LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

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-BM101419MA.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	4.840	307	315	336	rBV	3947578	7034435	2.93%	0.576%
2	5.699	453	461	474	rVB	477591	790156	0.33%	0.065%
3	6.610	543	616	621	rBV	6673732	42874744	17.87%	3.509%
4	6.799	642	648	653	rVB	839482	1274781	0.53%	0.104%
5	6.858	653	658	664	rVV	377118	599104	0.25%	0.049%
6	6.928	664	670	682	rVB	1116827	1967311	0.82%	0.161%
7	7.093	693	698	704	rVB	524118	783556	0.33%	0.064%
8	7.205	704	717	719	rBV	390800	986021	0.41%	0.081%
9	7.352	735	742	749	rBV	2795123	4268308	1.78%	0.349%
10	7.687	792	799	805	rBV	1555294	2546422	1.06%	0.208%
11	7.875	805	831	835	rBV2	42072644	239943419	100.00%	19.637%
12	8.257	891	896	903	rVB2	609419	1036052	0.43%	0.085%
13	8.346	906	911	917	rBV	1172360	1781494	0.74%	0.146%
14	8.404	917	921	930	rVV	383386	590750	0.25%	0.048%
15	8.510	934	939	946	rVB	298489	499071	0.21%	0.041%
16	8.657	959	964	968	rBV	340164	503615	0.21%	0.041%
17	8.804	983	989	993	rBV	538423	889825	0.37%	0.073%
18	9.269	1015	1068	1071	rBV	5396539	45224762	18.85%	3.701%
19	9.381	1082	1087	1101	rVB	395341	750688	0.31%	0.061%
20	10.093	1203	1208	1216	rVB	352164	617976	0.26%	0.051%
21	10.475	1266	1273	1279	rVV	2265000	3854389	1.61%	0.315%
22	11.463	1434	1441	1449	rBV	3310156	4997720	2.08%	0.409%
23	12.728	1647	1656	1661	rVV2	585172	1202512	0.50%	0.098%
24	13.598	1792	1804	1809	rVV	35432941	58029232	24.18%	4.749%
25	13.657	1809	1814	1819	rVB	700074	959641	0.40%	0.079%
26	13.751	1825	1830	1834	rBV	573764	788975	0.33%	0.065%
27	14.022	1870	1876	1878	rVV	702699	1152022	0.48%	0.094%
28	14.051	1878	1881	1892	rVB	916620	1381105	0.58%	0.113%
29	14.334	1922	1929	1935	rBV2	3478319	7589241	3.16%	0.621%
30	14.386	1935	1938	1946	rVB	2911771	3754709	1.56%	0.307%
31	14.592	1967	1973	1982	rVB	3063388	4065307	1.69%	0.333%
32	15.204	2069	2077	2084	rVV	17064446	23377280	9.74%	1.913%
33	15.286	2084	2091	2094	rVV2	321072	747714	0.31%	0.061%
34	15.322	2094	2097	2102	rVV	945069	1377290	0.57%	0.113%

LSC Area Percent Report

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Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

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-BM101419MA.M
Title : SVOA CALIBRATION

35	15.381	2102	2107	2112	rVV2	382906	690508	0.29%	0.057%
36	16.110	2227	2231	2237	rVB	867253	1082478	0.45%	0.089%
37	16.533	2299	2303	2308	rVB	558065	750241	0.31%	0.061%
38	16.886	2359	2363	2367	rVV2	474999	667948	0.28%	0.055%
39	17.075	2389	2395	2398	rBV2	4095040	5862005	2.44%	0.480%
40	17.116	2398	2402	2407	rVB	2830735	3915890	1.63%	0.320%
41	17.169	2407	2411	2414	rBV2	959139	1324793	0.55%	0.108%
42	17.204	2414	2417	2422	rVB	608609	824635	0.34%	0.067%
43	17.533	2468	2473	2480	rVV	1305520	1766635	0.74%	0.145%
44	17.622	2481	2488	2498	rVV	3504393	4719476	1.97%	0.386%
45	17.710	2498	2503	2507	rVV	2745561	3498956	1.46%	0.286%
46	17.745	2507	2509	2513	rVV2	625937	709988	0.30%	0.058%
47	17.792	2513	2517	2524	rVB4	530470	762974	0.32%	0.062%
48	17.974	2540	2548	2558	rVB3	5437286	9489558	3.95%	0.777%
49	18.157	2572	2579	2583	rVV2	4156503	6885381	2.87%	0.564%
50	18.198	2583	2586	2591	rVB	1819667	2400585	1.00%	0.196%
51	18.257	2591	2596	2601	rBV2	3157507	4385500	1.83%	0.359%
52	18.433	2618	2626	2632	rBV3	51420446	169223541	70.53%	13.849%
53	18.521	2635	2641	2646	rVB3	23741118	47473272	19.79%	3.885%
54	18.621	2654	2658	2663	rVB2	1279317	1522771	0.63%	0.125%
55	18.763	2678	2682	2683	rBV2	477098	580915	0.24%	0.048%
56	18.798	2683	2688	2693	rVV	14588153	18306025	7.63%	1.498%
57	18.845	2693	2696	2699	rVV3	445640	535590	0.22%	0.044%
58	19.004	2719	2723	2726	rBV	623554	779493	0.32%	0.064%
59	19.133	2740	2745	2751	rVB	7248050	10180715	4.24%	0.833%
60	19.239	2756	2763	2767	rBV	42730258	61343443	25.57%	5.020%
61	19.280	2767	2770	2775	rVV2	1172342	1408811	0.59%	0.115%
62	19.468	2797	2802	2803	rBV	1968857	2280001	0.95%	0.187%
63	19.498	2803	2807	2814	rVV	7722834	11261111	4.69%	0.922%
64	19.557	2814	2817	2828	rVB3	1172721	1717520	0.72%	0.141%
65	19.680	2835	2838	2844	rBV	412491	522626	0.22%	0.043%
66	19.933	2876	2881	2885	rBV	6286430	7441920	3.10%	0.609%
67	19.998	2889	2892	2897	rVV	1439319	1821663	0.76%	0.149%
68	20.063	2900	2903	2906	rVV	583150	771490	0.32%	0.063%
69	20.098	2906	2909	2913	rVV	1186801	1519607	0.63%	0.124%
70	20.163	2915	2920	2925	rVB3	1029740	1751653	0.73%	0.143%
71	20.339	2947	2950	2953	rBV	379359	517733	0.22%	0.042%

LSC Area Percent Report

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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

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-BM101419MA.M
Title : SVOA CALIBRATION

72	20.557	2982	2987	2995	rBV	25737674	32013187	13.34%	2.620%
73	20.951	3050	3054	3057	rBV2	1538125	1944378	0.81%	0.159%
74	20.986	3057	3060	3063	rBV2	382518	573270	0.24%	0.047%
75	21.027	3063	3067	3076	rVB2	7052988	8945577	3.73%	0.732%
76	21.121	3076	3083	3088	rBV4	49772007	141965449	59.17%	11.619%
77	21.215	3095	3099	3101	rBV	1023898	1355738	0.57%	0.111%
78	21.257	3101	3106	3110	rVV2	5289065	10581992	4.41%	0.866%
79	21.298	3110	3113	3120	rVB	5458357	6885693	2.87%	0.564%
80	21.362	3121	3124	3131	rVB4	618454	854909	0.36%	0.070%
81	21.445	3134	3138	3147	rVB3	1835584	3346480	1.39%	0.274%
82	21.521	3148	3151	3154	rVB2	719725	848901	0.35%	0.069%
83	21.568	3155	3159	3162	rBV	698680	964430	0.40%	0.079%
84	21.621	3163	3168	3173	rVB	29280656	40037938	16.69%	3.277%
85	21.692	3177	3180	3183	rBV	1131190	1340886	0.56%	0.110%
86	21.810	3192	3200	3203	rBV4	3992582	6726648	2.80%	0.551%
87	21.839	3203	3205	3211	rVV4	2888758	4306461	1.79%	0.352%
88	21.904	3211	3216	3223	rVB2	3957795	6799832	2.83%	0.557%
89	22.115	3248	3252	3254	rBV	2644698	3349504	1.40%	0.274%
90	22.145	3254	3257	3267	rVB	7076123	9949521	4.15%	0.814%
91	22.357	3290	3293	3299	rVB2	978765	1456284	0.61%	0.119%
92	22.827	3367	3373	3377	rBV	2491397	5510970	2.30%	0.451%
93	22.992	3398	3401	3406	rVB	584870	855474	0.36%	0.070%
94	23.292	3447	3452	3457	rBV	1446599	2430901	1.01%	0.199%
95	23.386	3463	3468	3475	rVB	2765730	5051104	2.11%	0.413%
96	23.486	3476	3485	3491	rBV	27856752	51222593	21.35%	4.192%
97	23.945	3559	3563	3573	rVB2	676174	1628447	0.68%	0.133%
98	25.709	3855	3863	3873	rBV2	1317356	3895280	1.62%	0.319%
99	26.062	3915	3923	3942	rVB	1632867	5068914	2.11%	0.415%
100	26.386	3970	3978	3998	rVB	937225	3033834	1.26%	0.248%

Sum of corrected areas: 1221881673

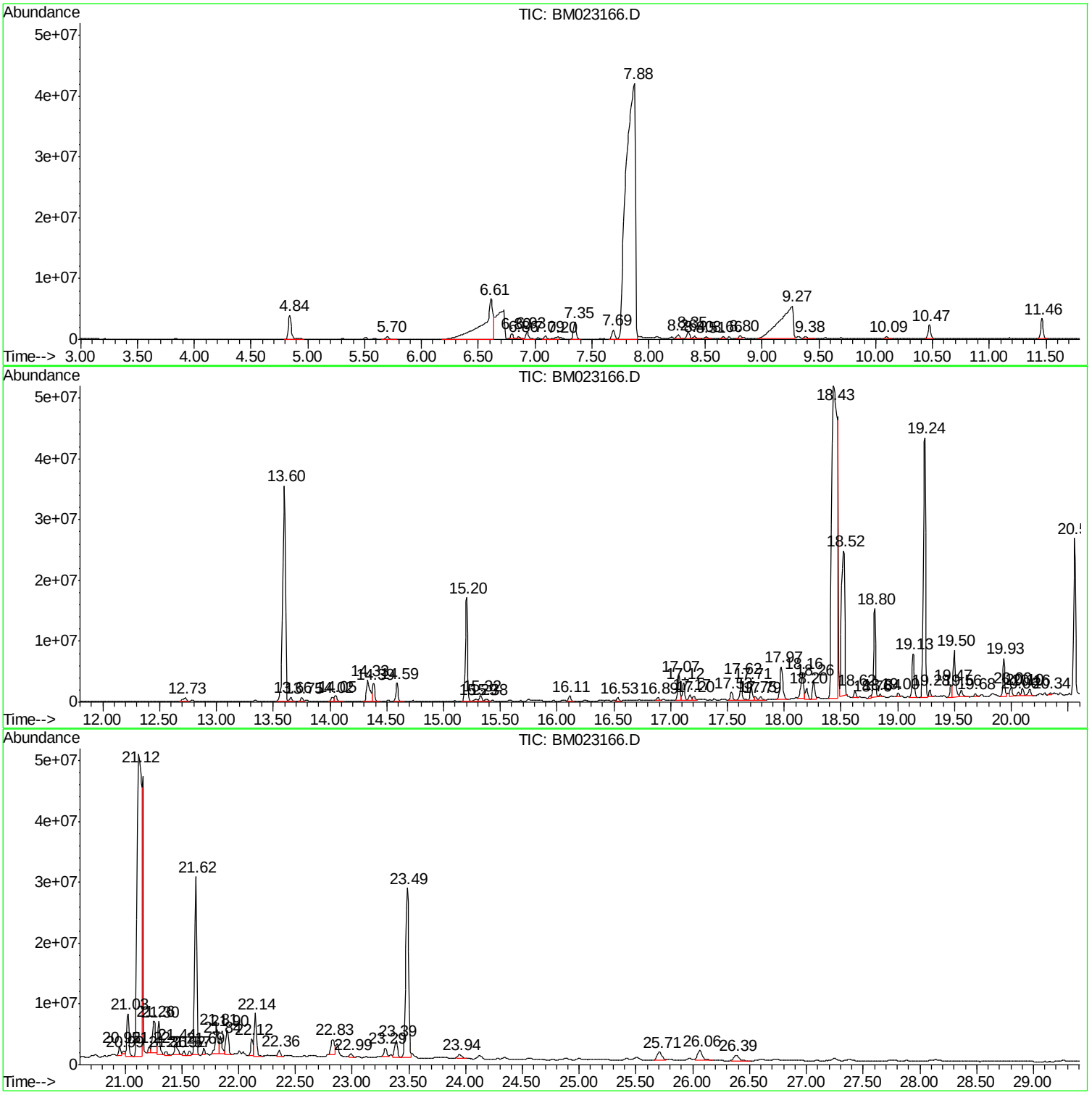
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

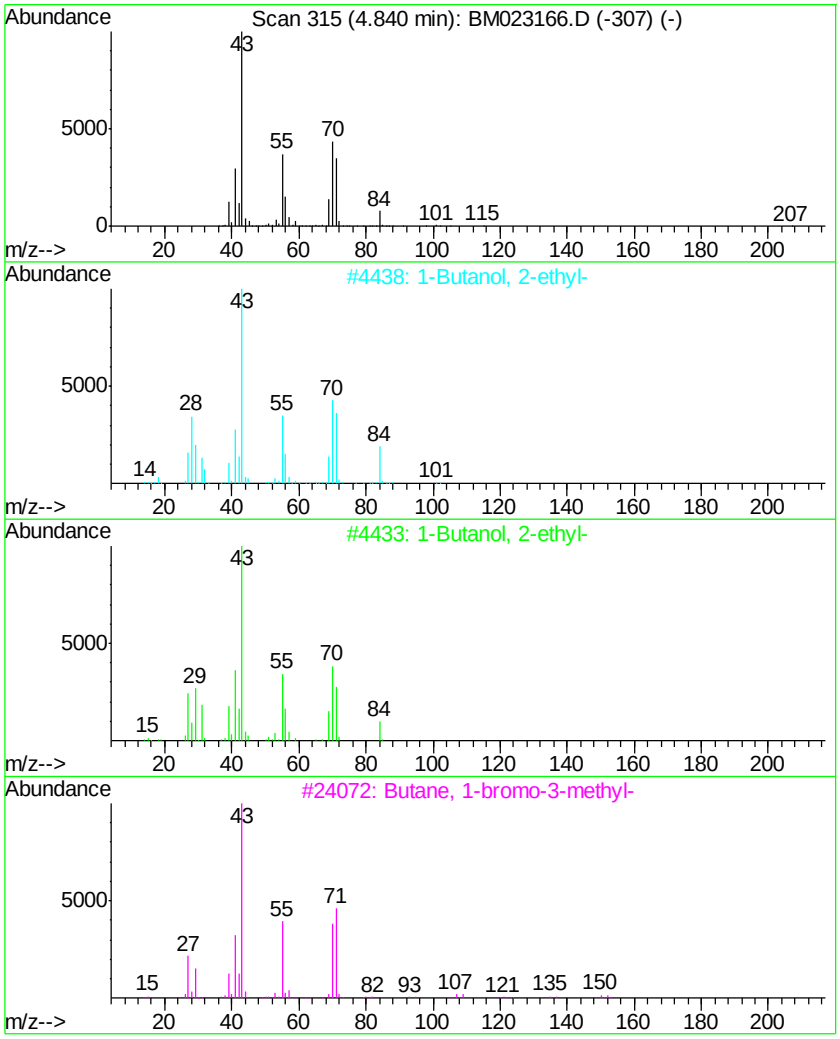
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

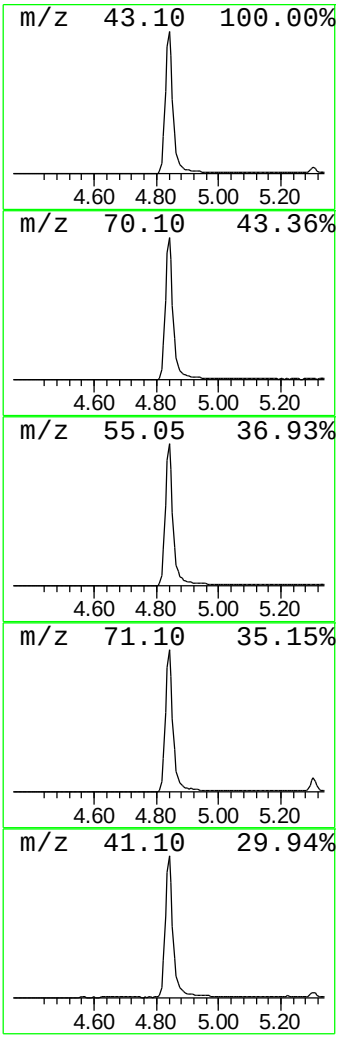
****

Peak Number 1 1-Butanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	55.25 ng/ul	7034440	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	83
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	64
3	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	64
4	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	64
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

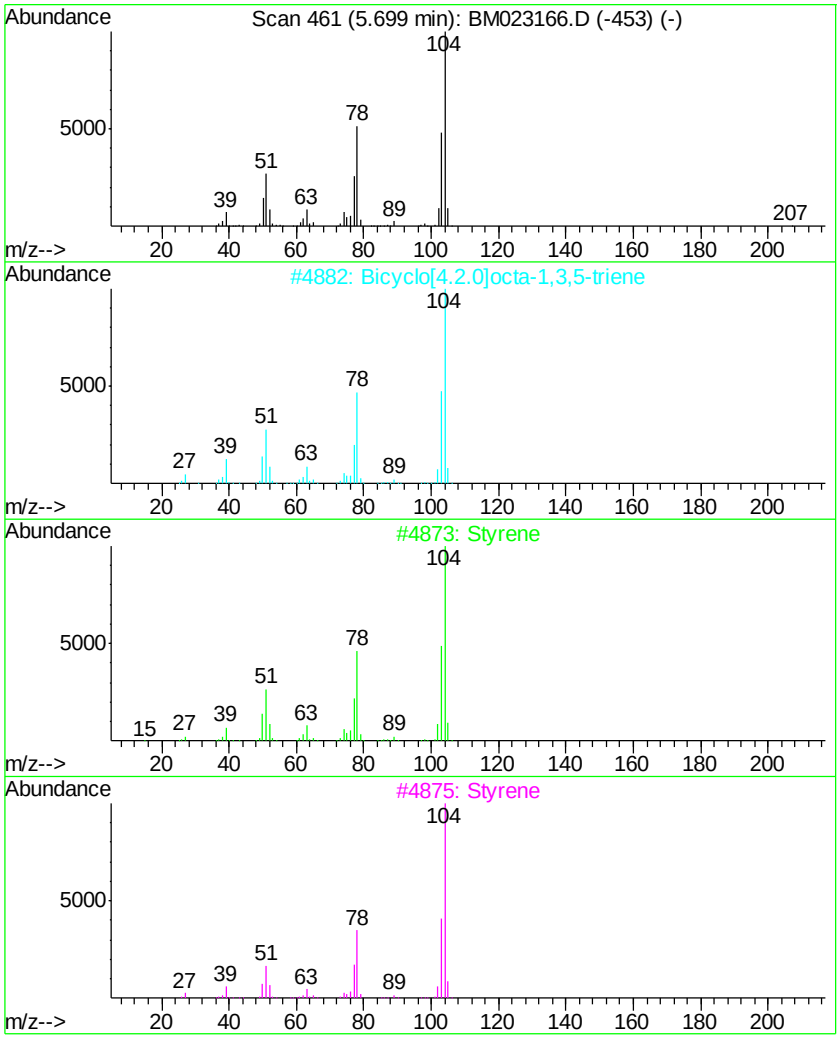
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

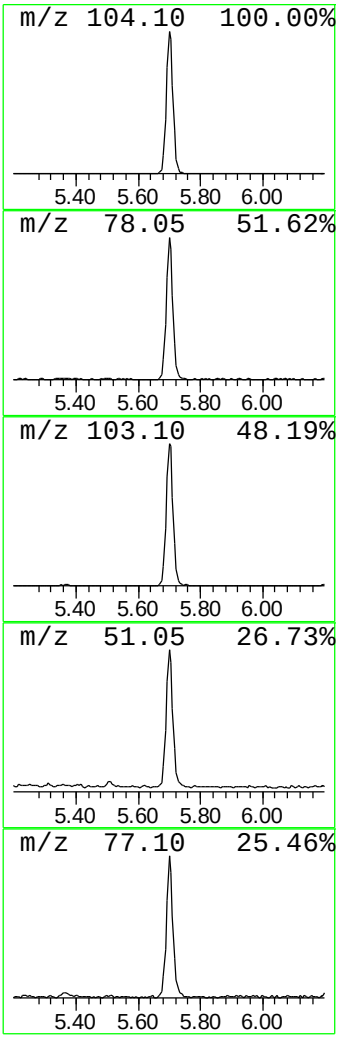
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	6.21 ng/ul	790156	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	96
3	Styrene	104	C8H8	000100-42-5	95
4	Styrene	104	C8H8	000100-42-5	93
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	93





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

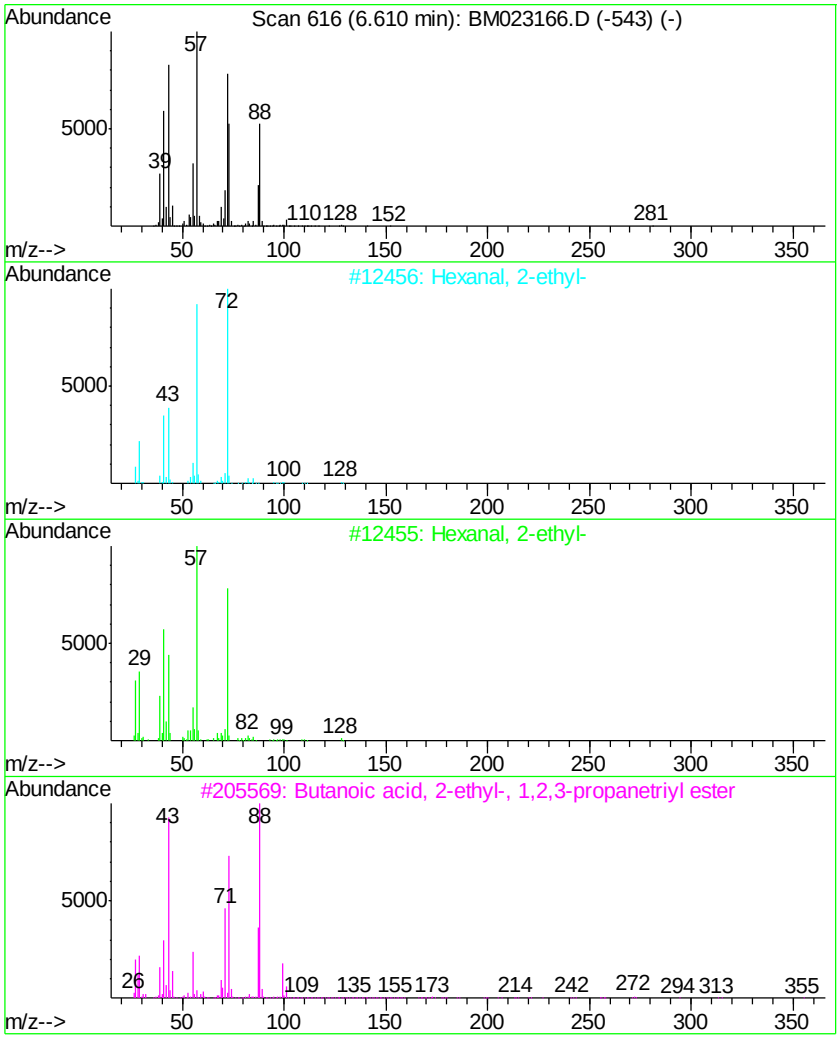
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

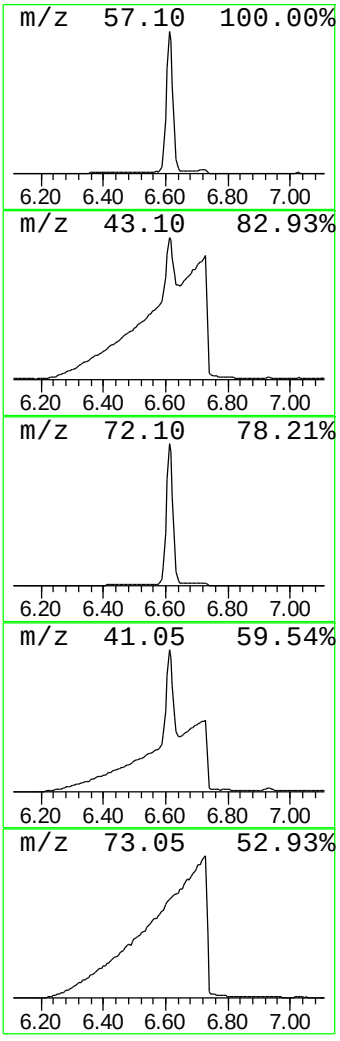
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	336.75 ng/ul	42874700	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	38
2	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	38
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	38
4	1,3-Cyclobutanediol, 2,2,4,4-tet...	144	C8H16O2	003010-96-6	37
5	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	35





Library Search Compound Report

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Data File : BM023166.D
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Instrument :
BNA_M
ClientSampleId :
JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

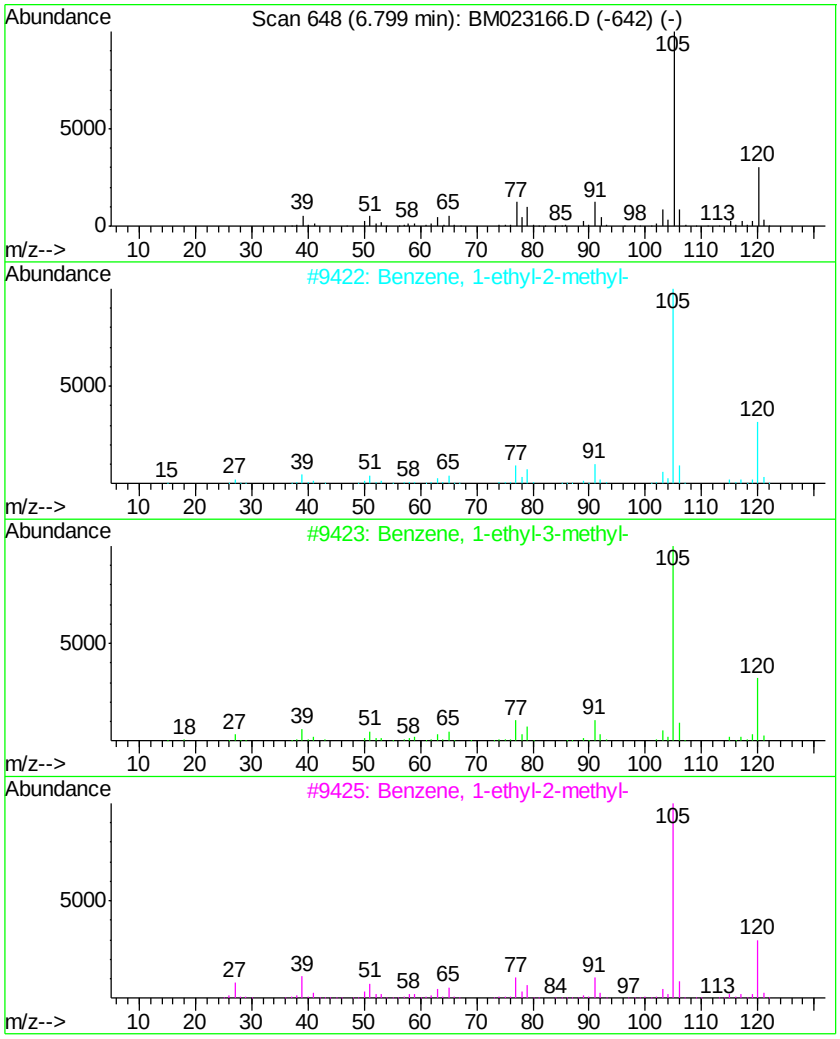
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

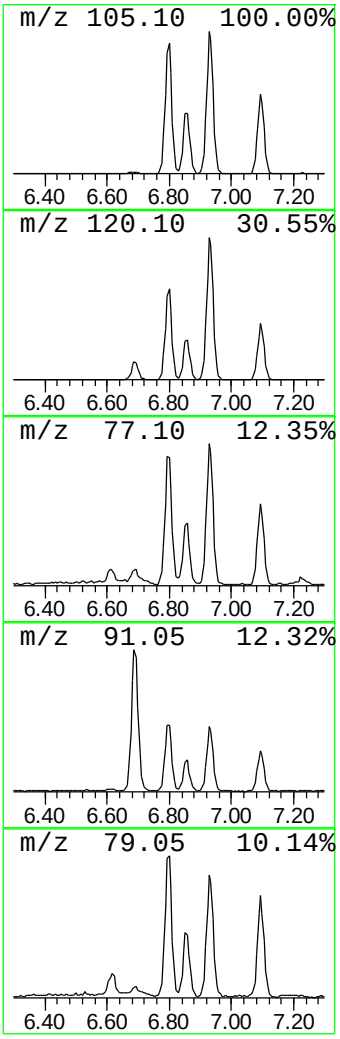
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	10.01 ng/ul	1274780	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

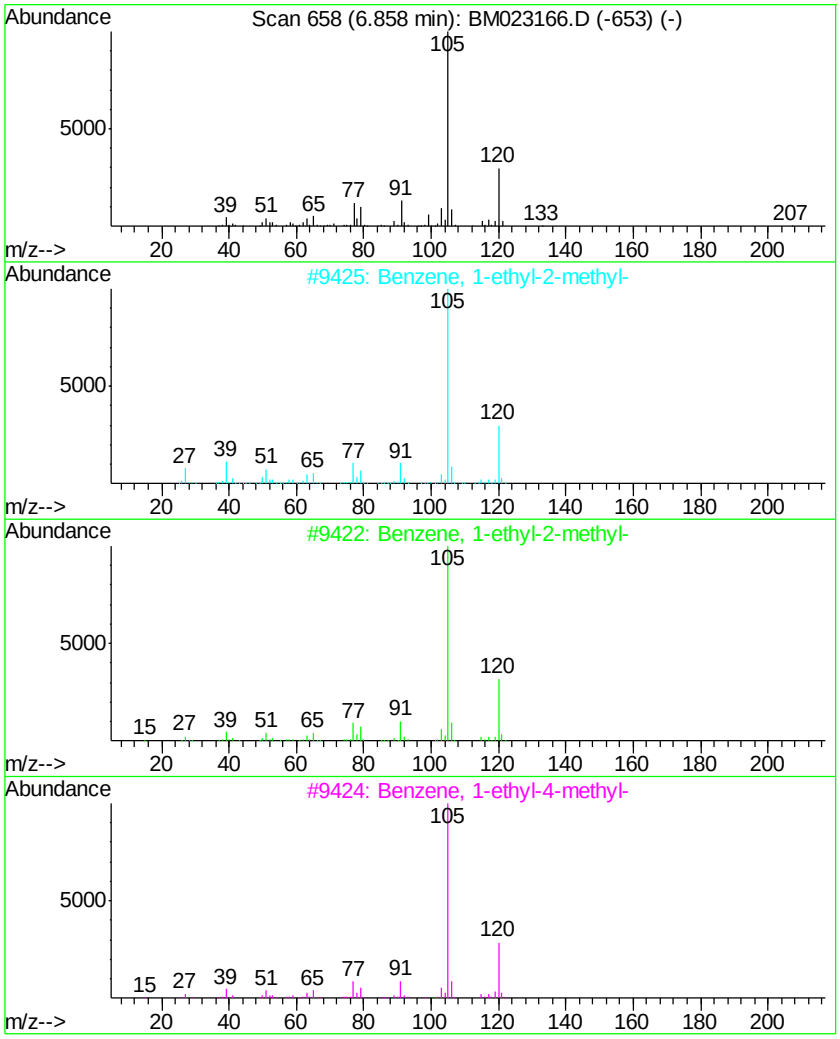
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

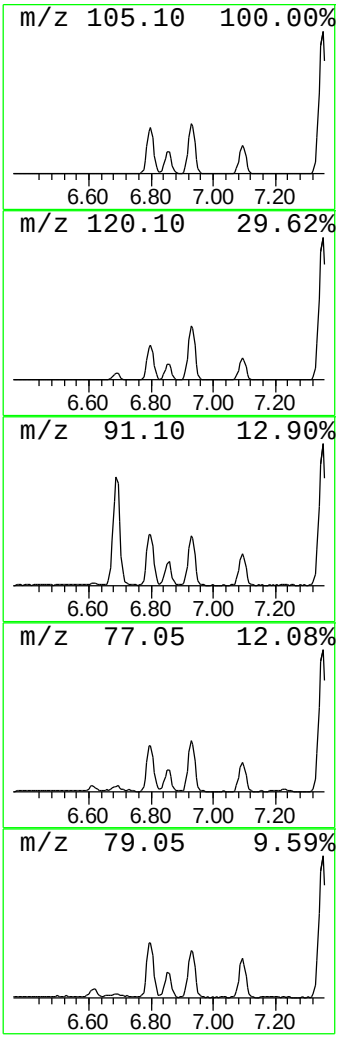
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.71 ng/ul	599104	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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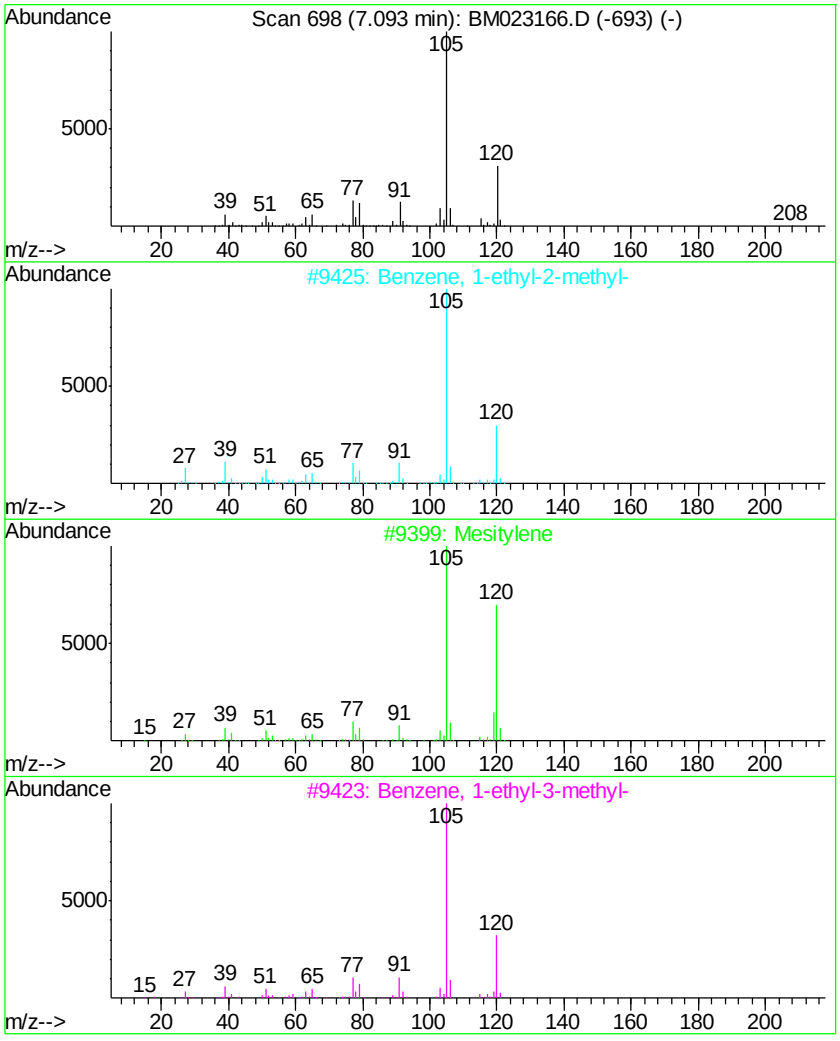
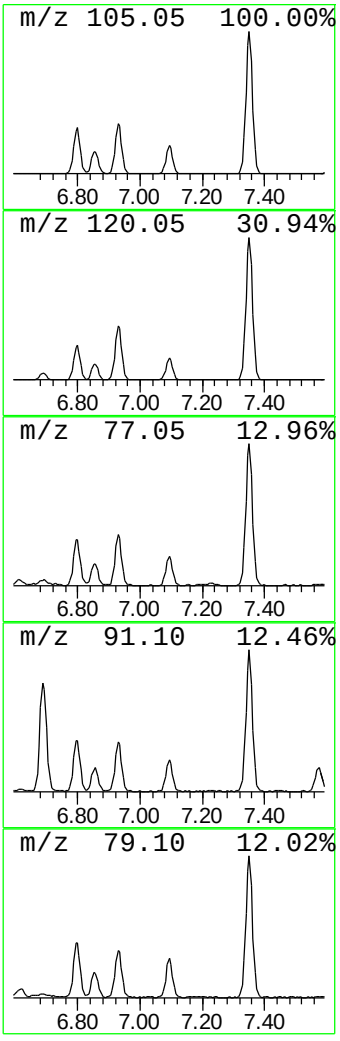
Peak Number 6 Mesitylene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	6.15 ng/ul	783556	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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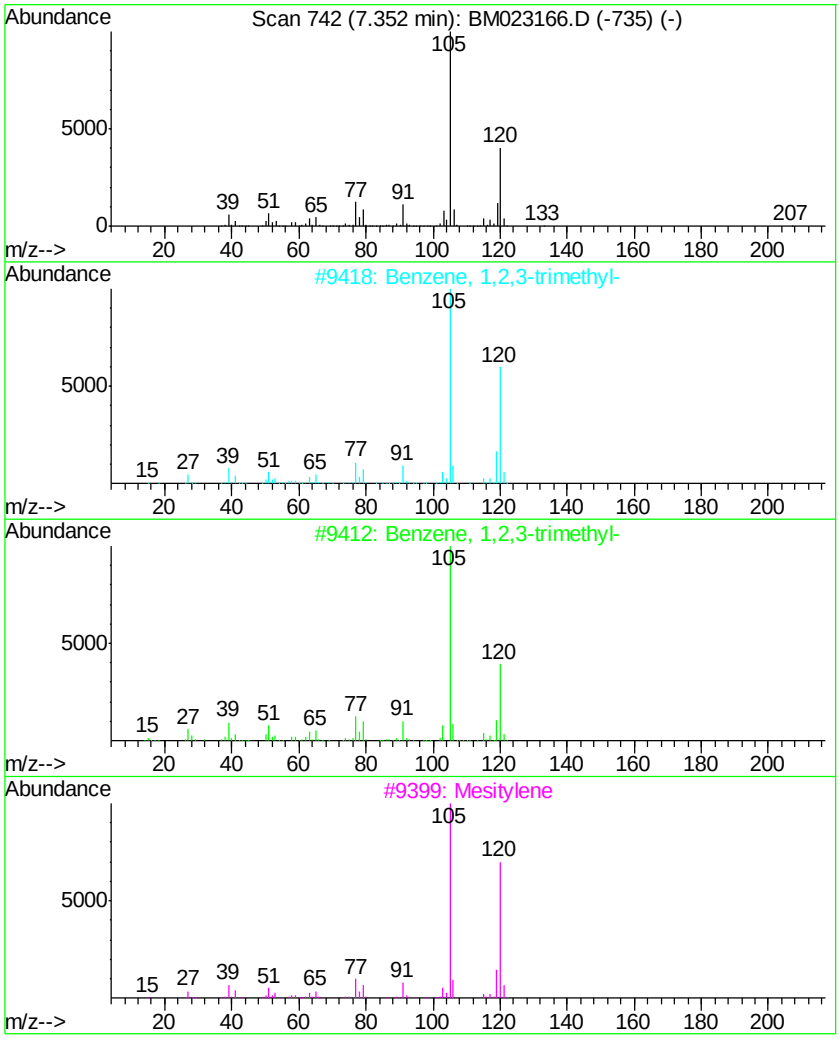
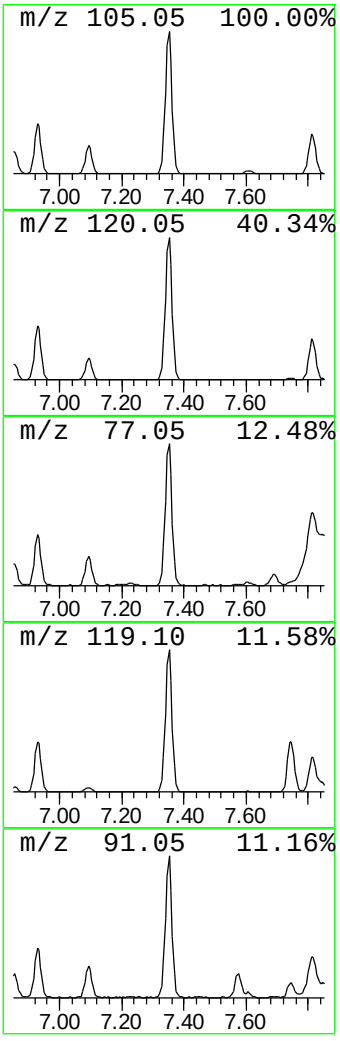
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	33.52 ng/ul	4268310	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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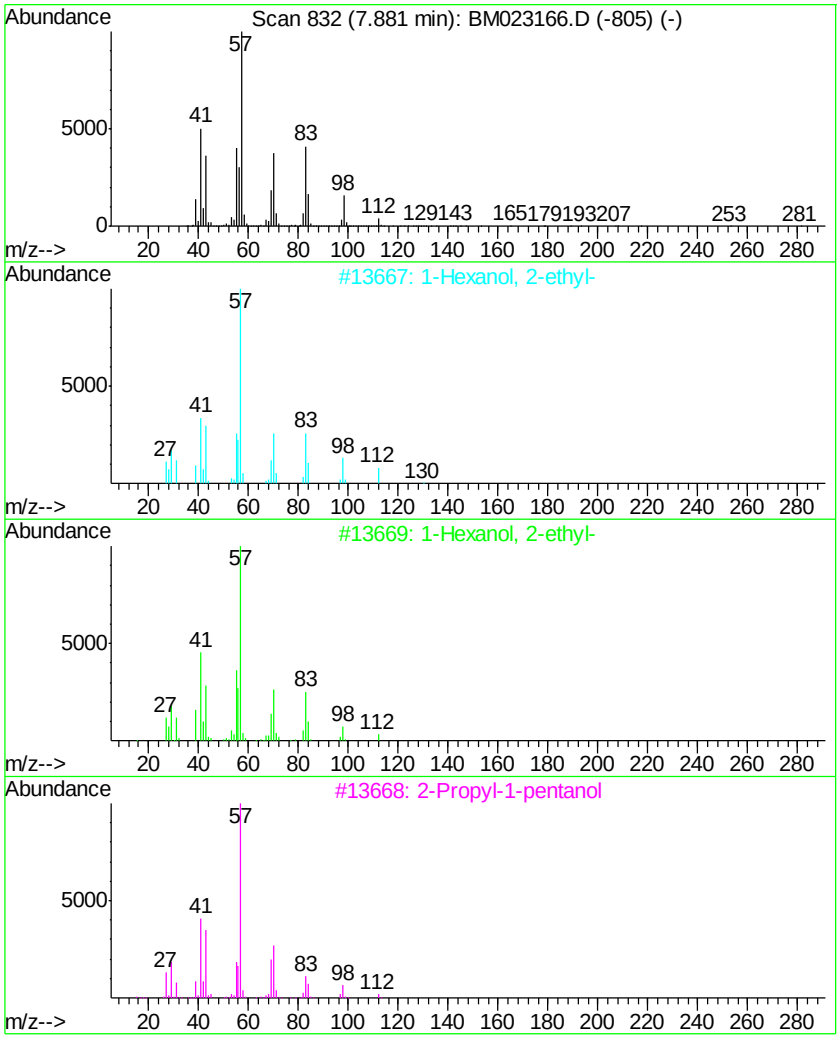
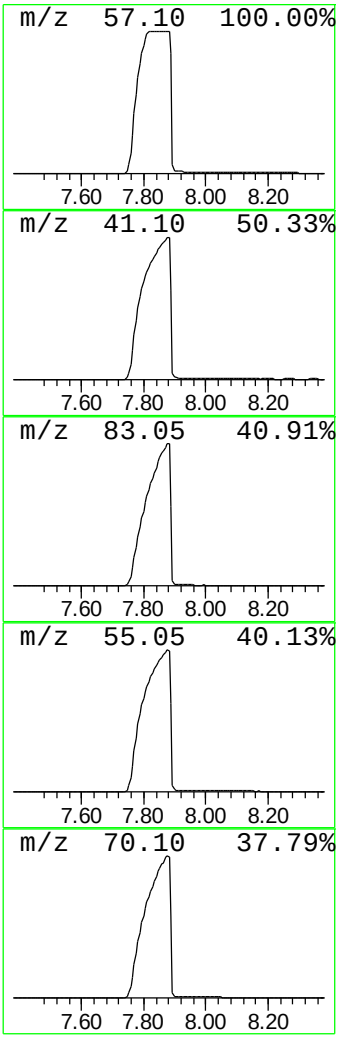
Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	1884.55 ng/ul	239943000	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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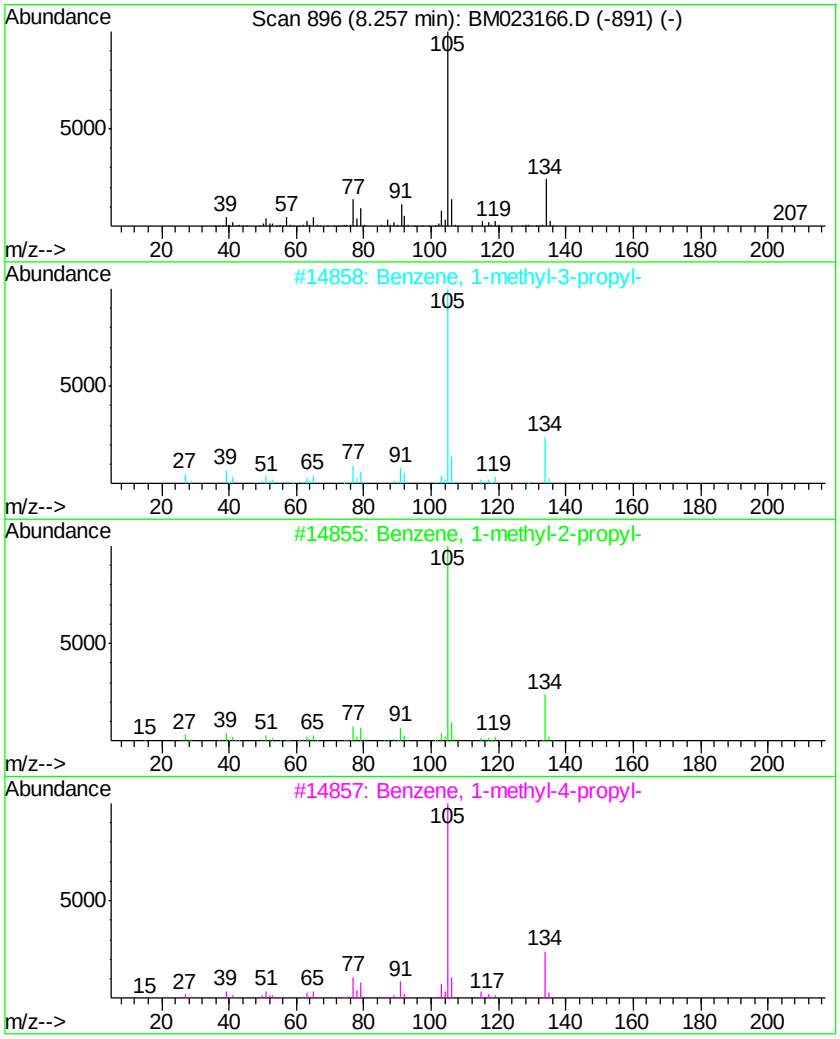
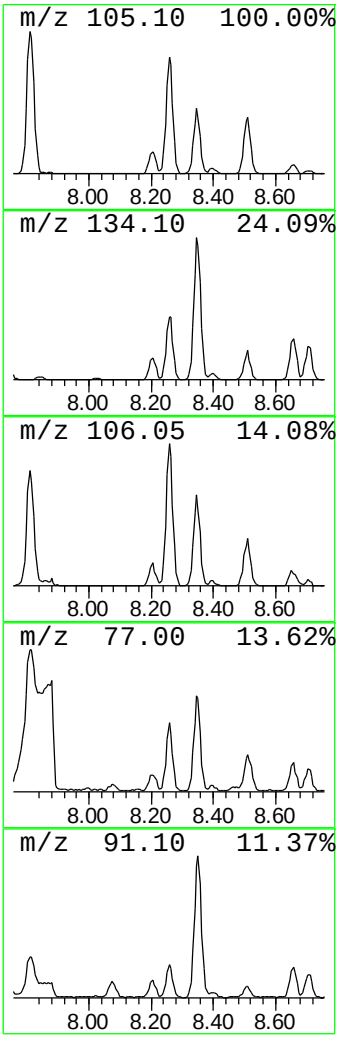
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	8.14 ng/ul	1036050	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Library Search Compound Report

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Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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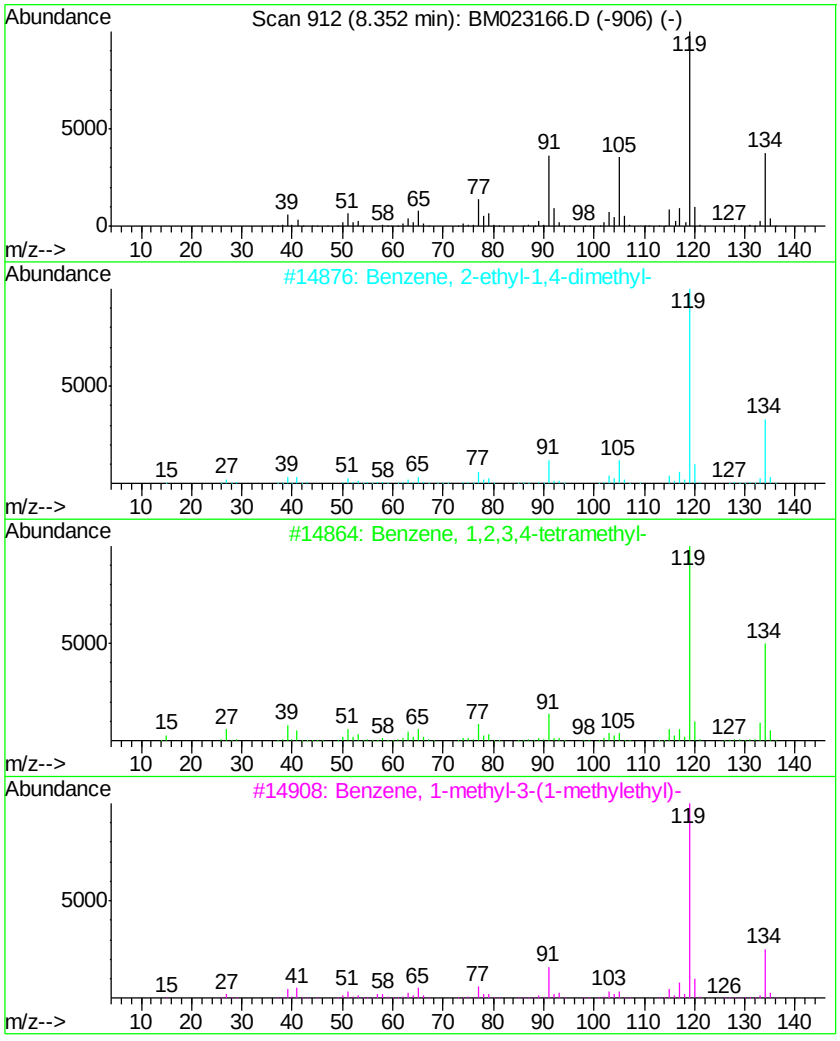
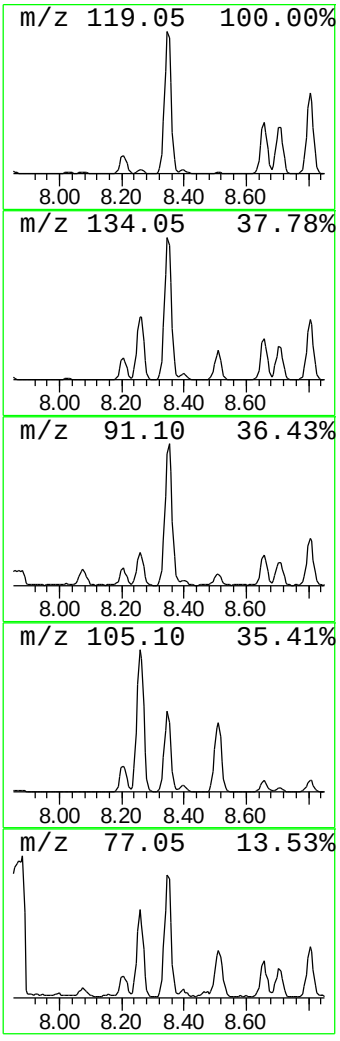
Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	13.99 ng/ul	1781490	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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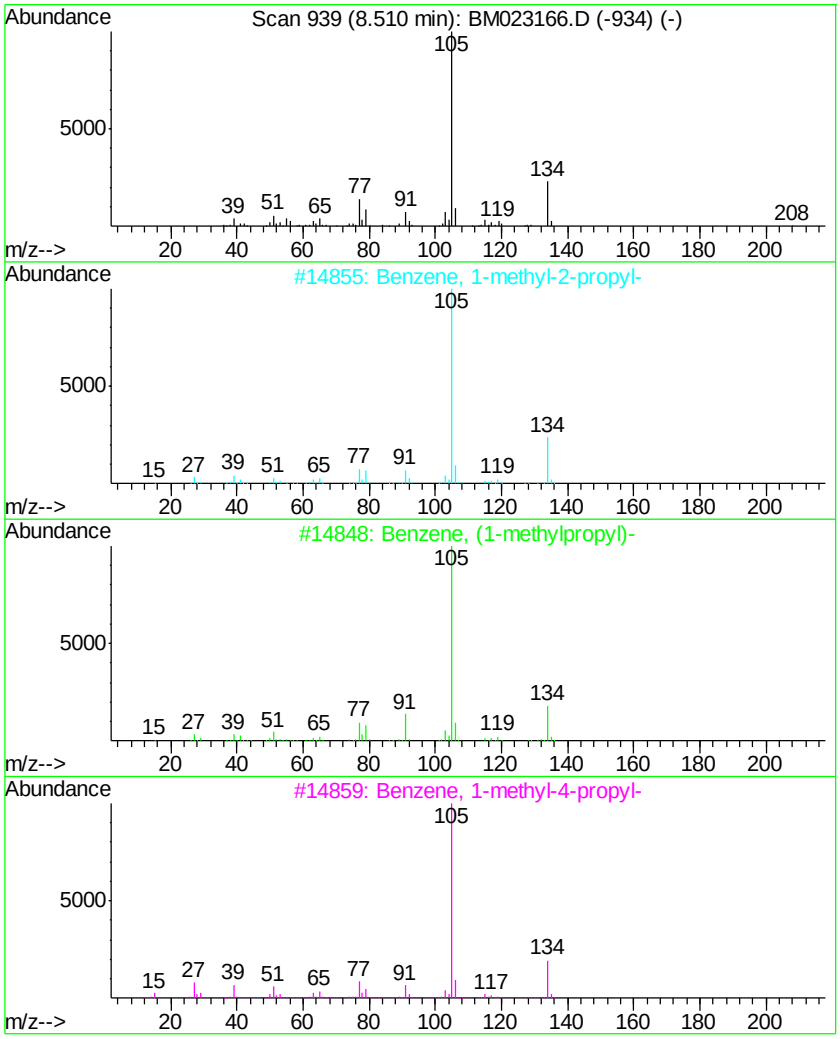
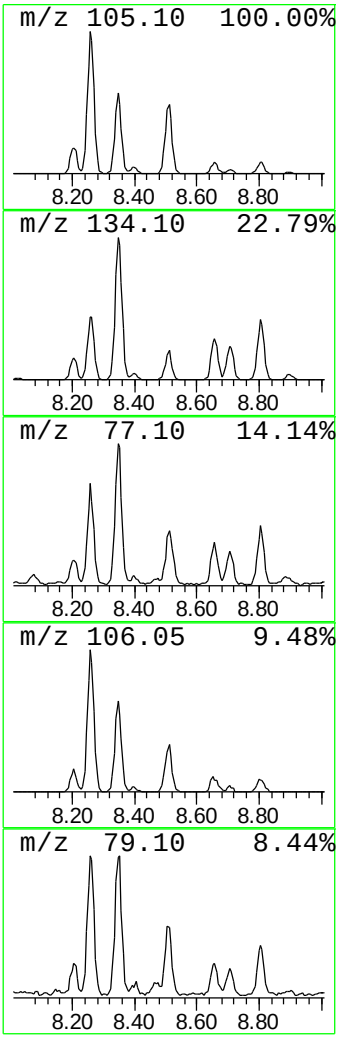
Peak Number 11 Benzene, 1-methyl-2-propyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	3.92 ng/ul	499071	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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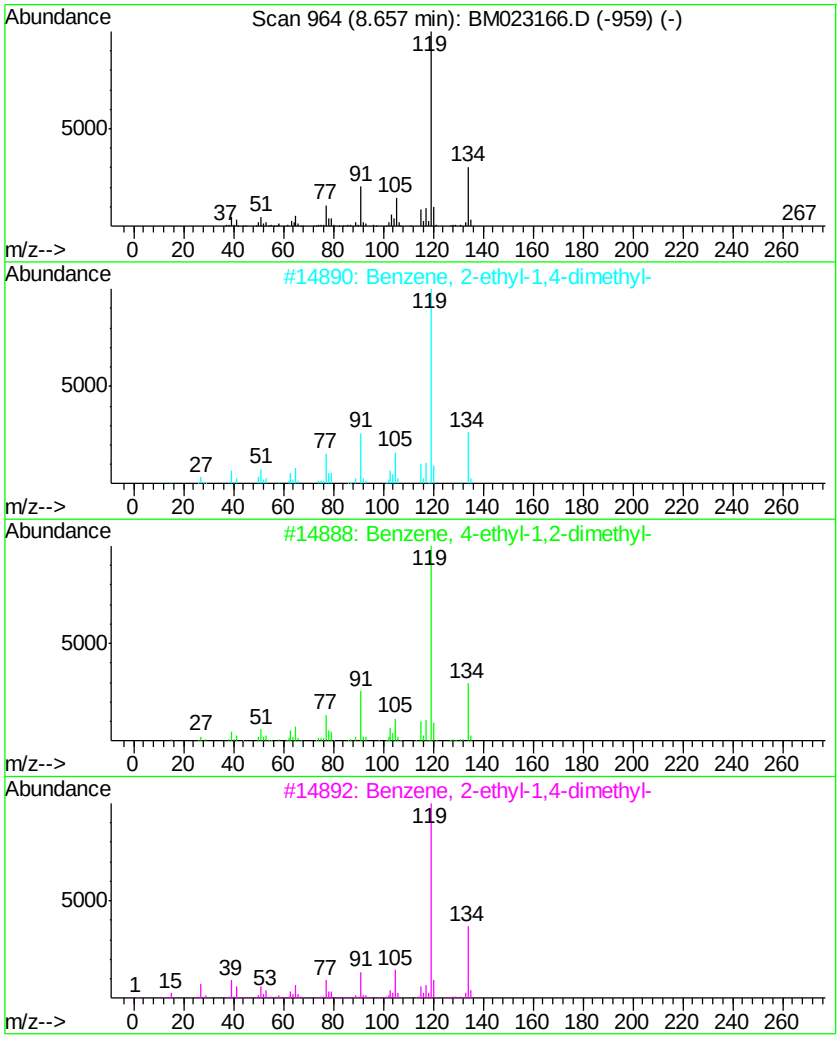
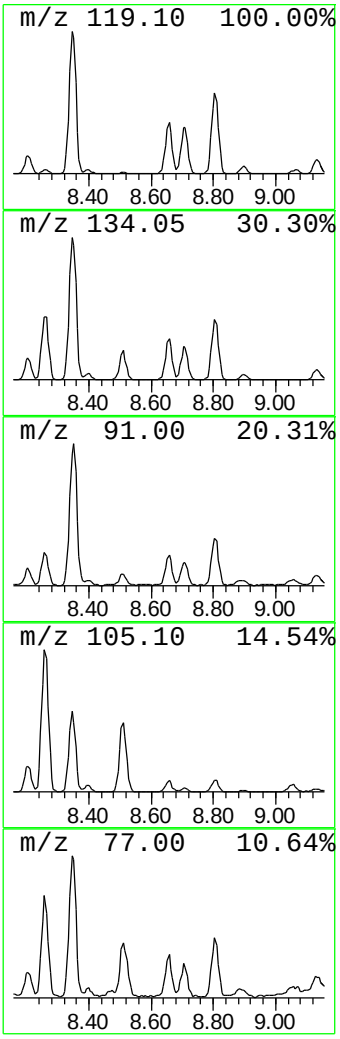
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	3.96 ng/ul	503615	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

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Quant Title : SVOA CALIBRATION

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

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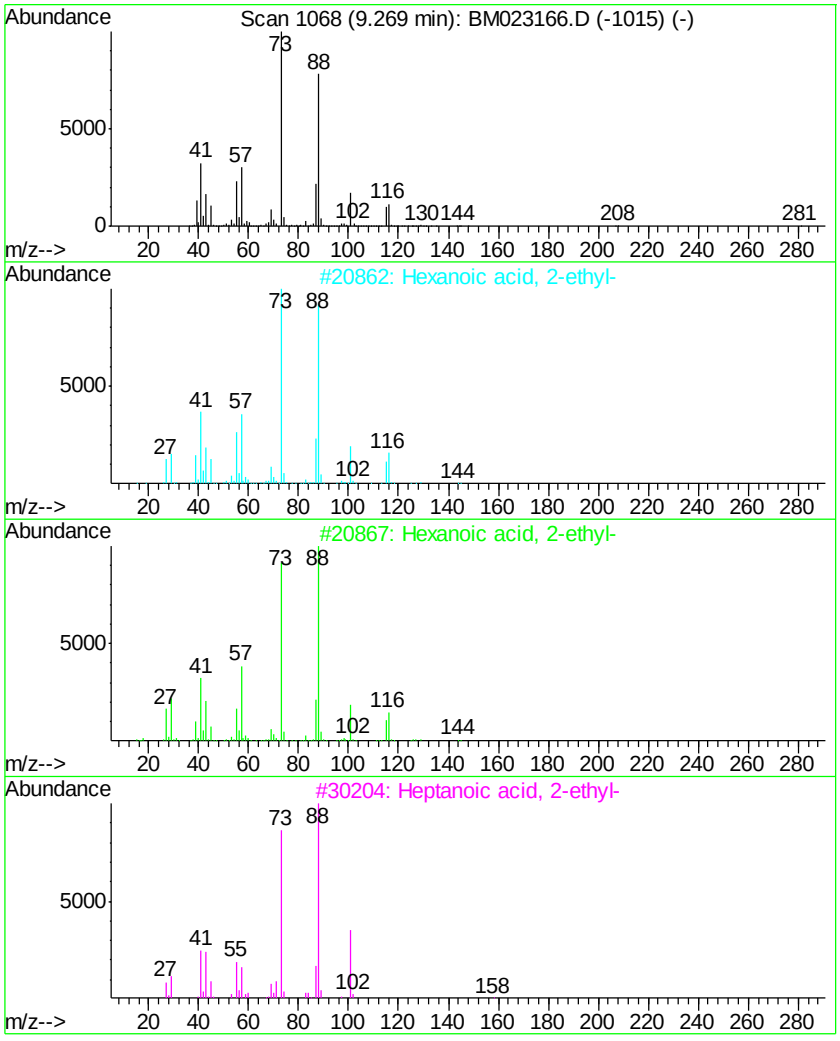
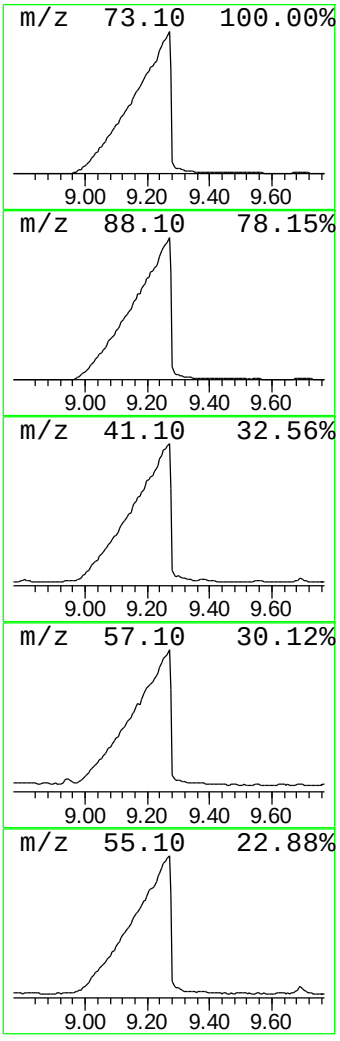
Peak Number 13 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	234.67 ng/ul	45224800	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	43





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : JLM79DL

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Quant Title : SVOA CALIBRATION

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

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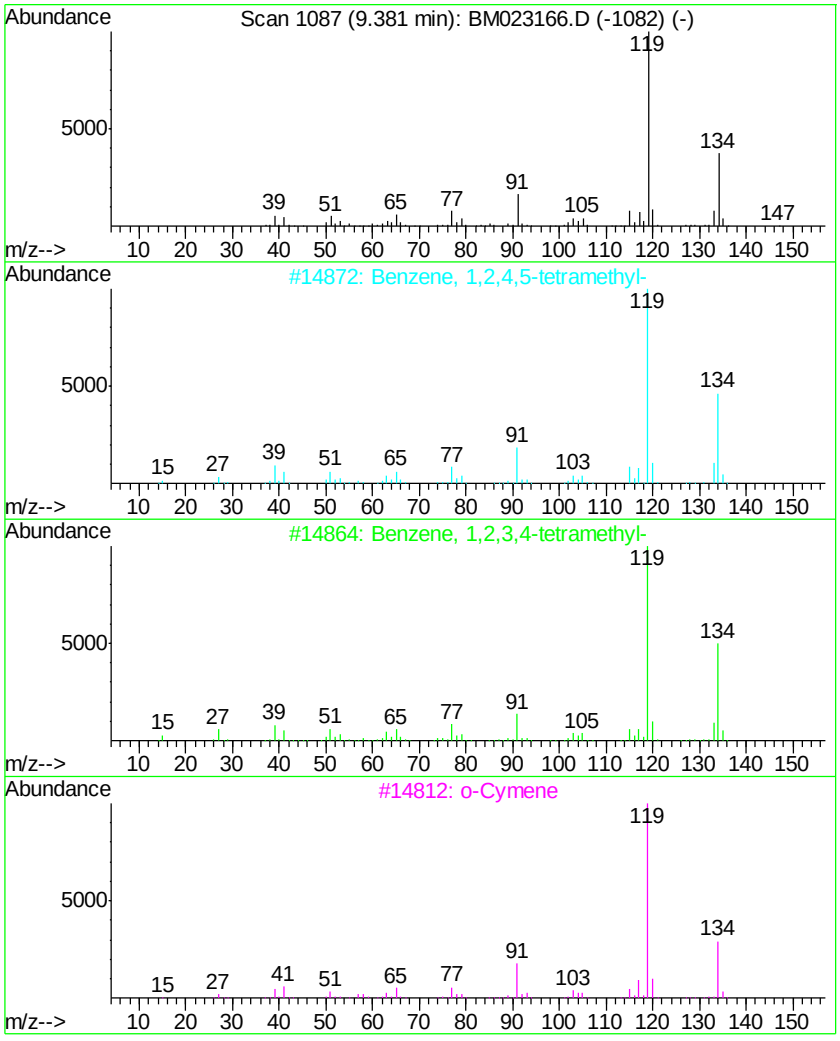
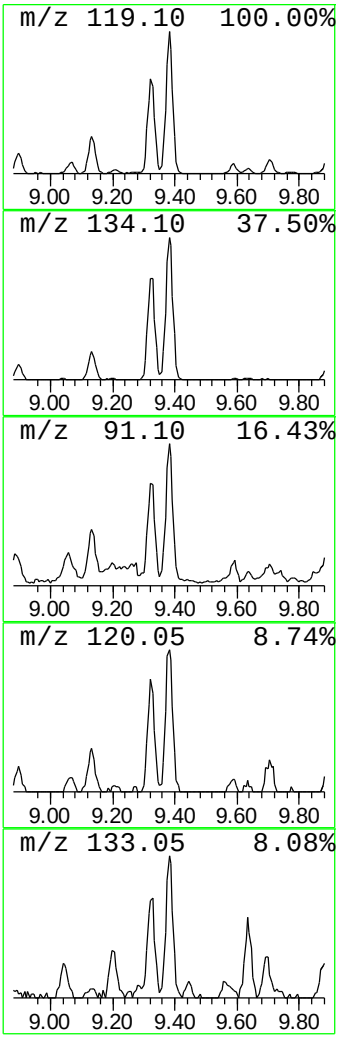
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.90 ng/ul	750688	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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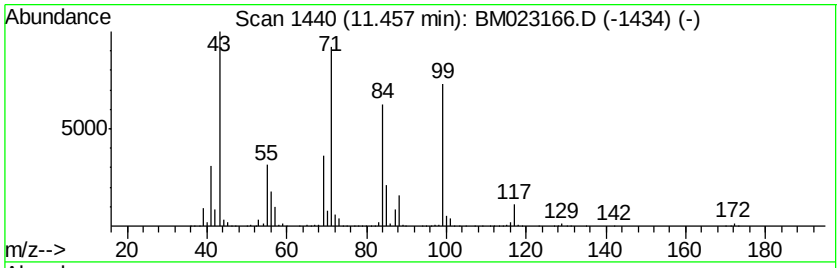
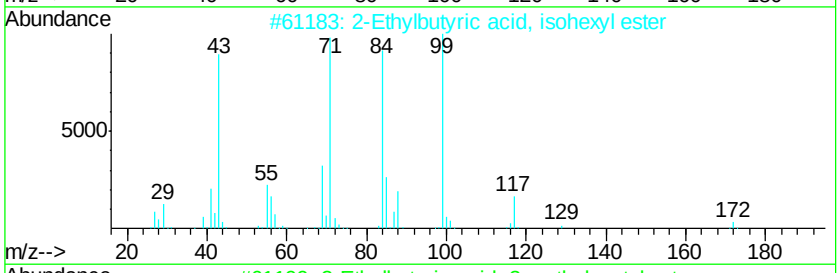
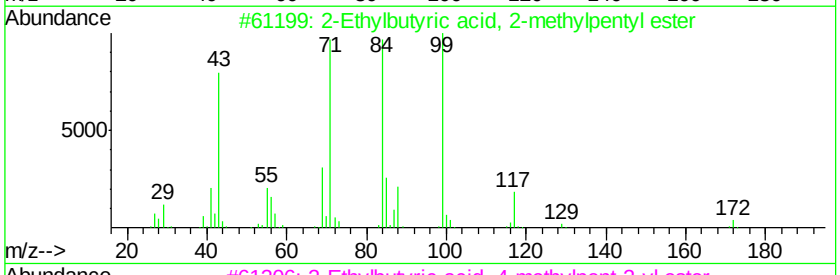
Peak Number 15 2-Ethylbutyric acid, isohex... Concentration Rank 16

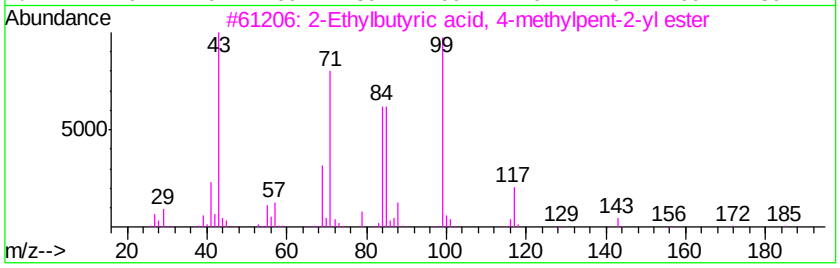
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	25.93 ng/ul	4997720	Naphthalene-d8	10.47

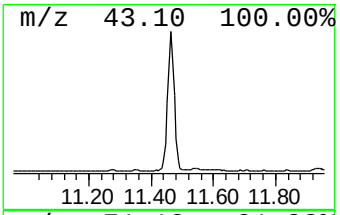
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylbutyric acid, isohexyl ester	200	C12H24O2	1000340-24-0	90
2	2-Ethylbutyric acid, 2-methylpen...	200	C12H24O2	1000369-77-3	83
3	2-Ethylbutyric acid, 4-methylpen...	200	C12H24O2	1000370-50-4	78
4	Ethyl 4-(ethyloxy)-2-oxobut-3-en...	172	C8H12O4	1000305-38-2	52
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	52

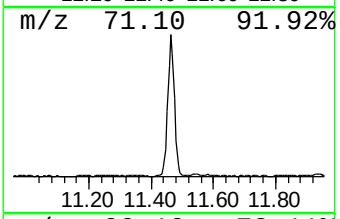


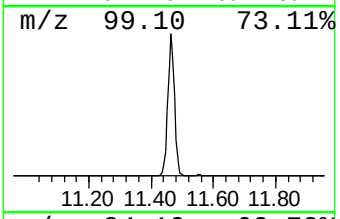


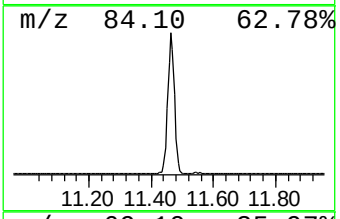


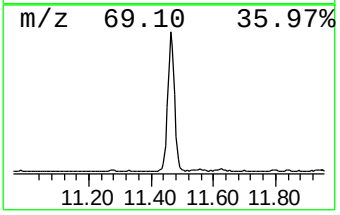












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Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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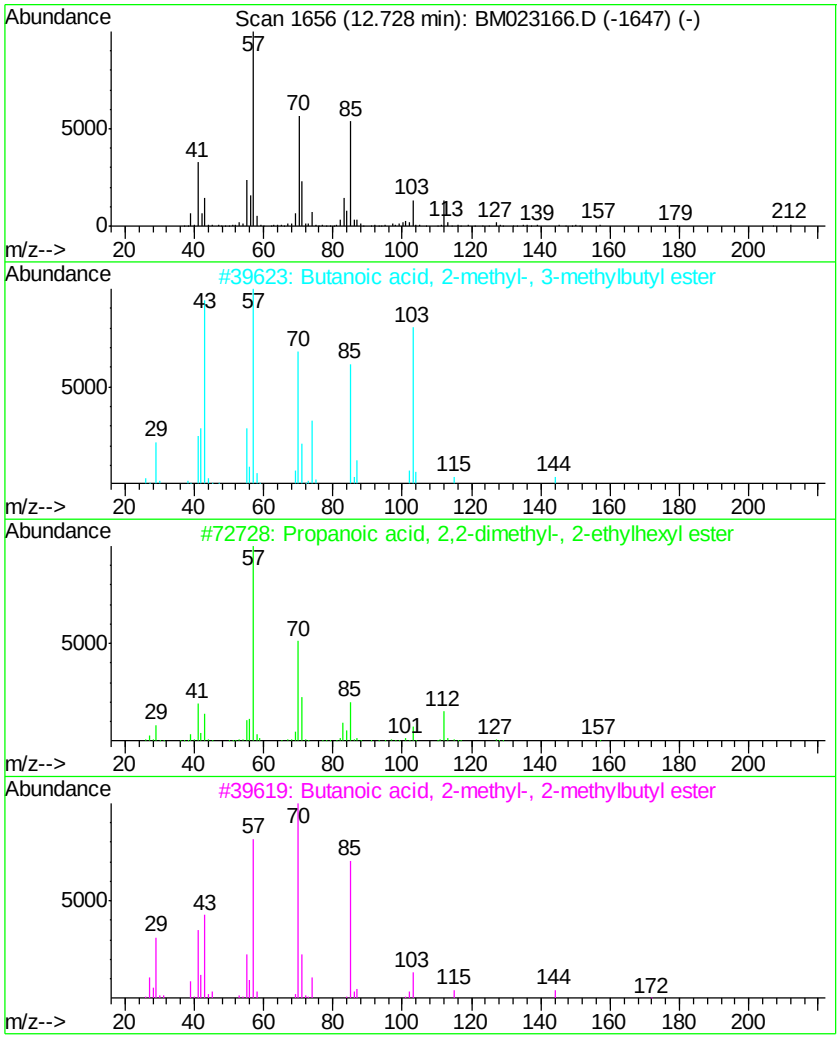
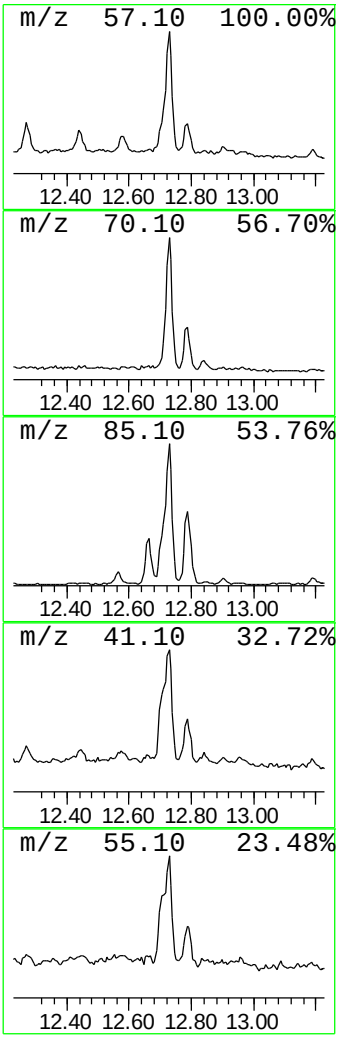
Peak Number 16 Butanoic acid, 2-methyl-, 3... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.17 ng/ul	1202510	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, 3-meth...	172	C10H20O2	027625-35-0	64
2	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	64
3	Butanoic acid, 2-methyl-, 2-meth...	172	C10H20O2	002445-78-5	53
4	Octan-2-yl 2-methylbutanoate	214	C13H26O2	1000372-74-3	53
5	Pentanoic acid, 2-ethylhexyl ester	214	C13H26O2	005451-87-6	50





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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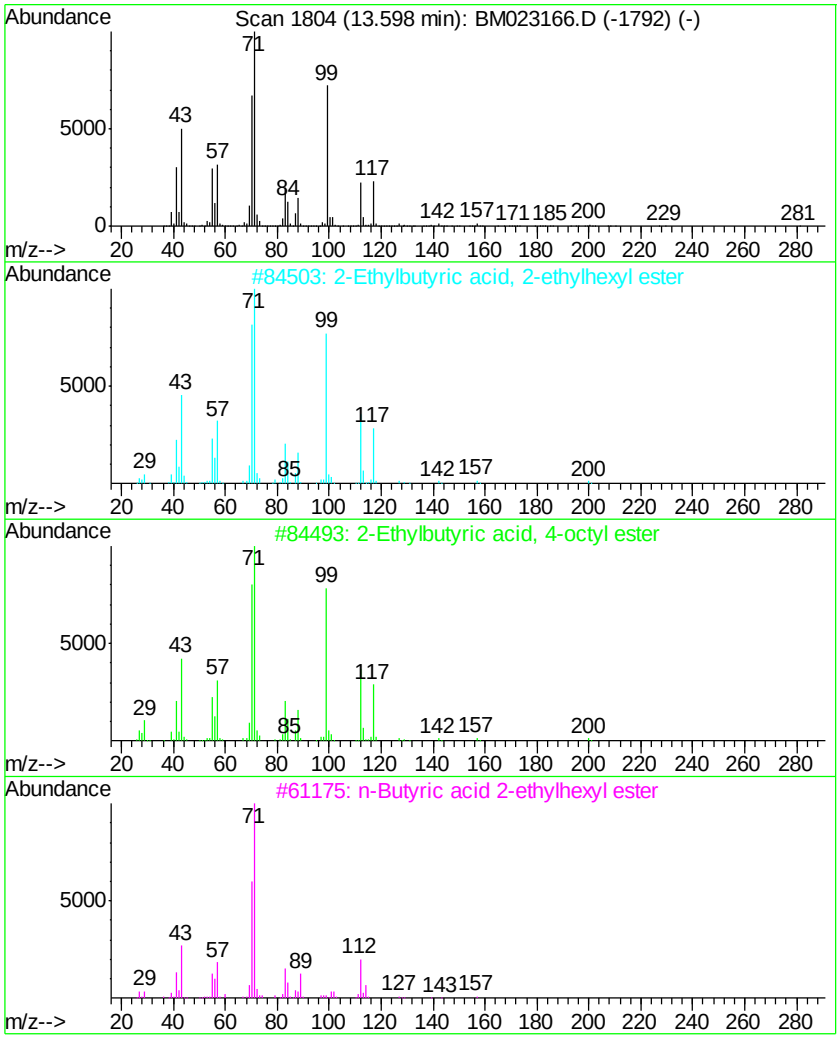
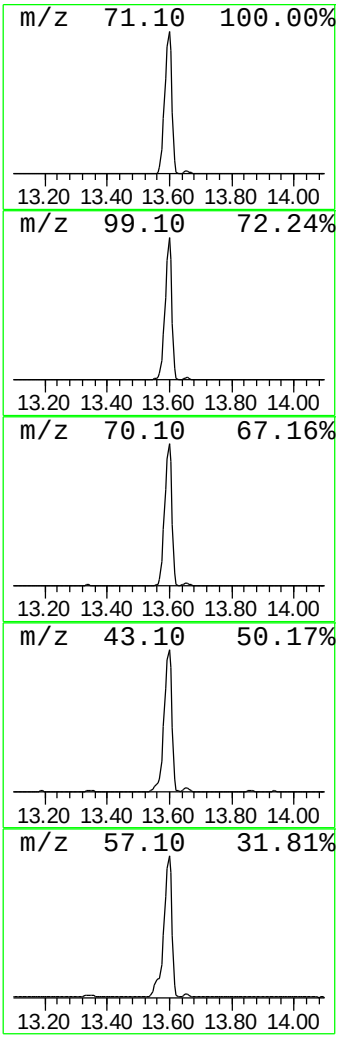
Peak Number 17 2-Ethylbutyric acid, 2-ethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	152.93 ng/ul	58029200	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylbutyric acid, 2-ethylhexy...	228	C14H28O2	1000369-63-4	86
2	2-Ethylbutyric acid, 4-octyl ester	228	C14H28O2	1000369-51-1	72
3	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	58
4	2-Methylvaleric acid, 2-ethylhex...	228	C14H28O2	1000357-75-9	47
5	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	47





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Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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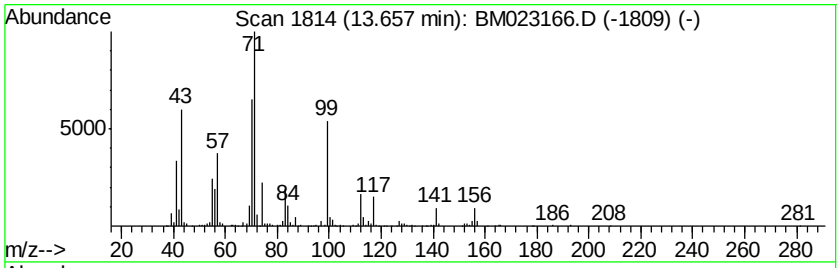
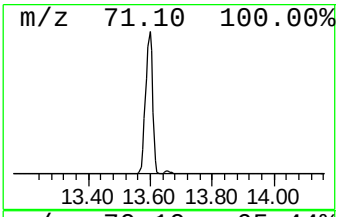
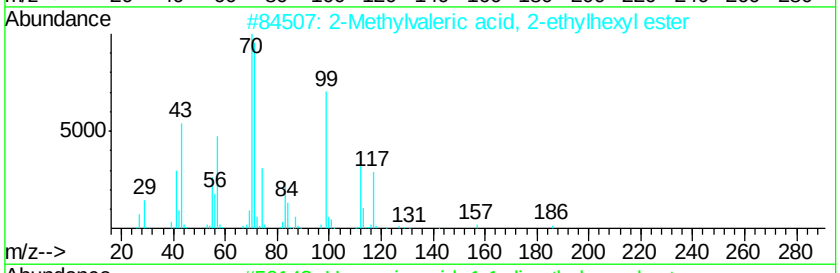
Peak Number 18 2-Methylvaleric acid, 2-eth... Concentration Rank 56

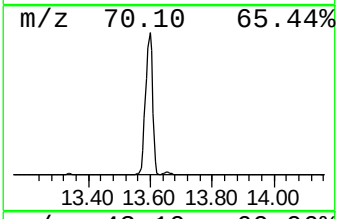
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.53 ng/ul	959641	Acenaphthene-d10	14.33

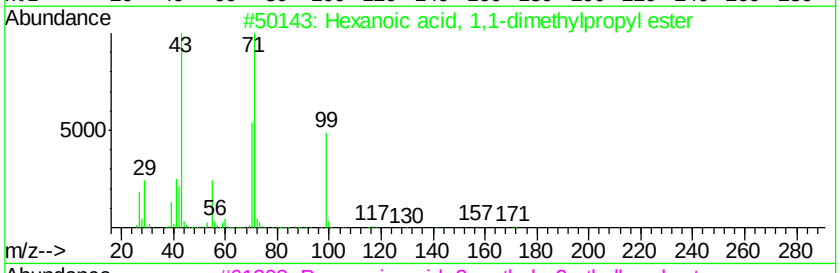
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylvaleric acid, 2-ethylhex...	228	C14H28O2	1000357-75-9	64
2	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	47
3	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	47
4	2-Ethylbutyric acid, 2-nitrophen...	237	C12H15NO4	1000369-86-5	38
5	4-Nonanone	142	C9H18O	004485-09-0	35

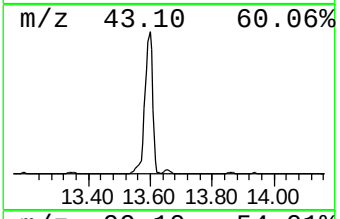


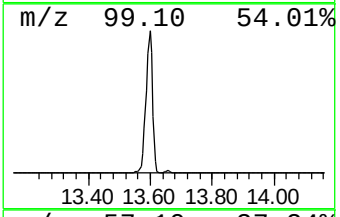


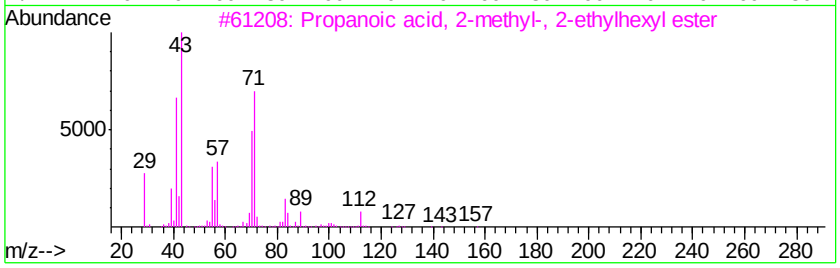


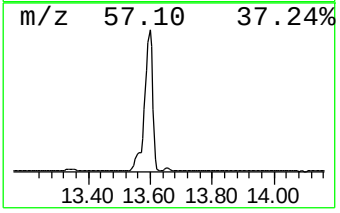












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

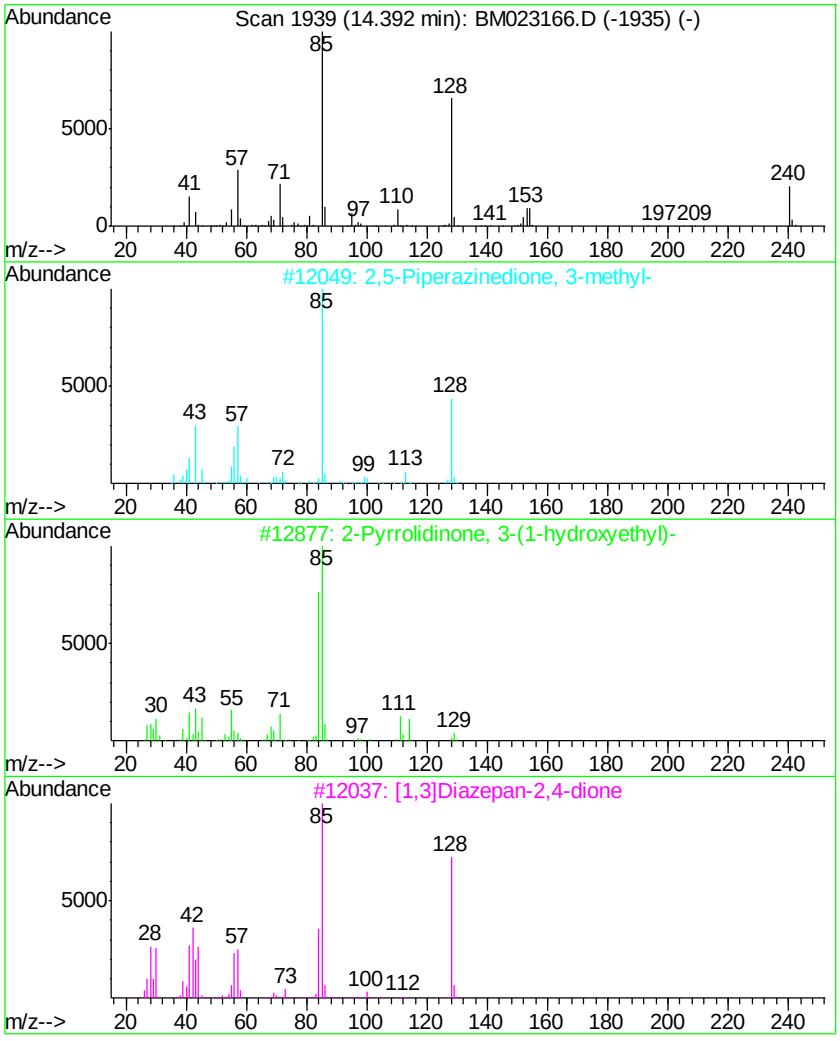
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

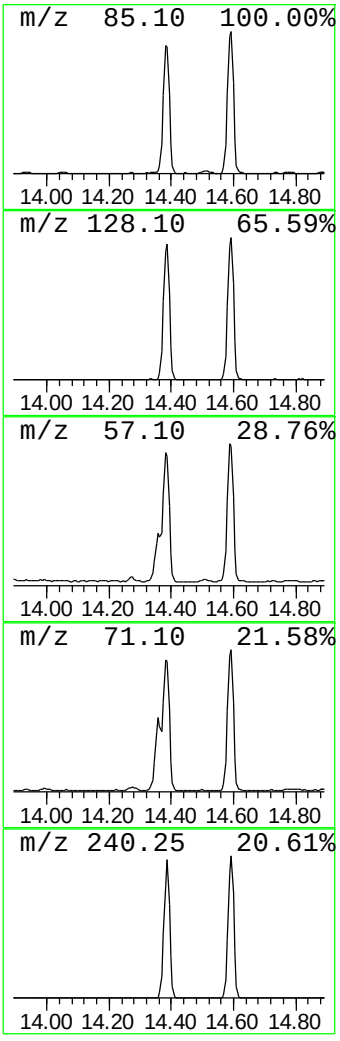
****

Peak Number 19 2,5-Piperazinedione, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	9.89 ng/ul	3754710	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Piperazinedione, 3-methyl-	128	C5H8N2O2	1000250-24-6	53
2	2-Pyrrolidinone, 3-(1-hydroxyeth...	129	C6H11NO2	031536-39-7	46
3	[1,3]Diazepan-2,4-dione	128	C5H8N2O2	075548-99-1	42
4	Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	32
5	n-Decanol tetrahydropyran ether	242	C15H30O2	110477-35-5	32





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Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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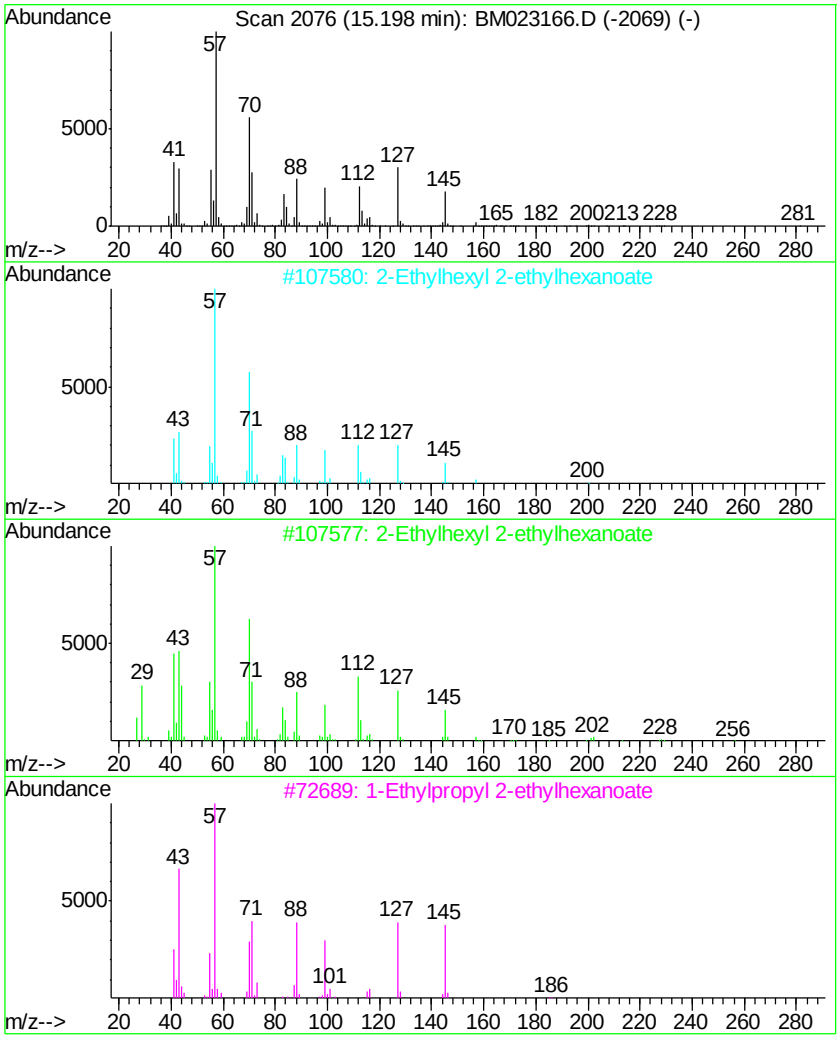
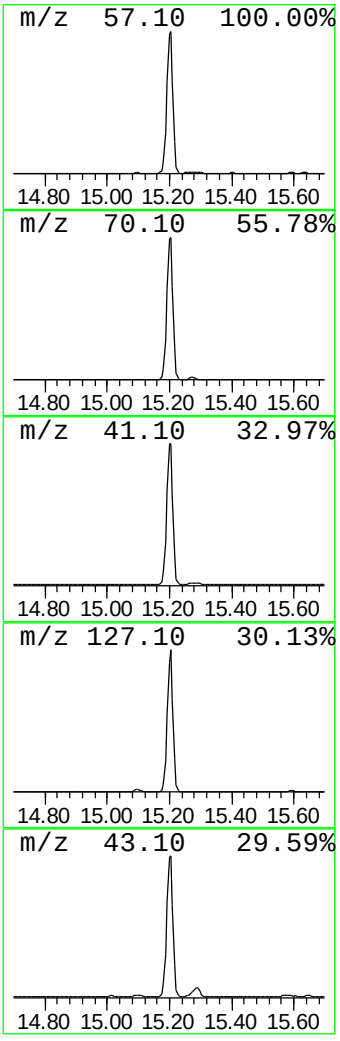
Peak Number 21 2-Ethylhexyl 2-ethylhexanoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	61.61 ng/ul	23377300	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	68
2	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	64
3	1-Ethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-98-7	53
4	2-Methylbutyl 2-ethylhexanoate	214	C13H26O2	1000099-98-8	47
5	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	47





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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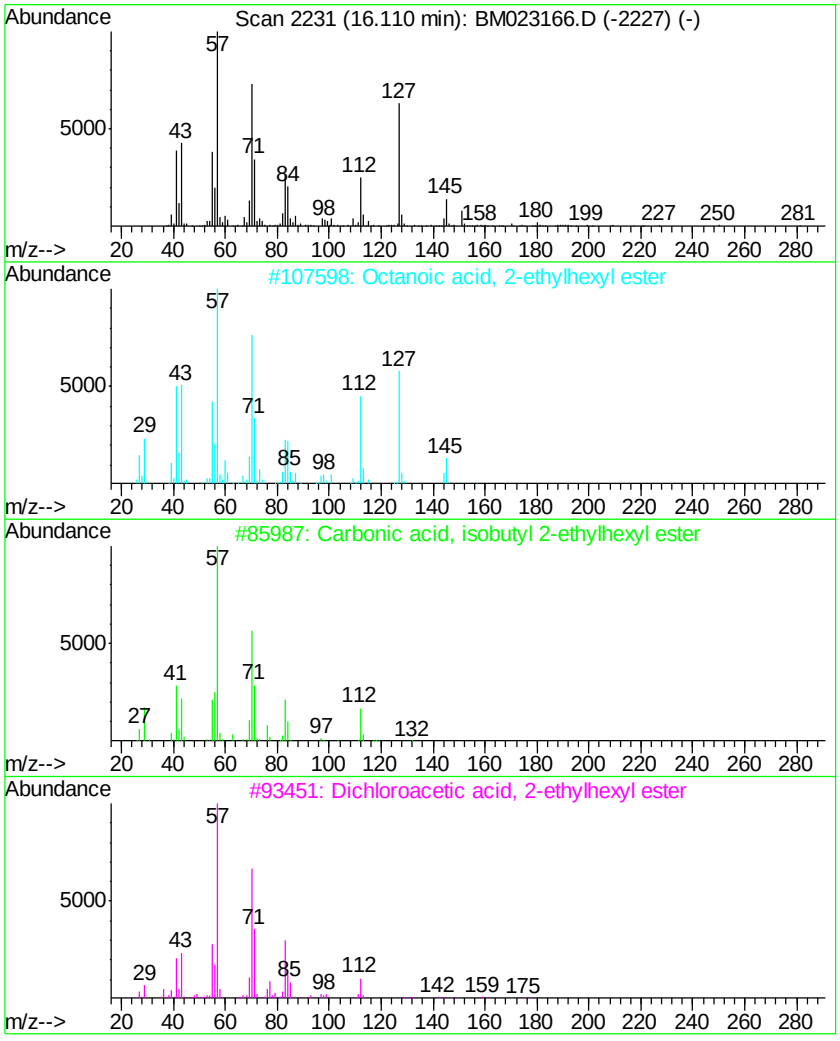
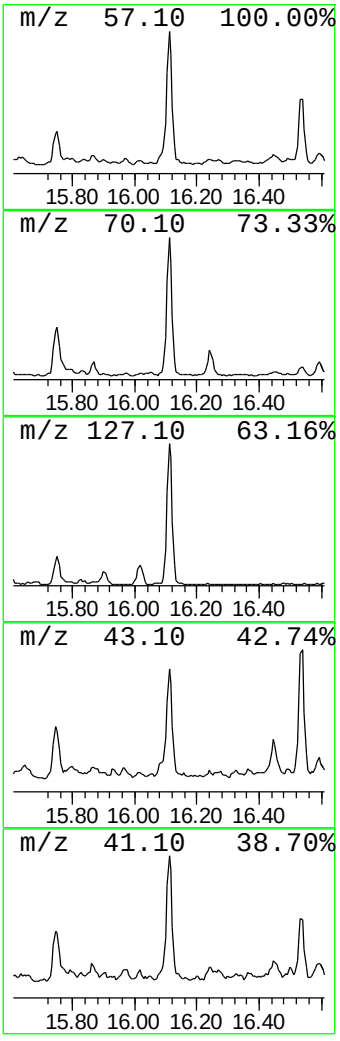
Peak Number 22 Octanoic acid, 2-ethylhexyl... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	3.69 ng/ul	1082480	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 2-ethylhexyl ester	256	C16H32O2	063321-70-0	78
2	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59
3	Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	53
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49
5	5-Chloropentanoic acid, 2-ethylh...	248	C13H25ClO2	1000293-48-9	38





Library Search Compound Report

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Acq On : 15 Oct 2019 14:59
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Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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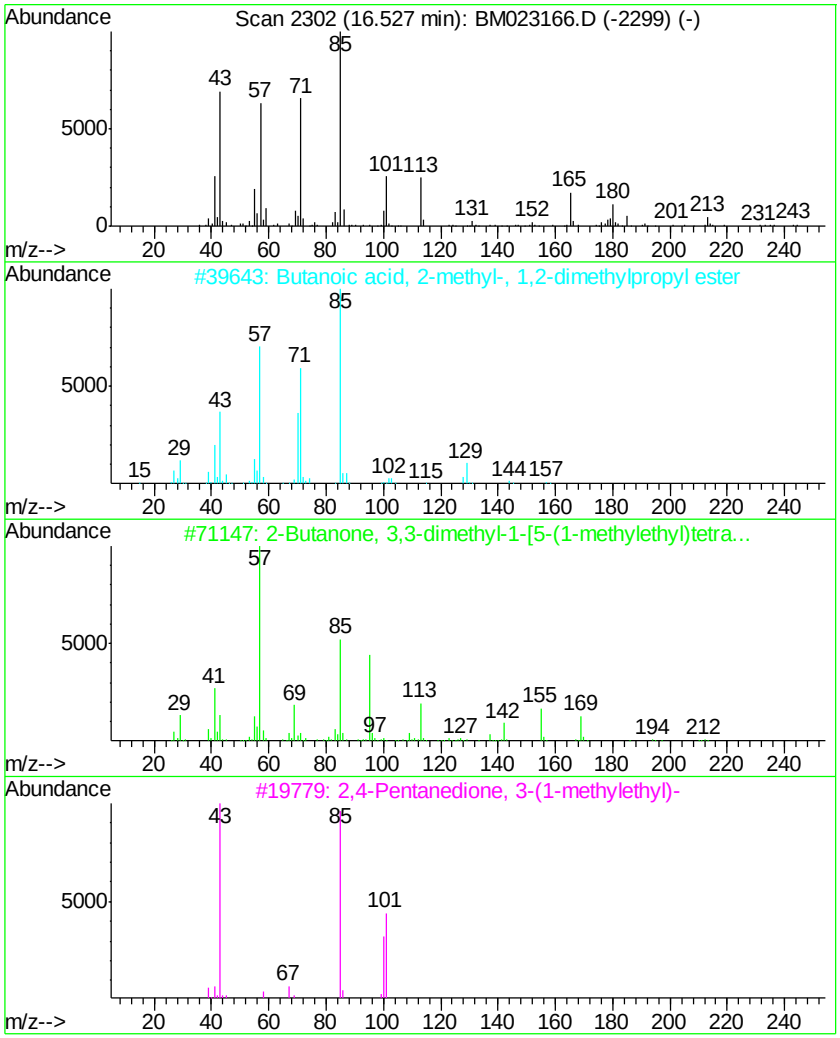
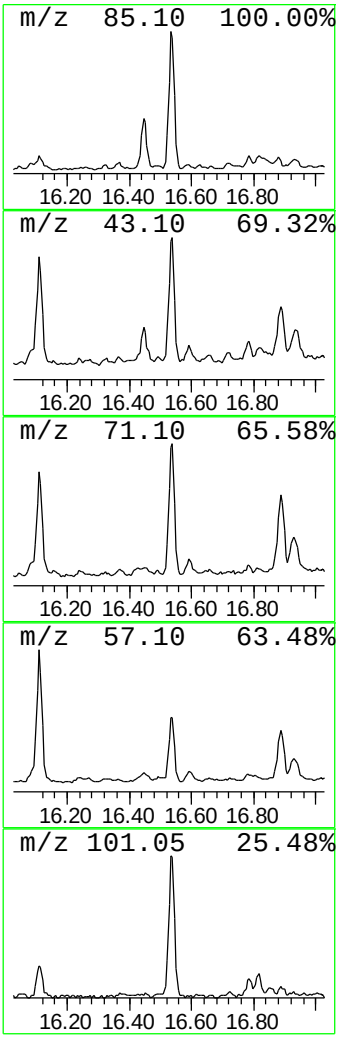
Peak Number 23 unknown-02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.56 ng/ul	750241	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, 1,2-di...	172	C10H20O2	084696-83-3	47
2	2-Butanone, 3,3-dimethyl-1-[5-(1...	212	C13H24O2	083041-29-6	38
3	2,4-Pentanedione, 3-(1-methyleth...	142	C8H14O2	001540-38-1	38
4	1,2-Cyclopropanedicarboxylic aci...	130	C5H6O4	000696-74-2	35
5	4-Methyl-4-(tetrahydropyran-2-yl...	214	C11H18O4	118006-75-0	35





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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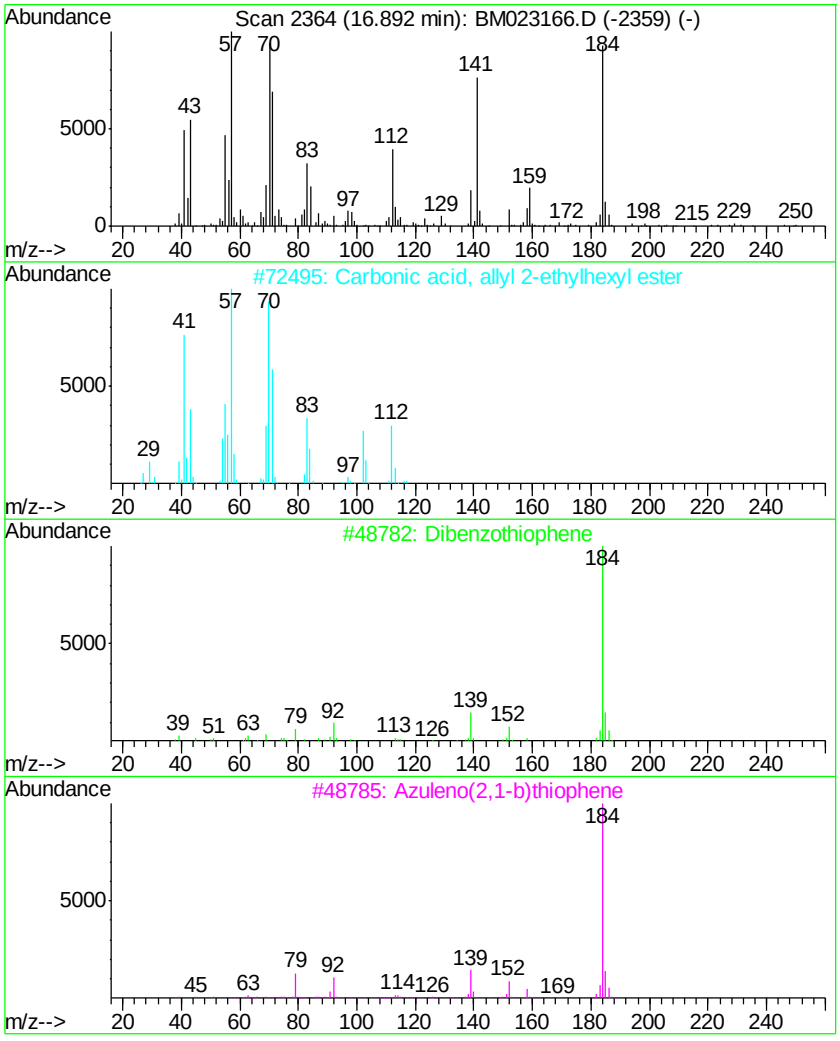
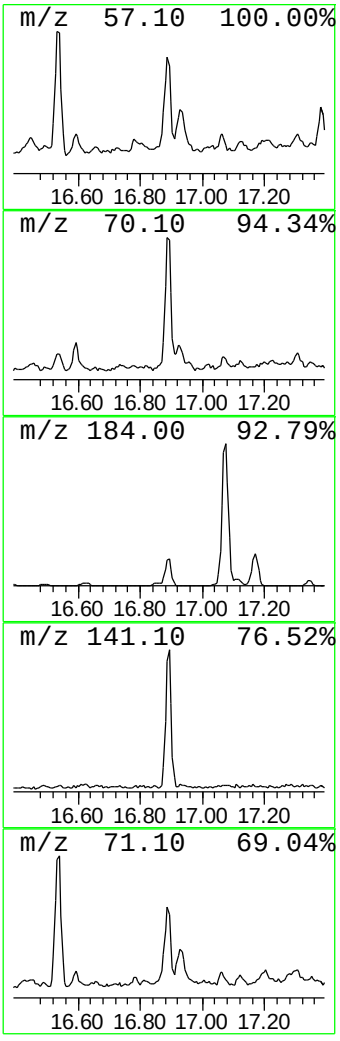
Peak Number 24 unknown-03 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.28 ng/ul	667948	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, allyl 2-ethylhexy...	214	C12H22O3	1000357-80-6	43
2	Dibenzothiophene	184	C12H8S	000132-65-0	38
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	38
4	Dibenzothiophene	184	C12H8S	000132-65-0	38
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	38





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Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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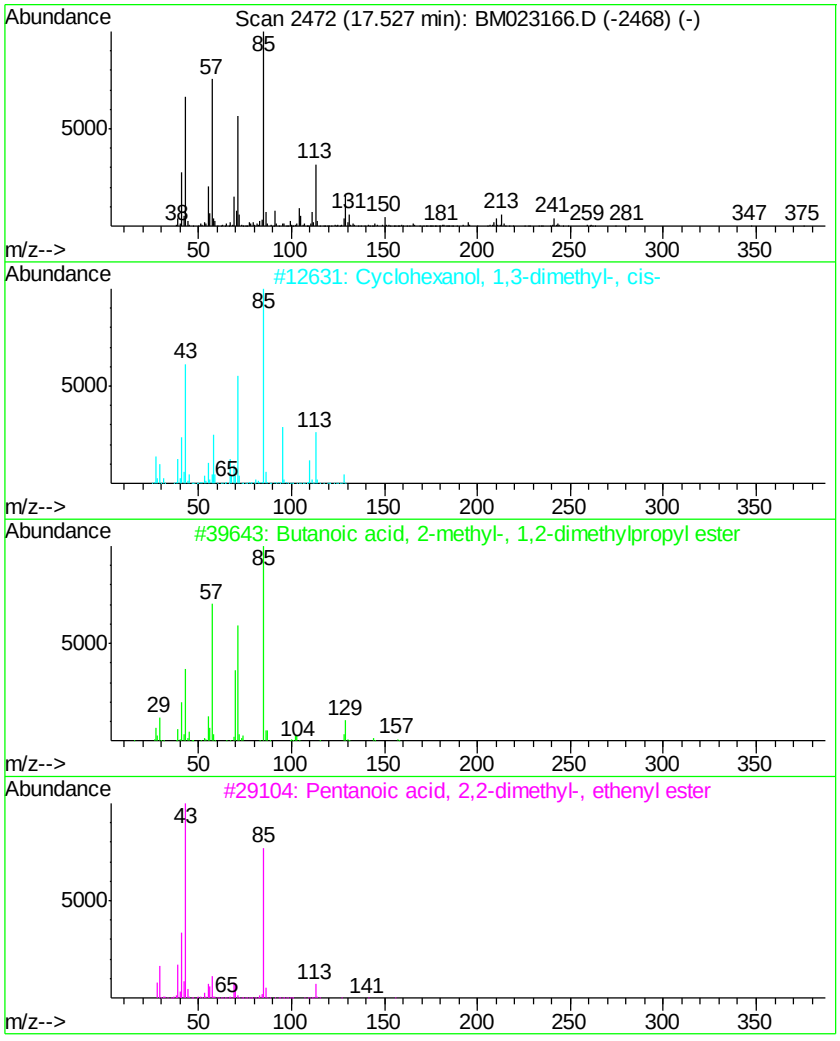
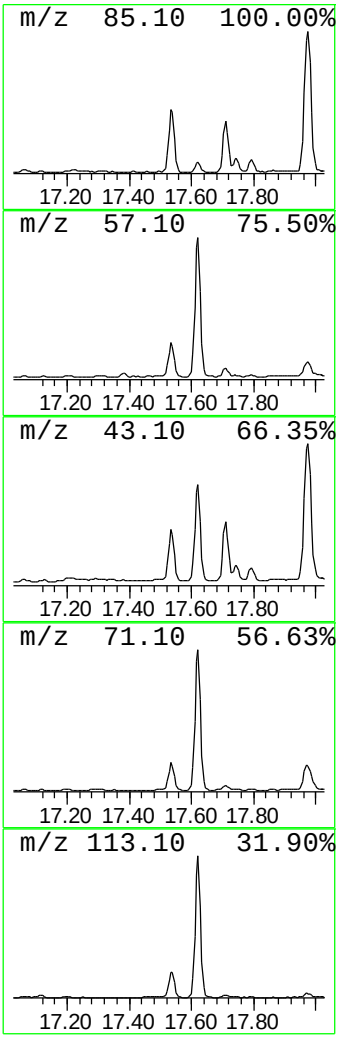
Peak Number 25 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	6.03 ng/ul	1766640	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	72
2	Butanoic acid, 2-methyl-, 1,2-di...	172	C10H20O2	084696-83-3	59
3	Pentanoic acid, 2,2-dimethyl-, e...	156	C9H16O2	044970-05-0	43
4	DL-3-Aminoisobutyric acid, N-dim...	186	C9H18N2O2	1000375-50-2	43
5	Ethane-1,2-diyl bis(2-methylbuta...	230	C12H22O4	1000366-97-7	43





Library Search Compound Report

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Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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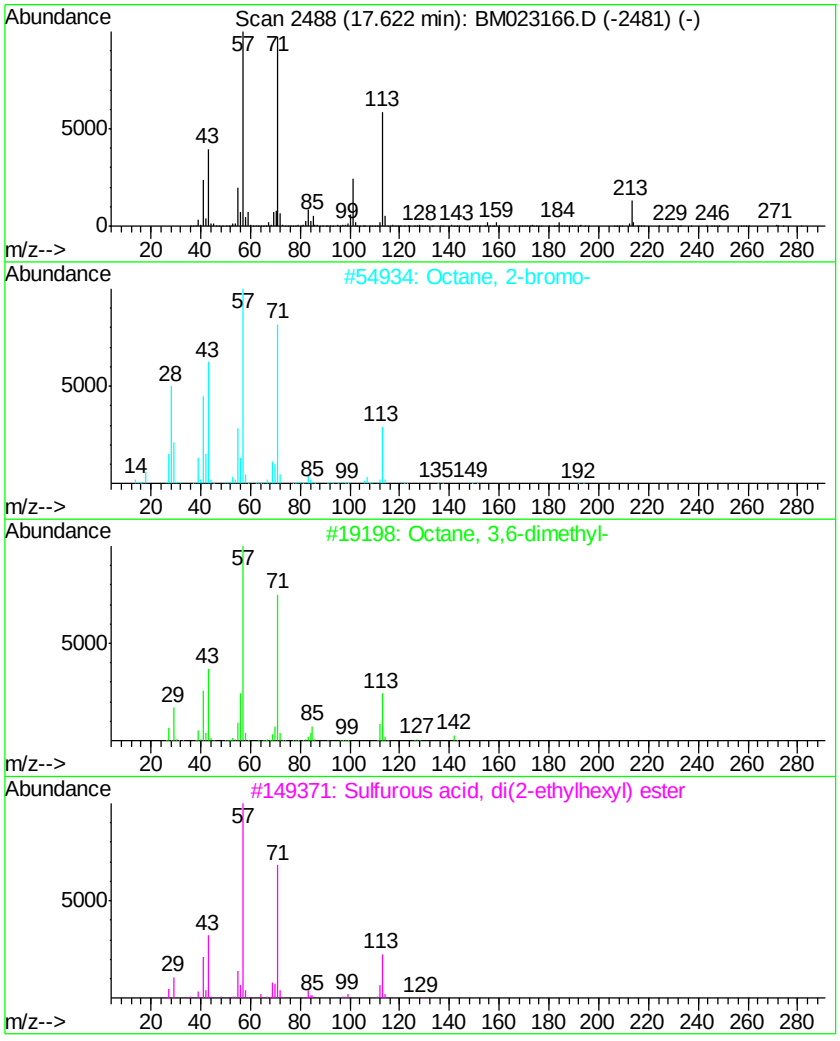
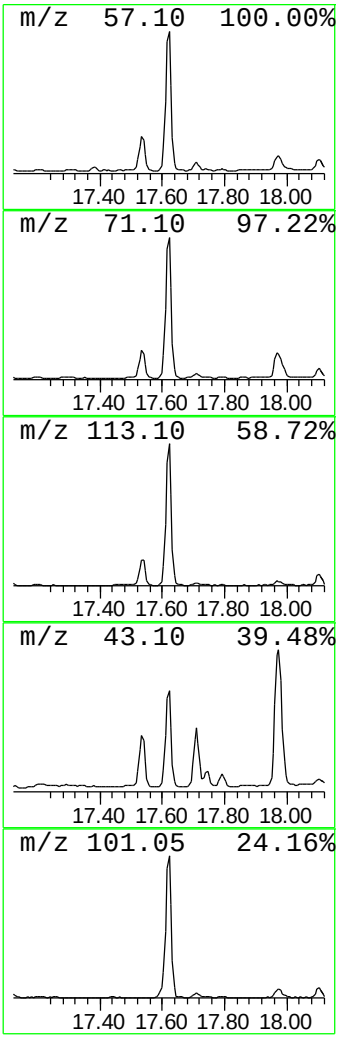
Peak Number 26 Octane, 2-bromo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	16.10 ng/ul	4719480	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
4	Oxalic acid, dodecyl neopentyl e...	328	C19H36O4	1000309-73-6	47
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	43





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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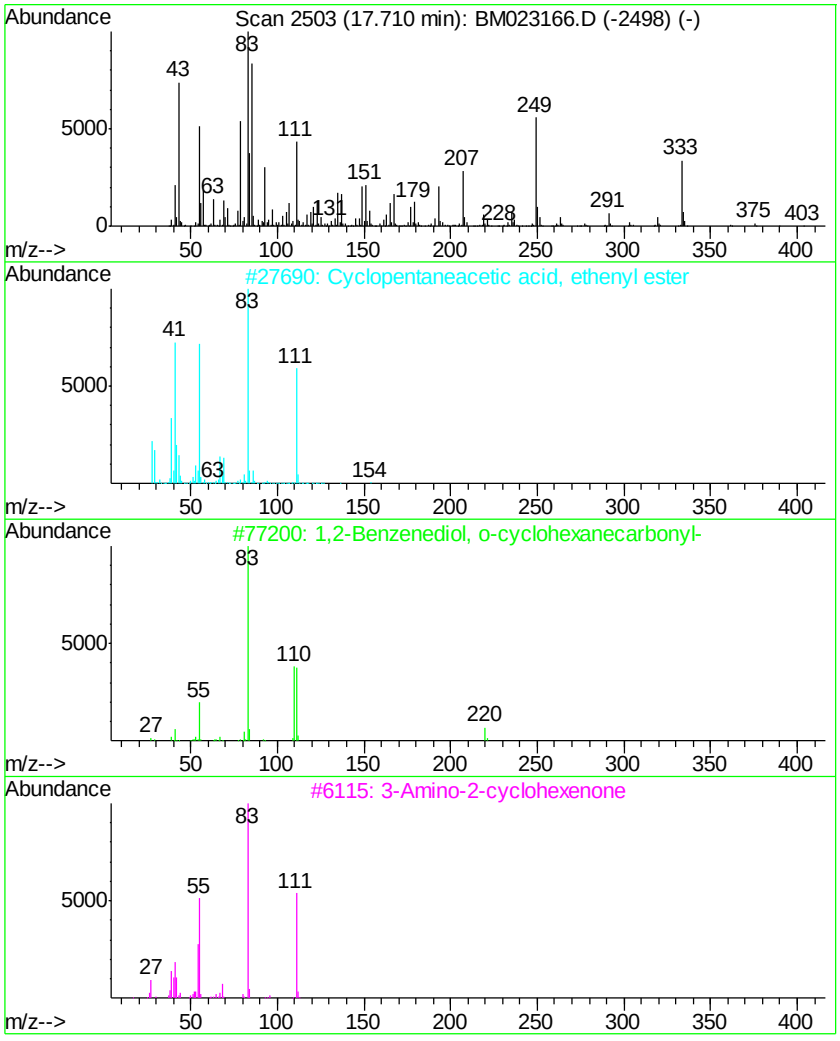
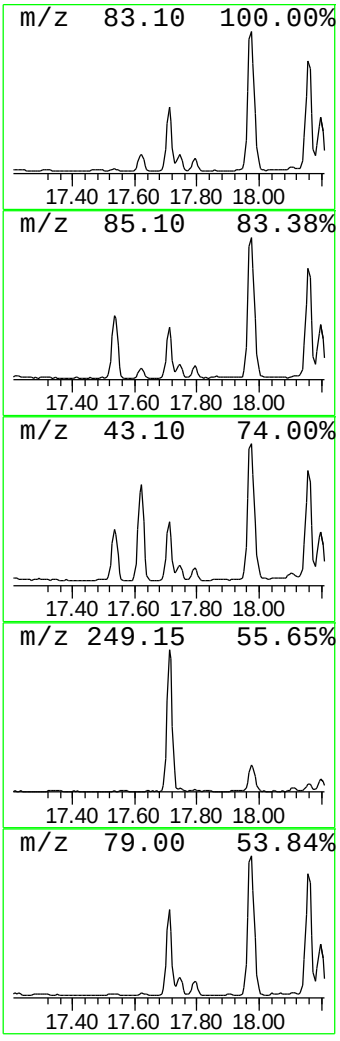
Peak Number 27 unknown-04 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	11.94 ng/ul	3498960	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	22
2	1,2-Benzenediol, o-cyclohexaneca...	220	C13H16O3	1000325-85-8	22
3	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	22
4	Cyclohexanecarboxylic acid, 2,2-...	198	C12H22O2	1000279-85-6	22
5	1,2-Benzenediol, o-chloroacetyl-...	296	C15H17ClO4	1000325-85-3	22





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

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Quant Title : SVOA CALIBRATION

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

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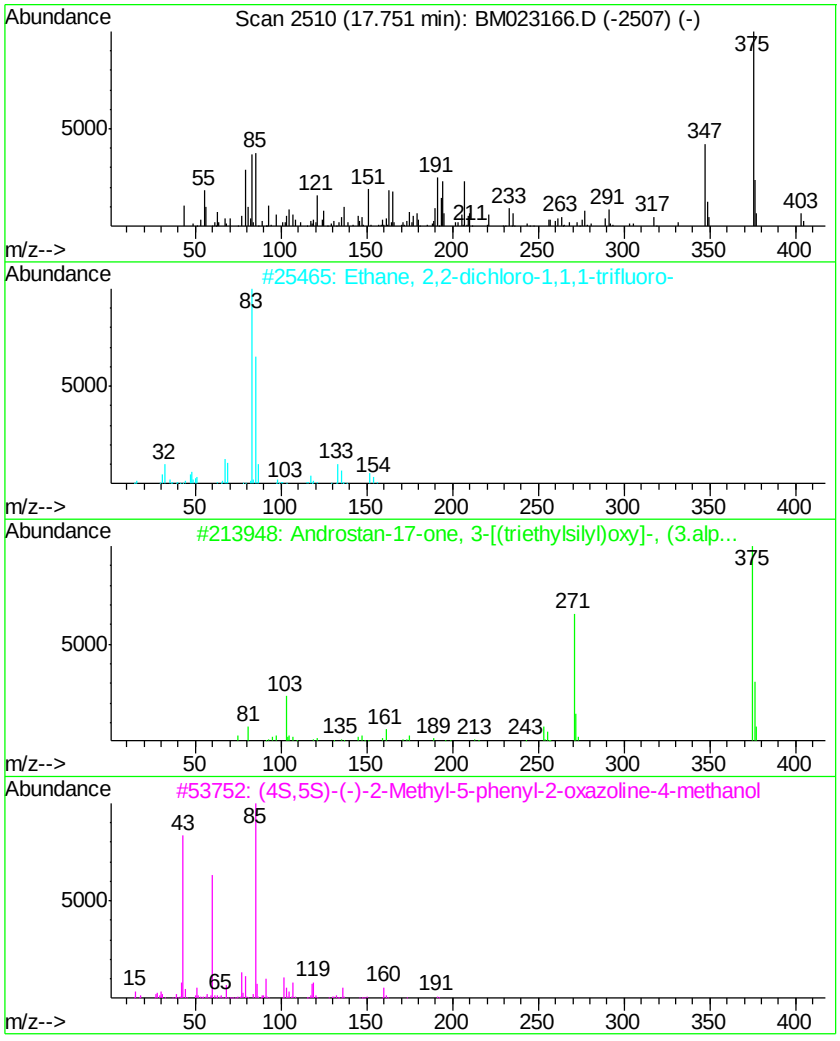
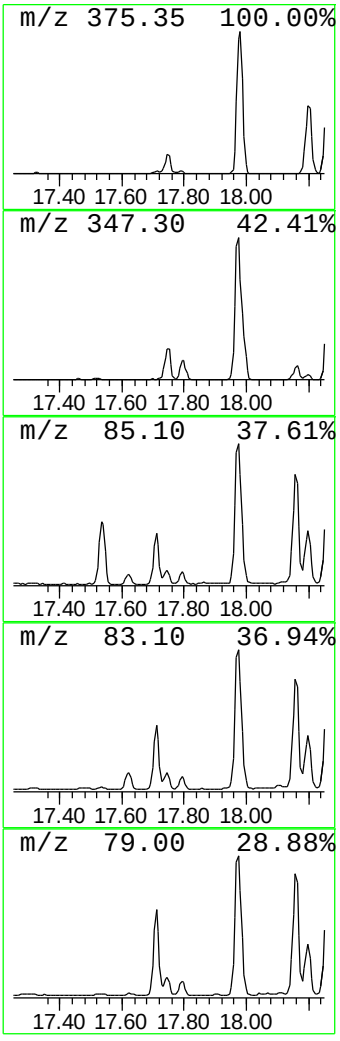
Peak Number 28 unknown-05 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.42 ng/ul	709988	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	32
2	Androstan-17-one, 3-[(triethylsi...	404	C25H44O2Si	065598-66-5	10
3	(4S,5S)-(-)-2-Methyl-5-phenyl-2-...	191	C11H13NO2	053732-41-5	10
4	[1,2,4]Oxadiazole, 5-(3,4-dietho...	375	C22H21N3O3	1000311-10-6	10
5	Furfuryl alcohol, tetrahydro-5-m...	116	C6H12O2	016015-08-0	10





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Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

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Quant Title : SVOA CALIBRATION

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

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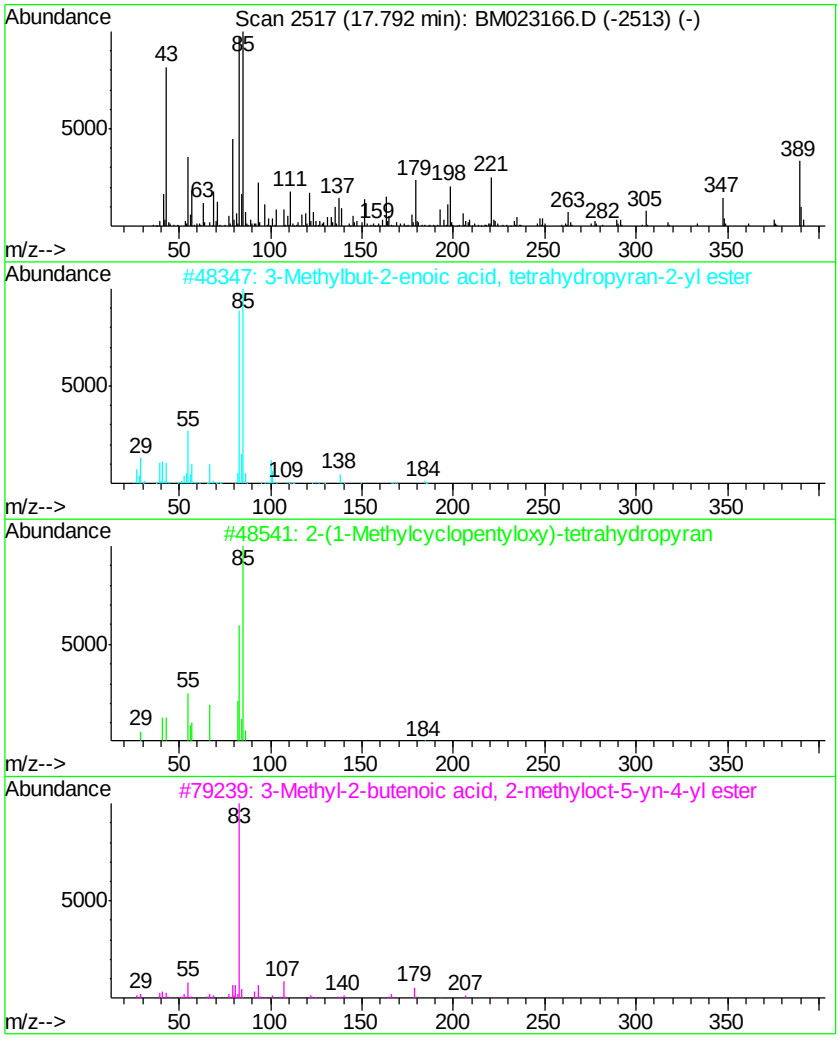
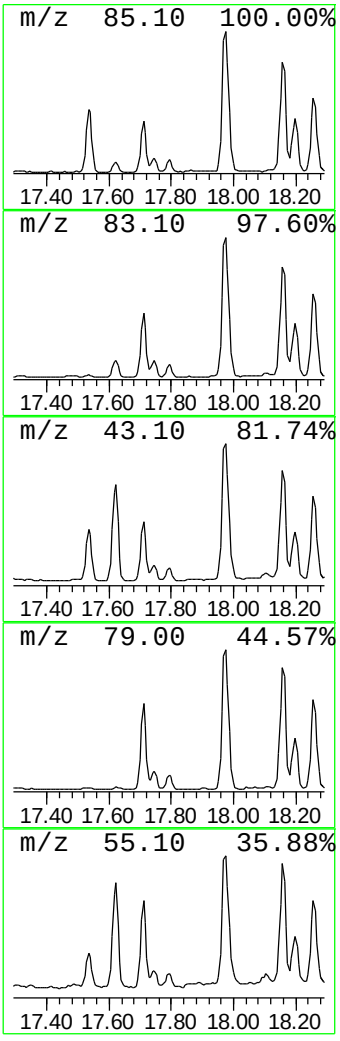
Peak Number 29 unknown-06 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.60 ng/ul	762974	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbut-2-enoic acid, tetrah...	184	C10H16O3	1000187-32-6	43
2	2-(1-Methylcyclopentyloxy)-tetra...	184	C11H20O2	122685-21-6	27
3	3-Methyl-2-butenoic acid, 2-meth...	222	C14H22O2	1000299-31-3	22
4	Sulfurous acid, hexyl undecyl ester	320	C17H36O3S	1000309-13-3	14
5	Neronine, 4.beta.,5-dihydro-	347	C18H21NO6	019483-30-8	14





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Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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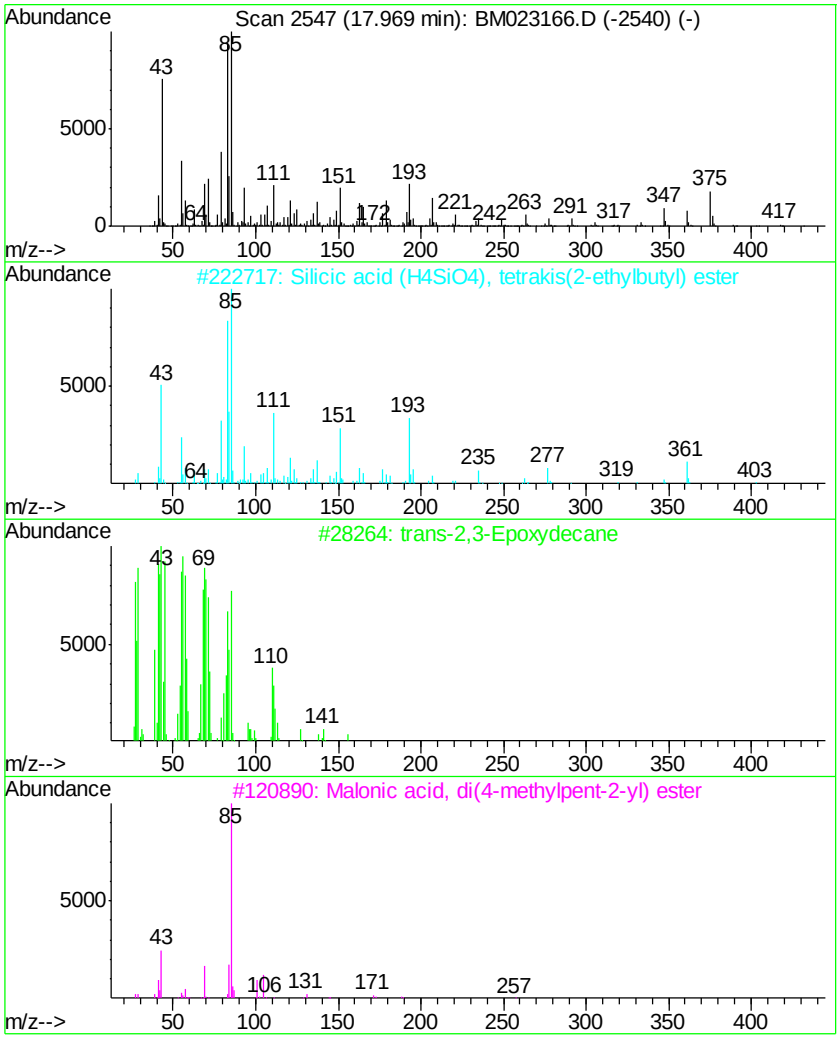
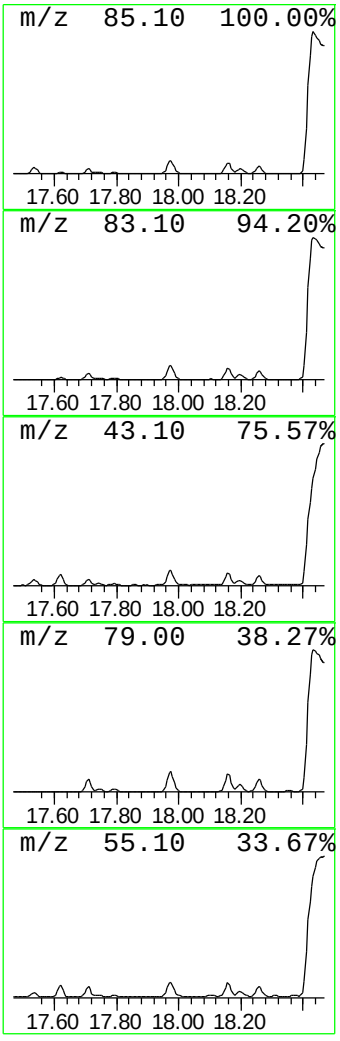
Peak Number 30 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	32.38 ng/ul	9489560	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silicic acid (H4SiO4), tetrakis(...	432	C24H52O4Si	000078-13-7	43
2	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	40
3	Malonic acid, di(4-methylpent-2-...	272	C15H28O4	1000349-34-6	22
4	2-(2-Isopropenyl-5-methylcyclope...	238	C15H26O2	1000194-46-9	20
5	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	18





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Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

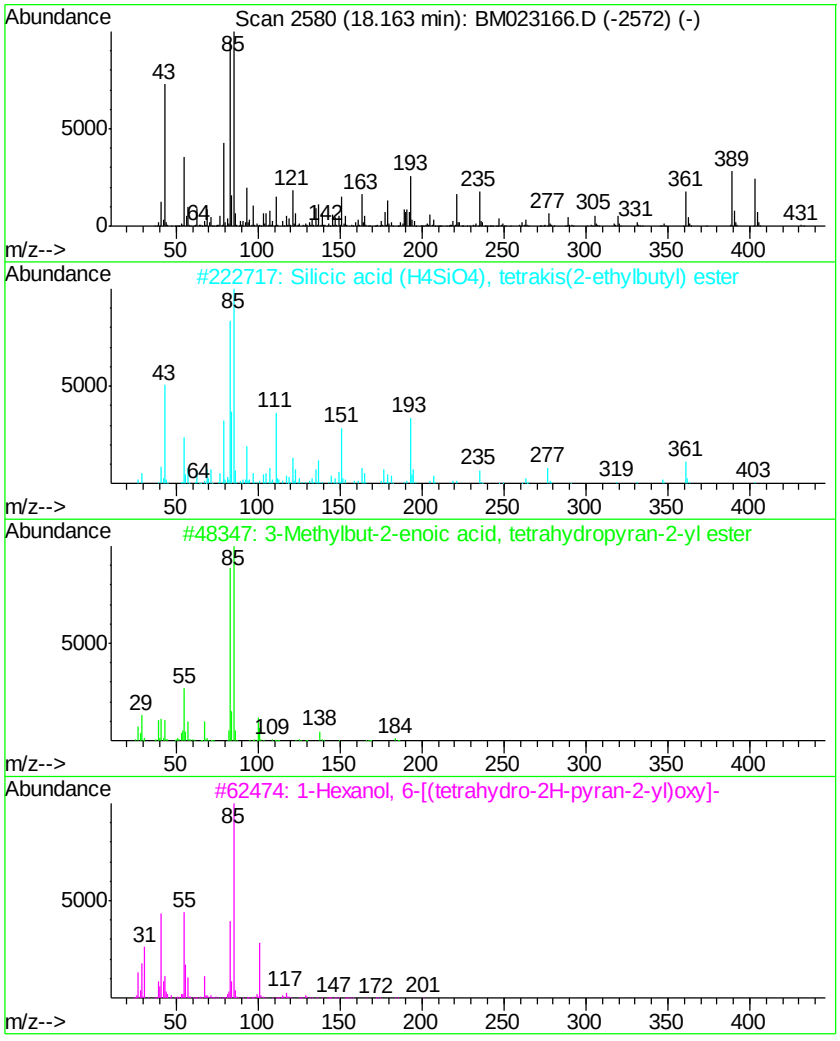
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

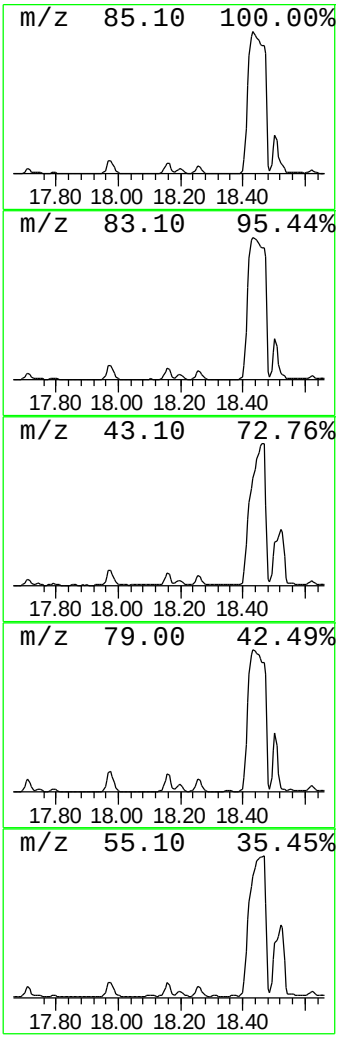
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Silicic acid (H4SiO4), tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	23.49 ng/ul	6885380	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silicic acid (H4SiO4), tetrakis(...	432	C24H52O4Si	000078-13-7	59
2	3-Methylbut-2-enoic acid, tetrah...	184	C10H16O3	1000187-32-6	47
3	1-Hexanol, 6-[(tetrahydro-2H-pyr...	202	C11H22O3	028659-22-5	22
4	2,4-Dimethylpentan-3-yl 2-methyl...	200	C12H24O2	1000372-73-2	22
5	Spiro[3,5-dioxatricyclo[6.3.0.0(...	406	C24H38O5	1000155-16-5	22





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Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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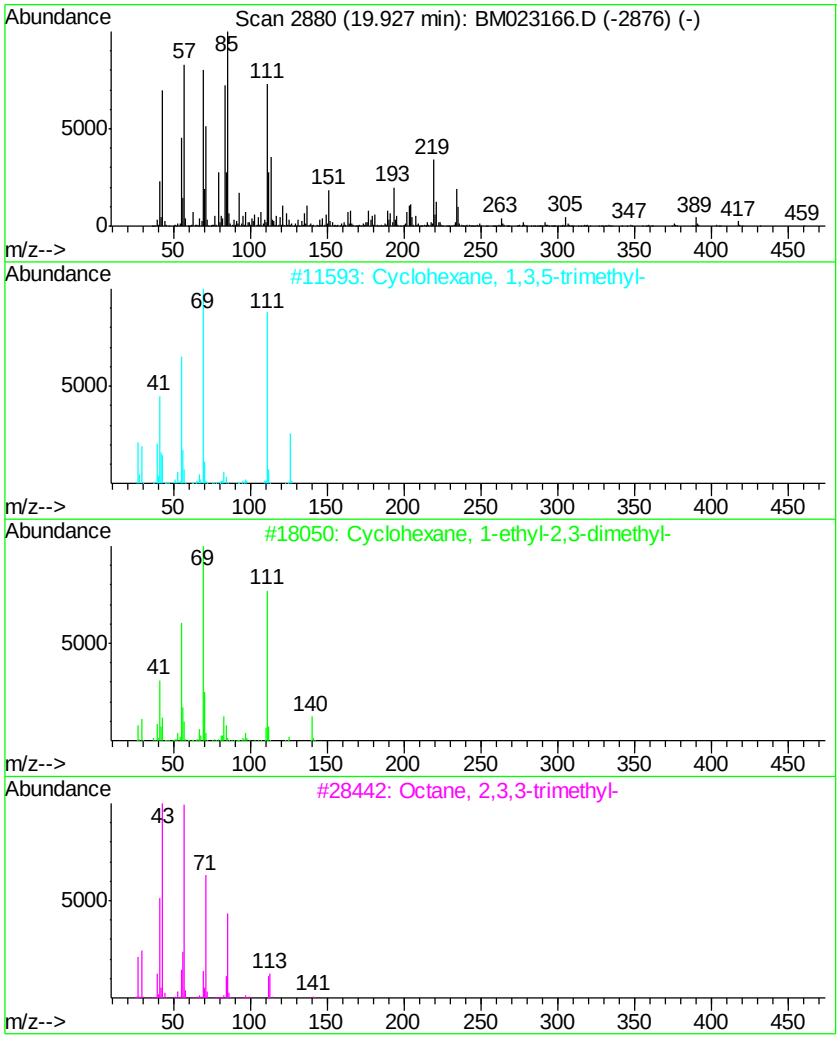
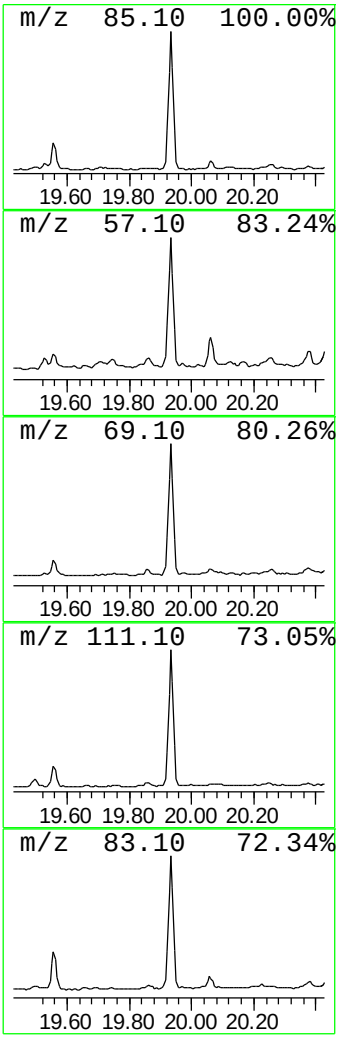
Peak Number 42 (DEL) Alkane: Cyclic19.93 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	14.07 ng/ul	7441920	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	35
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	14
4	4-Chlorobenzenesulfonamide, N-me...	205	C7H8ClNO2S	006333-79-5	14
5	2,6,10-Dodecatrienal, 3,7,11-tri...	220	C15H24O	019317-11-4	11





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

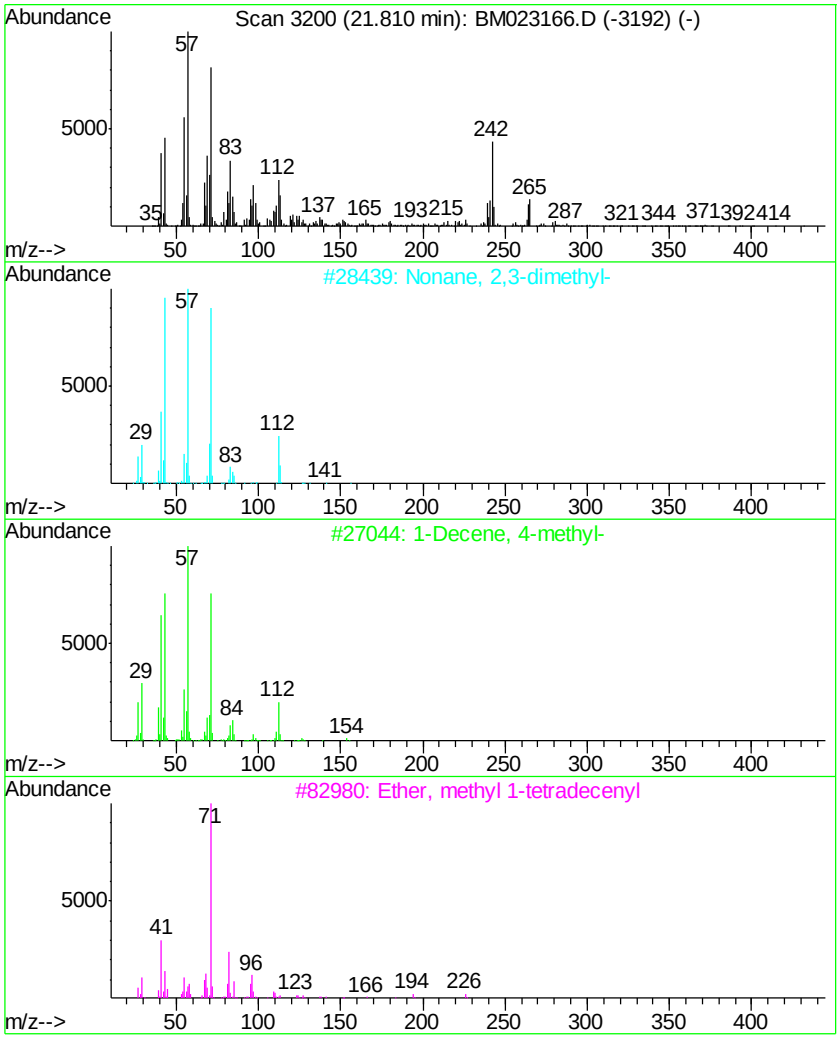
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

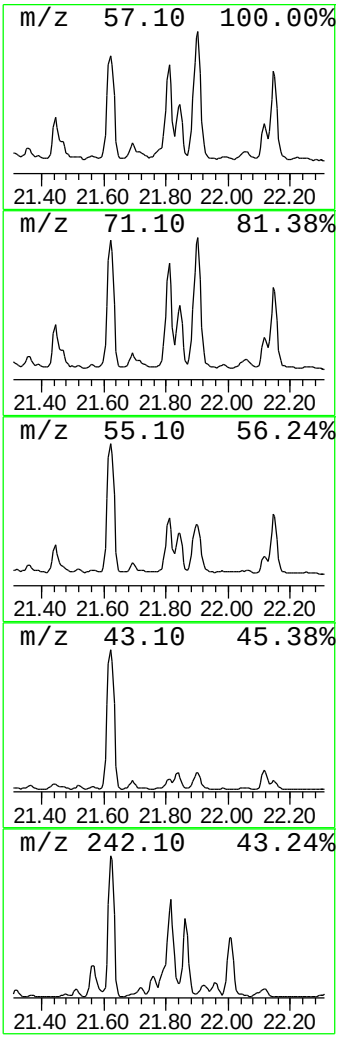
****

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	12.71 ng/ul	6726650	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	38
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	38
3	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	38
4	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	35
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	35





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Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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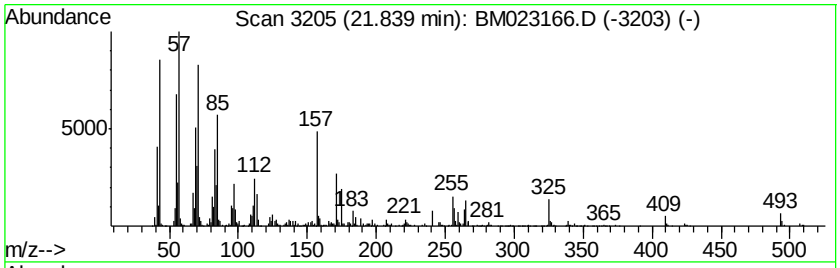
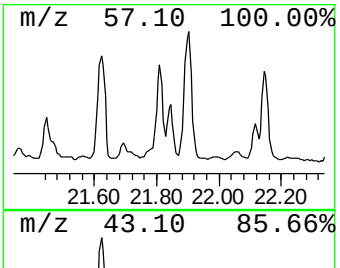
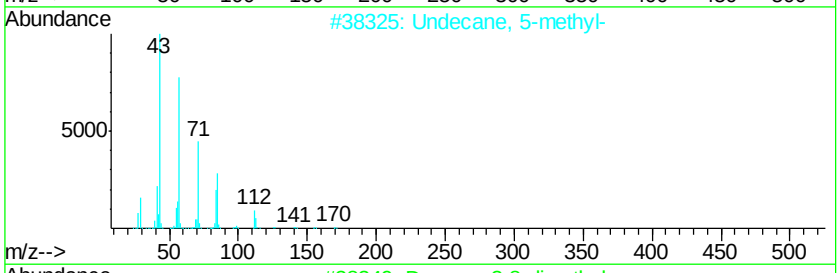
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 31

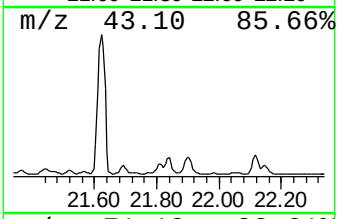
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	8.14 ng/ul	4306460	Chrysene-d12	21.26

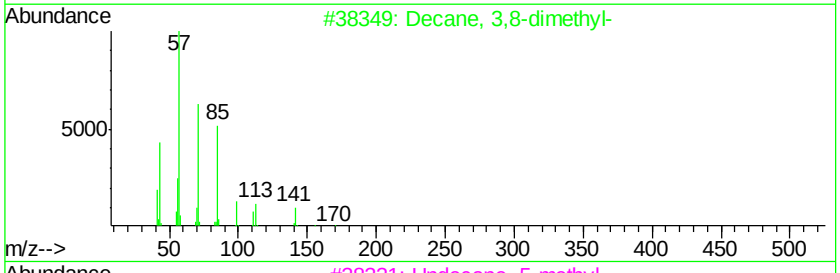
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	43
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	43

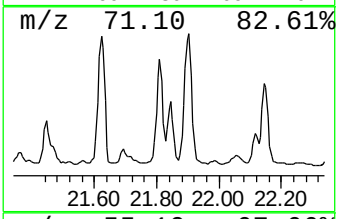


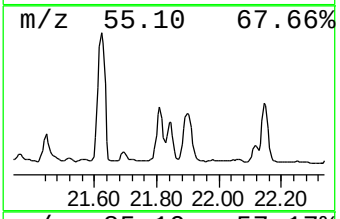


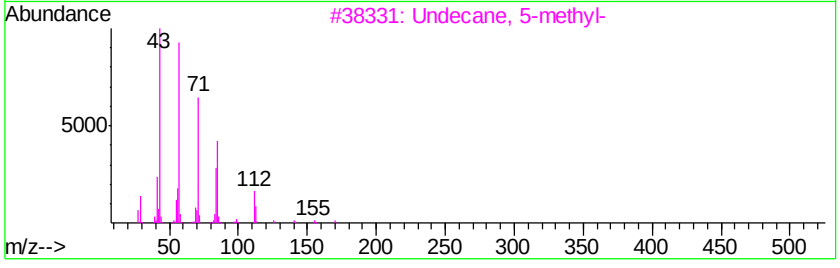


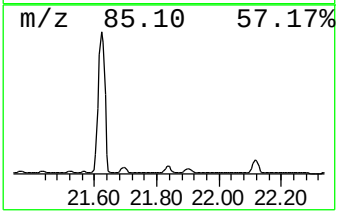












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Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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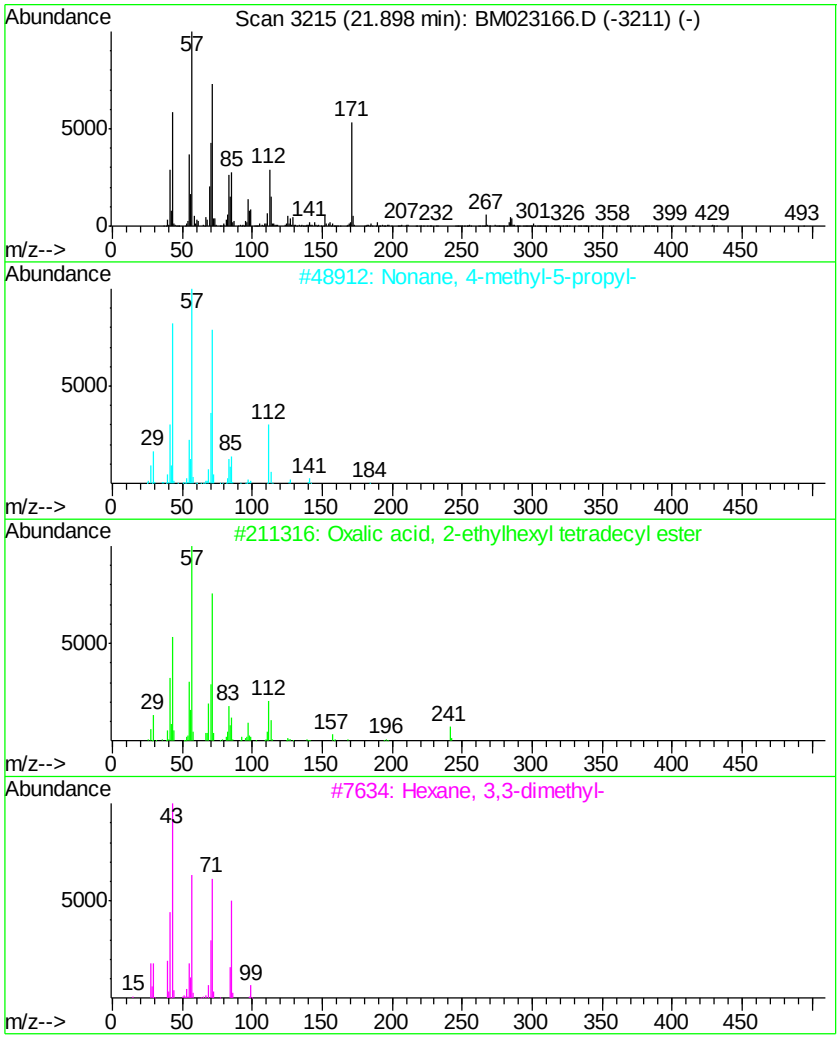
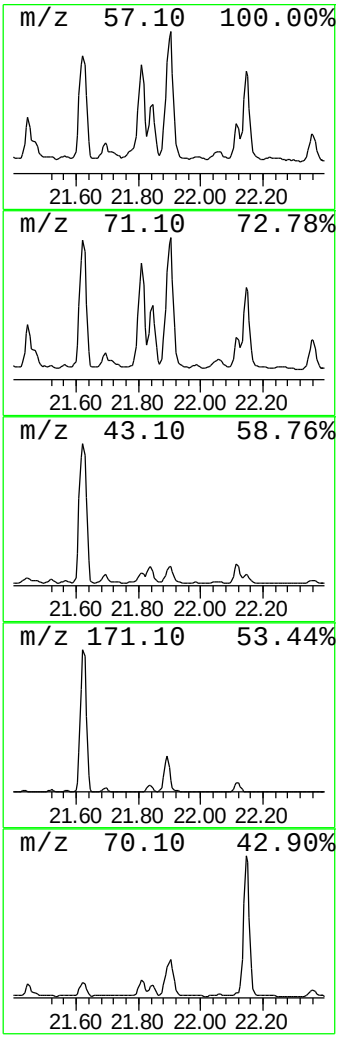
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	12.85 ng/ul	6799830	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	60
2	Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	49
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	46
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43
5	Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	43





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Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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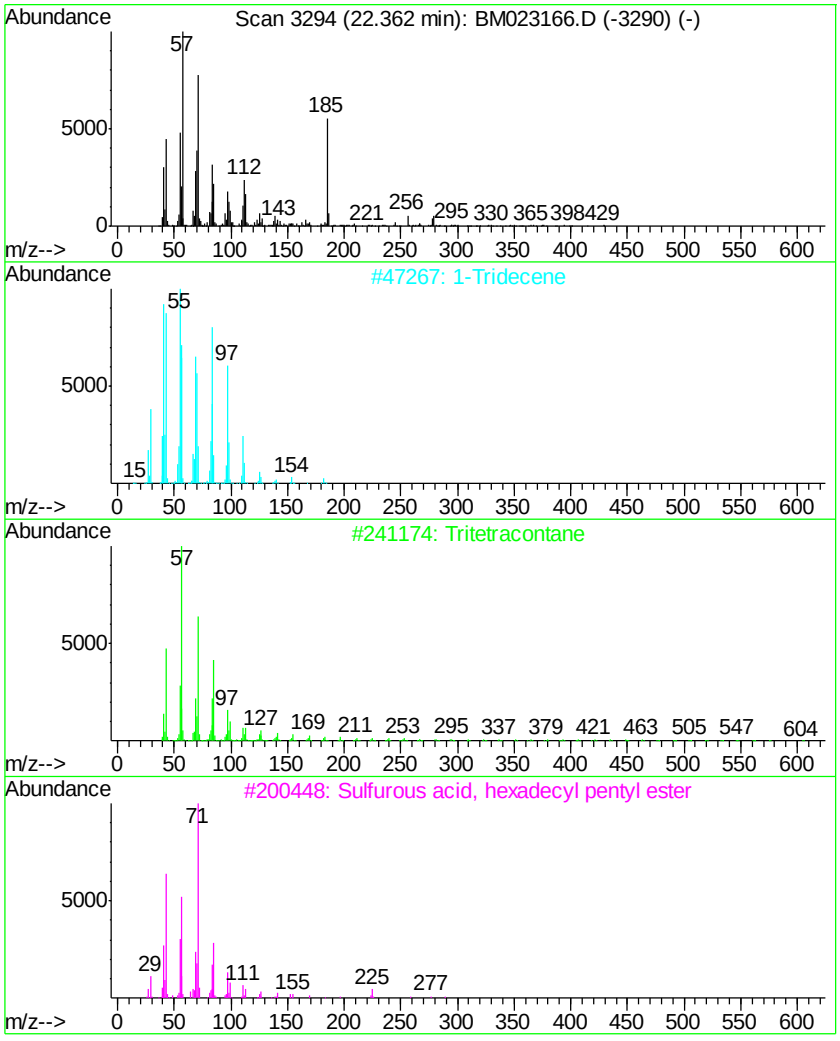
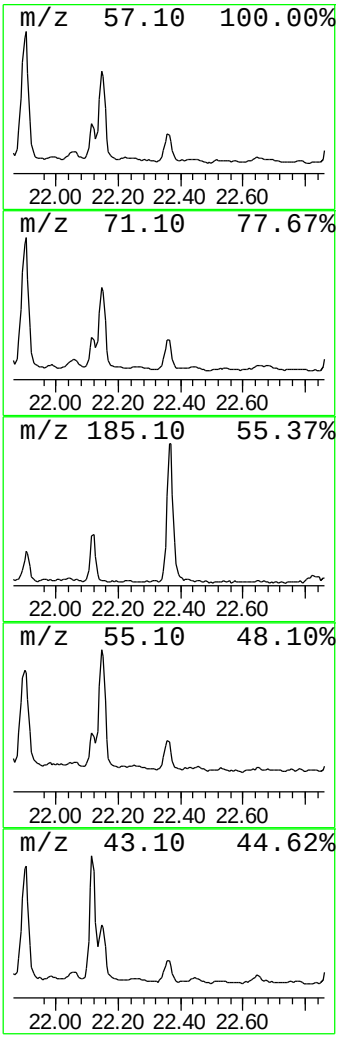
Peak Number 58 (DEL) Alkane: Cyclic22.36 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.75 ng/ul	1456280	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	53
2	Tritetracontane	605	C43H88	007098-21-7	50
3	Sulfurous acid, hexadecyl pentyl...	376	C21H44O3S	1000309-14-9	38
4	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	38
5	2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM79DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
1-Butanol, 2-ethyl-	4.84	55.3	ng/ul	7034440	1	7.69	2546420	20.0
Bicyclo[4.2.0]oct...	5.70	6.2	ng/ul	790156	1	7.69	2546420	20.0
unknown-01	6.61	336.8	ng/ul	42874700	1	7.69	2546420	20.0
Benzene, 1-ethyl-...	6.80	10.0	ng/ul	1274780	1	7.69	2546420	20.0
Benzene, 1-ethyl-...	6.86	4.7	ng/ul	599104	1	7.69	2546420	20.0
Mesitylene	7.09	6.2	ng/ul	783556	1	7.69	2546420	20.0
Benzene, 1,2,3-tr...	7.35	33.5	ng/ul	4268310	1	7.69	2546420	20.0
1-Hexanol, 2-ethyl-	7.88	1884.6	ng/ul	239943000	1	7.69	2546420	20.0
Benzene, 1-methyl...	8.26	8.1	ng/ul	1036050	1	7.69	2546420	20.0
Benzene, 1,2,3,4-...	8.35	14.0	ng/ul	1781490	1	7.69	2546420	20.0
Benzene, 1-methyl...	8.51	3.9	ng/ul	499071	1	7.69	2546420	20.0
Benzene, 4-ethyl-...	8.66	4.0	ng/ul	503615	1	7.69	2546420	20.0
Hexanoic acid, 2-...	9.27	234.7	ng/ul	45224800	2	10.47	3854390	20.0
Benzene, 1,2,4,5-...	9.38	3.9	ng/ul	750688	2	10.47	3854390	20.0
2-Ethylbutyric ac...	11.46	25.9	ng/ul	4997720	2	10.47	3854390	20.0
Butanoic acid, 2-...	12.73	3.2	ng/ul	1202510	3	14.33	7589240	20.0
2-Ethylbutyric ac...	13.60	152.9	ng/ul	58029200	3	14.33	7589240	20.0
2-Methylvaleric a...	13.66	2.5	ng/ul	959641	3	14.33	7589240	20.0
2,5-Piperazinedio...	14.39	9.9	ng/ul	3754710	3	14.33	7589240	20.0
2-Ethylhexyl 2-et...	15.20	61.6	ng/ul	23377300	3	14.33	7589240	20.0
Octanoic acid, 2-...	16.11	3.7	ng/ul	1082480	4	17.07	5862010	20.0
unknown-02	16.53	2.6	ng/ul	750241	4	17.07	5862010	20.0
unknown-03	16.89	2.3	ng/ul	667948	4	17.07	5862010	20.0
Cyclohexanol, 1,3...	17.53	6.0	ng/ul	1766640	4	17.07	5862010	20.0
Octane, 2-bromo-	17.62	16.1	ng/ul	4719480	4	17.07	5862010	20.0
unknown-04	17.71	11.9	ng/ul	3498960	4	17.07	5862010	20.0
unknown-05	17.75	2.4	ng/ul	709988	4	17.07	5862010	20.0
unknown-06	17.79	2.6	ng/ul	762974	4	17.07	5862010	20.0
unknown-07	17.97	32.4	ng/ul	9489560	4	17.07	5862010	20.0
Silicic acid (H4S...	18.16	23.5	ng/ul	6885380	4	17.07	5862010	20.0
(DEL) Alkane: Cyc...	19.93	14.1	ng/ul	7441920	5	21.26	10582000	20.0
(DEL) Alkane: Str...	21.81	12.7	ng/ul	6726650	5	21.26	10582000	20.0
(DEL) Alkane: Str...	21.84	8.1	ng/ul	4306460	5	21.26	10582000	20.0
(DEL) Alkane: Str...	21.90	12.9	ng/ul	6799830	5	21.26	10582000	20.0
(DEL) Alkane: Cyc...	22.36	2.8	ng/ul	1456280	5	21.26	10582000	20.0