LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM061419MA.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	3.034	4	8	22	rVB	3197936	4358234	36.01%	3.410%
2	4.922	325	329	338	rVB2	32844	59828	0.49%	0.047%
3	6.475	586	593	602	rVB	152841	242850	2.01%	0.190%
4	6.781	640	645	650	rBV4	46090	69148	0.57%	0.054%
5	6.957	668	675	688	rVB2	678021	1222050	10.10%	0.956%
6	7.134	698	705	716	rBV	550421	879298	7.27%	0.688%
7	7.322	730	737	749	rBV	699521	1110143	9.17%	0.868%
8	7.793	810	817	824	rBV	1035980	1648518	13.62%	1.290%
9	7.922	832	839	845	rBV	75277	115145	0.95%	0.090%
10	8.492	929	936	946	rVB	879464	1404319	11.60%	1.099%
11	8.951	1007	1014	1024	rBV	713491	1216630	10.05%	0.952%
12	9.669	1129	1136	1146	rBV	601116	996909	8.24%	0.780%
13	10.198	1220	1226	1236	rBV	982971	1682584	13.90%	1.316%
14	10.581	1283	1291	1298	rBV	1576270	2647541	21.88%	2.071%
15	10.728	1310	1316	1322	rVB2	39610	66053	0.55%	0.052%
16	11.045	1366	1370	1376	rVB	42612	65796	0.54%	0.051%
17	11.369	1420	1425	1433	rVB6	33170	60797	0.50%	0.048%
18	11.669	1470	1476	1483	rVB3	90689	147393	1.22%	0.115%
19	12.780	1660	1665	1670	rVV2	34296	64322	0.53%	0.050%
20	13.028	1702	1707	1714	rVB3	45897	67034	0.55%	0.052%
21	13.139	1721	1726	1732	rBV2	119078	207752	1.72%	0.163%
22	13.345	1757	1761	1767	rVB4	72440	119906	0.99%	0.094%
23	13.533	1785	1793	1801	rBV	133069	254291	2.10%	0.199%
24	13.745	1823	1829	1835	rVB	1478634	2115439	17.48%	1.655%
25	13.845	1835	1846	1850	rVV	2231920	3266015	26.99%	2.555%
26	13.892	1850	1854	1860	rVV	979416	1365285	11.28%	1.068%
27	14.122	1887	1893	1900	rVB	2165478	3214740	26.56%	2.515%
28	14.263	1913	1917	1920	rBV	69993	101415	0.84%	0.079%
29	14.351	1929	1932	1936	rBV	133785	192139	1.59%	0.150%
30	14.433	1940	1946	1950	rBV2	2591262	3910453	32.31%	3.059%
31	14.469	1950	1952	1954	rVB	78300	68187	0.56%	0.053%
32	14.633	1974	1980	1984	rBV	779261	1161606	9.60%	0.909%
33	14.674	1984	1987	1993	rVV	309076	478038	3.95%	0.374%
34	14.751	1993	2000	2006	rVV2	537932	923753	7.63%	0.723%

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Instrument : BNA_M
ClientSampleId : DB8M0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM061419MA.M
Title : SVOA CALIBRATION

35	14.851	2011	2017	2021	rVV3	160983	255145	2.11%	0.200%
36	14.957	2030	2035	2041	rVB	77639	107124	0.89%	0.084%
37	15.039	2044	2049	2053	rVV6	54350	74903	0.62%	0.059%
38	15.092	2053	2058	2065	rVV7	47448	98611	0.81%	0.077%
39	15.221	2075	2080	2084	rVV	109433	154351	1.28%	0.121%
40	15.280	2087	2090	2093	rVV3	93741	122127	1.01%	0.096%
41	15.316	2093	2096	2099	rVV3	39052	55060	0.45%	0.043%
42	15.363	2099	2104	2109	rVV	521239	739371	6.11%	0.578%
43	15.421	2109	2114	2122	rVV	3247293	4750594	39.25%	3.717%
44	15.486	2122	2125	2130	rVV	91971	158608	1.31%	0.124%
45	15.551	2130	2136	2143	rVV	877113	1298816	10.73%	1.016%
46	15.621	2144	2148	2152	rVV3	59873	106969	0.88%	0.084%
47	15.663	2152	2155	2160	rVB3	57633	89010	0.74%	0.070%
48	15.763	2167	2172	2183	rVB9	60740	144518	1.19%	0.113%
49	15.904	2186	2196	2203	rVB	265287	462274	3.82%	0.362%
50	15.992	2204	2211	2218	rBV6	75452	166956	1.38%	0.131%
51	16.139	2231	2236	2244	rVV3	77796	173374	1.43%	0.136%
52	16.321	2262	2267	2271	rVV4	35378	59224	0.49%	0.046%
53	16.915	2364	2368	2373	rBV4	55251	84928	0.70%	0.066%
54	17.068	2389	2394	2396	rBV2	97877	140078	1.16%	0.110%
55	17.180	2406	2413	2423	rVB	3638067	5269551	43.54%	4.123%
56	17.274	2423	2429	2438	rVB2	3511529	4892725	40.43%	3.828%
57	17.374	2442	2446	2452	rBV7	56831	100661	0.83%	0.079%
58	17.445	2454	2458	2467	rVB4	77108	149270	1.23%	0.117%
59	17.933	2536	2541	2550	rBV9	63483	137976	1.14%	0.108%
60	18.068	2559	2564	2574	rBV	1107615	1660242	13.72%	1.299%
61	18.362	2610	2614	2618	rBV2	71906	107445	0.89%	0.084%
62	18.410	2618	2622	2627	rVB6	66428	86990	0.72%	0.068%
63	18.674	2664	2667	2674	rVB8	64744	96566	0.80%	0.076%
64	18.939	2708	2712	2717	rVV7	38825	68592	0.57%	0.054%
65	18.992	2717	2721	2725	rVB2	73454	84003	0.69%	0.066%
66	19.086	2731	2737	2742	rBV8	56385	129597	1.07%	0.101%
67	19.204	2753	2757	2758	rBV	162588	190953	1.58%	0.149%
68	19.227	2758	2761	2768	rVV3	216015	423829	3.50%	0.332%
69	19.280	2768	2770	2776	rVB4	60514	79959	0.66%	0.063%
70	19.345	2777	2781	2784	rBV	568554	808734	6.68%	0.633%
71	19.386	2784	2788	2795	rVB	1771668	2471265	20.42%	1.933%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	19.568	2813	2819	2825	rBV	4512597	6038267	49.89%	4.724%
73	19.962	2880	2886	2890	rBV	690452	836833	6.91%	0.655%
74	20.009	2890	2894	2900	rVB	176834	226361	1.87%	0.177%
75	20.074	2901	2905	2907	rBV4	128667	169576	1.40%	0.133%
76	20.109	2907	2911	2919	rVB	643015	840678	6.95%	0.658%
77	20.398	2955	2960	2964	rBV	697298	866808	7.16%	0.678%
78	20.515	2977	2980	2982	rBV2	139415	179517	1.48%	0.140%
79	20.545	2982	2985	2989	rVB	242593	302175	2.50%	0.236%
80	20.603	2992	2995	2999	rVB3	187084	250012	2.07%	0.196%
81	20.703	3009	3012	3017	rVB2	88006	99820	0.82%	0.078%
82	20.756	3017	3021	3023	rBV	410824	494083	4.08%	0.387%
83	20.915	3043	3048	3053	rVB	10911391	12102836	100.00%	9.468%
84	21.062	3067	3073	3083	rBV	2340717	2858601	23.62%	2.236%
85	21.239	3100	3103	3106	rBV	150765	164578	1.36%	0.129%
86	21.356	3118	3123	3136	rBV	4834297	6271287	51.82%	4.906%
87	21.503	3144	3148	3154	rBV2	469305	629912	5.20%	0.493%
88	21.680	3175	3178	3184	rVB3	292798	375569	3.10%	0.294%
89	21.962	3218	3226	3236	rBV	3035588	4974592	41.10%	3.892%
90	22.409	3298	3302	3306	rBV	725157	959295	7.93%	0.750%
91	22.645	3339	3342	3349	rVB2	250613	336506	2.78%	0.263%
92	22.927	3384	3390	3394	rBV	2589513	3777630	31.21%	2.955%
93	22.974	3394	3398	3408	rVB	1027135	1696716	14.02%	1.327%
94	23.492	3479	3486	3495	rVB2	3048710	5891443	48.68%	4.609%
95	23.633	3504	3510	3522	rVB	2716993	5272310	43.56%	4.125%
96	24.162	3593	3600	3608	rBV	2479738	4807905	39.73%	3.761%
97	24.250	3610	3615	3626	rVB2	662931	1333053	11.01%	1.043%
98	24.921	3724	3729	3740	rVB	500103	1148554	9.49%	0.899%
99	25.815	3876	3881	3897	rVB	479020	1550723	12.81%	1.213%
100	26.732	4030	4037	4051	rVB4	612170	1863591	15.40%	1.458%

Sum of corrected areas: 127823241

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
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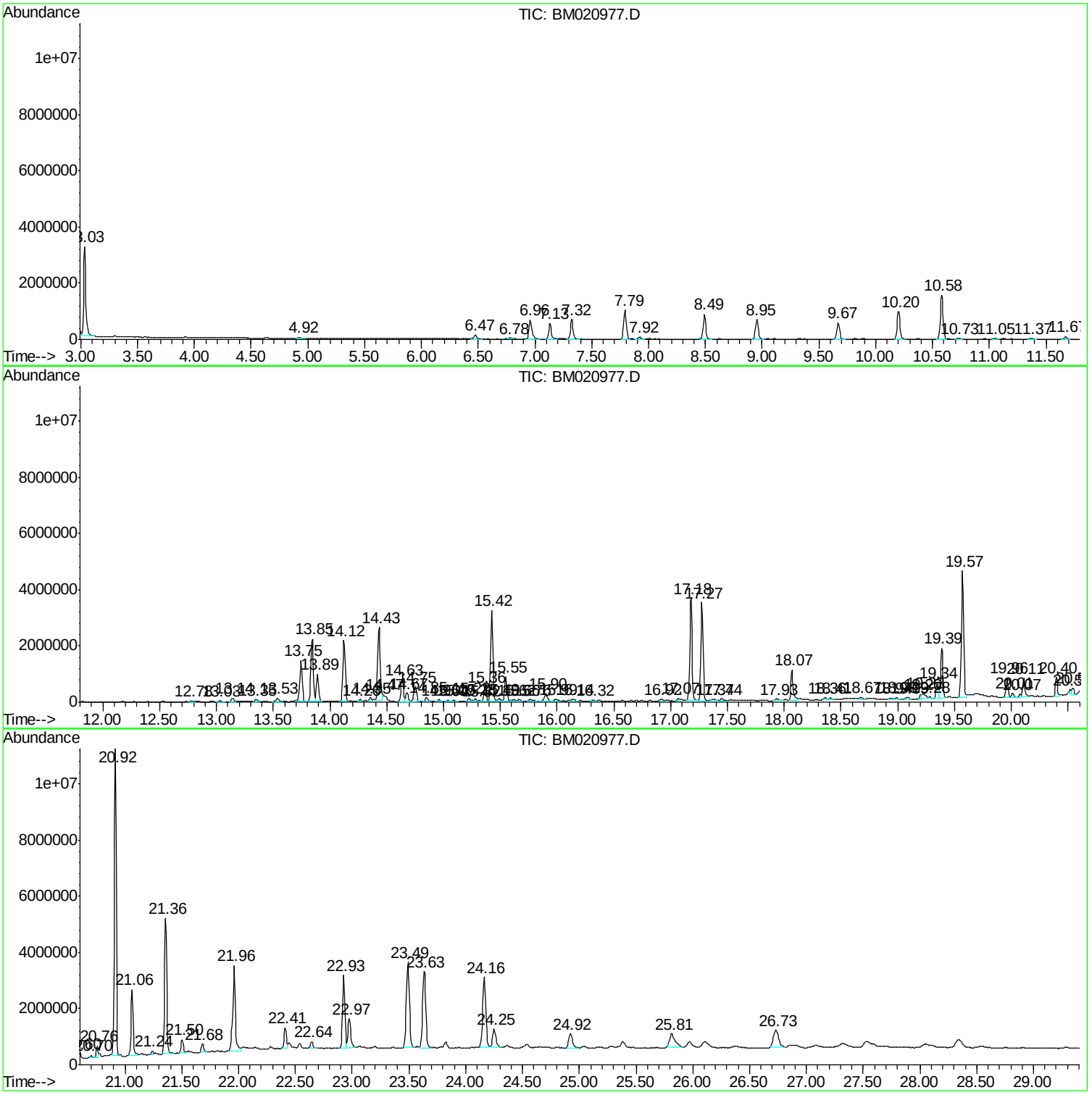
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
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Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

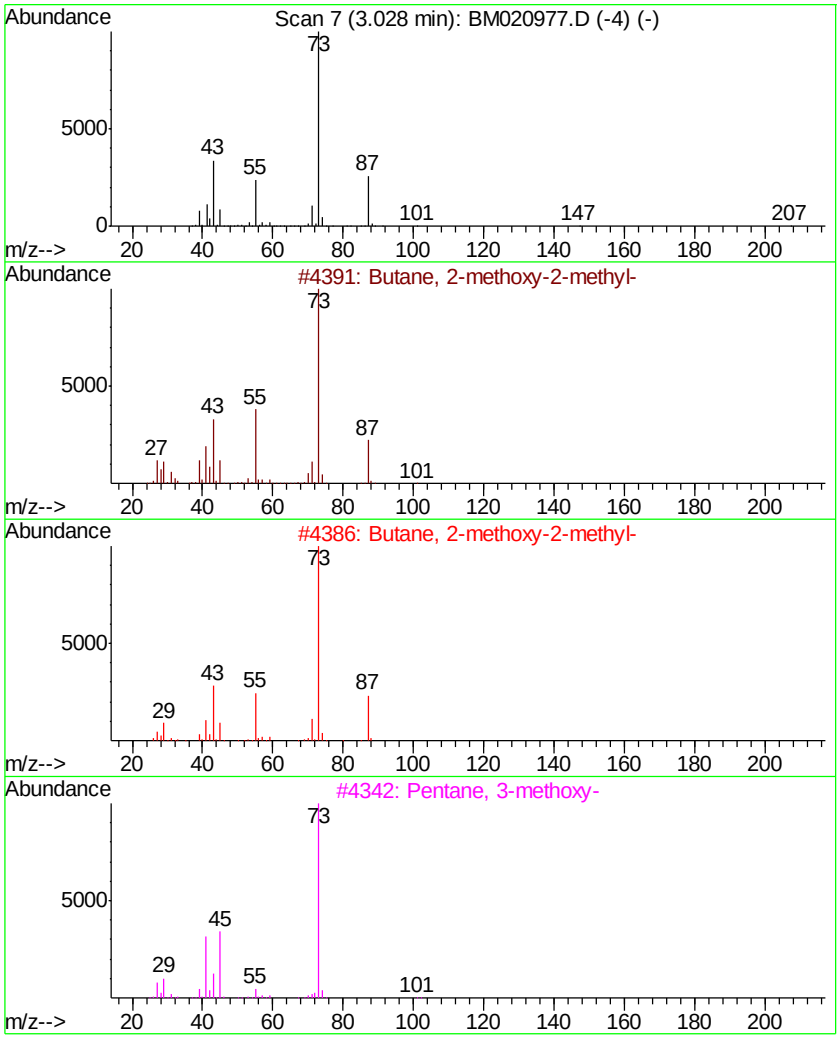
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

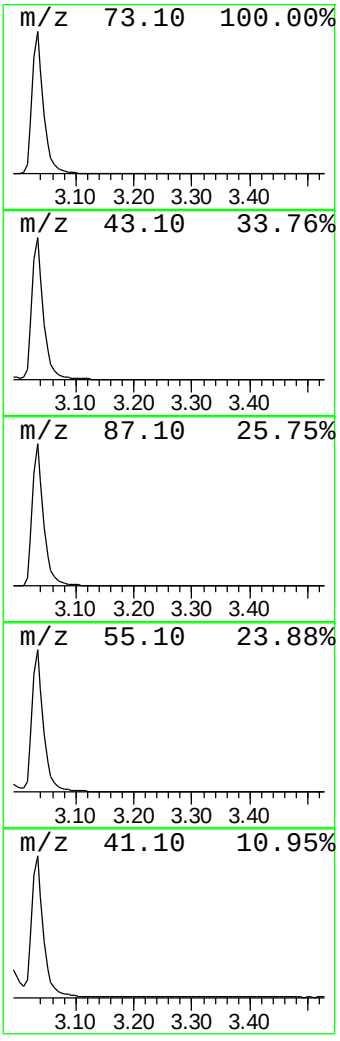
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	52.87 ng/ul	4358230	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
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Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

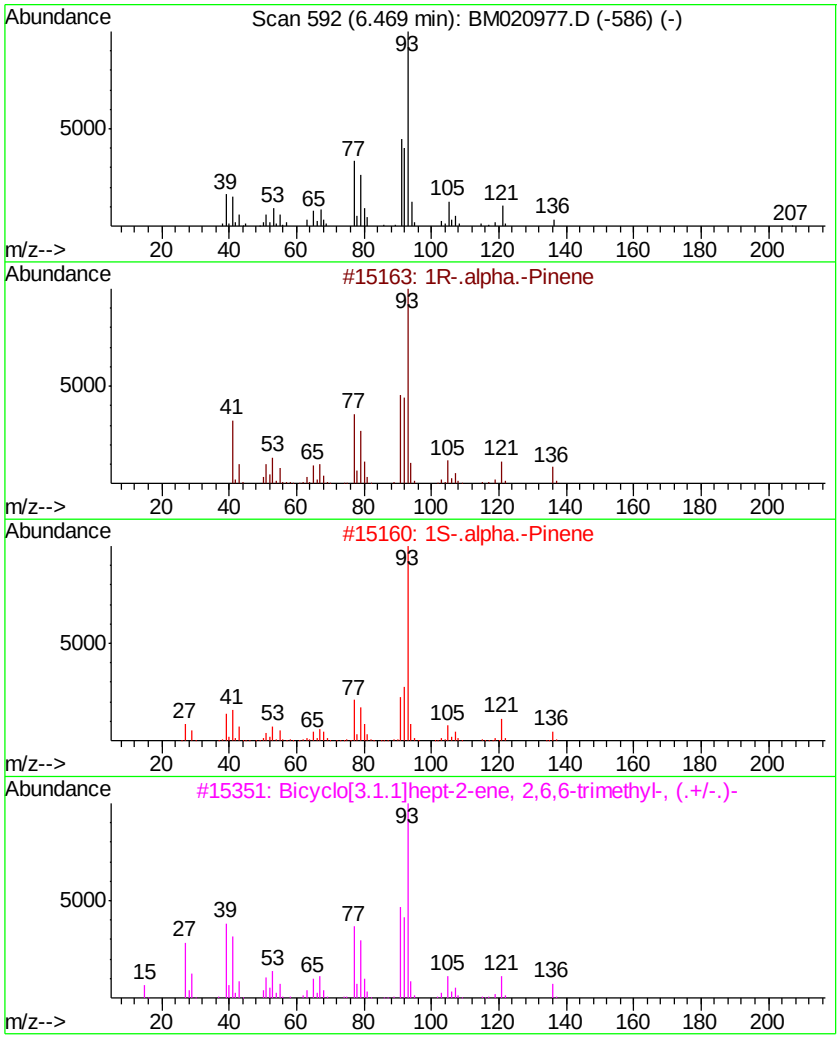
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

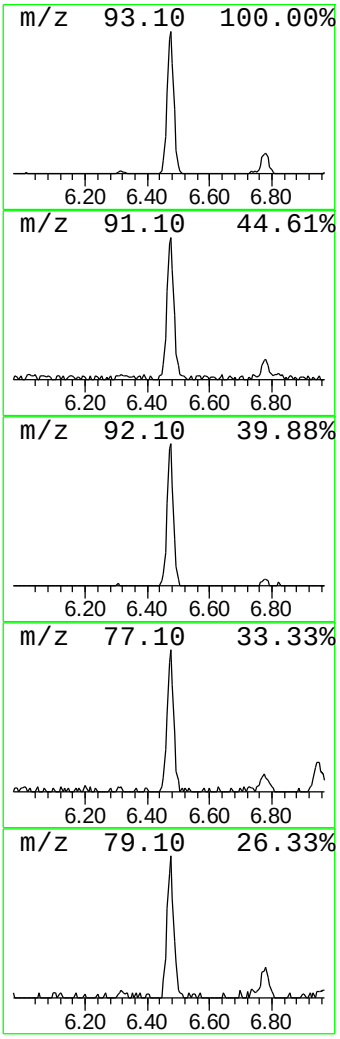
****

Peak Number 2 1R-.alpha.-Pinene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.95 ng/ul	242850	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	1S-.alpha.-Pinene	136	C10H16	007785-26-4	94
3	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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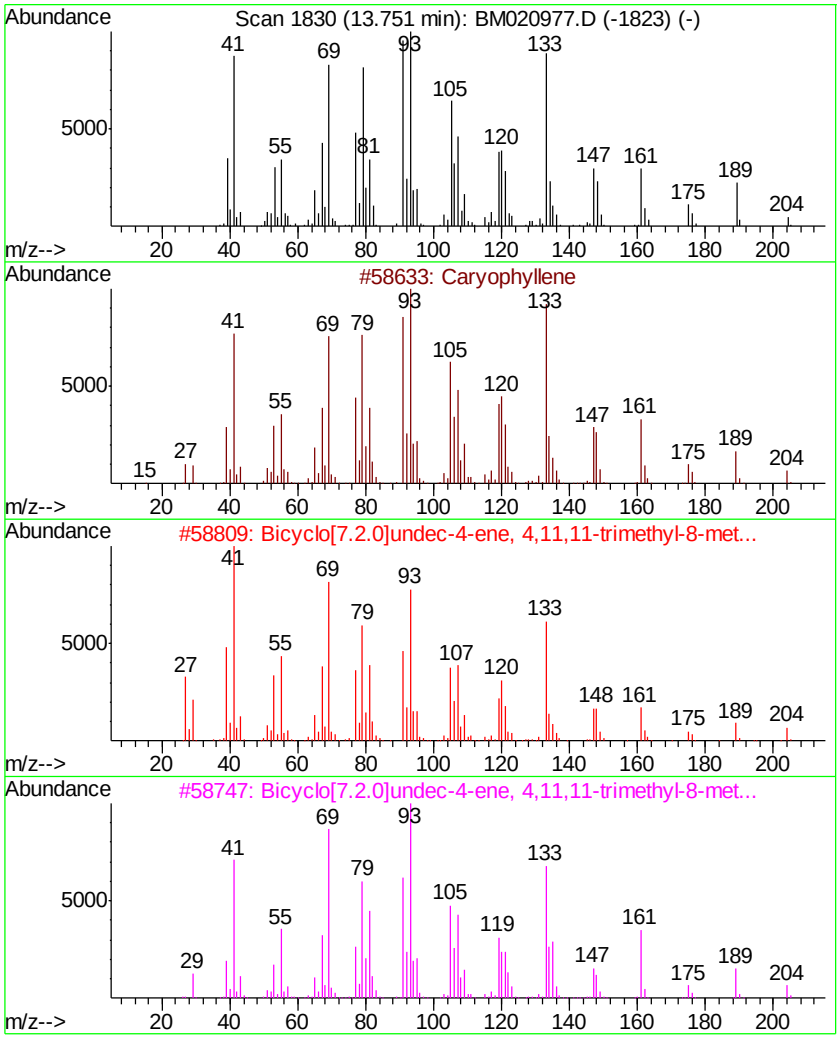
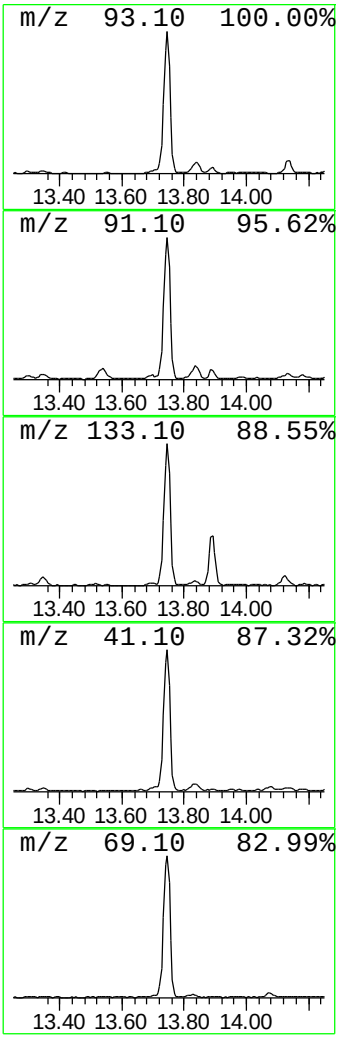
Peak Number 3 Caryophyllene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	10.82 ng/ul	2115440	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	89
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	78
5	Caryophyllene	204	C15H24	000087-44-5	70





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

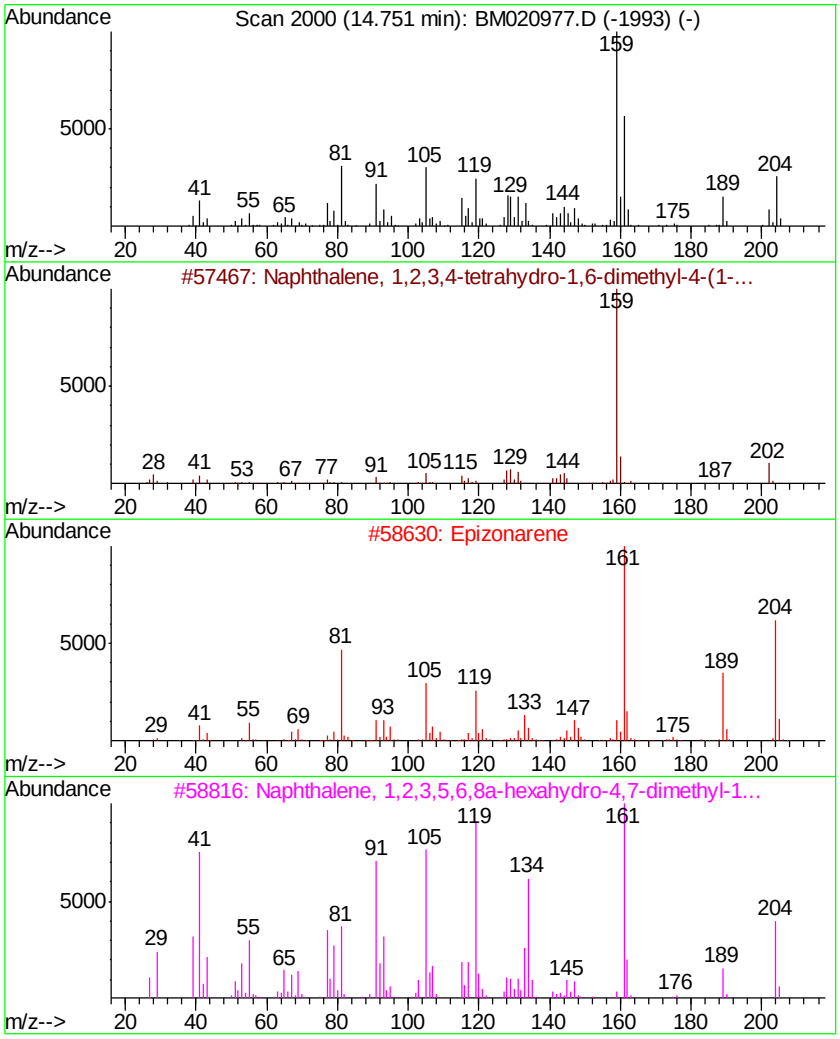
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

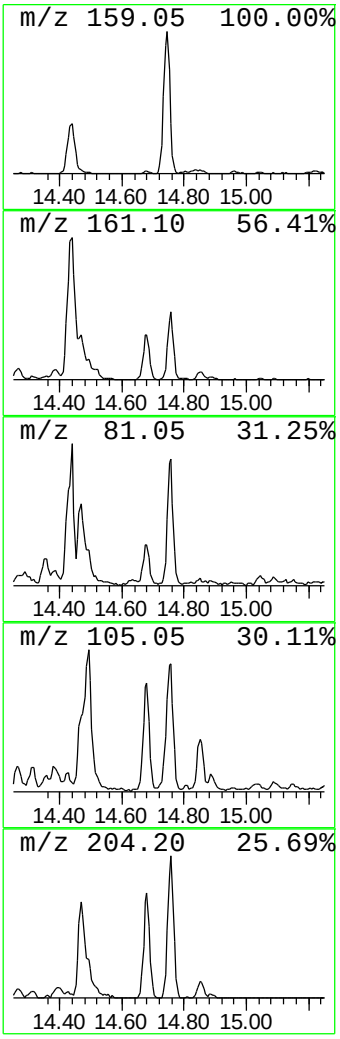
****

Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	4.72 ng/ul	923753	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	95
2	Epizonarene	204	C15H24	1000156-10-7	55
3	Naphthalene, 1,2,3,5,6,8a-hexahy...	204	C15H24	000483-76-1	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	45
5	Cyclohexanecarboxylic acid, 1-ph...	204	C13H16O2	001135-67-7	45





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Misc :
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Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

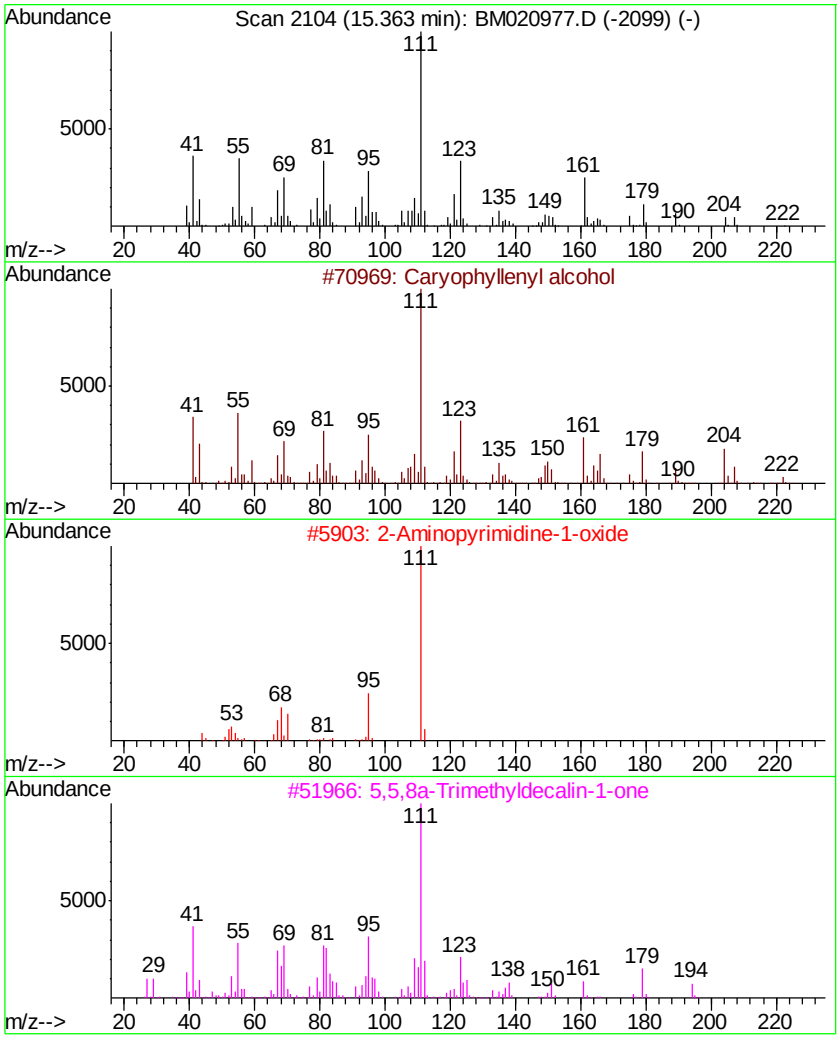
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

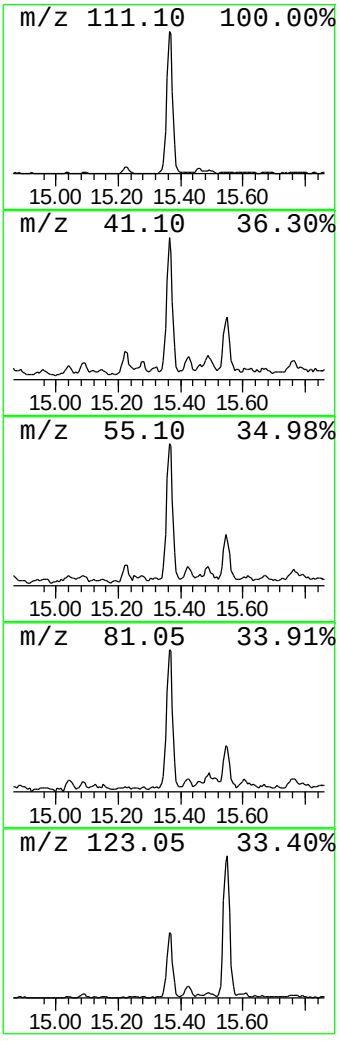
****

Peak Number 5 Caryophyllenyl alcohol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	3.78 ng/ul	739371	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllenyl alcohol	222	C15H26O	1000131-90-4	90
2	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	43
3	5,5,8a-Trimethyldecalin-1-one	194	C13H22O	1000195-96-1	42
4	2-Cyclopenten-1-one, 4-butyl-3-m...	168	C10H16O2	053690-92-9	38
5	4-Hydroxypyridine 1-oxide	111	C5H5NO2	006890-62-6	38





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Operator : HP/JU
Sample : K3231-13
Misc :
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ClientSampleId : DB8M0

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Quant Title : SVOA CALIBRATION

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

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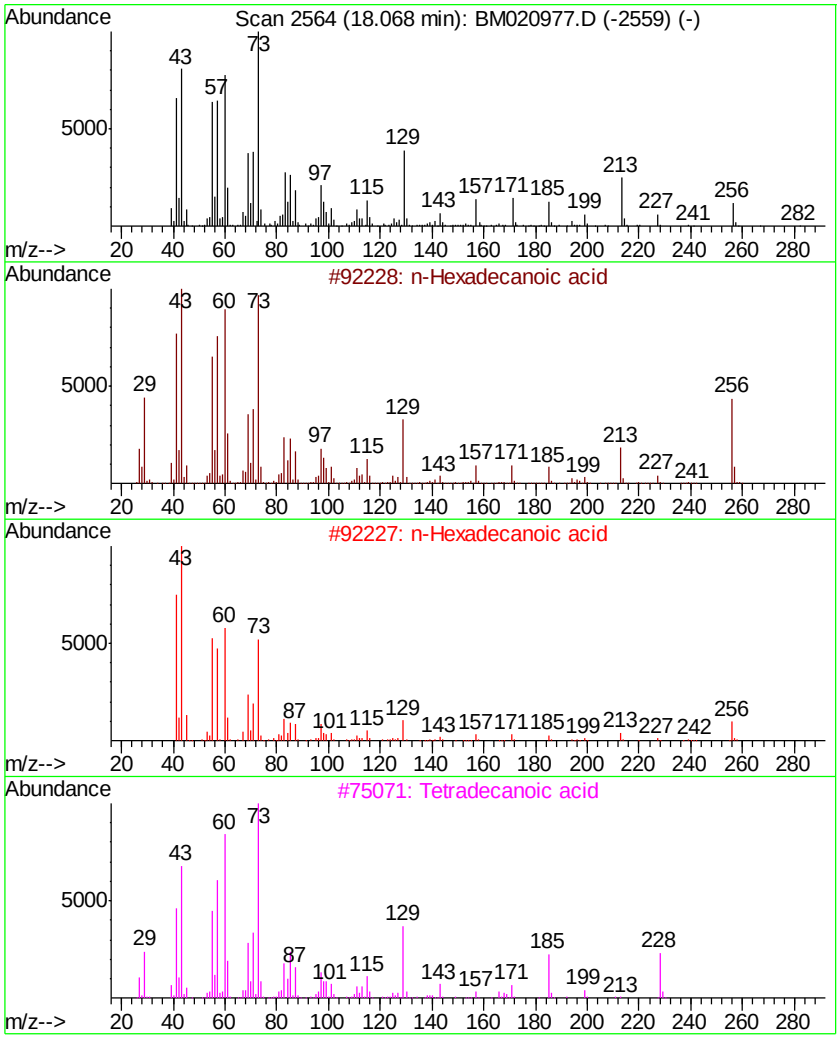
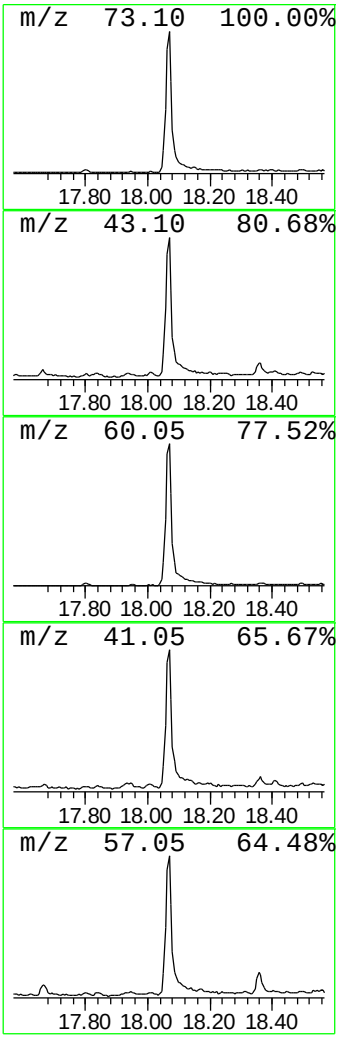
Peak Number 6 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	6.30 ng/ul	1660240	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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ClientSampleId : DB8M0

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Quant Title : SVOA CALIBRATION

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

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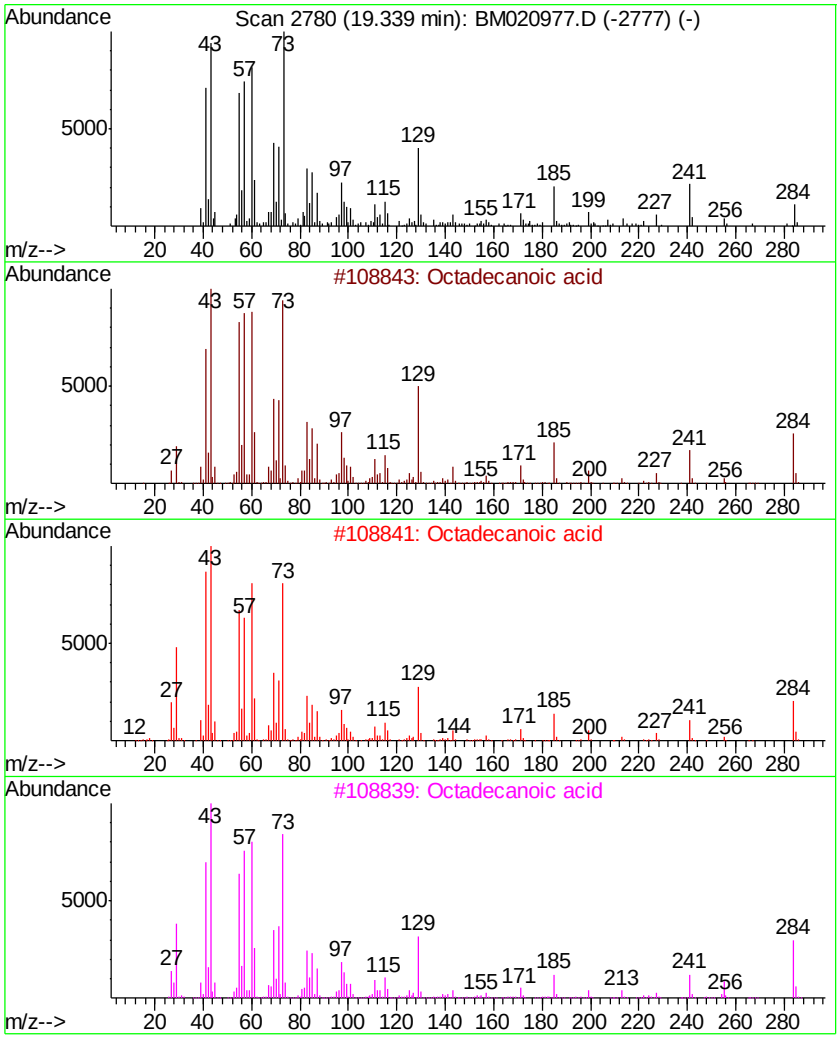
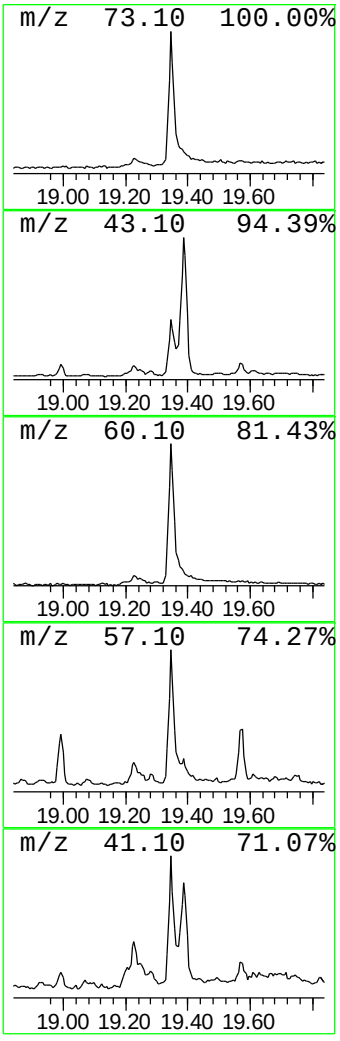
Peak Number 7 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.58 ng/ul	808734	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Quant Title : SVOA CALIBRATION

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

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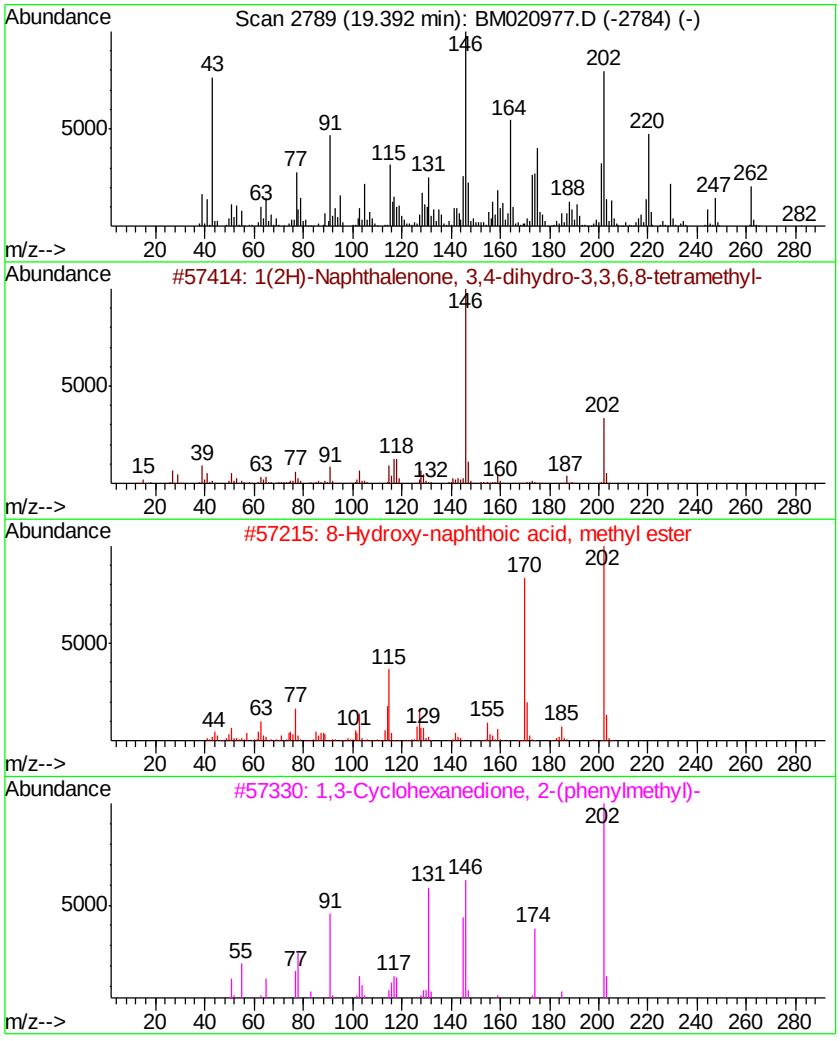
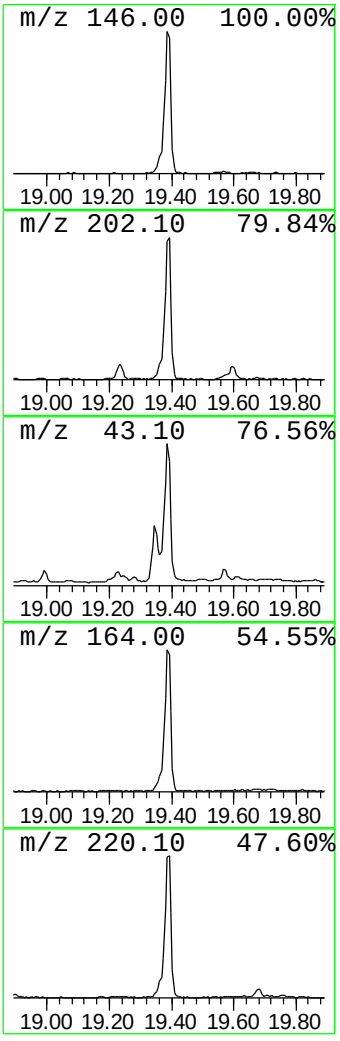
Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	7.88 ng/ul	2471270	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	202	C14H18O	005409-55-2	35
2	8-Hydroxy-naphthoic acid, methyl...	202	C12H10O3	005991-56-0	25
3	1,3-Cyclohexanedione, 2-(phenylm...	202	C13H14O2	022381-56-2	18
4	.beta.-Vatirenene	202	C15H22	1000293-04-2	15
5	trans-2,4-Diamino-6-[1-propenyl]...	202	C9H10N6	040110-61-0	15





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Instrument : BNA_M
ClientSampleId : DB8M0

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Quant Title : SVOA CALIBRATION

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

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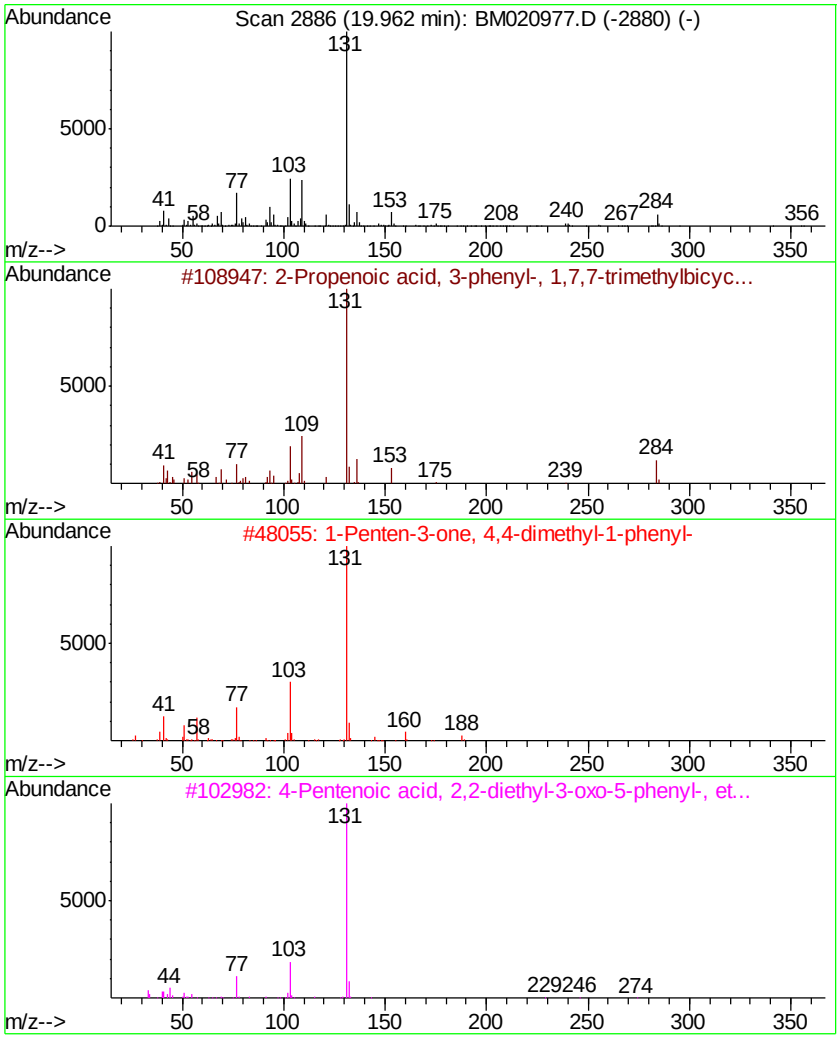
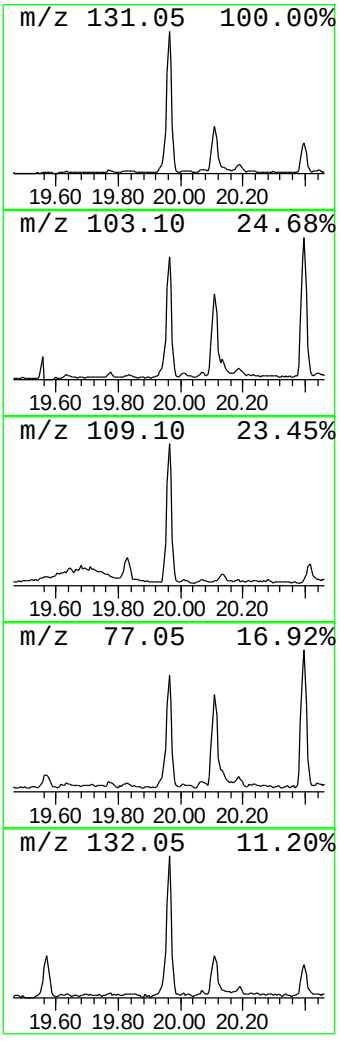
Peak Number 9 2-Propenoic acid, 3-phenyl-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.67 ng/ul	836833	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	90
2	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	53
3	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	53
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	53
5	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47





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Quant Title : SVOA CALIBRATION

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

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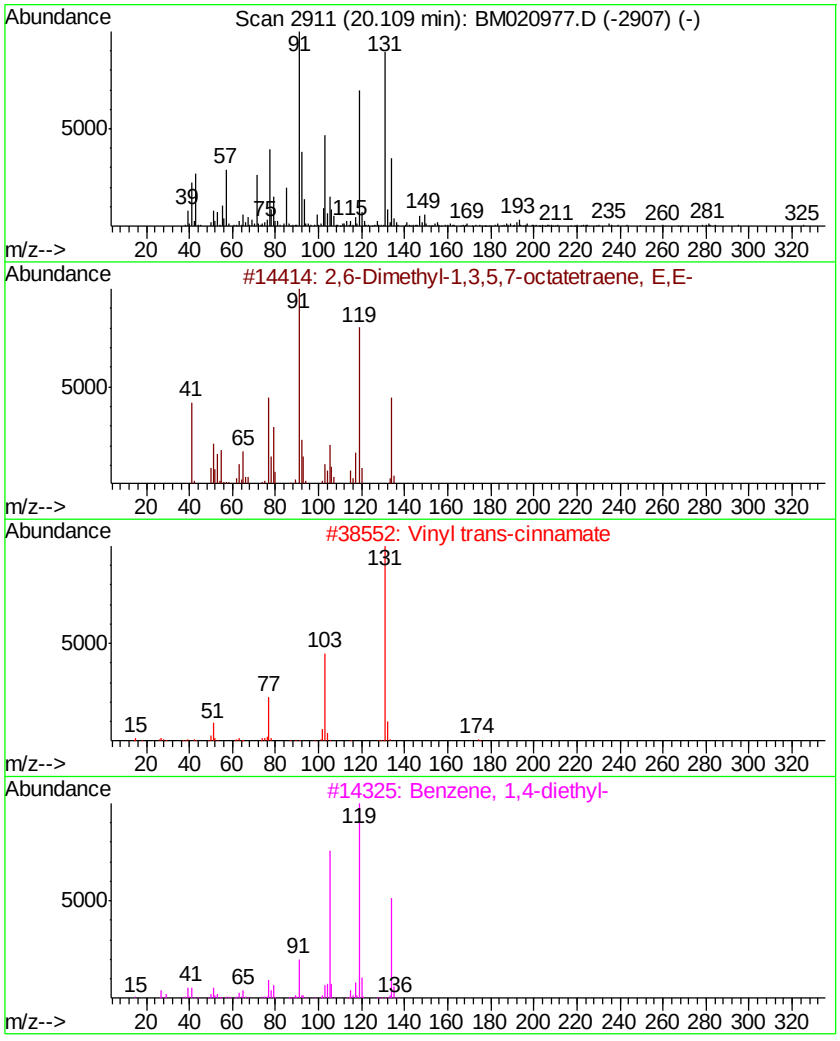
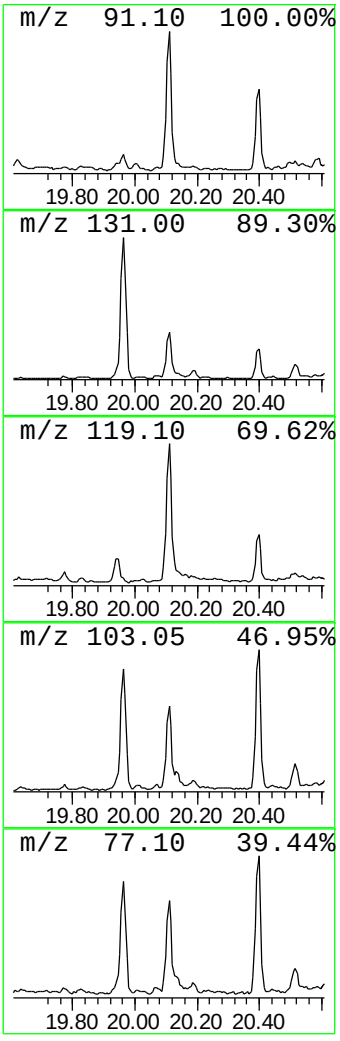
Peak Number 10 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.68 ng/ul	840678	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	41
2	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	27
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	25
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	25
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	25





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Instrument : BNA_M
ClientSampleId : DB8M0

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Quant Title : SVOA CALIBRATION

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

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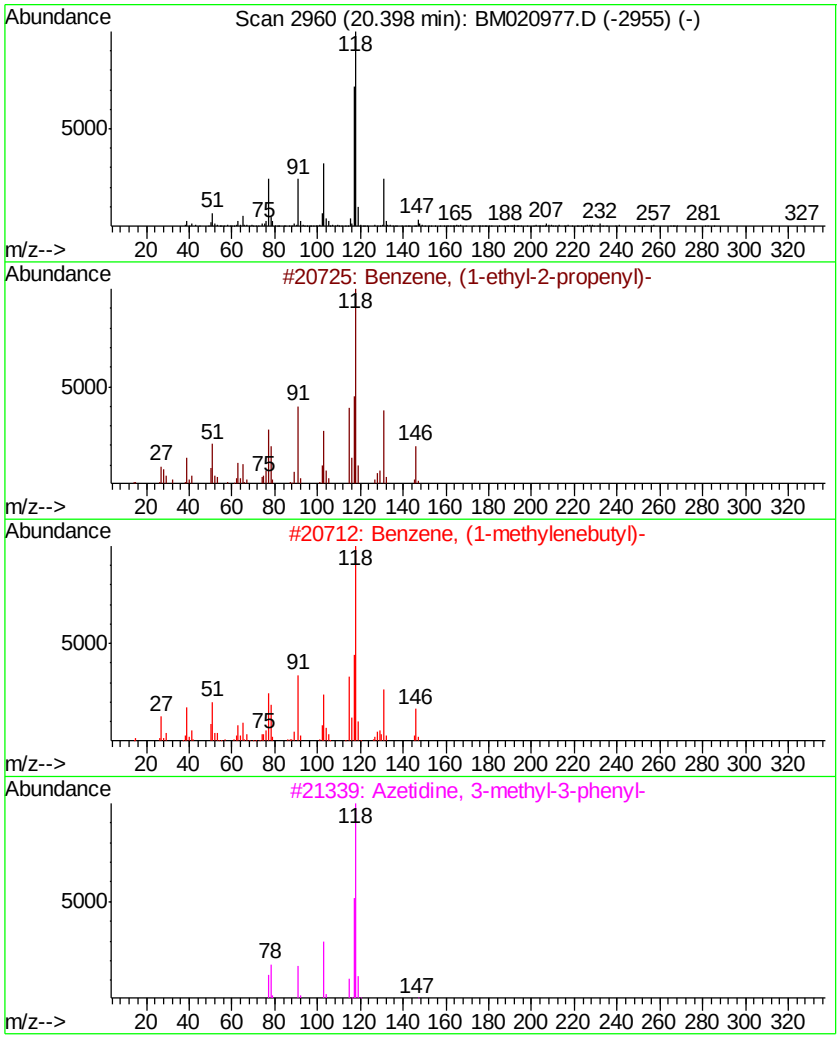
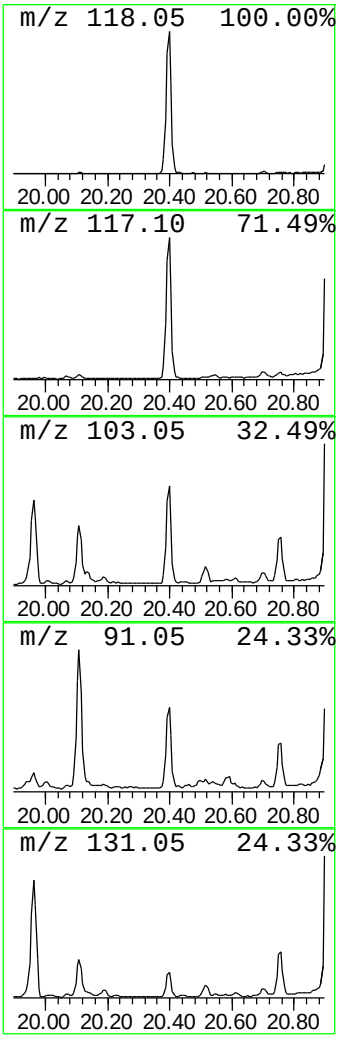
Peak Number 11 Benzene, (1-ethyl-2-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.76 ng/ul	866808	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	78
2	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	64
3	Azetidine, 3-methyl-3-phenyl-	147	C10H13N	005961-33-1	59
4	2,3,4-Trifluorobenzoic acid, 3-p...	294	C16H13F3O2	1000282-30-3	53
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	53





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Misc :
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Instrument : BNA_M
ClientSampleId : DB8M0

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Quant Title : SVOA CALIBRATION

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

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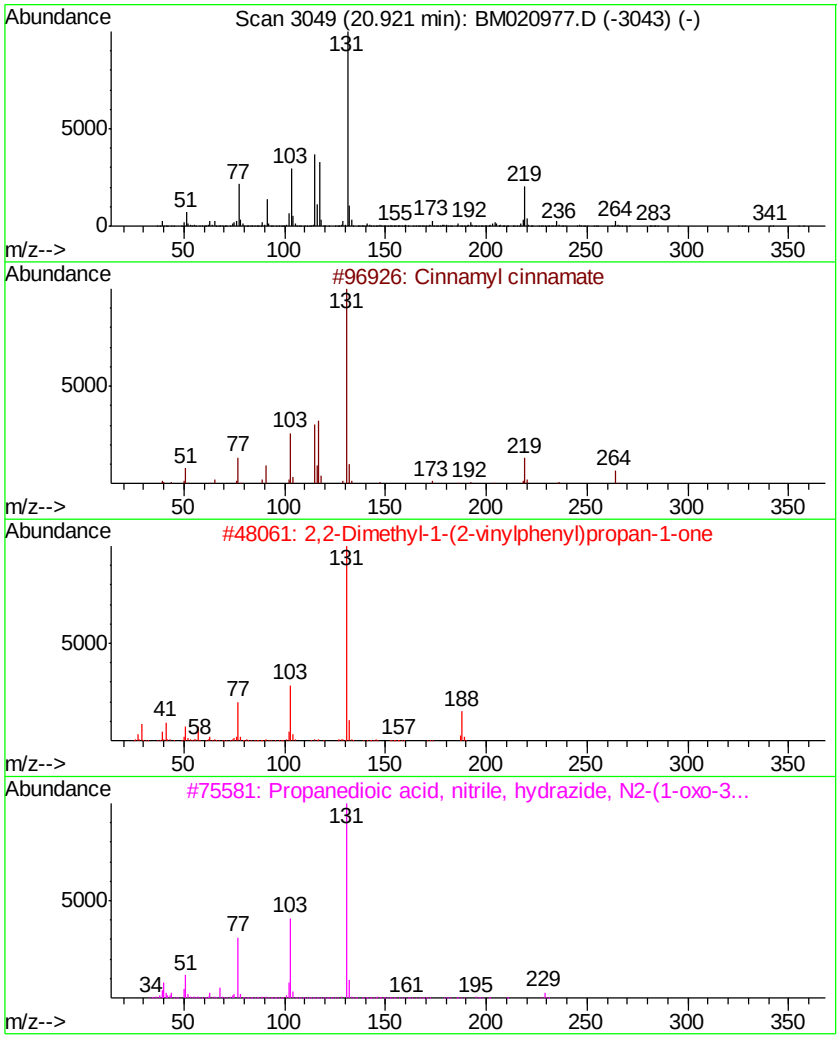
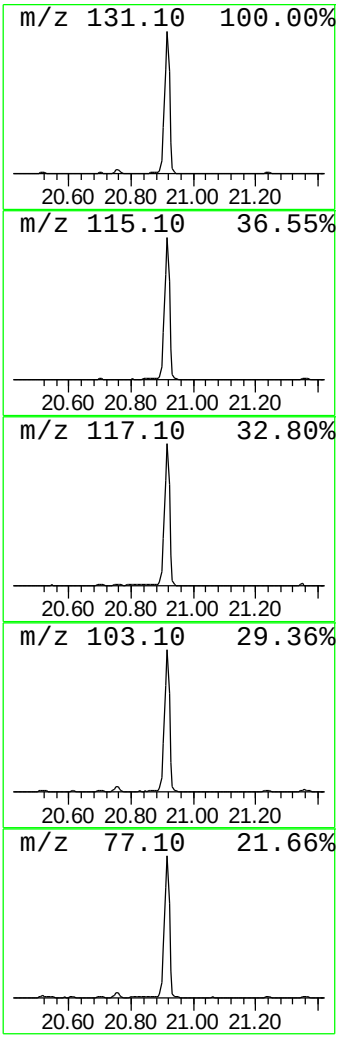
Peak Number 12 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	38.60 ng/ul	12102800	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	90
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
4	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47
5	2-Propenamide, 3-phenyl-N-2-prop...	187	C12H13NO	041041-34-3	47





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ClientSampleId : DB8M0

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Quant Title : SVOA CALIBRATION

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

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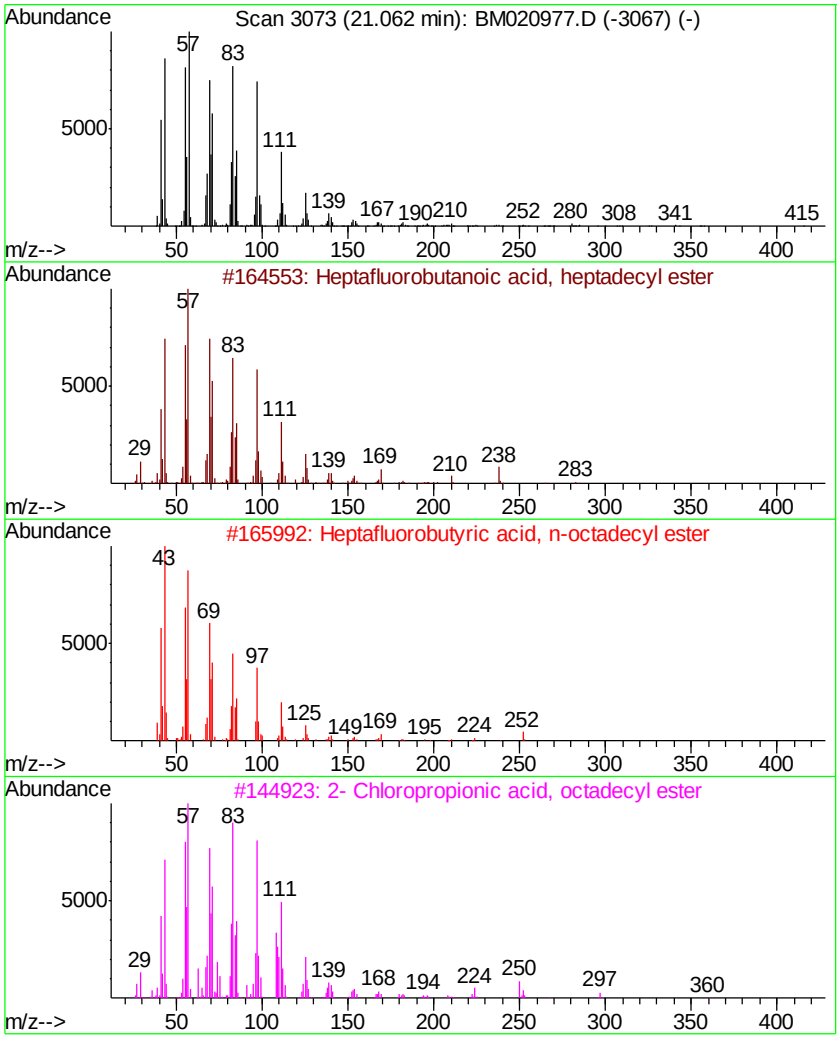
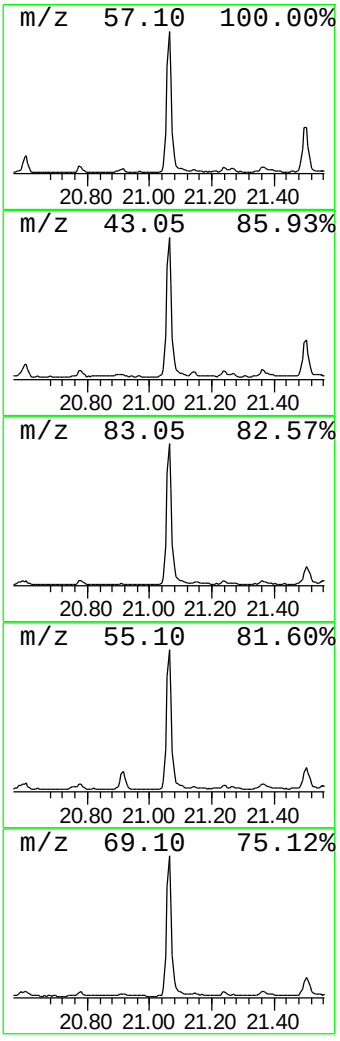
Peak Number 13 Heptafluorobutanoic acid, h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	9.12 ng/ul	2858600	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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Quant Title : SVOA CALIBRATION

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

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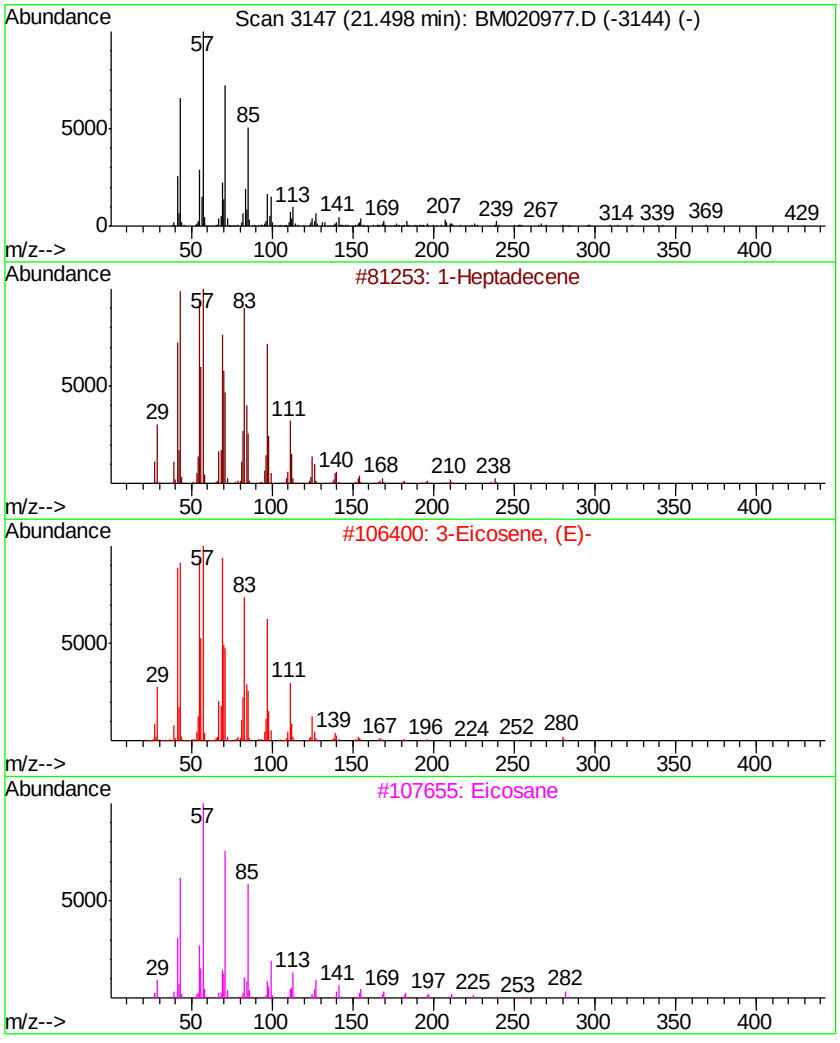
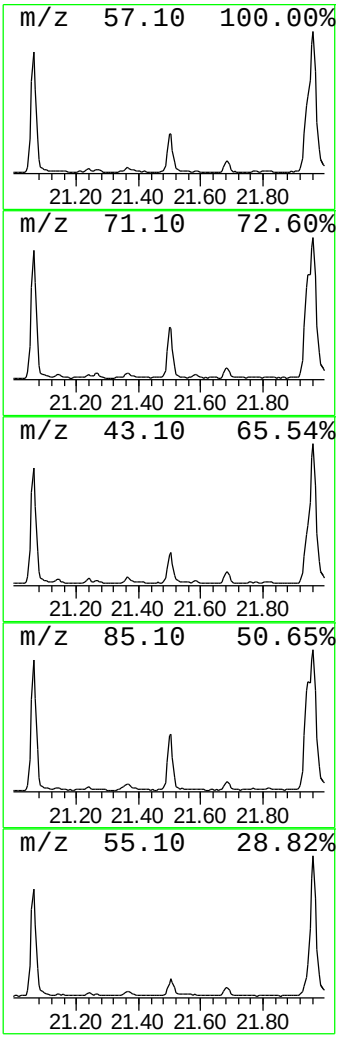
Peak Number 14 (DEL) Alkane: Cyclic21.50 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.01 ng/ul	629912	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
5	Hexadecane	226	C16H34	000544-76-3	91





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Quant Title : SVOA CALIBRATION

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

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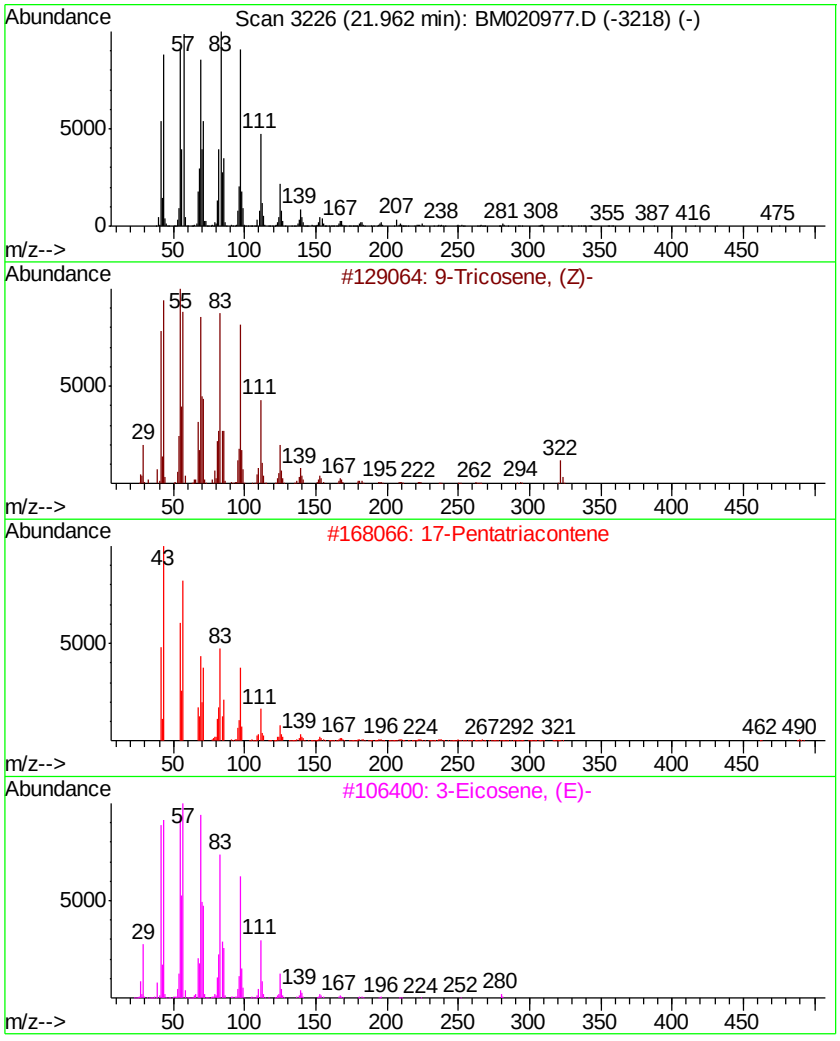
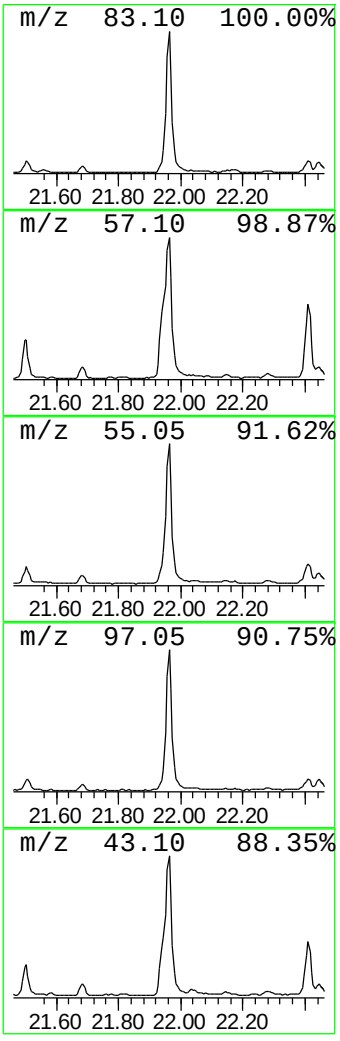
Peak Number 15 (DEL) Alkane: Cyclic21.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	15.86 ng/ul	4974590	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





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

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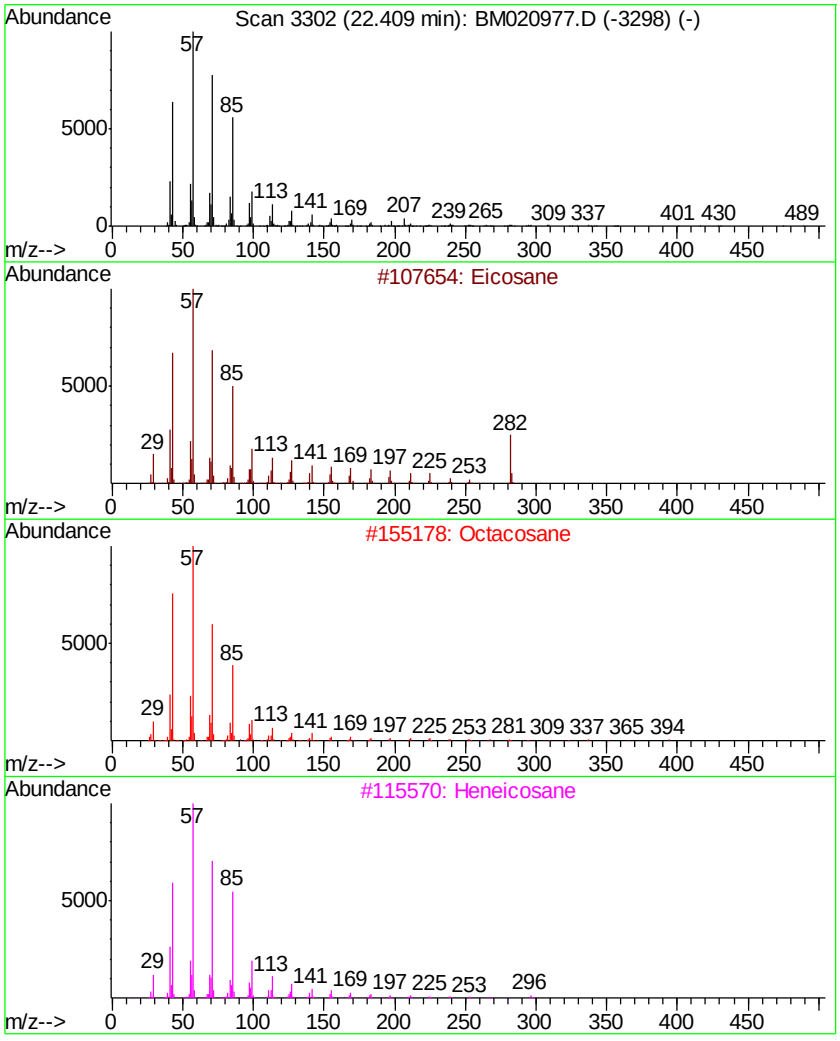
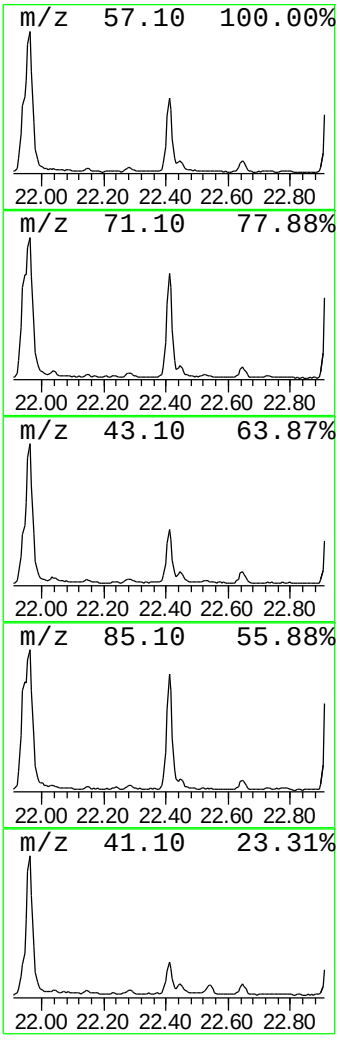
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.06 ng/ul	959295	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





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ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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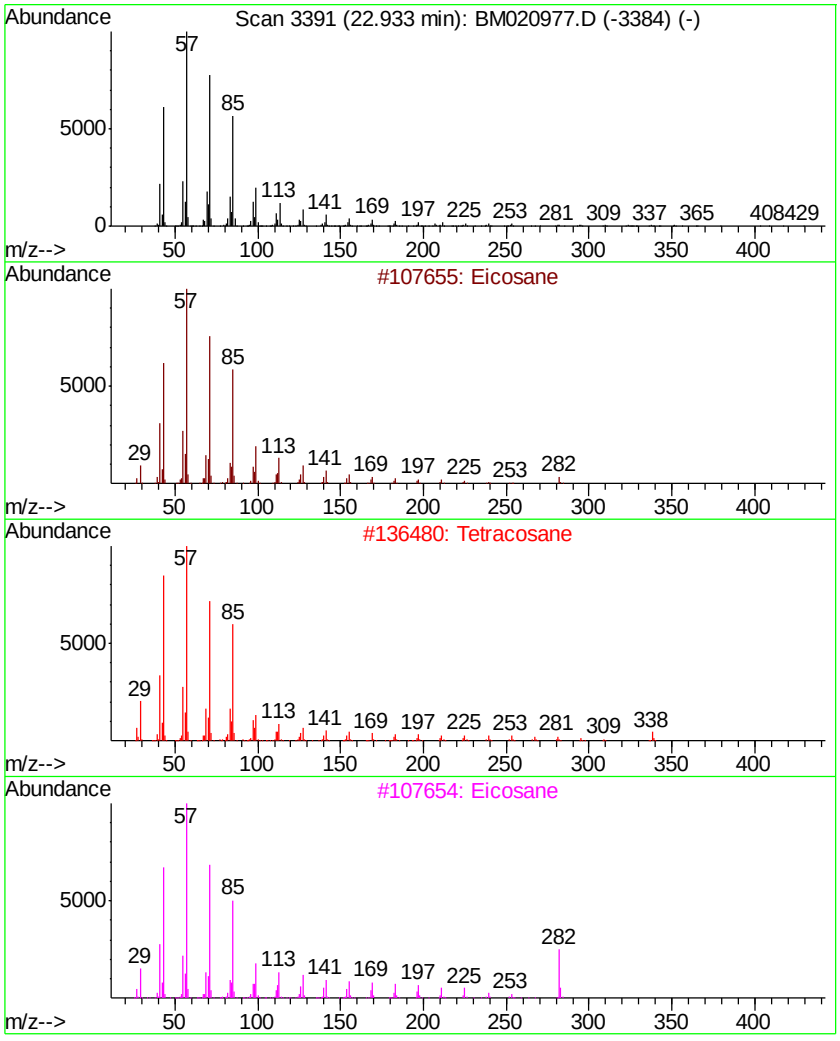
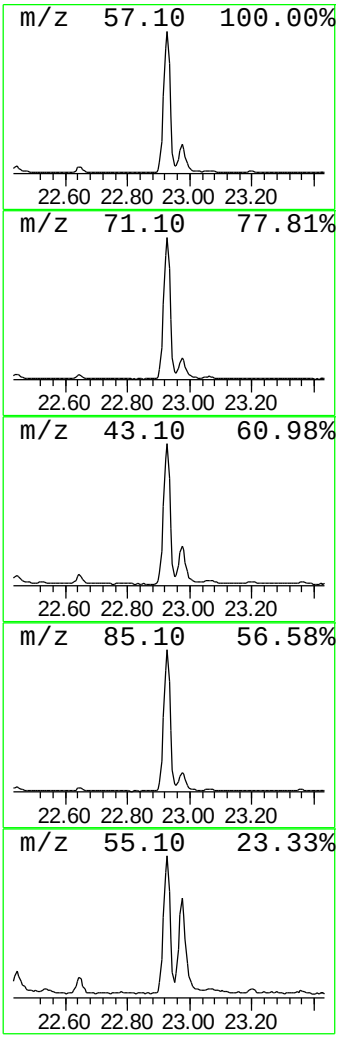
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	14.33 ng/ul	3777630	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetracosane	338	C24H50	000646-31-1	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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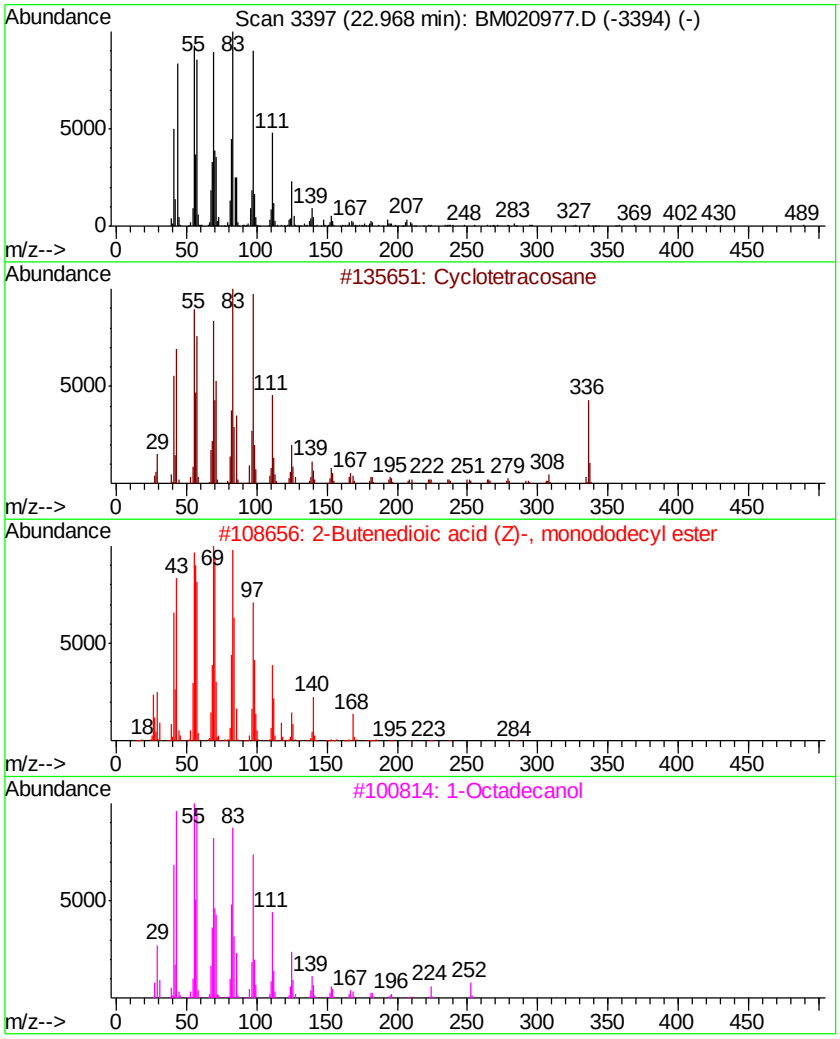
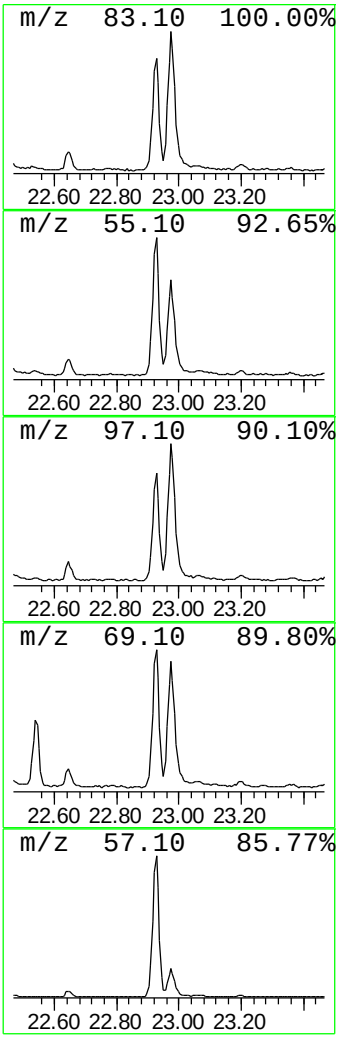
Peak Number 18 (DEL) Alkane: Cyclic22.97 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	6.44 ng/ul	1696720	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	80
3	1-Octadecanol	270	C18H38O	000112-92-5	70
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	68
5	1-Heptadecanol	256	C17H36O	001454-85-9	62





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Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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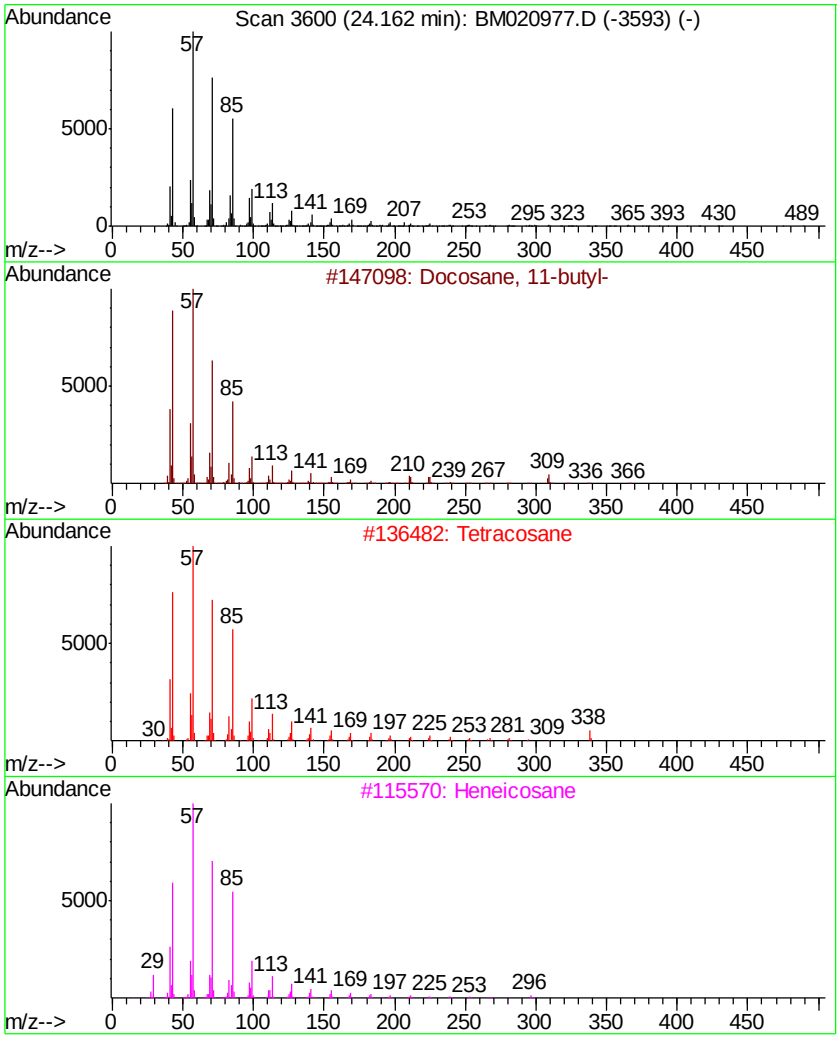
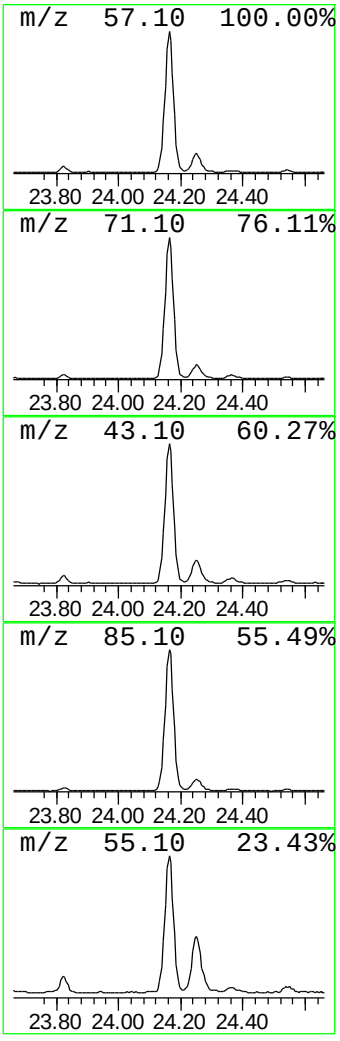
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	18.24 ng/ul	4807910	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Nonacosane	408	C29H60	000630-03-5	91





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Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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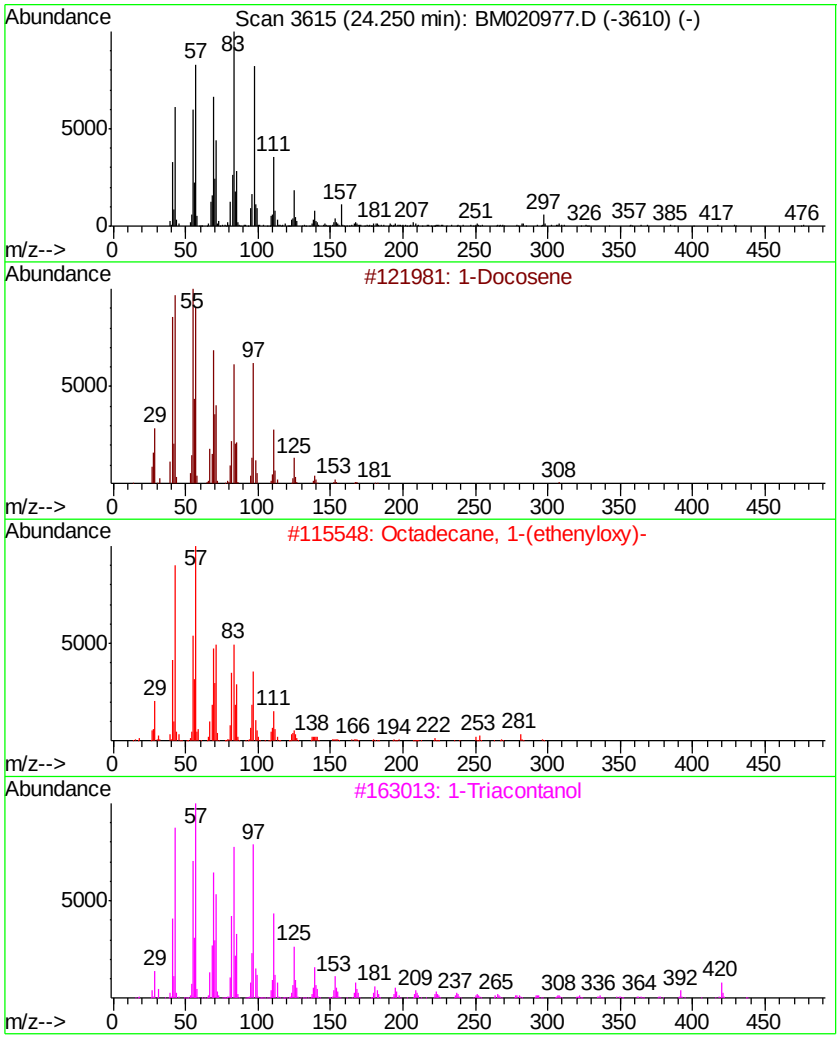
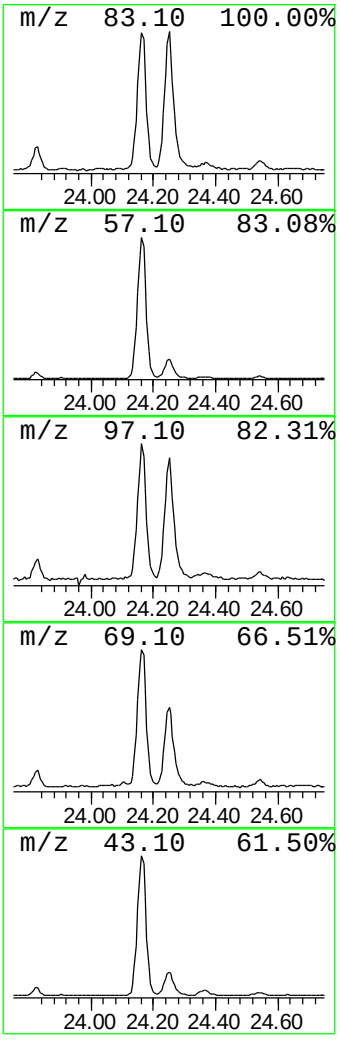
Peak Number 20 (DEL) Alkane: Cyclic24.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	5.06 ng/ul	1333050	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	78
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	59
3	1-Triacontanol	438	C30H62O	000593-50-0	58
4	1-Hexacosanol	382	C26H54O	000506-52-5	52
5	1-Tetracosanol	354	C24H50O	000506-51-4	52





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Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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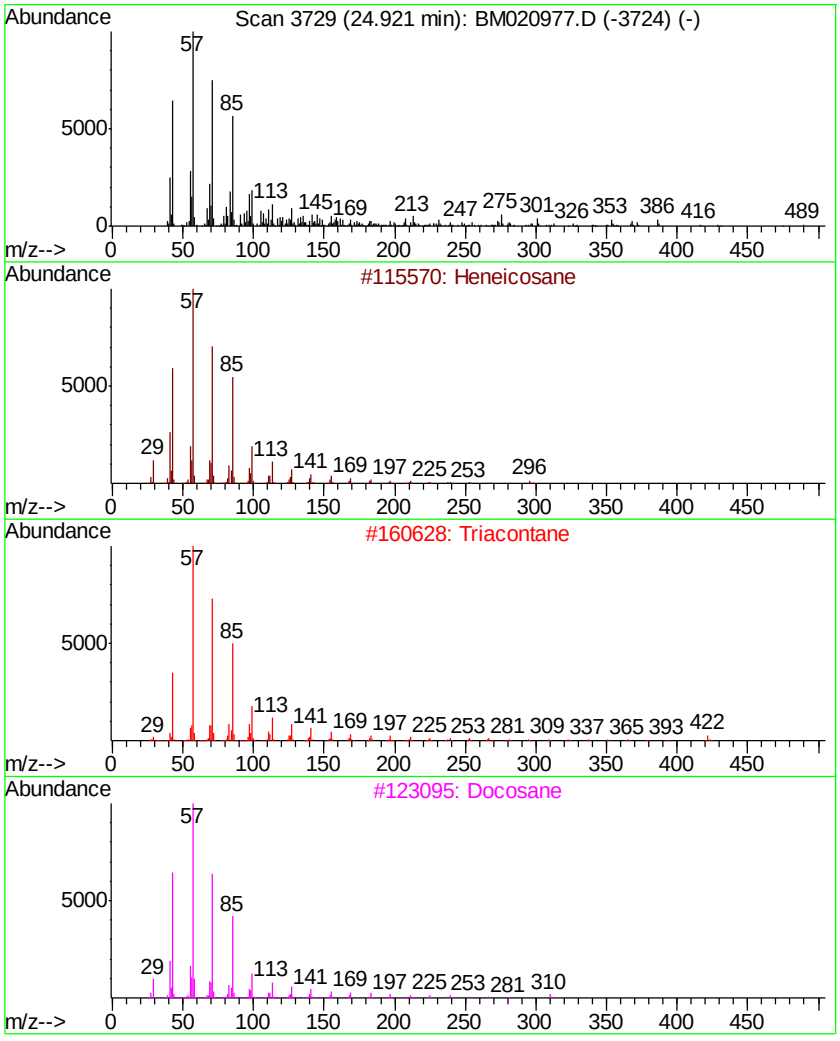
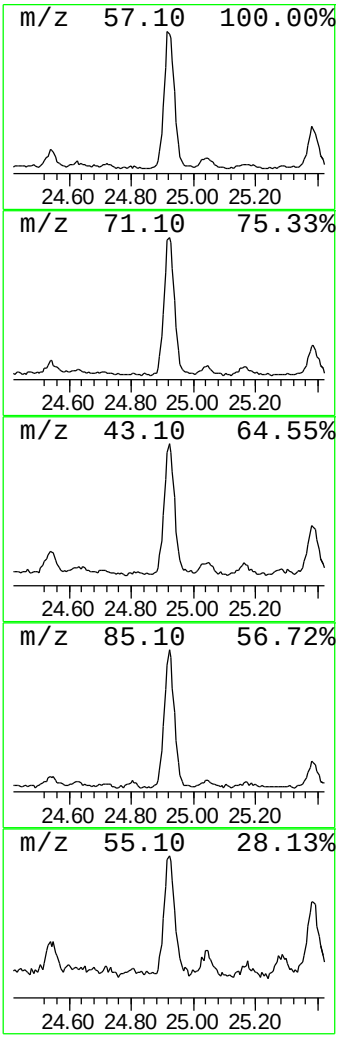
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	4.36 ng/ul	1148550	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Triacontane	422	C30H62	000638-68-6	87
3	Docosane	310	C22H46	000629-97-0	87
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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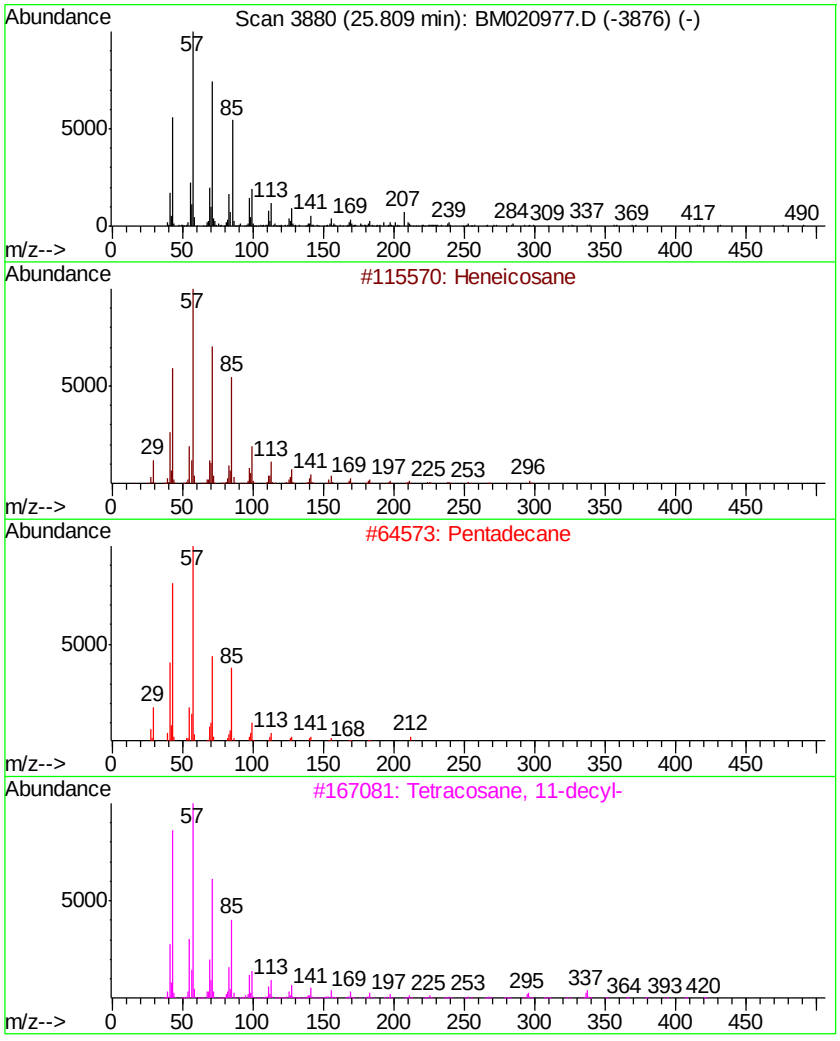
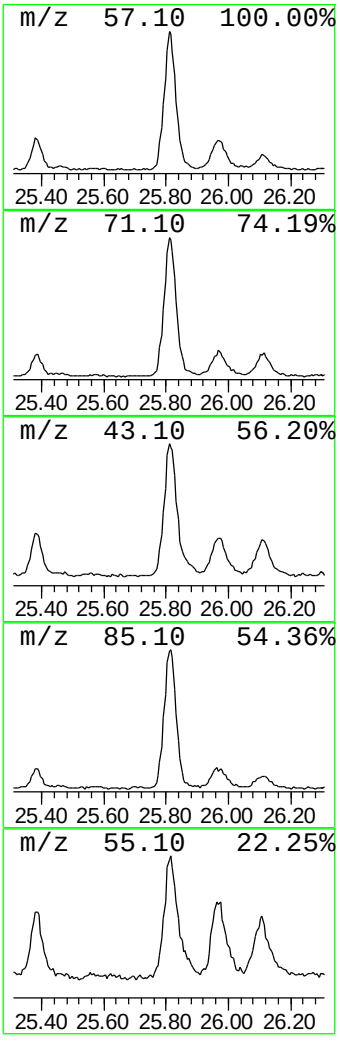
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	5.88 ng/ul	1550720	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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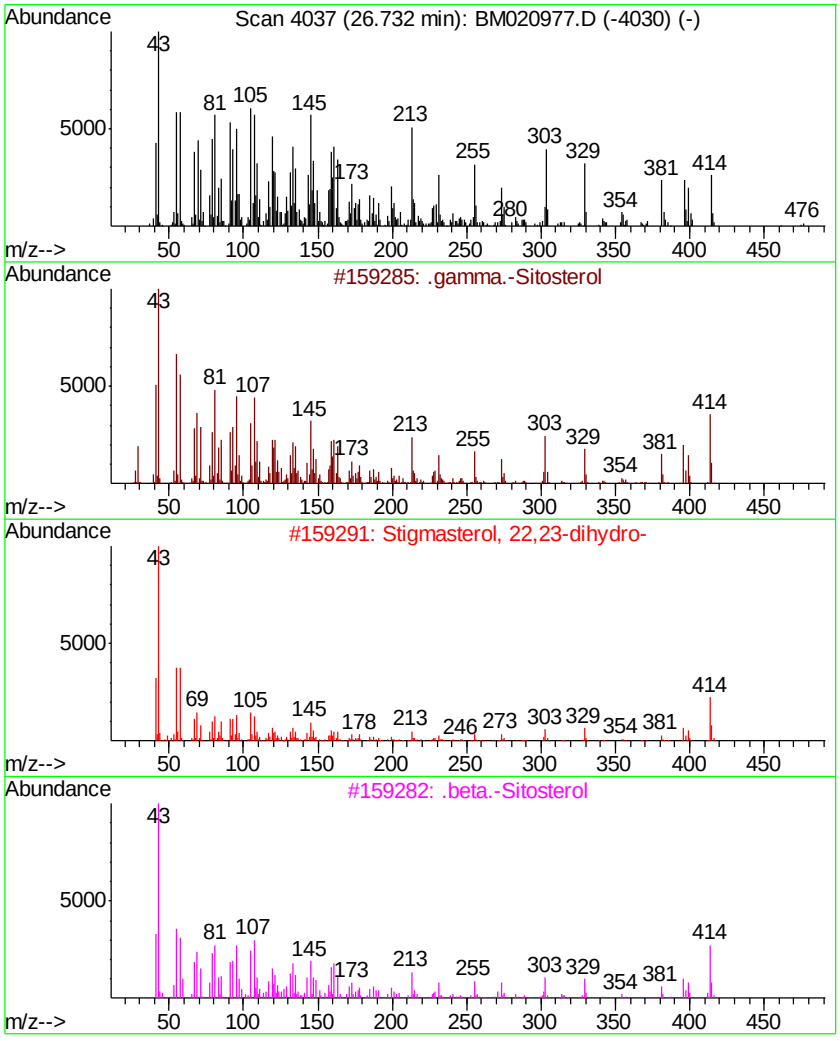
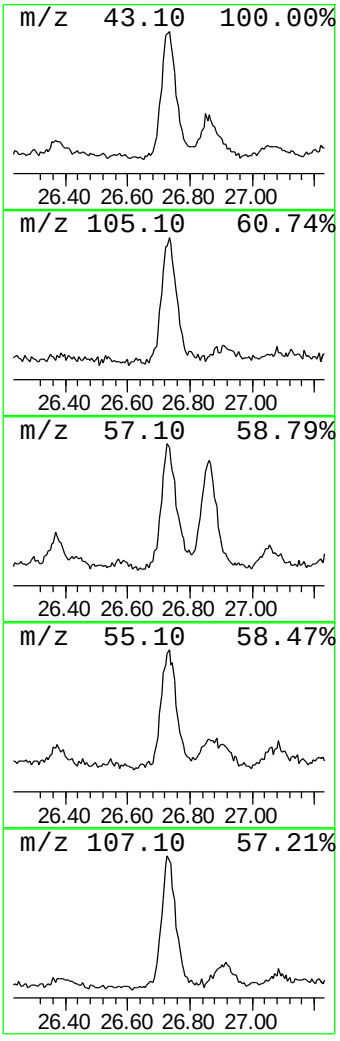
Peak Number 23 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	7.07 ng/ul	1863590	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	97
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	78
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020977.D
Acq On : 17 Jun 2019 13:59
Operator : HP/JU
Sample : K3231-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	52.9	ng/ul	4358230	1	7.79	1648520	20.0
1R-.alpha.-Pinene	6.47	3.0	ng/ul	242850	1	7.79	1648520	20.0
Caryophyllene	13.75	10.8	ng/ul	2115440	3	14.43	3910450	20.0
Naphthalene, 1,2,...	14.75	4.7	ng/ul	923753	3	14.43	3910450	20.0
Caryophyllenyl al...	15.36	3.8	ng/ul	739371	3	14.43	3910450	20.0
n-Hexadecanoic acid	18.07	6.3	ng/ul	1660240	4	17.18	5269550	20.0
Octadecanoic acid	19.34	2.6	ng/ul	808734	5	21.36	6271290	20.0
unknown-01	19.39	7.9	ng/ul	2471270	5	21.36	6271290	20.0
2-Propenoic acid,...	19.96	2.7	ng/ul	836833	5	21.36	6271290	20.0
unknown-02	20.11	2.7	ng/ul	840678	5	21.36	6271290	20.0
Benzene, (1-ethyl...	20.40	2.8	ng/ul	866808	5	21.36	6271290	20.0
Cinnamyl cinnamate	20.92	38.6	ng/ul	12102800	5	21.36	6271290	20.0
Heptafluorobutano...	21.06	9.1	ng/ul	2858600	5	21.36	6271290	20.0
(DEL) Alkane: Cyc...	21.50	2.0	ng/ul	629912	5	21.36	6271290	20.0
(DEL) Alkane: Cyc...	21.96	15.9	ng/ul	4974590	5	21.36	6271290	20.0
(DEL) Alkane: Str...	22.41	3.1	ng/ul	959295	5	21.36	6271290	20.0
(DEL) Alkane: Str...	22.93	14.3	ng/ul	3777630	6	23.63	5272310	20.0
(DEL) Alkane: Cyc...	22.97	6.4	ng/ul	1696720	6	23.63	5272310	20.0
(DEL) Alkane: Str...	24.16	18.2	ng/ul	4807910	6	23.63	5272310	20.0
(DEL) Alkane: Cyc...	24.25	5.1	ng/ul	1333050	6	23.63	5272310	20.0
(DEL) Alkane: Str...	24.92	4.4	ng/ul	1148550	6	23.63	5272310	20.0
(DEL) Alkane: Str...	25.81	5.9	ng/ul	1550720	6	23.63	5272310	20.0
.gamma.-Sitosterol	26.73	7.1	ng/ul	1863590	6	23.63	5272310	20.0