

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
 Data File : BM023034.D
 Acq On : 07 Oct 2019 16:19
 Operator : JU
 Sample : K5056-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.475	587	593	602	rVB	197265	319596	3.65%	0.315%
2	6.775	635	644	649	rBV2	97071	156291	1.78%	0.154%
3	6.946	665	673	682	rBV	408982	708973	8.09%	0.699%
4	7.110	690	701	708	rBV	311486	520002	5.94%	0.513%
5	7.222	715	720	729	rVV	68350	128400	1.47%	0.127%
6	7.310	729	735	747	rVV	439948	687168	7.85%	0.678%
7	7.775	808	814	824	rBV	575696	907033	10.36%	0.894%
8	8.481	925	934	943	rVB	430773	689537	7.87%	0.680%
9	8.928	1004	1010	1020	rVV	372082	610729	6.97%	0.602%
10	9.651	1125	1133	1139	rBV	294749	481668	5.50%	0.475%
11	9.987	1183	1190	1197	rBV3	81598	149167	1.70%	0.147%
12	10.187	1215	1224	1233	rBV	492371	800128	9.14%	0.789%
13	10.563	1281	1288	1294	rBV	782266	1336401	15.26%	1.318%
14	10.616	1294	1297	1305	rVV	72060	121963	1.39%	0.120%
15	10.704	1305	1312	1327	rVV	146740	301626	3.44%	0.297%
16	11.939	1513	1522	1528	rBV	81007	126481	1.44%	0.125%
17	12.028	1528	1537	1548	rVV	1324875	2072206	23.66%	2.044%
18	12.228	1563	1571	1580	rBV	118354	185037	2.11%	0.182%
19	12.451	1603	1609	1616	rVB	88454	133291	1.52%	0.131%
20	13.210	1732	1738	1742	rVV	163258	253008	2.89%	0.250%
21	13.433	1770	1776	1780	rBV2	203035	302673	3.46%	0.298%
22	13.569	1793	1799	1802	rVV3	175875	315316	3.60%	0.311%
23	13.604	1802	1805	1813	rVB4	184868	305648	3.49%	0.301%
24	13.692	1813	1820	1824	rBV	1723324	2526040	28.84%	2.491%
25	13.739	1824	1828	1833	rVV2	689781	1086369	12.40%	1.071%
26	13.822	1838	1842	1847	rVV	867718	1320239	15.07%	1.302%
27	13.869	1847	1850	1854	rVV	379644	548546	6.26%	0.541%
28	13.910	1854	1857	1859	rVV3	146349	206184	2.35%	0.203%
29	13.945	1859	1863	1871	rVV2	539035	838241	9.57%	0.827%
30	14.104	1881	1890	1895	rBV	1154455	2095334	23.92%	2.066%
31	14.145	1895	1897	1902	rVV3	99361	136349	1.56%	0.134%
32	14.239	1909	1913	1921	rVV2	385060	716972	8.19%	0.707%
33	14.316	1921	1926	1932	rVB2	661098	915105	10.45%	0.902%
34	14.410	1932	1942	1952	rBV	1266238	2353704	26.87%	2.321%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
 Data File : BM023034.D
 Acq On : 07 Oct 2019 16:19
 Operator : JU
 Sample : K5056-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Title : SVOA CALIBRATION

35	14.486	1952	1955	1961	rVV6	109566	179999	2.06%	0.178%
36	14.610	1972	1976	1982	rVV	236888	382049	4.36%	0.377%
37	14.675	1982	1987	1996	rVB2	404015	702346	8.02%	0.693%
38	14.792	2002	2007	2017	rVV2	351185	606606	6.93%	0.598%
39	14.875	2017	2021	2023	rVV	129876	177734	2.03%	0.175%
40	14.904	2023	2026	2031	rVB2	200518	278122	3.18%	0.274%
41	14.969	2031	2037	2042	rVB5	63533	115553	1.32%	0.114%
42	15.304	2091	2094	2100	rVB	108203	132805	1.52%	0.131%
43	15.404	2105	2111	2116	rBV	1289468	1810524	20.67%	1.785%
44	15.451	2116	2119	2125	rVB2	83966	119213	1.36%	0.118%
45	15.522	2125	2131	2137	rBV	261216	367133	4.19%	0.362%
46	15.651	2145	2153	2156	rBV3	75710	132360	1.51%	0.131%
47	15.698	2156	2161	2166	rBV	1425785	2027278	23.15%	1.999%
48	15.751	2166	2170	2176	rVB2	540050	733229	8.37%	0.723%
49	15.904	2192	2196	2204	rVB2	116513	200766	2.29%	0.198%
50	16.039	2214	2219	2222	rBV2	79542	129893	1.48%	0.128%
51	16.151	2229	2238	2244	rBV3	499487	941406	10.75%	0.928%
52	16.921	2360	2369	2375	rBV5	105891	264453	3.02%	0.261%
53	17.151	2402	2408	2413	rBV2	1352365	1988399	22.70%	1.961%
54	17.192	2413	2415	2419	rVB	178742	213414	2.44%	0.210%
55	17.251	2419	2425	2430	rBV	1360539	1858382	21.22%	1.833%
56	17.998	2546	2552	2555	rBV	404075	574388	6.56%	0.566%
57	18.057	2555	2562	2577	rVB2	1034652	1764704	20.15%	1.740%
58	18.351	2608	2612	2622	rVB	78898	118567	1.35%	0.117%
59	18.986	2717	2720	2722	rVV	92845	117833	1.35%	0.116%
60	19.021	2722	2726	2732	rVV	627723	814355	9.30%	0.803%
61	19.215	2750	2759	2764	rVV2	397619	780683	8.91%	0.770%
62	19.262	2765	2767	2773	rVV3	161983	229065	2.62%	0.226%
63	19.333	2776	2779	2788	rVV	199788	338319	3.86%	0.334%
64	19.421	2790	2794	2802	rVV2	338826	486566	5.56%	0.480%
65	19.545	2809	2815	2829	rVB2	1695122	2684363	30.65%	2.647%
66	19.727	2842	2846	2856	rBV7	73534	145953	1.67%	0.144%
67	19.810	2856	2860	2865	rVB	172288	215987	2.47%	0.213%
68	19.874	2867	2871	2876	rBV4	98223	135743	1.55%	0.134%
69	20.068	2900	2904	2907	rBV3	102783	165202	1.89%	0.163%
70	20.104	2907	2910	2914	rVB2	168492	216369	2.47%	0.213%
71	20.262	2932	2937	2943	rVB	890615	1139410	13.01%	1.124%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
 Data File : BM023034.D
 Acq On : 07 Oct 2019 16:19
 Operator : JU
 Sample : K5056-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Title : SVOA CALIBRATION

72	20.357	2949	2953	2958	rBV4	78534	124712	1.42%	0.123%
73	20.433	2959	2966	2970	rVV	6857804	8758551	100.00%	8.637%
74	20.468	2970	2972	2986	rVB2	1512478	2361852	26.97%	2.329%
75	20.939	3048	3052	3058	rBV4	187296	317624	3.63%	0.313%
76	20.998	3059	3062	3067	rVB2	190236	216922	2.48%	0.214%
77	21.057	3067	3072	3077	rBV	1084994	1360905	15.54%	1.342%
78	21.151	3083	3088	3093	rVB3	516557	770103	8.79%	0.759%
79	21.280	3107	3110	3113	rVB	133342	142989	1.63%	0.141%
80	21.339	3114	3120	3124	rBV	1754820	2390190	27.29%	2.357%
81	21.498	3143	3147	3155	rBV3	289565	523125	5.97%	0.516%
82	21.815	3198	3201	3207	rVB4	171912	209605	2.39%	0.207%
83	21.886	3209	3213	3216	rBV	448670	536104	6.12%	0.529%
84	21.933	3216	3221	3229	rBV3	1480978	2555803	29.18%	2.520%
85	22.398	3296	3300	3304	rBV	349191	491170	5.61%	0.484%
86	22.909	3382	3387	3392	rBV	1149563	1874459	21.40%	1.849%
87	22.956	3392	3395	3406	rVB2	694883	1099760	12.56%	1.085%
88	23.445	3473	3478	3483	rBV	1134259	2224615	25.40%	2.194%
89	23.486	3483	3485	3492	rVB2	543737	745733	8.51%	0.735%
90	23.592	3497	3503	3517	rVB	1248406	2435683	27.81%	2.402%
91	23.797	3535	3538	3549	rVB	288626	507411	5.79%	0.500%
92	24.145	3591	3597	3605	rBV	2484922	4785412	54.64%	4.719%
93	24.227	3605	3611	3625	rVB	1147715	2494864	28.48%	2.460%
94	24.903	3721	3726	3734	rVB	387535	842953	9.62%	0.831%
95	25.356	3797	3803	3816	rVB	561311	1302676	14.87%	1.285%
96	25.791	3871	3877	3894	rVB	683050	2796834	31.93%	2.758%
97	25.933	3895	3901	3914	rVB	641161	1821149	20.79%	1.796%
98	26.068	3919	3924	3944	rVB6	419365	1463395	16.71%	1.443%
99	26.703	4023	4032	4047	rVB2	1484524	4687881	53.52%	4.623%
100	28.303	4295	4304	4324	rVB2	1053212	3914501	44.69%	3.860%

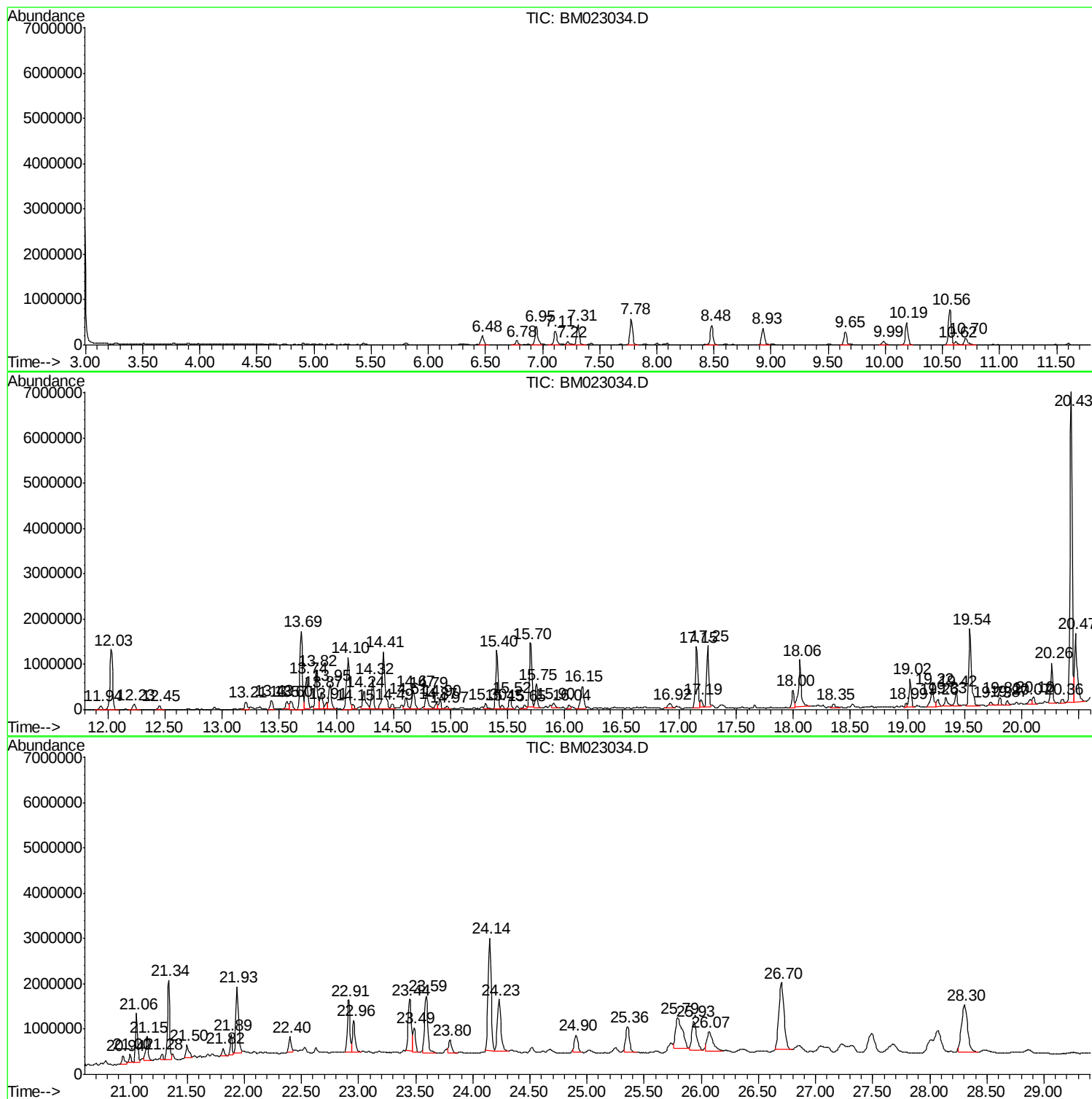
Sum of corrected areas: 101401577

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

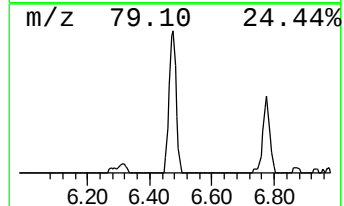
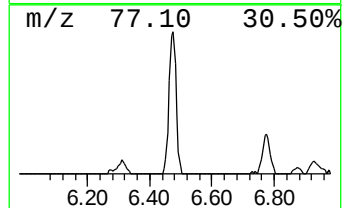
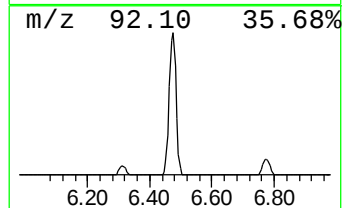
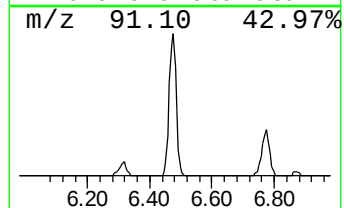
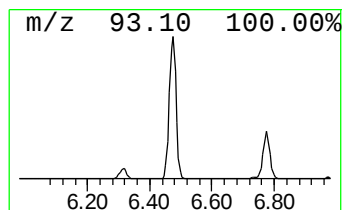
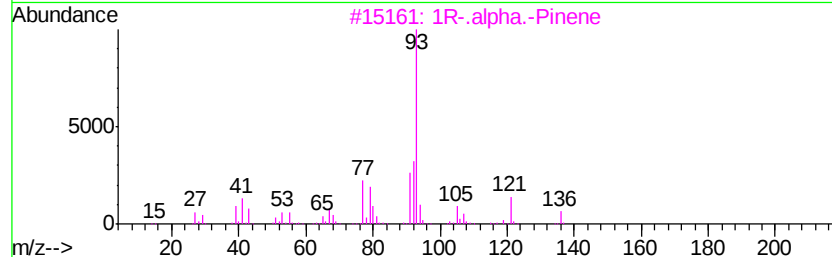
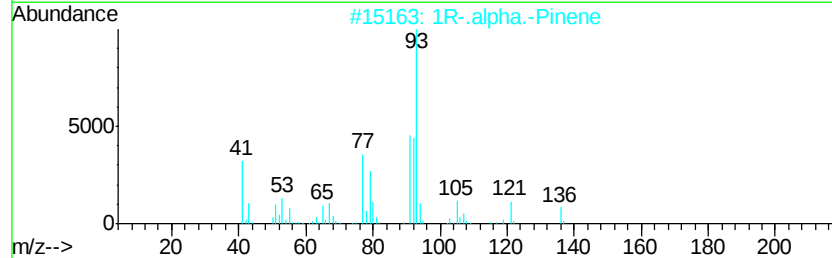
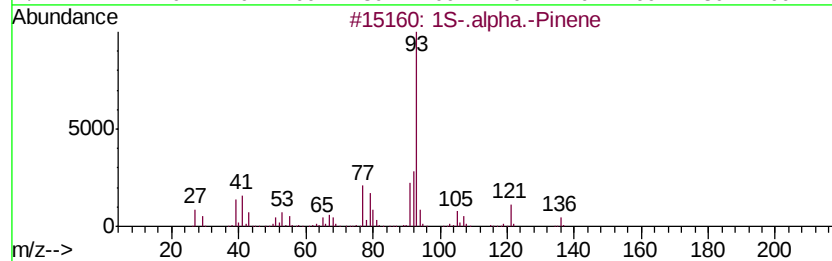
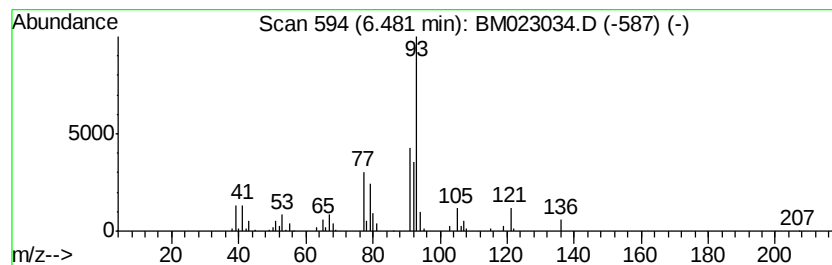
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1S-.alpha.-Pinene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	7.05 ng/ul	319596	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1S-.alpha.-Pinene	136	C10H16	007785-26-4	97
2		1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
3		1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

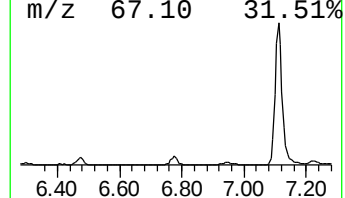
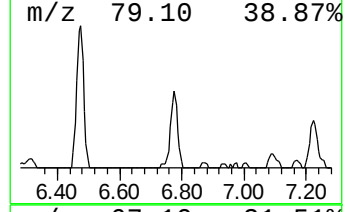
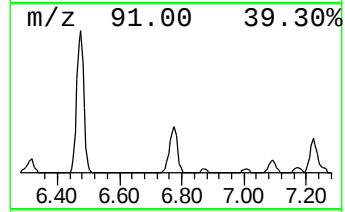
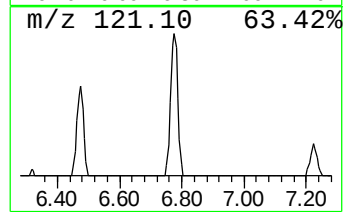
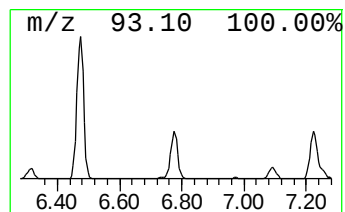
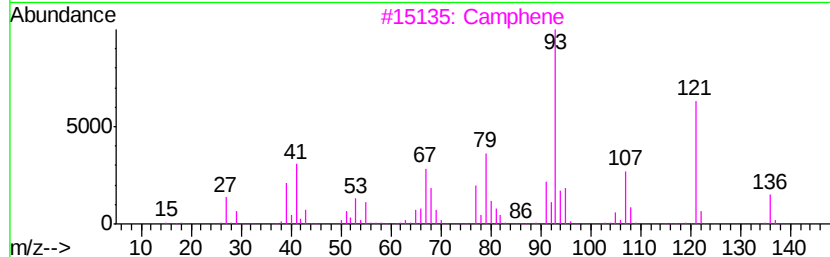
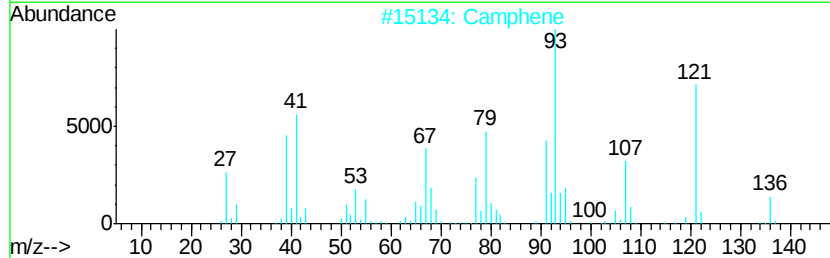
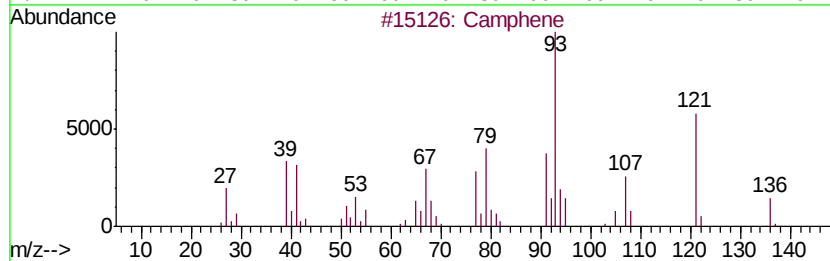
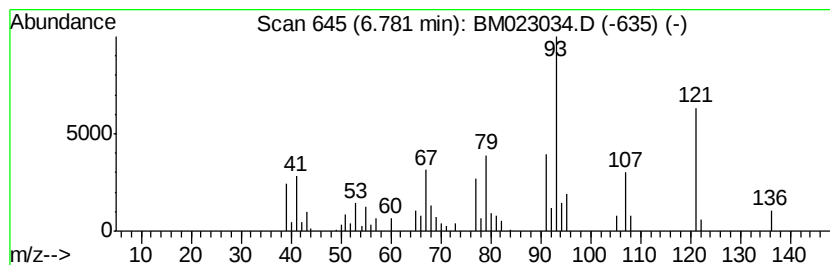
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Camphene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	3.45 ng/ul	156291	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	95
2		Camphene	136	C10H16	000079-92-5	94
3		Camphene	136	C10H16	000079-92-5	93
4		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	87
5		4-Carene	136	C10H16	1000150-36-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

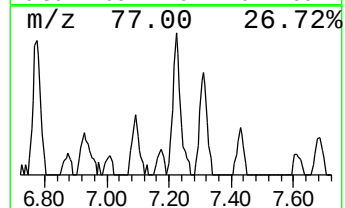
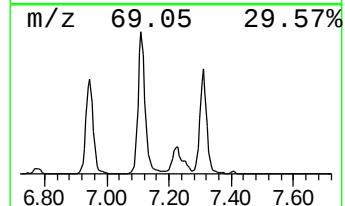
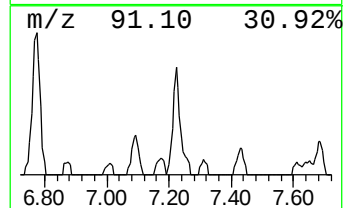
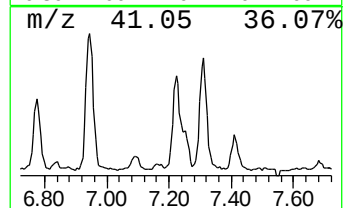
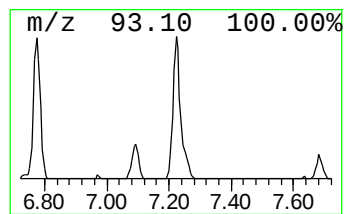
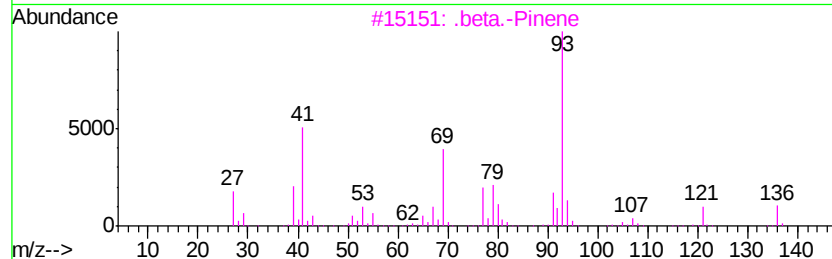
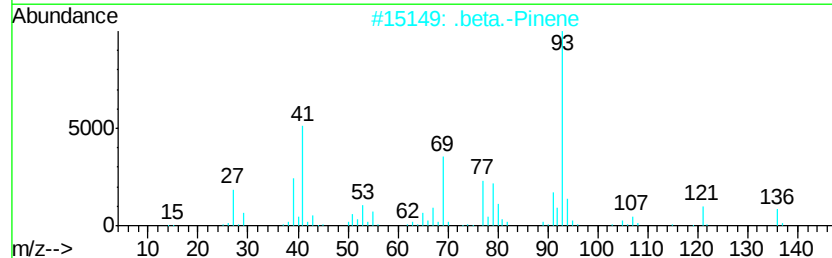
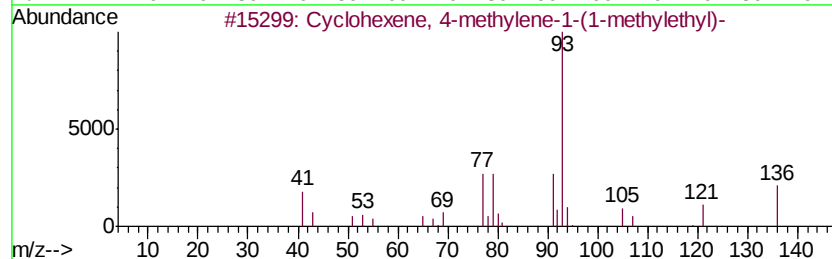
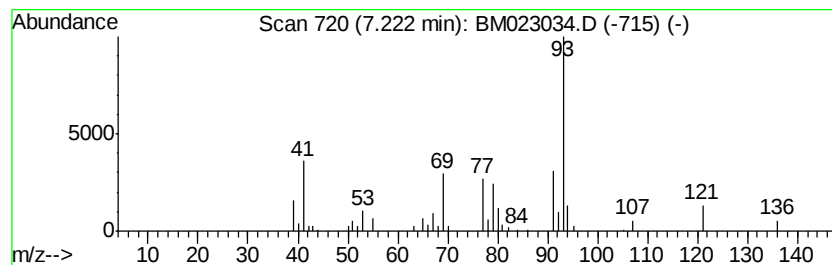
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexene, 4-methylene-1-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	2.83 ng/ul	128400	1,4-Dichlorobenzene-d4	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
2		.beta.-Pinene	136	C10H16	000127-91-3	91
3		.beta.-Pinene	136	C10H16	000127-91-3	91
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

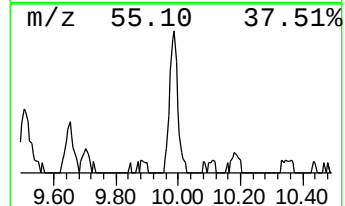
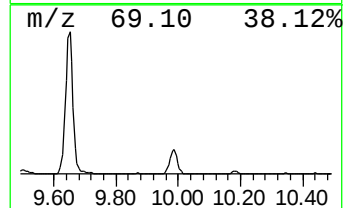
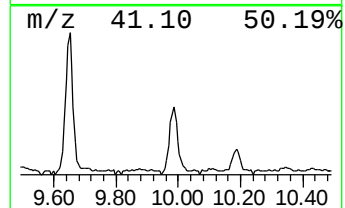
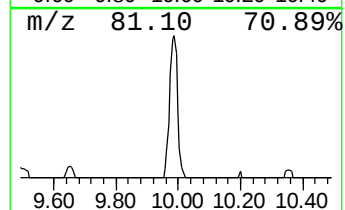
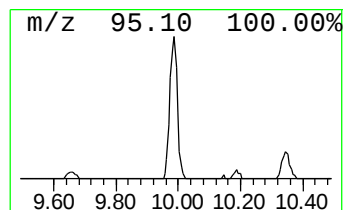
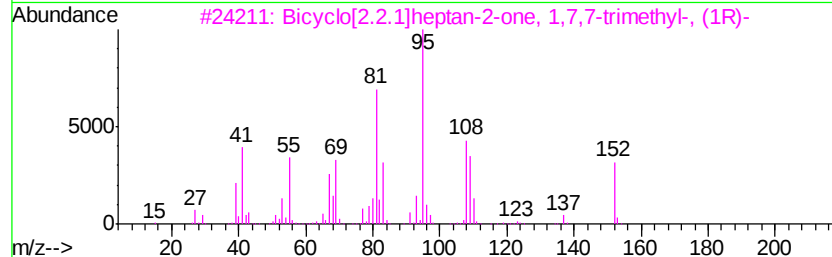
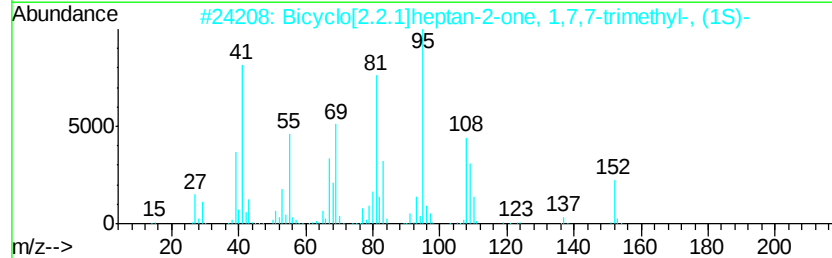
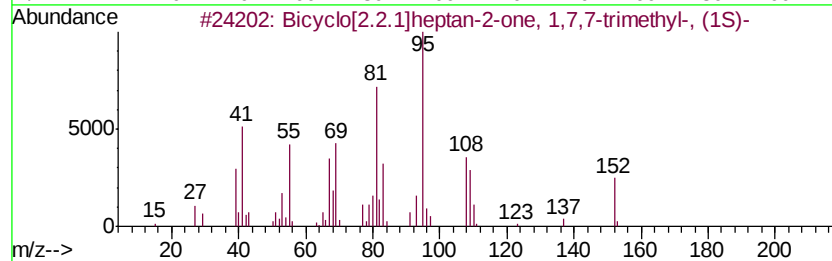
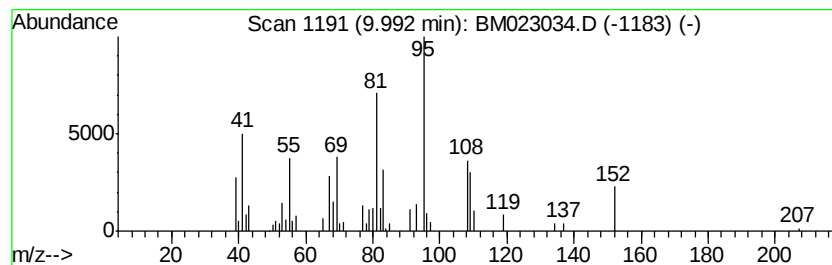
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	2.23 ng/ul	149167	Naphthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97
4		Camphor	152	C10H16O	000076-22-2	96
5		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

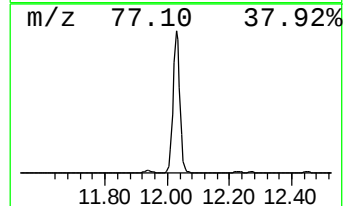
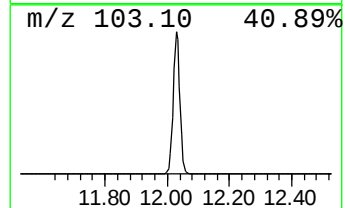
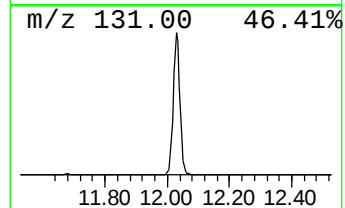
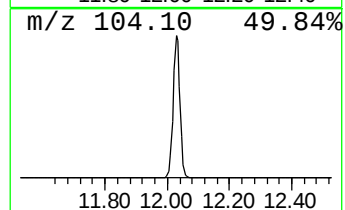
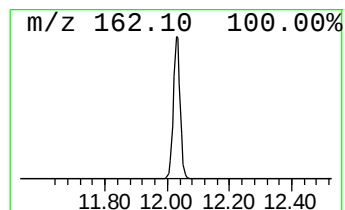
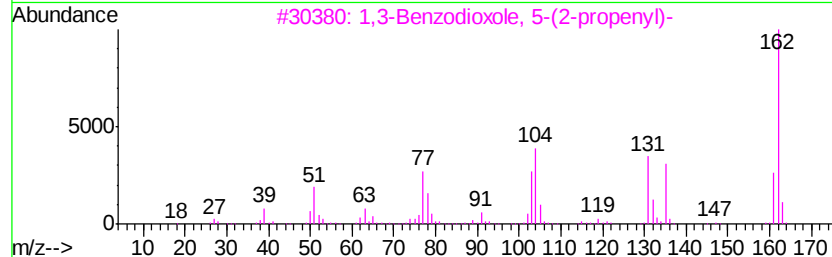
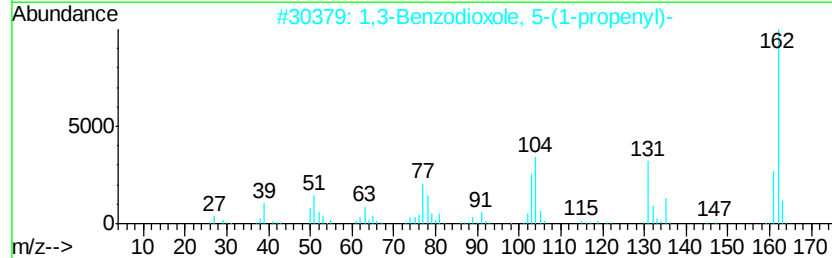
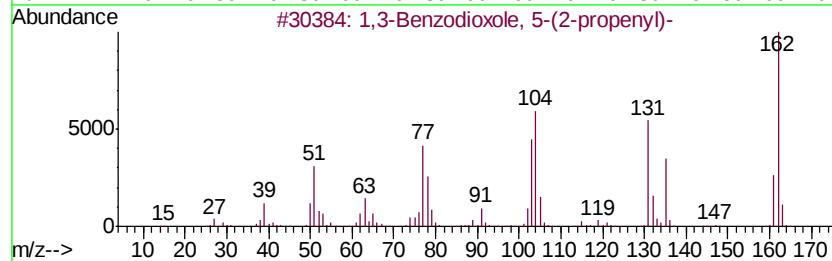
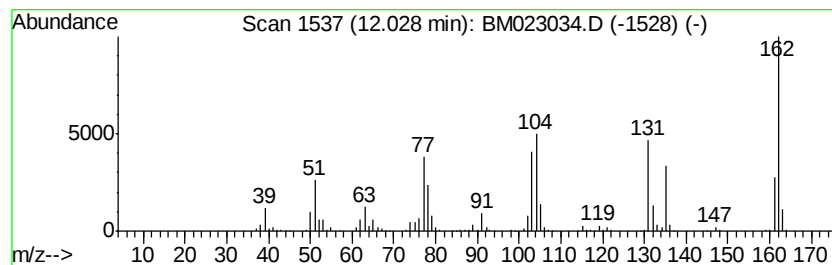
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,3-Benzodioxole, 5-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	31.01 ng/ul	2072210	Napthalene-d8	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	98
2		1,3-Benzodioxole, 5-(1-propenyl)-	162	C10H10O2	000120-58-1	97
3		1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	97
4		1,3-Benzodioxole, 5-(2-propenyl)-	162	C10H10O2	000094-59-7	96
5		1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

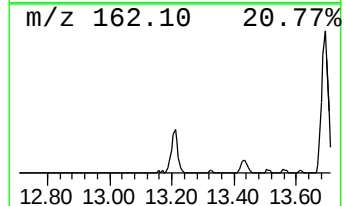
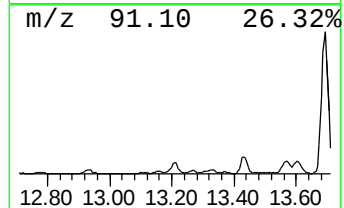
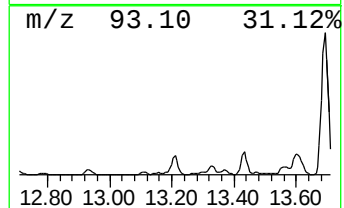
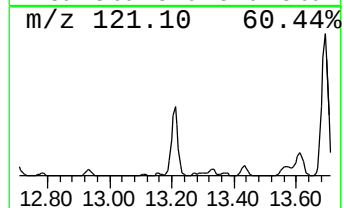
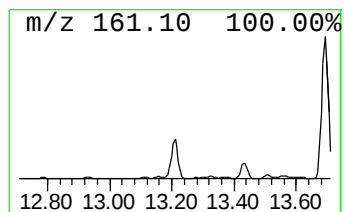
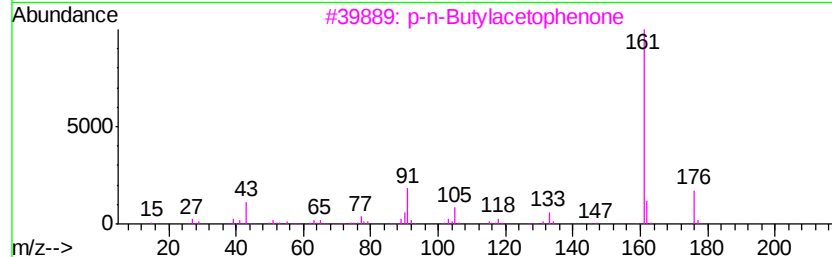
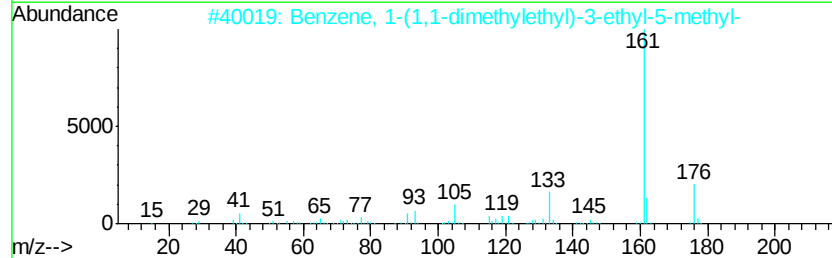
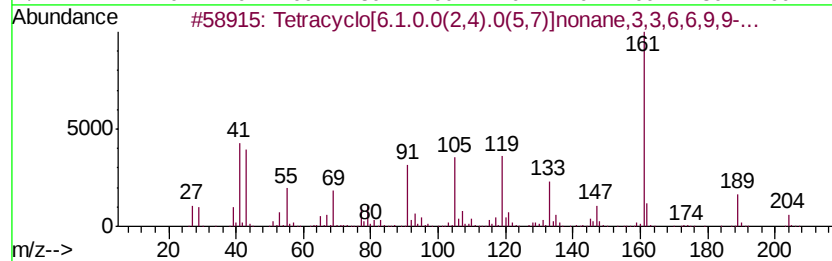
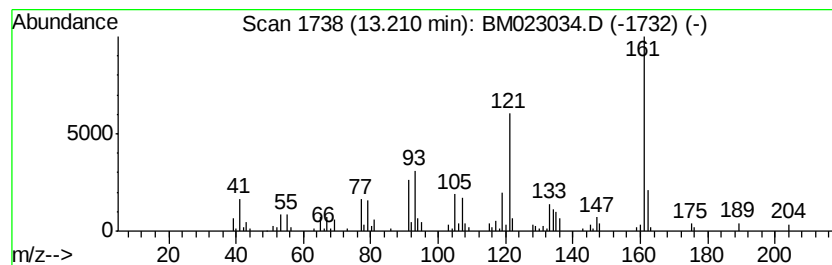
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetracyclo[6.1.0.0(2,4).0(5... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.15 ng/ul	253008	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	50
2		Benzene, 1-(1,1-dimethylethyl)-3...	176	C13H20	006630-01-9	43
3		p-n-Butylacetophenone	176	C12H16O	037920-25-5	38
4		1-Isopropyl-3-tert-butylbenzene	176	C13H20	020033-12-9	38
5		4-Butylbenzoic acid, 2-methylphe...	268	C18H20O2	1000293-58-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

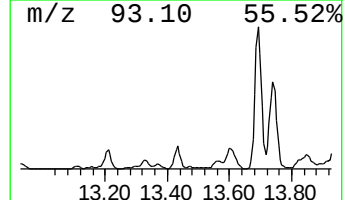
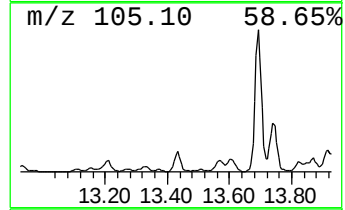
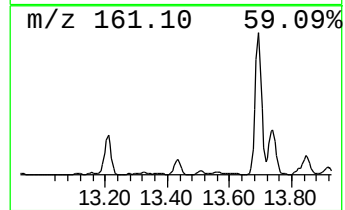
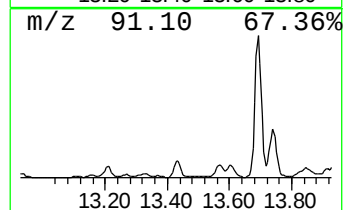
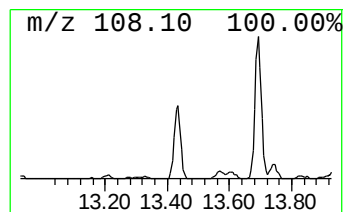
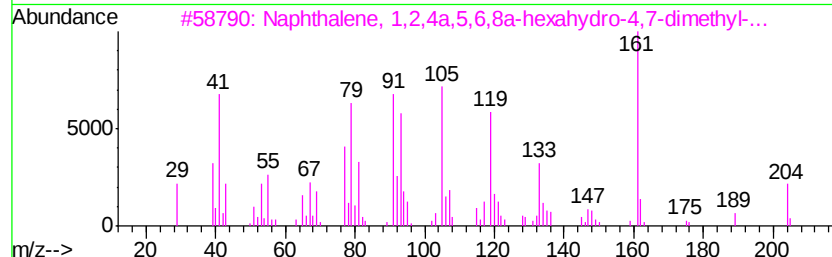
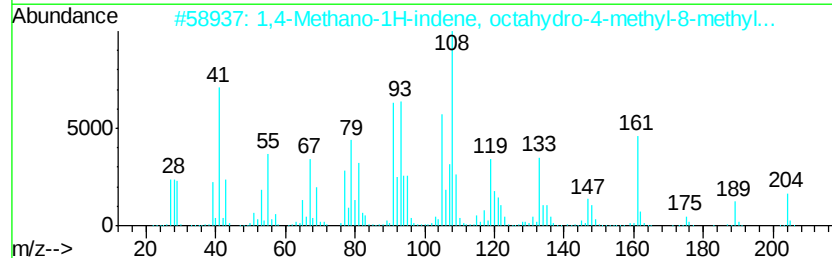
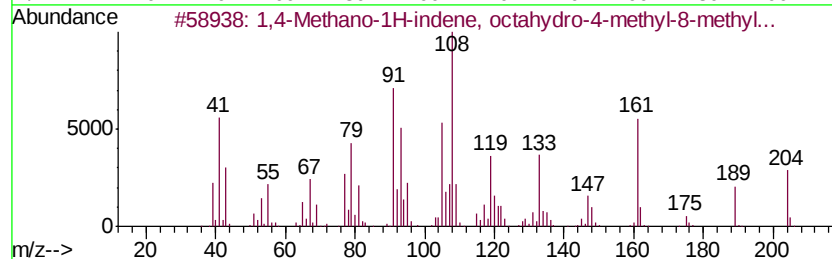
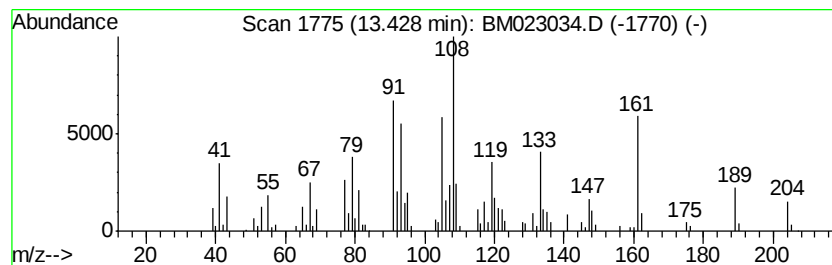
Instrument :
BNA_M
ClientSampled :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,4-Methano-1H-indene, octa... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.57 ng/ul	302673	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Methano-1H-indene, octahydro...	204 C15H24	003650-28-0	98
2	1,4-Methano-1H-indene, octahydro...	204 C15H24	003650-28-0	95
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204 C15H24	000483-75-0	93
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	039029-41-9	81
5	1,4-Methanoazulene, decahydro-4,...	204 C15H24	000475-20-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

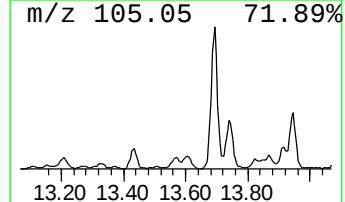
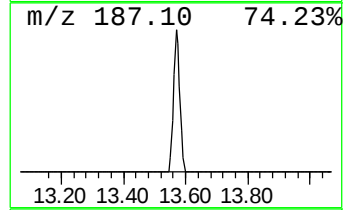
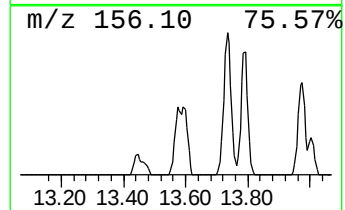
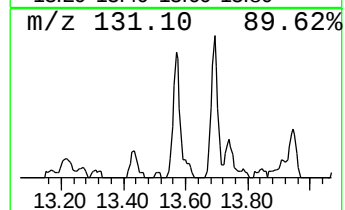
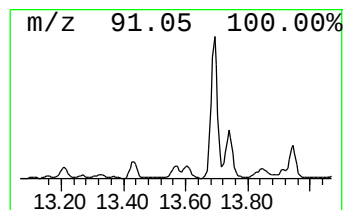
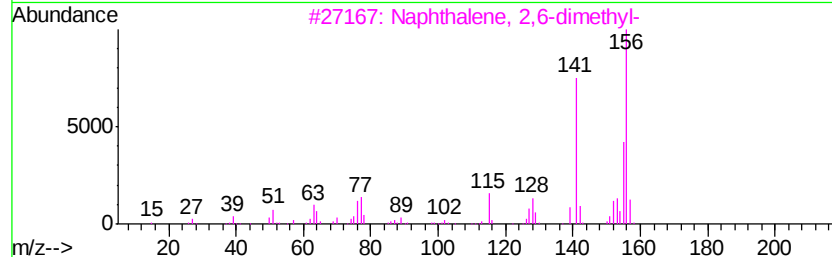
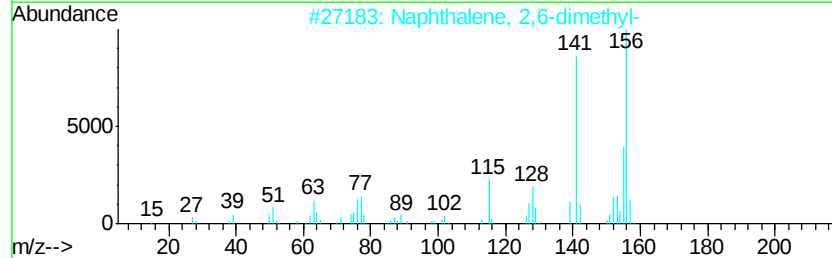
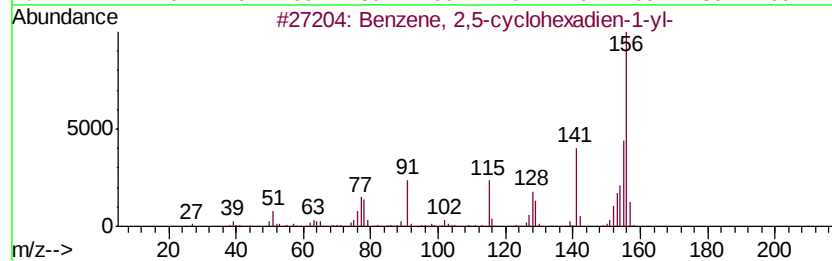
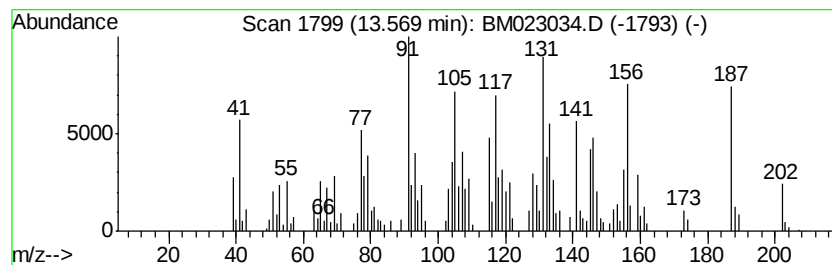
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2,5-cyclohexadien-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.68 ng/ul	315316	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	56
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	56
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	56
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	53
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

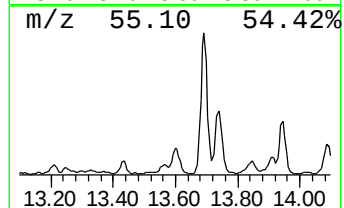
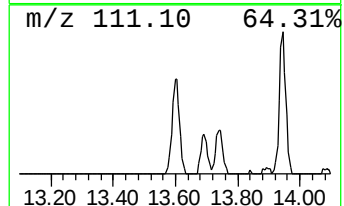
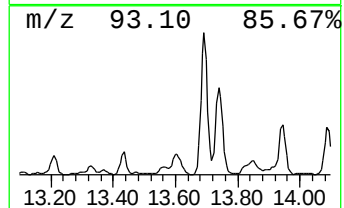
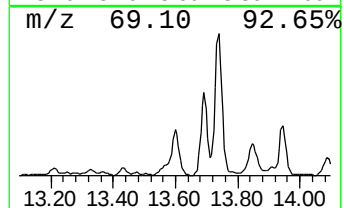
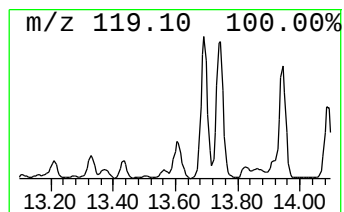
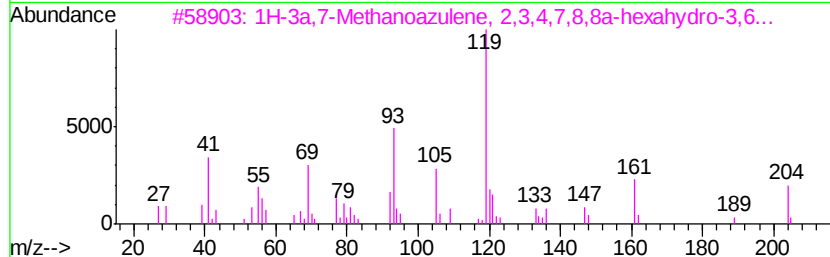
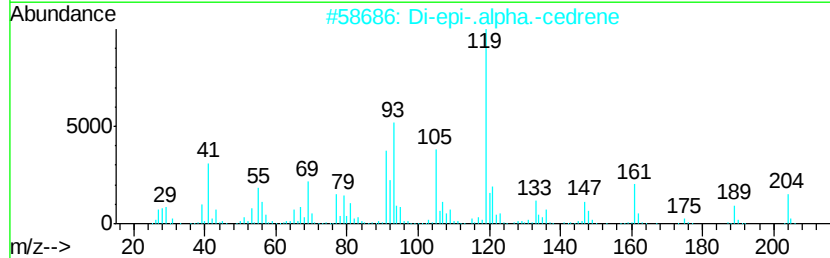
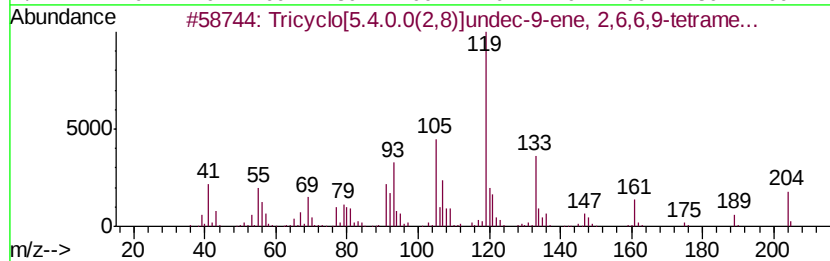
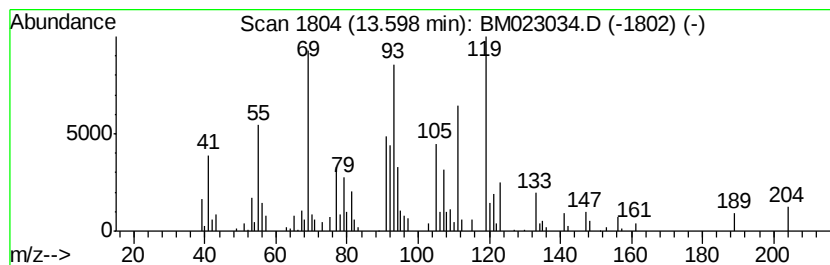
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tricyclo[5.4.0.0(2,8)]undec... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.60 ng/ul	305648	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	70
2		Di-epi-.alpha.-cedrene	204	C15H24	1000156-13-3	60
3		1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	50
4		1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	50
5		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

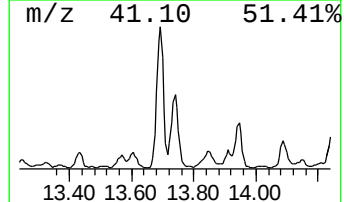
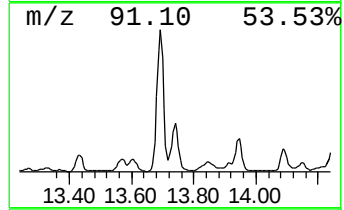
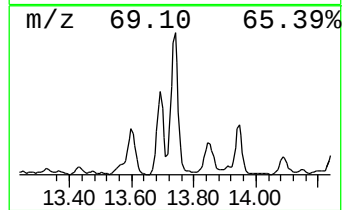
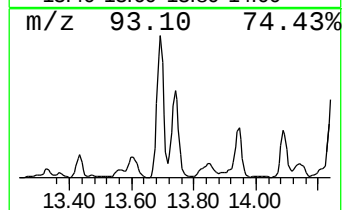
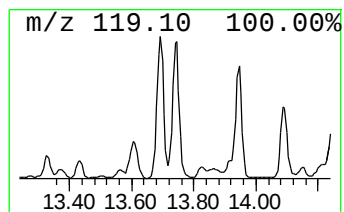
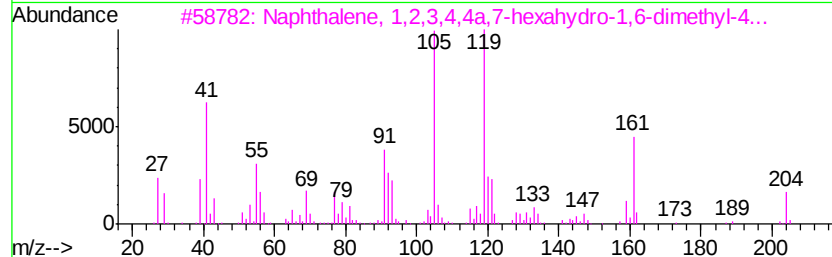
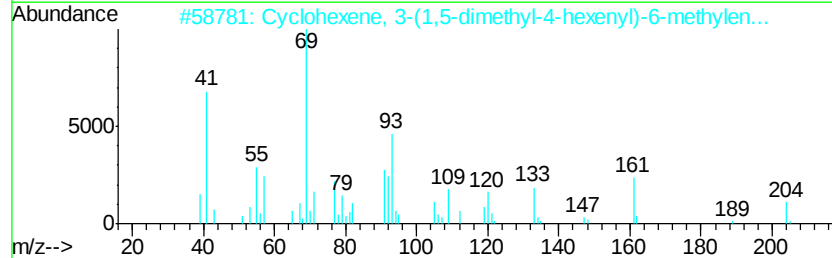
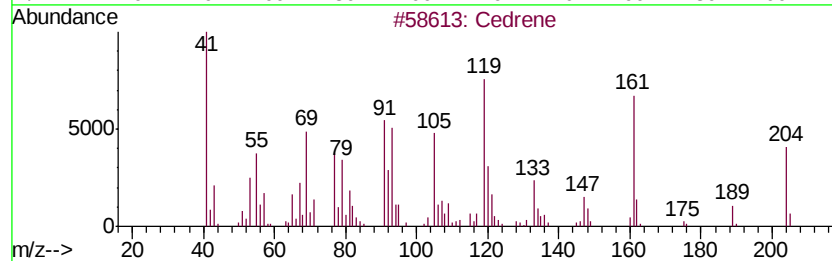
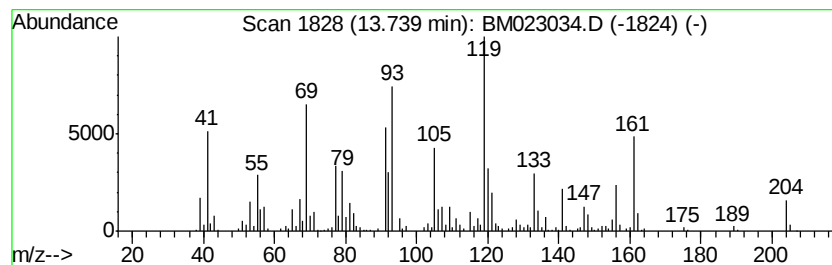
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cedrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	9.23 ng/ul	1086370	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cedrene	204	C15H24	011028-42-5 78
2	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9 64
3	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7 64
4	Cyclohexene, 3-(1,5-dimethyl-4-h...	204	C15H24	020307-83-9 64
5	Naphthalene, hexahydro-1,6-dimet...	204	C15H24	029837-12-5 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

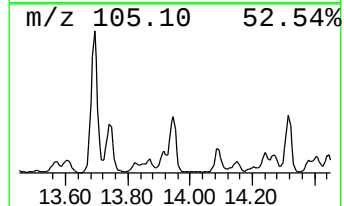
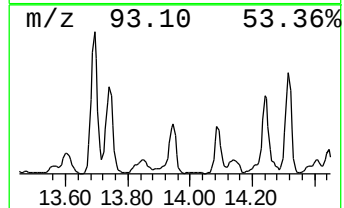
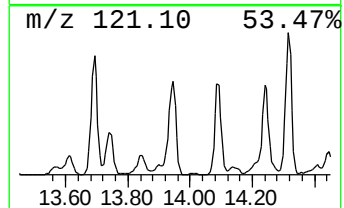
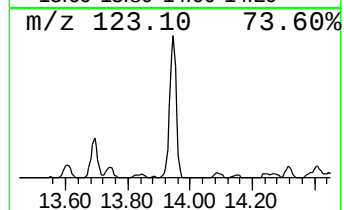
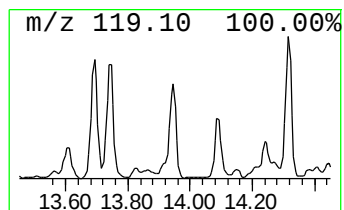
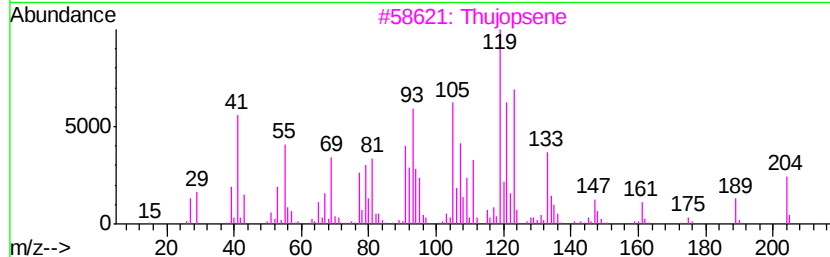
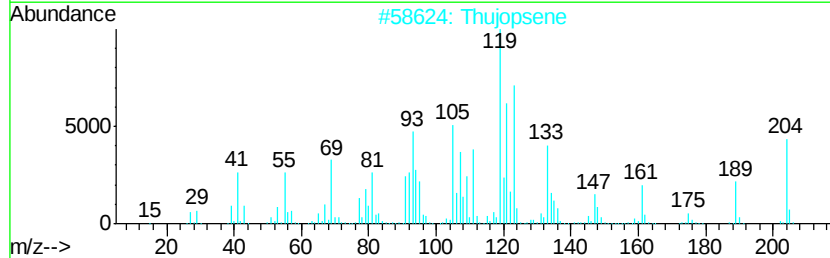
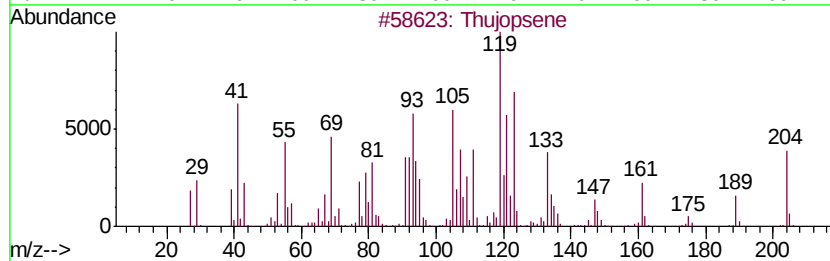
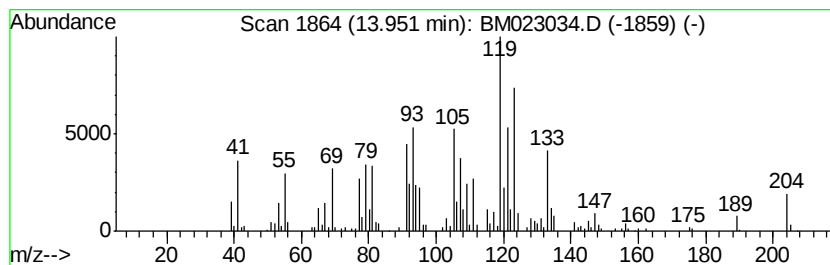
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Thujopsene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.95	7.12 ng/ul	838241	Acenaphthene-d10		14.42		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thujopsene	204	C15H24	000470-40-6	96
2			Thujopsene	204	C15H24	000470-40-6	94
3			Thujopsene	204	C15H24	000470-40-6	94
4			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	70
5			Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

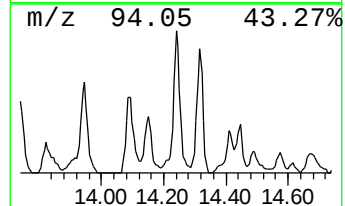
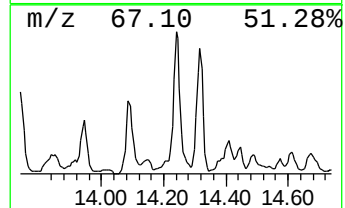
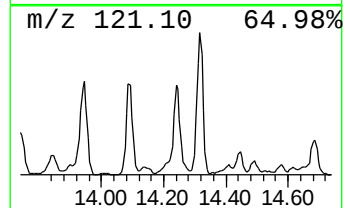
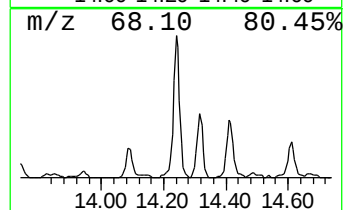
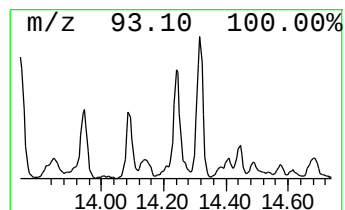
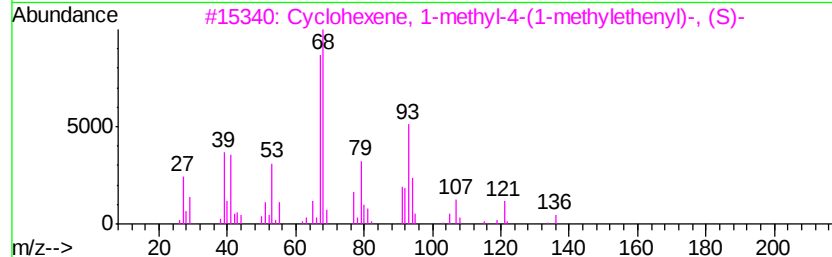
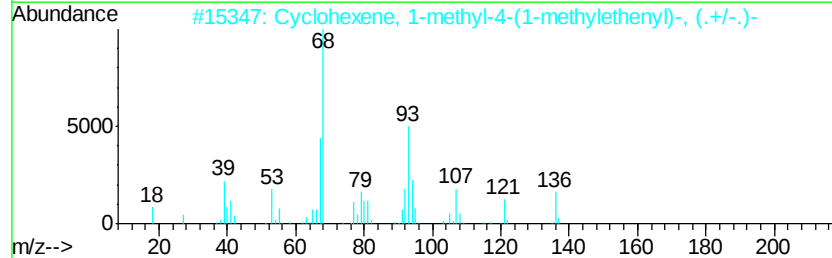
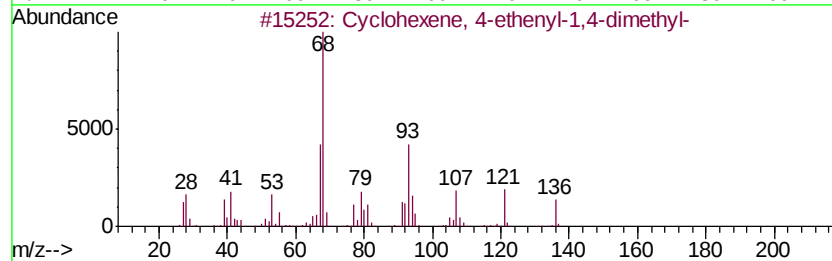
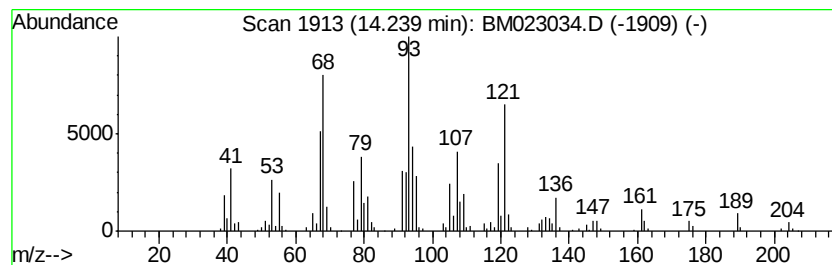
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclohexene, 4-ethenyl-1,4-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	6.09 ng/ul	716972	Acenaphthene-d10	14.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	91
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	007705-14-8	81
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81
4			Camphene	136	C10H16	000079-92-5	60
5			Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

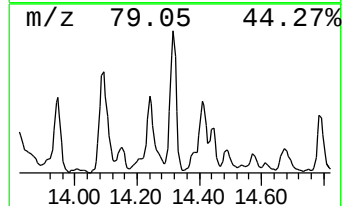
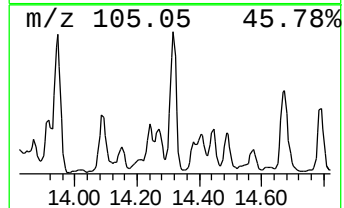
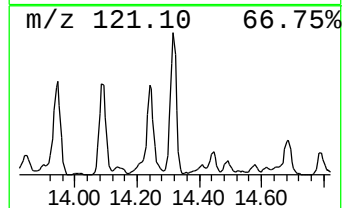
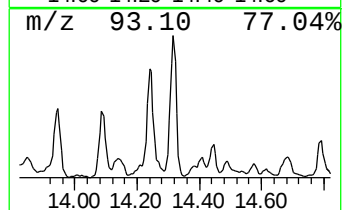
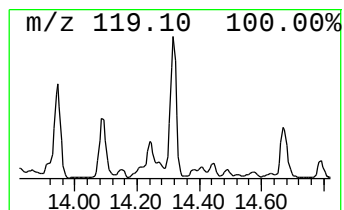
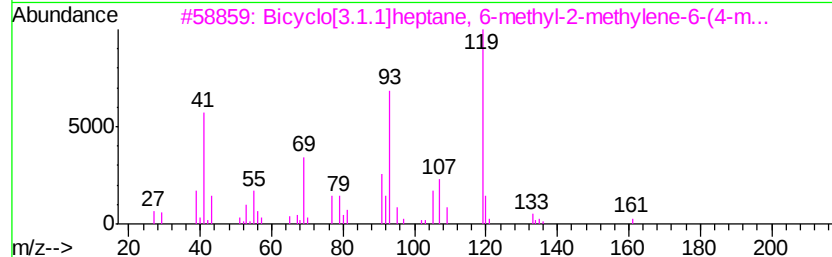
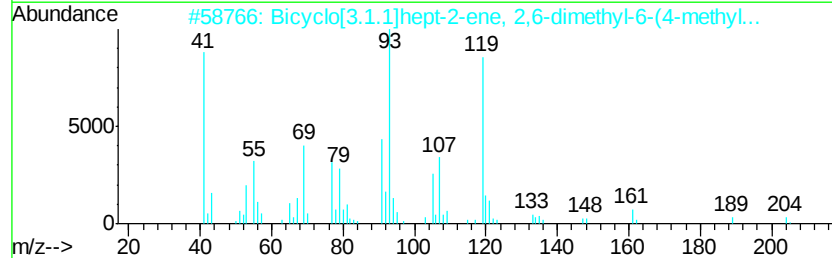
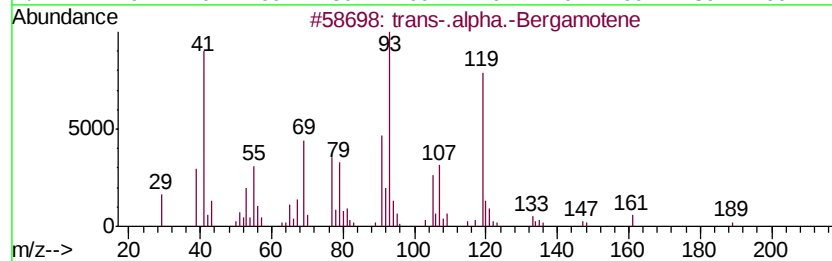
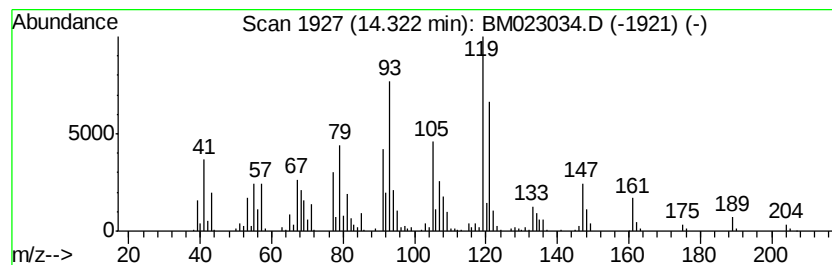
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 trans-.alpha.-Bergamotene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	7.78 ng/ul	915105	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-.alpha.-Bergamotene	204 C15H24	1000293-01-5	64
2	Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204 C15H24	017699-05-7	53
3	Bicyclo[3.1.1]heptane, 6-methyl-...	204 C15H24	055123-21-2	50
4	Di-epi-.alpha.-cedrene-(I)	204 C15H24	021996-77-0	50
5	Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

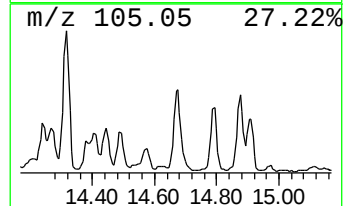
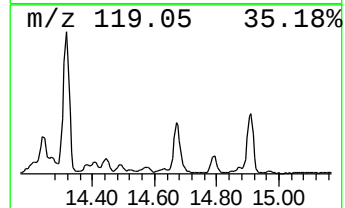
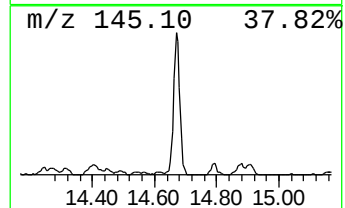
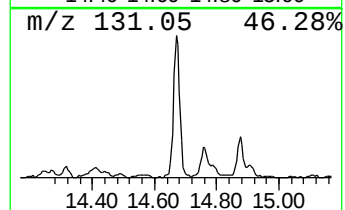
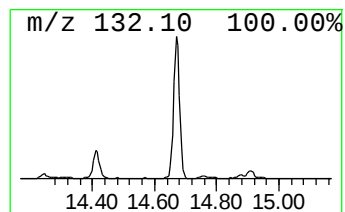
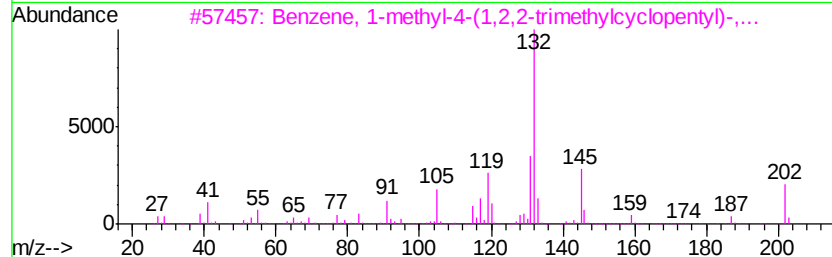
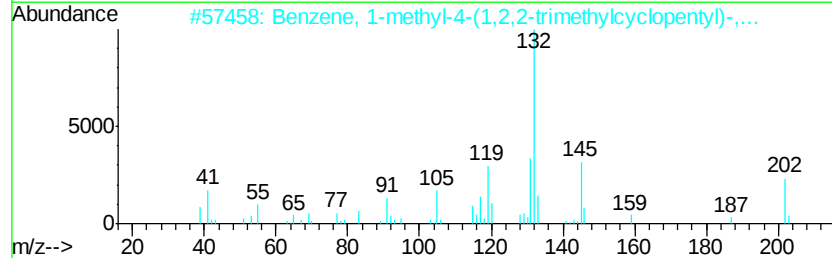
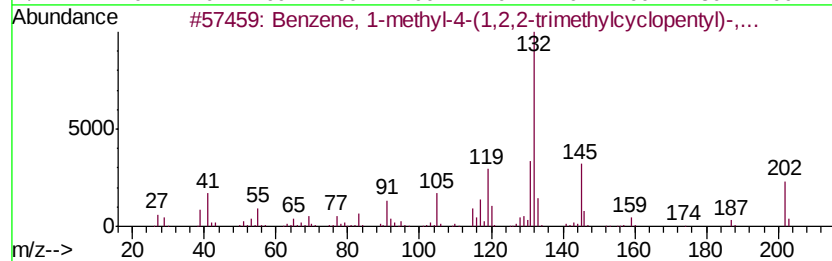
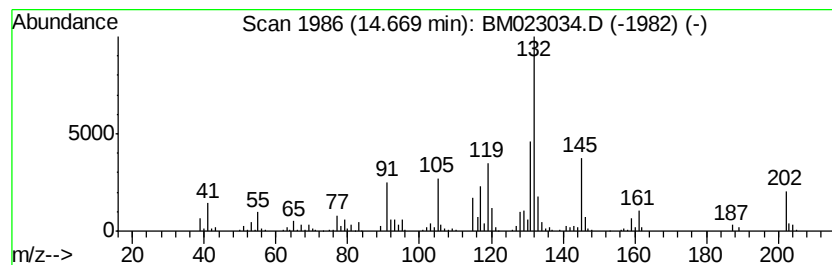
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.97 ng/ul	702346	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	98
2		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	98
3		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	93
4		1H-Indol-4-amine	132	C8H8N2	005192-23-4	43
5		Imidazo[1,2-a]pyridin-2-ylmethyl...	161	C9H11N3	1000296-92-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

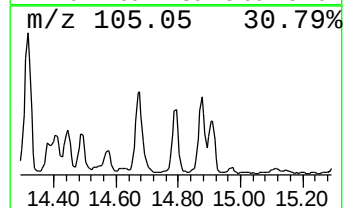
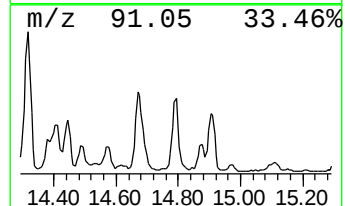
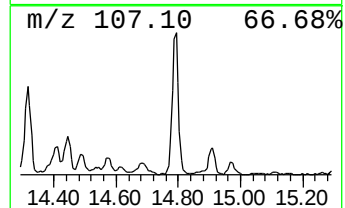
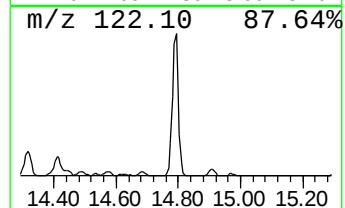
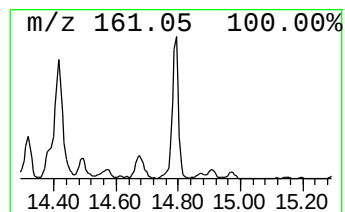
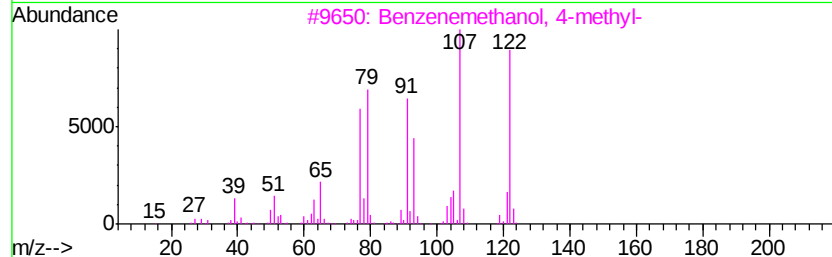
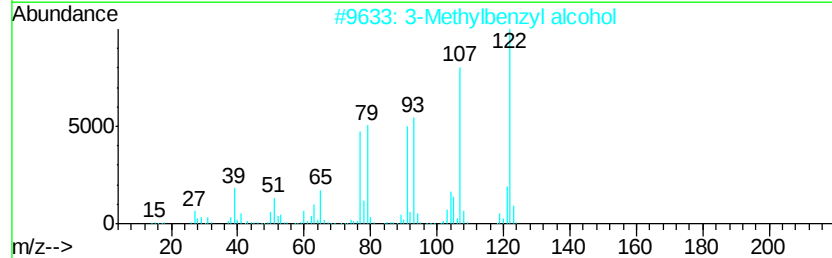
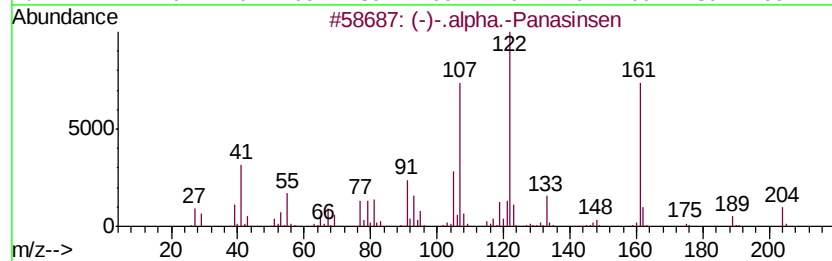
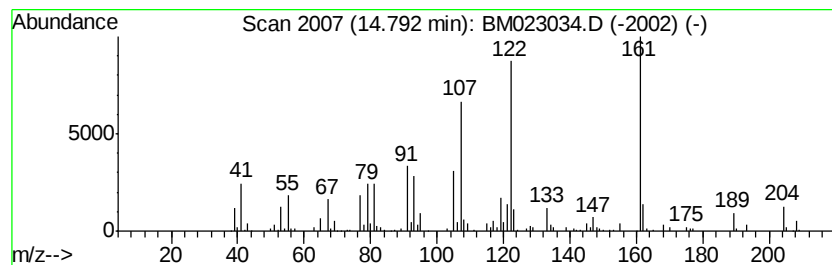
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (-)-.alpha.-Panasinsen Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.15 ng/ul	606606	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(-)-.alpha.-Panasinsen	204 C15H24	056633-28-4 89
2		3-Methylbenzyl alcohol	122 C8H10O	000587-03-1 50
3		Benzenemethanol, 4-methyl-	122 C8H10O	000589-18-4 50
4		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 46
5		Benzenemethanol, 4-methyl-	122 C8H10O	000589-18-4 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

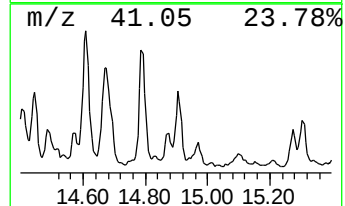
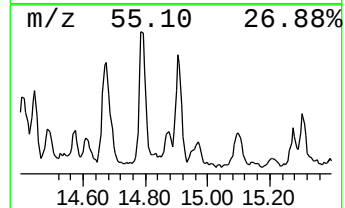
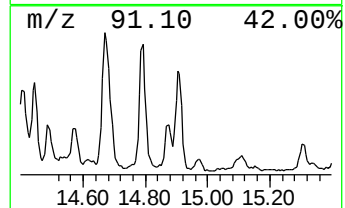
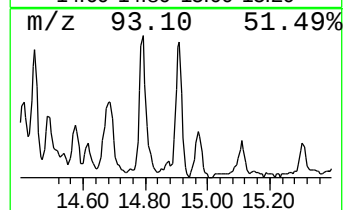
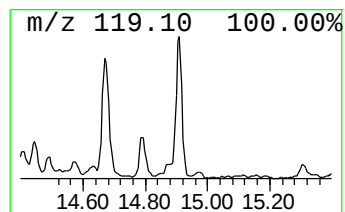
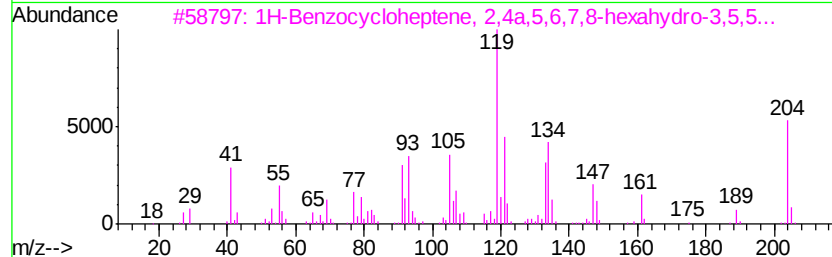
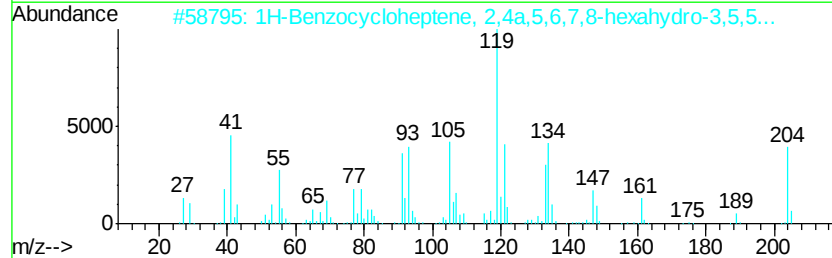
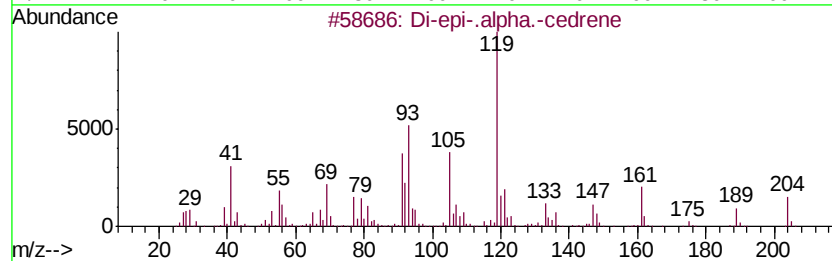
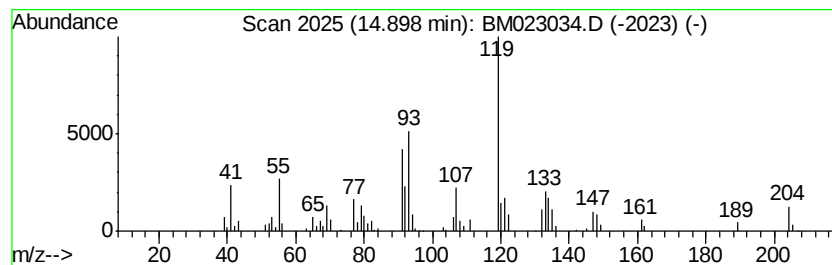
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Di-epi-.alpha.-cedrene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.36 ng/ul	278122	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Di-epi-.alpha.-cedrene	204 C15H24	1000156-13-3 74
2		1H-Benzocycloheptene, 2,4a,5,6,7...	204 C15H24	001461-03-6 62
3		1H-Benzocycloheptene, 2,4a,5,6,7...	204 C15H24	001461-03-6 58
4		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204 C15H24	005989-08-2 55
5		1H-3a,7-Methanoazulene, 2,3,4,7,...	204 C15H24	000469-61-4 53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

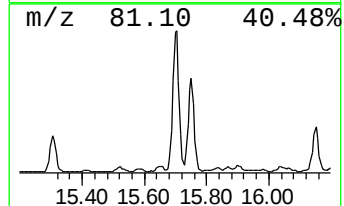
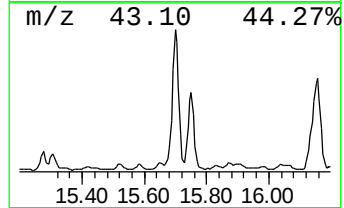
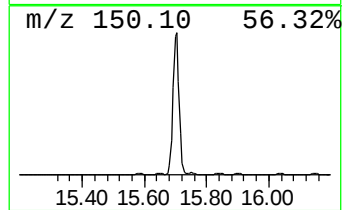
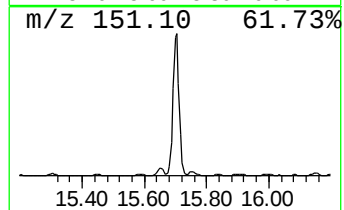
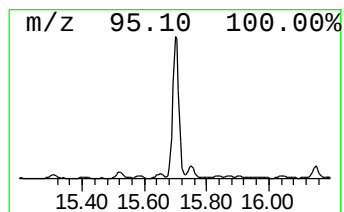
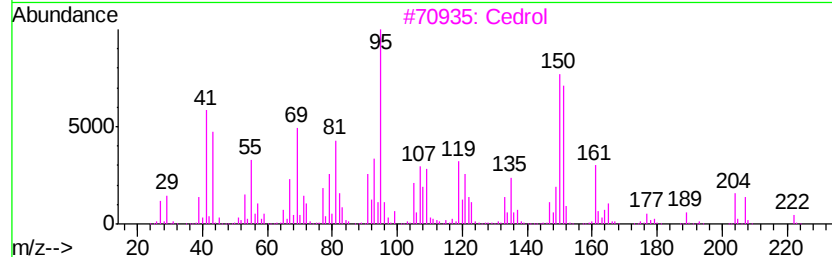
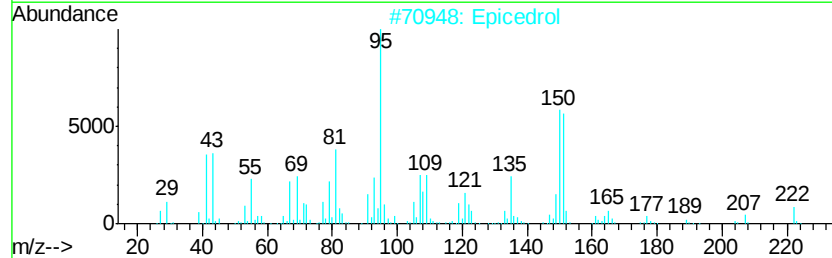
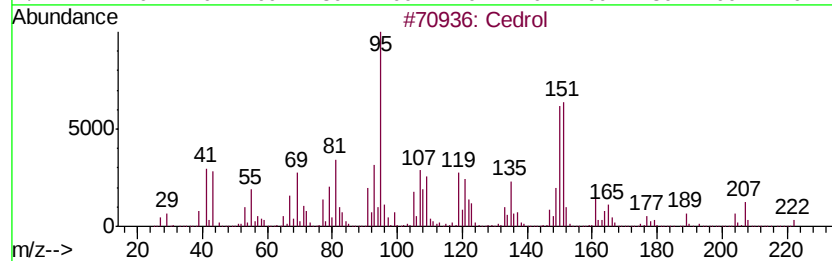
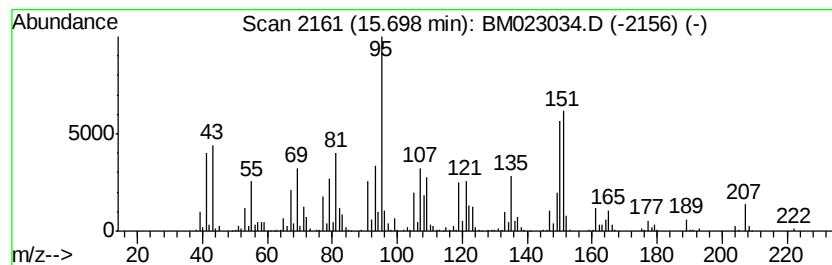
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Epicedrol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	17.23 ng/ul	2027280	Acenaphthene-d10	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cedrol	222	C15H26O	000077-53-2	91
2		Epicedrol	222	C15H26O	1000156-22-8	90
3		Cedrol	222	C15H26O	000077-53-2	90
4		Cedrol	222	C15H26O	000077-53-2	81
5		Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

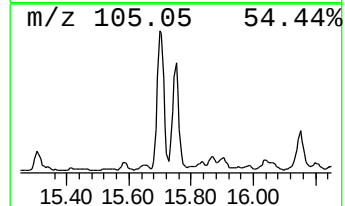
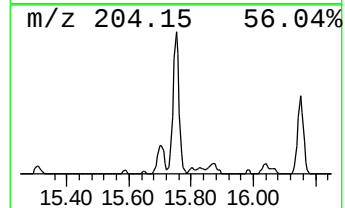
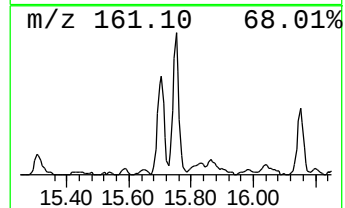
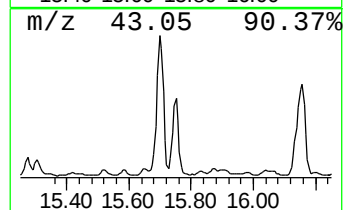
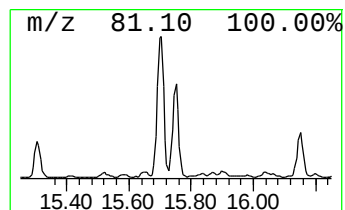
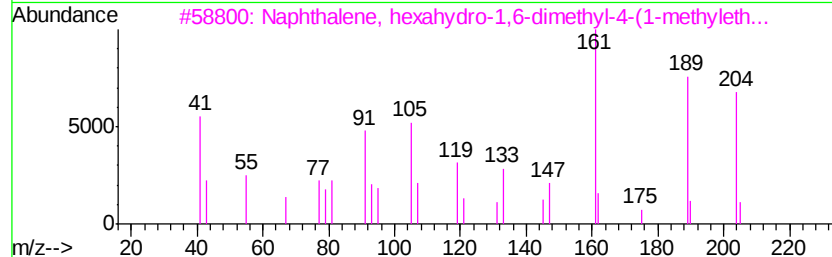
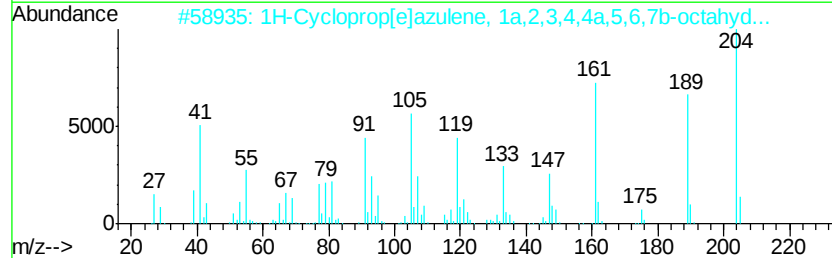
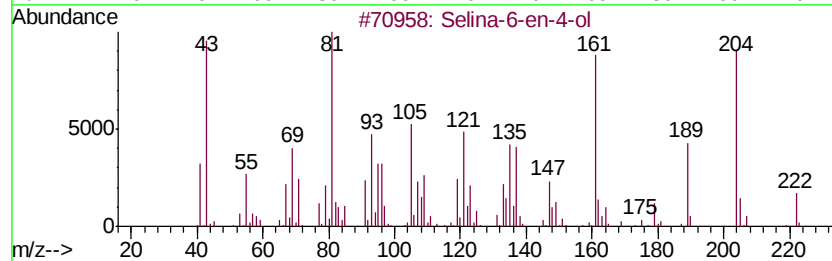
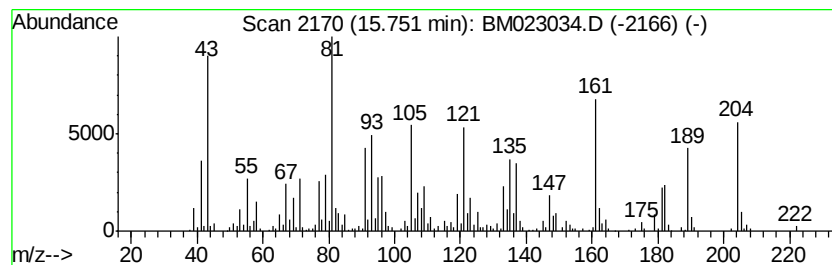
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Selina-6-en-4-ol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	6.23 ng/ul	733229	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Selina-6-en-4-ol	222 C15H26O	1000140-23-2 76
2		1H-Cycloprop[e]azulene, 1a,2,3,4...	204 C15H24	000489-40-7 59
3		Naphthalene, hexahydro-1,6-dimet...	204 C15H24	029837-12-5 50
4		1,2,4-Metheno-1H-indene, octahyd...	204 C15H24	022469-52-9 49
5		1,4-Methanoazulene, decahydro-4,...	204 C15H24	000475-20-7 49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

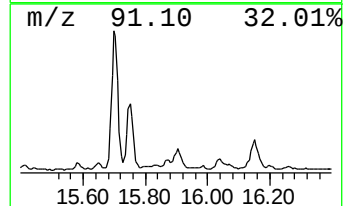
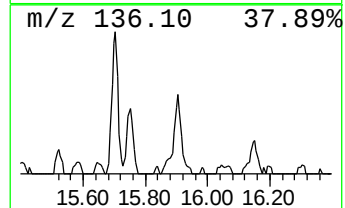
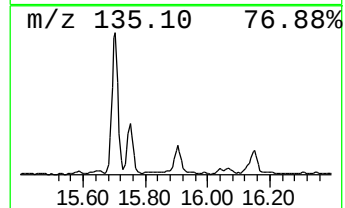
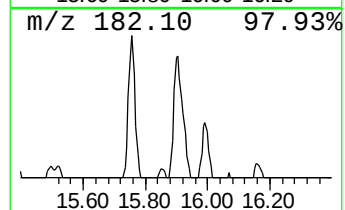
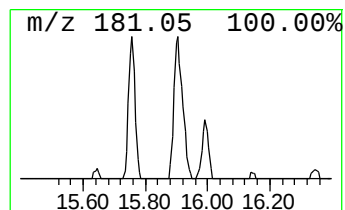
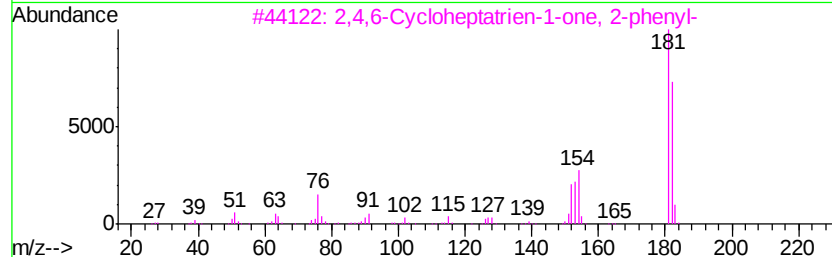
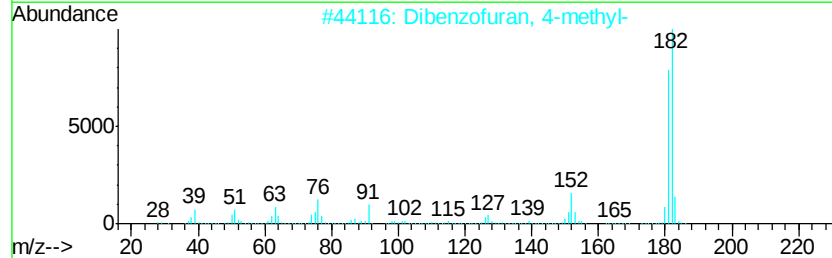
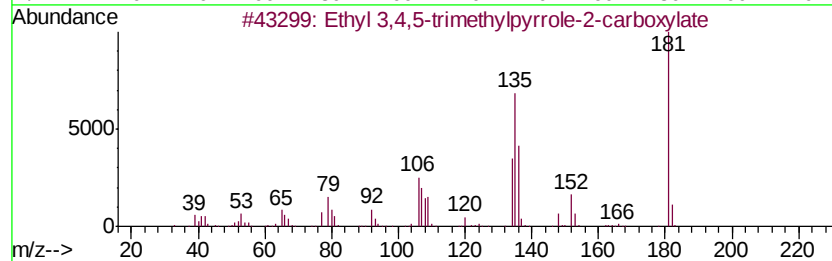
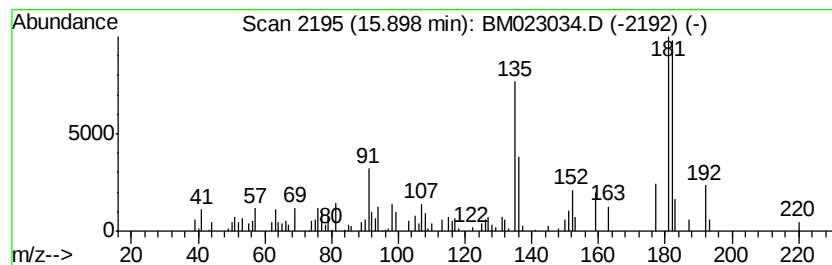
Instrument :
BNA_M
ClientSampleId :
DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Ethyl 3,4,5-trimethylpyrrol... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.90	2.02 ng/ul	200766	Phenanthrene-d10		17.15		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl 3,4,5-trimethylpyrrole-2-c...	181	C10H15N02	002199-46-4	53
2			Dibenzofuran, 4-methyl-	182	C13H100	007320-53-8	46
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H100	014562-09-5	41
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H100	003218-36-8	38
5			3-(1-Naphthyl)acrylaldehyde	182	C13H100	001504-73-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

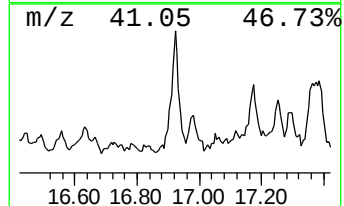
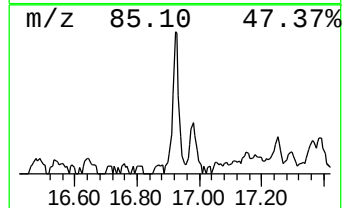
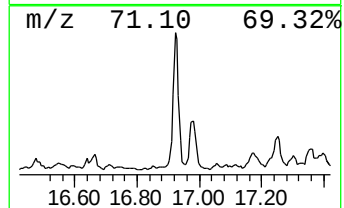
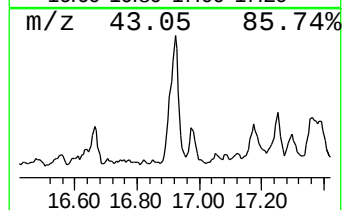
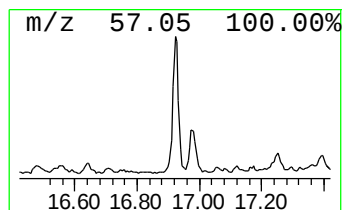
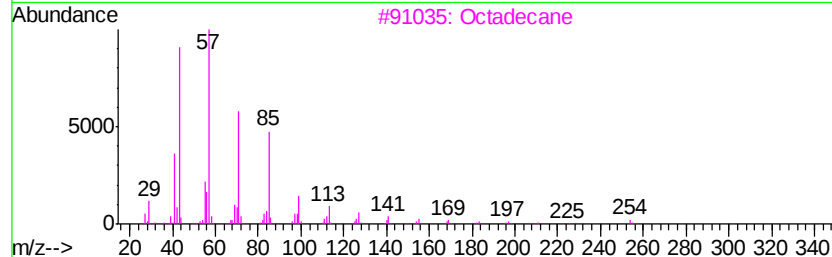
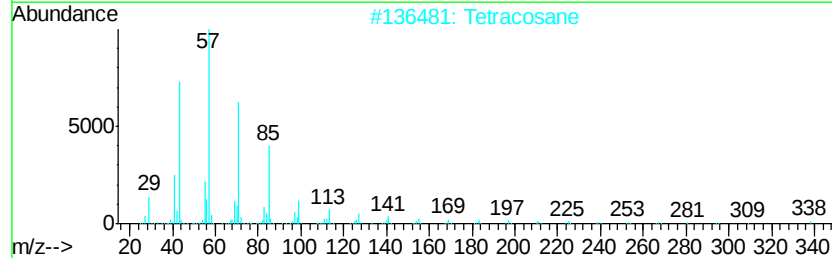
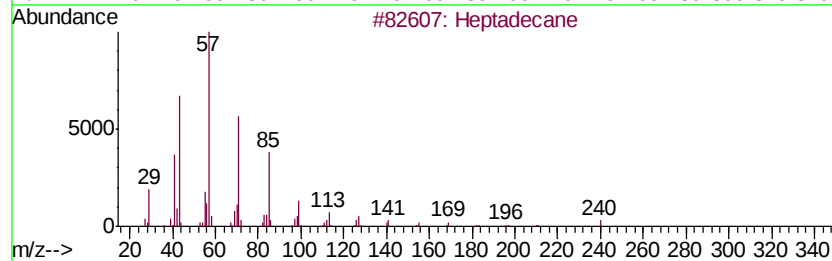
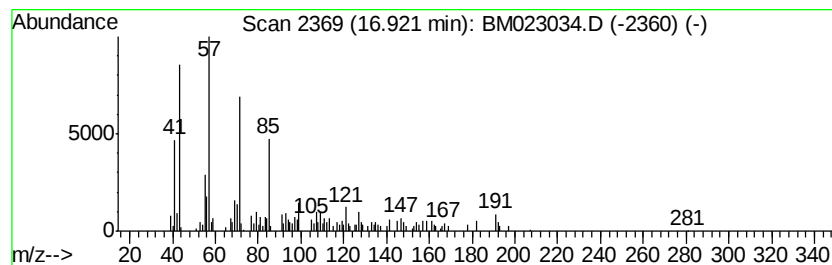
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	2.66 ng/ul	264453	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	68
2		Tetracosane	338	C24H50	000646-31-1	68
3		Octadecane	254	C18H38	000593-45-3	68
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	68
5		Hexatriacontane	507	C36H74	000630-06-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

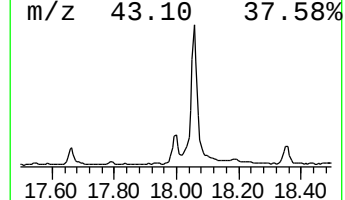
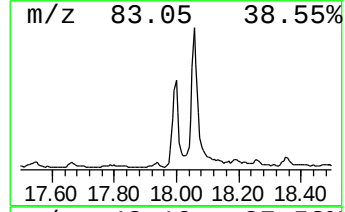
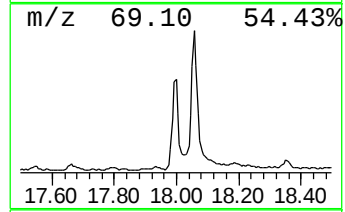
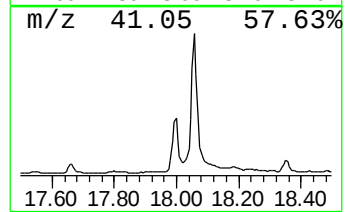
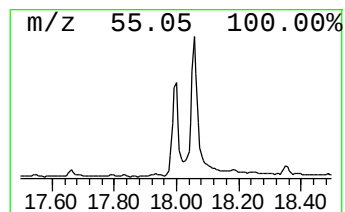
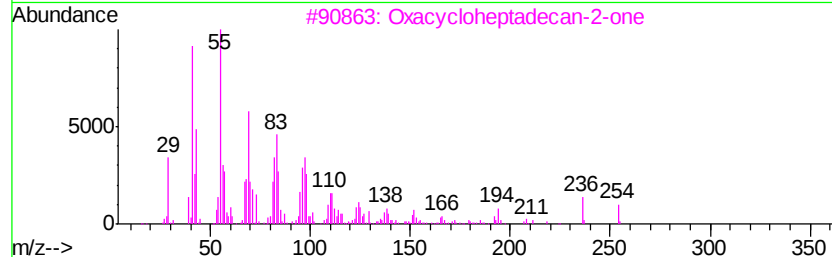
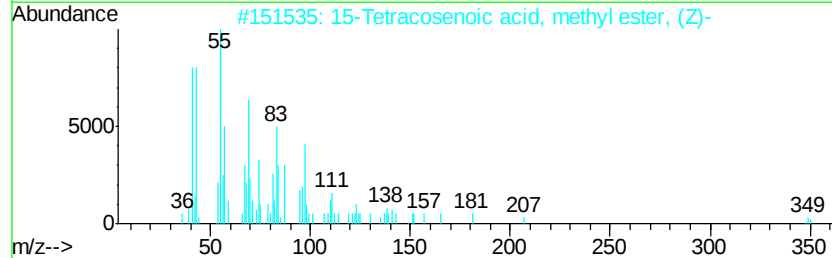
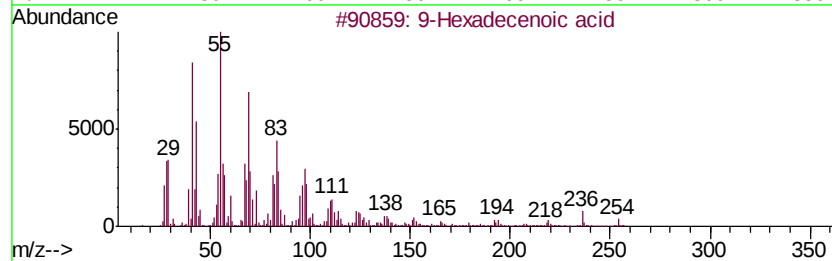
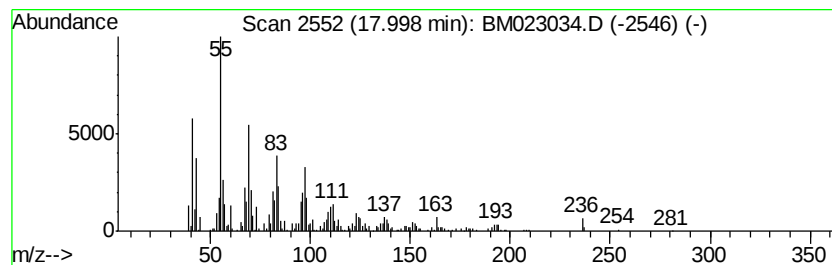
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 9-Hexadecenoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	5.78 ng/ul	574388	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
2			15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	90
3			Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	87
4			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	86
5			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

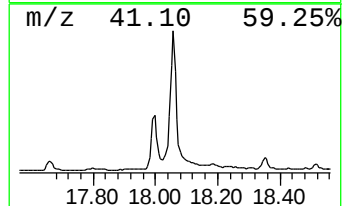
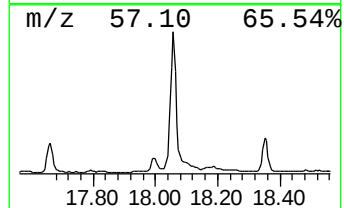
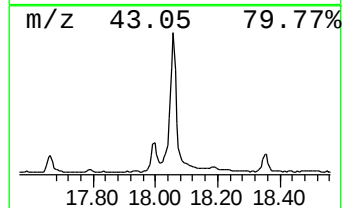
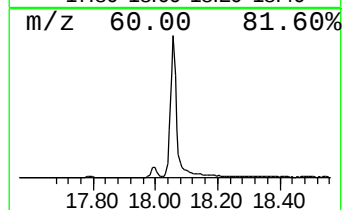
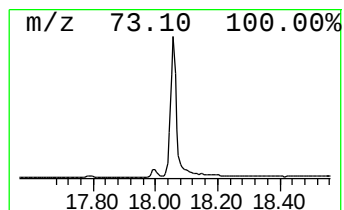
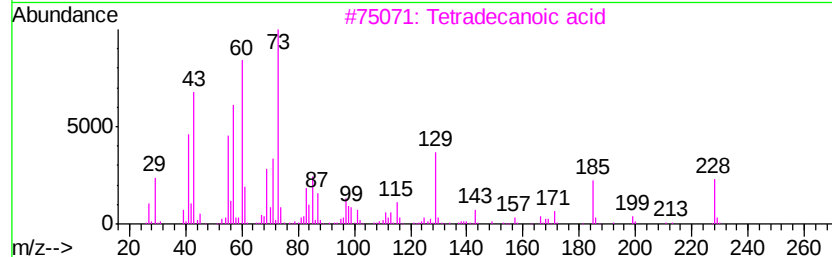
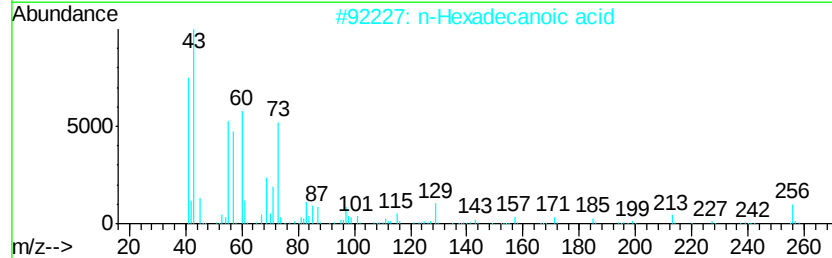
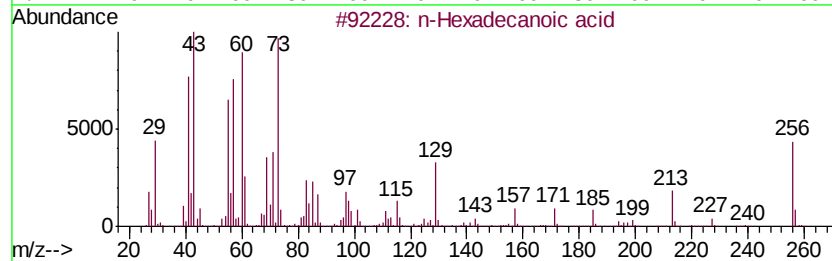
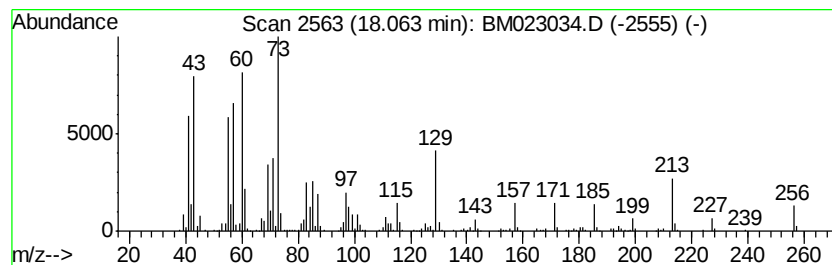
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	17.75 ng/ul	1764700	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DBAE0

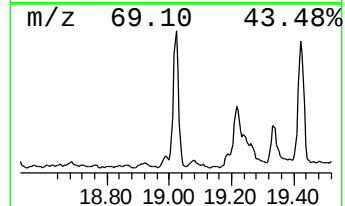
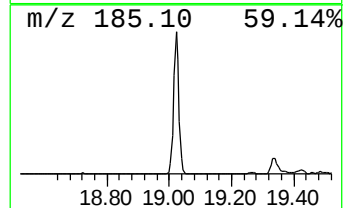
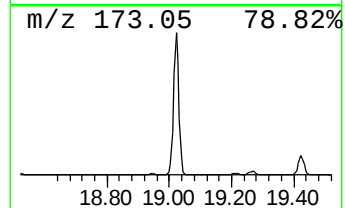
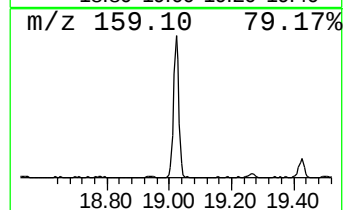
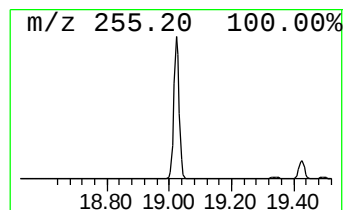
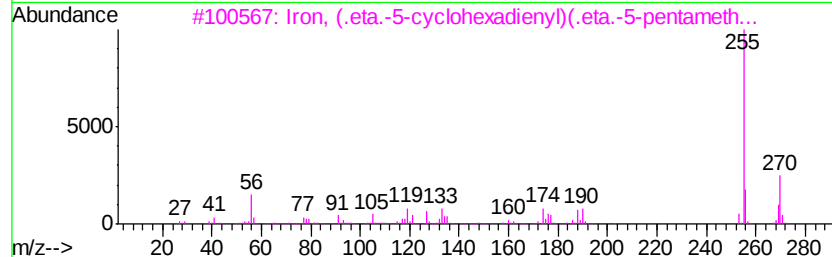
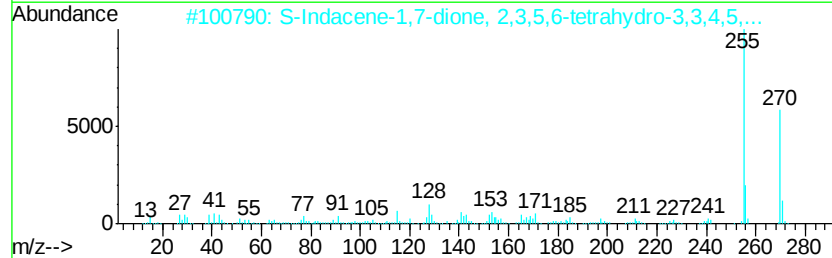
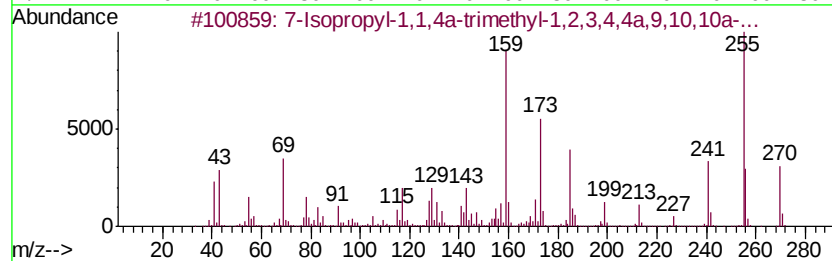
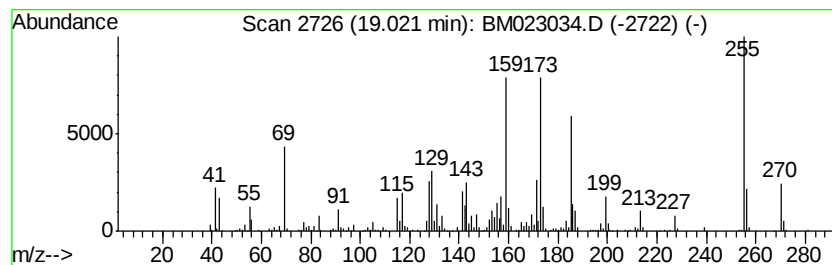
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	8.19 ng/ul	814355	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	93
2			S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	30
3			Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	18
4			2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	14
5			2-(4'-Methoxyphenyl)-2-(3'-methy...	270	C18H22O2	1000283-53-6	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

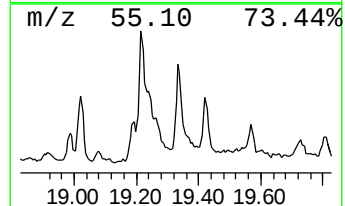
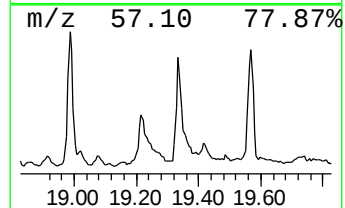
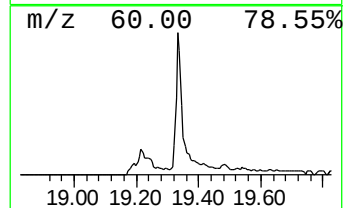
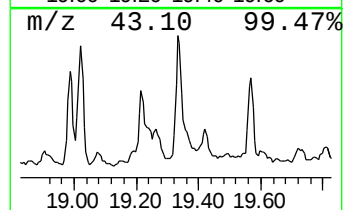
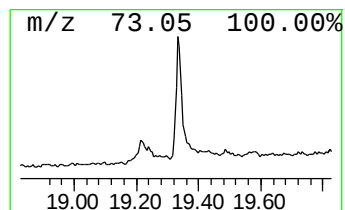
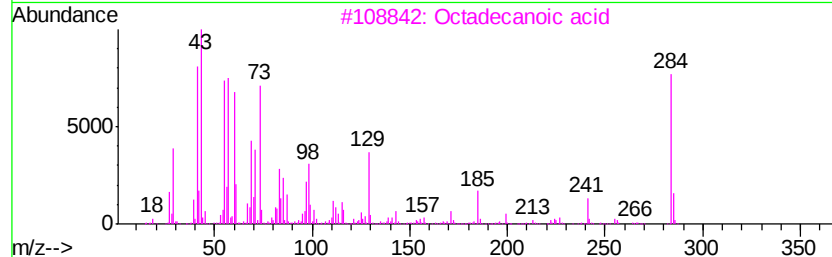
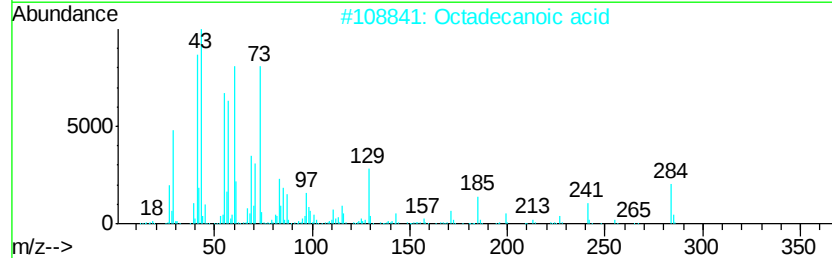
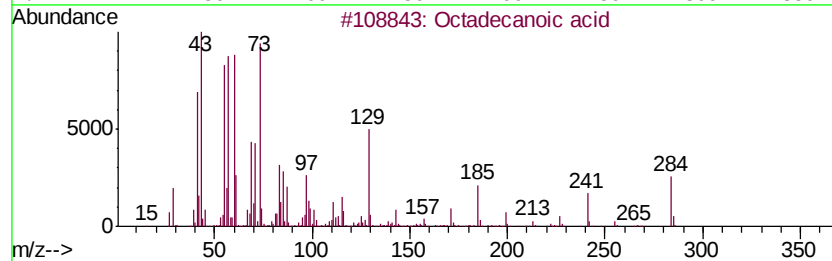
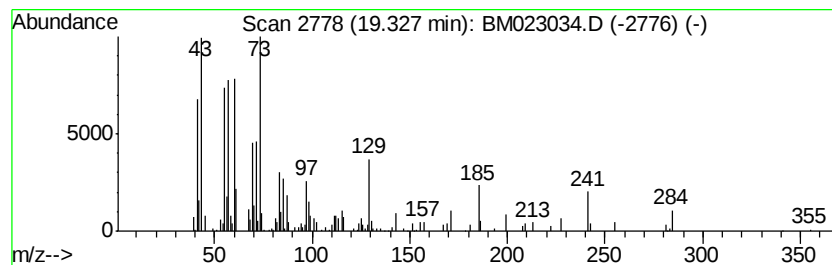
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Octadecanoic acid Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.83 ng/ul	338319	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

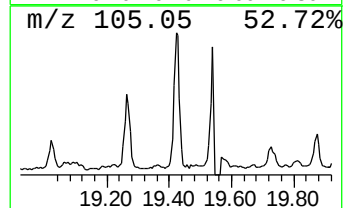
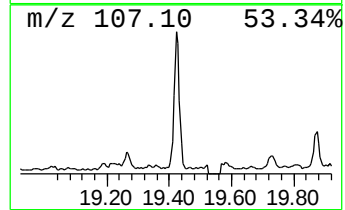
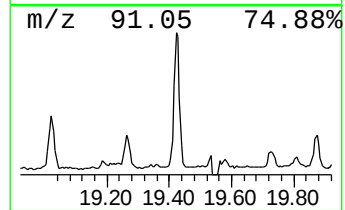
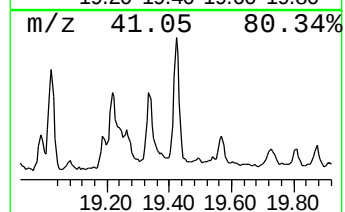
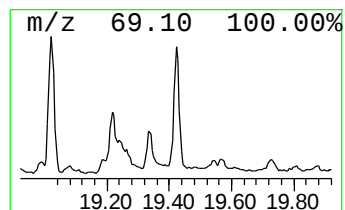
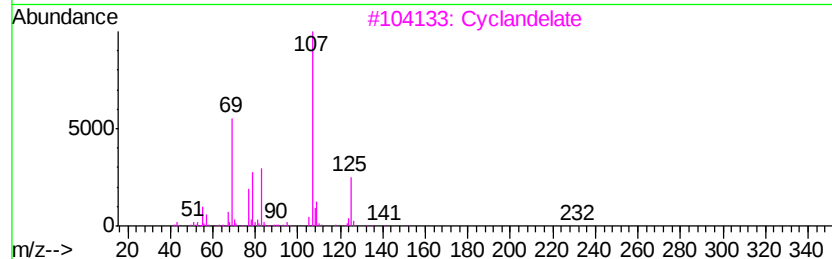
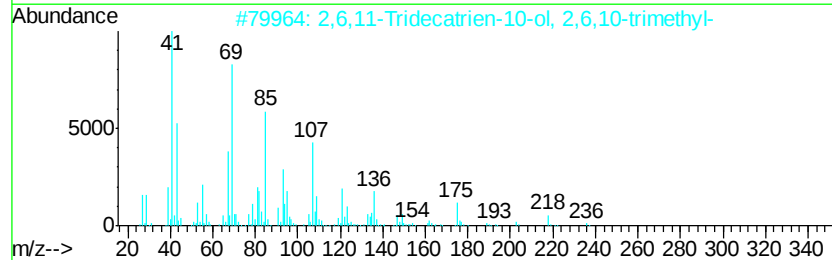
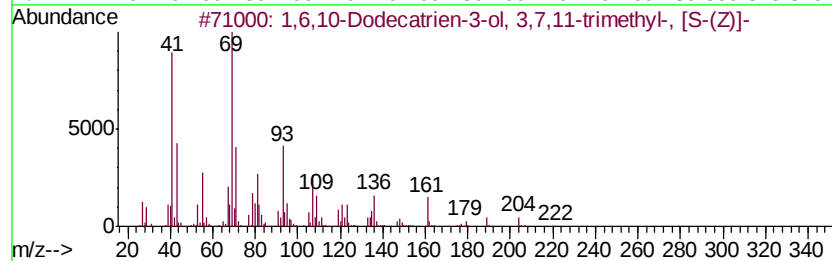
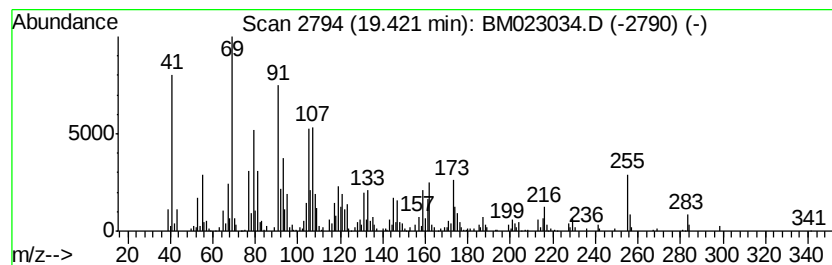
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1,6,10-Dodecatrien-3-ol, 3,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	4.07 ng/ul	486566	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	000142-50-7	51
2		2,6,11-Tridecatrien-10-ol, 2,6,1...	236	C16H28O	1000161-90-4	38
3		Cyclandelate	276	C17H24O3	000456-59-7	35
4		Cyclandelate	276	C17H24O3	000456-59-7	35
5		1,6,10-Dodecatriene, 7,11-dimeth...	204	C15H24	077129-48-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

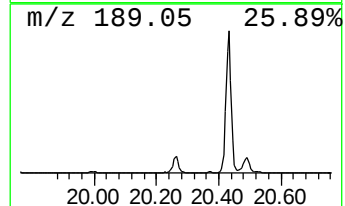
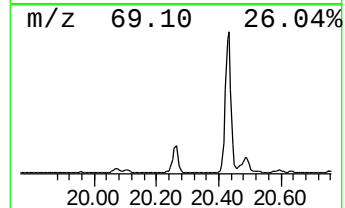
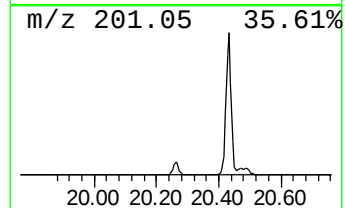
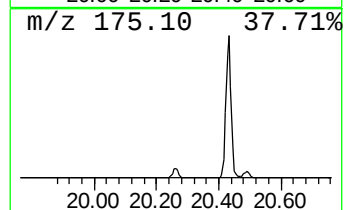
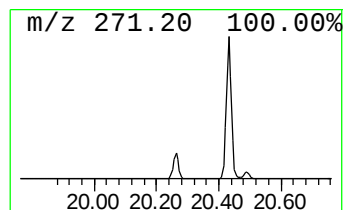
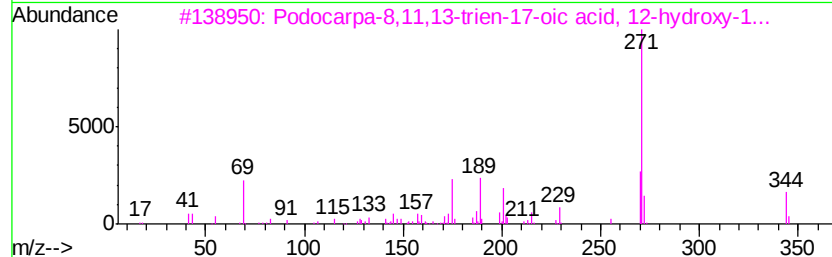
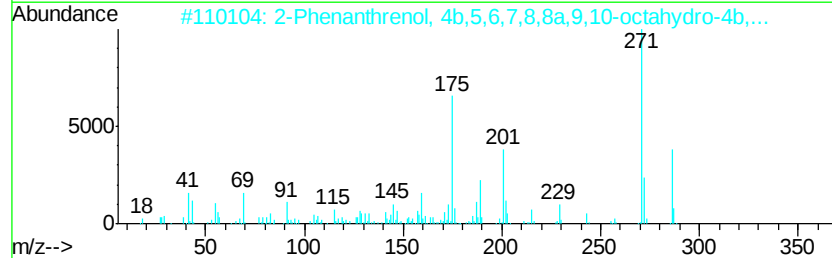
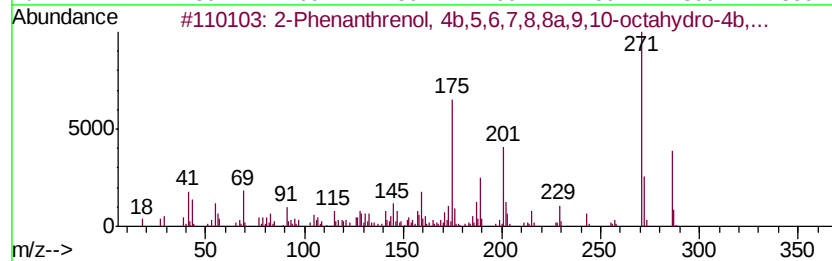
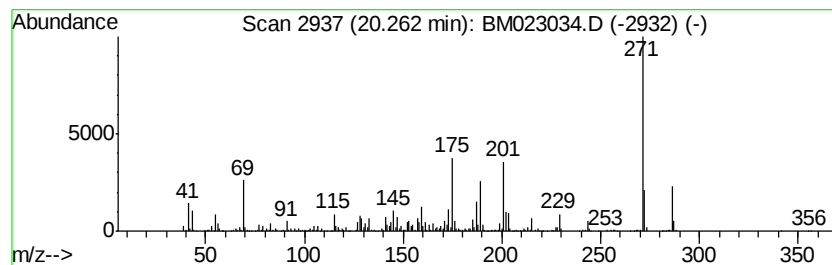
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	9.53 ng/ul	1139410	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
2		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	92
3		Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	59
4		2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	59
5		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

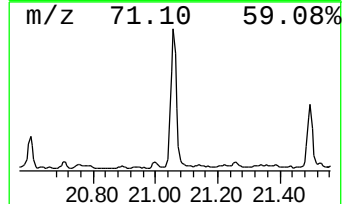
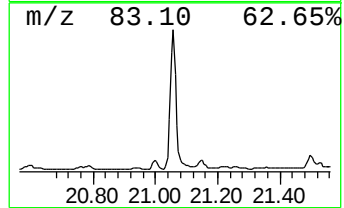
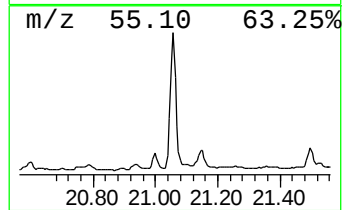
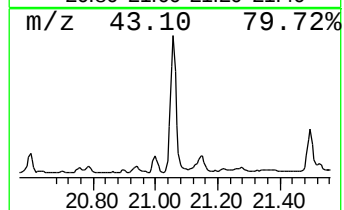
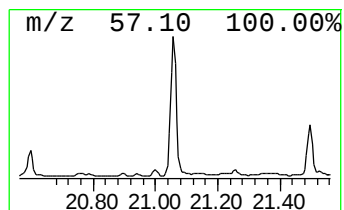
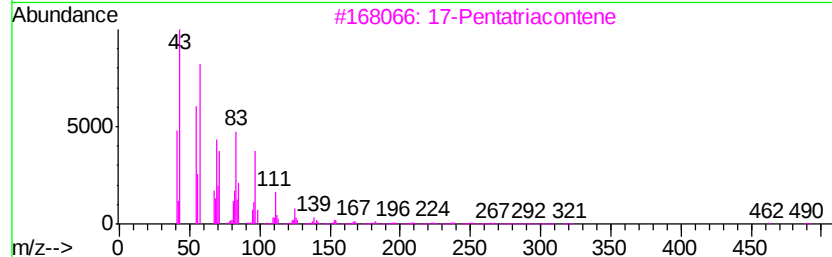
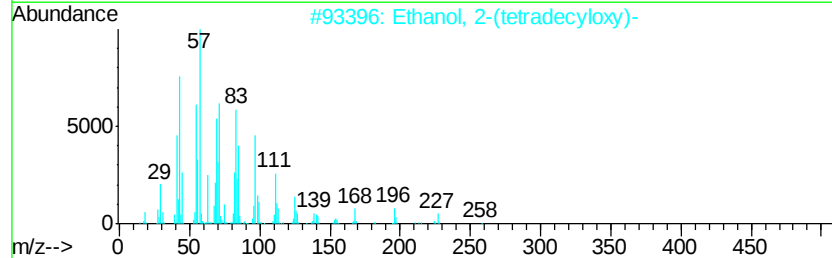
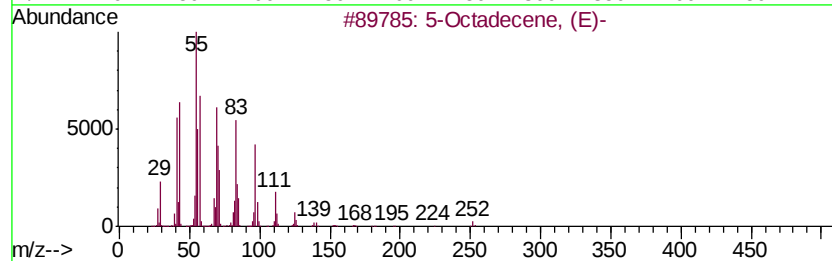
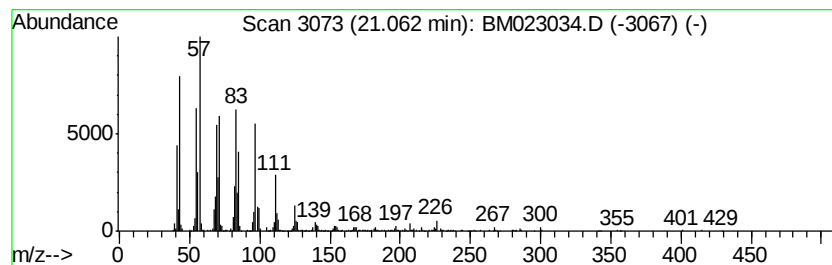
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic21.06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	11.39 ng/ul	1360910	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Cyclotetracosane	336	C24H48	000297-03-0	90
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

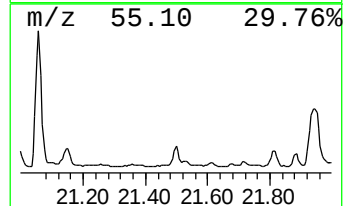
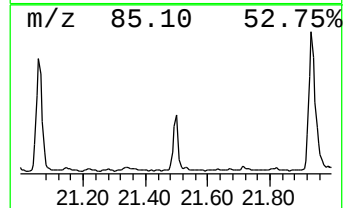
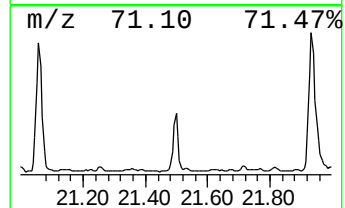
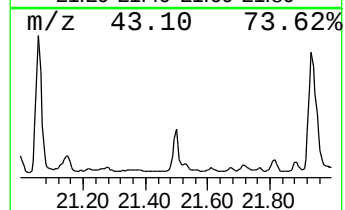
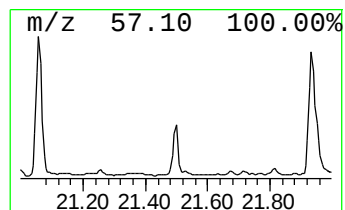
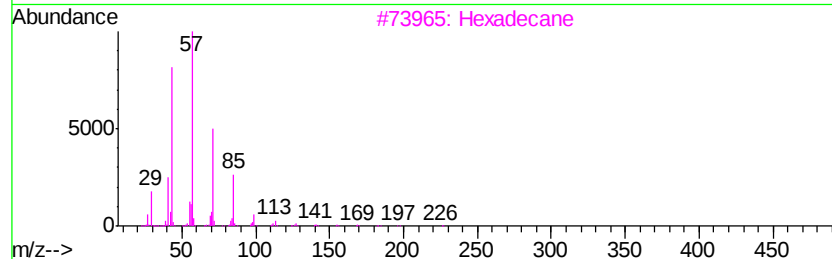
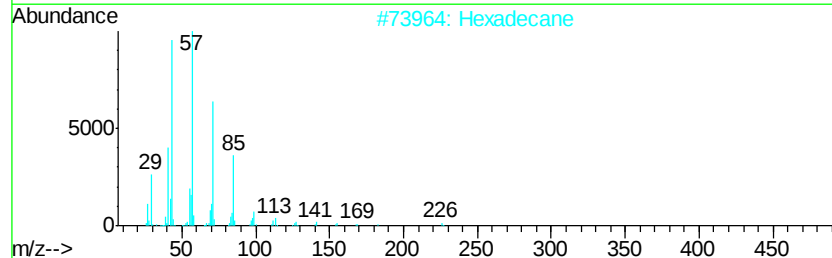
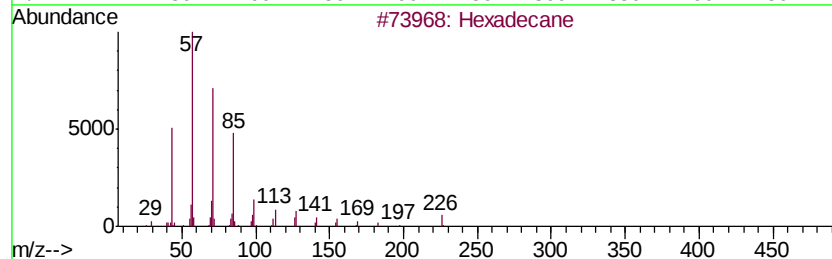
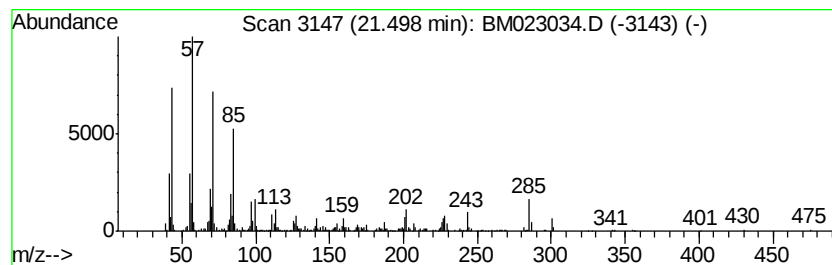
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	4.38 ng/ul	523125	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	98
2		Hexadecane	226	C16H34	000544-76-3	96
3		Hexadecane	226	C16H34	000544-76-3	95
4		Heneicosane	296	C21H44	000629-94-7	94
5		Octadecane	254	C18H38	000593-45-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

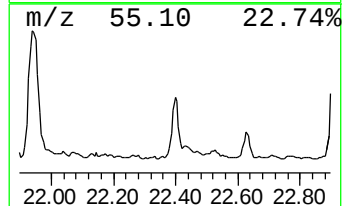
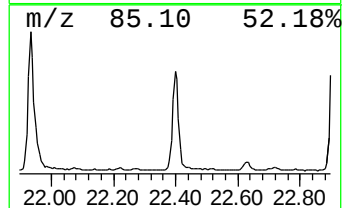
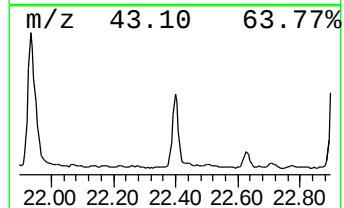
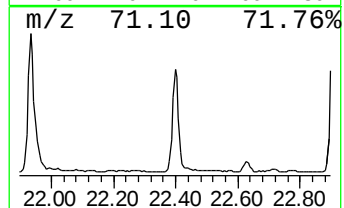
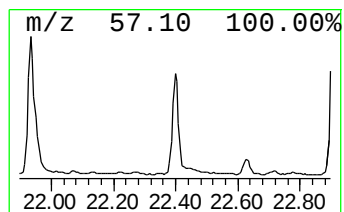
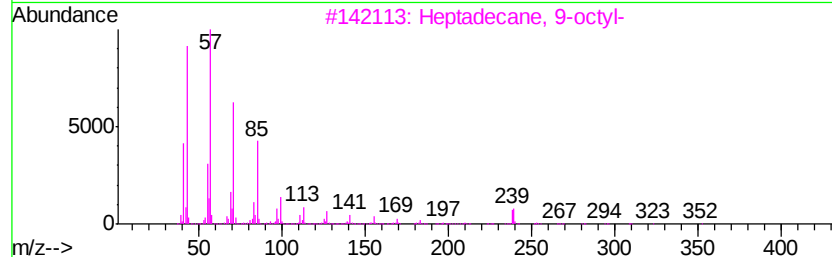
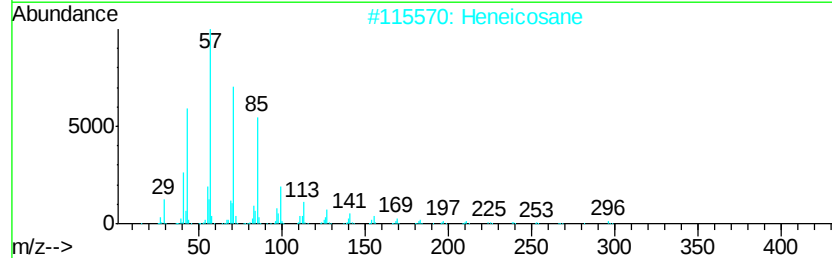
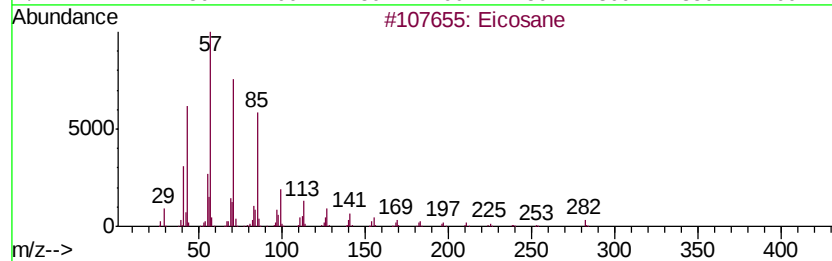
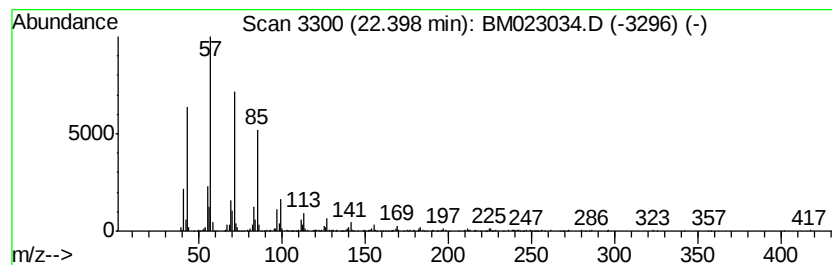
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	4.11 ng/ul	491170	Chrysene-d12	21.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

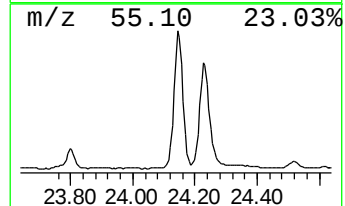
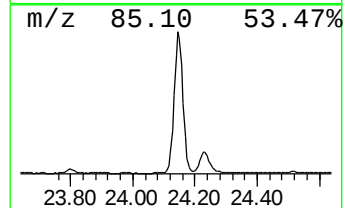
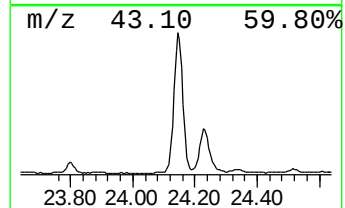
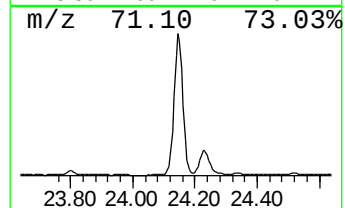
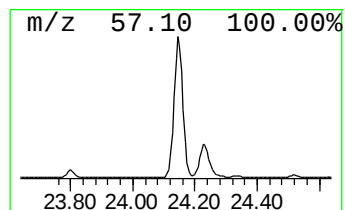
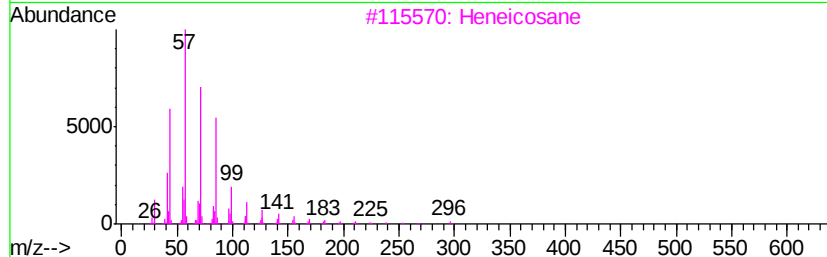
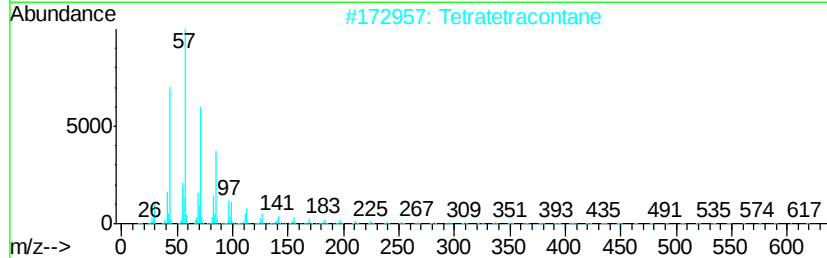
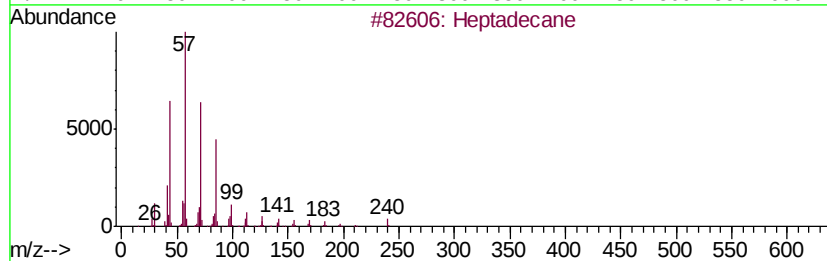
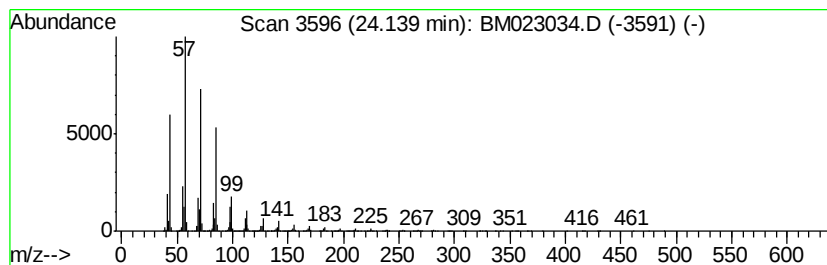
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	39.29 ng/ul	4785410	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

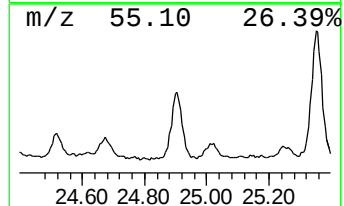
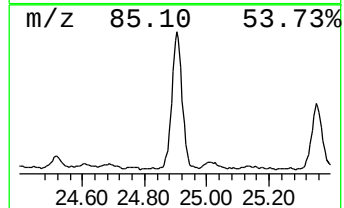
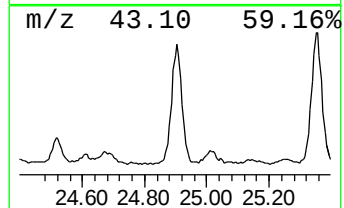
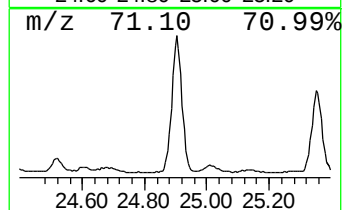
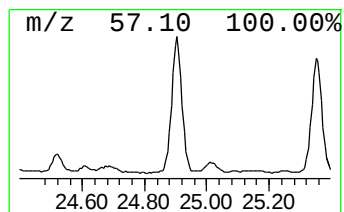
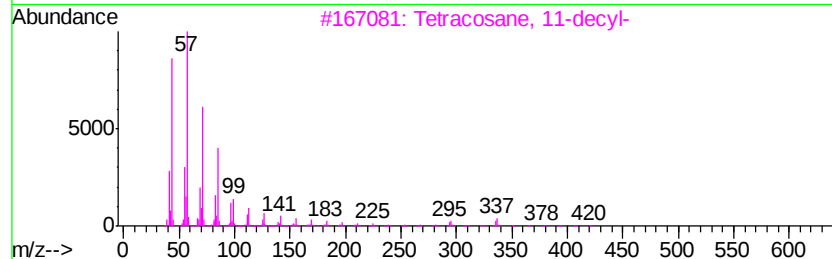
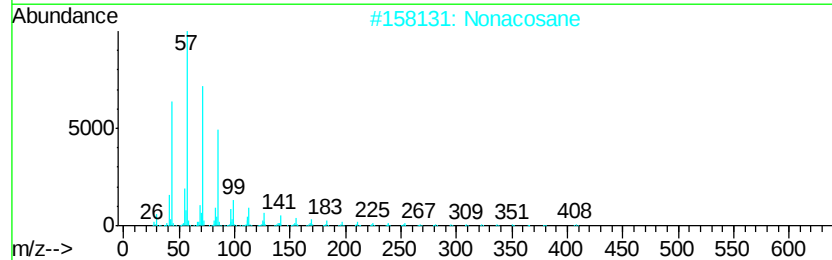
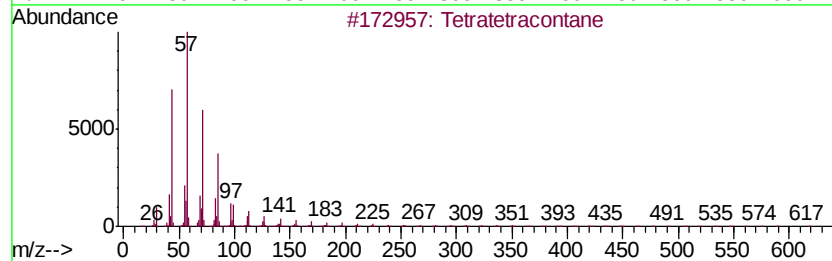
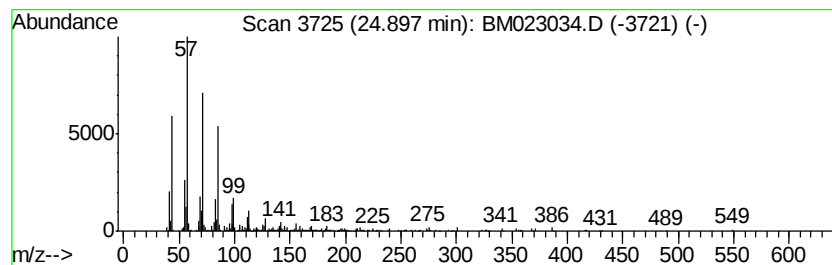
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	6.92 ng/ul	842953	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Nonacosane	408	C29H60	000630-03-5	87
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

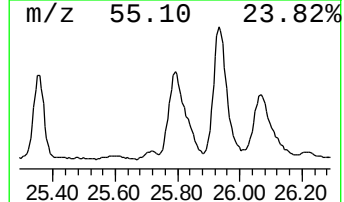
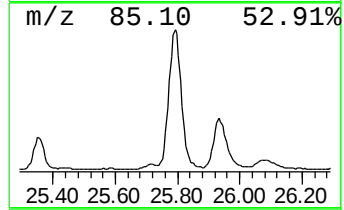
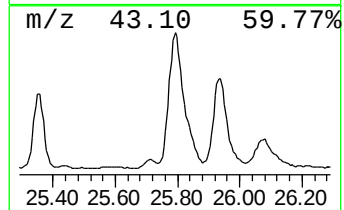
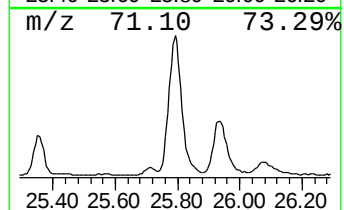
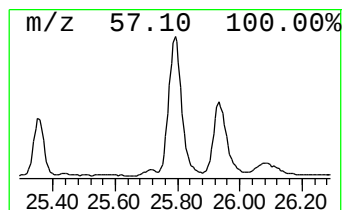
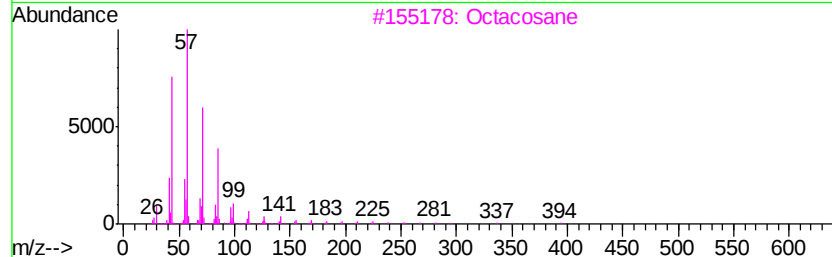
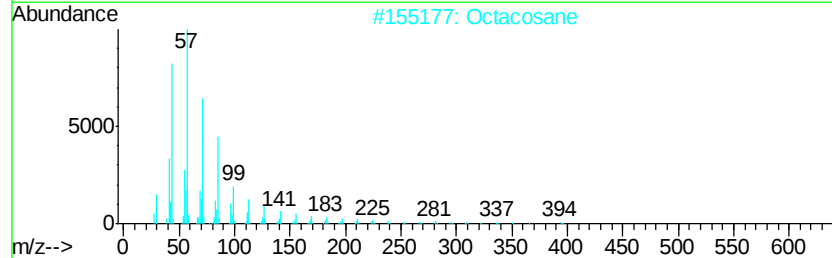
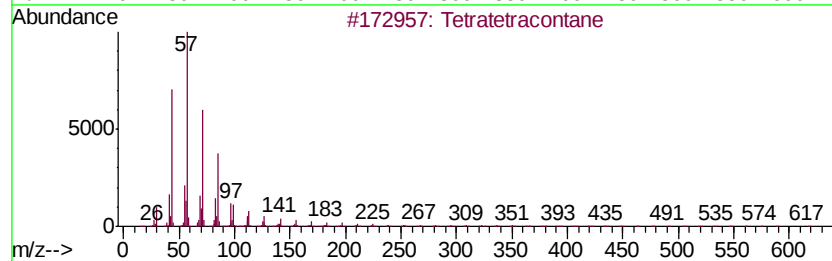
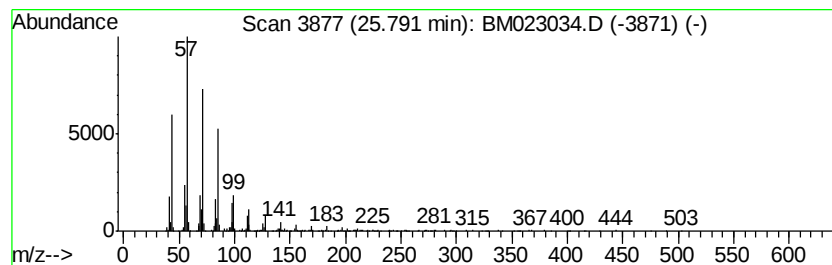
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	22.97 ng/ul	2796830	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
Data File : BM023034.D
Acq On : 07 Oct 2019 16:19
Operator : JU
Sample : K5056-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAE0

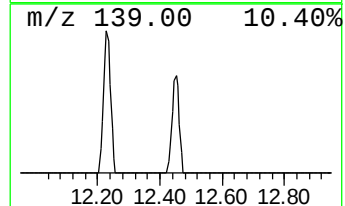
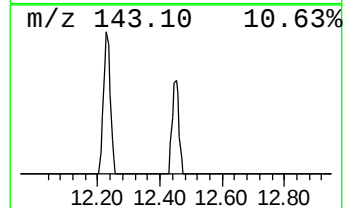
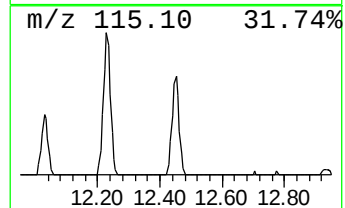
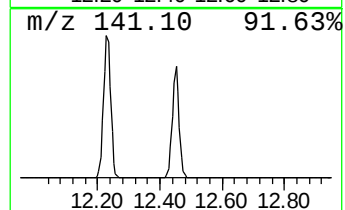
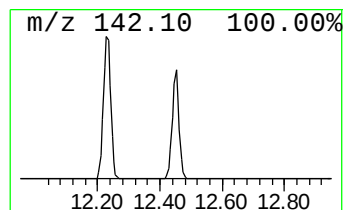
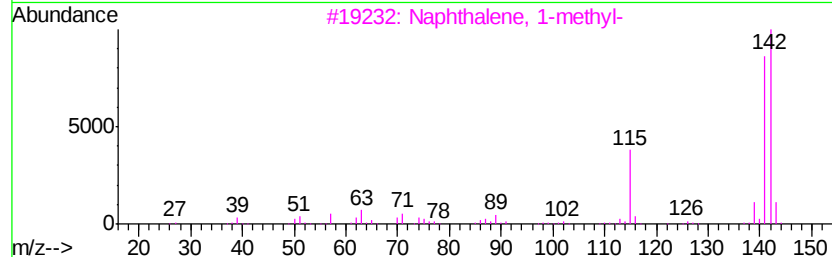
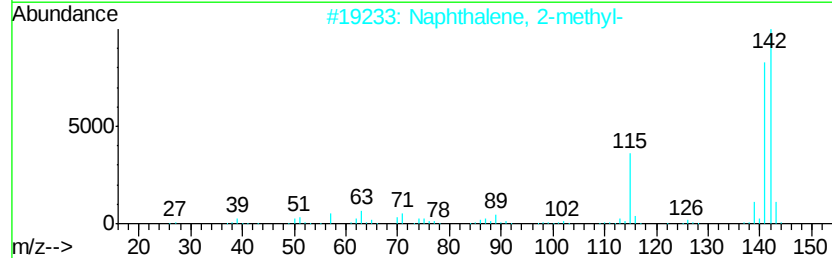
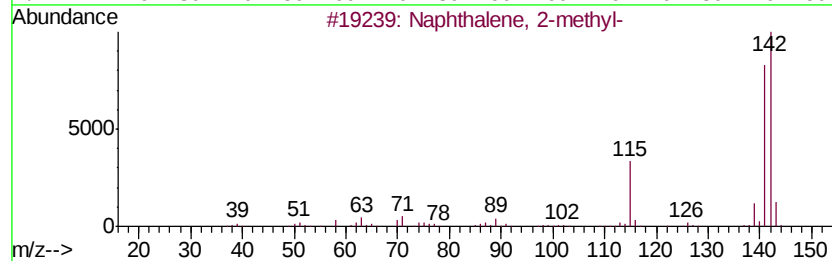
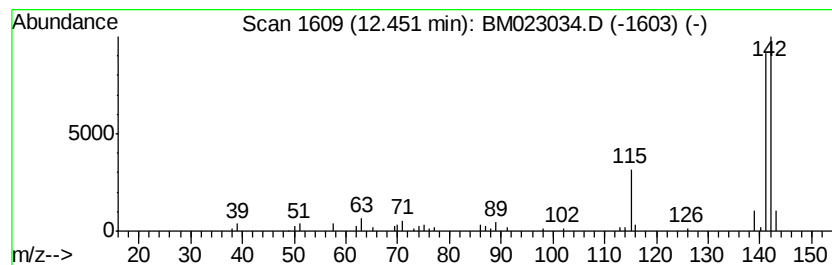
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 Naphthalene, 1-methyl- Concentration Rank 48
Library Used: C:\DATABASE\NIST11.L

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	1.99 ng/ul	133291	Naphthalene-d8	10.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100719\
 Data File : BM023034.D
 Acq On : 07 Oct 2019 16:19
 Operator : JU
 Sample : K5056-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1S-.alpha.-Pinene	6.48	7.0	ng/ul	319596	1	7.78	907033	20.0
Camphene	6.78	3.5	ng/ul	156291	1	7.78	907033	20.0
Cyclohexene, 4-me...	7.22	2.8	ng/ul	128400	1	7.78	907033	20.0
Bicyclo[2.2.1]hep...	9.99	2.2	ng/ul	149167	2	10.56	1336400	20.0
1,3-Benzodioxole,...	12.03	31.0	ng/ul	2072210	2	10.56	1336400	20.0
Tetracyclo[6.1.0....	13.21	2.1	ng/ul	253008	3	14.42	2353700	20.0
1,4-Methano-1H-in...	13.43	2.6	ng/ul	302673	3	14.42	2353700	20.0
Benzene, 2,5-cycl...	13.57	2.7	ng/ul	315316	3	14.42	2353700	20.0
Tricyclo[5.4.0.0(...	13.60	2.6	ng/ul	305648	3	14.42	2353700	20.0
1,4-Methanoazulen...	13.69	21.5	ng/ul	2526040	3	14.42	2353700	20.0
Cedrene	13.74	9.2	ng/ul	1086370	3	14.42	2353700	20.0
Thujopsene	13.95	7.1	ng/ul	838241	3	14.42	2353700	20.0
Cyclohexene, 4-et...	14.24	6.1	ng/ul	716972	3	14.42	2353700	20.0
trans-.alpha.-Ber...	14.32	7.8	ng/ul	915105	3	14.42	2353700	20.0
Benzene, 1-methyl...	14.67	6.0	ng/ul	702346	3	14.42	2353700	20.0
(-)-.alpha.-Panas...	14.79	5.2	ng/ul	606606	3	14.42	2353700	20.0
Di-epi-.alpha.-ce...	14.90	2.4	ng/ul	278122	3	14.42	2353700	20.0
Epicedrol	15.70	17.2	ng/ul	2027280	3	14.42	2353700	20.0
Selina-6-en-4-ol	15.75	6.2	ng/ul	733229	3	14.42	2353700	20.0
Ethyl 3,4,5-trime...	15.90	2.0	ng/ul	200766	4	17.15	1988400	20.0
(DEL) Alkane: Str...	16.92	2.7	ng/ul	264453	4	17.15	1988400	20.0
9-Hexadecenoic acid	18.00	5.8	ng/ul	574388	4	17.15	1988400	20.0
n-Hexadecanoic acid	18.06	17.8	ng/ul	1764700	4	17.15	1988400	20.0
7-Isopropyl-1,1,4...	19.02	8.2	ng/ul	814355	4	17.15	1988400	20.0
Octadecanoic acid	19.33	2.8	ng/ul	338319	5	21.34	2390190	20.0
1,6,10-Dodecatric...	19.42	4.1	ng/ul	486566	5	21.34	2390190	20.0
2-Phenanthrenol, ...	20.26	9.5	ng/ul	1139410	5	21.34	2390190	20.0
(DEL) Alkane: Cyc...	21.06	11.4	ng/ul	1360910	5	21.34	2390190	20.0
(DEL) Alkane: Str...	21.50	4.4	ng/ul	523125	5	21.34	2390190	20.0
(DEL) Alkane: Str...	22.40	4.1	ng/ul	491170	5	21.34	2390190	20.0
(DEL) Alkane: Str...	24.14	39.3	ng/ul	4785410	6	23.59	2435680	20.0
(DEL) Alkane: Str...	24.90	6.9	ng/ul	842953	6	23.59	2435680	20.0
(DEL) Alkane: Str...	25.79	23.0	ng/ul	2796830	6	23.59	2435680	20.0
Naphthalene, 1-me...	12.45	2.0	ng/ul	133291	2	10.56	1336400	20.0

(C:\DATABASE\NIST11.L)