LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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-BM111119MA.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	6.692	641	647	649	rVV	216941	321113	0.46%	0.047%
2	6.734	649	654	665	rVB	1320504	2294843	3.27%	0.339%
3	6.887	674	680	686	rBV	999082	1554924	2.21%	0.230%
4	7.081	706	713	723	rVB	1372901	2198162	3.13%	0.325%
5	7.539	783	791	800	rBV	1751816	2750429	3.91%	0.407%
6	7.792	825	834	841	rBV	333808	649076	0.92%	0.096%
7	8.257	902	913	921	rBV	1779638	2984419	4.25%	0.441%
8	8.692	980	987	997	rVV	1292476	2116545	3.01%	0.313%
9	8.869	1009	1017	1023	rBV	485163	763347	1.09%	0.113%
10	9.410	1098	1109	1115	rBV	1115292	1874433	2.67%	0.277%
11	9.951	1194	1201	1220	rVB	1908042	3284336	4.67%	0.486%
12	10.316	1256	1263	1269	rBV	2703441	4338793	6.17%	0.641%
13	10.463	1279	1288	1294	rBV	126623	281322	0.40%	0.042%
14	10.557	1298	1304	1314	rBV	184342	450391	0.64%	0.067%
15	11.098	1393	1396	1400	rVV	158874	280552	0.40%	0.041%
16	11.151	1400	1405	1414	rVV	307045	513415	0.73%	0.076%
17	11.298	1425	1430	1438	rVV	124942	278181	0.40%	0.041%
18	11.974	1539	1545	1555	rBV2	224522	431252	0.61%	0.064%
19	12.533	1635	1640	1648	rVB	1023348	1678201	2.39%	0.248%
20	12.692	1662	1667	1683	rVB	234434	531238	0.76%	0.079%
21	13.339	1768	1777	1791	rBV	776897	1609631	2.29%	0.238%
22	13.486	1796	1802	1811	rBV	364556	663637	0.94%	0.098%
23	13.616	1818	1824	1829	rBV	3337046	4671097	6.65%	0.691%
24	13.663	1829	1832	1837	rVV	729204	930665	1.32%	0.138%
25	13.886	1862	1870	1875	rBV	4001461	5971351	8.50%	0.883%
26	14.198	1915	1923	1931	rBV	4355174	7239159	10.30%	1.070%
27	14.268	1931	1935	1939	rVV3	166726	297821	0.42%	0.044%
28	14.433	1957	1963	1966	rBV	644702	1060463	1.51%	0.157%
29	14.468	1966	1969	1977	rVB4	532172	862301	1.23%	0.127%
30	14.680	2001	2005	2010	rVV2	876487	1197705	1.70%	0.177%
31	14.768	2010	2020	2024	rVB4	258249	465373	0.66%	0.069%
32	15.080	2069	2073	2078	rVB	411329	516686	0.74%	0.076%
33	15.198	2086	2093	2098	rBV	4926618	7116364	10.13%	1.052%
34	15.327	2110	2115	2123	rVB	1003149	1366138	1.94%	0.202%

LSC Area Percent Report

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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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-BM111119MA.M
Title : SVOA CALIBRATION

35	15.492	2141	2143	2150	rVB4	154493	223676	0.32%	0.033%
36	15.604	2156	2162	2166	rBV2	4196734	6402480	9.11%	0.947%
37	15.639	2166	2168	2172	rVV	824190	1015663	1.45%	0.150%
38	15.680	2172	2175	2179	rVV2	596302	761058	1.08%	0.113%
39	15.727	2179	2183	2187	rVV2	627891	982076	1.40%	0.145%
40	15.774	2187	2191	2196	rVV3	570936	1033504	1.47%	0.153%
41	15.839	2196	2202	2209	rVV	15249288	20833161	29.65%	3.080%
42	15.962	2213	2223	2229	rVB6	813852	2073930	2.95%	0.307%
43	16.386	2291	2295	2298	rBV	340307	442412	0.63%	0.065%
44	16.674	2341	2344	2350	rBV2	214705	327819	0.47%	0.048%
45	16.739	2351	2355	2358	rBV2	485109	636199	0.91%	0.094%
46	16.851	2369	2374	2381	rBV	1876451	2636269	3.75%	0.390%
47	16.945	2385	2390	2395	rBV	4786554	6960011	9.90%	1.029%
48	16.986	2395	2397	2401	rVV	534675	618582	0.88%	0.091%
49	17.045	2401	2407	2417	rVB2	4992911	7811154	11.12%	1.155%
50	17.162	2421	2427	2433	rBV	9255744	12884074	18.33%	1.905%
51	17.356	2456	2460	2464	rBV2	887736	1137235	1.62%	0.168%
52	17.415	2467	2470	2474	rVV2	617676	841249	1.20%	0.124%
53	17.468	2474	2479	2489	rVB4	721712	1681918	2.39%	0.249%
54	17.674	2511	2514	2521	rVB	379632	588757	0.84%	0.087%
55	17.815	2534	2538	2543	rVB2	841861	1145459	1.63%	0.169%
56	17.880	2544	2549	2553	rVV	4651641	5853785	8.33%	0.865%
57	17.933	2554	2558	2564	rVB	1753757	2436467	3.47%	0.360%
58	18.074	2579	2582	2586	rVB2	534586	672388	0.96%	0.099%
59	18.168	2596	2598	2603	rVB	423509	479190	0.68%	0.071%
60	18.239	2606	2610	2618	rVB	1077101	1524007	2.17%	0.225%
61	18.739	2691	2695	2701	rBV	799508	1035787	1.47%	0.153%
62	18.815	2704	2708	2718	rVB2	1719300	2520974	3.59%	0.373%
63	19.015	2738	2742	2744	rBV	780712	976271	1.39%	0.144%
64	19.045	2744	2747	2754	rVB2	793135	1133375	1.61%	0.168%
65	19.168	2764	2768	2776	rBV	2286559	3013380	4.29%	0.445%
66	19.350	2794	2799	2804	rBV	4879652	6952114	9.89%	1.028%
67	19.897	2888	2892	2895	rBV	4130031	4888858	6.96%	0.723%
68	19.933	2895	2898	2903	rVB	6365110	6995921	9.96%	1.034%
69	20.409	2976	2979	2980	rBV	854455	923500	1.31%	0.137%
70	20.433	2980	2983	2987	rVB	1982966	2225619	3.17%	0.329%
71	20.597	3009	3011	3017	rVB	888446	938927	1.34%	0.139%

LSC Area Percent Report

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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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-BM111119MA.M
Title : SVOA CALIBRATION

72	20.686	3022	3026	3028	rVV	3787351	4529146	6.44%	0.670%
73	20.715	3028	3031	3038	rVB	4966386	5817981	8.28%	0.860%
74	20.897	3056	3062	3067	rBV2	27906302	41313335	58.79%	6.108%
75	20.974	3071	3075	3081	rVB	4242776	5289833	7.53%	0.782%
76	21.092	3088	3095	3099	rVB	3761588	5722210	8.14%	0.846%
77	21.150	3101	3105	3109	rBV	4046998	4950345	7.04%	0.732%
78	21.333	3132	3136	3139	rBV	4617411	5331187	7.59%	0.788%
79	21.503	3162	3165	3168	rBV	4470202	4774598	6.79%	0.706%
80	21.644	3187	3189	3198	rVB3	1237485	1978343	2.82%	0.292%
81	21.768	3204	3210	3220	rBV3	42082106	70275125	100.00%	10.389%
82	21.944	3237	3240	3244	rBV2	1751405	2272279	3.23%	0.336%
83	22.062	3257	3260	3267	rVB	4003565	5227467	7.44%	0.773%
84	22.203	3281	3284	3286	rBV	1937696	2461273	3.50%	0.364%
85	22.227	3286	3288	3295	rVB	2786307	3802663	5.41%	0.562%
86	22.427	3317	3322	3326	rBV	16095158	22369394	31.83%	3.307%
87	22.709	3363	3370	3373	rBV	20316087	42040579	59.82%	6.215%
88	22.750	3373	3377	3386	rVB	32720384	53525894	76.17%	7.913%
89	22.944	3408	3410	3424	rVB3	2003920	3641636	5.18%	0.538%
90	23.180	3446	3450	3456	rVB	2704705	4307749	6.13%	0.637%
91	23.315	3466	3473	3484	rVB2	3456205	9073249	12.91%	1.341%
92	23.538	3505	3511	3519	rVB	12549617	23064525	32.82%	3.410%
93	23.868	3561	3567	3573	rVB	5351461	10678640	15.20%	1.579%
94	23.944	3573	3580	3588	rBV	16068984	32447974	46.17%	4.797%
95	24.044	3594	3597	3608	rVB	2676395	5131354	7.30%	0.759%
96	25.009	3755	3761	3771	rVB	3583379	8620858	12.27%	1.274%
97	25.550	3846	3853	3862	rVB	3670989	9067070	12.90%	1.340%
98	26.274	3964	3976	3990	rBV3	17208820	57601698	81.97%	8.515%
99	27.126	4112	4121	4143	rVB4	6932358	26924933	38.31%	3.980%
100	27.762	4219	4229	4243	rVB2	7320718	27044035	38.48%	3.998%

Sum of corrected areas: 676435985

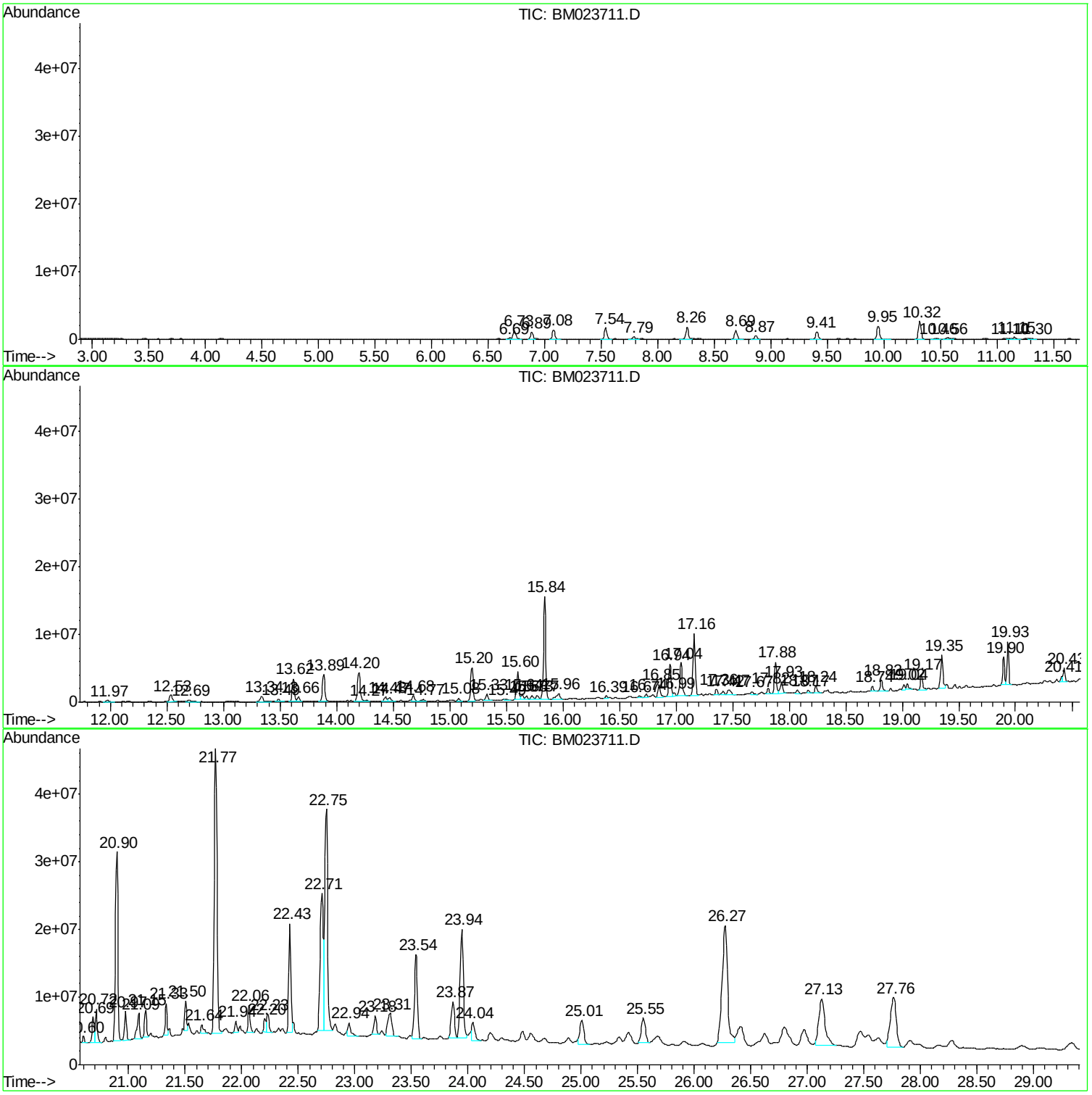
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
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Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

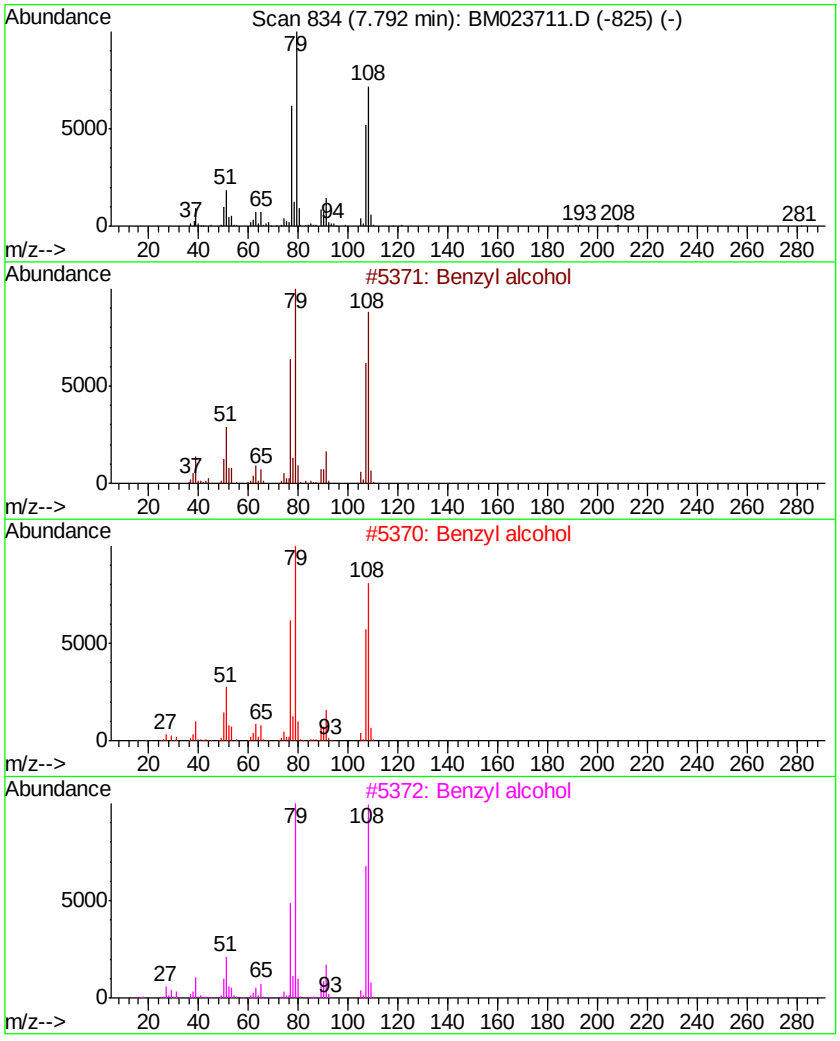
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

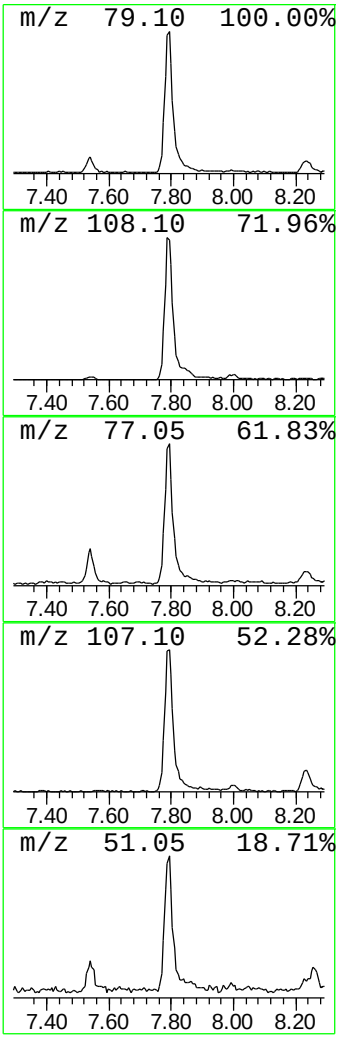
****

Peak Number 1 Benzyl alcohol Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	4.72 ng/ul	649076	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol	108	C7H8O	000100-51-6	96
2	Benzyl alcohol	108	C7H8O	000100-51-6	96
3	Benzyl alcohol	108	C7H8O	000100-51-6	96
4	N-.alpha.,N-.omega.-Di-cbz-L-arg...	442	C22H26N4O6	053934-75-1	91
5	Benzyl alcohol	108	C7H8O	000100-51-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

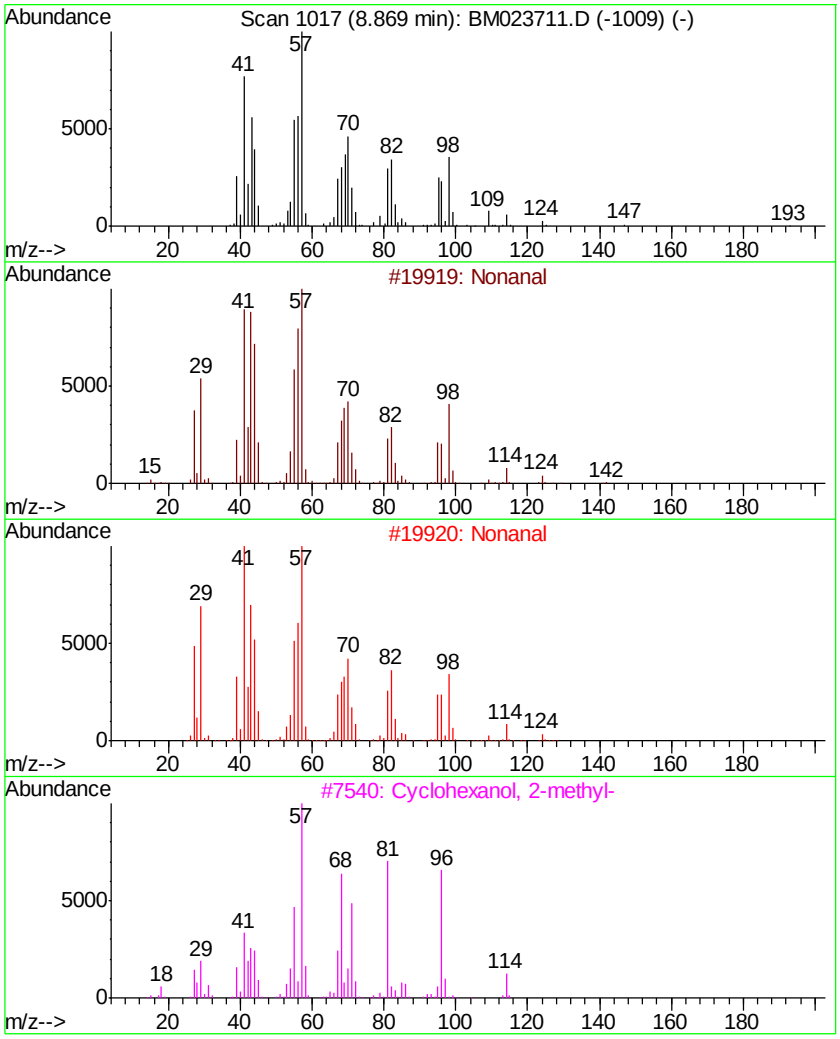
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

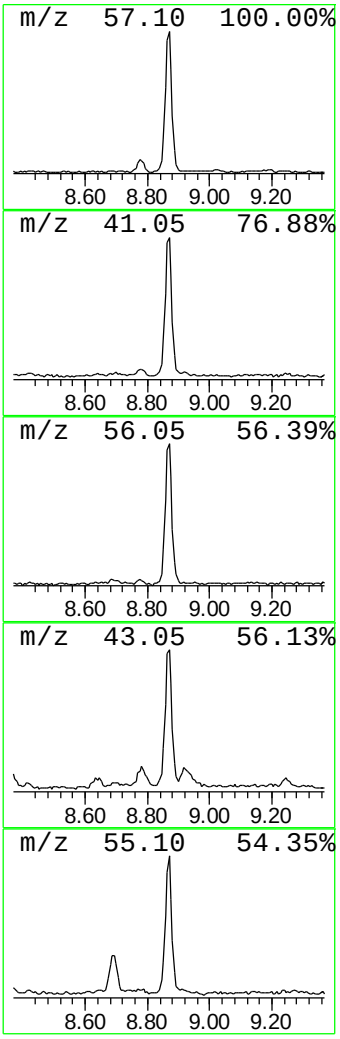
****

Peak Number 2 Nonanal Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.55 ng/ul	763347	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	78
2	Nonanal	142	C9H18O	000124-19-6	74
3	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38
4	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38
5	n-Heptyl hexanoate	214	C13H26O2	006976-72-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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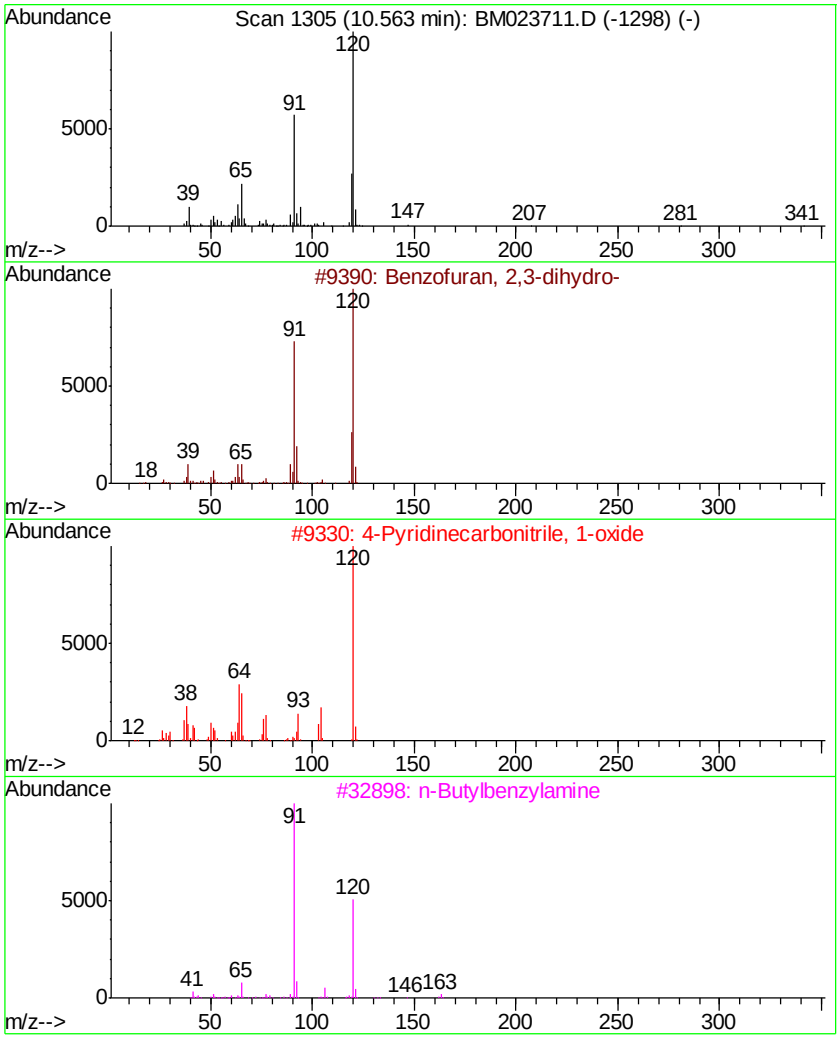
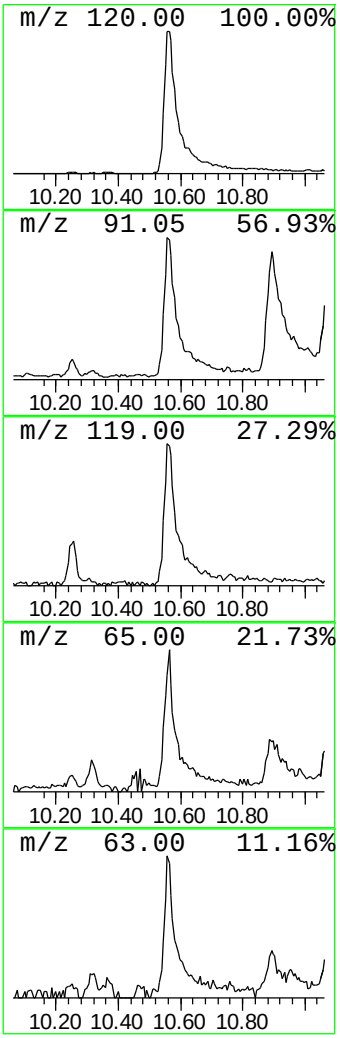
Peak Number 3 Benzofuran, 2,3-dihydro- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.08 ng/ul	450391	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	74
2	4-Pyridinecarbonitrile, 1-oxide	120	C6H4N2O	014906-59-3	53
3	n-Butylbenzylamine	163	C11H17N	002403-22-7	53
4	Benzene, propyl-	120	C9H12	000103-65-1	50
5	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

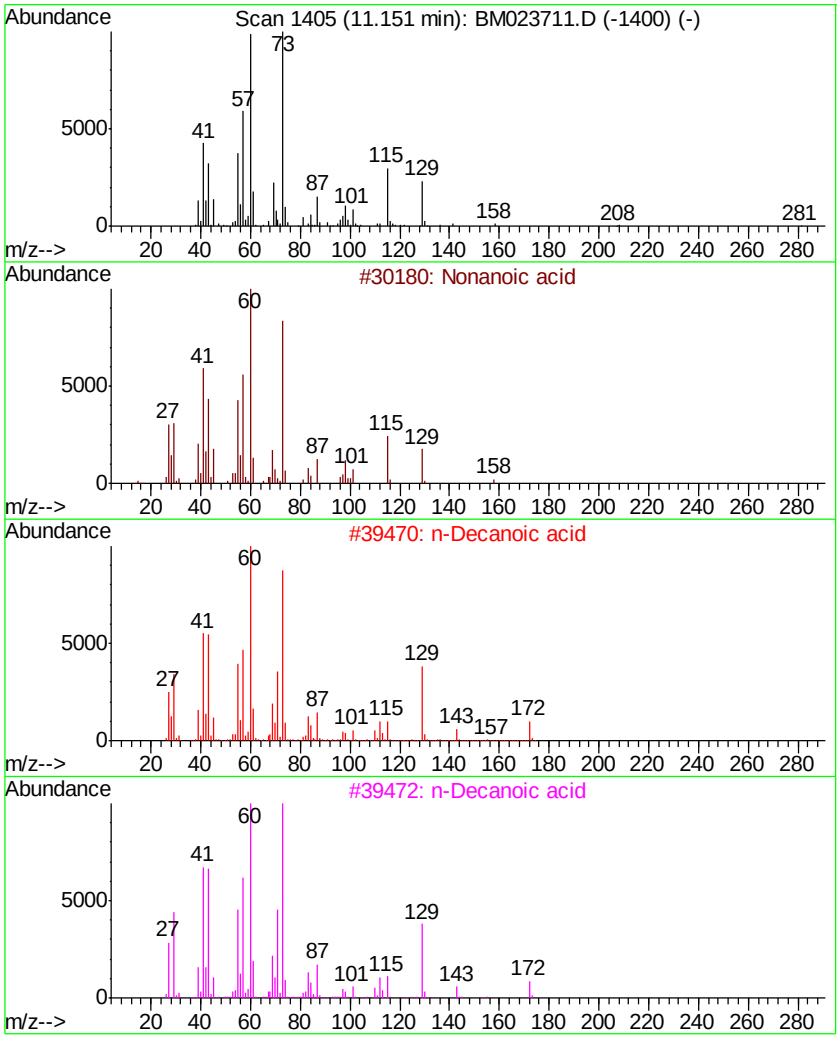
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

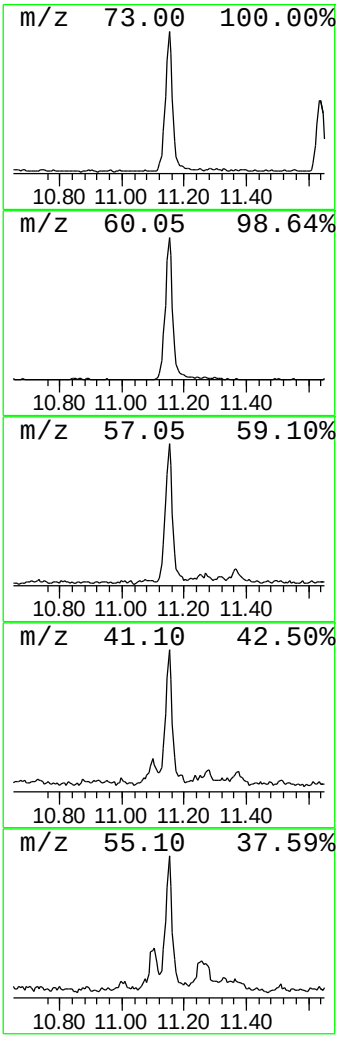
****

Peak Number 4 Nonanoic acid Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.37 ng/ul	513415	Naphthalene-d8	10.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	56
5	n-Decanoic acid	172	C10H20O2	000334-48-5	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
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Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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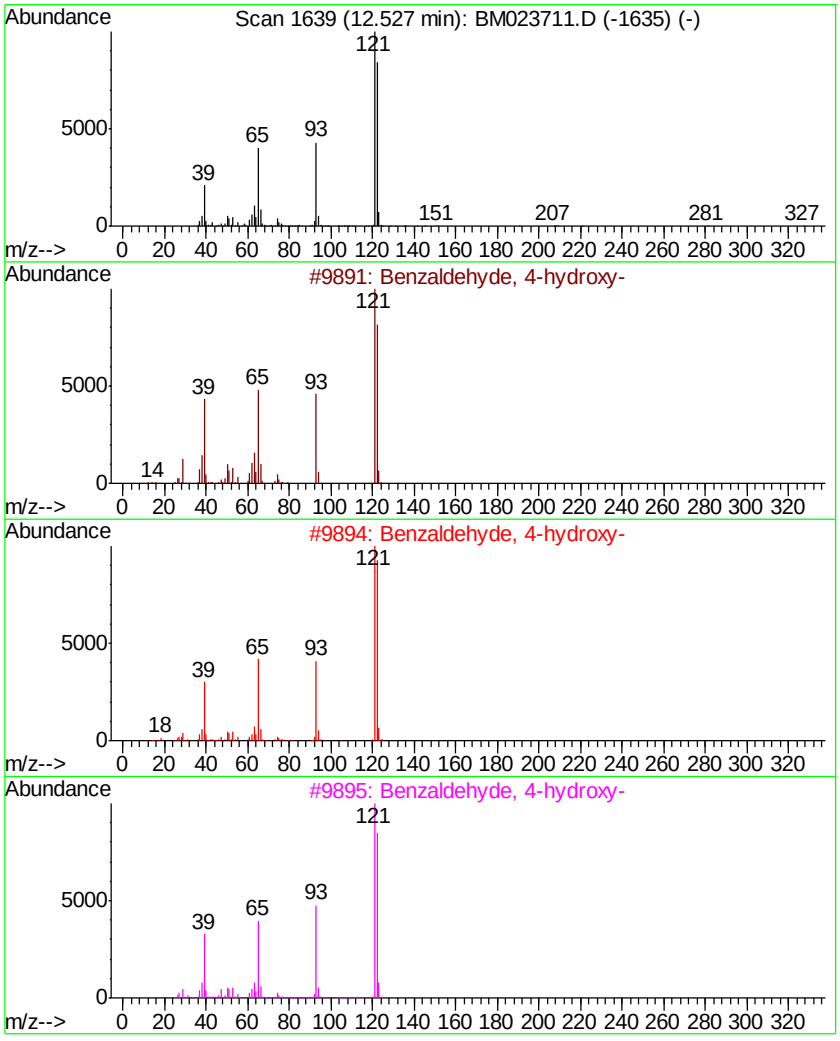
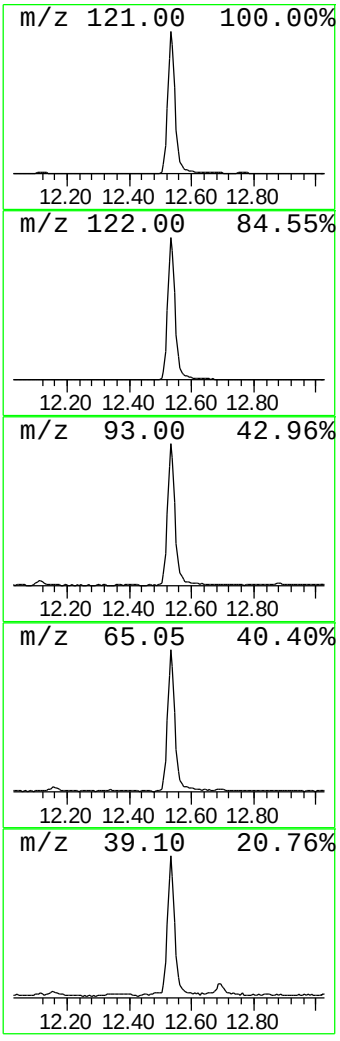
Peak Number 5 Benzaldehyde, 4-hydroxy- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.64 ng/ul	1678200	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	96
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	94
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	94
4	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	78
5	2-Pyridinealdoxime	122	C6H6N2O	000873-69-8	50





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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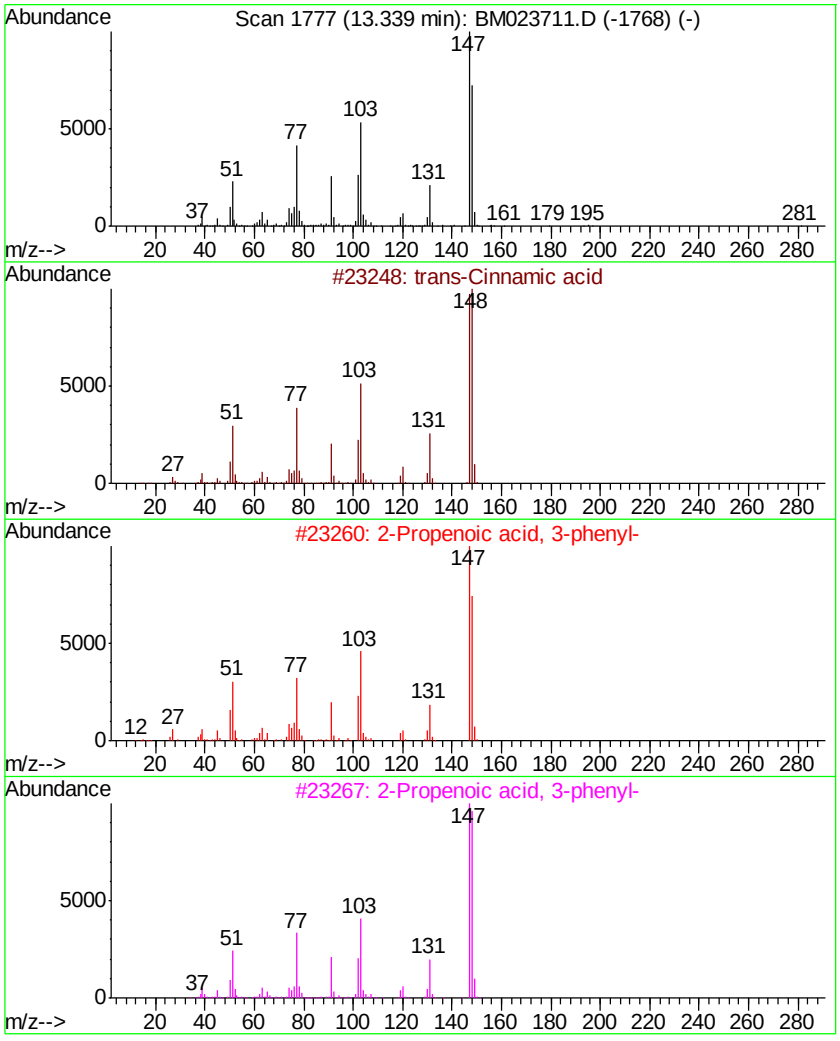
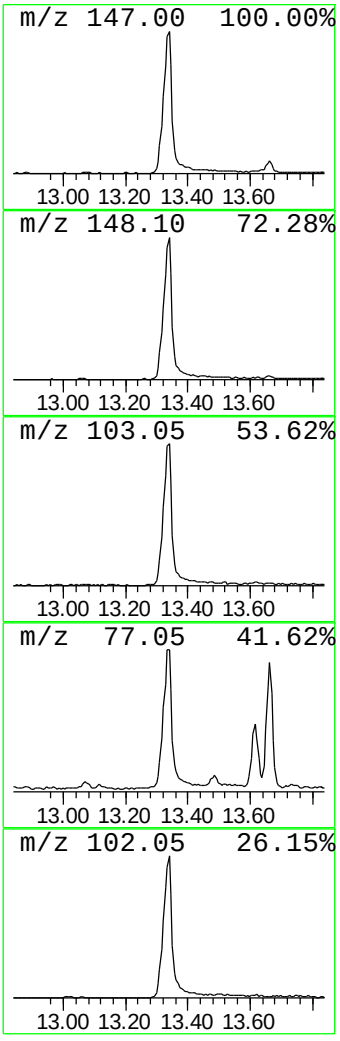
Peak Number 6 trans-Cinnamic acid Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.45 ng/ul	1609630	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamic acid	148	C9H8O2	000140-10-3	97
2	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	96
3	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	96
4	trans-Cinnamic acid	148	C9H8O2	000140-10-3	96
5	trans-Cinnamic acid	148	C9H8O2	000140-10-3	95





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Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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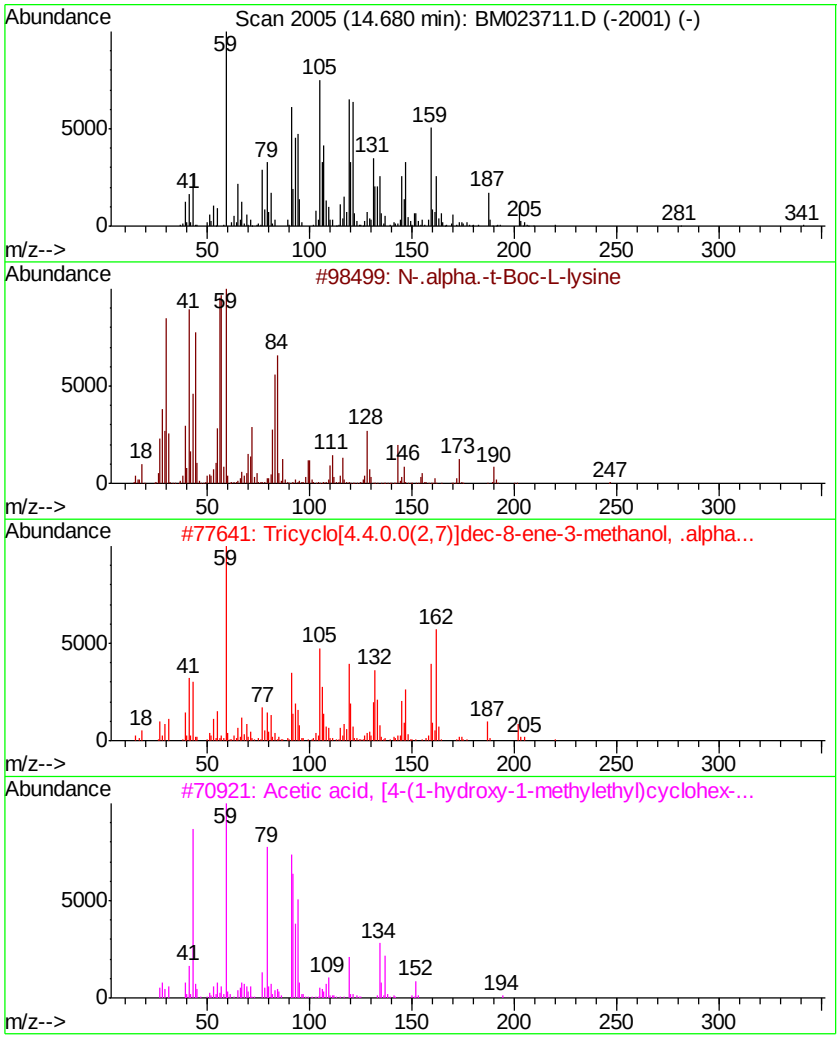
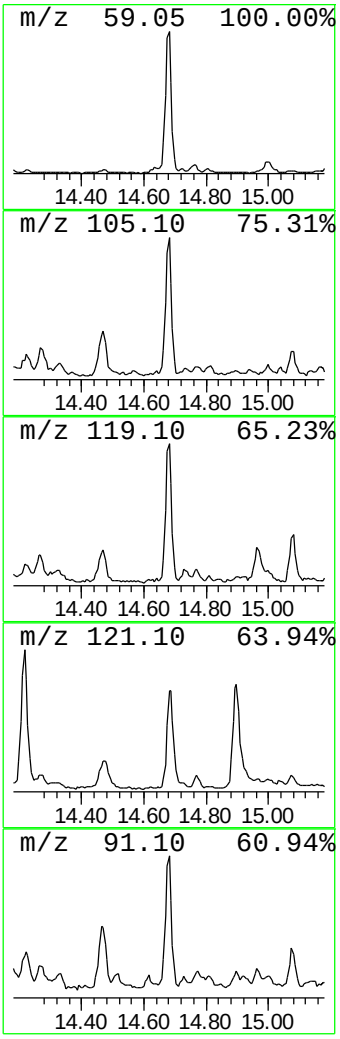
Peak Number 7 N-.alpha.-t-Boc-L-lysine Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	3.31 ng/ul	1197710	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-.alpha.-t-Boc-L-lysine	246	C11H22N2O4	013734-28-6	90
2	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	62
3	Acetic acid, [4-(1-hydroxy-1-met...	212	C12H20O3	1000197-22-2	25
4	2-Furanmethanol, 5-ethenyltetrah...	170	C10H18O2	005989-33-3	22
5	trans-Linalool oxide (furanoid)	170	C10H18O2	034995-77-2	22





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Sample : K5678-15
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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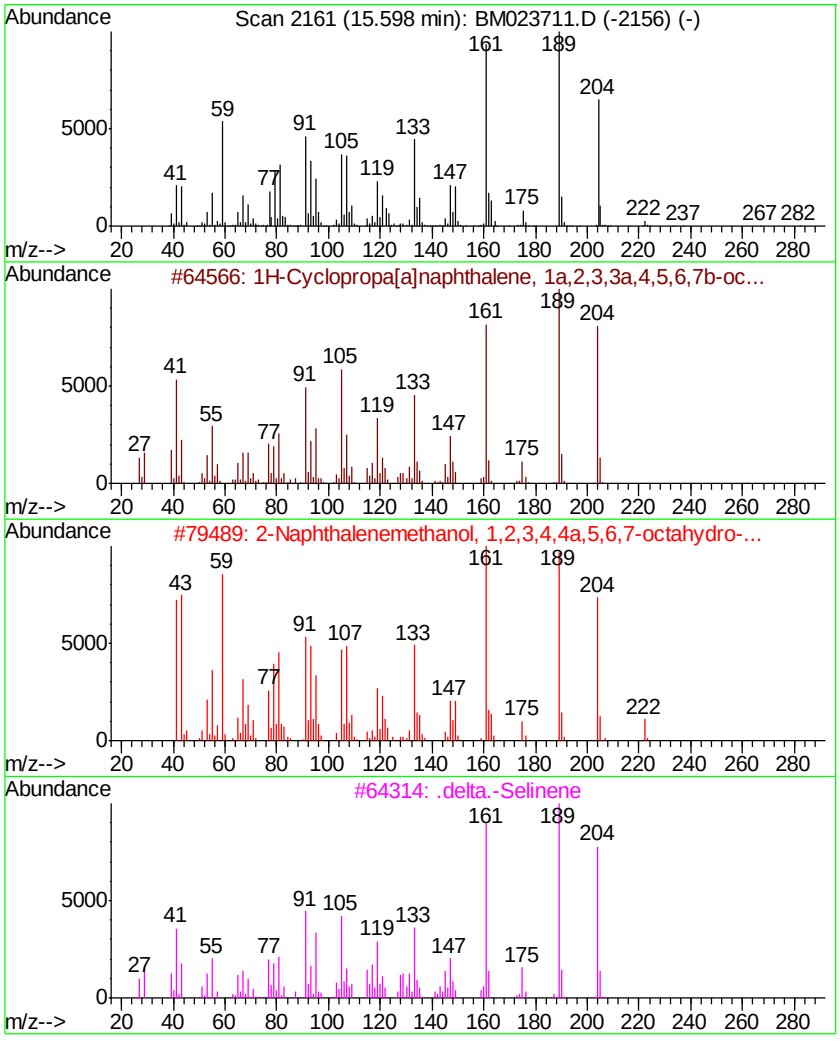
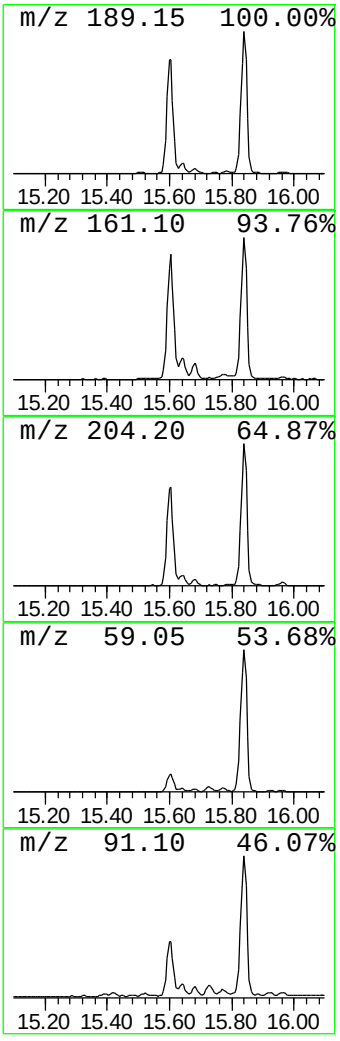
Peak Number 8 1H-Cyclopropa[a]naphthalene... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	18.40 ng/ul	6402480	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	91
2	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	91
3	.delta.-Selinene	204	C15H24	028624-23-9	89
4	Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	89
5	4,7-Methanoazulene, 1,2,3,4,5,6,...	204	C15H24	000514-51-2	86





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Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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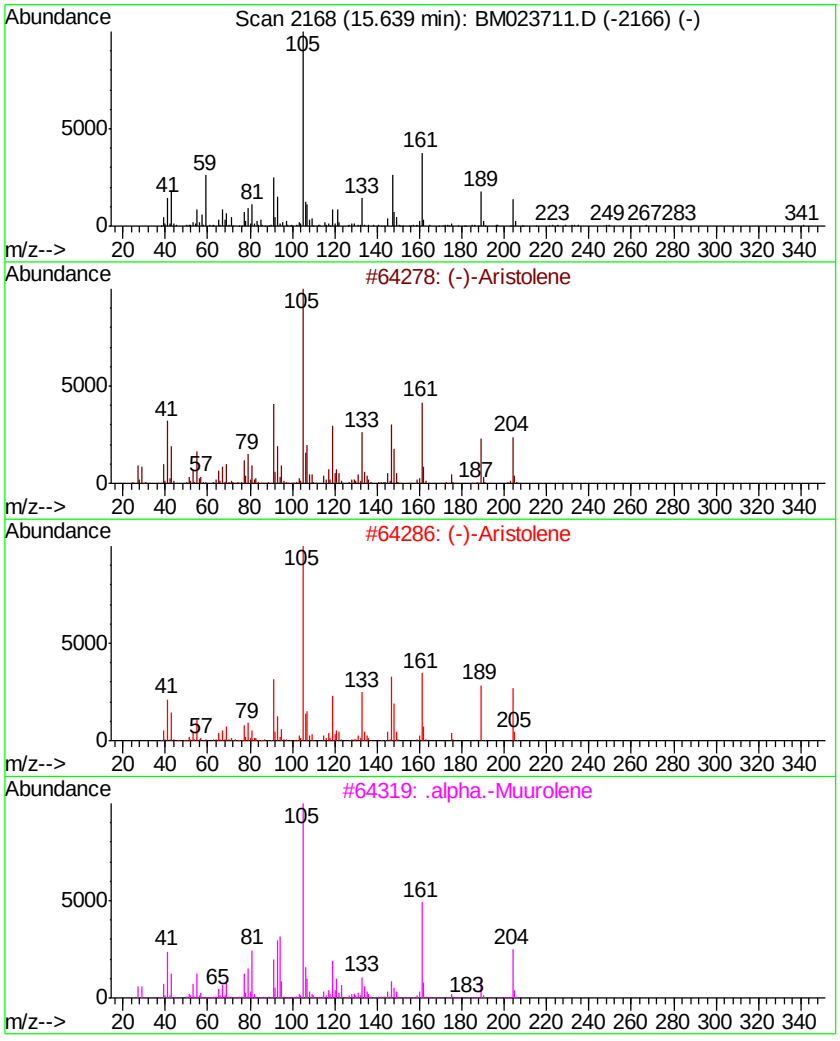
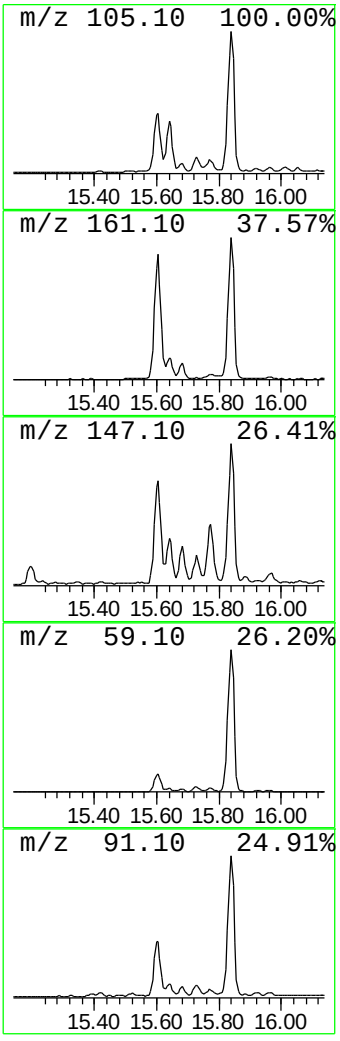
Peak Number 9 (-)-Aristolene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.92 ng/ul	1015660	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Aristolene	204	C15H24	006831-16-9	53
2	(-)-Aristolene	204	C15H24	006831-16-9	50
3	.alpha.-Muurolene	204	C15H24	010208-80-7	50
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	38
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	38





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Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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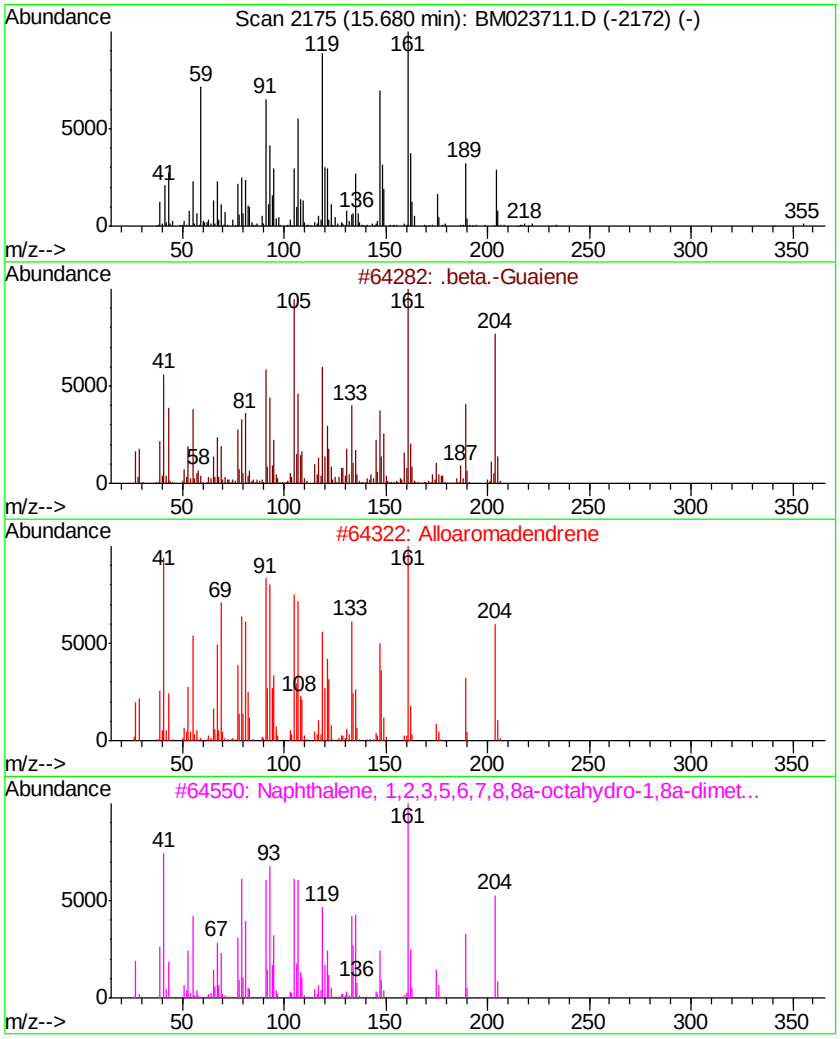
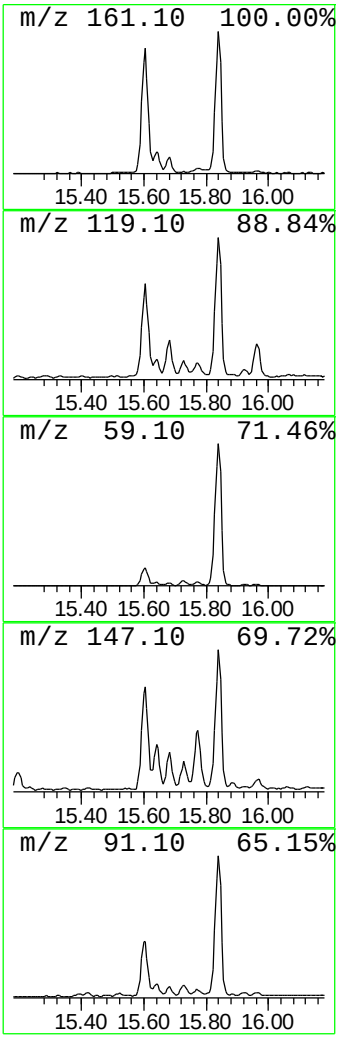
Peak Number 10 .beta.-Guaiene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.19 ng/ul	761058	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Guaiene	204	C15H24	000088-84-6	70
2	Alloaromadendrene	204	C15H24	025246-27-9	64
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	58
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	58
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	52





Library Search Compound Report

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Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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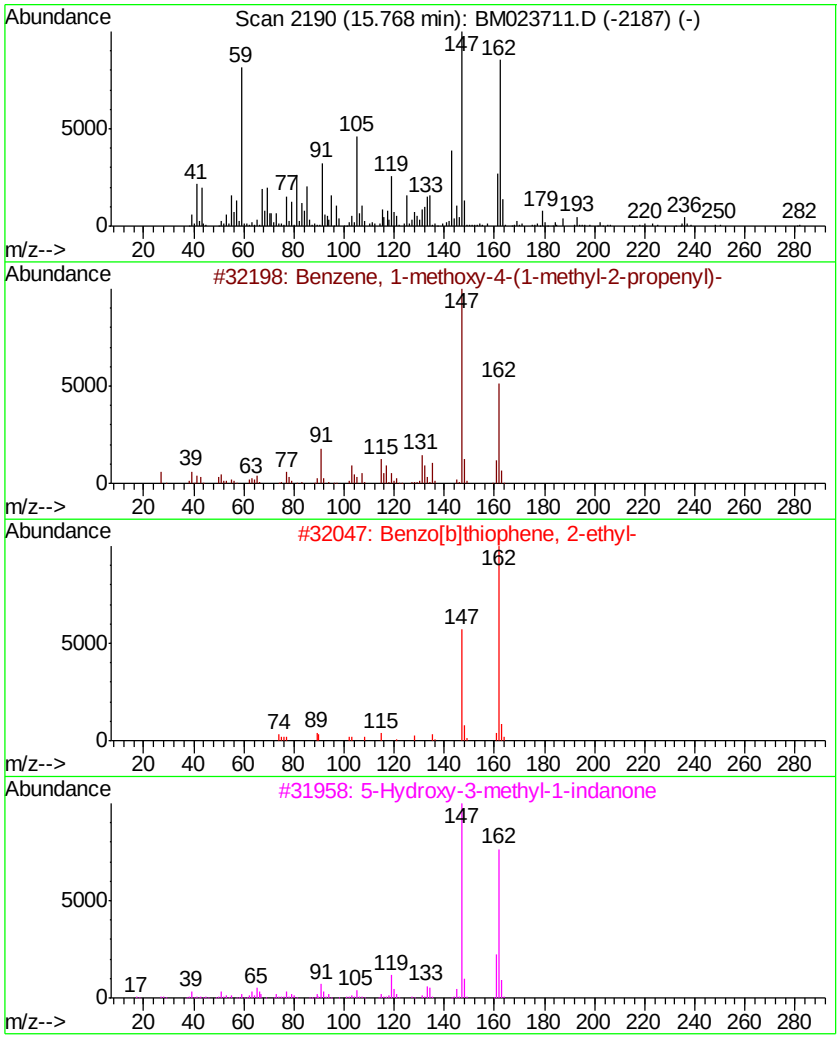
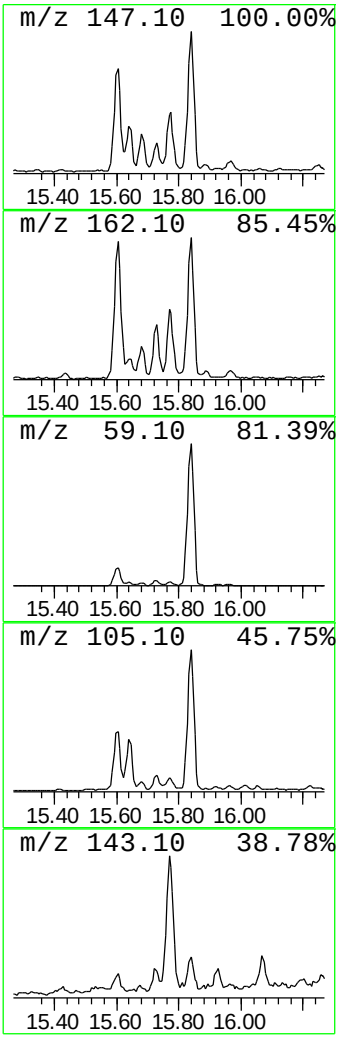
Peak Number 12 Benzene, 1-methoxy-4-(1-met... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.97 ng/ul	1033500	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(1-methyl-2...	162	C11H14O	018272-83-8	53
2	Benzo[b]thiophene, 2-ethyl-	162	C10H10S	001196-81-2	53
3	5-Hydroxy-3-methyl-1-indanone	162	C10H10O2	057878-30-5	52
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	49
5	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	49





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Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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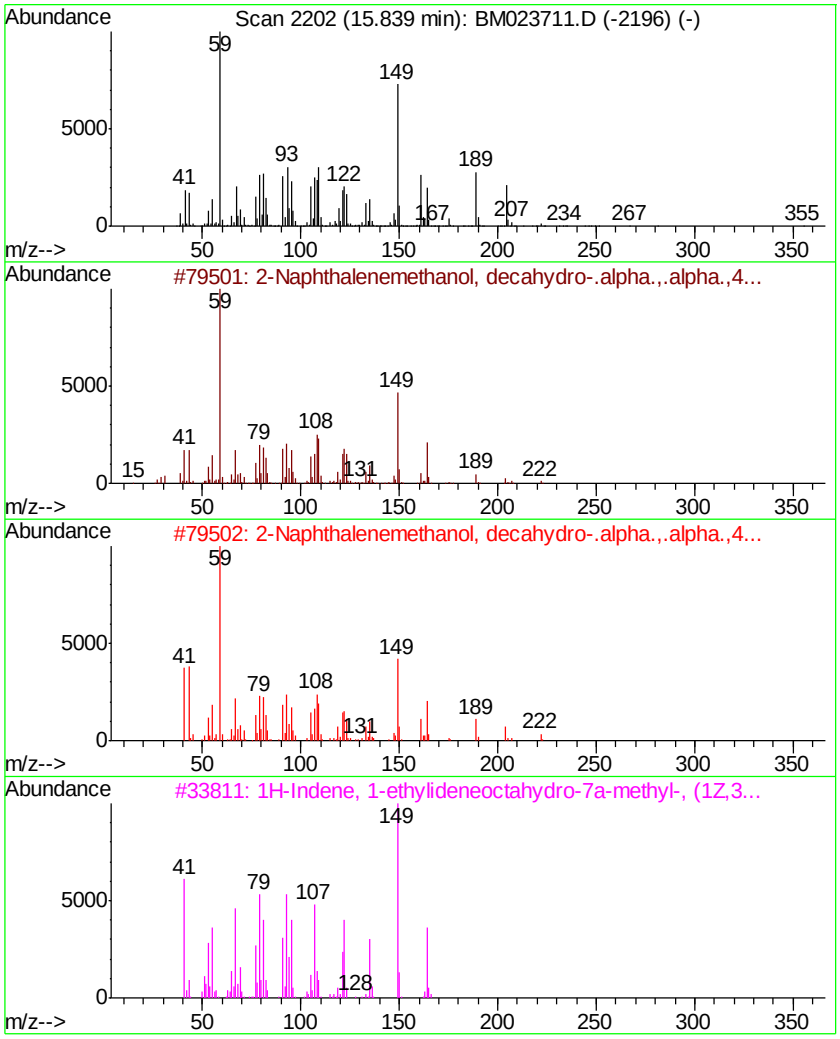
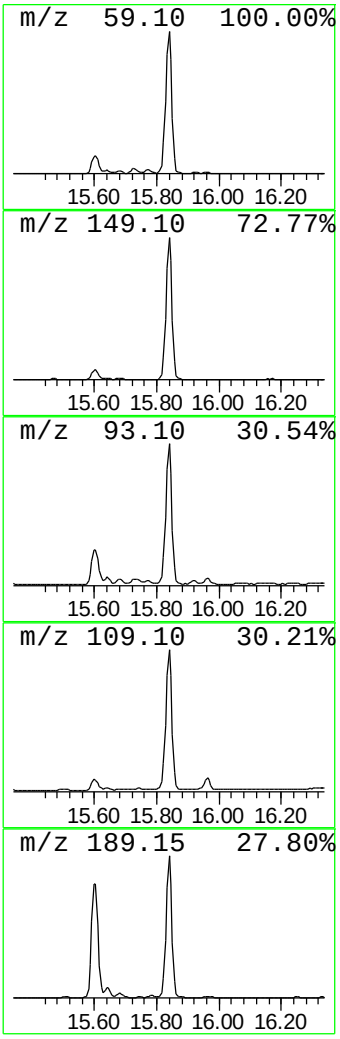
Peak Number 13 2-Naphthalenemethanol, deca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	59.87 ng/ul	20833200	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	96
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	83
3	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-69-7	55
4	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	53
5	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	45





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Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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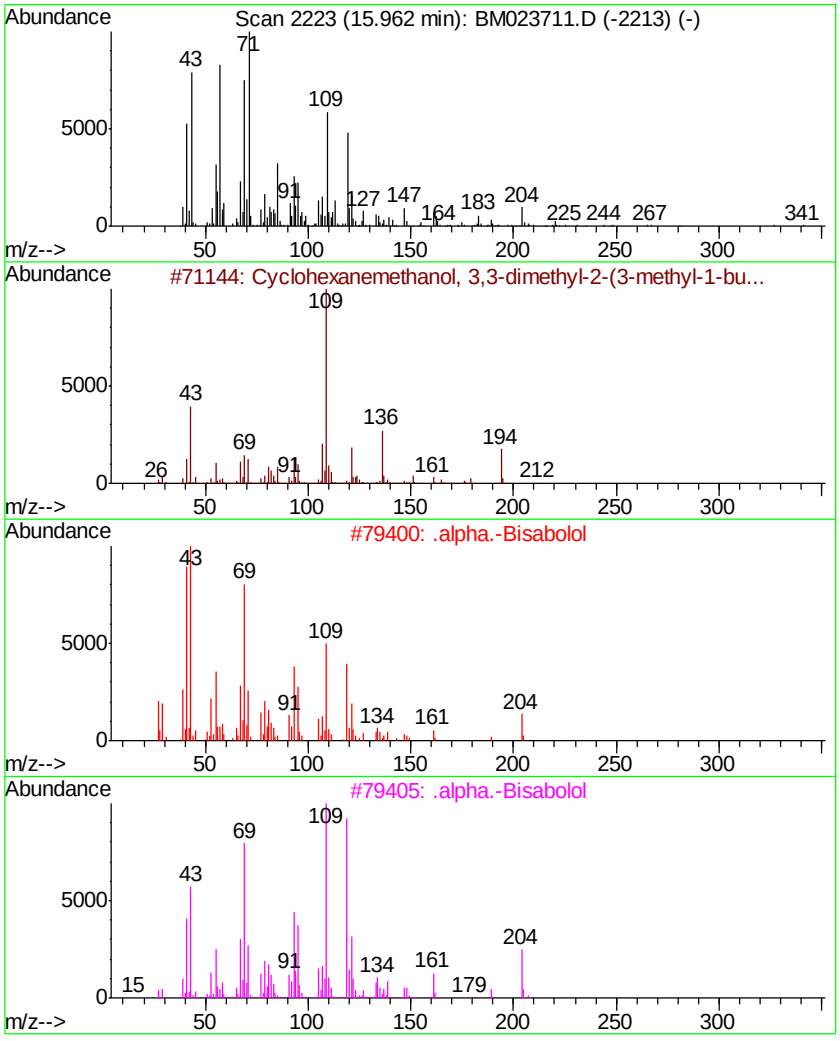
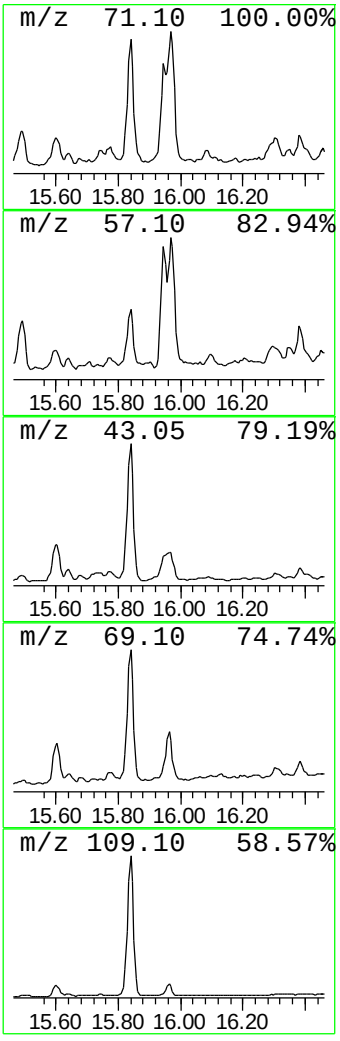
Peak Number 14 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	5.96 ng/ul	2073930	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 3,3-dimethy...	212	C13H24O2	072541-28-7	47
2	.alpha.-Bisabolol	222	C15H26O	000515-69-5	43
3	.alpha.-Bisabolol	222	C15H26O	000515-69-5	30
4	2-Methylpropionic acid, 4-cyanop...	189	C11H11NO2	1000308-01-8	30
5	cis-.beta.-Farnesene	204	C15H24	028973-97-9	25





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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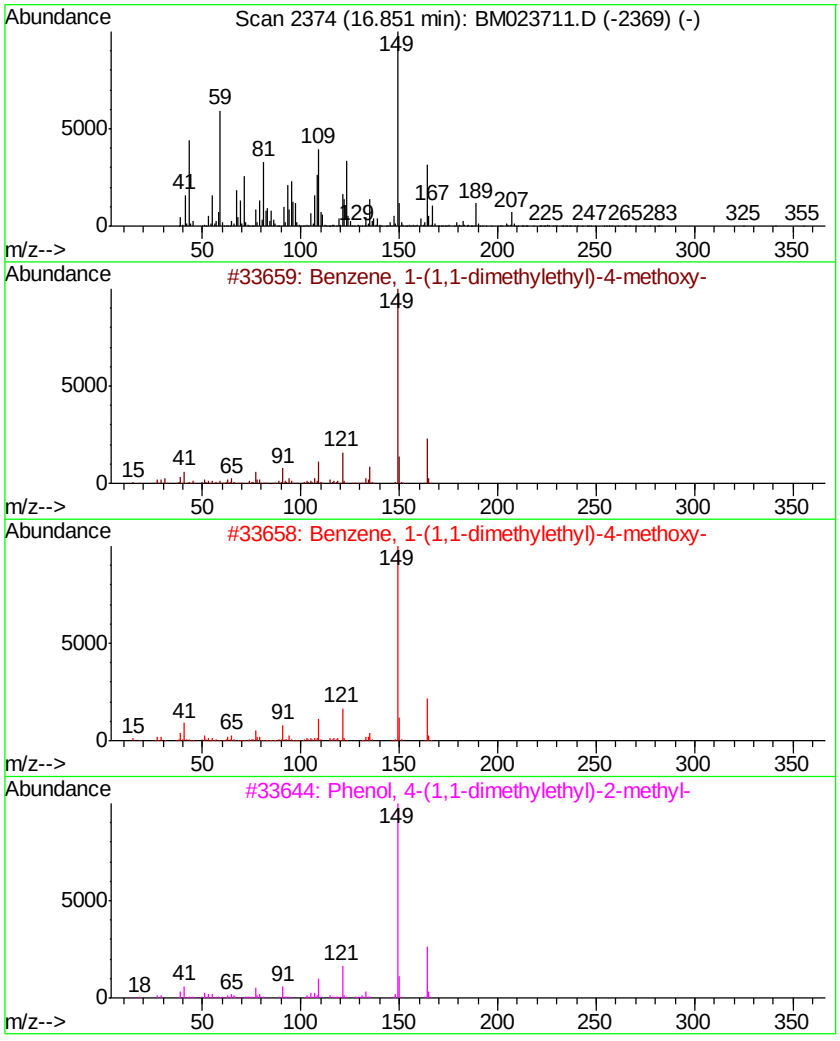
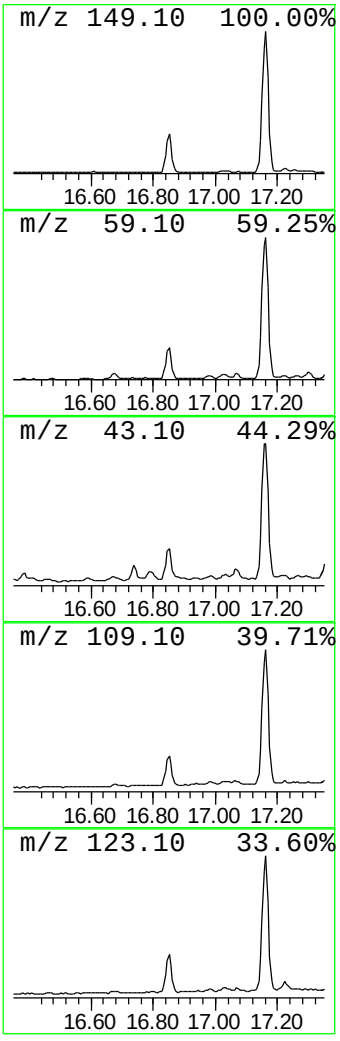
Peak Number 15 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	7.58 ng/ul	2636270	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	46
2	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	43
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
4	Phthalic acid, 2-fluorobenzyl he...	372	C22H25FO4	1000371-06-8	38
5	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	35





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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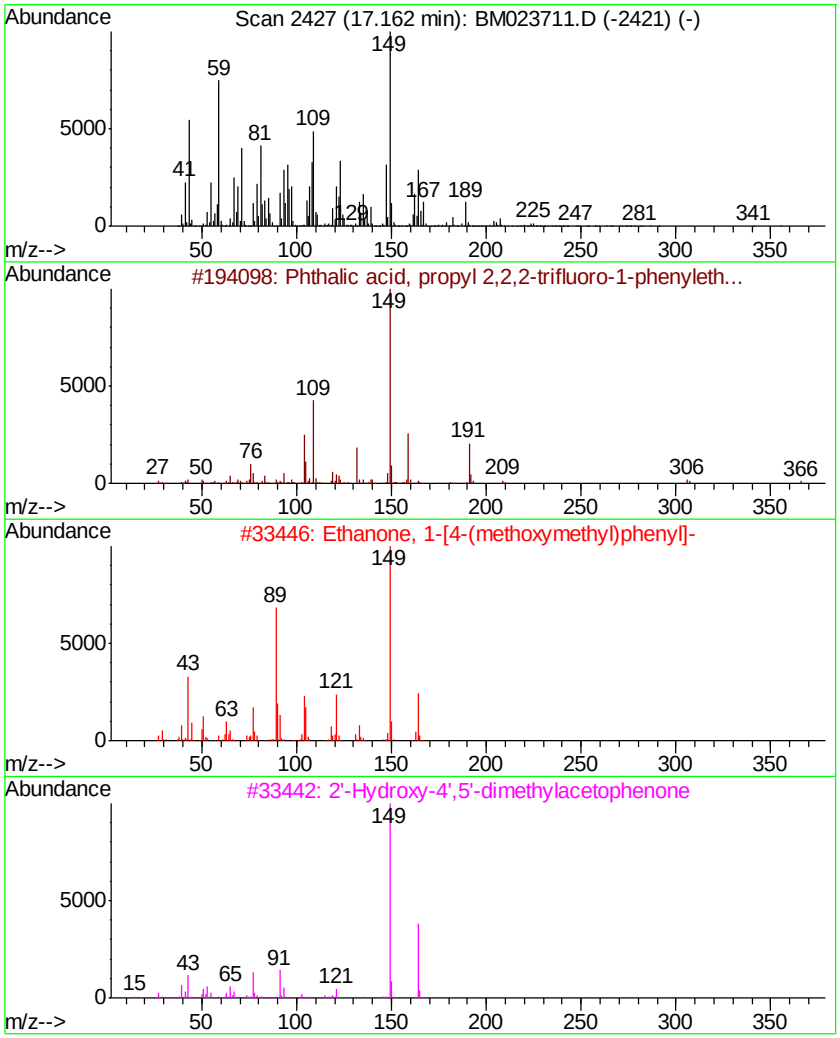
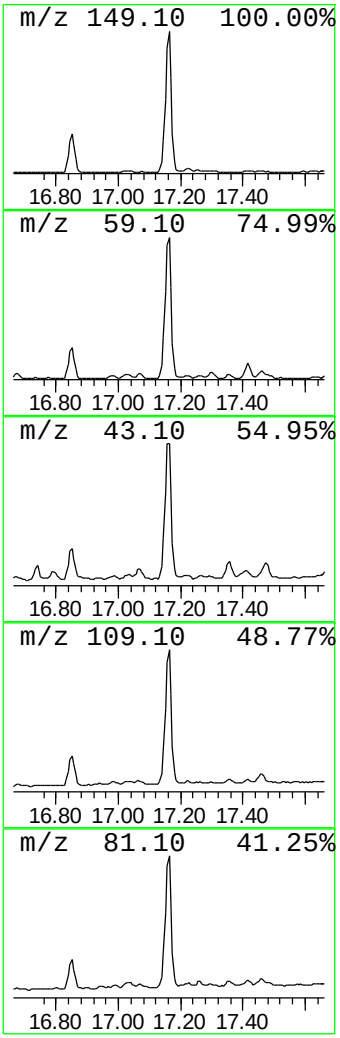
Peak Number 16 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	37.02 ng/ul	12884100	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, propyl 2,2,2-trif...	366	C19H17F3O4	1000377-70-0	22
2	Ethanone, 1-[4-(methoxymethyl)ph...	164	C10H12O2	022072-50-0	18
3	2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	18
4	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	14
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	14





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ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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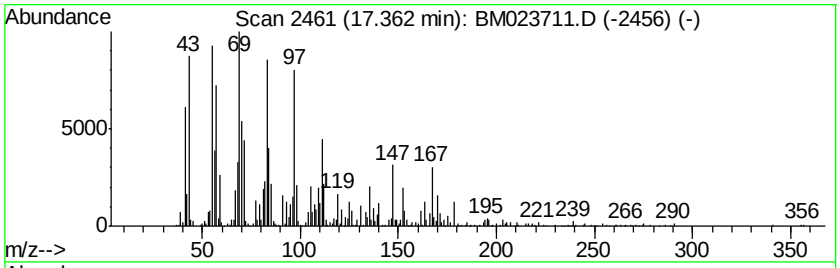
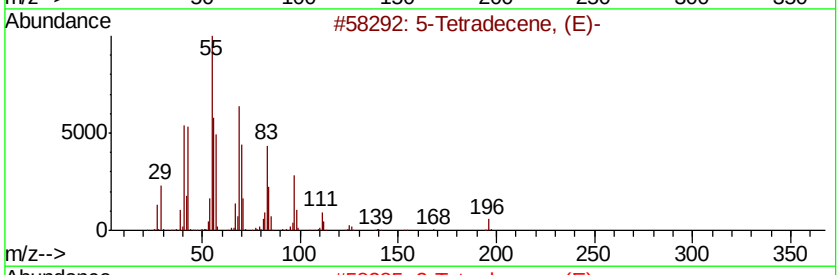
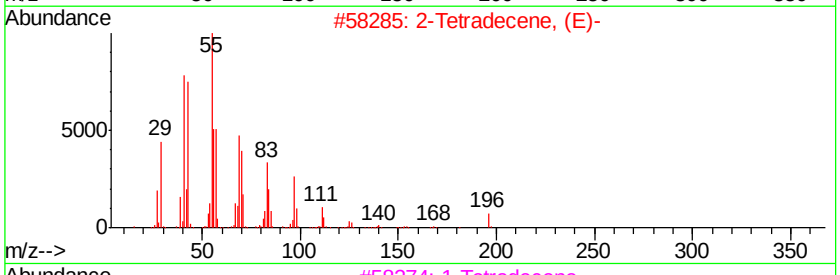
Peak Number 17 (DEL) Alkane: Cyclic17.36 Concentration Rank 45

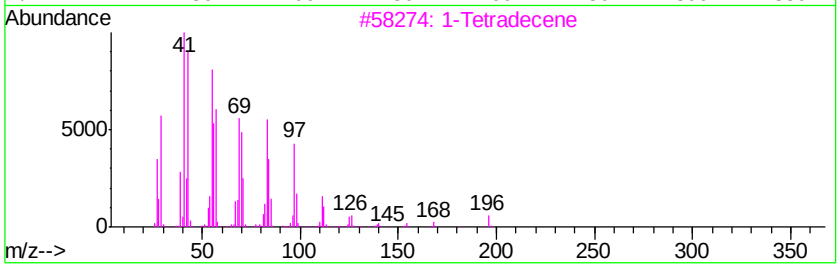
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.27 ng/ul	1137240	Phenanthrene-d10	16.94

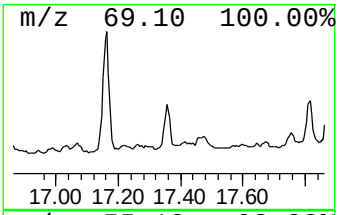
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (E)-	196	C14H28	041446-66-6	94
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	91
3	1-Tetradecene	196	C14H28	001120-36-1	90
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	87
5	3-Octadecene, (E)-	252	C18H36	007206-19-1	87

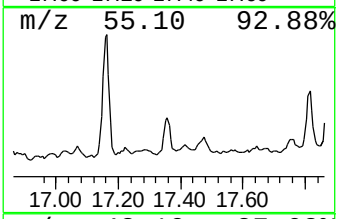


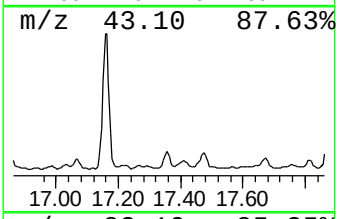


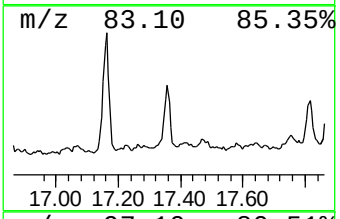


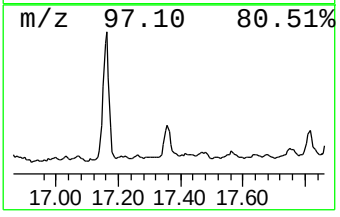












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Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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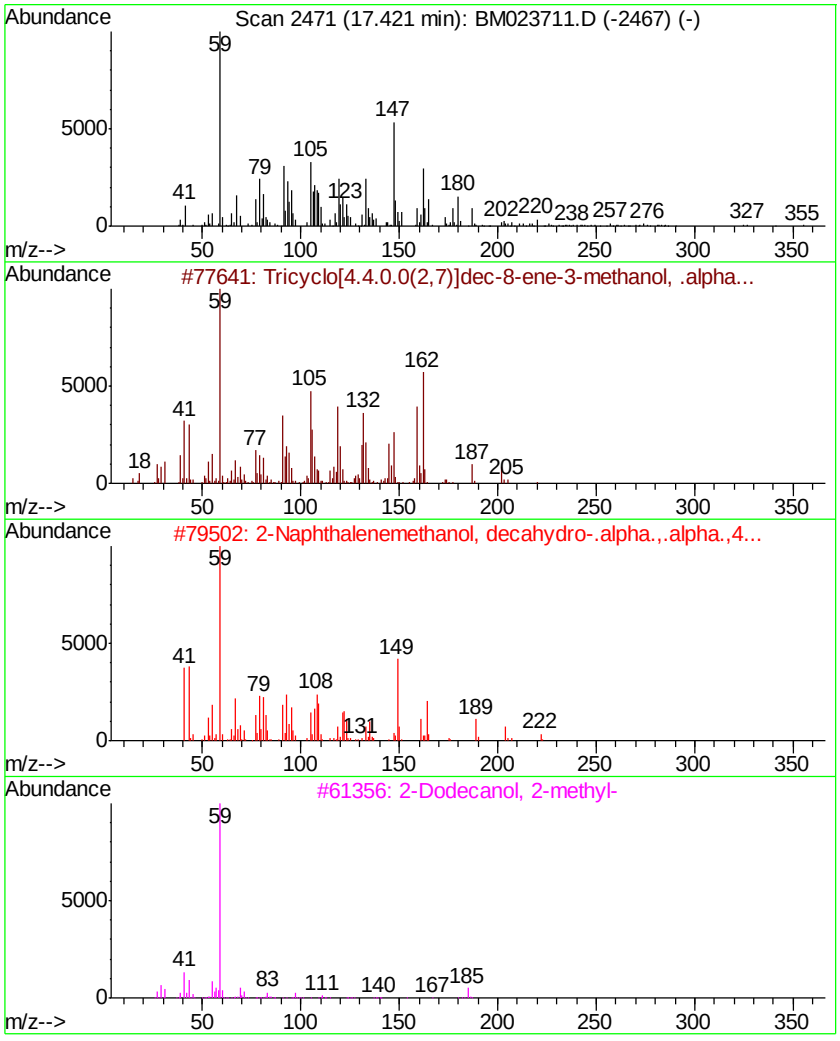
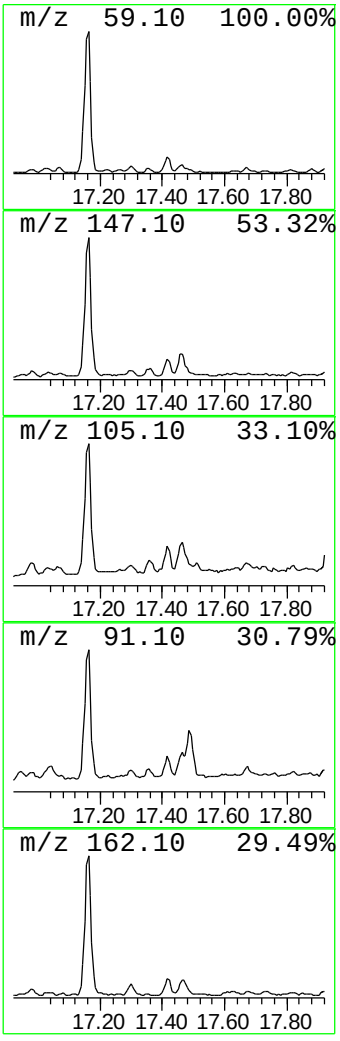
Peak Number 18 unknown-04 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	2.42 ng/ul	841249	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	37
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	35
3	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	14
4	2-Methyl-5-chloropentanol-2	136	C6H13ClO	007712-59-6	14
5	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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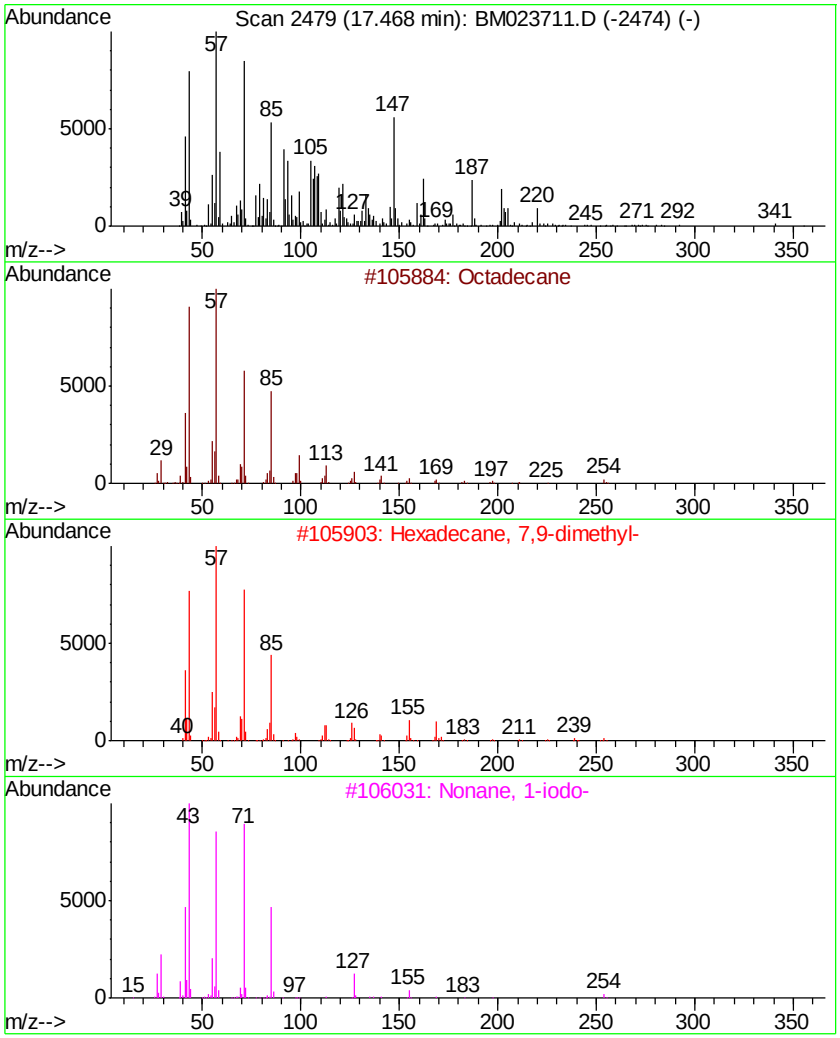
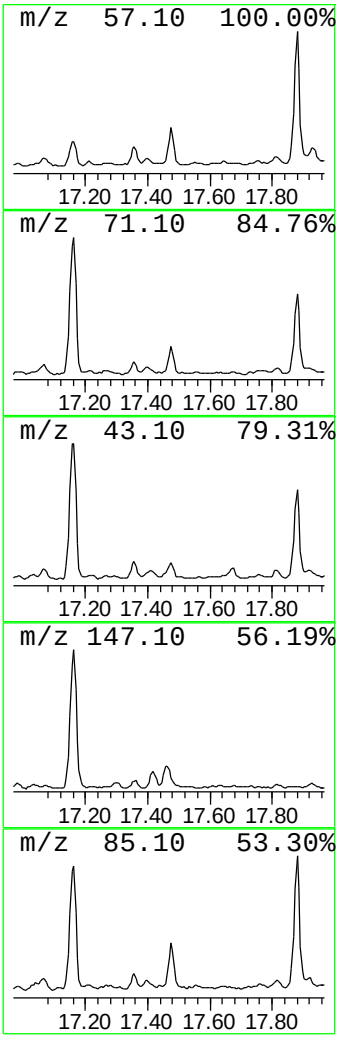
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	4.83 ng/ul	1681920	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	40
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	35
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	30
4	Octacosane	394	C28H58	000630-02-4	30
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	30





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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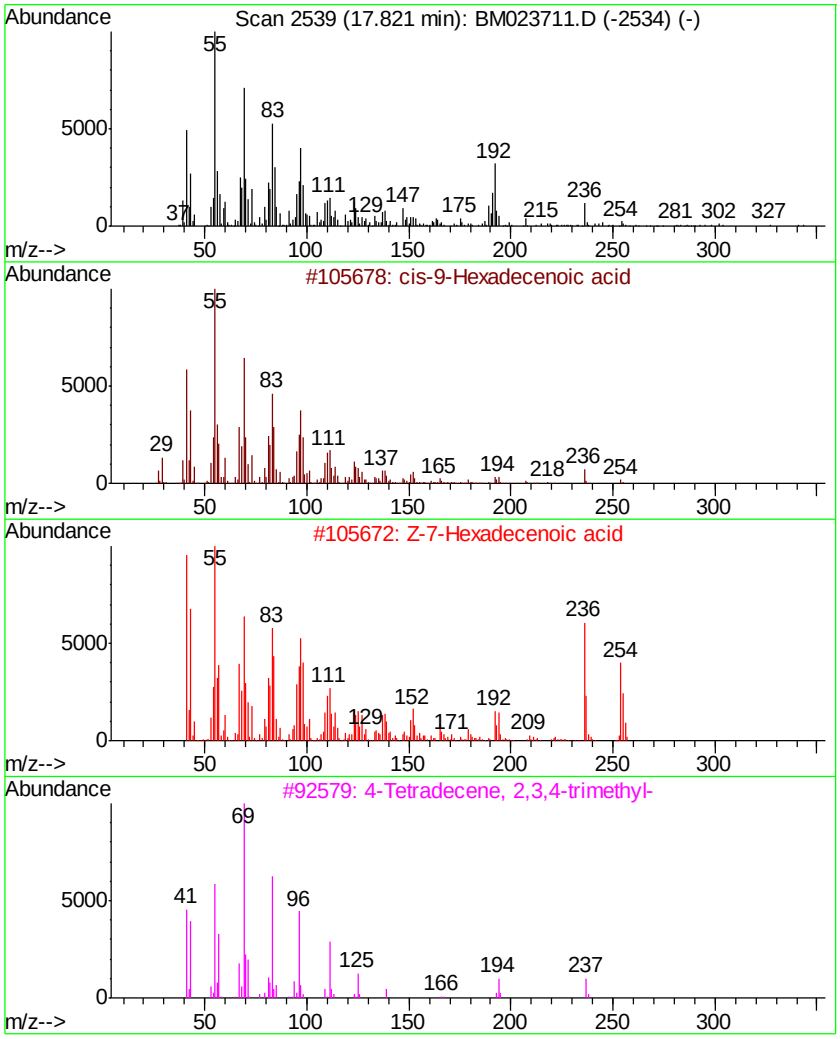
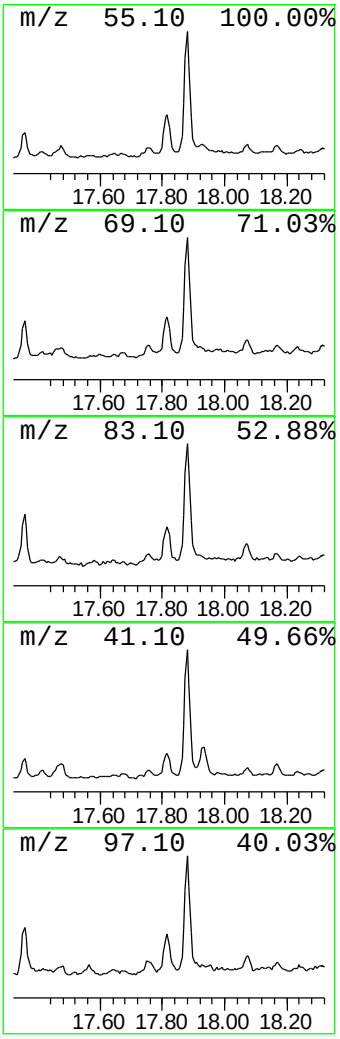
Peak Number 20 cis-9-Hexadecenoic acid Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.29 ng/ul	1145460	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	97
2	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	86
3	4-Tetradecene, 2,3,4-trimethyl-	238	C17H34	055103-81-6	83
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	81
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	76





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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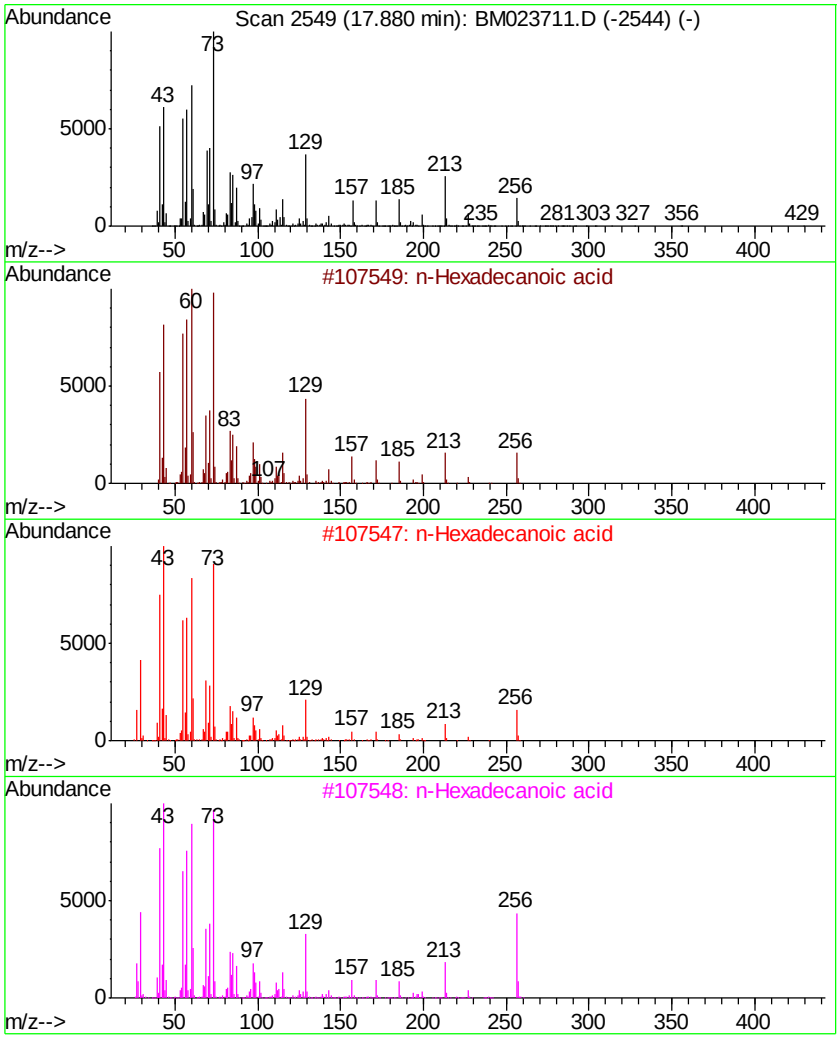
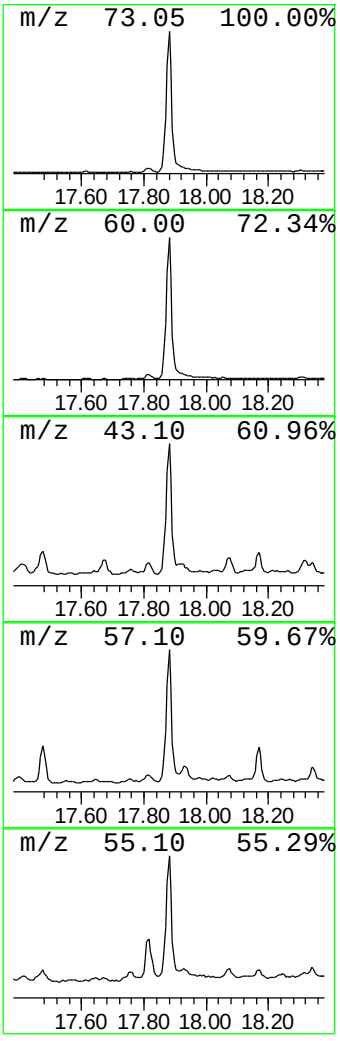
Peak Number 21 n-Hexadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	16.82 ng/ul	5853790	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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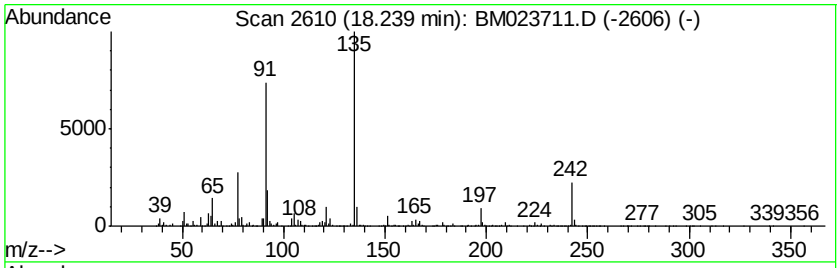
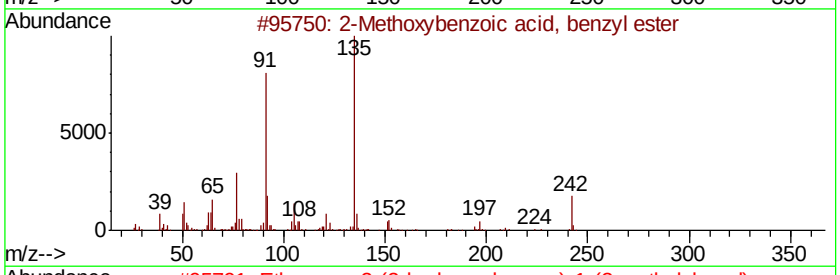
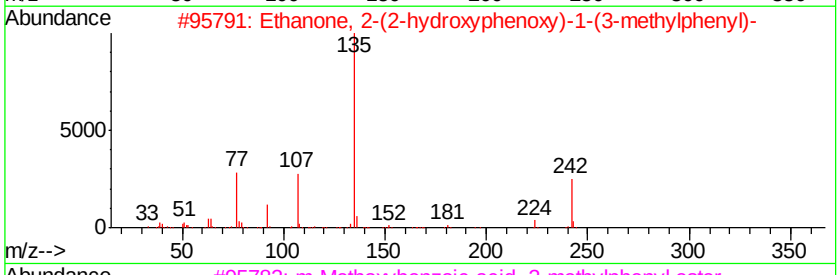
Peak Number 22 2-Methoxybenzoic acid, benz... Concentration Rank 40

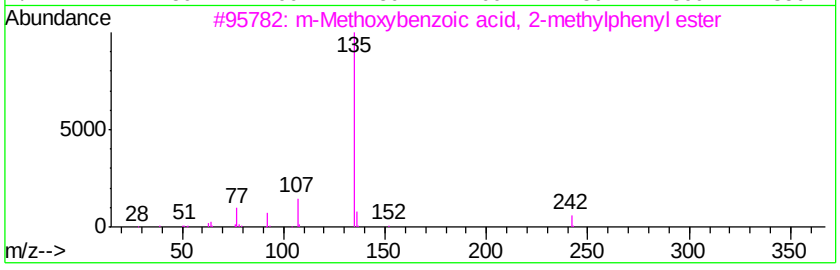
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.38 ng/ul	1524010	Phenanthrene-d10	16.94

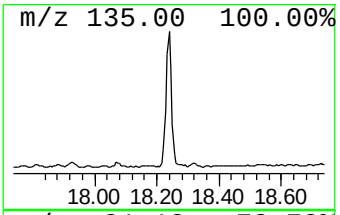
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxybenzoic acid, benzyl ester	242	C15H14O3	075679-47-9	94
2	Ethanone, 2-(2-hydroxyphenoxy)-1...	242	C15H14O3	1000269-83-9	76
3	m-Methoxybenzoic acid, 2-methylp...	242	C15H14O3	1000292-62-8	68
4	4,4'-Dimethoxybenzophenone	242	C15H14O3	000090-96-0	58
5	4,4'-Dimethoxybenzophenone	242	C15H14O3	000090-96-0	53

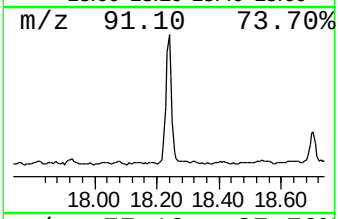


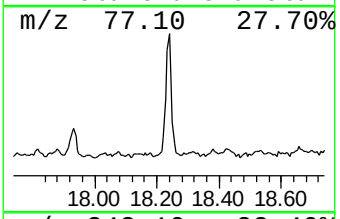


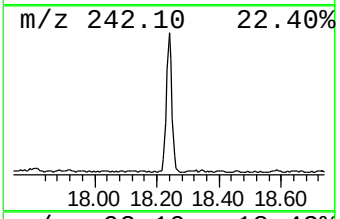


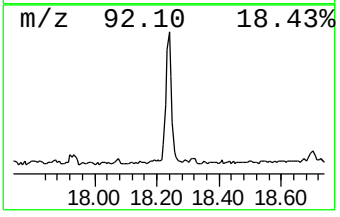












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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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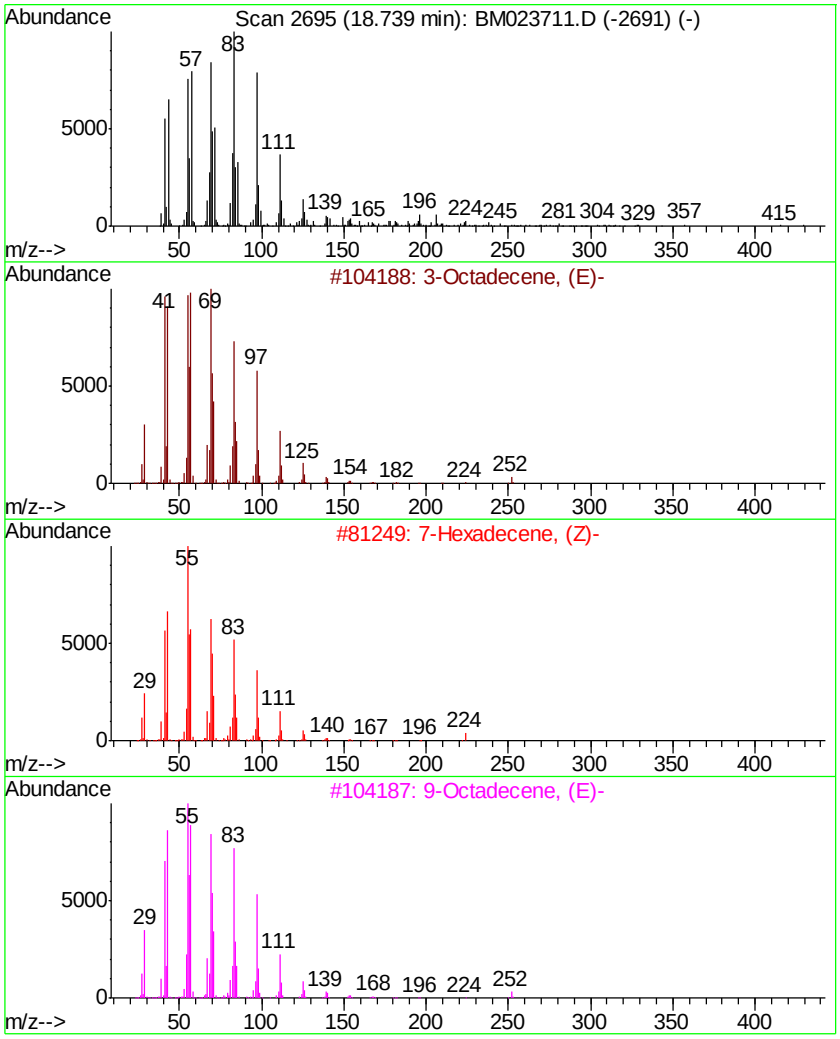
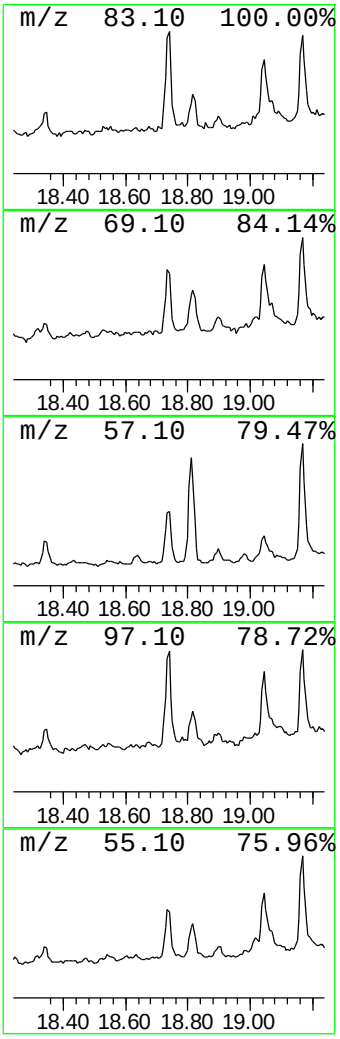
Peak Number 23 (DEL) Alkane: Cyclic18.74 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.98 ng/ul	1035790	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	93
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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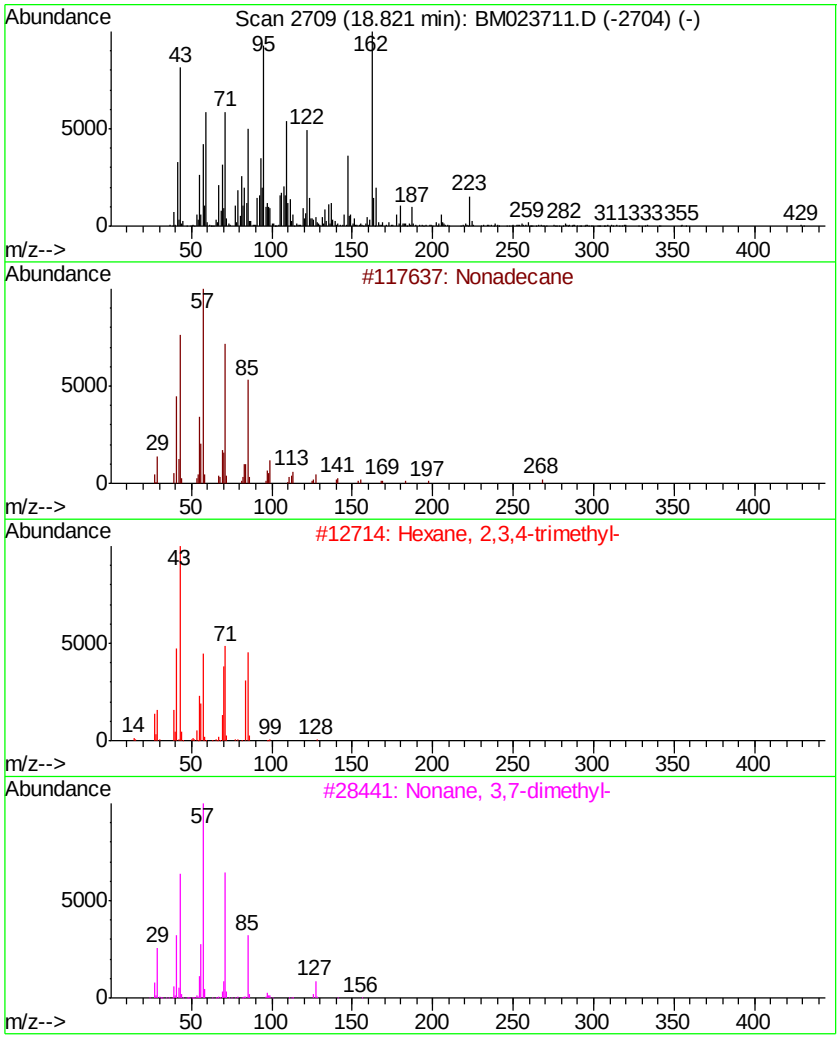
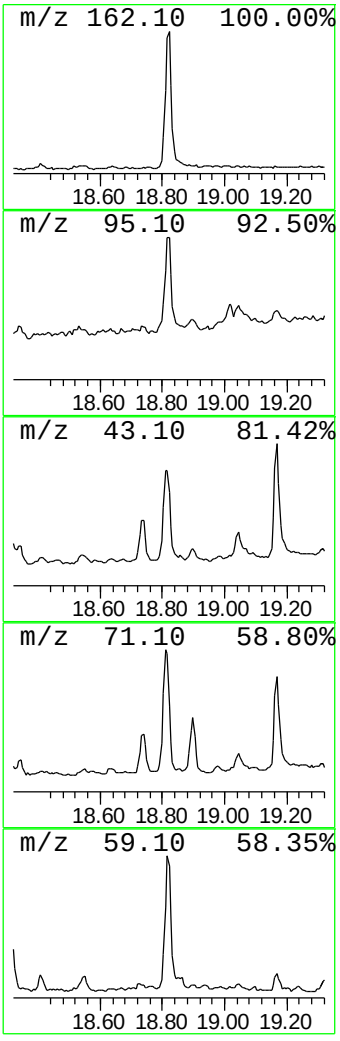
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	7.24 ng/ul	2520970	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	18
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	18
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	18
4	3,4-Dimethylcyclohexanol	128	C8H16O	005715-23-1	14
5	Hexadecane	226	C16H34	000544-76-3	14





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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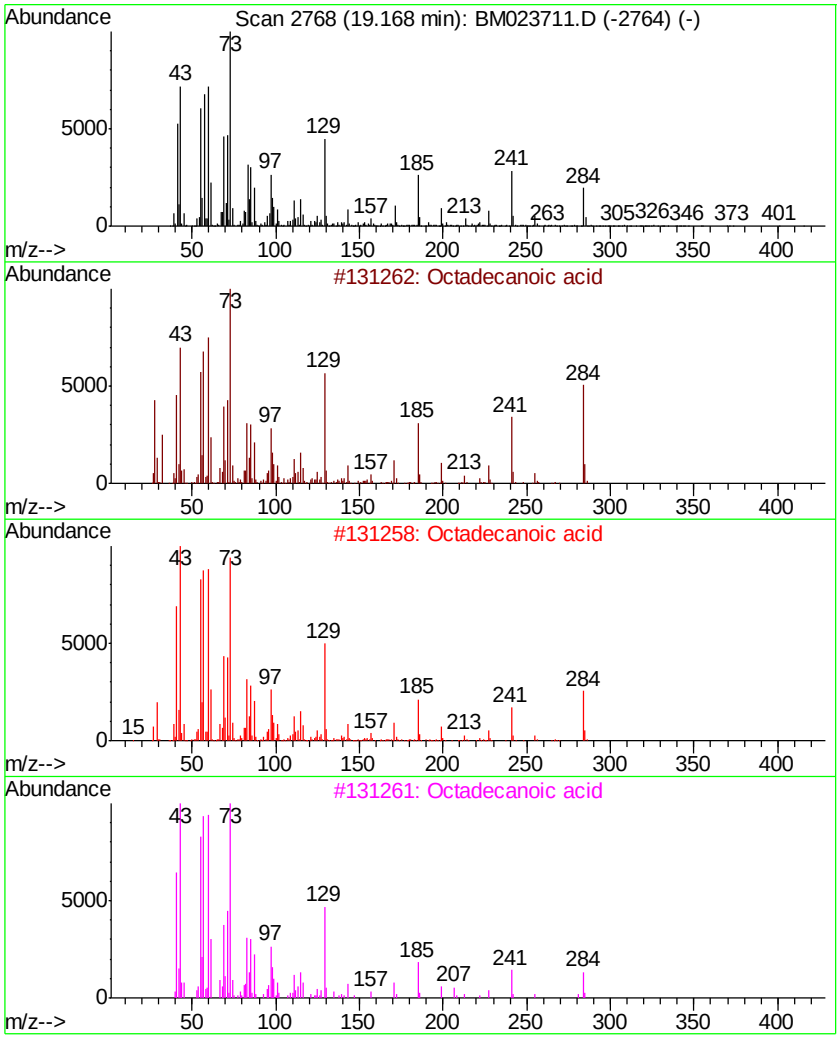
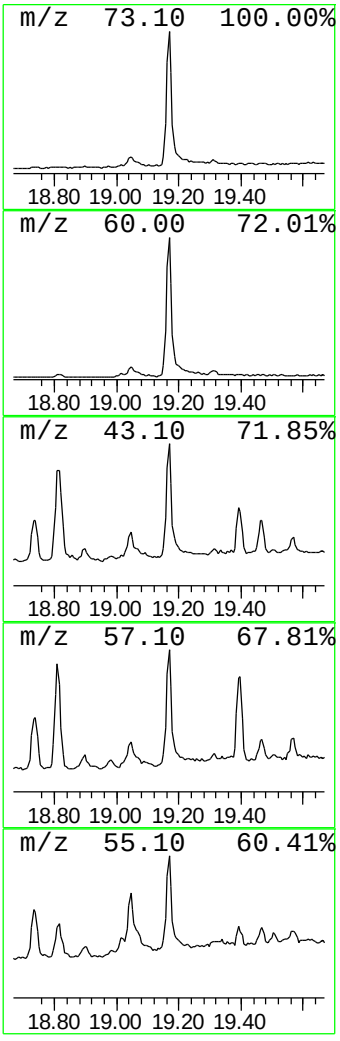
Peak Number 25 Octadecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	12.17 ng/ul	3013380	Chrysene-d12	21.15

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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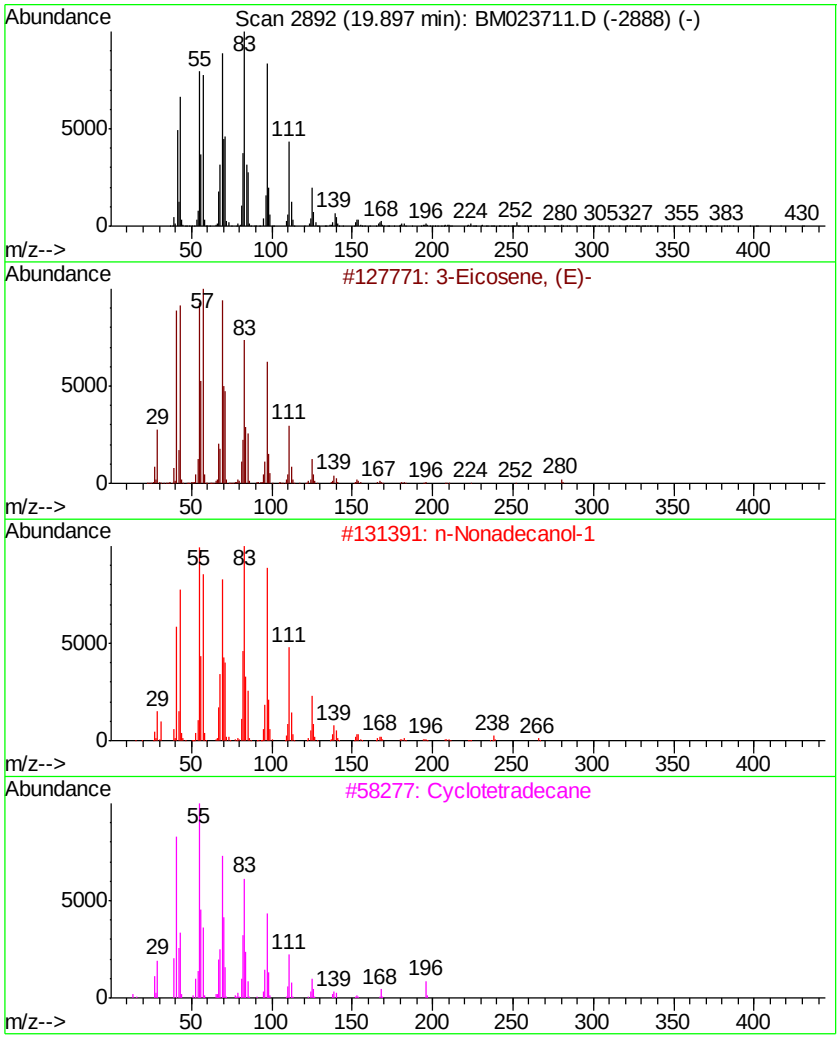
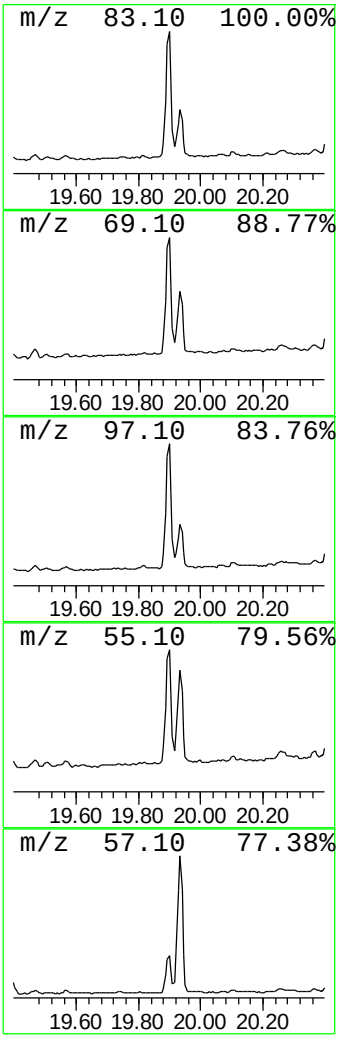
Peak Number 26 (DEL) Alkane: Cyclic19.90 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	19.75 ng/ul	4888860	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Cyclotetradecane	196	C14H28	000295-17-0	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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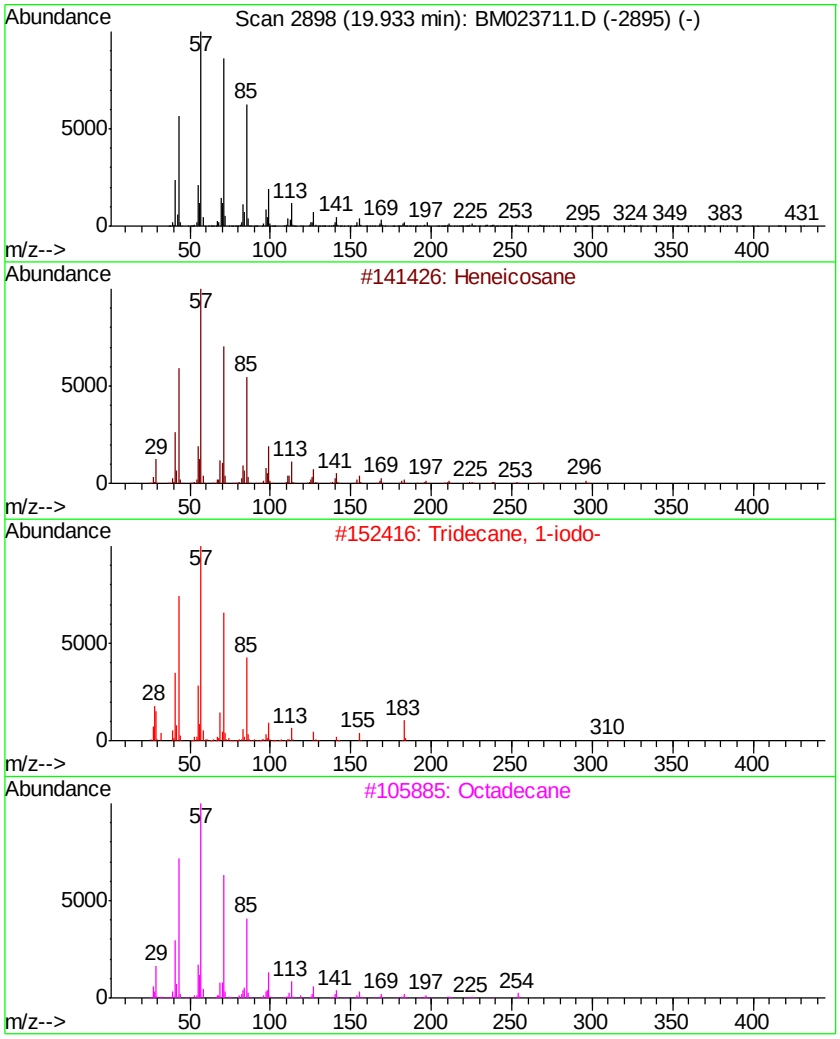
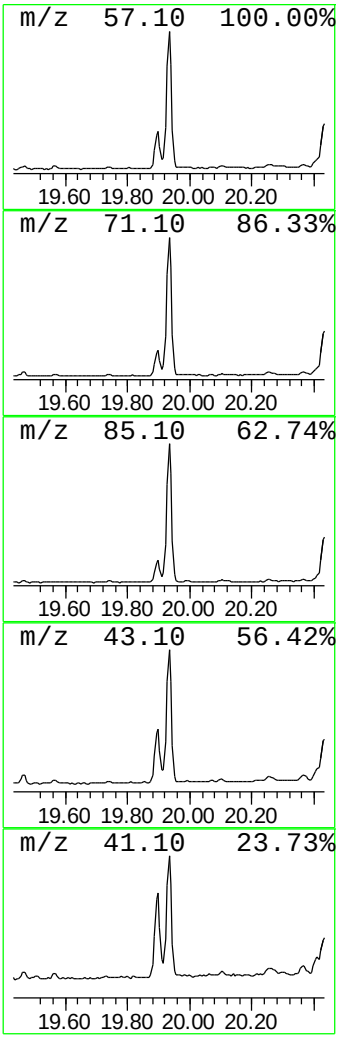
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	28.26 ng/ul	6995920	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Docosane	310	C22H46	000629-97-0	90
5	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	87





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Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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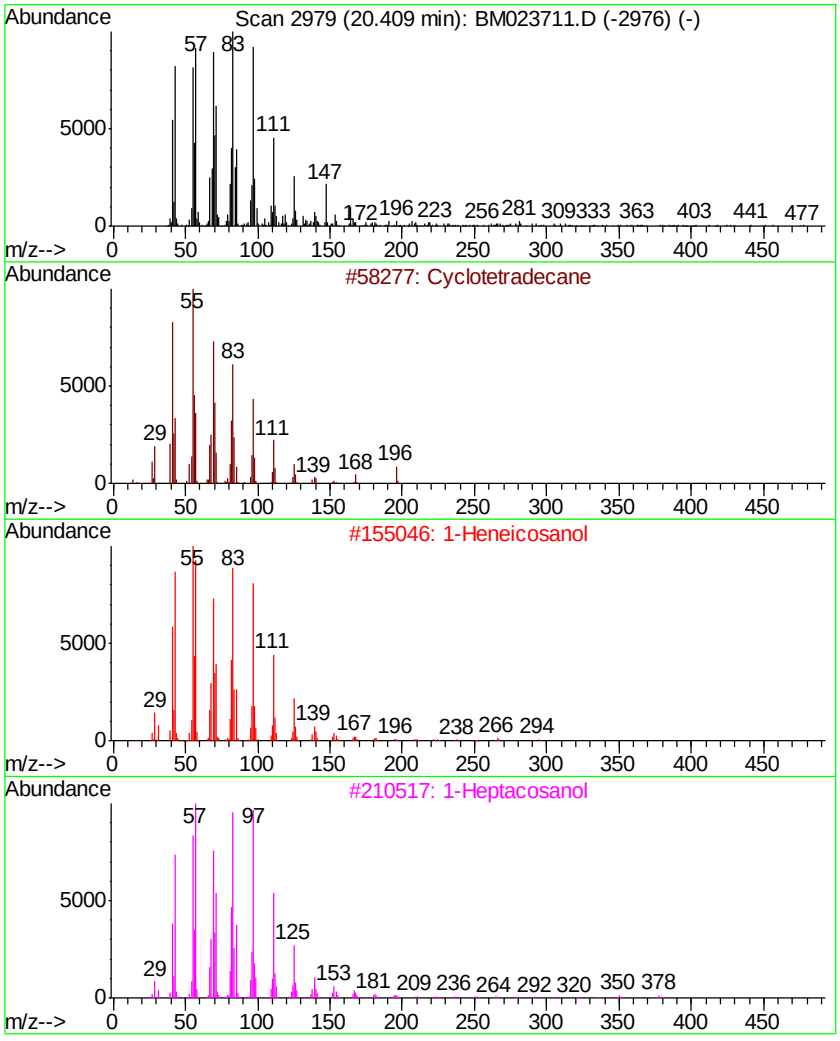
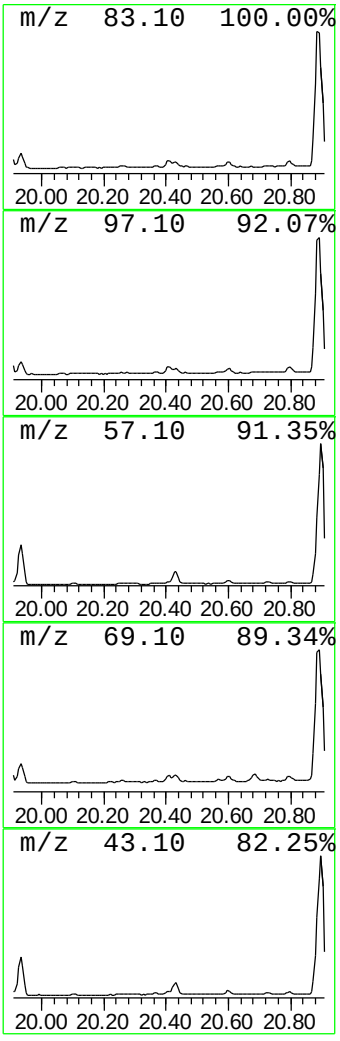
Peak Number 28 (DEL) Alkane: Cyclic20.41 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	3.73 ng/ul	923500	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





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Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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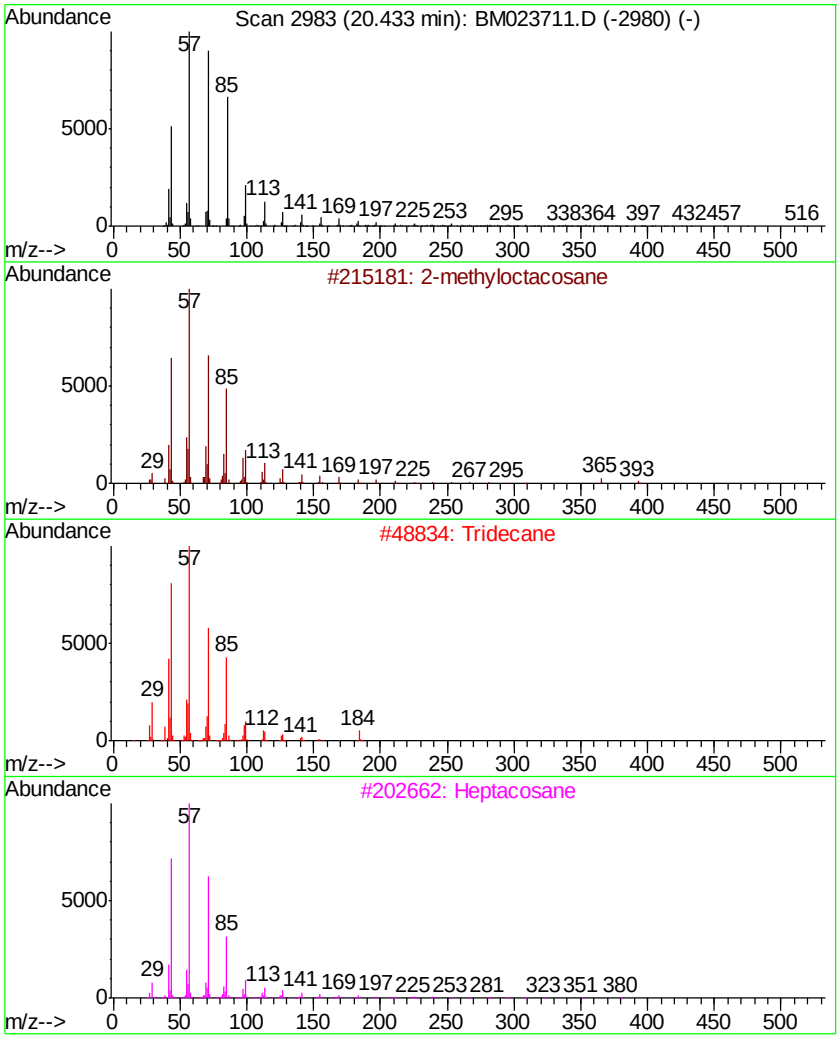
Quant Title : SVOA CALIBRATION

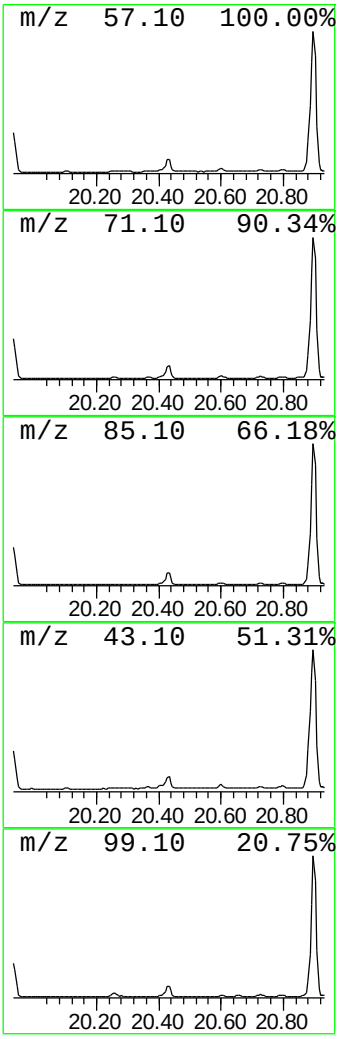
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	8.99 ng/ul	2225620	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	Tridecane	184	C13H28	000629-50-5	78
3	Heptacosane	380	C27H56	000593-49-7	72
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64





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Sample : K5678-15
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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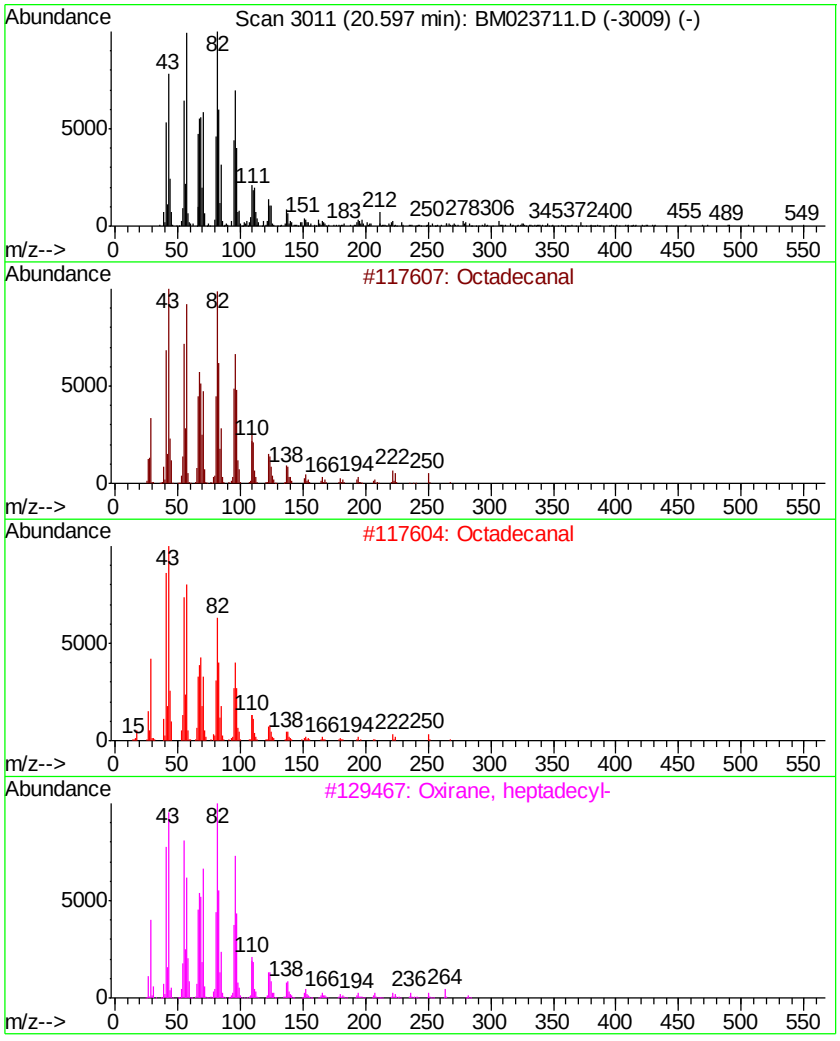
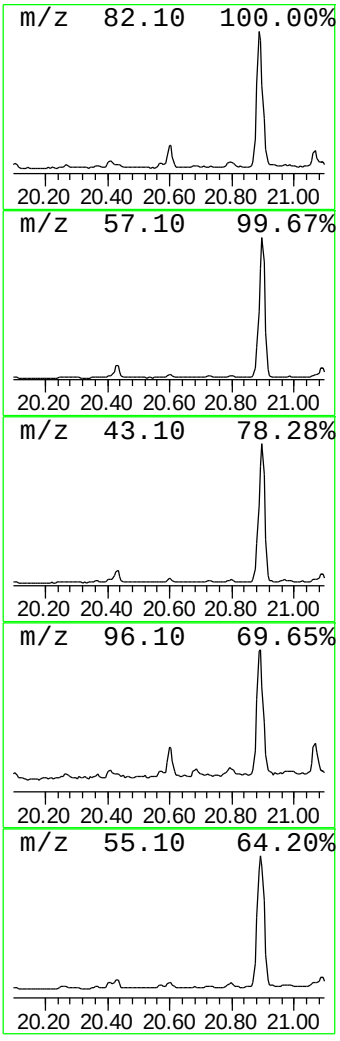
Peak Number 30 Octadecanal Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	3.79 ng/ul	938927	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Octadecanal	268	C18H36O	000638-66-4	95
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
5	Octadecanal	268	C18H36O	000638-66-4	93





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Acq On : 13 Nov 2019 23:43
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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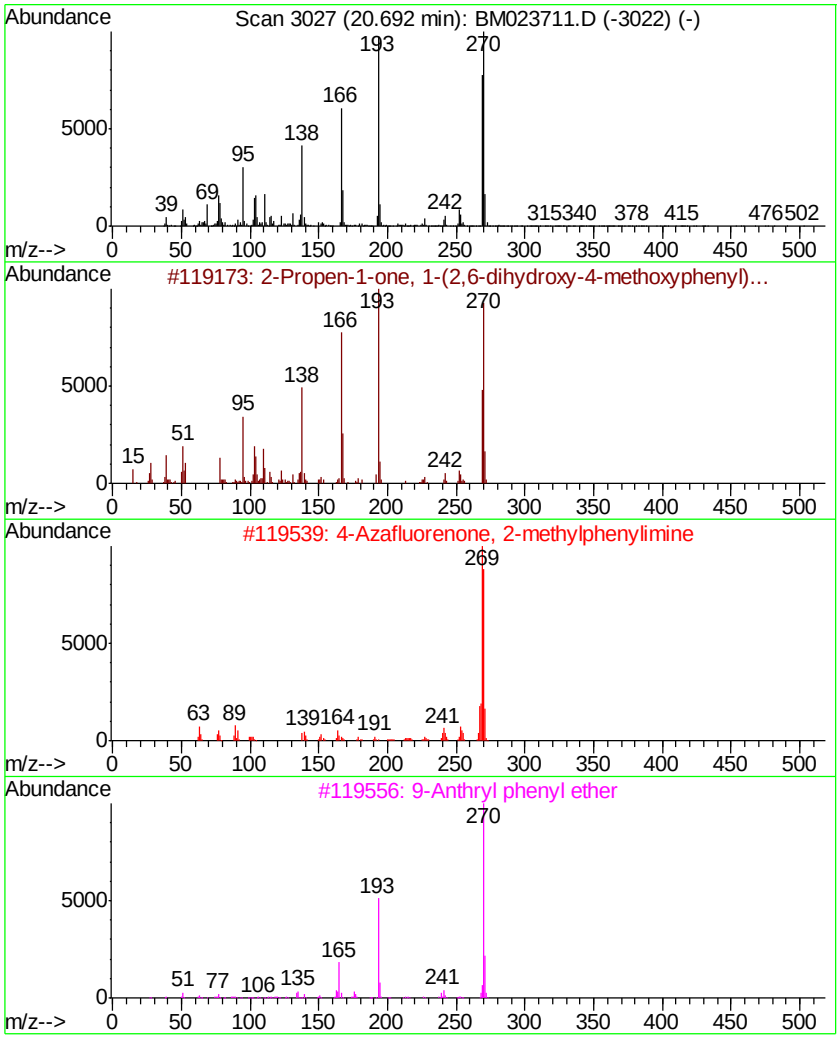
Quant Title : SVOA CALIBRATION

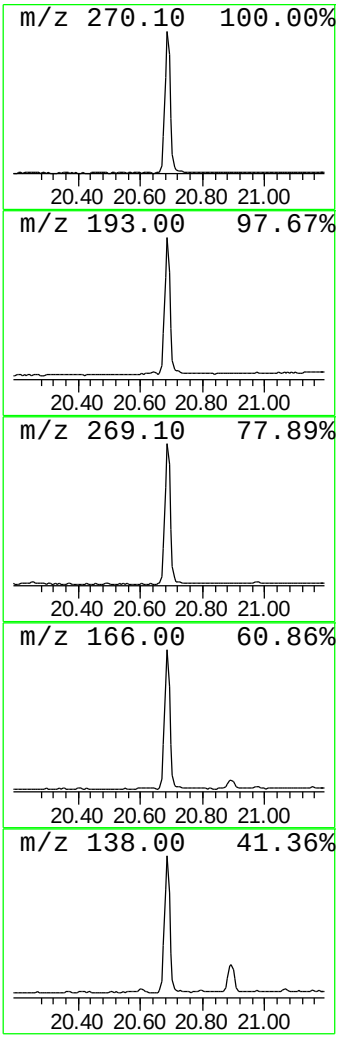
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 2-Propen-1-one, 1-(2,6-dihy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	18.30 ng/ul	4529150	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1-(2,6-dihydroxy...	270	C16H14O4	018956-15-5	93
2	4-Azafluorenone, 2-methylphenyli...	270	C19H14N2	1000216-54-4	30
3	9-Anthryl phenyl ether	270	C20H14O	074067-56-4	22
4	7-Hydroxy-3-(3,4-dihydroxyphenyl...	270	C15H10O5	000485-63-2	18
5	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	14





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Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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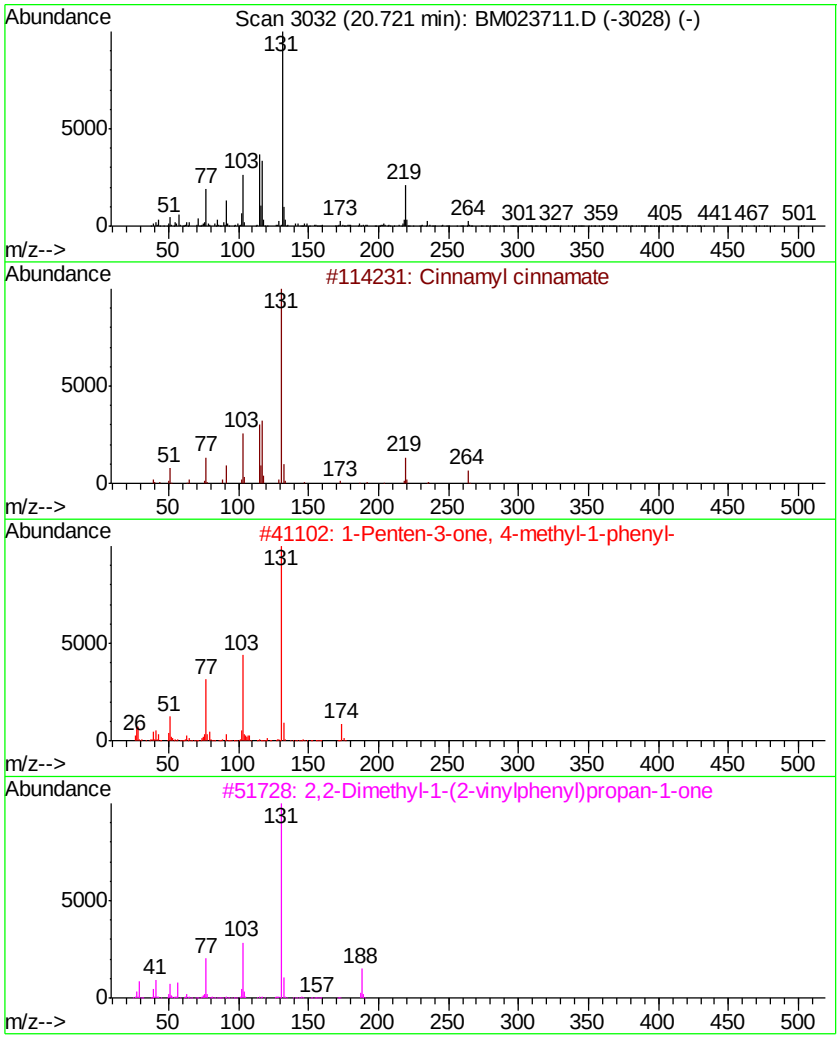
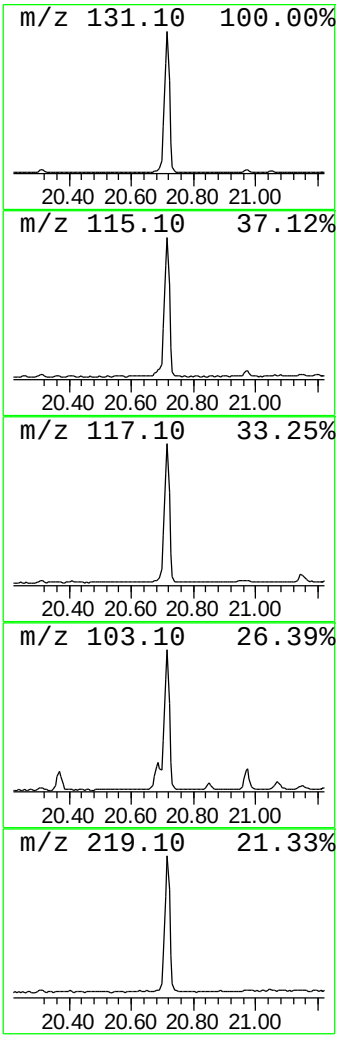
Peak Number 32 Cinnamyl cinnamate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	23.51 ng/ul	5817980	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	50
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	50
4	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
5	3-Butenoic acid, 2-oxo-4-phenyl-...	190	C11H10O3	1000142-22-4	47





Library Search Compound Report

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Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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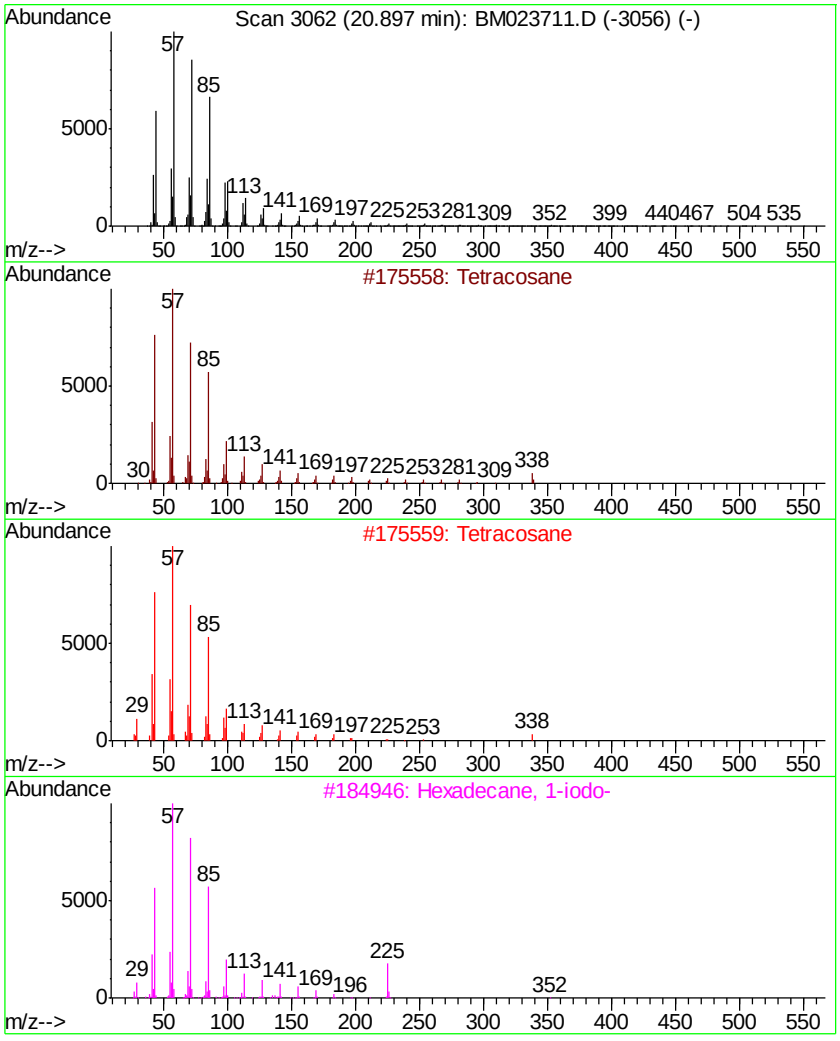
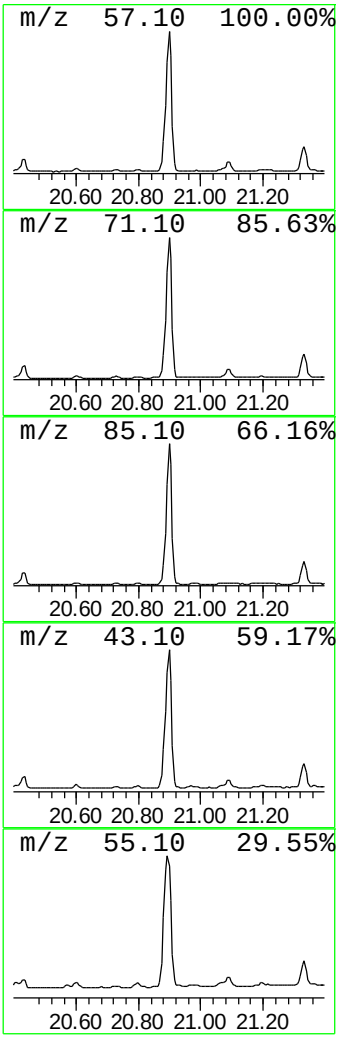
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	166.91 ng/ul	41313300	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
4	Nonadecane	268	C19H40	000629-92-5	95
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94





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Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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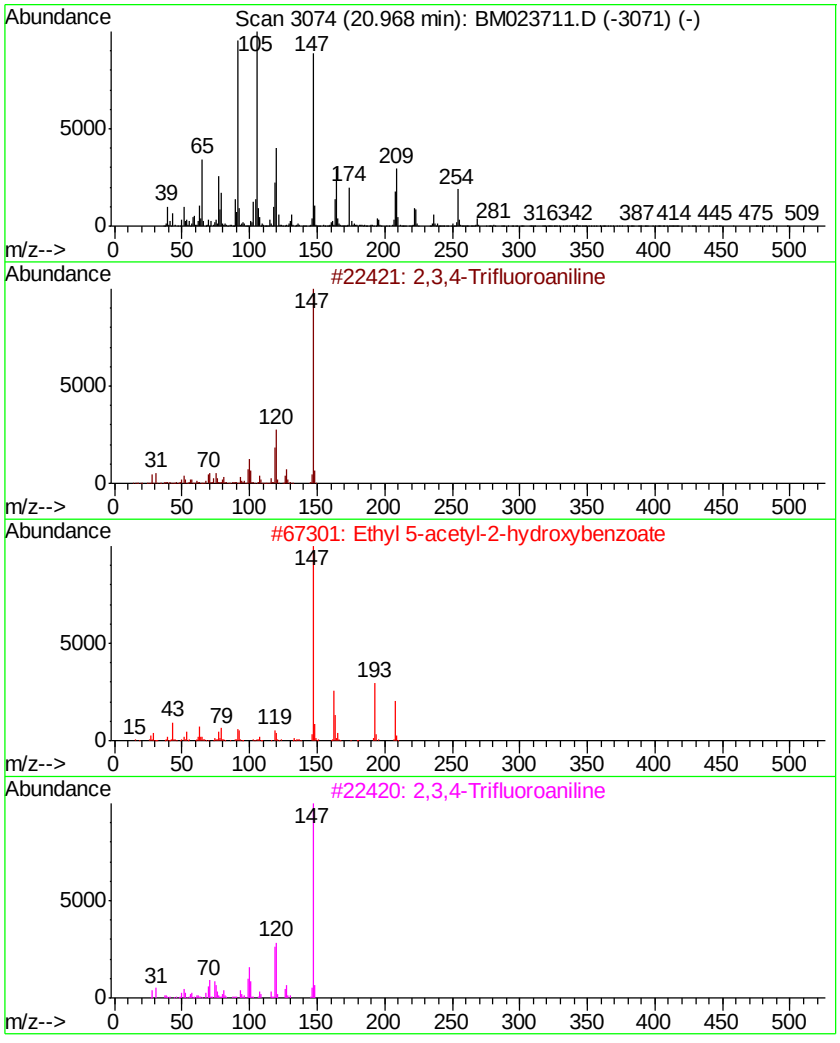
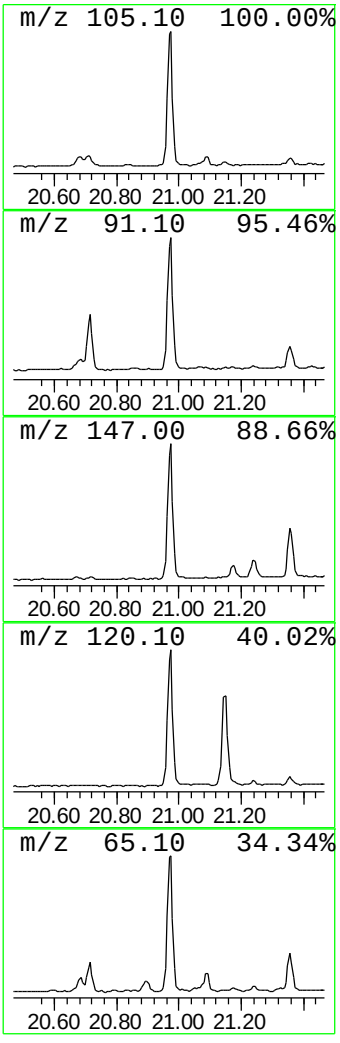
Peak Number 34 unknown-05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	21.37 ng/ul	5289830	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trifluoroaniline	147	C6H4F3N	003862-73-5	43
2	Ethyl 5-acetyl-2-hydroxybenzoate	208	C11H12O4	1000373-31-2	38
3	2,3,4-Trifluoroaniline	147	C6H4F3N	003862-73-5	35
4	Benzoic acid, 4-acetyl-, phenylm...	254	C16H14O3	119838-69-6	35
5	2H-Benzotriazole, 2-ethyl-	147	C8H9N3	016584-04-6	30





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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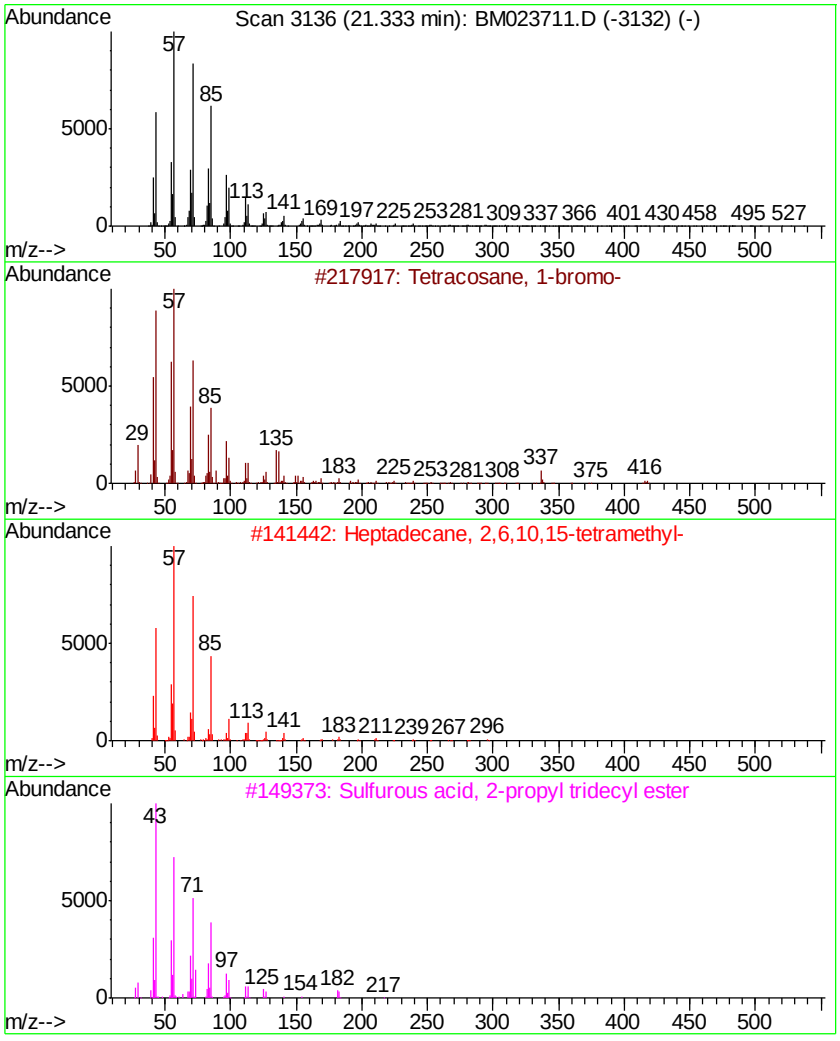
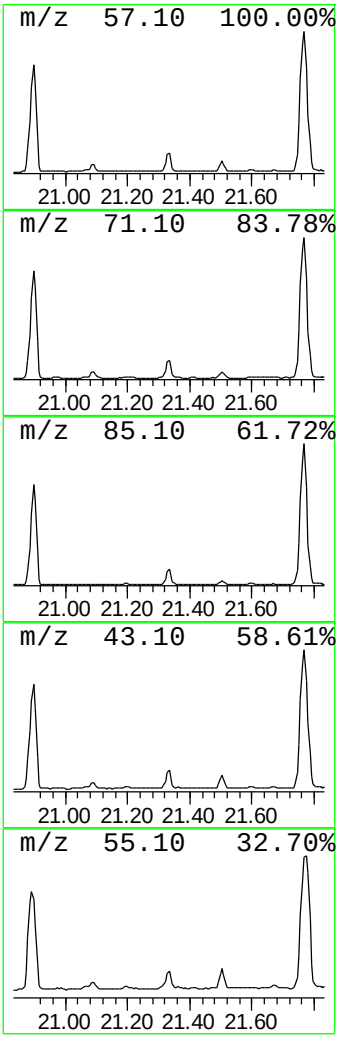
Peak Number 35 Tetracosane, 1-bromo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	21.54 ng/ul	5331190	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
5	Hexacosane	366	C26H54	000630-01-3	87





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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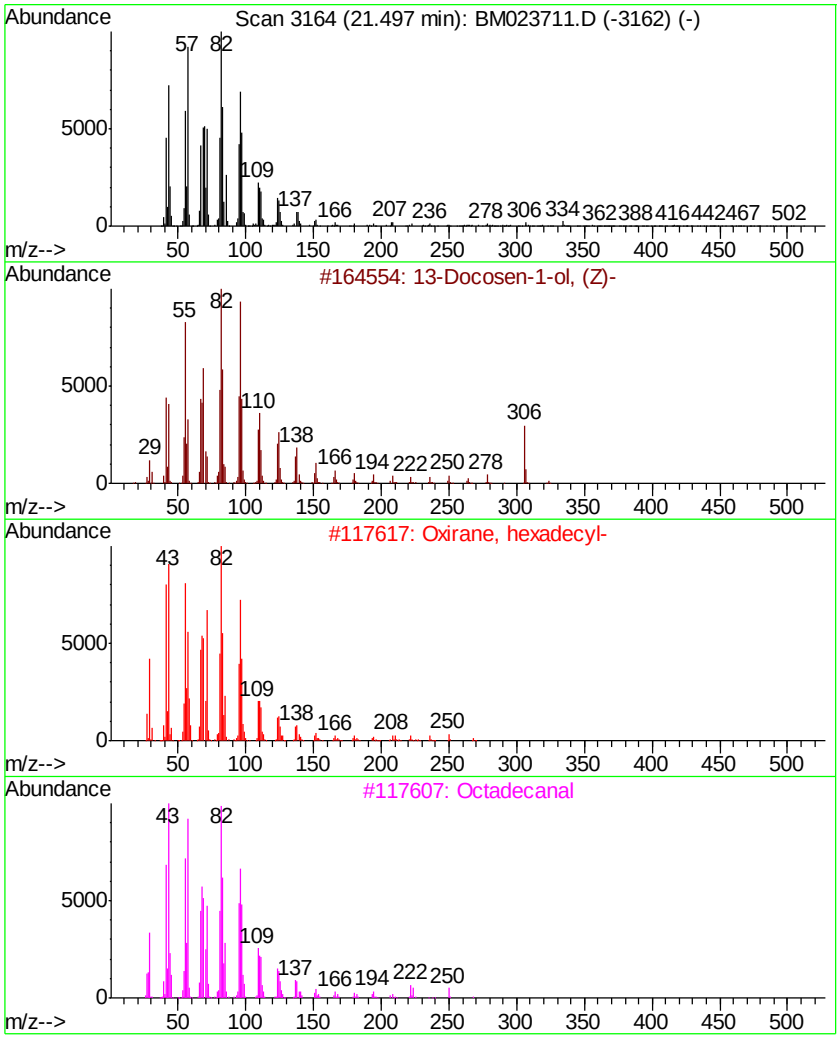
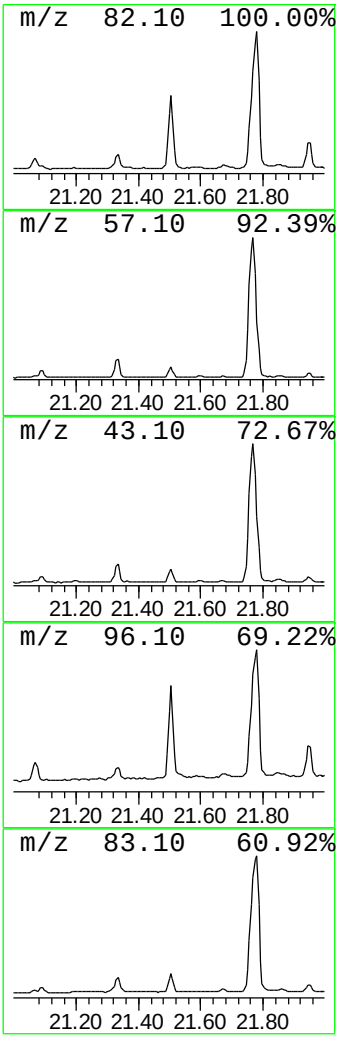
Peak Number 36 13-Docosen-1-ol, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	19.29 ng/ul	4774600	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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ClientSampleId : JLMA0

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Quant Title : SVOA CALIBRATION

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

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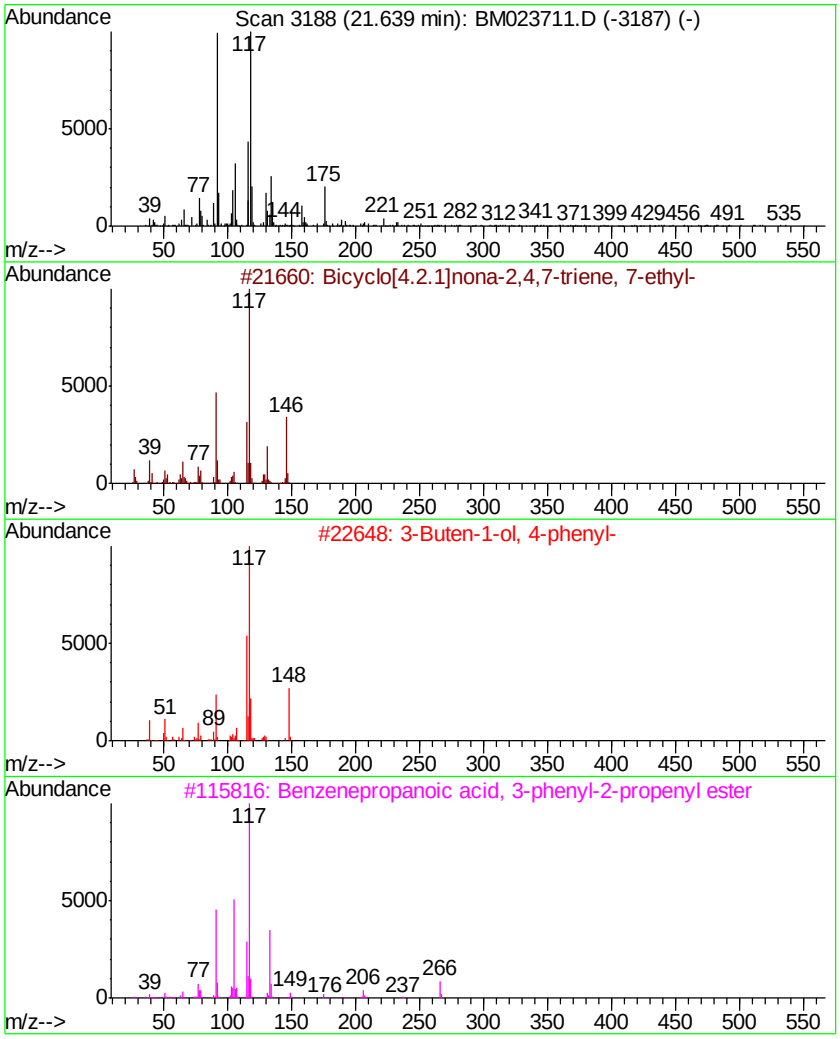
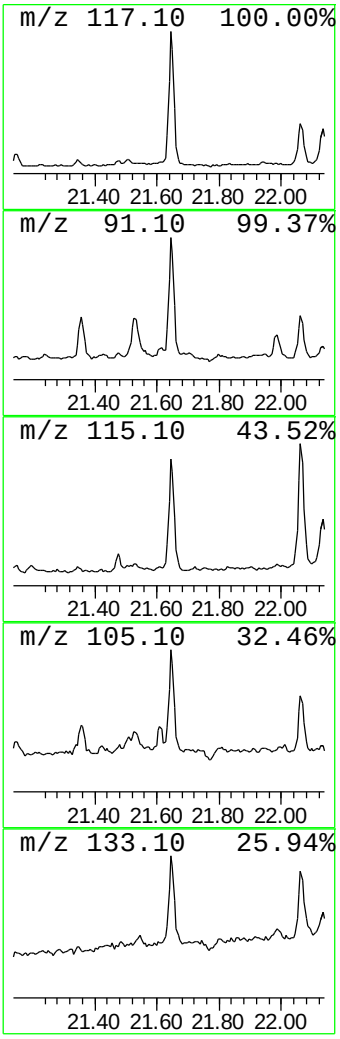
Peak Number 37 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	7.99 ng/ul	1978340	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	47
2	3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	43
3	Benzenepropanoic acid, 3-phenyl-...	266	C18H18O2	028048-98-8	42
4	3-Phenyl-4-methyl-5-hydroxy-isox...	175	C10H9NO2	053949-08-9	40
5	3-Phenyl-4-methyl-isoxazol-5(4H)...	175	C10H9NO2	023244-37-3	40





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TIC Integration Parameters: LSCINT.P

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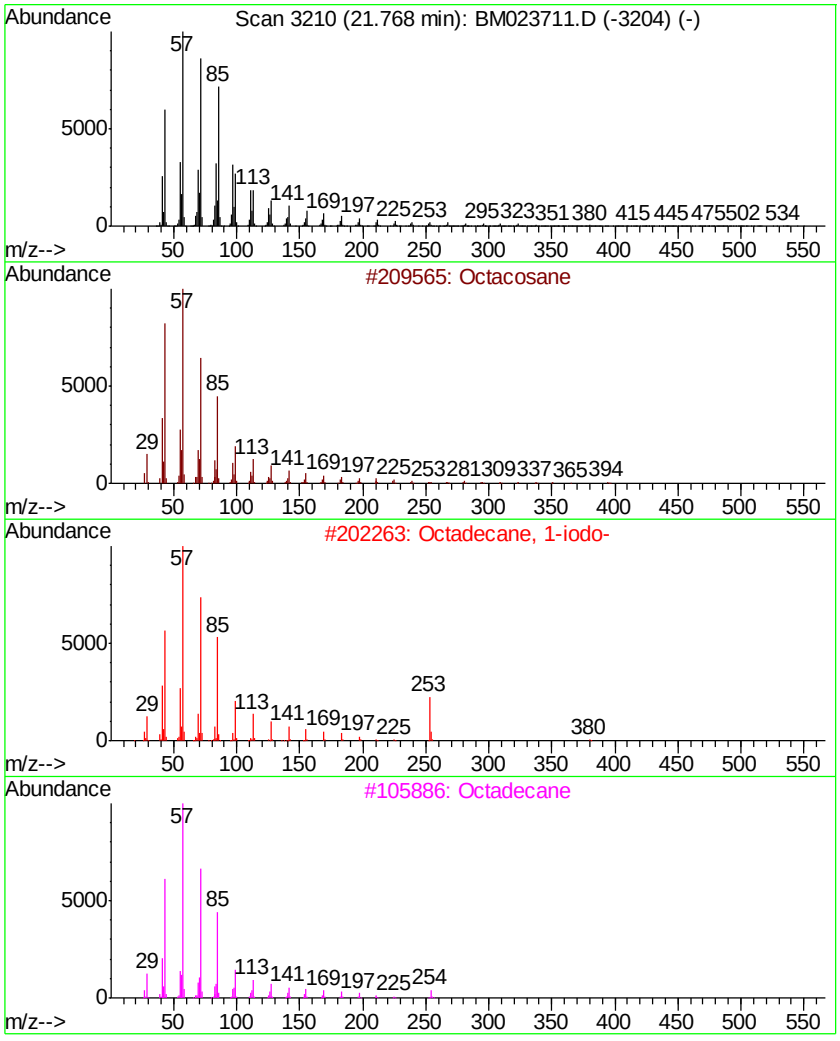
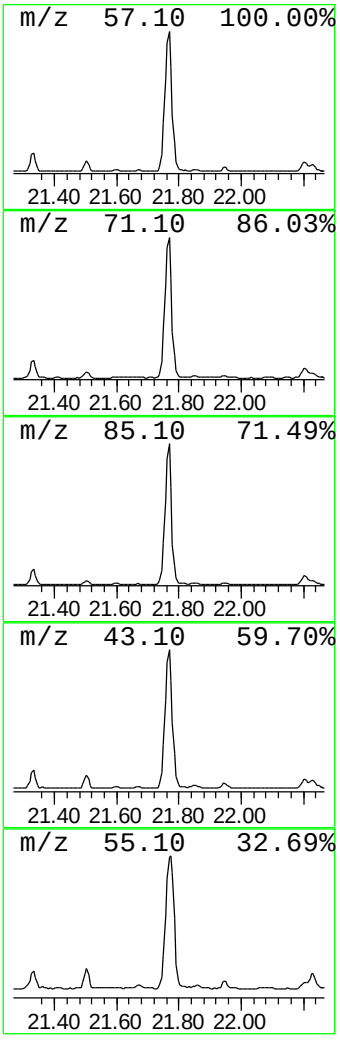
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	283.92 ng/ul	70275100	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	98
3	Octadecane	254	C18H38	000593-45-3	97
4	Docosane, 9-octyl-	422	C30H62	055319-83-0	94
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	93





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Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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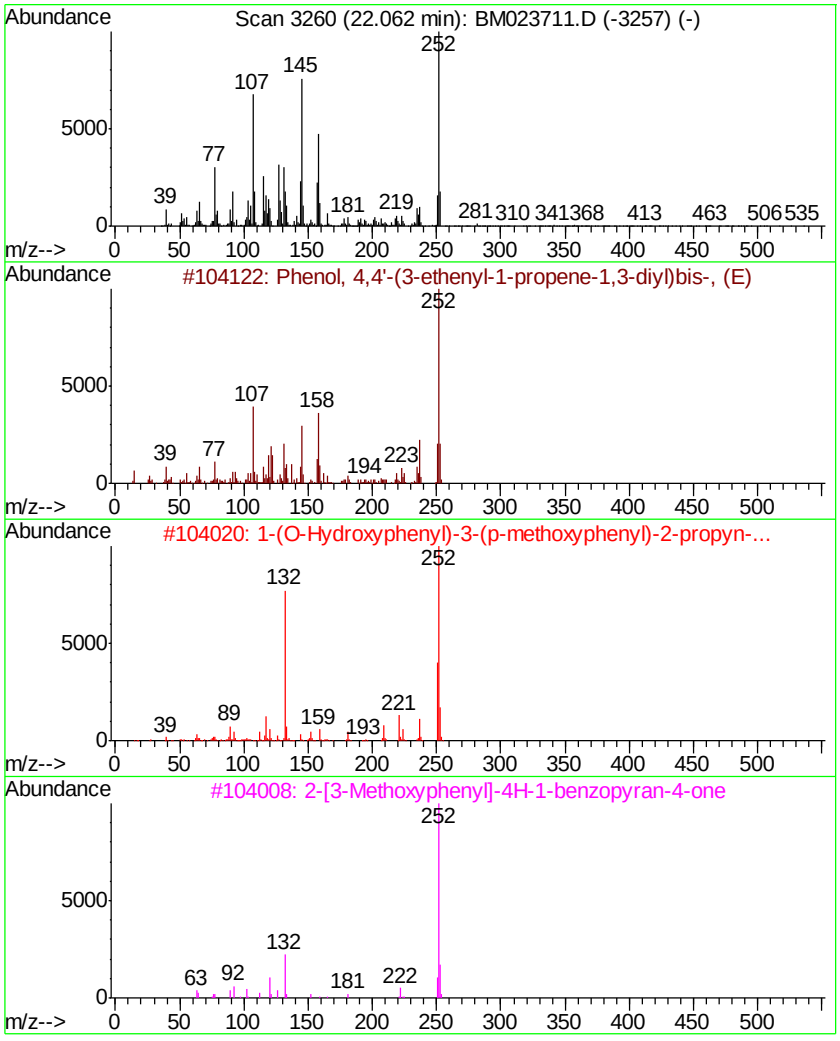
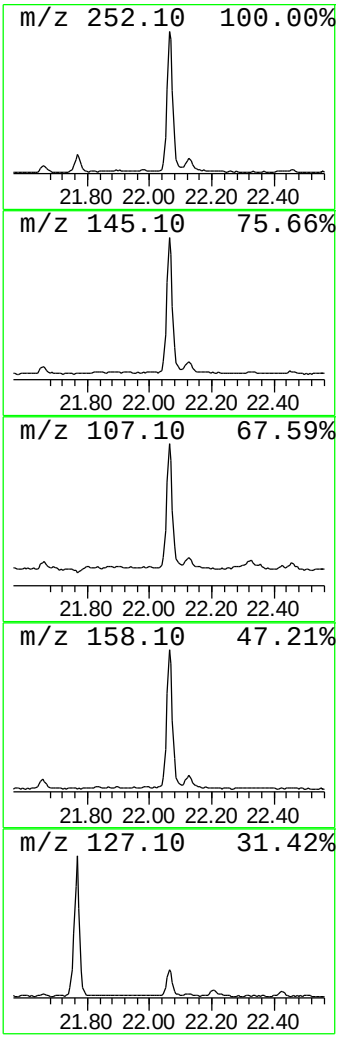
Peak Number 39 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	21.12 ng/ul	5227470	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(3-ethenyl-1-propen...	252	C17H16O2	017676-24-3	49
2	1-(O-Hydroxyphenyl)-3-(p-methoxy...	252	C16H12O3	101278-20-0	25
3	2-[3-Methoxyphenyl]-4H-1-benzopy...	252	C16H12O3	053906-83-5	25
4	4-(2-Furyl)pyridine	145	C9H7NO	055484-04-3	18
5	4H-1-Benzopyran-4-one, 3-(2-meth...	252	C16H12O3	007622-32-4	18





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Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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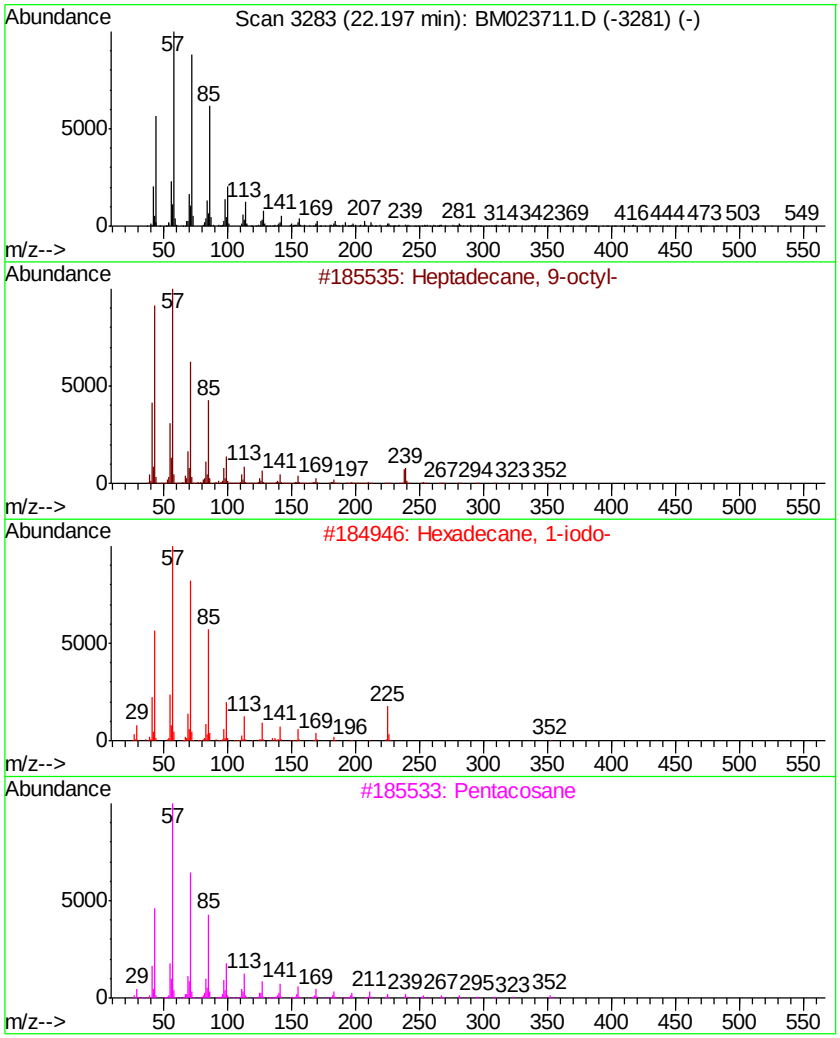
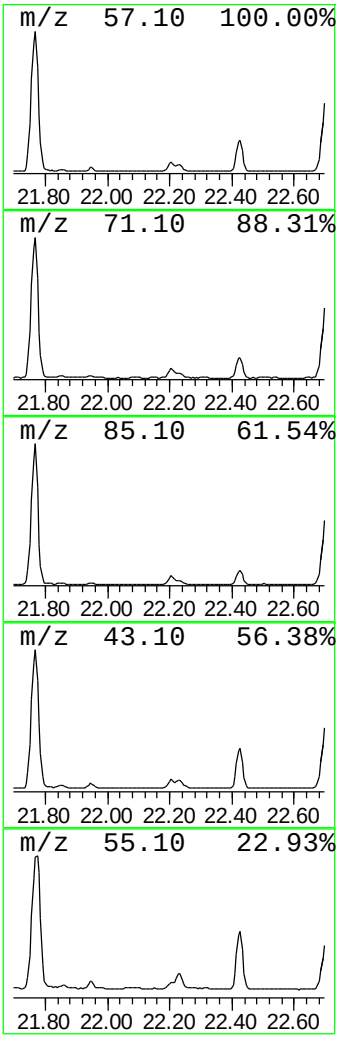
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	9.94 ng/ul	2461270	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
3	Pentacosane	352	C25H52	000629-99-2	94
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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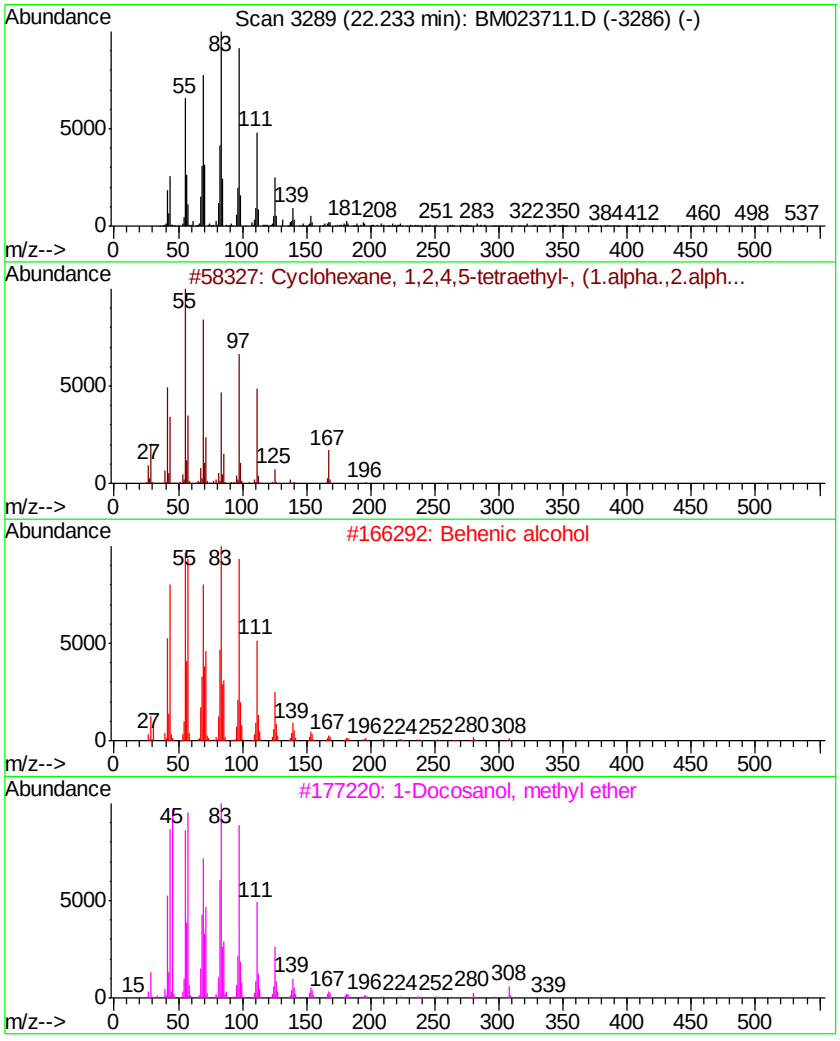
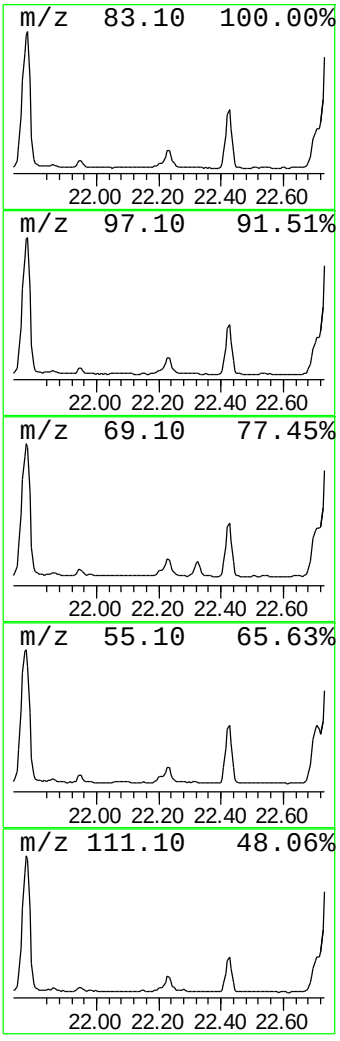
Peak Number 41 (DEL) Alkane: Cyclic22.23 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	15.36 ng/ul	3802660	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	50
2	Behenic alcohol	326	C22H46O	000661-19-8	46
3	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	46
4	1-Octadecanol	270	C18H38O	000112-92-5	43
5	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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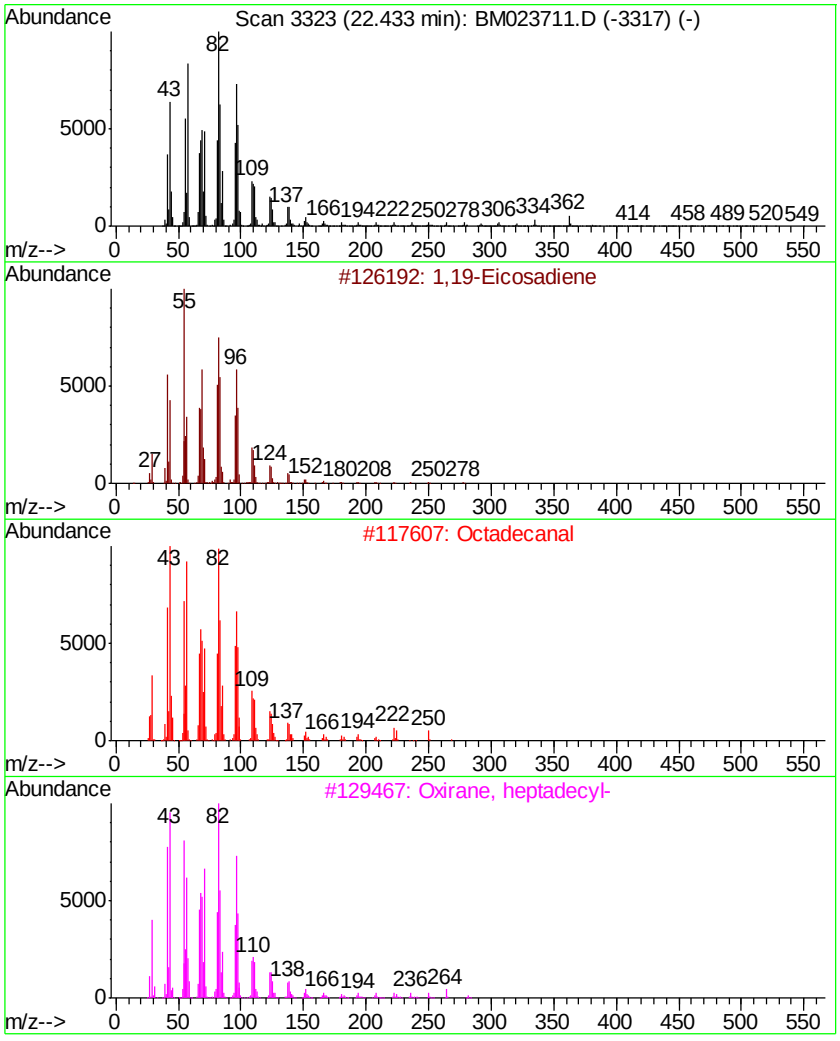
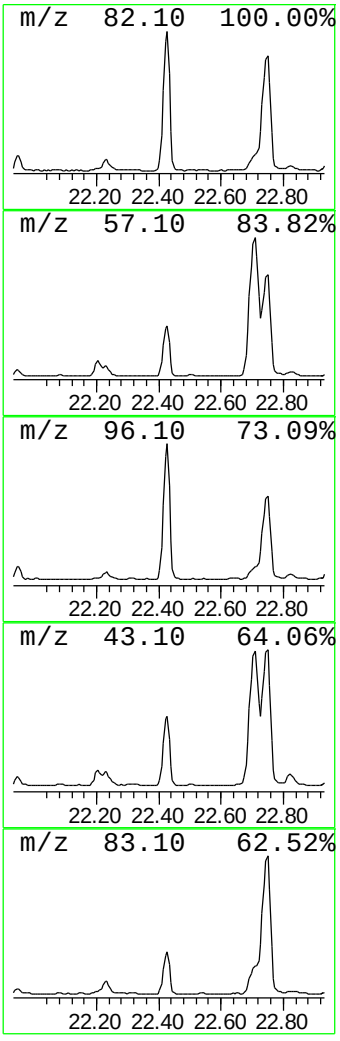
Peak Number 42 1,19-Eicosadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	49.31 ng/ul	22369400	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Tetracosanal	352	C24H48O	057866-08-7	91





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Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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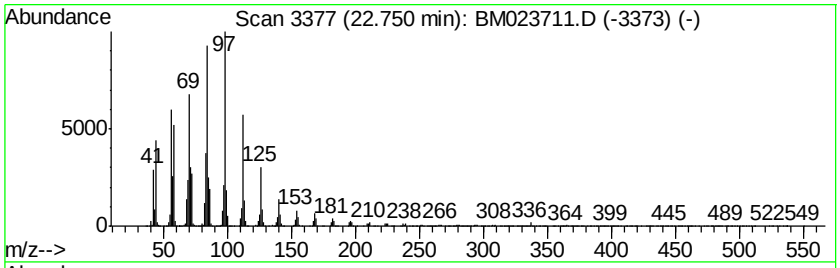
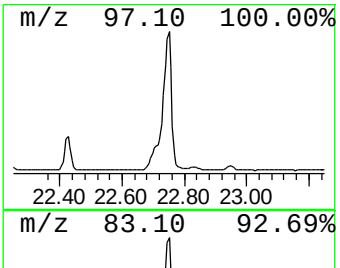
Peak Number 43 Docosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	117.99 ng/ul	53525900	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





Tentatively Identified Compound (LSC) summary

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Data File : BM023711.D
Acq On : 13 Nov 2019 23:43
Operator : JU
Sample : K5678-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzyl alcohol	7.79	4.7	ng/ul	649076	1	7.54	2750430	20.0
Nonanal	8.87	5.5	ng/ul	763347	1	7.54	2750430	20.0
Benzofuran, 2,3-d...	10.56	2.1	ng/ul	450391	2	10.32	4338790	20.0
Nonanoic acid	11.15	2.4	ng/ul	513415	2	10.32	4338790	20.0
Benzaldehyde, 4-h...	12.53	4.6	ng/ul	1678200	3	14.20	7239160	20.0
trans-Cinnamic acid	13.34	4.5	ng/ul	1609630	3	14.20	7239160	20.0
N-.alpha.-t-Boc-L...	14.68	3.3	ng/ul	1197710	3	14.20	7239160	20.0
1H-Cyclopropa[a]n...	15.60	18.4	ng/ul	6402480	4	16.94	6960010	20.0
(-)-Aristolene	15.64	2.9	ng/ul	1015660	4	16.94	6960010	20.0
.beta.-Guaiene	15.68	2.2	ng/ul	761058	4	16.94	6960010	20.0
Benzene, 1-methox...	15.77	3.0	ng/ul	1033500	4	16.94	6960010	20.0
2-Naphthalenemeth...	15.84	59.9	ng/ul	20833200	4	16.94	6960010	20.0
unknown-01	15.96	6.0	ng/ul	2073930	4	16.94	6960010	20.0
unknown-02	16.85	7.6	ng/ul	2636270	4	16.94	6960010	20.0
unknown-03	17.16	37.0	ng/ul	12884100	4	16.94	6960010	20.0
(DEL) Alkane: Cyc...	17.36	3.3	ng/ul	1137240	4	16.94	6960010	20.0
unknown-04	17.42	2.4	ng/ul	841249	4	16.94	6960010	20.0
(DEL) Alkane: Str...	17.47	4.8	ng/ul	1681920	4	16.94	6960010	20.0
cis-9-Hexadecenoi...	17.82	3.3	ng/ul	1145460	4	16.94	6960010	20.0
n-Hexadecanoic acid	17.88	16.8	ng/ul	5853790	4	16.94	6960010	20.0
2-Methoxybenzoic ...	18.24	4.4	ng/ul	1524010	4	16.94	6960010	20.0
(DEL) Alkane: Cyc...	18.74	3.0	ng/ul	1035790	4	16.94	6960010	20.0
(DEL) Alkane: Str...	18.82	7.2	ng/ul	2520970	4	16.94	6960010	20.0
Octadecanoic acid	19.17	12.2	ng/ul	3013380	5	21.15	4950350	20.0
(DEL) Alkane: Cyc...	19.90	19.8	ng/ul	4888860	5	21.15	4950350	20.0
(DEL) Alkane: Str...	19.93	28.3	ng/ul	6995920	5	21.15	4950350	20.0
(DEL) Alkane: Cyc...	20.41	3.7	ng/ul	923500	5	21.15	4950350	20.0
(DEL) Alkane: Str...	20.43	9.0	ng/ul	2225620	5	21.15	4950350	20.0
Octadecanal	20.60	3.8	ng/ul	938927	5	21.15	4950350	20.0
2-Propen-1-one, 1...	20.69	18.3	ng/ul	4529150	5	21.15	4950350	20.0
Cinnamyl cinnamate	20.72	23.5	ng/ul	5817980	5	21.15	4950350	20.0
(DEL) Alkane: Str...	20.90	166.9	ng/ul	41313300	5	21.15	4950350	20.0
unknown-05	20.97	21.4	ng/ul	5289830	5	21.15	4950350	20.0
Tetracosane, 1-br...	21.33	21.5	ng/ul	5331190	5	21.15	4950350	20.0
13-Docosen-1-ol, ...	21.50	19.3	ng/ul	4774600	5	21.15	4950350	20.0
unknown-06	21.64	8.0	ng/ul	1978340	5	21.15	4950350	20.0
(DEL) Alkane: Str...	21.77	283.9	ng/ul	70275100	5	21.15	4950350	20.0
unknown-07	22.06	21.1	ng/ul	5227470	5	21.15	4950350	20.0
(DEL) Alkane: Str...	22.20	9.9	ng/ul	2461270	5	21.15	4950350	20.0
(DEL) Alkane: Cyc...	22.23	15.4	ng/ul	3802660	5	21.15	4950350	20.0
1,19-Eicosadiene	22.43	49.3	ng/ul	22369400	6	23.31	9073250	20.0
Docosyl trifluoro...	22.75	118.0	ng/ul	53525900	6	23.31	9073250	20.0