

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024824.D
 Acq On : 11 Feb 2020 00:41
 Operator : CG/JU
 Sample : L1402-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W1

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-BM020620MA.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	3.016	19	22	31	rVB	40005	58511	1.15%	0.091%
2	3.504	103	105	113	rVB3	23521	32418	0.64%	0.050%
3	3.710	136	140	149	rVB	36109	50115	0.98%	0.078%
4	3.928	173	177	182	rBV	59301	81073	1.59%	0.126%
5	4.322	240	244	251	rBV	41073	56610	1.11%	0.088%
6	4.593	286	290	300	rVV	33558	59328	1.16%	0.092%
7	6.122	544	550	560	rVB	363108	558309	10.95%	0.869%
8	6.416	595	600	605	rBV6	16826	22921	0.45%	0.036%
9	6.598	620	631	644	rBV	548691	904786	17.75%	1.408%
10	6.751	652	657	670	rBV	446777	741603	14.55%	1.154%
11	6.857	670	675	682	rVB2	33628	52420	1.03%	0.082%
12	6.940	682	689	703	rBV	629724	1029913	20.20%	1.603%
13	7.398	761	767	779	rBV	969194	1570790	30.82%	2.444%
14	7.551	788	793	798	rVB	53980	82057	1.61%	0.128%
15	8.116	880	889	902	rBV	580642	948698	18.61%	1.476%
16	8.222	902	907	913	rVB5	15217	27600	0.54%	0.043%
17	8.539	954	961	968	rBV	564963	927735	18.20%	1.444%
18	8.734	985	994	1000	rVB6	23235	39872	0.78%	0.062%
19	9.034	1040	1045	1051	rVB	94451	132181	2.59%	0.206%
20	9.186	1065	1071	1076	rBV3	16018	22149	0.43%	0.034%
21	9.257	1076	1083	1093	rBV	480095	799229	15.68%	1.244%
22	9.481	1114	1121	1125	rVB7	11065	22021	0.43%	0.034%
23	9.792	1167	1174	1188	rVV	788735	1326668	26.03%	2.064%
24	10.157	1229	1236	1243	rVV	1358645	2242964	44.00%	3.490%
25	10.204	1243	1244	1252	rVB	21916	23828	0.47%	0.037%
26	10.298	1252	1260	1276	rBV	598593	1115894	21.89%	1.736%
27	11.757	1503	1508	1513	rBV4	14647	25036	0.49%	0.039%
28	12.910	1701	1704	1710	rVV3	18713	28510	0.56%	0.044%
29	13.480	1795	1801	1806	rVV	1507238	2105903	41.31%	3.277%
30	13.521	1806	1808	1816	rVB	40753	60307	1.18%	0.094%
31	13.739	1838	1845	1857	rBV	1792973	2622698	51.45%	4.081%
32	14.057	1892	1899	1905	rVV	2144215	3211663	63.01%	4.997%
33	14.116	1905	1909	1914	rVB	26504	34105	0.67%	0.053%
34	14.280	1930	1937	1951	rBV	383720	740459	14.53%	1.152%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024824.D
 Acq On : 11 Feb 2020 00:41
 Operator : CG/JU
 Sample : L1402-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W1

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-BM020620MA.M
 Title : SVOA CALIBRATION

35	14.463	1961	1968	1973	rBV2	35669	62764	1.23%	0.098%
36	15.057	2063	2069	2075	rBV	2354763	3281140	64.37%	5.106%
37	15.110	2075	2078	2085	rVB2	49472	74046	1.45%	0.115%
38	15.186	2085	2091	2099	rBV	546408	809895	15.89%	1.260%
39	15.298	2104	2110	2115	rVV2	27474	45124	0.89%	0.070%
40	15.415	2125	2130	2136	rVB	16116	23061	0.45%	0.036%
41	15.557	2150	2154	2162	rVV3	19616	38432	0.75%	0.060%
42	15.674	2166	2174	2177	rVB10	13357	25581	0.50%	0.040%
43	15.839	2197	2202	2210	rVB5	13273	30405	0.60%	0.047%
44	16.374	2287	2293	2300	rBV2	70333	122309	2.40%	0.190%
45	16.468	2305	2309	2312	rBV2	21632	31308	0.61%	0.049%
46	16.562	2320	2325	2328	rBV3	12367	24590	0.48%	0.038%
47	16.627	2332	2336	2341	rVB	33806	45160	0.89%	0.070%
48	16.809	2357	2367	2371	rBV	2831320	3913009	76.77%	6.089%
49	16.851	2371	2374	2378	rVV	544565	705213	13.83%	1.097%
50	16.904	2378	2383	2397	rVV	2333158	3533407	69.32%	5.498%
51	17.215	2432	2436	2442	rBV2	31017	65696	1.29%	0.102%
52	17.686	2512	2516	2520	rVV	80218	112000	2.20%	0.174%
53	17.733	2520	2524	2532	rVV	110137	169654	3.33%	0.264%
54	17.815	2534	2538	2543	rVB2	36444	52543	1.03%	0.082%
55	17.874	2543	2548	2552	rBV2	101207	167120	3.28%	0.260%
56	17.915	2552	2555	2560	rVB	53727	72513	1.42%	0.113%
57	18.056	2572	2579	2583	rBV7	32054	69026	1.35%	0.107%
58	18.192	2598	2602	2607	rVV3	76913	117484	2.30%	0.183%
59	18.321	2619	2624	2628	rBV8	15327	30474	0.60%	0.047%
60	18.451	2642	2646	2650	rVV6	28208	47333	0.93%	0.074%
61	18.498	2651	2654	2658	rVV4	26571	39239	0.77%	0.061%
62	18.539	2658	2661	2665	rVB5	20596	23235	0.46%	0.036%
63	18.621	2670	2675	2679	rBV	64121	96142	1.89%	0.150%
64	18.703	2679	2689	2690	rBV9	29224	71282	1.40%	0.111%
65	18.751	2694	2697	2701	rBV2	38528	67673	1.33%	0.105%
66	18.880	2709	2719	2725	rBV	892816	1271191	24.94%	1.978%
67	19.033	2741	2745	2748	rVV	17382	24145	0.47%	0.038%
68	19.098	2753	2756	2758	rBV	19488	25219	0.49%	0.039%
69	19.215	2770	2776	2779	rBV	3226718	4686995	91.95%	7.293%
70	19.321	2791	2794	2802	rVB3	44612	86131	1.69%	0.134%
71	19.433	2809	2813	2816	rBV	46587	80222	1.57%	0.125%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024824.D
 Acq On : 11 Feb 2020 00:41
 Operator : CG/JU
 Sample : L1402-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W1

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-BM020620MA.M
 Title : SVOA CALIBRATION

72	19.586	2833	2839	2844	rBV3	60050	145461	2.85%	0.226%
73	19.633	2844	2847	2850	rVV3	44140	51333	1.01%	0.080%
74	19.715	2858	2861	2863	rBV3	53194	74873	1.47%	0.117%
75	19.750	2864	2867	2870	rVB	90789	117582	2.31%	0.183%
76	19.821	2877	2879	2882	rBV4	38292	46197	0.91%	0.072%
77	19.850	2882	2884	2888	rVB	52146	48720	0.96%	0.076%
78	19.909	2889	2894	2897	rBV2	103352	162712	3.19%	0.253%
79	20.045	2914	2917	2921	rVB2	52169	65655	1.29%	0.102%
80	20.092	2921	2925	2930	rBV3	73554	117728	2.31%	0.183%
81	20.227	2945	2948	2953	rVB	113677	130859	2.57%	0.204%
82	20.497	2991	2994	3001	rBV	82328	138764	2.72%	0.216%
83	20.703	3026	3029	3032	rBV	100004	104708	2.05%	0.163%
84	20.733	3032	3034	3037	rVB	52682	52772	1.04%	0.082%
85	20.774	3038	3041	3052	rVV3	481306	789607	15.49%	1.229%
86	20.980	3072	3076	3077	rBV	263927	288936	5.67%	0.450%
87	21.015	3077	3082	3087	rVV	3566847	5097334	100.00%	7.932%
88	21.056	3087	3089	3092	rVB	390026	385879	7.57%	0.600%
89	21.227	3115	3118	3123	rBV4	108832	127891	2.51%	0.199%
90	21.650	3186	3190	3200	rBV3	477674	773958	15.18%	1.204%
91	22.080	3260	3263	3269	rVB	227668	263345	5.17%	0.410%
92	22.286	3295	3298	3303	rVB2	298750	354111	6.95%	0.551%
93	22.503	3331	3335	3339	rBV	410072	803847	15.77%	1.251%
94	22.550	3340	3343	3346	rVV2	756335	1038310	20.37%	1.616%
95	22.586	3346	3349	3358	rVB2	567278	909067	17.83%	1.415%
96	22.986	3412	3417	3422	rBV	2173671	3517551	69.01%	5.473%
97	23.074	3429	3432	3435	rBV	286370	413622	8.11%	0.644%
98	23.121	3435	3440	3455	rVB	2469481	4402555	86.37%	6.850%
99	23.674	3529	3534	3540	rVB	752010	1328699	26.07%	2.067%
100	23.738	3541	3545	3554	rVV2	353191	615401	12.07%	0.958%

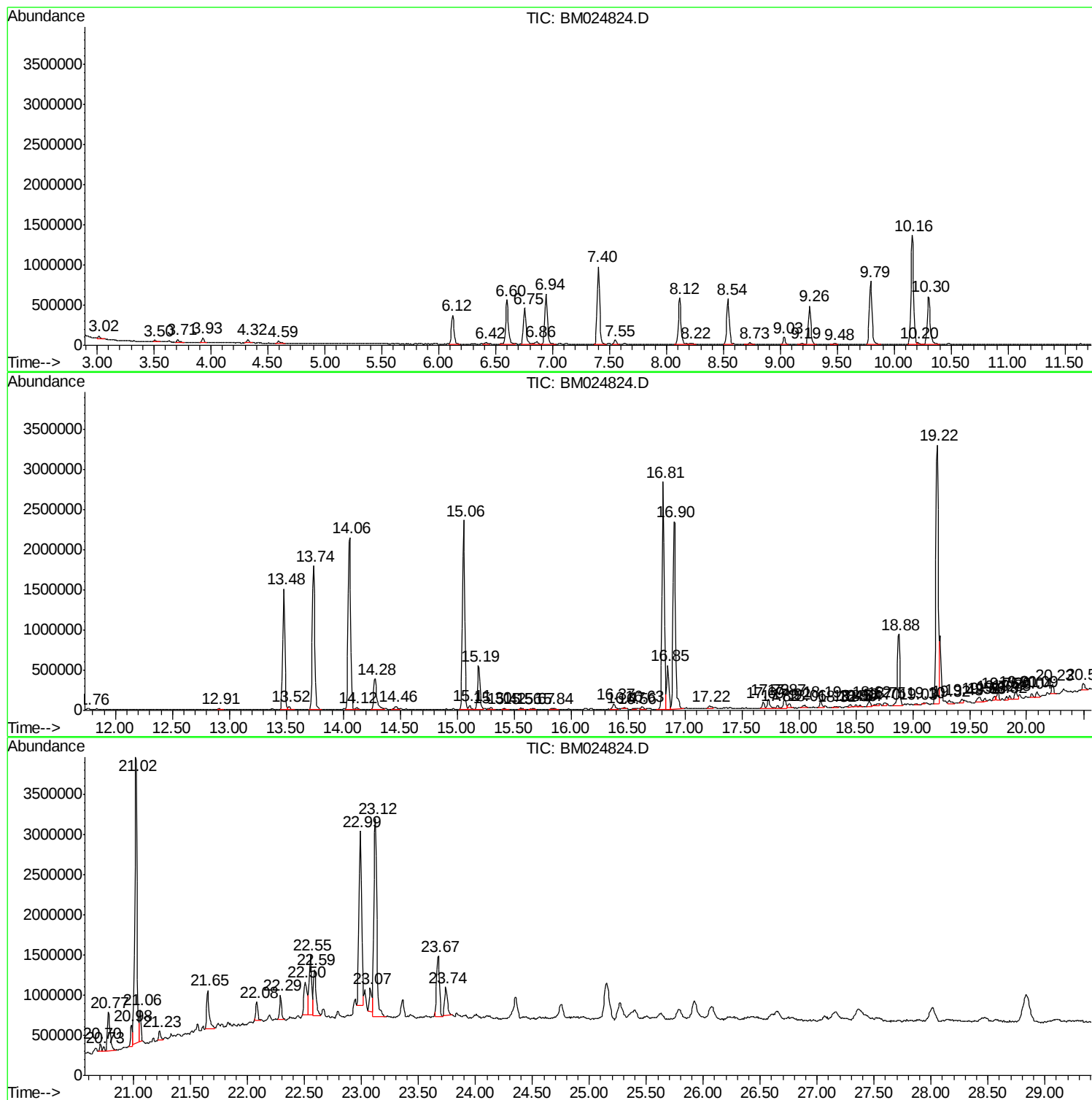
Sum of corrected areas: 64266612

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W1

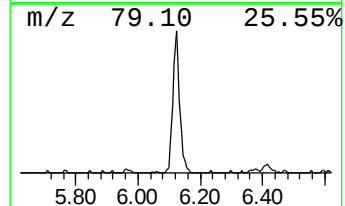
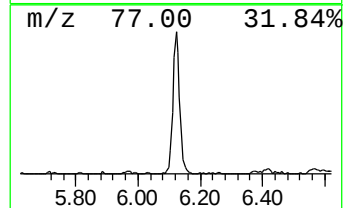
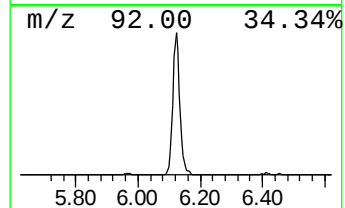
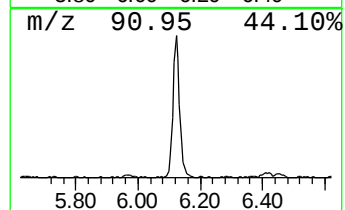
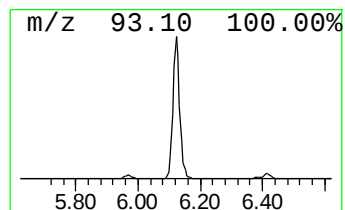
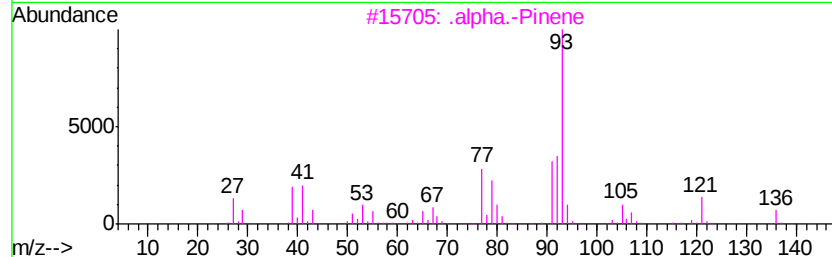
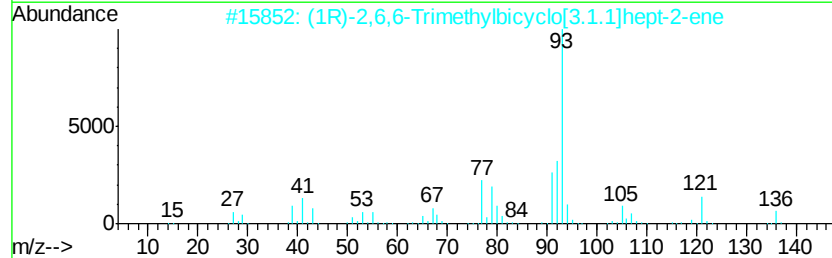
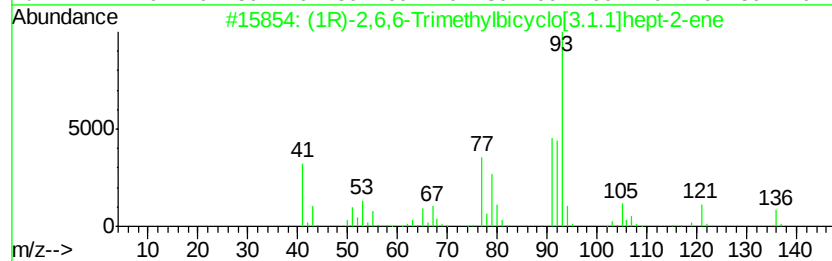
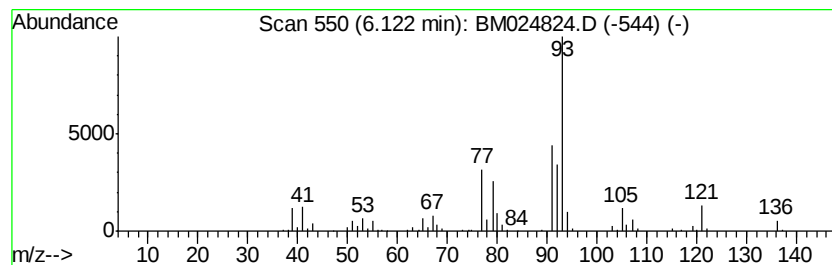
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	7.11 ng/ul	558309	1,4-Dichlorobenzene-d4	7.40

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W1

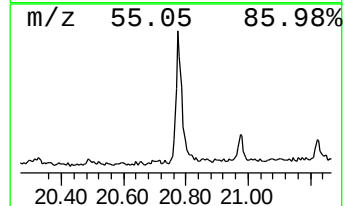
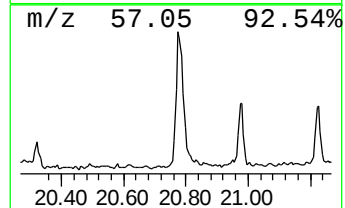
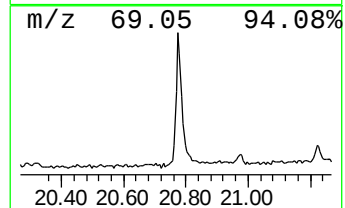
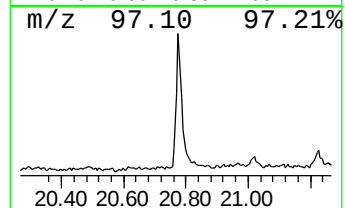
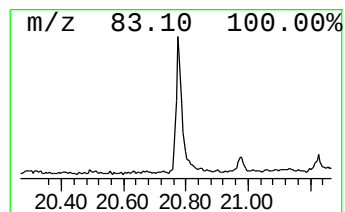
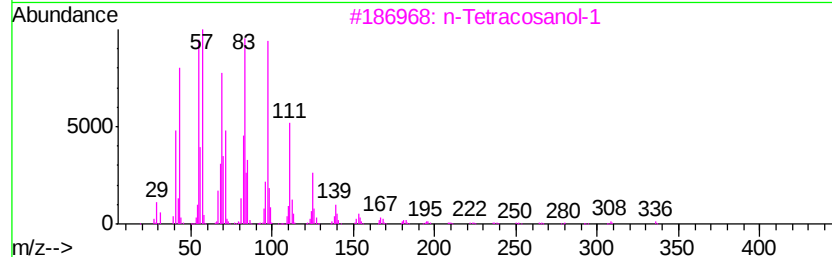
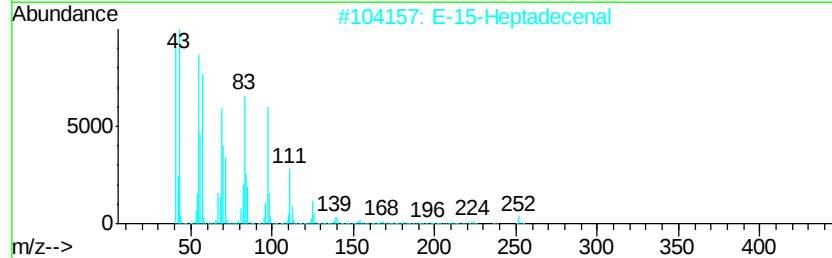
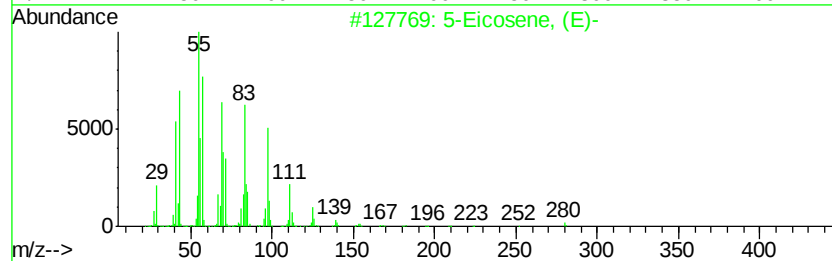
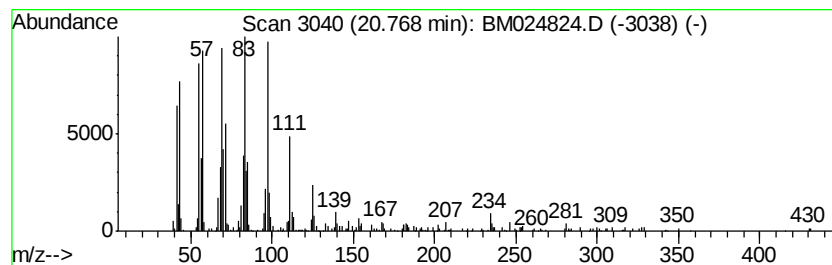
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.10 ng/ul	789607	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2			E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4			Behenic alcohol	326	C22H46O	000661-19-8	95
5			1-Heptacosanol	396	C27H56O	002004-39-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

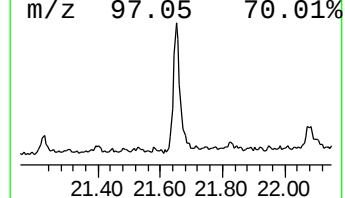
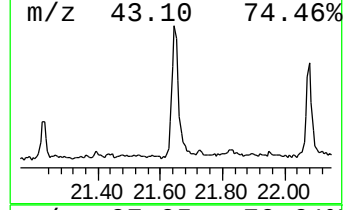
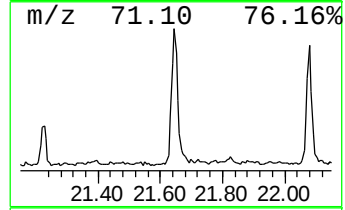
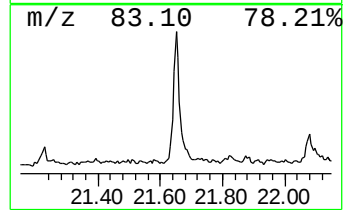
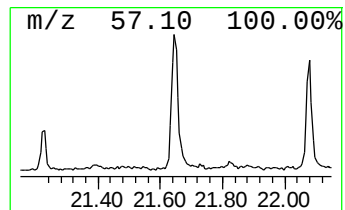
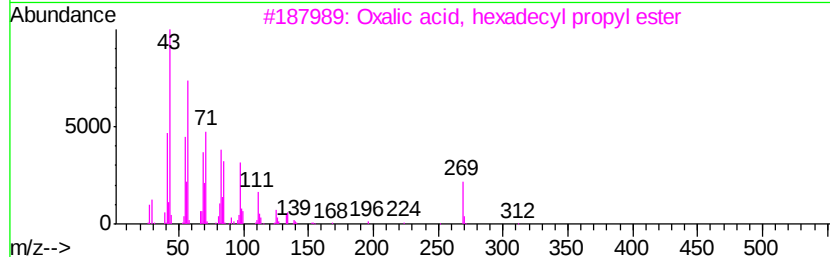
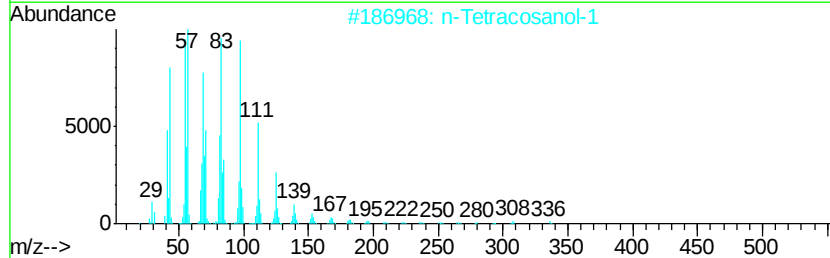
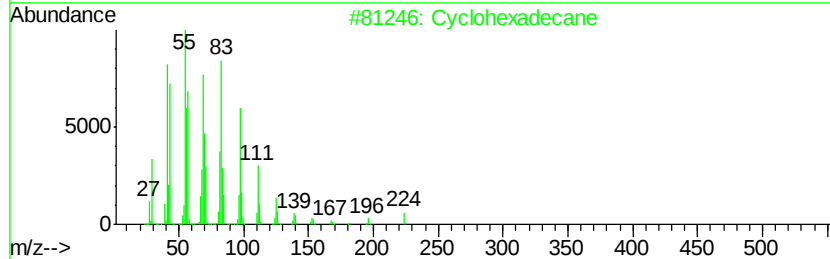
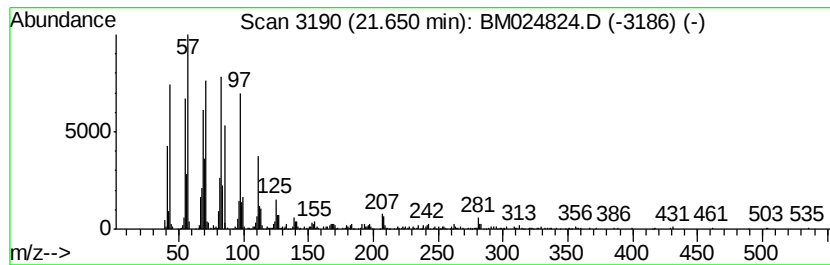
Instrument :
BNA_M
ClientSampleId :
CB6W1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.65	3.04 ng/ul	773958	Chrysene-d12	21.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
4	8-Heptadecene	238	C17H34	002579-04-6	91
5	1-Docosene	308	C22H44	001599-67-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W1

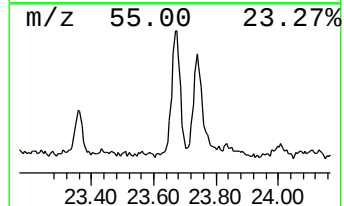
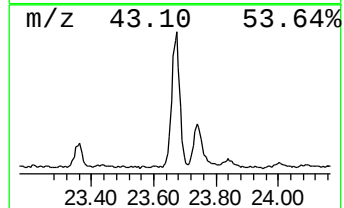
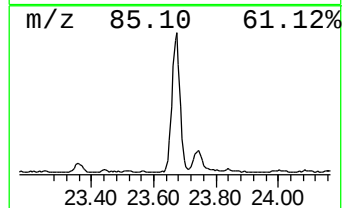
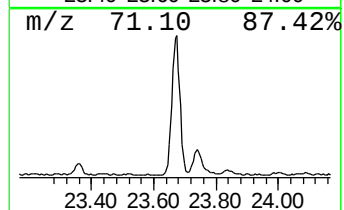
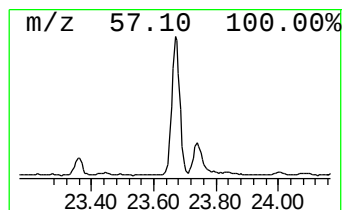
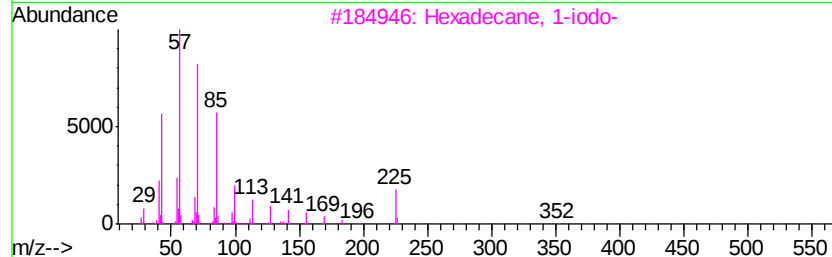
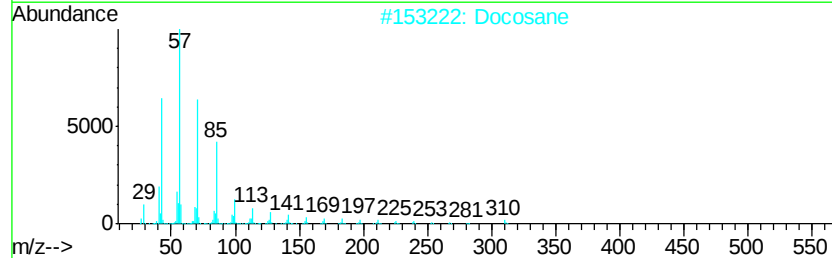
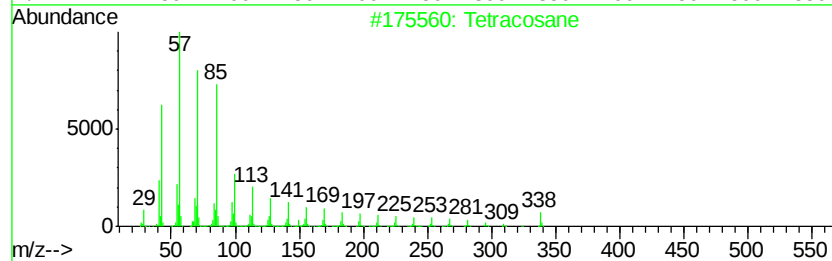
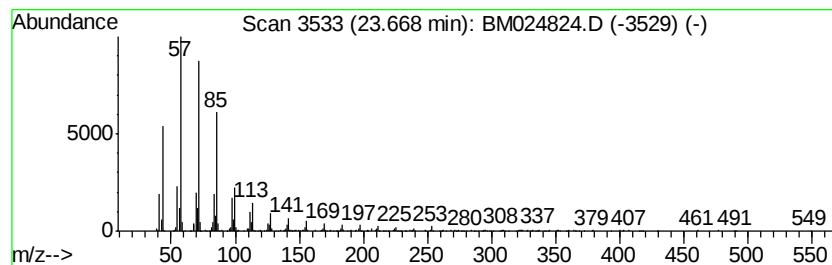
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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.
23.67	6.04 ng/ul	1328700	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Docosane	310	C22H46	000629-97-0	93
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W1

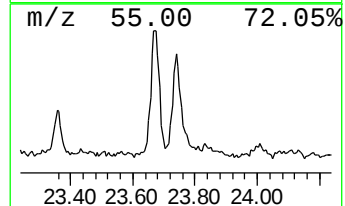
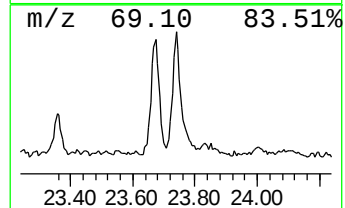
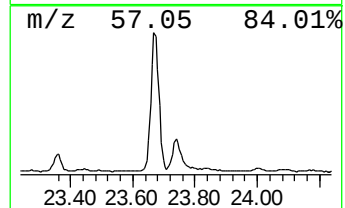
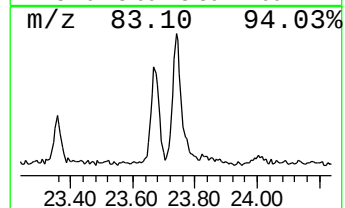
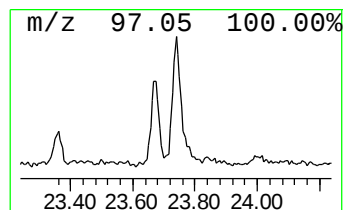
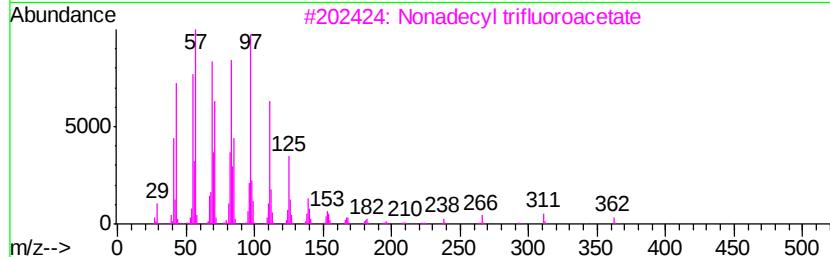
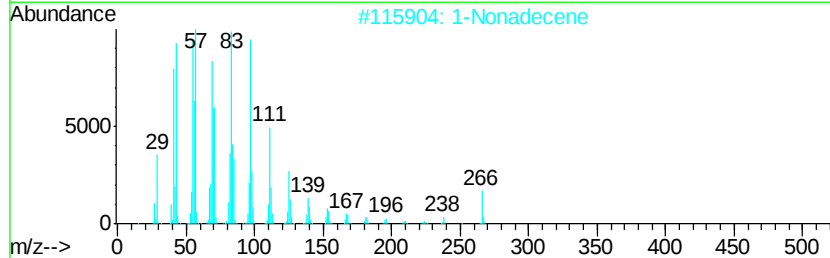
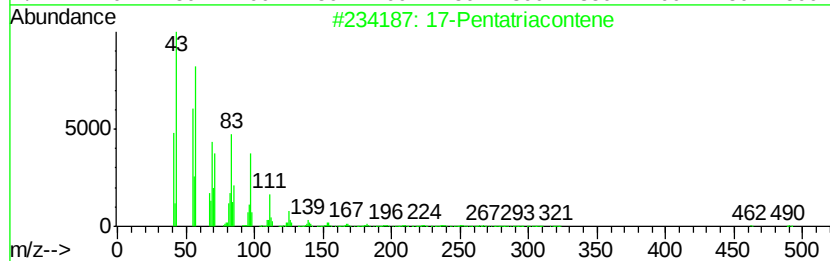
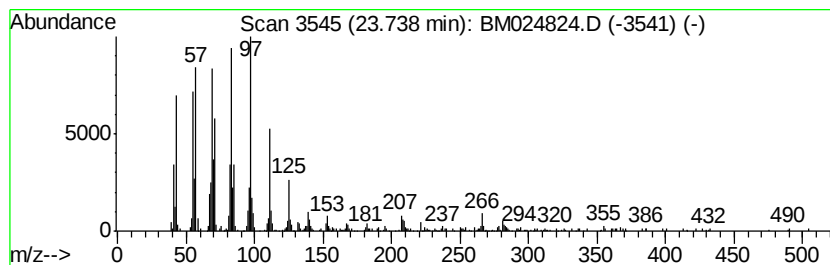
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.80 ng/ul	615401	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	93
2		1-Nonadecene	266	C19H38	018435-45-5	93
3		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4		Nonadecyl heptafluorobutyrte	480	C23H39F7O2	1000351-83-9	87
5		1-Octadecene	252	C18H36	000112-88-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
Data File : BM024824.D
Acq On : 11 Feb 2020 00:41
Operator : CG/JU
Sample : L1402-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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...	6.12	7.1	ng/ul	558309	1	7.40	1570790	20.0
(DEL) Alkane: Str...	20.77	3.1	ng/ul	789607	5	21.02	5097330	20.0
(DEL) Alkane: Cyc...	21.65	3.0	ng/ul	773958	5	21.02	5097330	20.0
(DEL) Alkane: Str...	23.67	6.0	ng/ul	1328700	6	23.12	4402560	20.0
(DEL) Alkane: Str...	23.74	2.8	ng/ul	615401	6	23.12	4402560	20.0