

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024180.D
 Acq On : 19 Dec 2019 18:47
 Operator : JU
 Sample : K6171-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BZ8

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-BM121719MA.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	2.999	17	19	28	rVB	40020	63629	1.16%	0.096%
2	3.404	85	88	92	rVB	23963	30512	0.56%	0.046%
3	3.499	100	104	111	rVB	94696	124582	2.28%	0.188%
4	3.610	119	123	130	rVB	27506	51565	0.94%	0.078%
5	3.693	134	137	144	rVB	38724	46316	0.85%	0.070%
6	4.246	228	231	236	rBV5	16876	24726	0.45%	0.037%
7	4.598	287	291	297	rBV	38153	61851	1.13%	0.093%
8	4.757	314	318	321	rBV6	8530	12122	0.22%	0.018%
9	5.975	520	525	530	rVB3	37876	61400	1.12%	0.093%
10	6.134	544	552	557	rBV	133863	204652	3.74%	0.309%
11	6.316	578	583	587	rBV4	11714	16854	0.31%	0.025%
12	6.428	597	602	607	rBV2	71495	113356	2.07%	0.171%
13	6.634	625	637	653	rBV2	575380	1208019	22.11%	1.824%
14	6.792	658	664	674	rVV	536288	913191	16.71%	1.379%
15	6.869	674	677	683	rVV5	20823	39369	0.72%	0.059%
16	6.975	689	695	706	rBV	695085	1148780	21.02%	1.735%
17	7.434	766	773	786	rBV	1119082	1863138	34.09%	2.813%
18	7.528	786	789	792	rVV5	10967	16919	0.31%	0.026%
19	7.581	795	798	801	rVB5	9592	11872	0.22%	0.018%
20	7.657	807	811	815	rVB3	18864	28518	0.52%	0.043%
21	7.710	815	820	823	rBV5	10121	14170	0.26%	0.021%
22	8.163	891	897	911	rBV	511050	938133	17.17%	1.417%
23	8.275	912	916	924	rVB	33321	62389	1.14%	0.094%
24	8.592	964	970	982	rBV	611934	1080672	19.78%	1.632%
25	9.028	1039	1044	1048	rVV3	33839	50621	0.93%	0.076%
26	9.310	1085	1092	1102	rBV	489517	868615	15.89%	1.312%
27	9.845	1176	1183	1197	rBV	678206	1373175	25.13%	2.073%
28	10.204	1237	1244	1257	rBV	1681724	2782391	50.92%	4.201%
29	10.369	1264	1272	1297	rBV	280157	823916	15.08%	1.244%
30	11.586	1474	1479	1483	rBV2	32101	49091	0.90%	0.074%
31	11.645	1485	1489	1495	rVB7	10542	20357	0.37%	0.031%
32	11.810	1512	1517	1521	rBV4	11256	20376	0.37%	0.031%
33	12.939	1702	1709	1712	rBV8	8743	12342	0.23%	0.019%
34	13.416	1784	1790	1797	rBV8	30407	48762	0.89%	0.074%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024180.D
 Acq On : 19 Dec 2019 18:47
 Operator : JU
 Sample : K6171-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BZ8

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-BM121719MA.M
 Title : SVOA CALIBRATION

35	13.527	1803	1809	1814	rBV	1536358	2228269	40.78%	3.365%
36	13.574	1814	1817	1826	rVB	242869	353033	6.46%	0.533%
37	13.786	1846	1853	1865	rBV	1809083	2712211	49.63%	4.095%
38	14.033	1891	1895	1900	rBV7	8205	12832	0.23%	0.019%
39	14.098	1900	1906	1914	rBV	2528565	3807103	69.67%	5.749%
40	14.163	1915	1917	1923	rVB5	14950	22315	0.41%	0.034%
41	14.363	1945	1951	1968	rVV	200287	580394	10.62%	0.876%
42	14.474	1968	1970	1973	rVV4	18710	25615	0.47%	0.039%
43	14.521	1973	1978	1980	rVV6	29220	56905	1.04%	0.086%
44	14.557	1980	1984	1998	rVB4	60465	136105	2.49%	0.206%
45	14.927	2044	2047	2055	rVV3	20834	34422	0.63%	0.052%
46	14.980	2055	2056	2062	rVB5	9406	13552	0.25%	0.020%
47	15.104	2070	2077	2085	rBV	2425804	3462603	63.36%	5.229%
48	15.180	2085	2090	2095	rVV2	68046	117841	2.16%	0.178%
49	15.257	2097	2103	2113	rBV	471185	764066	13.98%	1.154%
50	15.345	2113	2118	2123	rVB5	33039	62445	1.14%	0.094%
51	15.551	2149	2153	2157	rVB6	17253	21897	0.40%	0.033%
52	15.692	2175	2177	2183	rVB7	8505	12708	0.23%	0.019%
53	15.745	2183	2186	2191	rBV6	8869	14681	0.27%	0.022%
54	15.804	2193	2196	2201	rVV6	7995	14144	0.26%	0.021%
55	15.851	2201	2204	2207	rVV4	13216	19589	0.36%	0.030%
56	15.892	2207	2211	2216	rVB6	11240	21130	0.39%	0.032%
57	16.098	2240	2246	2251	rBV9	23667	41856	0.77%	0.063%
58	16.298	2276	2280	2285	rBV8	15898	31952	0.58%	0.048%
59	16.421	2297	2301	2308	rVB3	28106	46334	0.85%	0.070%
60	16.527	2312	2319	2324	rVB9	19336	38969	0.71%	0.059%
61	16.609	2330	2333	2336	rVV5	7790	12351	0.23%	0.019%
62	16.645	2336	2339	2343	rVV2	24720	39298	0.72%	0.059%
63	16.680	2343	2345	2350	rVB3	15563	18645	0.34%	0.028%
64	16.786	2359	2363	2369	rBV8	16995	34230	0.63%	0.052%
65	16.857	2369	2375	2380	rVV	3160121	4387461	80.29%	6.625%
66	16.898	2380	2382	2387	rVV	437519	531704	9.73%	0.803%
67	16.957	2387	2392	2406	rVV	2408051	3528181	64.56%	5.328%
68	17.062	2406	2410	2417	rVB6	29799	58716	1.07%	0.089%
69	17.174	2425	2429	2436	rVB4	39524	65750	1.20%	0.099%
70	17.274	2436	2446	2453	rBV2	56910	124936	2.29%	0.189%
71	17.386	2462	2465	2469	rVB5	13172	15592	0.29%	0.024%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024180.D
 Acq On : 19 Dec 2019 18:47
 Operator : JU
 Sample : K6171-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BZ8

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-BM121719MA.M
 Title : SVOA CALIBRATION

72	17.668	2507	2513	2518	rBV6	49246	84808	1.55%	0.128%
73	17.733	2520	2524	2528	rVB2	46007	65893	1.21%	0.099%
74	17.786	2528	2533	2541	rBV	370342	575752	10.54%	0.869%
75	17.927	2552	2557	2561	rBV2	71051	107328	1.96%	0.162%
76	18.080	2580	2583	2584	rBV2	11472	12060	0.22%	0.018%
77	18.245	2608	2611	2615	rBV3	32644	46646	0.85%	0.070%
78	18.292	2615	2619	2626	rVV4	52877	75886	1.39%	0.115%
79	18.498	2650	2654	2659	rBV7	21087	38383	0.70%	0.058%
80	18.668	2679	2683	2685	rBV5	21148	29265	0.54%	0.044%
81	18.703	2685	2689	2696	rVV5	145621	202839	3.71%	0.306%
82	18.815	2704	2708	2716	rBV7	36661	74825	1.37%	0.113%
83	18.927	2719	2727	2735	rBV	1160056	1601428	29.30%	2.418%
84	19.080	2750	2753	2758	rBV4	62378	90522	1.66%	0.137%
85	19.156	2763	2766	2767	rBV3	26013	28653	0.52%	0.043%
86	19.268	2779	2785	2788	rBV	3103456	4609192	84.34%	6.960%
87	19.486	2818	2822	2826	rBV	51090	72837	1.33%	0.110%
88	19.621	2843	2845	2852	rVB3	35692	68748	1.26%	0.104%
89	19.803	2873	2876	2881	rVB2	97547	132650	2.43%	0.200%
90	19.903	2890	2893	2897	rBV2	73971	83745	1.53%	0.126%
91	20.809	3043	3047	3053	rBV2	788692	1166551	21.35%	1.761%
92	21.074	3085	3092	3096	rBV	3685870	5464775	100.00%	8.252%
93	21.109	3096	3098	3108	rVB	593013	695560	12.73%	1.050%
94	21.674	3191	3194	3202	rVB3	315986	456539	8.35%	0.689%
95	22.115	3266	3269	3274	rVB	369039	452951	8.29%	0.684%
96	22.586	3344	3349	3362	rVB2	901148	2109239	38.60%	3.185%
97	23.068	3426	3431	3436	rBV	2092518	3539067	64.76%	5.344%
98	23.115	3436	3439	3446	rVB3	773798	1321560	24.18%	1.996%
99	23.203	3448	3454	3460	rBV	2504487	4487924	82.12%	6.777%
100	23.721	3539	3542	3549	rVB	514051	873550	15.99%	1.319%

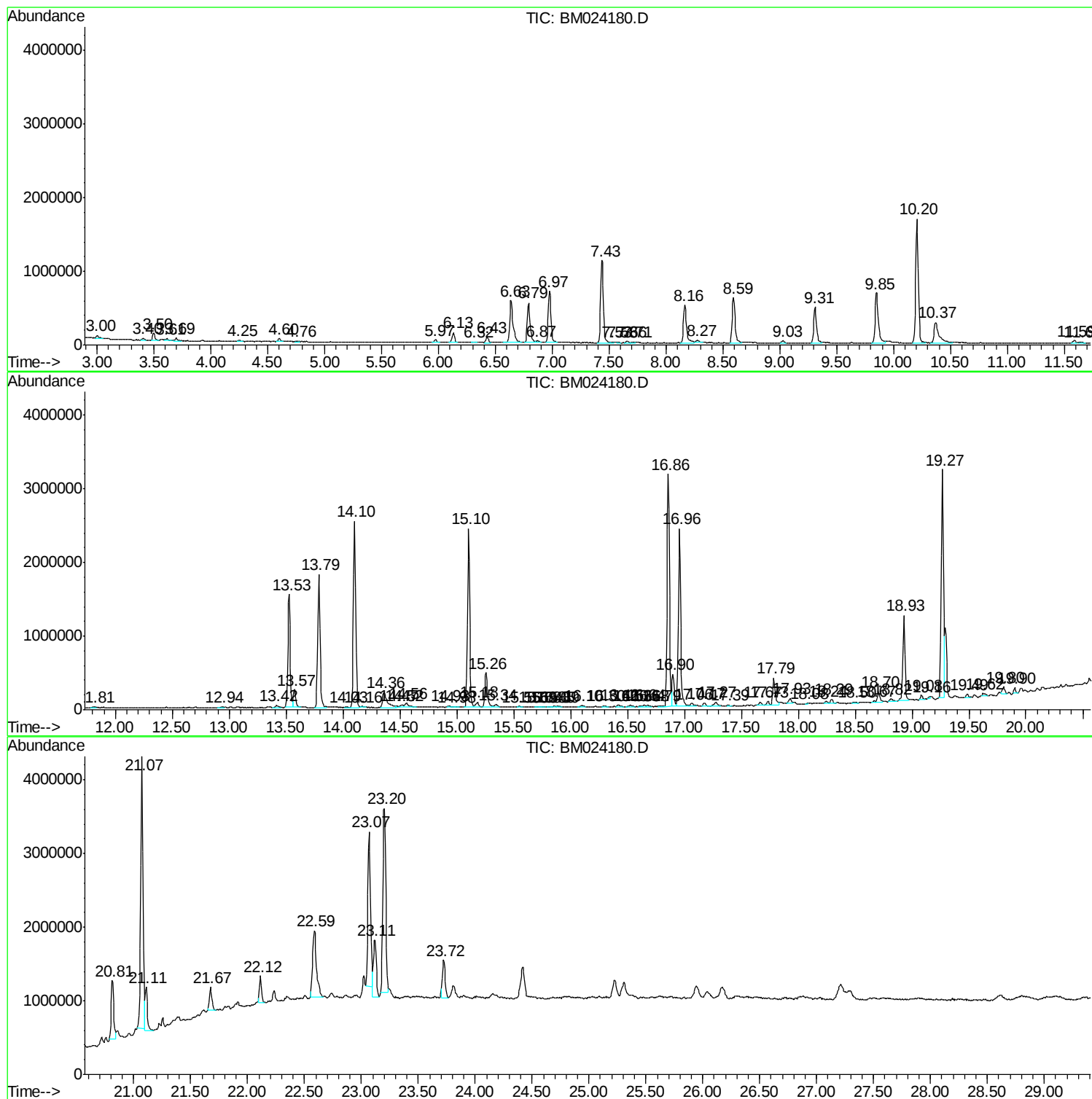
Sum of corrected areas: 66225392

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BZ8

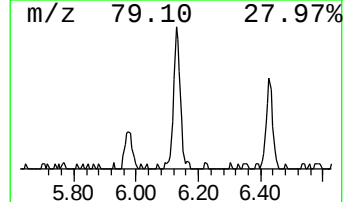
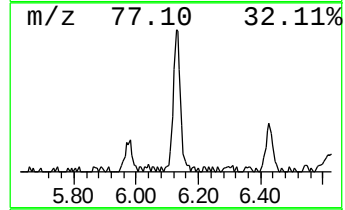
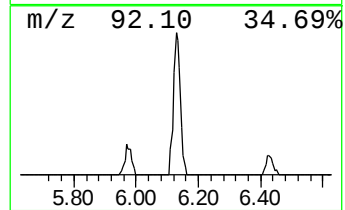
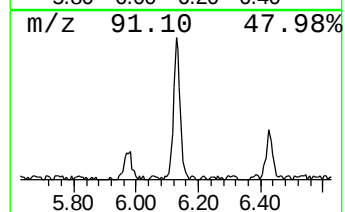
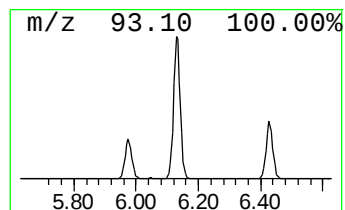
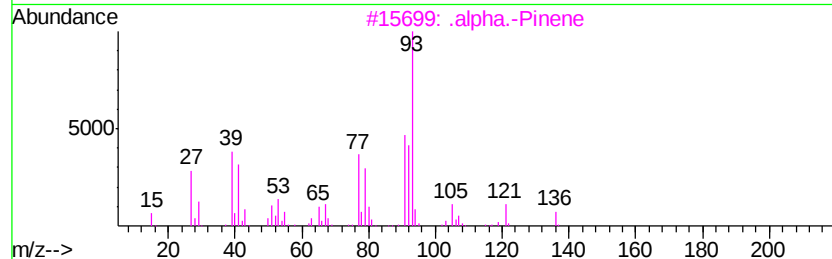
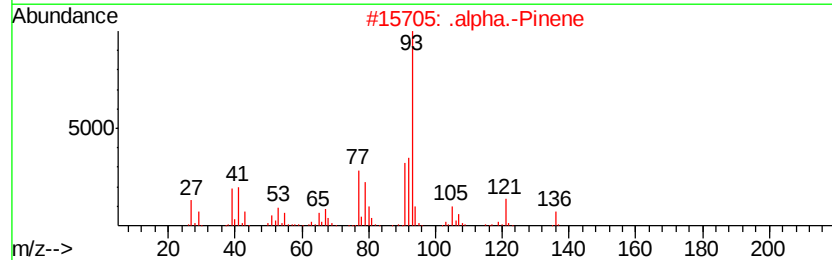
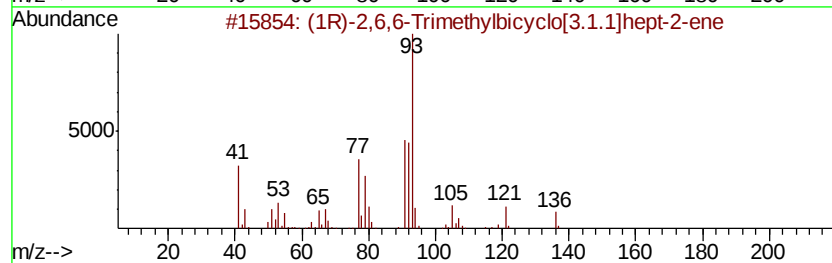
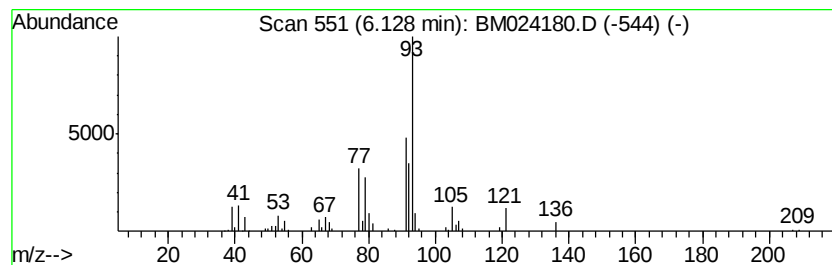
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	2.20 ng/ul	204652	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94
5		trans-.beta.-Ocimene	136	C10H16	003779-61-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BZ8

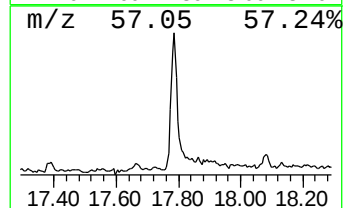
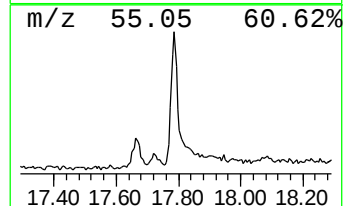
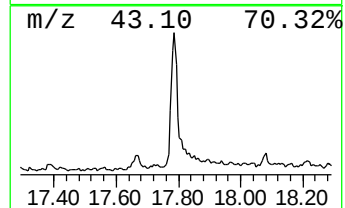
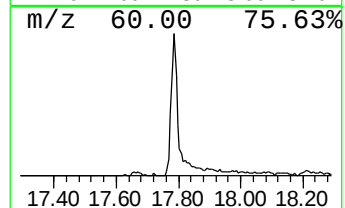
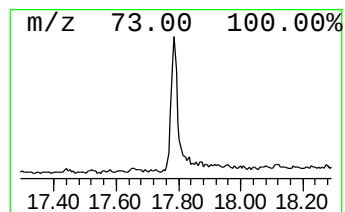
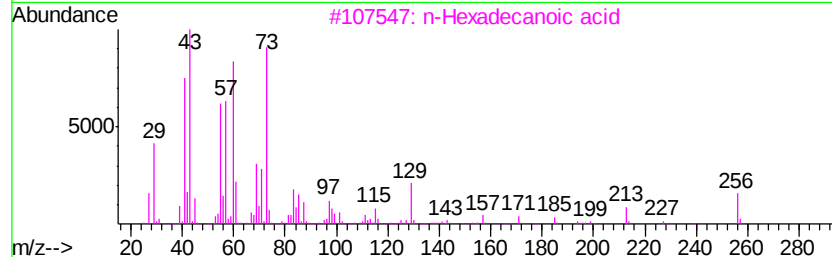
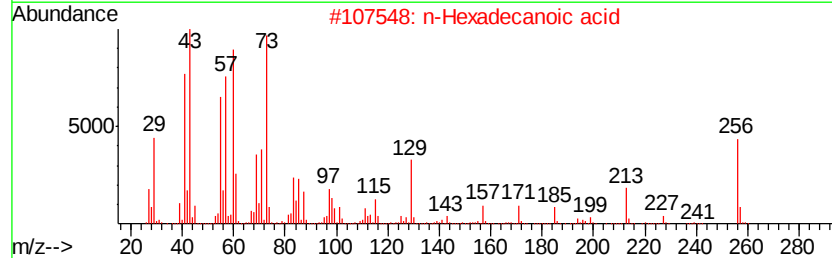
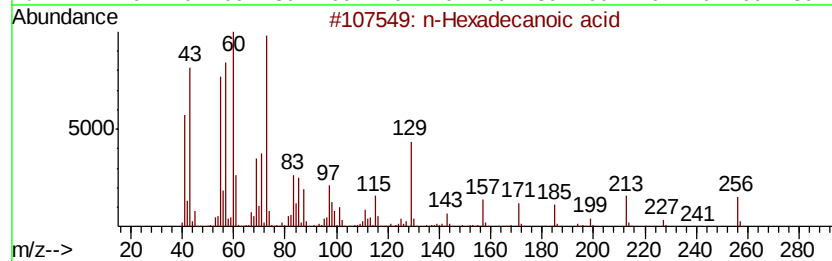
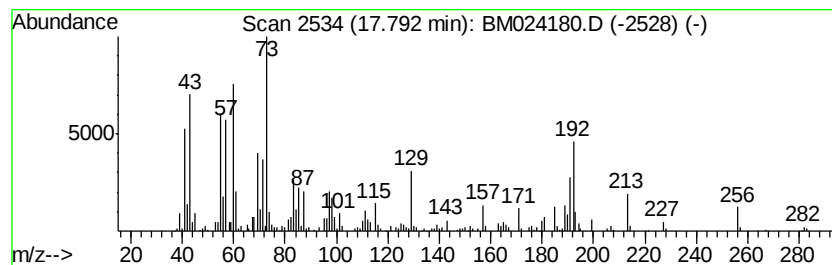
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.62 ng/ul	575752	Phenanthrene-d10	16.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BZ8

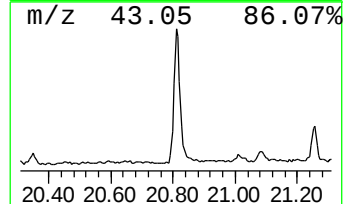
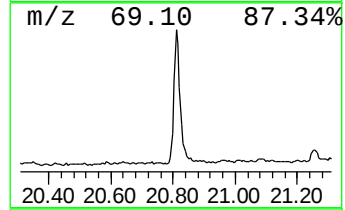
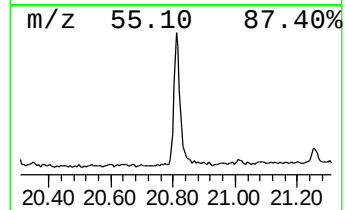
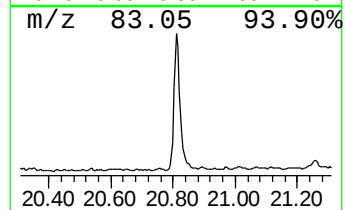
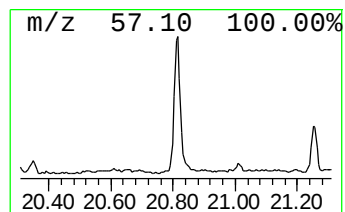
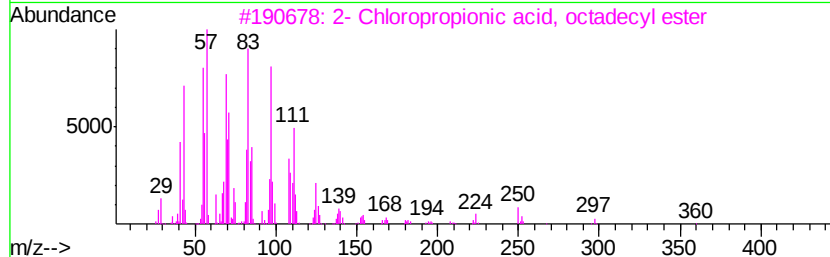
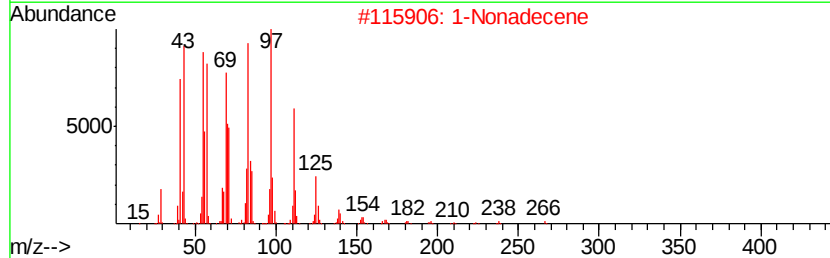
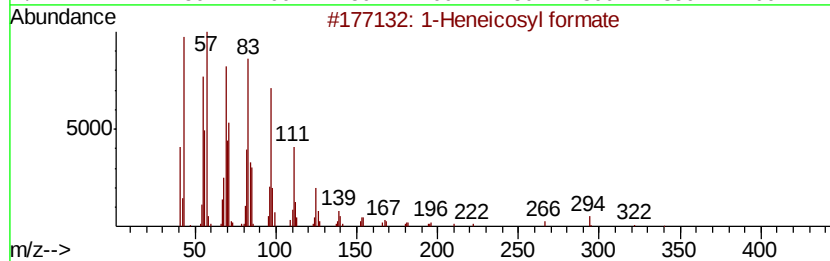
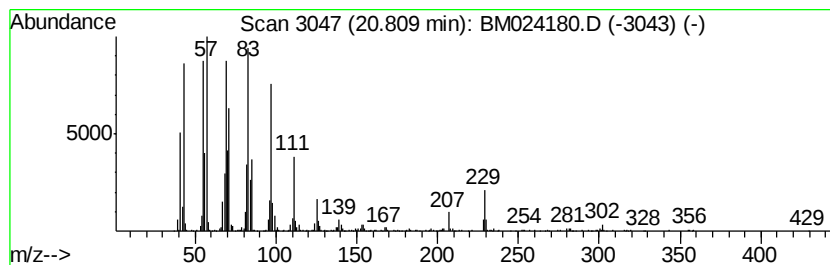
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	4.27 ng/ul	1166550	Chrysene-d12	21.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2			1-Nonadecene	266	C19H38	018435-45-5	91
3			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5			Behenic alcohol	326	C22H46O	000661-19-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BZ8

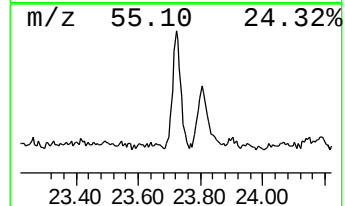
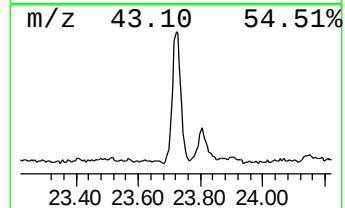
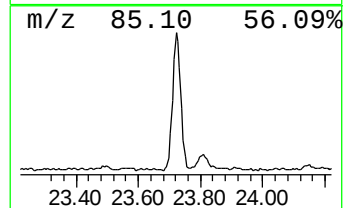
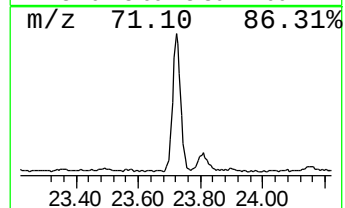
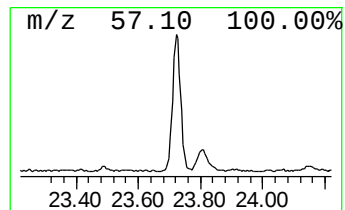
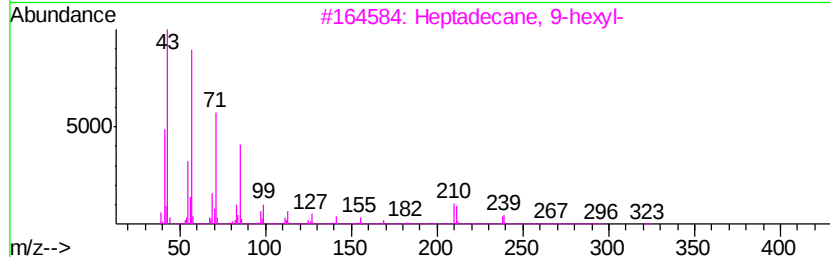
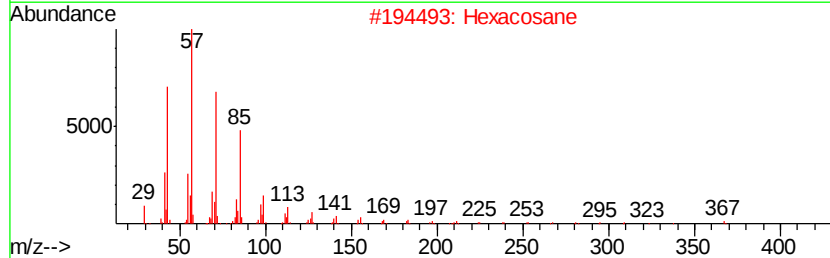
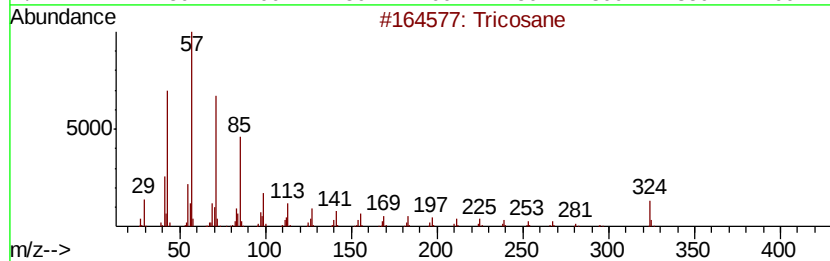
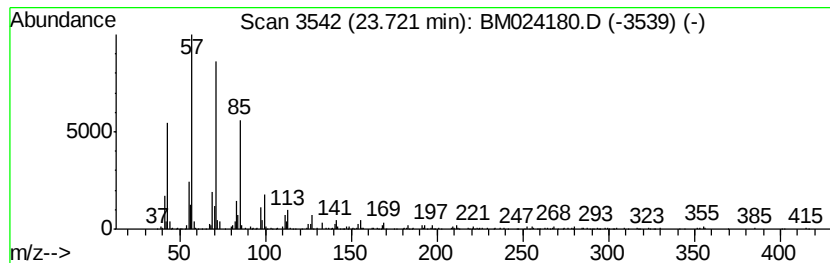
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	3.89 ng/ul	873550	Perylene-d12	23.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\
Data File : BM024180.D
Acq On : 19 Dec 2019 18:47
Operator : JU
Sample : K6171-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.13	2.2	ng/ul	204652	1	7.43	1863140	20.0
n-Hexadecanoic acid	17.79	2.6	ng/ul	575752	4	16.86	4387460	20.0
1-Heneicosyl formate	20.81	4.3	ng/ul	1166550	5	21.07	5464780	20.0
(DEL) Alkane: Str...	23.72	3.9	ng/ul	873550	6	23.20	4487920	20.0