LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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-BM102319MA.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	4.975	330	338	352	rBV	38354524	61793712	100.00%	16.660%
2	5.375	401	406	412	rVB2	735208	1104899	1.79%	0.298%
3	6.134	526	535	546	rBV	13901371	20854327	33.75%	5.623%
4	6.316	556	566	571	rBV	923480	1468085	2.38%	0.396%
5	6.616	610	617	633	rVB	1182591	2312350	3.74%	0.623%
6	6.769	636	643	647	rBV	1027492	1606863	2.60%	0.433%
7	6.810	647	650	656	rVV2	494419	849038	1.37%	0.229%
8	6.963	671	676	682	rVV	1328369	2118249	3.43%	0.571%
9	7.057	689	692	698	rVB	884422	1261539	2.04%	0.340%
10	7.163	703	710	718	rVV2	1869855	3298037	5.34%	0.889%
11	7.239	718	723	727	rVB	612515	922223	1.49%	0.249%
12	7.345	735	741	747	rVB	972775	1422813	2.30%	0.384%
13	7.622	780	788	792	rBV	1769709	3160281	5.11%	0.852%
14	7.657	792	794	799	rVB	612846	806106	1.30%	0.217%
15	7.839	820	825	831	rVV	1428220	2126270	3.44%	0.573%
16	7.992	844	851	861	rVB3	708057	1580671	2.56%	0.426%
17	8.333	903	909	919	rVB	1288130	2248301	3.64%	0.606%
18	8.616	948	957	963	rVV4	476806	1155813	1.87%	0.312%
19	8.728	968	976	980	rBV	1020768	1796880	2.91%	0.484%
20	8.775	980	984	994	rVV	1614915	3032329	4.91%	0.818%
21	8.857	994	998	1010	rVB5	750851	1692282	2.74%	0.456%
22	9.251	1059	1065	1070	rVB	782250	1264019	2.05%	0.341%
23	9.422	1089	1094	1100	rBV2	557544	1150682	1.86%	0.310%
24	9.492	1100	1106	1111	rVV	1351666	2274942	3.68%	0.613%
25	9.545	1111	1115	1120	rVV	563947	849765	1.38%	0.229%
26	9.663	1130	1135	1142	rBV5	523029	909370	1.47%	0.245%
27	9.822	1151	1162	1171	rBV5	1191311	3192817	5.17%	0.861%
28	10.033	1190	1198	1206	rBV	2183372	3693161	5.98%	0.996%
29	10.157	1206	1219	1227	rBV6	857879	2704120	4.38%	0.729%
30	10.227	1227	1231	1239	rVB	749941	1162567	1.88%	0.313%
31	10.404	1254	1261	1267	rBV	2193433	3622115	5.86%	0.977%
32	10.998	1356	1362	1368	rBV	394150	757443	1.23%	0.204%
33	11.427	1426	1435	1445	rVB4	285124	895576	1.45%	0.241%
34	11.545	1445	1455	1460	rBV3	331852	760496	1.23%	0.205%

LSC Area Percent Report

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Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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-BM102319MA.M
Title : SVOA CALIBRATION

35	11.616	1460	1467	1475	rVV5	398315	933943	1.51%	0.252%
36	11.763	1483	1492	1500	rBV	6308149	12079628	19.55%	3.257%
37	12.251	1568	1575	1579	rVV5	345234	844567	1.37%	0.228%
38	12.527	1617	1622	1631	rVB2	422202	775568	1.26%	0.209%
39	12.757	1657	1661	1667	rVB2	505874	788249	1.28%	0.213%
40	12.827	1667	1673	1682	rBV	2778011	4450832	7.20%	1.200%
41	12.927	1684	1690	1697	rVB2	427520	717916	1.16%	0.194%
42	13.327	1753	1758	1766	rVB2	1007062	1667655	2.70%	0.450%
43	13.404	1766	1771	1777	rBV2	526045	1044344	1.69%	0.282%
44	13.692	1814	1820	1832	rBV2	4115586	8230729	13.32%	2.219%
45	13.839	1840	1845	1849	rBV	922477	1253550	2.03%	0.338%
46	13.963	1861	1866	1875	rVB	4436272	6608146	10.69%	1.782%
47	14.057	1875	1882	1886	rBV	1613948	2532068	4.10%	0.683%
48	14.274	1912	1919	1923	rBV	4028034	5982339	9.68%	1.613%
49	14.321	1923	1927	1934	rVB	1872250	2734599	4.43%	0.737%
50	14.639	1976	1981	1984	rBV	581186	936419	1.52%	0.252%
51	15.033	2043	2048	2058	rBV	1313811	1903681	3.08%	0.513%
52	15.180	2069	2073	2080	rVB4	464390	844352	1.37%	0.228%
53	15.268	2083	2088	2096	rVB	5313155	7818978	12.65%	2.108%
54	15.398	2102	2110	2116	rBV2	1587351	2463344	3.99%	0.664%
55	15.539	2127	2134	2138	rVV2	2396538	3811573	6.17%	1.028%
56	15.786	2170	2176	2182	rBV	1875507	3067113	4.96%	0.827%
57	15.974	2200	2208	2212	rBV	3254608	5641929	9.13%	1.521%
58	16.027	2212	2217	2225	rVB3	914720	1910650	3.09%	0.515%
59	16.304	2259	2264	2266	rBV2	988810	1443795	2.34%	0.389%
60	16.333	2266	2269	2275	rVV	1796167	2452858	3.97%	0.661%
61	16.992	2375	2381	2383	rVV	3602858	5283742	8.55%	1.425%
62	17.021	2383	2386	2395	rVB2	4142236	5876023	9.51%	1.584%
63	17.121	2396	2403	2409	rBV	6120304	8994666	14.56%	2.425%
64	17.209	2413	2418	2422	rVV	1404893	1928439	3.12%	0.520%
65	17.274	2425	2429	2437	rVB5	435561	810395	1.31%	0.218%
66	17.645	2488	2492	2496	rBV	639117	850293	1.38%	0.229%
67	17.709	2496	2503	2507	rVV	3171952	4855217	7.86%	1.309%
68	17.751	2507	2510	2519	rVB	742830	1136483	1.84%	0.306%
69	17.945	2538	2543	2546	rBV	1056235	1502712	2.43%	0.405%
70	17.992	2546	2551	2558	rVV	2352208	3694592	5.98%	0.996%
71	18.068	2558	2564	2571	rVV	4124178	5714989	9.25%	1.541%

LSC Area Percent Report

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Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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-BM102319MA.M
Title : SVOA CALIBRATION

72	18.168	2575	2581	2584	rVV	3602046	5330785	8.63%	1.437%
73	18.221	2584	2590	2597	rVB	6582112	11576023	18.73%	3.121%
74	18.621	2654	2658	2666	rBV2	470805	787506	1.27%	0.212%
75	18.756	2677	2681	2687	rVB	1382931	1767458	2.86%	0.477%
76	18.898	2701	2705	2707	rVV	829871	1064588	1.72%	0.287%
77	18.927	2707	2710	2714	rVB	1189698	1439107	2.33%	0.388%
78	19.027	2721	2727	2731	rBV2	1162963	1908688	3.09%	0.515%
79	19.162	2743	2750	2754	rBV5	493379	1076104	1.74%	0.290%
80	19.421	2788	2794	2799	rVB	6936103	9378762	15.18%	2.529%
81	19.480	2799	2804	2813	rBV	11635025	15953978	25.82%	4.301%
82	19.650	2829	2833	2836	rBV	1371860	1744519	2.82%	0.470%
83	19.727	2841	2846	2857	rVB	1523197	2266719	3.67%	0.611%
84	19.839	2860	2865	2869	rBV	1661847	2365731	3.83%	0.638%
85	19.886	2869	2873	2877	rVB	2676329	3165974	5.12%	0.854%
86	19.933	2877	2881	2883	rBV	646038	769087	1.24%	0.207%
87	20.162	2916	2920	2926	rVB	1048711	1366772	2.21%	0.368%
88	20.233	2928	2932	2936	rBV2	552290	724183	1.17%	0.195%
89	20.339	2946	2950	2955	rBV2	439500	978170	1.58%	0.264%
90	20.956	3051	3055	3060	rBV2	1215519	1696120	2.74%	0.457%
91	21.215	3094	3099	3107	rBV	5521082	6676655	10.80%	1.800%
92	21.344	3116	3121	3127	rBV	6066185	7986341	12.92%	2.153%
93	21.397	3127	3130	3136	rVB2	1433728	1684073	2.73%	0.454%
94	21.827	3200	3203	3210	rVB	1392385	1607030	2.60%	0.433%
95	22.286	3277	3281	3288	rVB	1374820	1903852	3.08%	0.513%
96	22.785	3362	3366	3371	rVB	1231736	1677906	2.72%	0.452%
97	23.274	3443	3449	3456	rVB	5579058	9924975	16.06%	2.676%
98	23.344	3457	3461	3466	rVV	1176067	1910714	3.09%	0.515%
99	23.409	3467	3472	3483	rVB2	3852387	7139683	11.55%	1.925%
100	23.980	3565	3569	3578	rVB	871015	1600877	2.59%	0.432%

Sum of corrected areas: 370906897

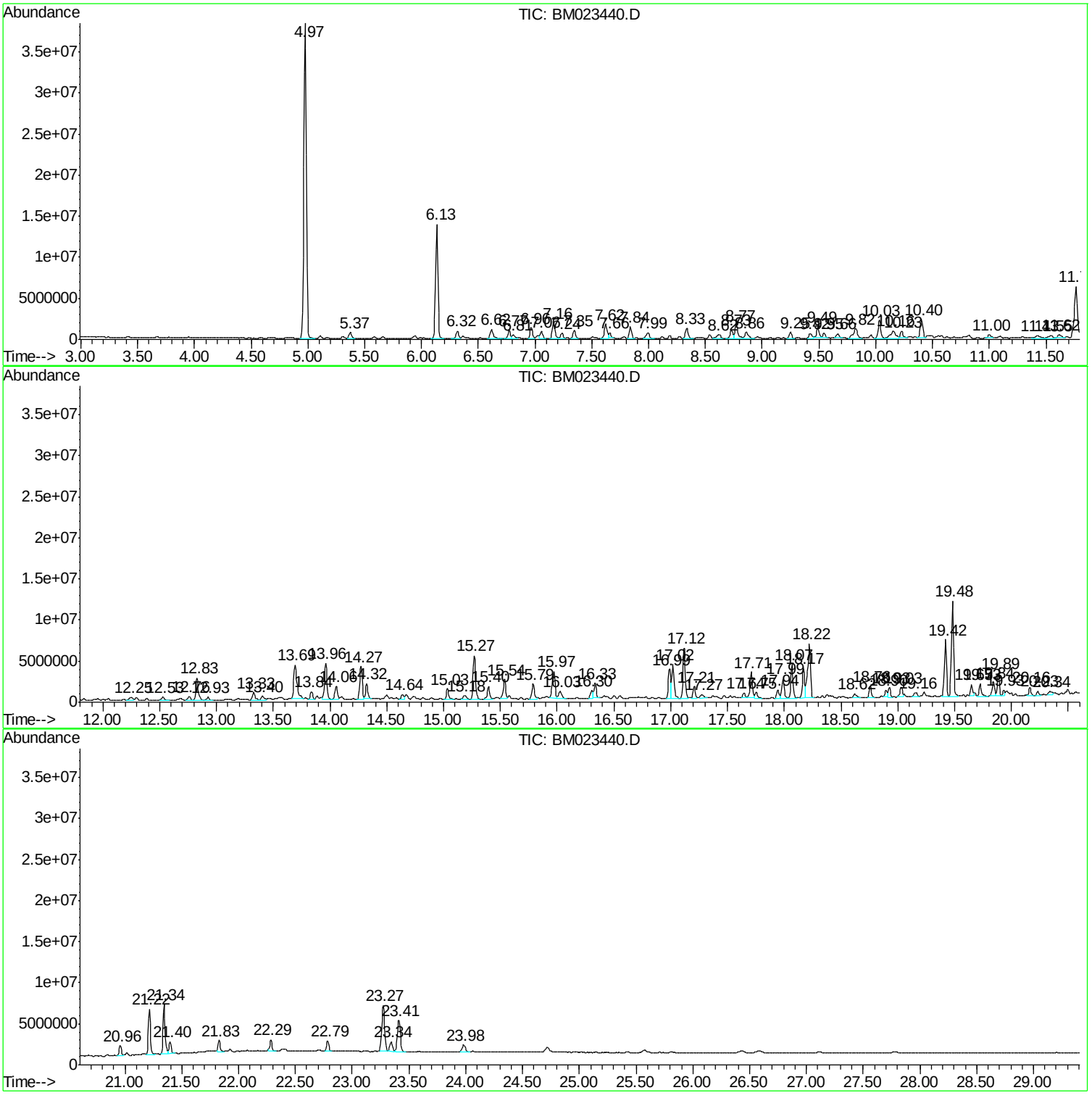
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

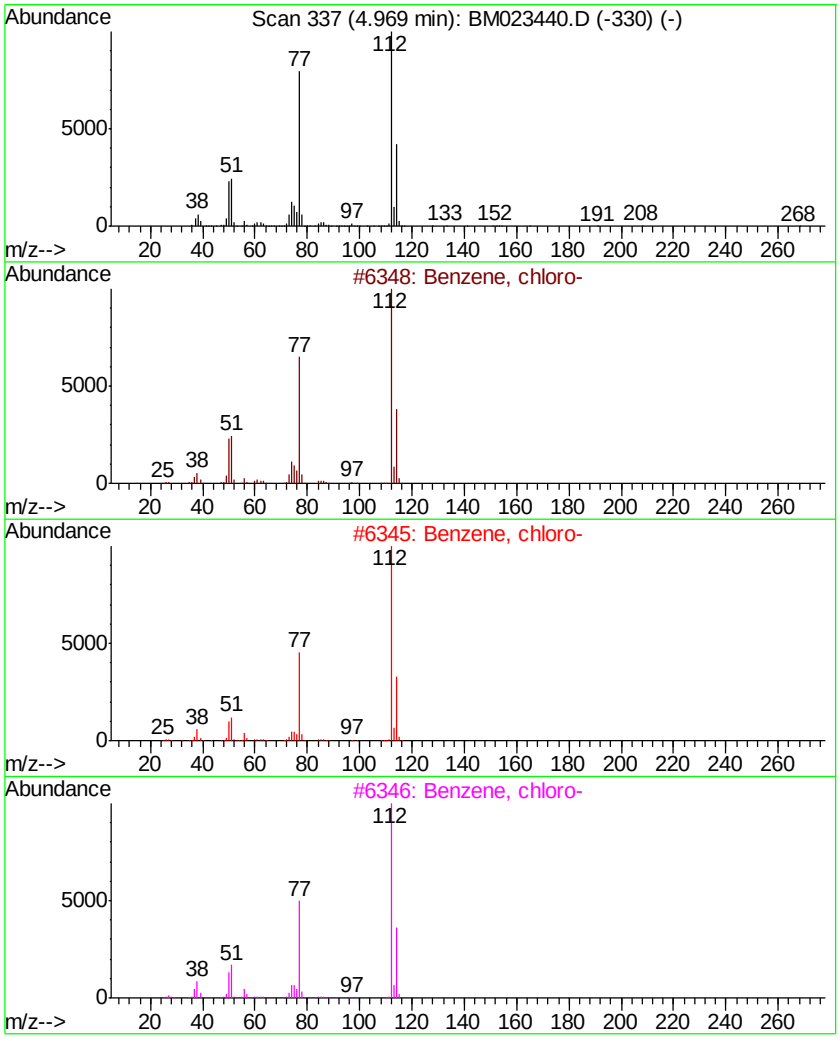
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

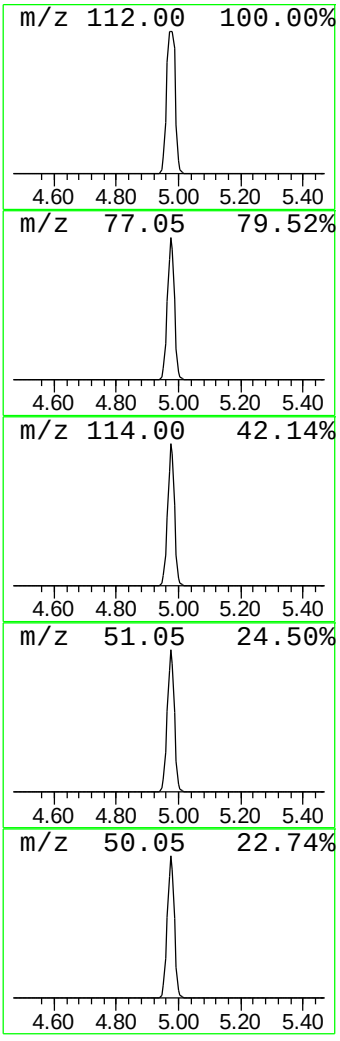
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	391.07 ng/ul	61793700	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	90
5	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

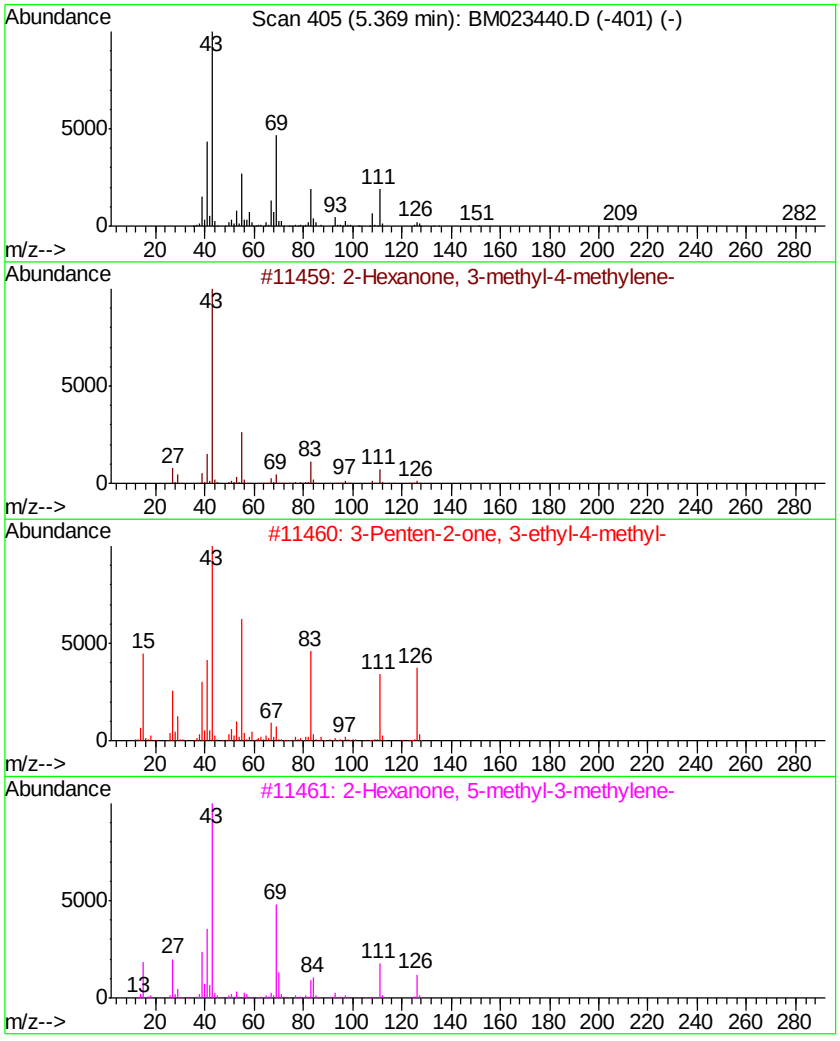
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

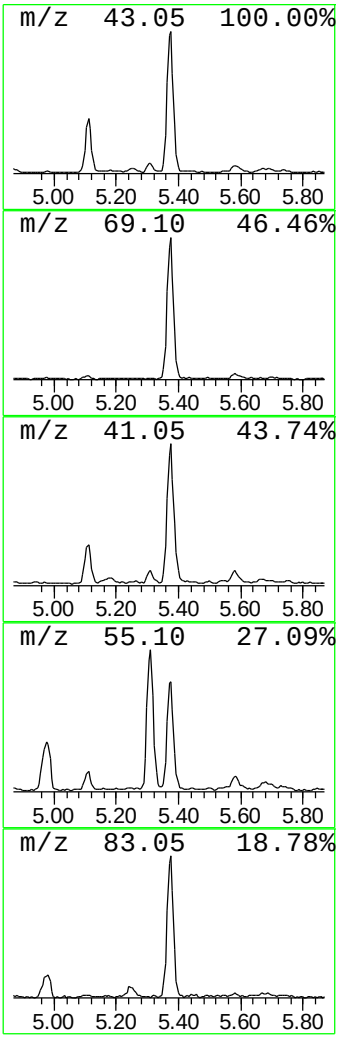
****

Peak Number 2 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	6.99 ng/ul	1104900	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-methyl-4-methylene-	126	C8H14O	020690-71-5	37
2	3-Penten-2-one, 3-ethyl-4-methyl-	126	C8H14O	022287-11-2	37
3	2-Hexanone, 5-methyl-3-methylene-	126	C8H14O	001187-87-7	25
4	7-Octen-2-one	126	C8H14O	003664-60-6	23
5	3-Hexen-2-one, 3,4-dimethyl-, (E)-	126	C8H14O	020685-46-5	17





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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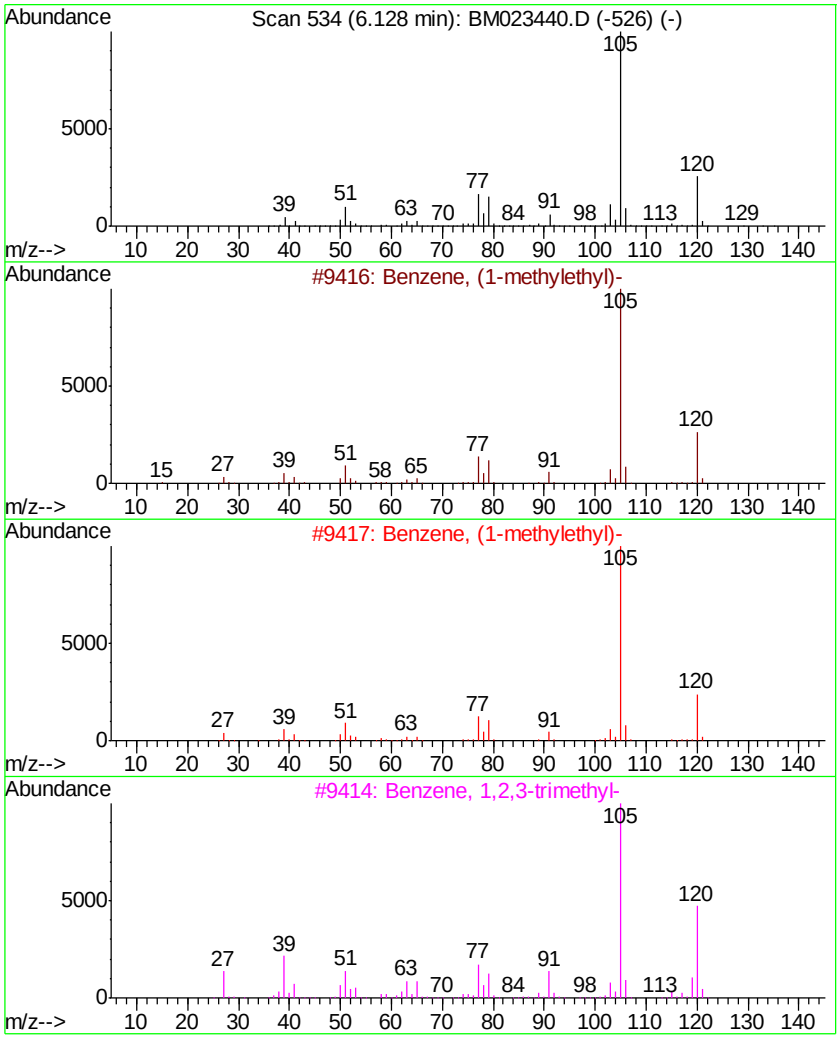
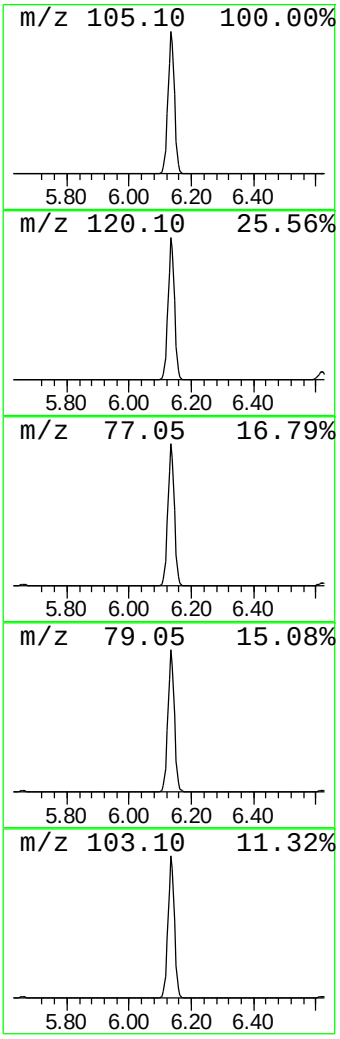
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	131.98 ng/ul	20854300	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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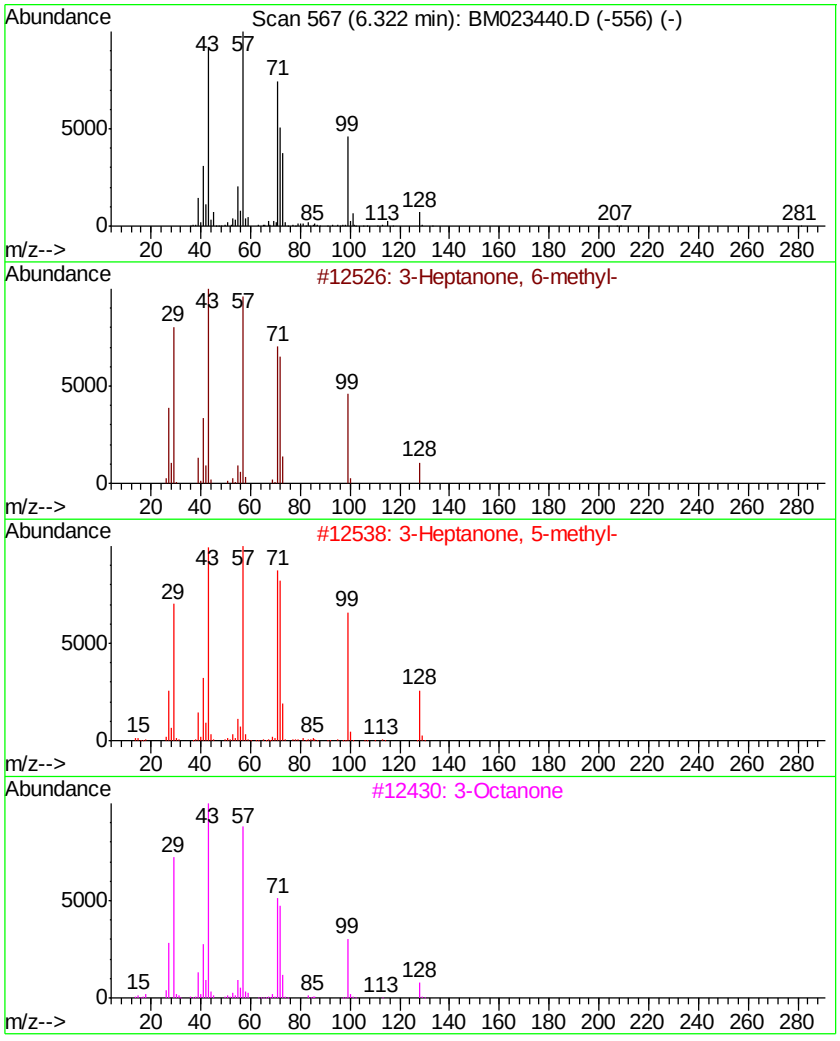
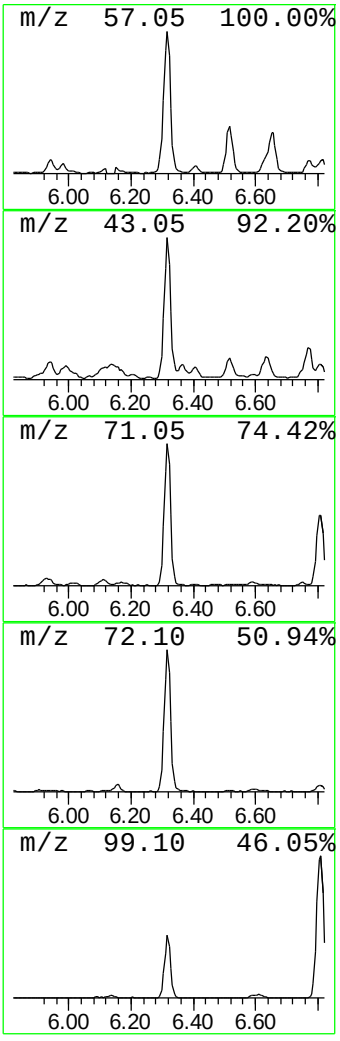
Peak Number 4 3-Heptanone, 6-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	9.29 ng/ul	1468090	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	87
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	80
3	3-Octanone	128	C8H16O	000106-68-3	72
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
5	3-Octanone	128	C8H16O	000106-68-3	64





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Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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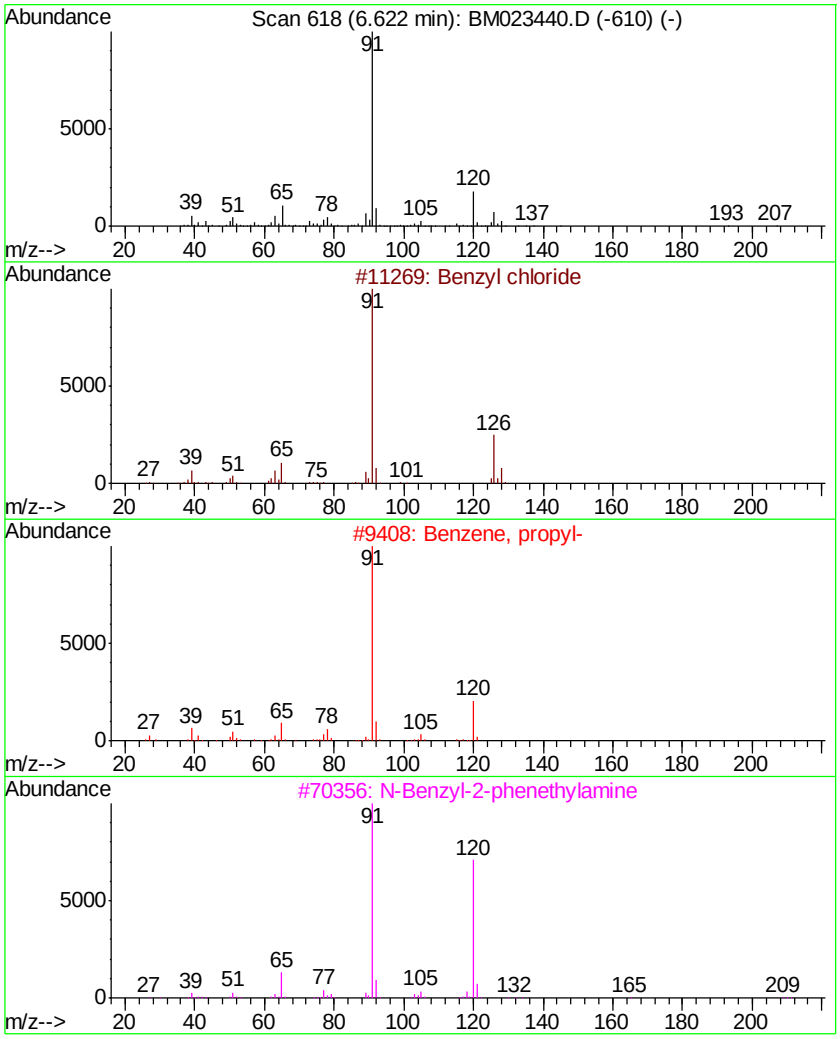
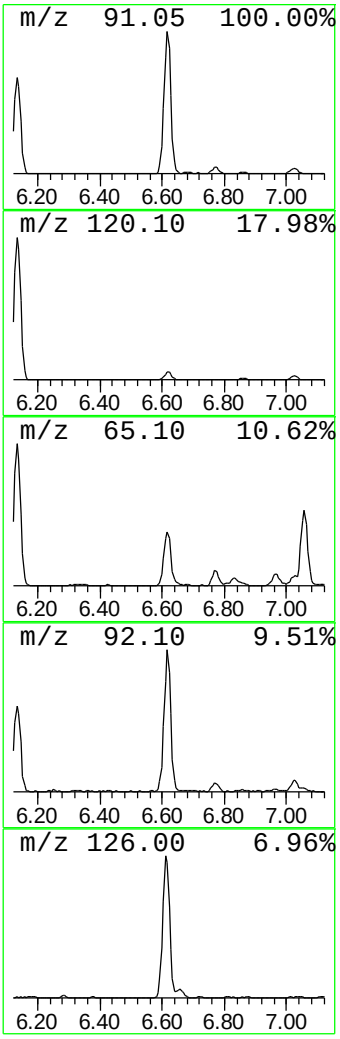
Peak Number 5 Benzyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	14.63 ng/ul	2312350	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl chloride	126	C7H7Cl	000100-44-7	81
2	Benzene, propyl-	120	C9H12	000103-65-1	64
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53
4	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	52
5	Benzene, propyl-	120	C9H12	000103-65-1	52





Library Search Compound Report

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Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
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Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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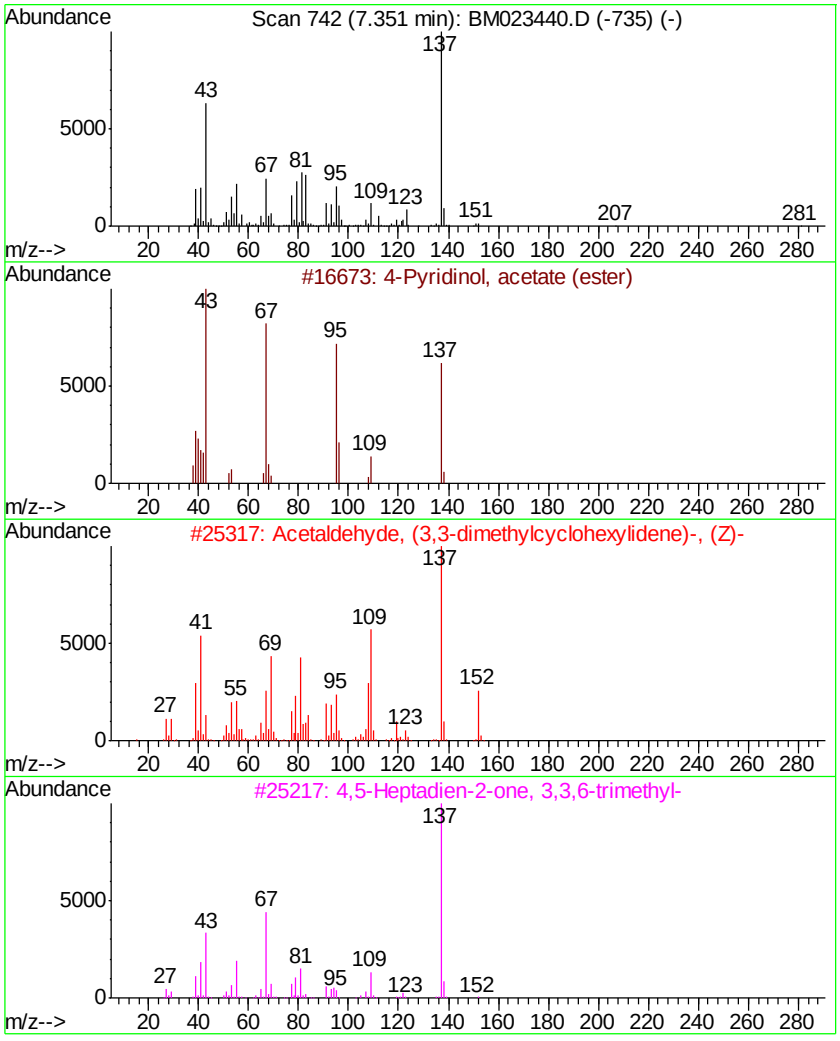
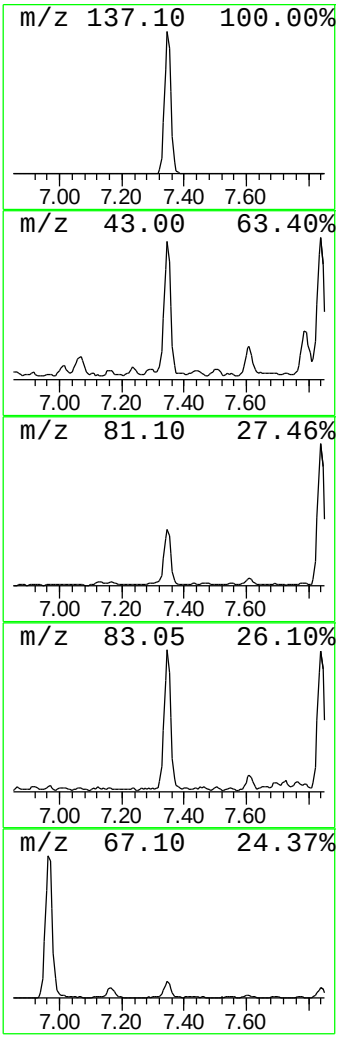
Peak Number 6 4-Pyridinol, acetate (ester) Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	9.00 ng/ul	1422810	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinol, acetate (ester)	137	C7H7NO2	014210-20-9	64
2	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	50
3	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	38
4	Phenol, 4-amino-2,5-dimethyl-	137	C8H11NO	003096-71-7	35
5	Fumaric acid, dipropargyl ester	192	C10H8O4	1000330-54-0	32





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Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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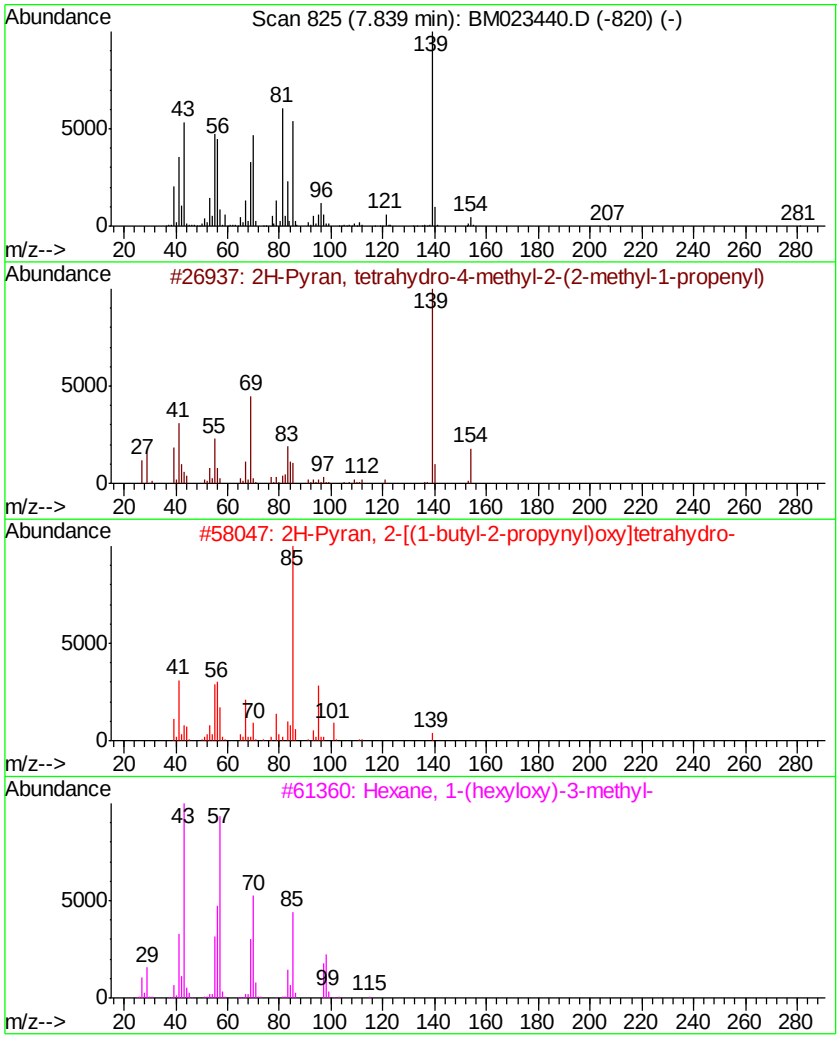
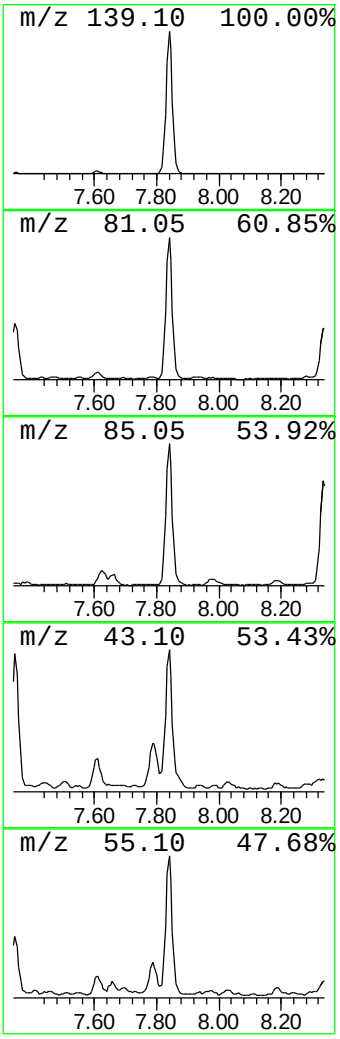
Peak Number 7 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	13.46 ng/ul	2126270	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	38
2	2H-Pyran, 2-[(1-butyl-2-propynyl...	196	C12H20O2	000831-83-4	32
3	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	32
4	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	27
5	1-Octanol, 3,7-dimethyl-, (S)-	158	C10H22O	068680-98-8	22





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Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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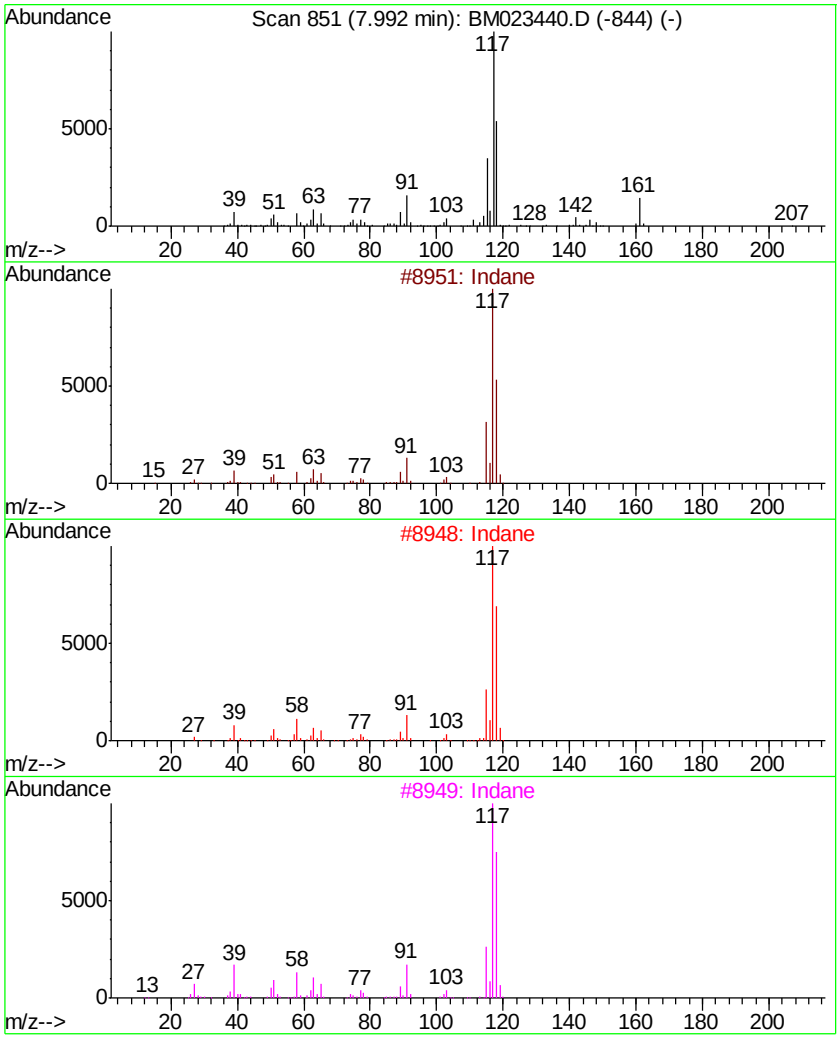
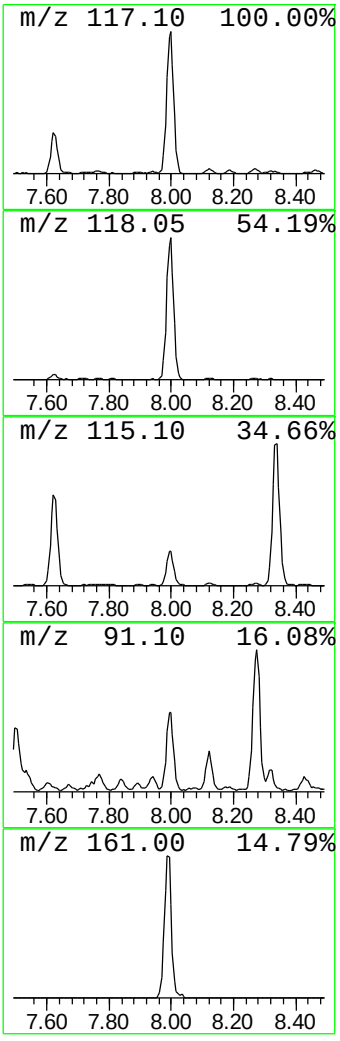
Peak Number 8 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	10.00 ng/ul	1580670	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	89
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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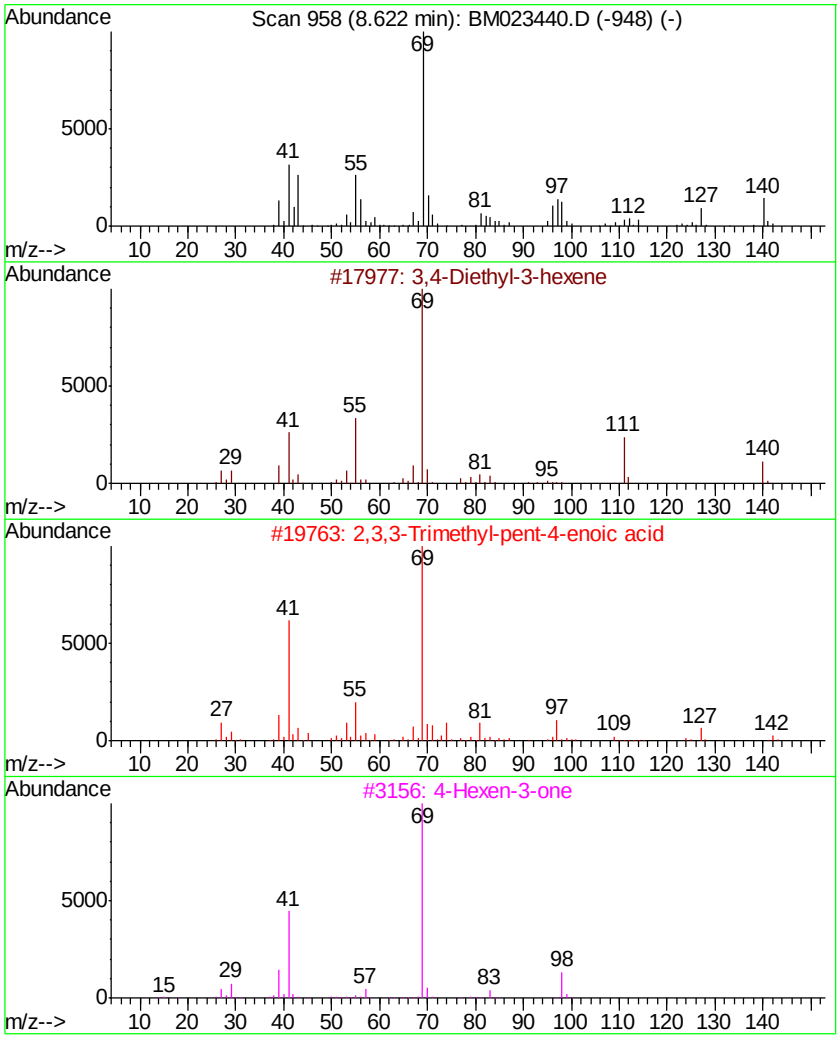
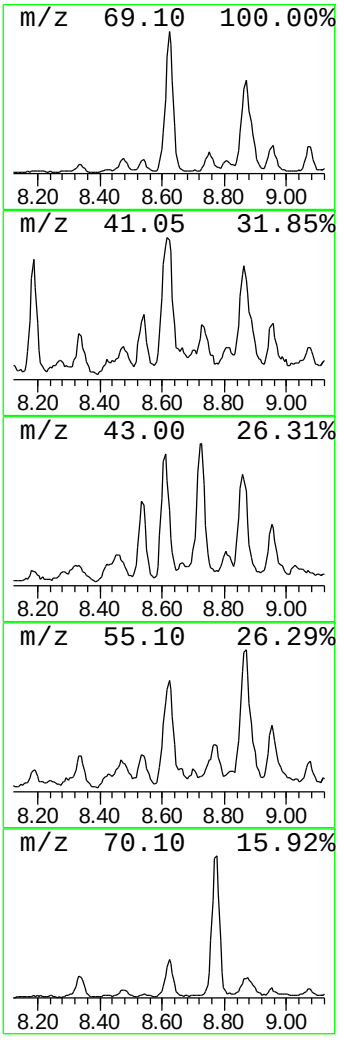
Peak Number 9 (DEL) Alkane: Cyclic8.62 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	7.31 ng/ul	1155810	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	43
2	2,3,3-Trimethyl-pent-4-enoic acid	142	C8H14O2	061740-75-8	43
3	4-Hexen-3-one	98	C6H10O	002497-21-4	43
4	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	42
5	Heptanoic acid, 2-vinyl-, ethyl ...	184	C11H20O2	091213-09-1	40





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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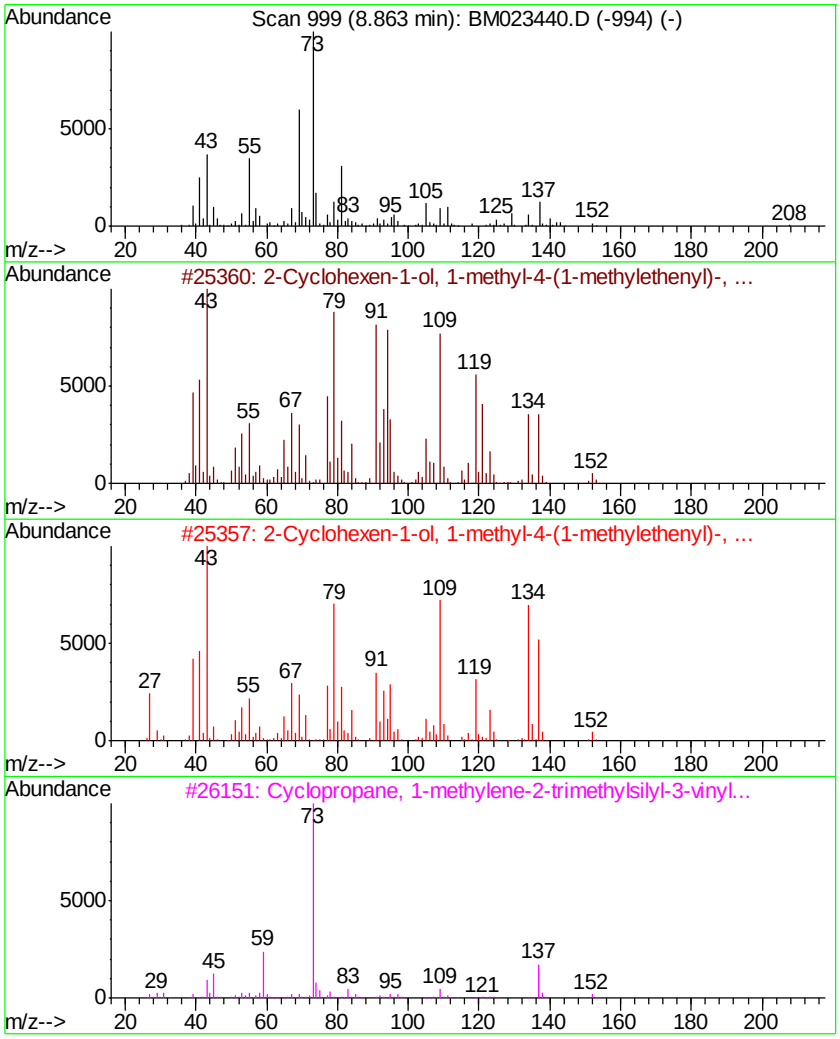
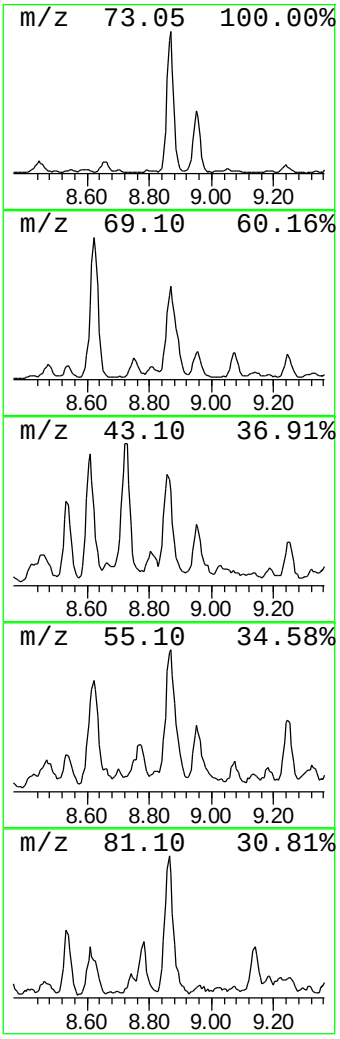
Peak Number 10 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	10.71 ng/ul	1692280	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-ol, 1-methyl-4-(1...	152	C10H16O	007212-40-0	18
2	2-Cyclohexen-1-ol, 1-methyl-4-(1...	152	C10H16O	007212-40-0	11
3	Cyclopropane, 1-methylene-2-trim...	152	C9H16Si	1000153-24-4	11
4	Propane(dithioic) acid, ethyl ester	134	C5H10S2	000998-79-8	9
5	Butanedioic acid, chloro-, (.+/-.)-	152	C4H5ClO4	000617-41-4	9





Library Search Compound Report

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Acq On : 29 Oct 2019 13:33
Operator : JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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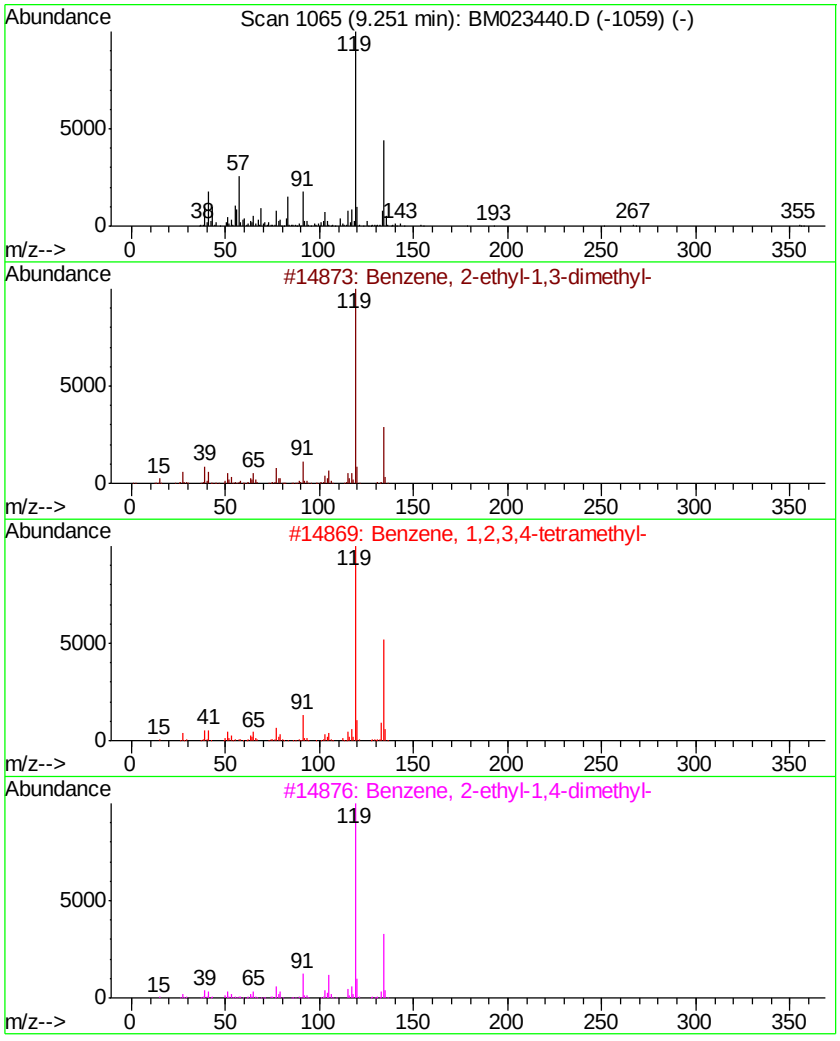
Quant Title : SVOA CALIBRATION

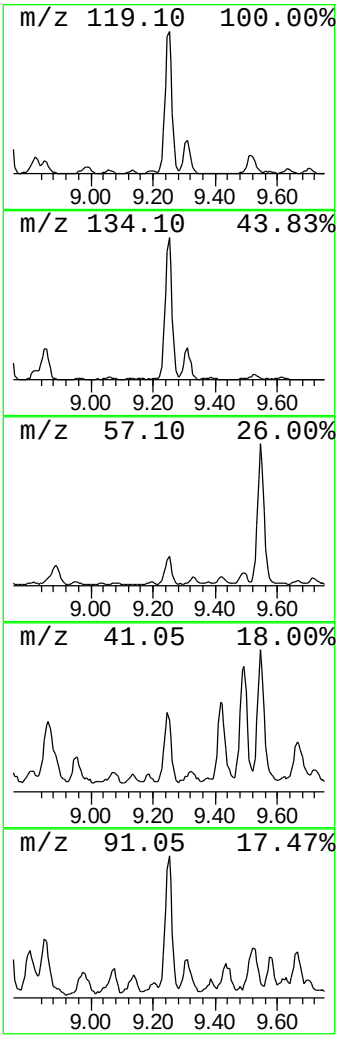
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	6.98 ng/ul	1264020	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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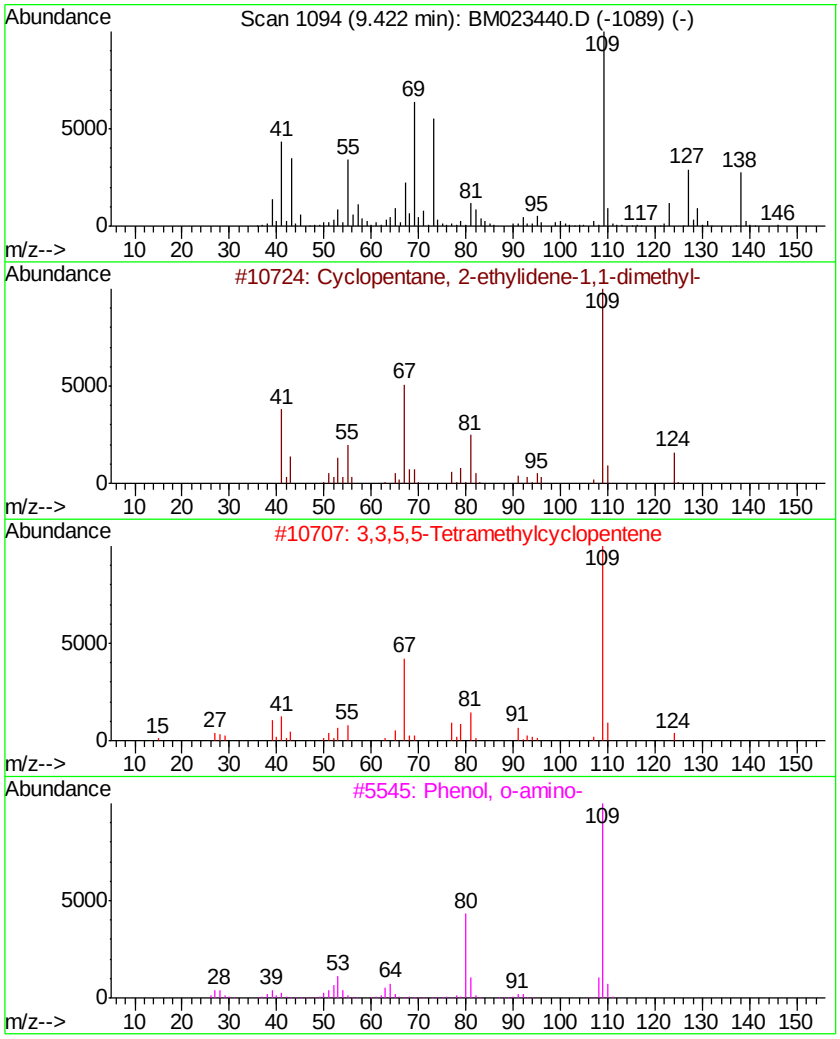
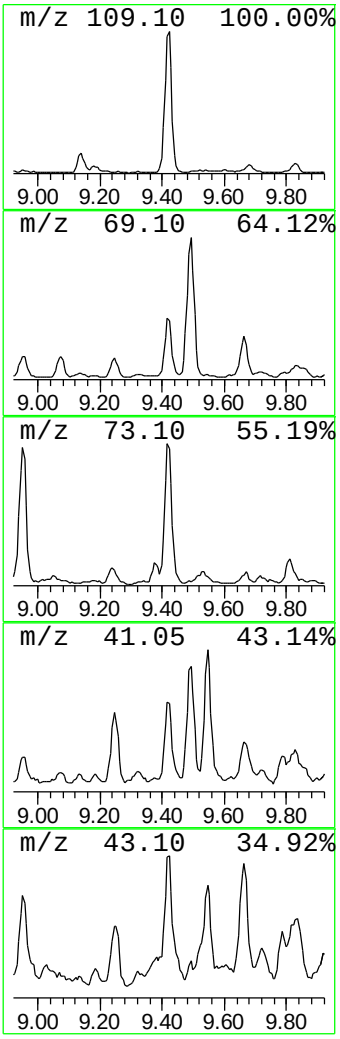
Peak Number 12 unknown-04 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	6.35 ng/ul	1150680	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	47
2	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	43
3	Phenol, o-amino-	109	C6H7NO	000095-55-6	38
4	Phenol, o-amino-	109	C6H7NO	000095-55-6	38
5	Phenol, 3-amino-	109	C6H7NO	000591-27-5	38





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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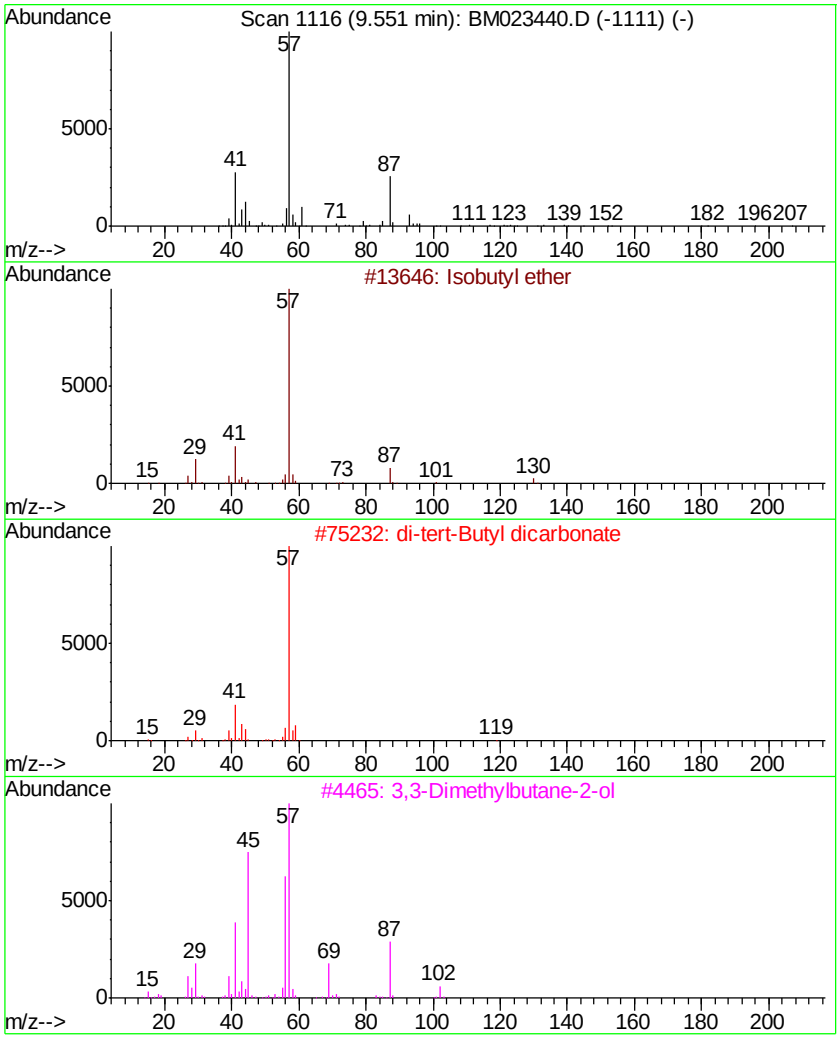
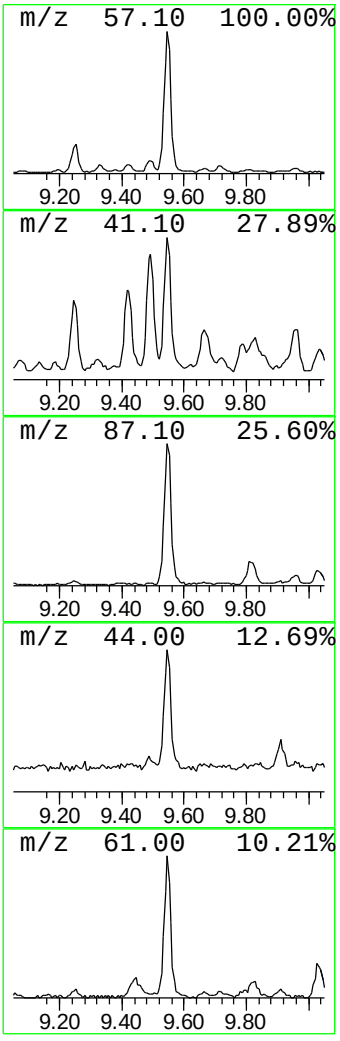
Peak Number 13 unknown-05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.69 ng/ul	849765	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl ether	130	C8H18O	000628-55-7	32
2	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	25
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	23
4	Malonic acid, dihydroxy-, diisob...	248	C11H20O6	1000160-03-6	22
5	Isobutyl ether	130	C8H18O	000628-55-7	17





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Instrument : BNA_M
ClientSampleId : BE4H1

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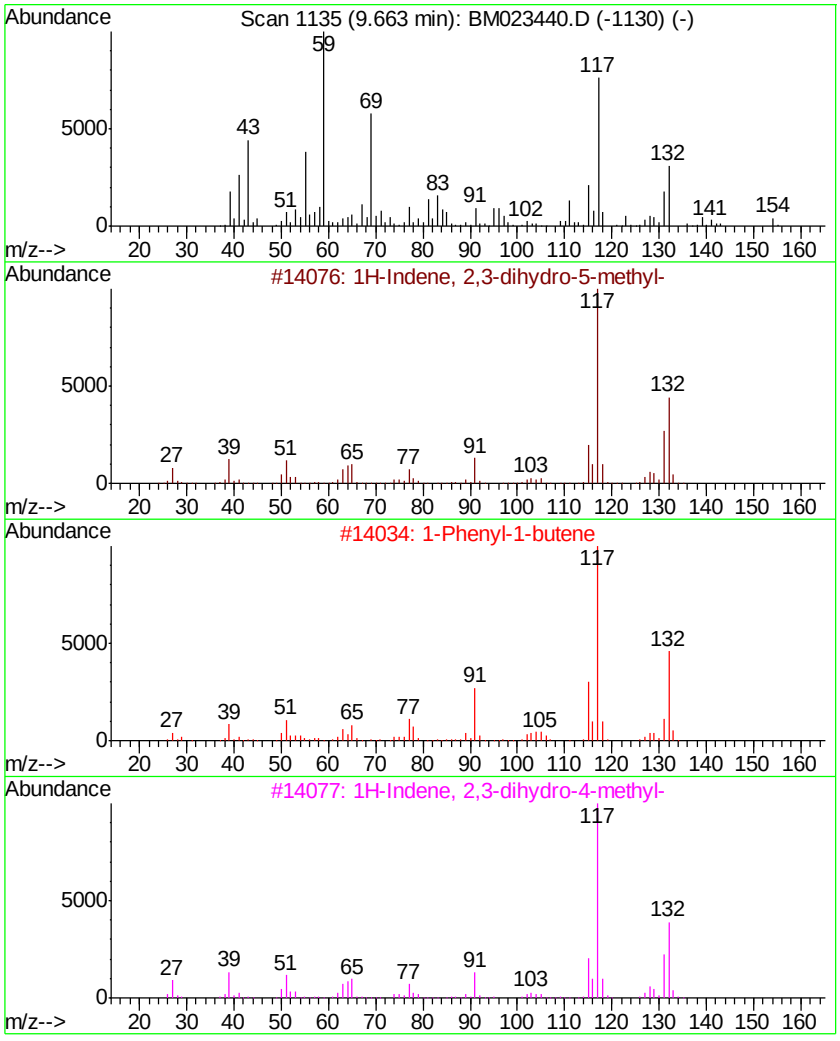
Quant Title : SVOA CALIBRATION

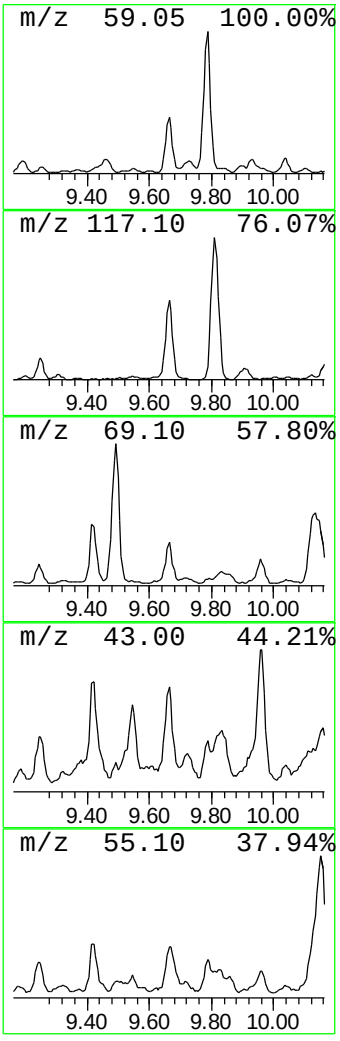
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	5.02 ng/ul	909370	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	46
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	45





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Quant Title : SVOA CALIBRATION

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

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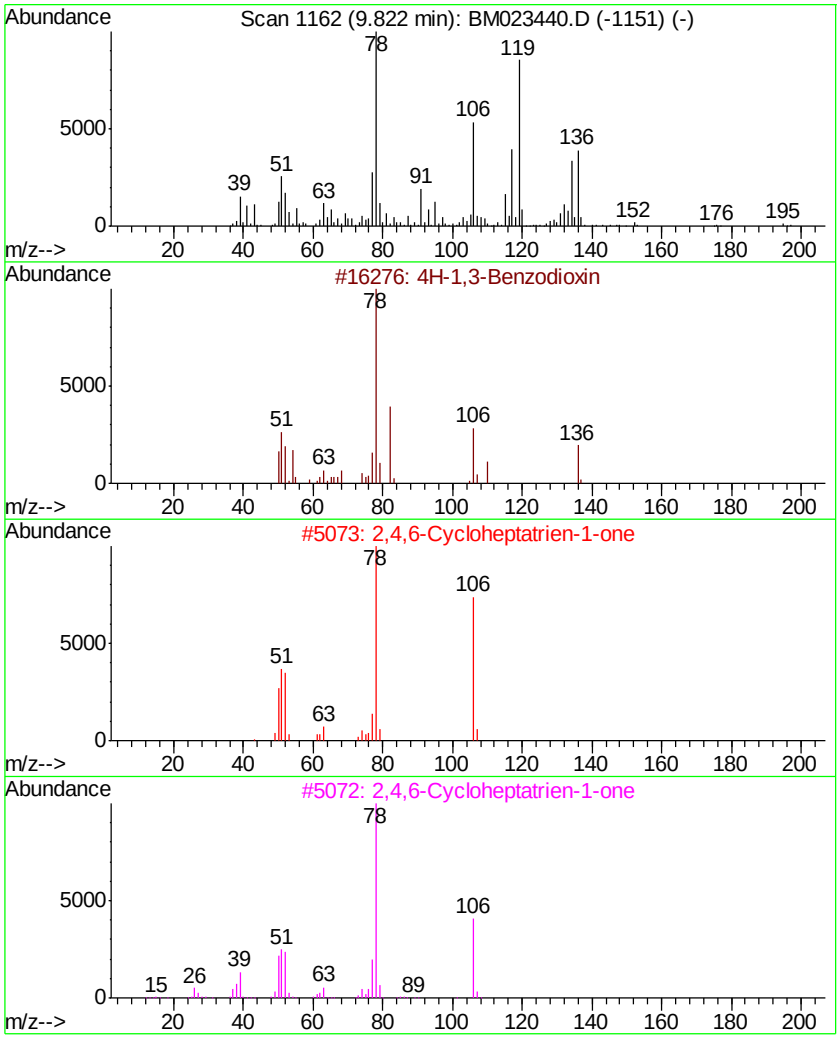
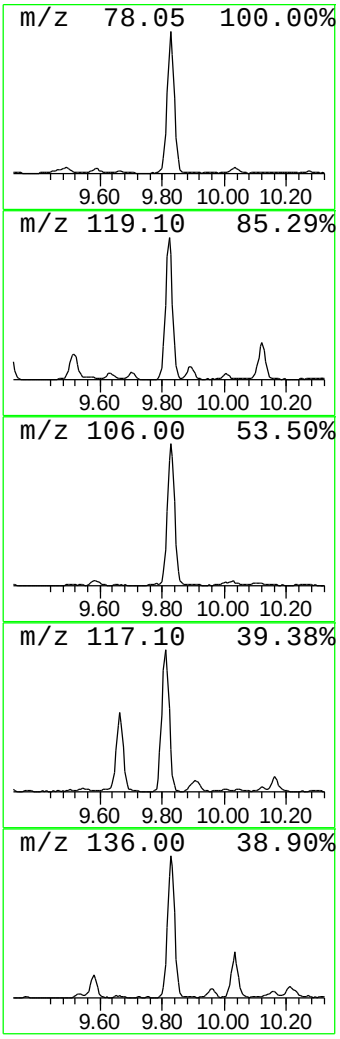
Peak Number 15 4H-1,3-Benzodioxin Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	17.63 ng/ul	3192820	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	58
2	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	58
3	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	52
4	2-Coumaranone	134	C8H6O2	000553-86-6	52
5	Bicyclo[4,2,1]nona-2,4-dien-9-one	134	C9H10O	052902-51-9	49





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Quant Title : SVOA CALIBRATION

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

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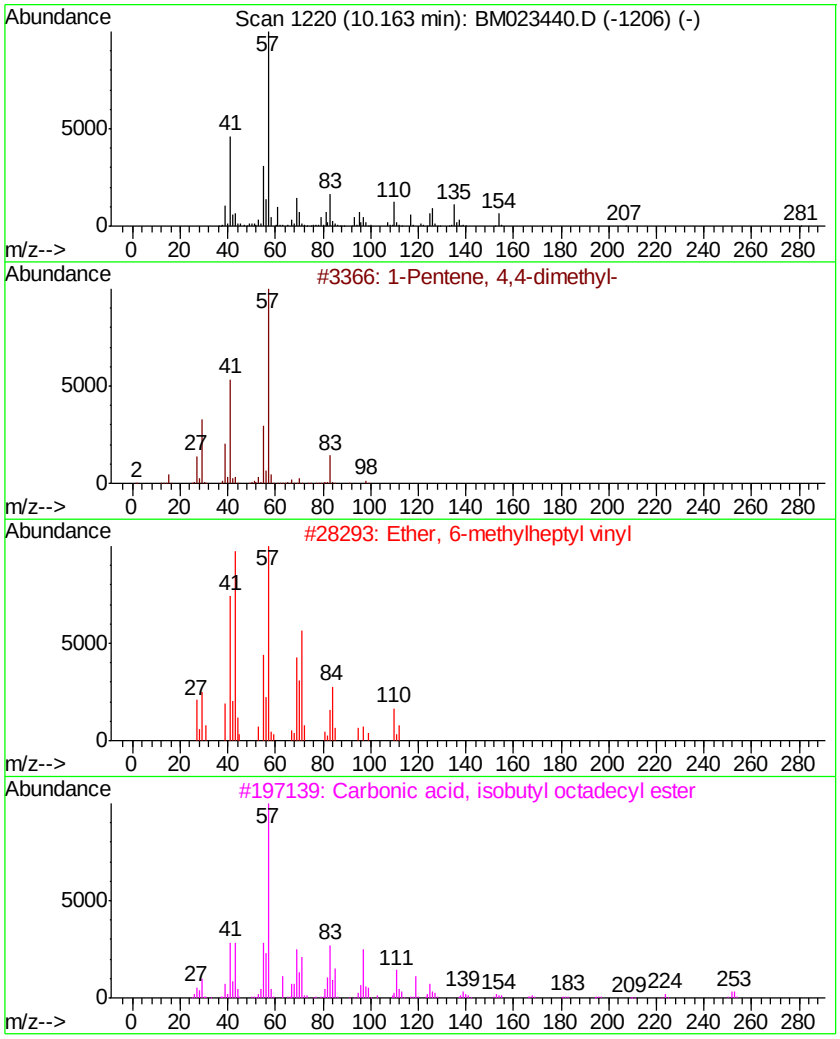
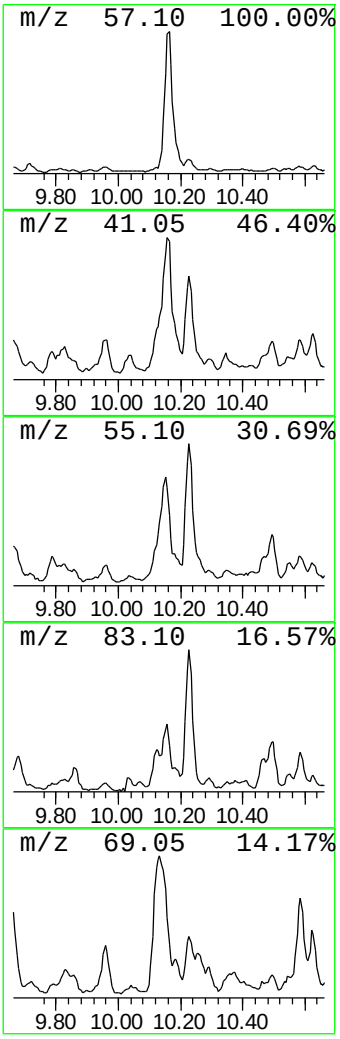
Peak Number 16 (DEL) Alkane: Cyclic10.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	14.93 ng/ul	2704120	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	22
2	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	17
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	17
4	Heptane, 1-bromo-	178	C7H15Br	000629-04-9	14
5	Hexanoyl chloride, 3,5,5-trimethyl-	176	C9H17ClO	036727-29-4	12





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Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

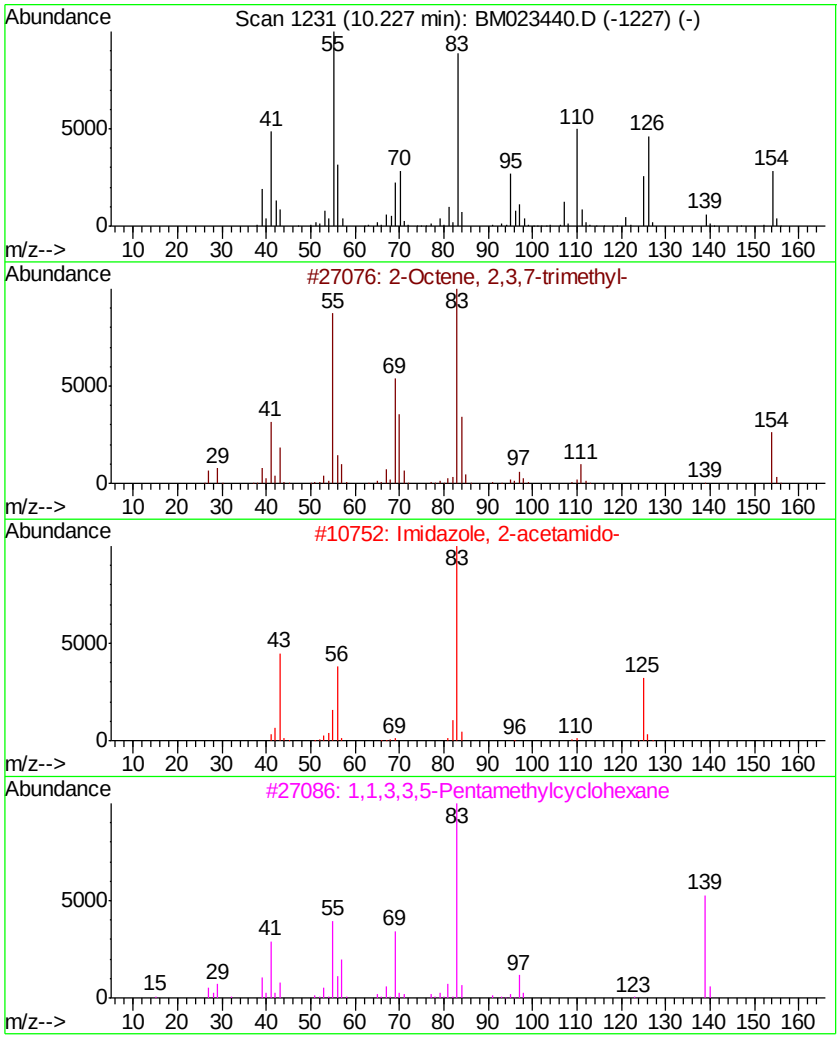
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

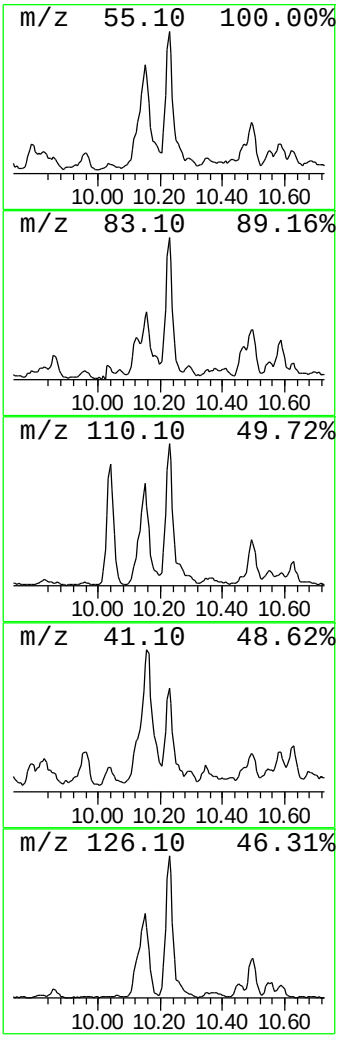
****

Peak Number 17 (DEL) Alkane: Cyclic10.23 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	6.42 ng/ul	1162570	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	43
2	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	38
3	1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	27
4	1,3-Cyclohexanedione, 2,5,5-trim...	154	C9H14O2	001125-11-7	27
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	22





Library Search Compound Report

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Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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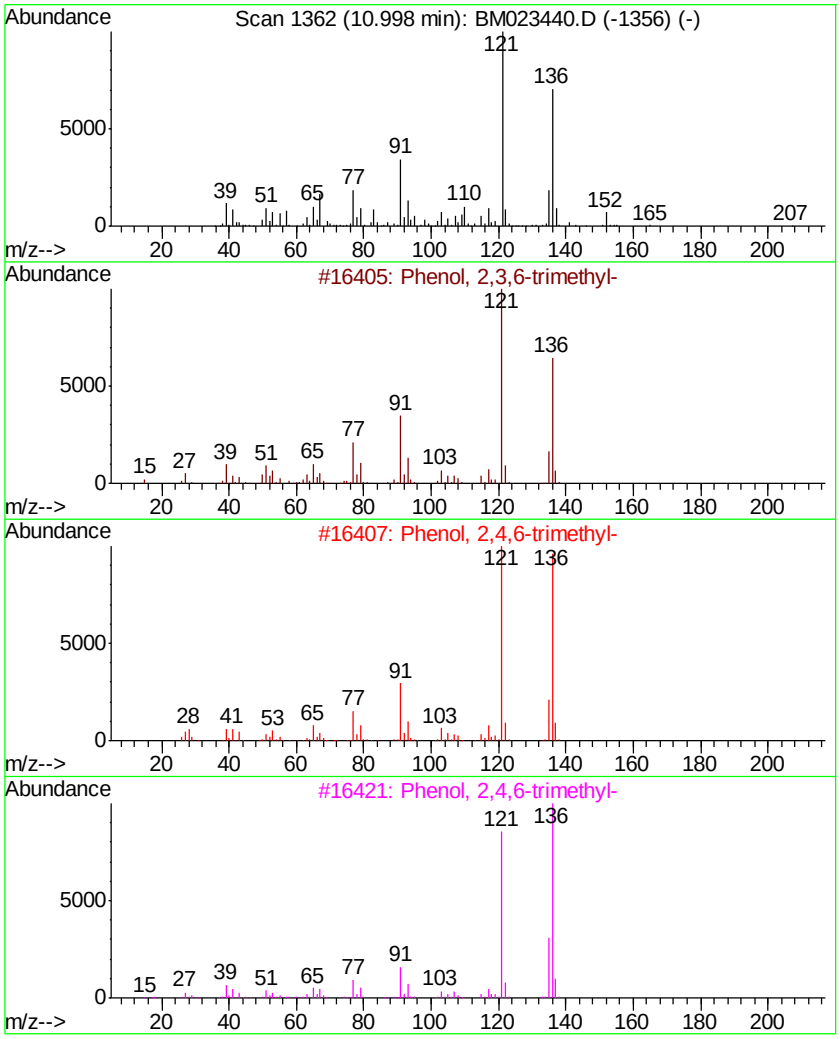
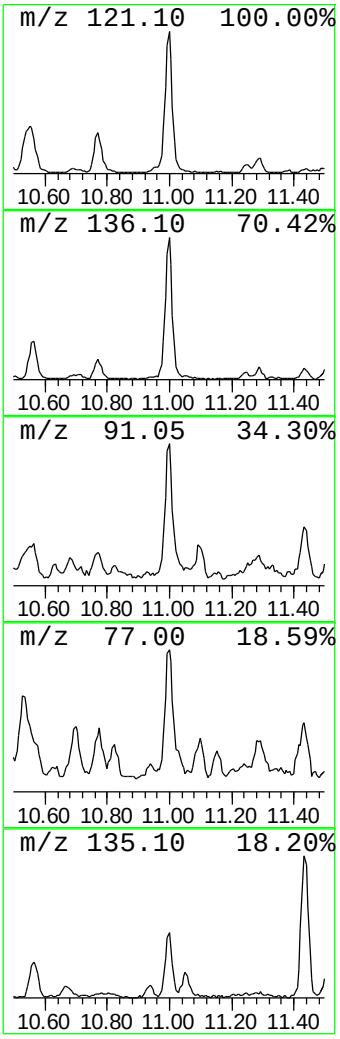
Peak Number 18 Phenol, 2,3,6-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.18 ng/ul	757443	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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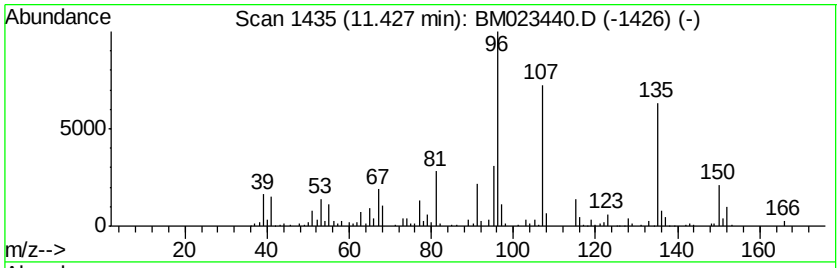
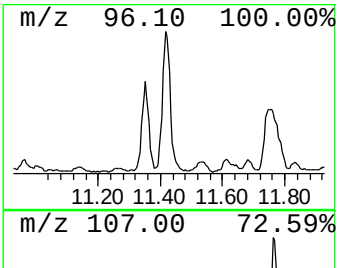
Peak Number 19 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	4.95 ng/ul	895576	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	86
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	42
3	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	38
4	Benzene, fluoro-	96	C6H5F	000462-06-6	38
5	2(1H)-Pyrimidinone	96	C4H4N2O	000557-01-7	35





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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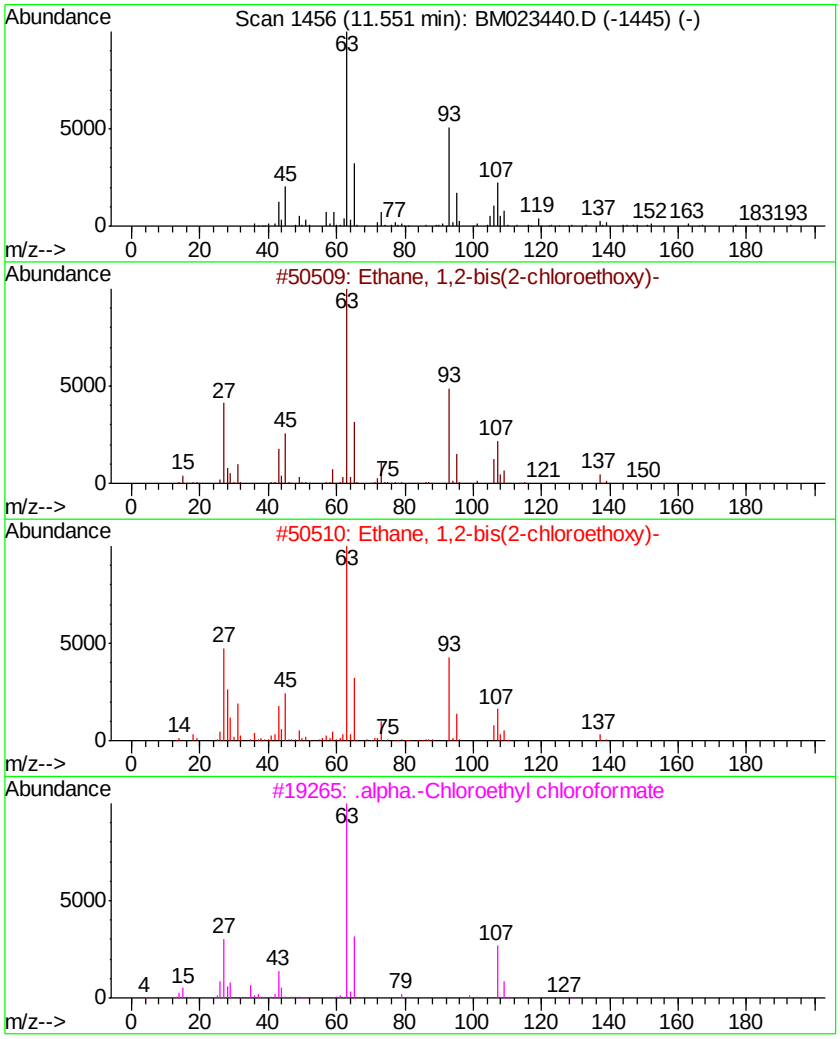
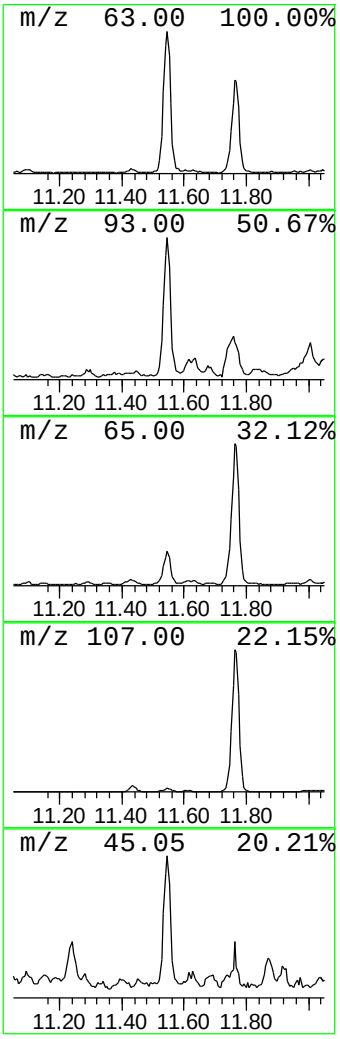
Peak Number 20 Ethane, 1,2-bis(2-chloroeth... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.20 ng/ul	760496	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	91
2	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	86
3	.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	64
4	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56
5	Bis(2-chloroethyl) ether	142	C4H8Cl2O	000111-44-4	56





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Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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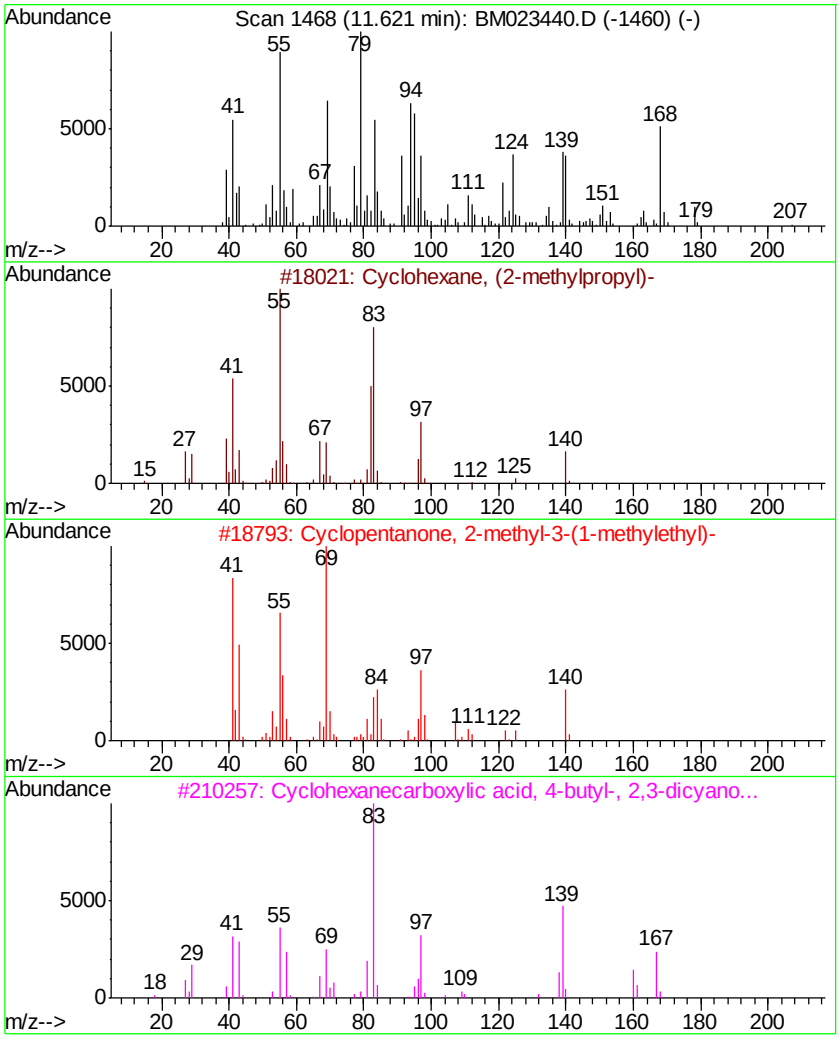
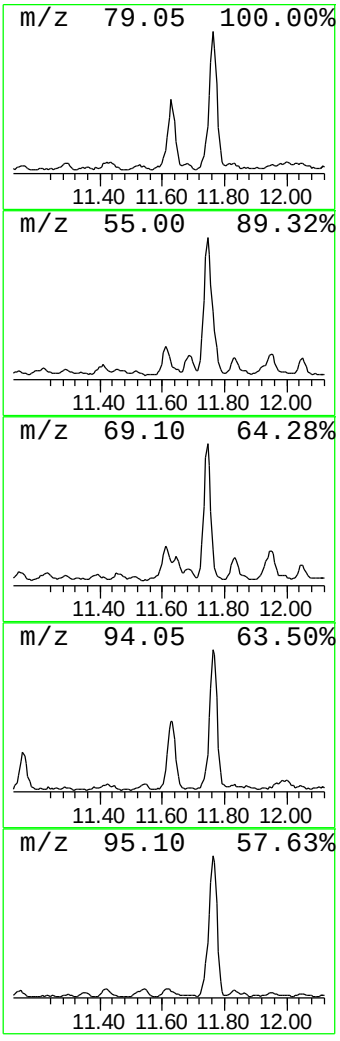
Peak Number 21 (DEL) Alkane: Cyclic11.62 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	5.16 ng/ul	933943	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
2	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	25
3	Cyclohexanecarboxylic acid, 4-bu...	396	C24H32N2O3	075941-51-4	22
4	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	22
5	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	22





Library Search Compound Report

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Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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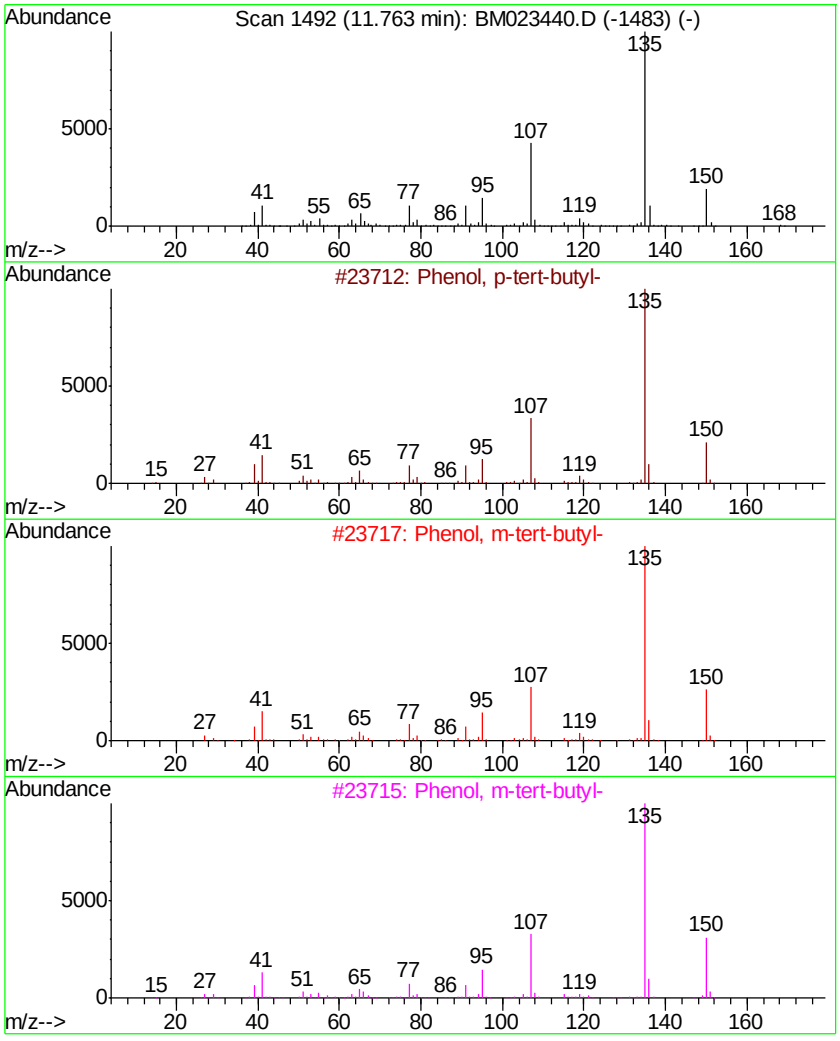
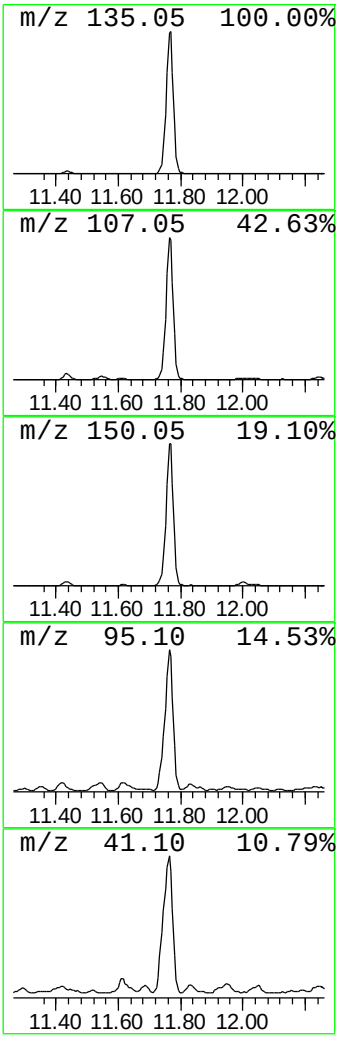
Peak Number 22 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	66.70 ng/ul	12079600	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
5	Hexestrol	270	C18H22O2	000084-16-2	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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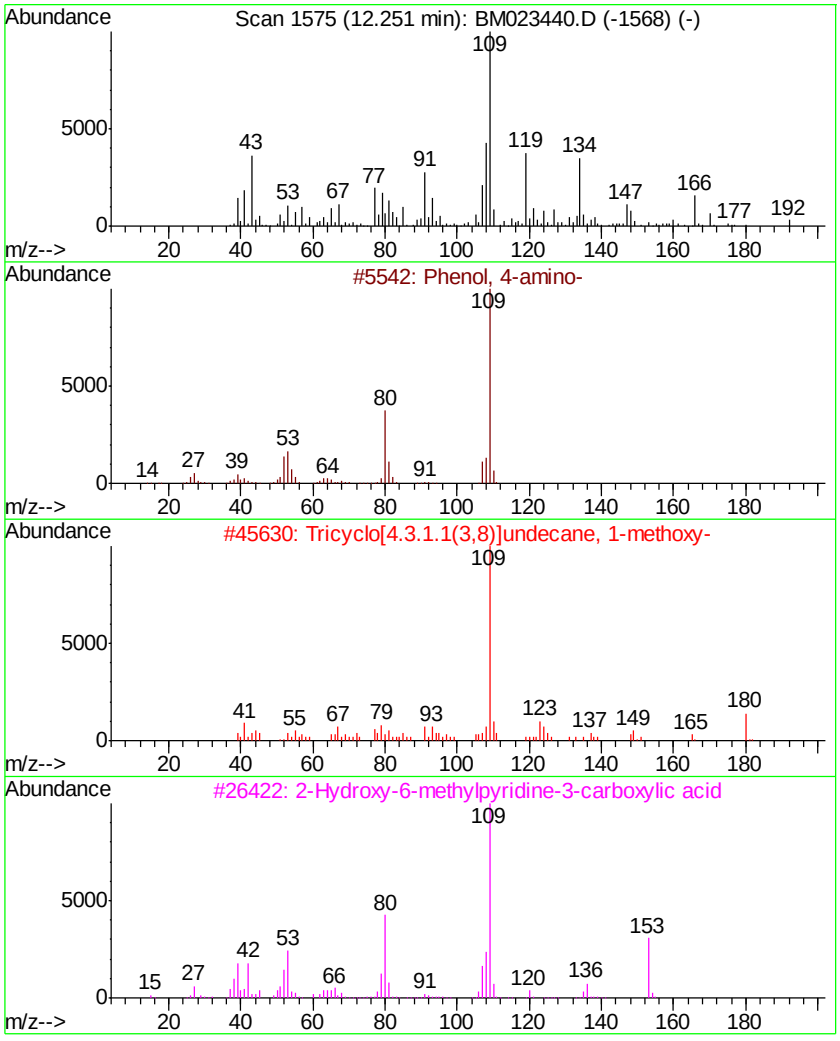
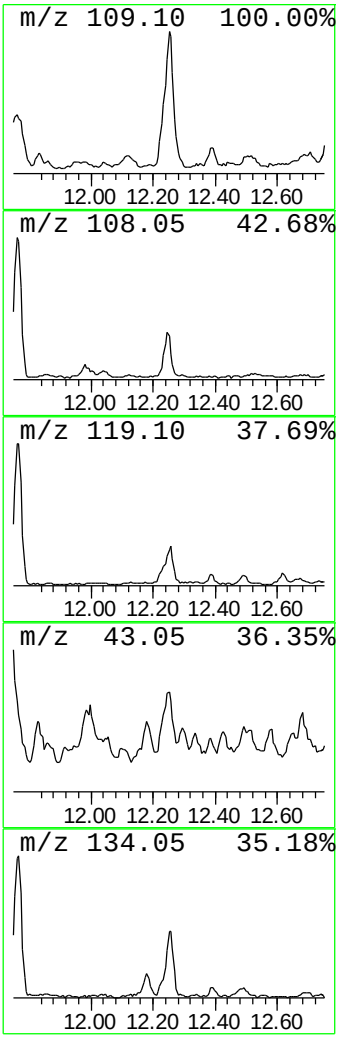
Peak Number 23 unknown-06 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.66 ng/ul	844567	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-amino-	109	C6H7NO	000123-30-8	35
2	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	35
3	2-Hydroxy-6-methylpyridine-3-car...	153	C7H7NO3	038116-61-9	32
4	3-Pyridinol, 6-methyl-	109	C6H7NO	001121-78-4	30
5	Phenol, 4-amino-	109	C6H7NO	000123-30-8	27





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Acq On : 29 Oct 2019 13:33
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Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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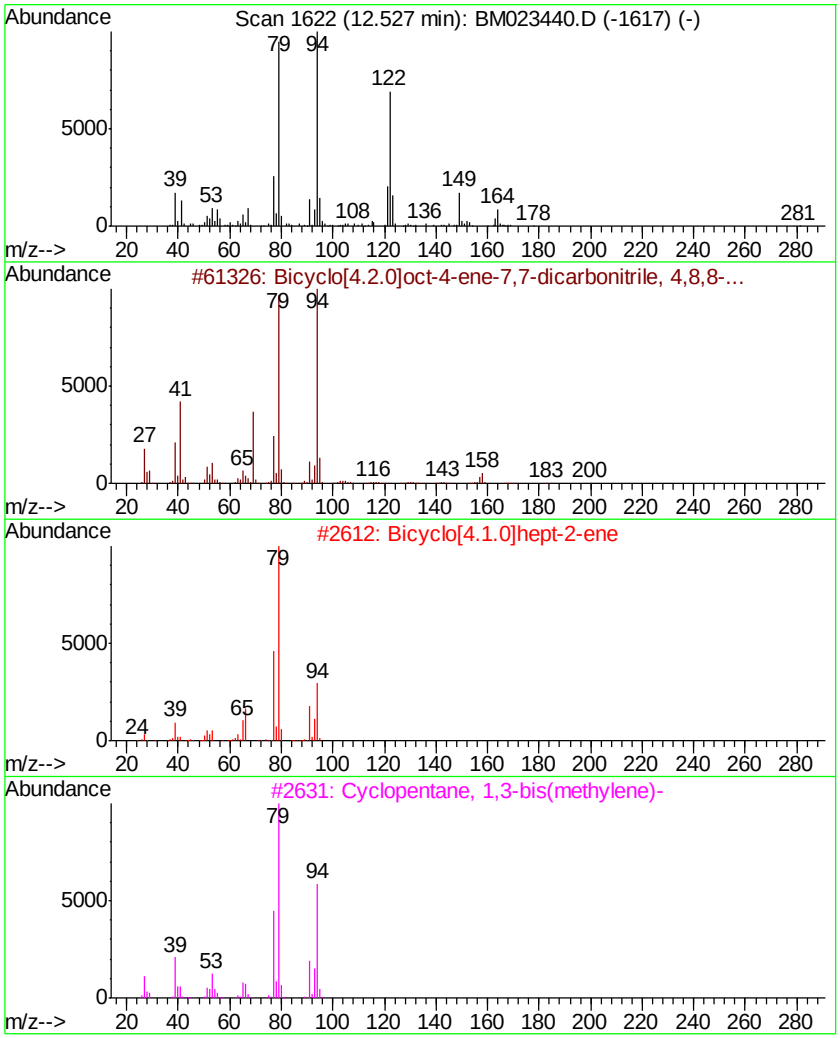
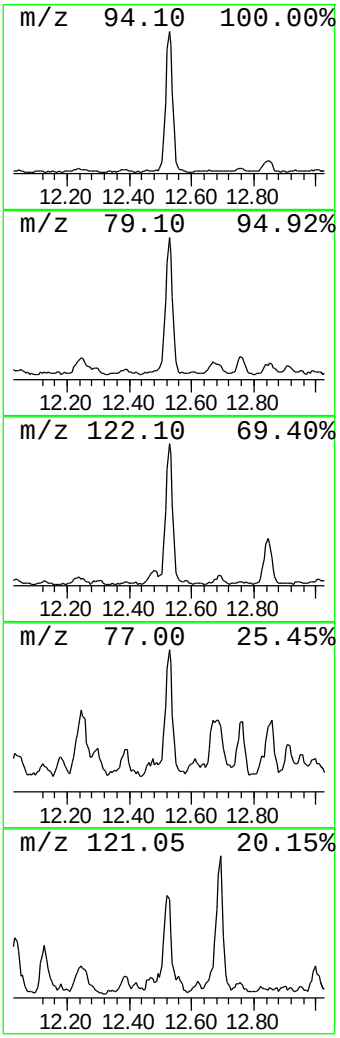
Peak Number 24 Bicyclo[4.2.0]oct-4-ene-7,7... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.59 ng/ul	775568	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]oct-4-ene-7,7-dica...	200	C13H16N2	1000163-03-5	53
2	Bicyclo[4.1.0]hept-2-ene	94	C7H10	002566-57-6	53
3	Cyclopentane, 1,3-bis(methylene)-	94	C7H10	059219-48-6	50
4	Bicyclo[3.2.2]non-8-en-6-ol, (1R...	138	C9H14O	1000141-73-3	50
5	1-Methylcyclohexa-1,3-diene	94	C7H10	1000298-96-0	50





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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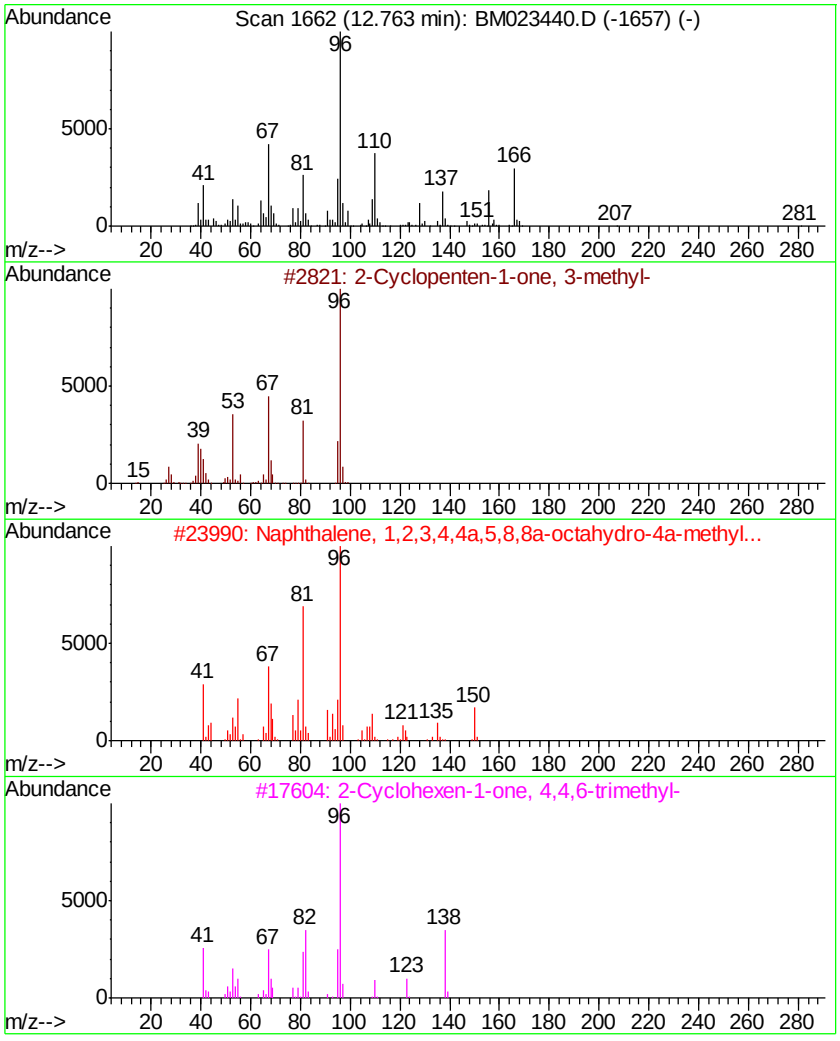
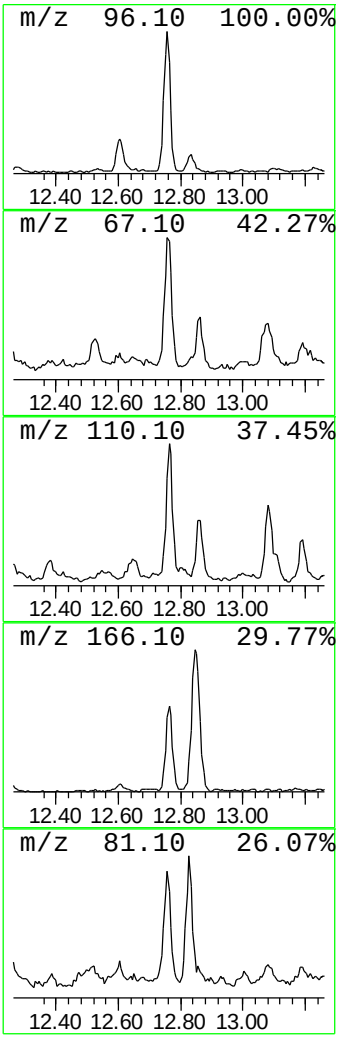
Peak Number 25 unknown-07 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	2.64 ng/ul	788249	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	43
2	Naphthalene, 1,2,3,4,4a,5,8,8a-o...	150	C11H18	021789-56-0	40
3	2-Cyclohexen-1-one, 4,4,6-trimet...	138	C9H14O	013395-73-8	40
4	1H-Imidazole-5-ethanamine, 1-met...	125	C6H11N3	000644-42-8	38
5	Cyclohexane, 1-ethenyl-2-methyl-...	124	C9H16	034780-45-5	37





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

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Quant Title : SVOA CALIBRATION

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

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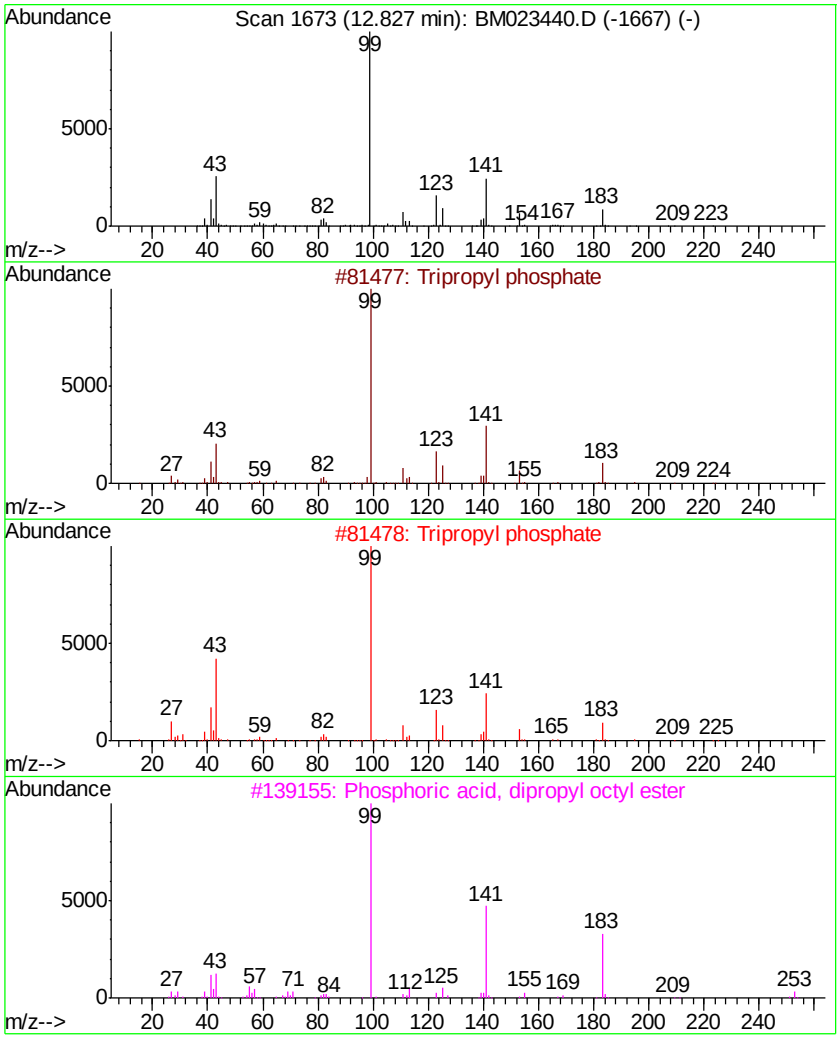
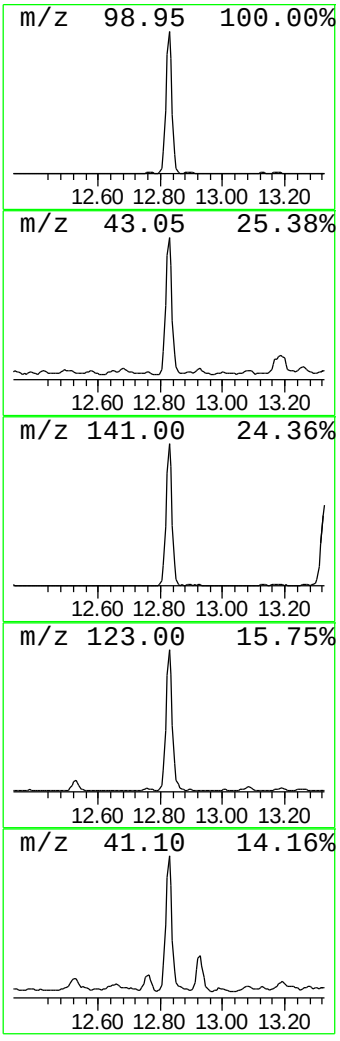
Peak Number 26 Tripropyl phosphate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	14.88 ng/ul	4450830	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	52
3	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	50
4	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	40
5	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	28





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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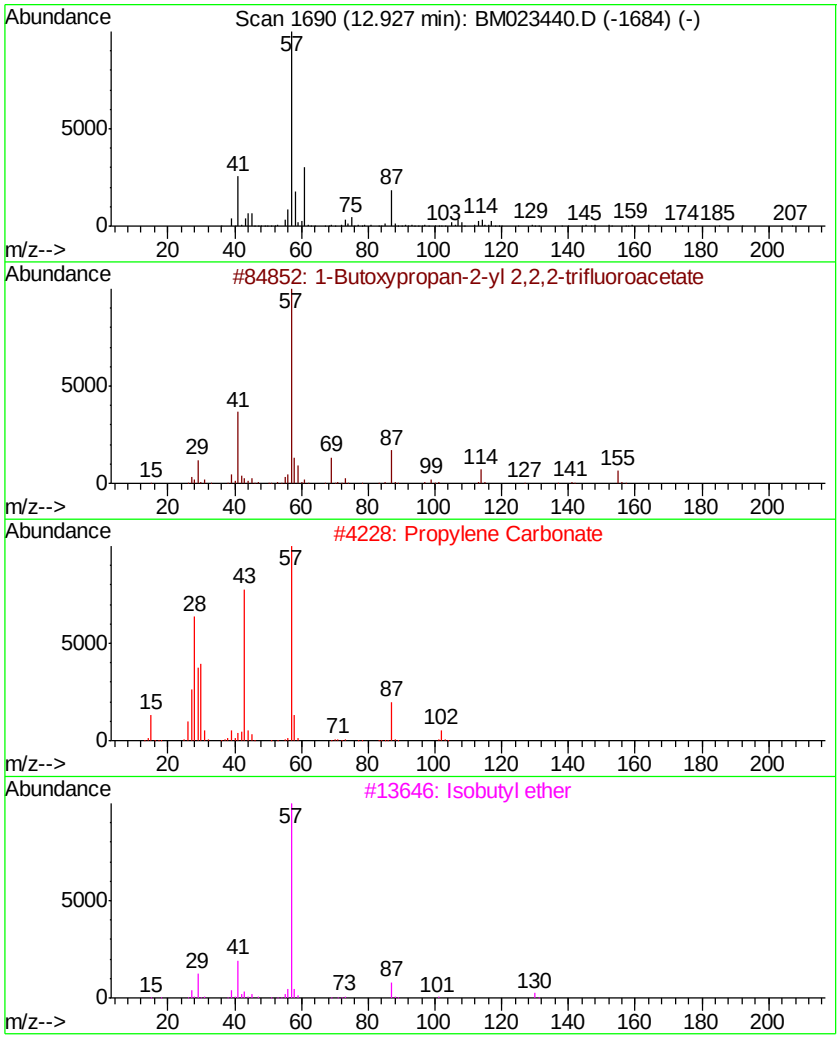
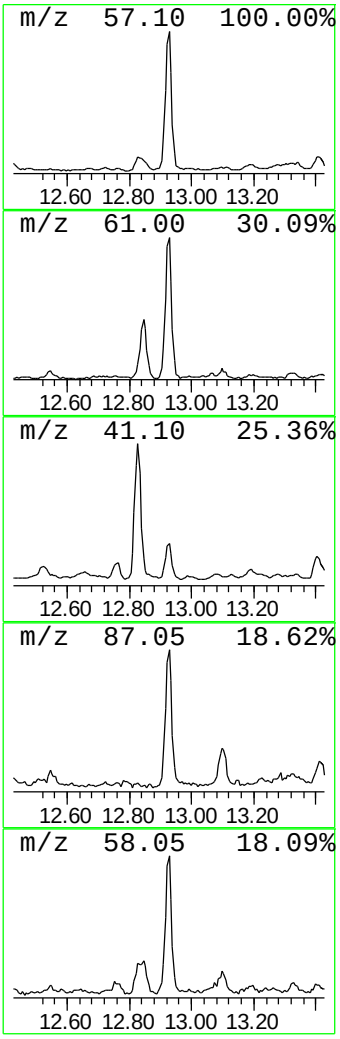
Peak Number 27 unknown-08 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.40 ng/ul	717916	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butoxypropan-2-yl 2,2,2-triflu...	228	C9H15F3O3	1000367-08-1	25
2	Propylene Carbonate	102	C4H6O3	000108-32-7	23
3	Isobutyl ether	130	C8H18O	000628-55-7	17
4	Malonic acid, dihydroxy-, diisob...	248	C11H20O6	1000160-03-6	10
5	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	10





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ALS Vial : 9 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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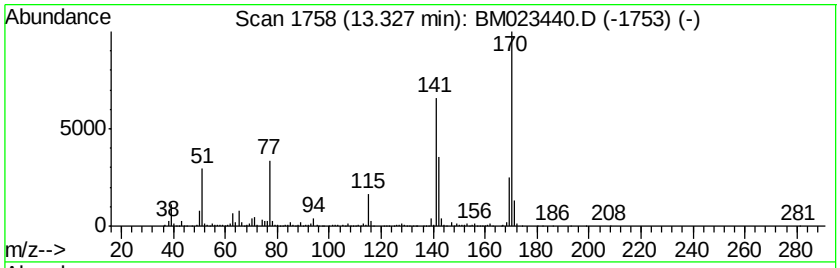
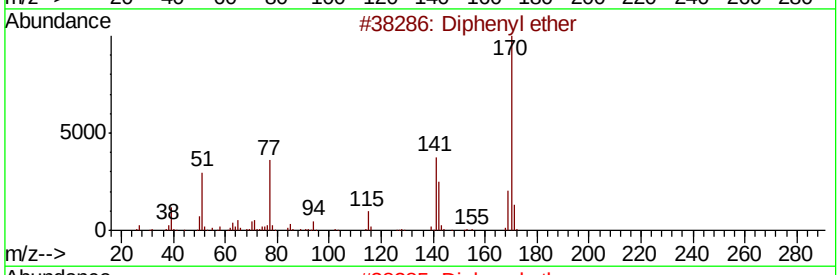
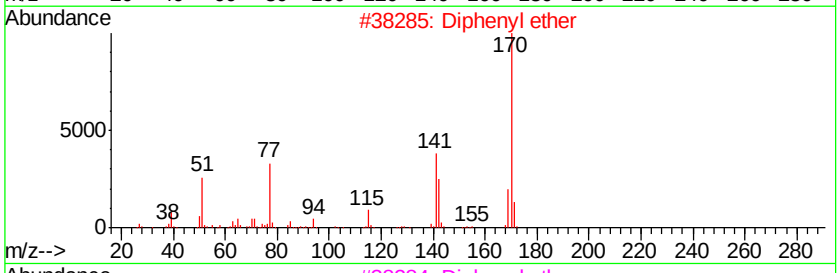
Peak Number 28 Diphenyl ether Concentration Rank 38

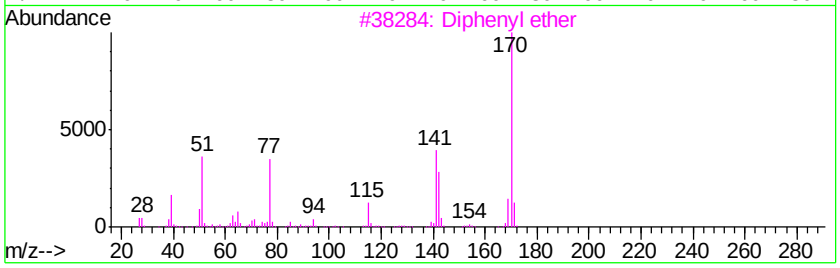
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	5.58 ng/ul	1667660	Acenaphthene-d10	14.27

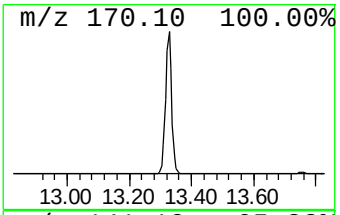
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	87
2	Diphenyl ether	170	C12H10O	000101-84-8	87
3	Diphenyl ether	170	C12H10O	000101-84-8	83
4	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	74
5	Phenol, O-(ethylsulfinyl)-	170	C8H10O2S	029634-40-0	50

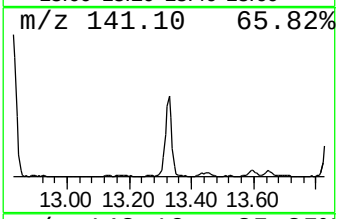


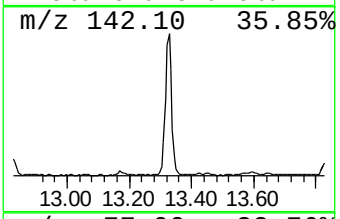


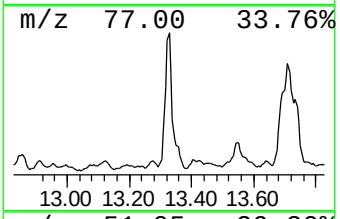


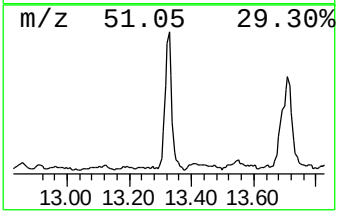












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

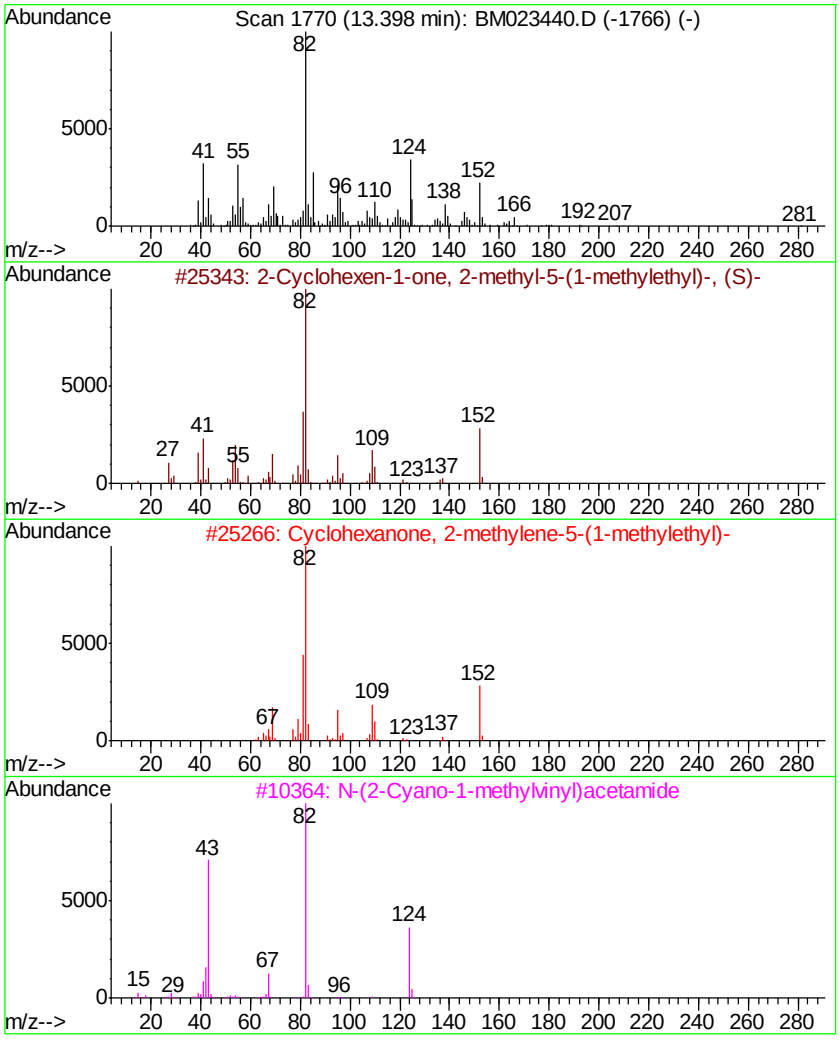
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

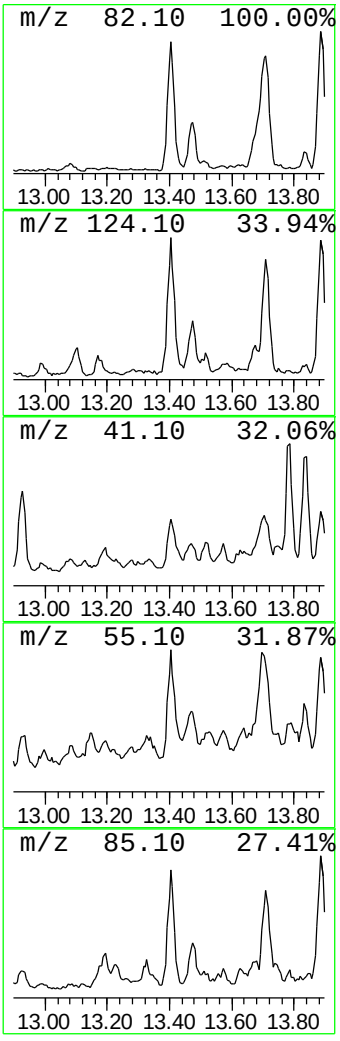
****

Peak Number 29 unknown-09 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.49 ng/ul	1044340	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 2-methyl-5-(...	152	C10H16O	000499-71-8	49
2	Cyclohexanone, 2-methylene-5-(1-...	152	C10H16O	015297-07-1	47
3	N-(2-Cyano-1-methylvinyl)acetamide	124	C6H8N2O	027036-87-9	43
4	Bicyclo[4.1.0]heptan-2-one, 3,7,...	152	C10H16O	000497-62-1	43
5	Furan, 3-pentyl-	138	C9H14O	006177-84-0	43





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Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

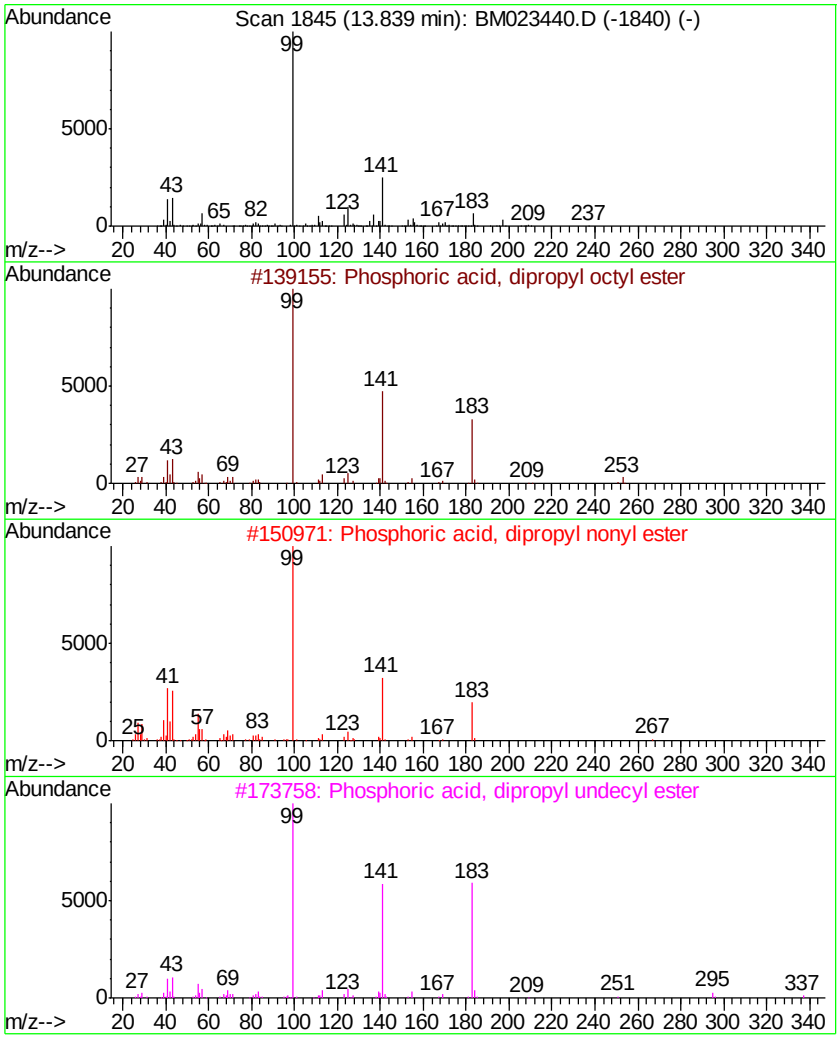
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

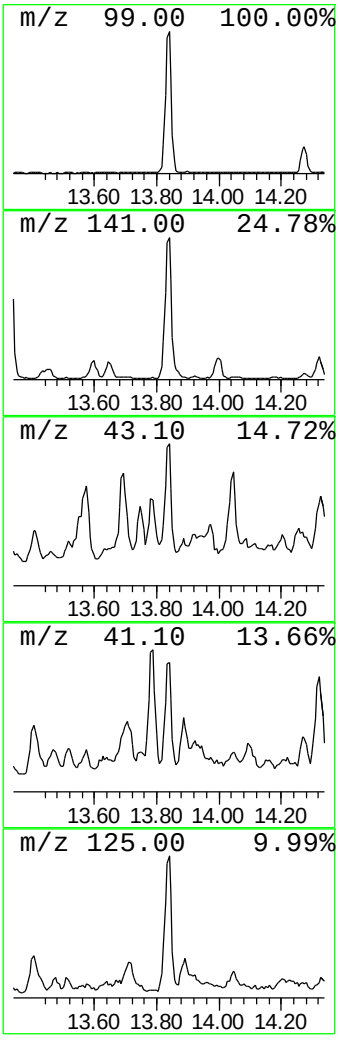
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phosphoric acid, dipropyl o... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.19 ng/ul	1253550	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	64
2	Phosphoric acid, dipropyl nonyl ...	308	C15H33O4P	1000309-01-0	64
3	Phosphoric acid, dipropyl undecy...	336	C17H37O4P	1000308-95-7	45
4	Tripropyl phosphate	224	C9H21O4P	000513-08-6	45
5	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

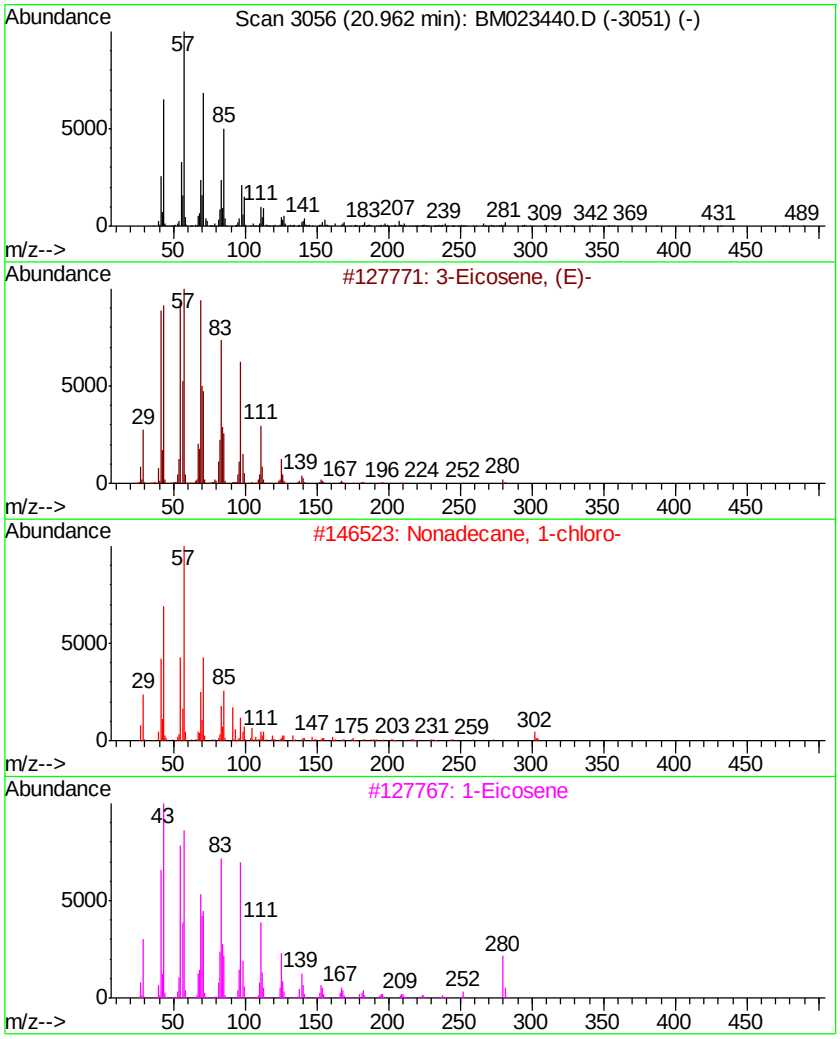
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

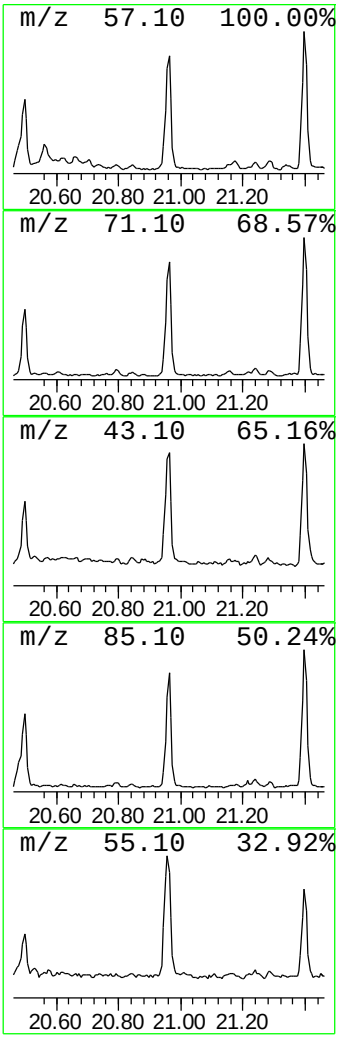
****

Peak Number 65 (DEL) Alkane: Cyclic20.96 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.08 ng/ul	1696120	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	94
3	1-Eicosene	280	C20H40	003452-07-1	91
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

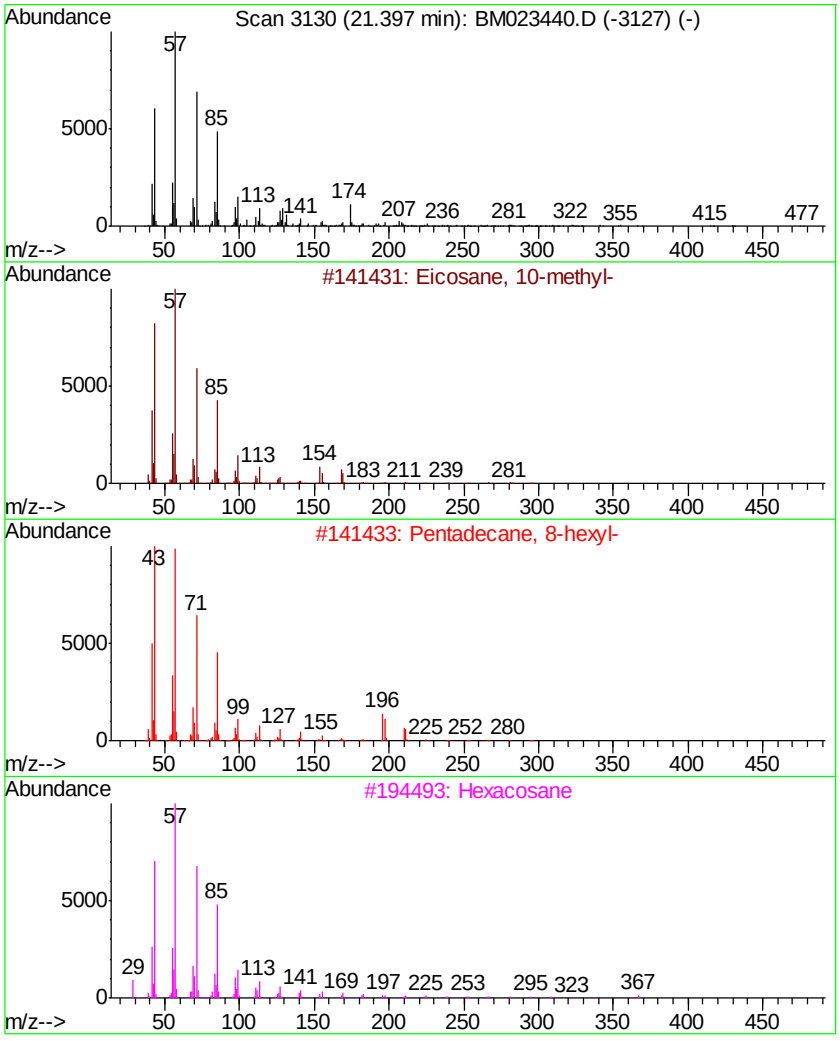
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

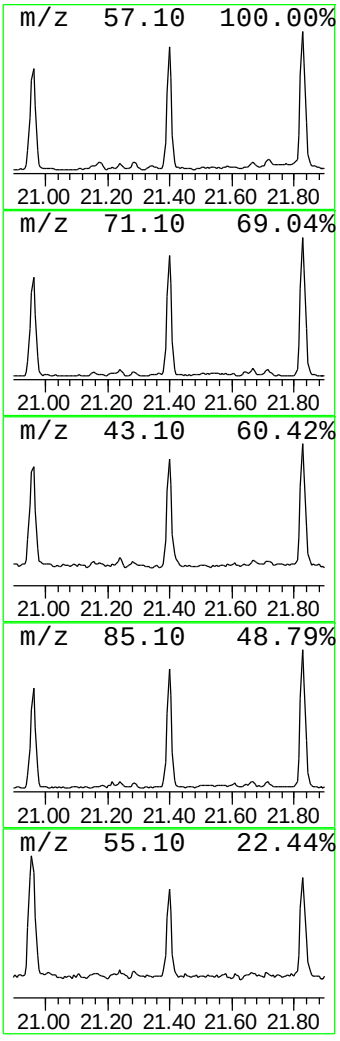
****

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	5.04 ng/ul	1684070	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

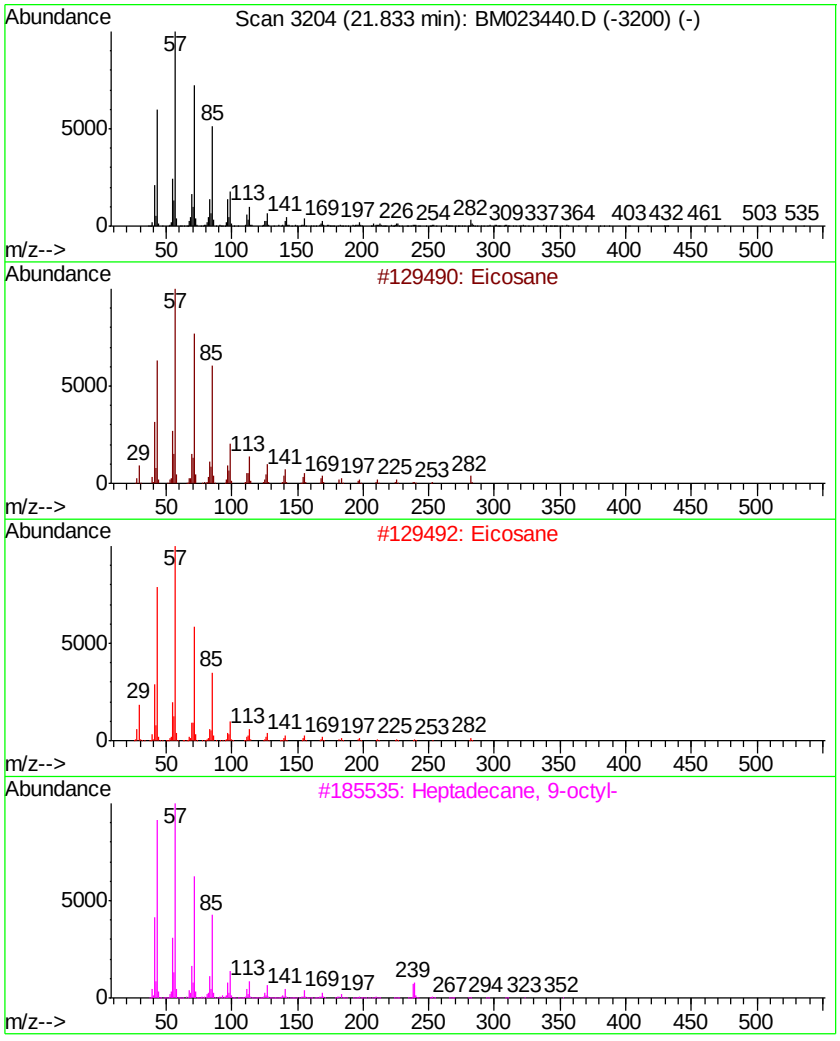
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

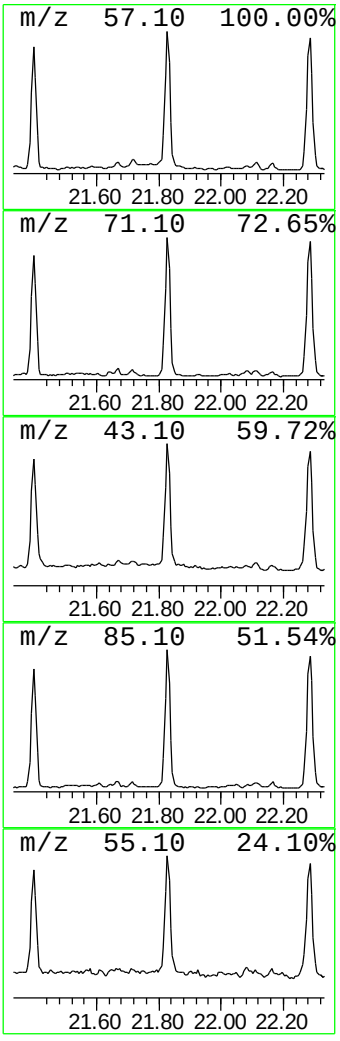
****

Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	4.81 ng/ul	1607030	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

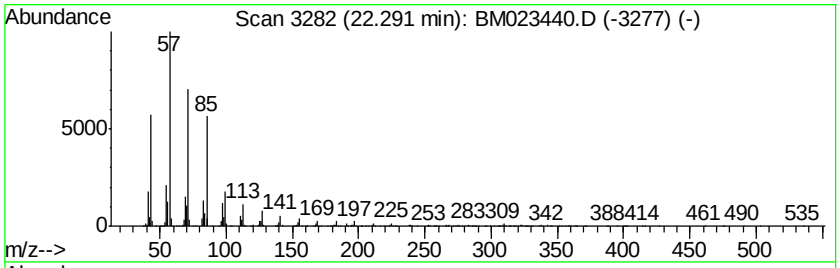
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

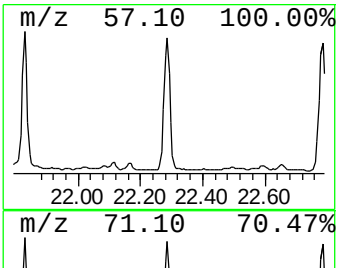
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	5.70 ng/ul	1903850	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

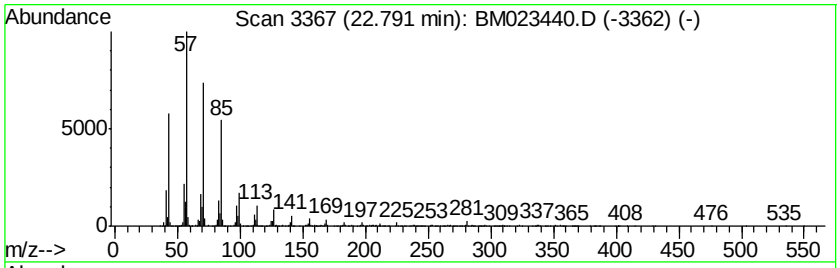
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

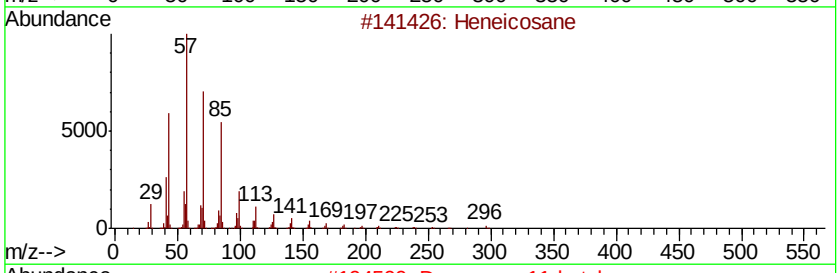
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

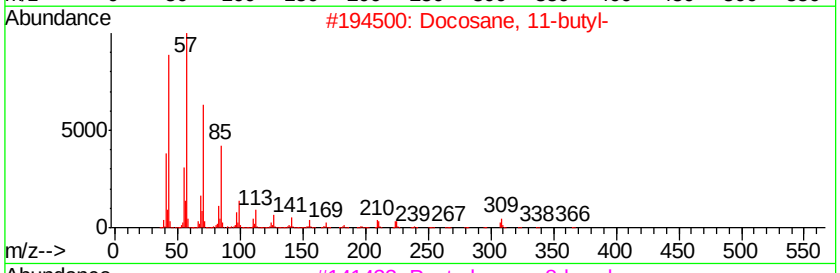
****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 50

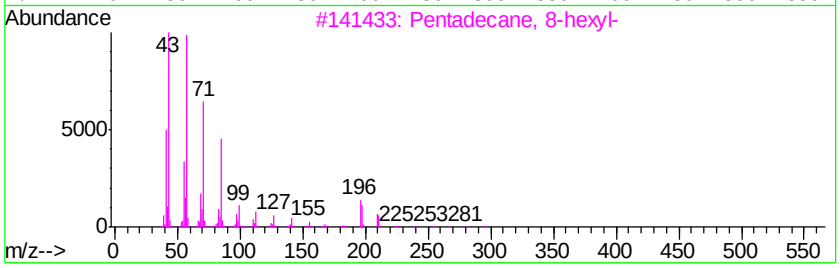
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	4.70 ng/ul	1677910	Perylene-d12	23.41

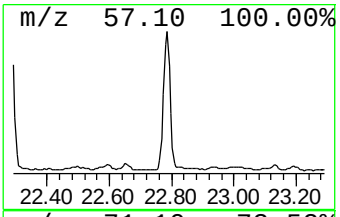
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93

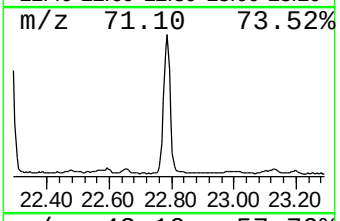


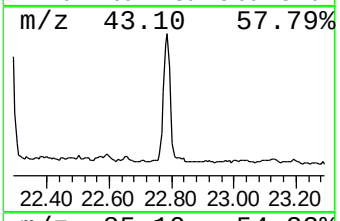


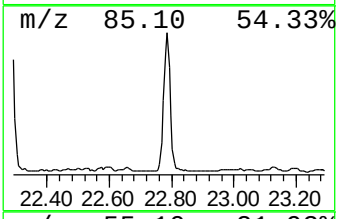


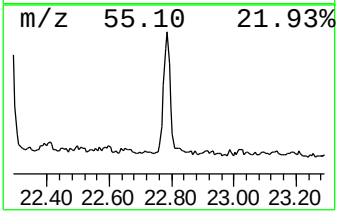












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

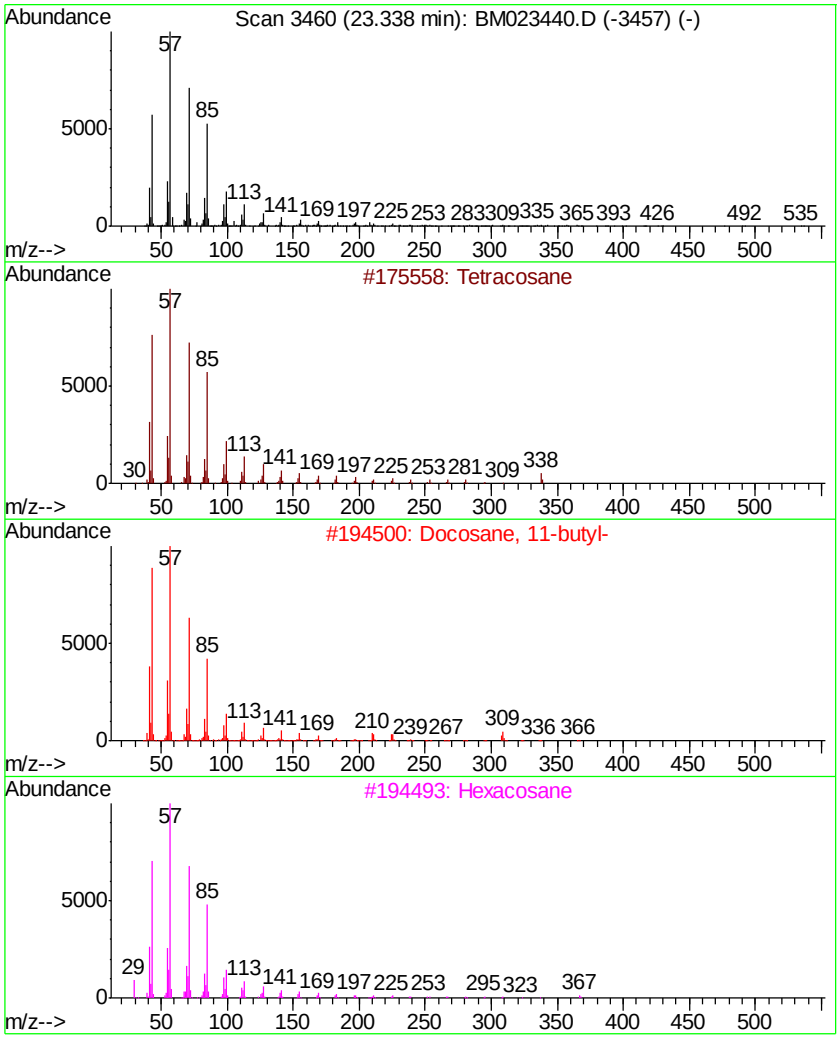
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

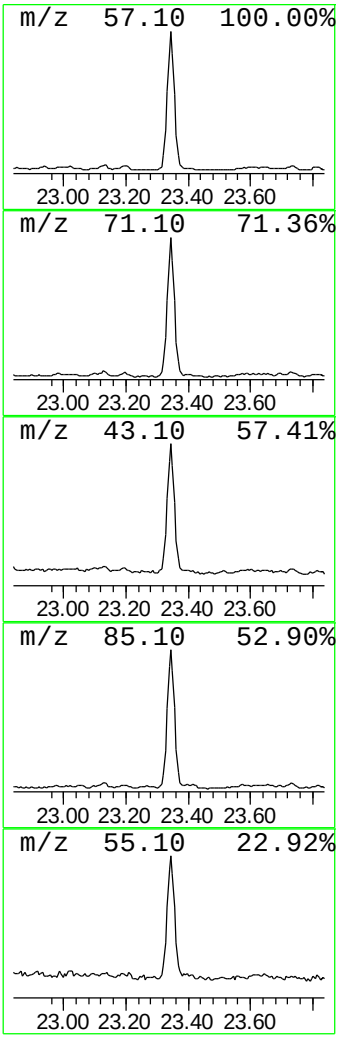
****

Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	5.35 ng/ul	1910710	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Hexacosane	366	C26H54	000630-01-3	94
4	Tetracosane	338	C24H50	000646-31-1	94
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	94





Library Search Compound Report

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Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

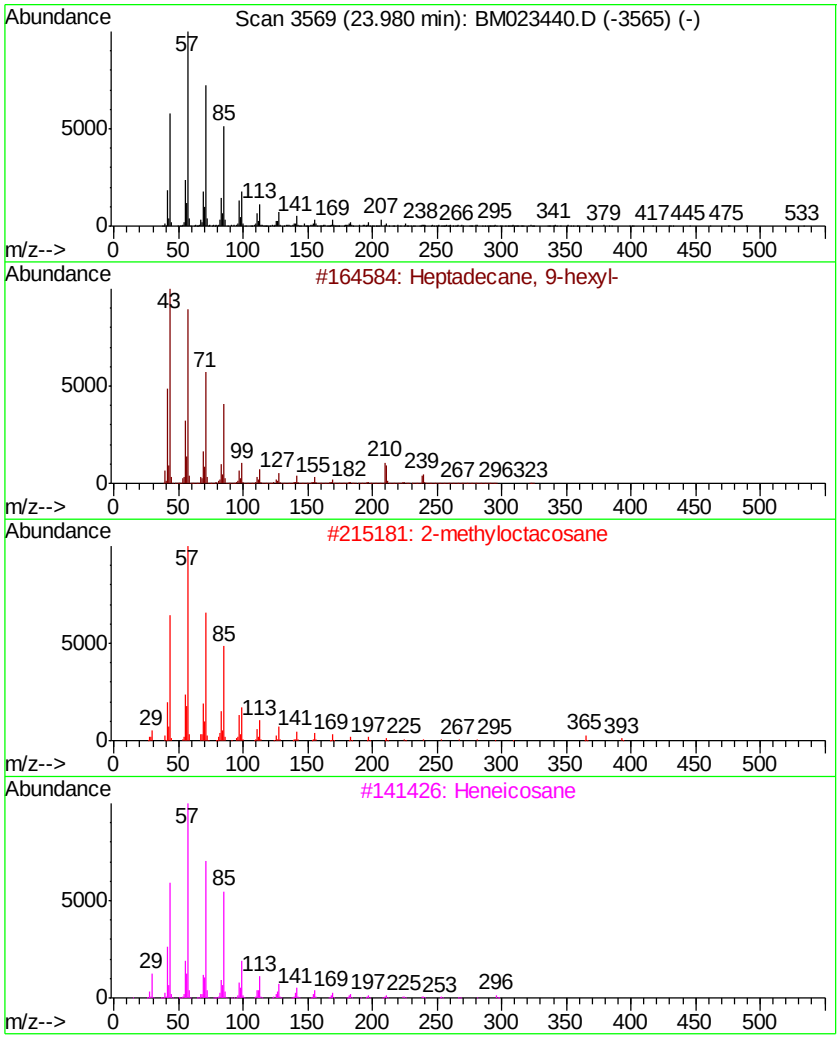
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

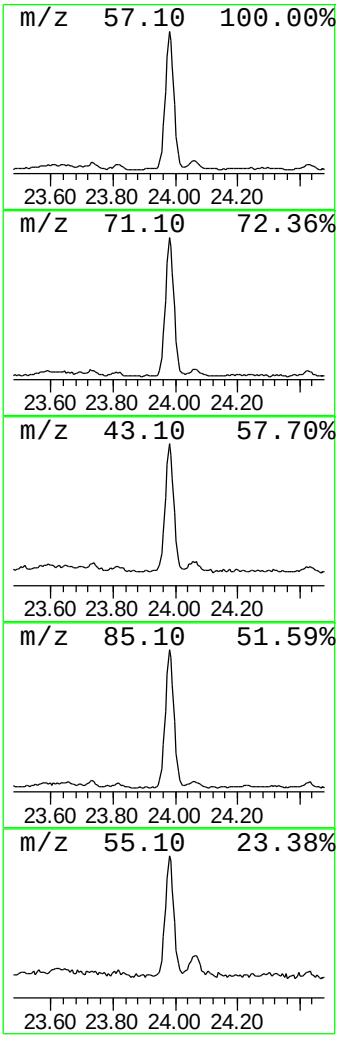
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.48 ng/ul	1600880	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102919\
Data File : BM023440.D
Acq On : 29 Oct 2019 13:33
Operator : JU
Sample : K5423-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
Benzene, chloro-	4.97	391.1	ng/ul	61793700	1	7.62	3160280	20.0
unknown-01	5.37	7.0	ng/ul	1104900	1	7.62	3160280	20.0
Benzene, (1-methy...	6.13	132.0	ng/ul	20854300	1	7.62	3160280	20.0
3-Heptanone, 6-me...	6.32	9.3	ng/ul	1468090	1	7.62	3160280	20.0
Benzyl chloride	6.62	14.6	ng/ul	2312350	1	7.62	3160280	20.0
4-Pyridinol, acet...	7.35	9.0	ng/ul	1422810	1	7.62	3160280	20.0
unknown-02	7.84	13.5	ng/ul	2126270	1	7.62	3160280	20.0
Indane	7.99	10.0	ng/ul	1580670	1	7.62	3160280	20.0
(DEL) Alkane: Cyc...	8.62	7.3	ng/ul	1155810	1	7.62	3160280	20.0
unknown-03	8.86	10.7	ng/ul	1692280	1	7.62	3160280	20.0
Benzene, 2-ethyl-...	9.25	7.0	ng/ul	1264020	2	10.40	3622120	20.0
unknown-04	9.42	6.3	ng/ul	1150680	2	10.40	3622120	20.0
unknown-05	9.55	4.7	ng/ul	849765	2	10.40	3622120	20.0
1H-Indene, 2,3-di...	9.66	5.0	ng/ul	909370	2	10.40	3622120	20.0
4H-1,3-Benzodioxin	9.82	17.6	ng/ul	3192820	2	10.40	3622120	20.0
(DEL) Alkane: Cyc...	10.16	14.9	ng/ul	2704120	2	10.40	3622120	20.0
(DEL) Alkane: Cyc...	10.23	6.4	ng/ul	1162570	2	10.40	3622120	20.0
Phenol, 2,3,6-tri...	11.00	4.2	ng/ul	757443	2	10.40	3622120	20.0
Phenol, 2-(1,1-di...	11.43	5.0	ng/ul	895576	2	10.40	3622120	20.0
Ethane, 1,2-bis(2...	11.55	4.2	ng/ul	760496	2	10.40	3622120	20.0
(DEL) Alkane: Cyc...	11.62	5.2	ng/ul	933943	2	10.40	3622120	20.0
Phenol, p-tert-bu...	11.76	66.7	ng/ul	12079600	2	10.40	3622120	20.0
unknown-06	12.25	4.7	ng/ul	844567	2	10.40	3622120	20.0
Bicyclo[4.2.0]oct...	12.53	2.6	ng/ul	775568	3	14.27	5982340	20.0
unknown-07	12.76	2.6	ng/ul	788249	3	14.27	5982340	20.0
Tripropyl phosphate	12.83	14.9	ng/ul	4450830	3	14.27	5982340	20.0
unknown-08	12.93	2.4	ng/ul	717916	3	14.27	5982340	20.0
Diphenyl ether	13.33	5.6	ng/ul	1667660	3	14.27	5982340	20.0
unknown-09	13.40	3.5	ng/ul	1044340	3	14.27	5982340	20.0
Phosphoric acid, ...	13.84	4.2	ng/ul	1253550	3	14.27	5982340	20.0
(DEL) Alkane: Cyc...	20.96	5.1	ng/ul	1696120	5	21.22	6676660	20.0
(DEL) Alkane: Str...	21.40	5.0	ng/ul	1684070	5	21.22	6676660	20.0
(DEL) Alkane: Str...	21.83	4.8	ng/ul	1607030	5	21.22	6676660	20.0
(DEL) Alkane: Str...	22.29	5.7	ng/ul	1903850	5	21.22	6676660	20.0
(DEL) Alkane: Str...	22.79	4.7	ng/ul	1677910	6	23.41	7139680	20.0
(DEL) Alkane: Str...	23.34	5.3	ng/ul	1910710	6	23.41	7139680	20.0
(DEL) Alkane: Str...	23.98	4.5	ng/ul	1600880	6	23.41	7139680	20.0