LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

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-BM092719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	47	rBV	52424	56850	1.95%	0.122%
2	3.287	47	51	66	rVB	1130293	1440158	49.34%	3.092%
3	3.710	119	123	129	rBV	133918	158340	5.43%	0.340%
4	3.969	162	167	175	rVB2	34156	59097	2.02%	0.127%
5	4.246	209	214	221	rVV	265116	336884	11.54%	0.723%
6	4.316	222	226	239	rVV2	32483	55917	1.92%	0.120%
7	4.422	240	244	252	rVV	362020	473347	16.22%	1.016%
8	4.875	311	321	330	rBV	432122	578585	19.82%	1.242%
9	5.446	410	418	424	rVB	31272	70445	2.41%	0.151%
10	5.734	463	467	473	rVV	53352	79470	2.72%	0.171%
11	5.793	473	477	484	rVV	36251	56267	1.93%	0.121%
12	6.275	553	559	567	rBV	55143	87791	3.01%	0.189%
13	6.763	634	642	649	rBV	106682	207720	7.12%	0.446%
14	6.934	664	671	680	rVV4	133431	350306	12.00%	0.752%
15	7.104	694	700	707	rBV	303646	495865	16.99%	1.065%
16	7.169	707	711	715	rVV	44927	70078	2.40%	0.150%
17	7.304	729	734	745	rVV	370949	588783	20.17%	1.264%
18	7.422	748	754	761	rVB	547338	843255	28.89%	1.811%
19	7.769	805	813	821	rBV	611234	985483	33.76%	2.116%
20	7.840	821	825	829	rVV	82339	125464	4.30%	0.269%
21	7.887	829	833	842	rVB2	115849	239729	8.21%	0.515%
22	8.010	850	854	860	rBV	54275	93221	3.19%	0.200%
23	8.145	869	877	883	rVB2	175138	314325	10.77%	0.675%
24	8.269	892	898	902	rBV	58066	91612	3.14%	0.197%
25	8.322	902	907	918	rVB	65874	137282	4.70%	0.295%
26	8.416	918	923	926	rBV2	75020	120538	4.13%	0.259%
27	8.475	926	933	941	rVB2	300901	524315	17.96%	1.126%
28	8.598	946	954	959	rVV4	24749	65741	2.25%	0.141%
29	8.663	959	965	968	rVV	28667	52425	1.80%	0.113%
30	8.728	971	976	980	rVV	107524	166115	5.69%	0.357%
31	8.775	980	984	992	rVV	100793	159303	5.46%	0.342%
32	8.875	993	1001	1005	rVV	265933	441465	15.13%	0.948%
33	8.928	1005	1010	1022	rVV2	368563	820870	28.12%	1.763%
34	9.116	1034	1042	1051	rBV9	23346	69872	2.39%	0.150%

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Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

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-BM092719MA.M
Title : SVOA CALIBRATION

35	9.210	1051	1058	1063	rVV3	29397	70813	2.43%	0.152%
36	9.281	1064	1070	1077	rVV6	25945	53826	1.84%	0.116%
37	9.398	1085	1090	1095	rVV	195918	306415	10.50%	0.658%
38	9.457	1095	1100	1112	rVV	292524	462127	15.83%	0.992%
39	9.645	1126	1132	1139	rBV	326852	561872	19.25%	1.206%
40	9.739	1143	1148	1156	rVV3	53415	130301	4.46%	0.280%
41	9.816	1156	1161	1169	rVV	109455	200601	6.87%	0.431%
42	9.969	1178	1187	1194	rVV3	332188	659233	22.59%	1.415%
43	10.045	1194	1200	1206	rVV4	97314	188985	6.48%	0.406%
44	10.181	1216	1223	1233	rVB	538920	960959	32.92%	2.063%
45	10.357	1248	1253	1261	rBV4	27505	63578	2.18%	0.137%
46	10.481	1270	1274	1278	rVV	34496	54474	1.87%	0.117%
47	10.557	1278	1287	1292	rVV	791135	1410218	48.32%	3.028%
48	10.610	1292	1296	1304	rVV	282966	476819	16.34%	1.024%
49	10.692	1304	1310	1321	rVV	365491	705981	24.19%	1.516%
50	11.592	1457	1463	1469	rBV9	20648	52387	1.79%	0.112%
51	11.757	1486	1491	1498	rVB4	29256	52110	1.79%	0.112%
52	11.904	1506	1516	1520	rBV	74475	148750	5.10%	0.319%
53	12.222	1565	1570	1575	rVV	204445	337686	11.57%	0.725%
54	12.328	1584	1588	1595	rVV5	29690	53943	1.85%	0.116%
55	12.445	1599	1608	1613	rVV	258448	423488	14.51%	0.909%
56	12.504	1613	1618	1629	rVB4	40225	87320	2.99%	0.187%
57	12.780	1661	1665	1669	rVV	50165	71774	2.46%	0.154%
58	13.116	1715	1722	1731	rBV2	49181	108115	3.70%	0.232%
59	13.251	1740	1745	1754	rVB2	164952	301088	10.32%	0.646%
60	13.463	1773	1781	1787	rVB2	87677	165535	5.67%	0.355%
61	13.586	1796	1802	1806	rVV4	49114	100146	3.43%	0.215%
62	13.733	1821	1827	1832	rBV2	79144	164751	5.64%	0.354%
63	13.816	1836	1841	1846	rVV	959910	1434167	49.14%	3.079%
64	13.863	1846	1849	1861	rVB	700022	961058	32.93%	2.064%
65	13.963	1861	1866	1869	rBV	39166	61088	2.09%	0.131%
66	14.004	1870	1873	1880	rVB6	28314	55603	1.91%	0.119%
67	14.098	1880	1889	1900	rBV	1048595	1635100	56.02%	3.511%
68	14.322	1921	1927	1932	rVB7	24232	53693	1.84%	0.115%
69	14.410	1932	1942	1947	rBV	1194382	1845756	63.24%	3.963%
70	14.469	1949	1952	1959	rVB	157261	247013	8.46%	0.530%
71	14.604	1969	1975	1988	rBV3	83509	160917	5.51%	0.346%

LSC Area Percent Report

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Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

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-BM092719MA.M
Title : SVOA CALIBRATION

72	14.804	2004	2009	2012	rBV2	53830	84368	2.89%	0.181%
73	15.045	2040	2050	2056	rBV	138038	259785	8.90%	0.558%
74	15.180	2069	2073	2076	rBV	36301	60390	2.07%	0.130%
75	15.298	2086	2093	2098	rVB4	29502	59520	2.04%	0.128%
76	15.404	2104	2111	2116	rBV2	1416938	2201048	75.41%	4.726%
77	15.451	2116	2119	2124	rVB	70967	107453	3.68%	0.231%
78	15.516	2124	2130	2137	rBV	346358	485645	16.64%	1.043%
79	15.633	2146	2150	2153	rBV2	47323	63624	2.18%	0.137%
80	15.916	2194	2198	2204	rVB4	51845	93879	3.22%	0.202%
81	16.074	2221	2225	2230	rBV	48099	70636	2.42%	0.152%
82	17.033	2383	2388	2395	rVB	125003	177408	6.08%	0.381%
83	17.151	2402	2408	2412	rBV2	1285975	1851478	63.44%	3.975%
84	17.192	2412	2415	2419	rVV	147518	197481	6.77%	0.424%
85	17.245	2419	2424	2435	rVB2	1537979	2159973	74.01%	4.638%
86	18.051	2553	2561	2575	rBV	841486	1325077	45.40%	2.845%
87	18.215	2585	2589	2593	rVB2	38092	56214	1.93%	0.121%
88	19.209	2755	2758	2762	rVB	64617	78548	2.69%	0.169%
89	19.268	2764	2768	2773	rVB	87229	107585	3.69%	0.231%
90	19.333	2774	2779	2787	rBV	376522	567764	19.45%	1.219%
91	19.539	2809	2814	2819	rBV	1802037	2544462	87.18%	5.463%
92	19.580	2819	2821	2829	rVB	168263	241130	8.26%	0.518%
93	21.045	3067	3070	3079	rBV	504956	641290	21.97%	1.377%
94	21.333	3114	3119	3123	rBV	1560079	2031305	69.60%	4.362%
95	21.492	3143	3146	3151	rBV2	82770	98340	3.37%	0.211%
96	21.927	3217	3220	3226	rBV3	120056	177530	6.08%	0.381%
97	22.392	3296	3299	3304	rVB	158501	189129	6.48%	0.406%
98	22.903	3383	3386	3390	rVB	182929	232938	7.98%	0.500%
99	23.439	3471	3477	3491	rVB	1413111	2918675	100.00%	6.267%
100	23.580	3495	3501	3515	rVB	1177472	2245475	76.93%	4.821%

Sum of corrected areas: 46572758

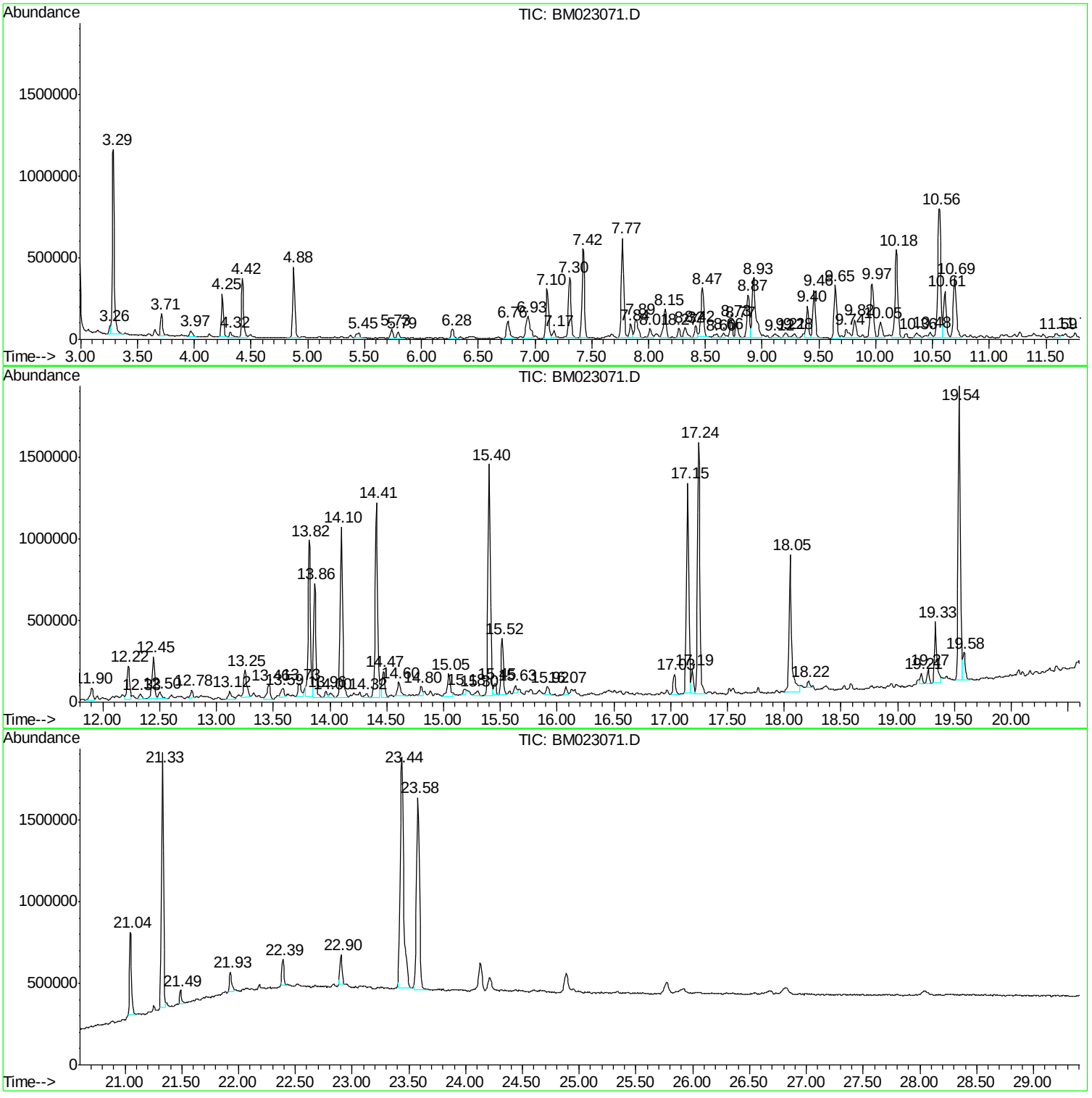
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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\BM100819\
Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

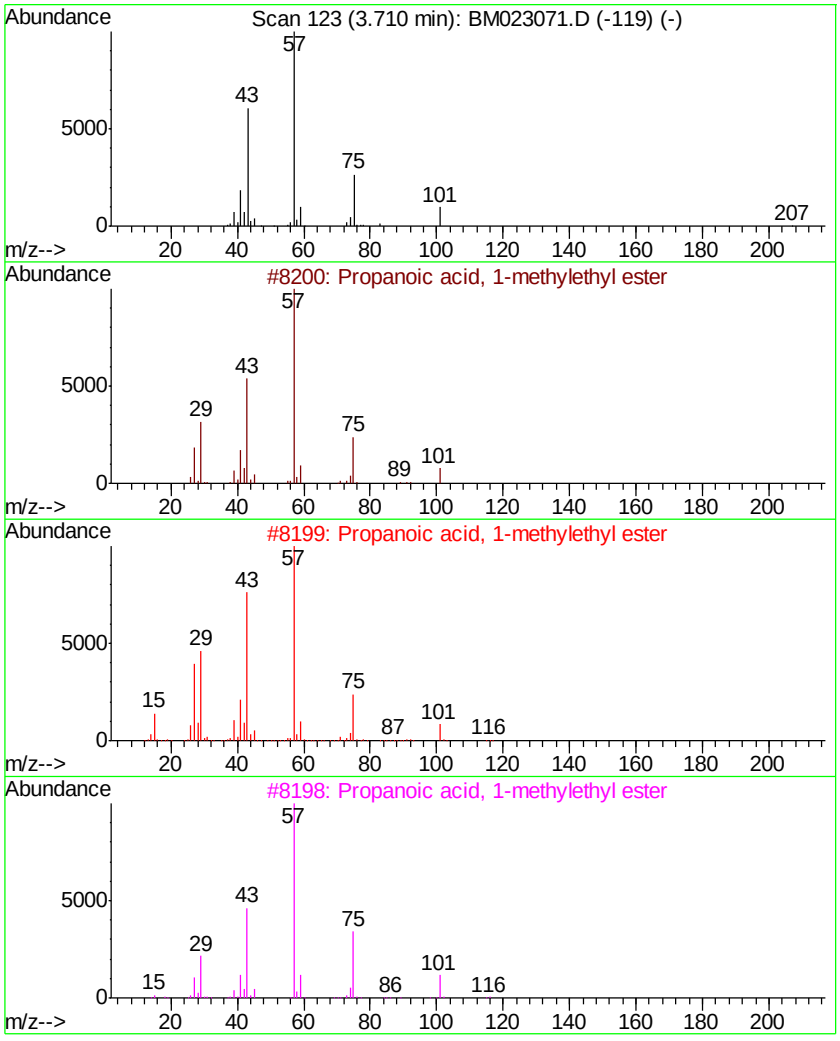
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

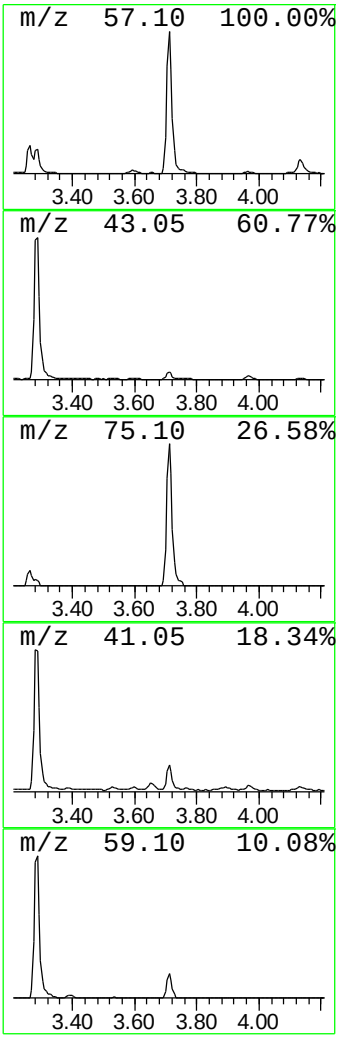
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	3.21 ng/ul	158340	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
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Acq On : 09 Oct 2019 07:10
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Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

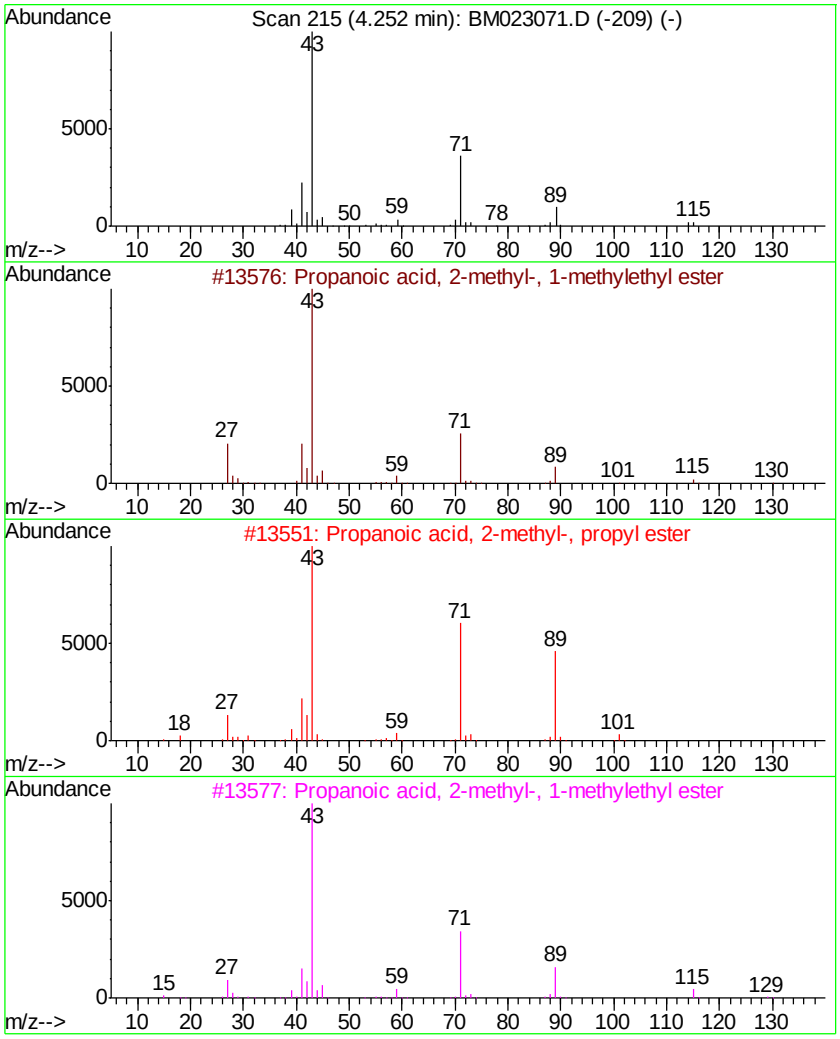
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

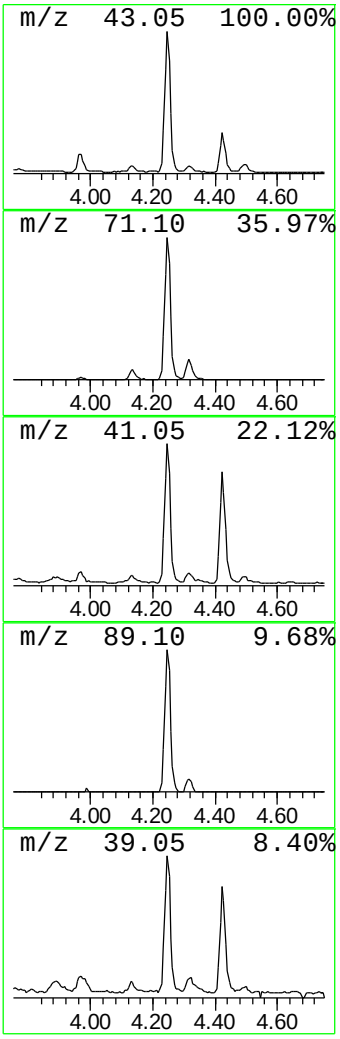
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	6.84 ng/ul	336884	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

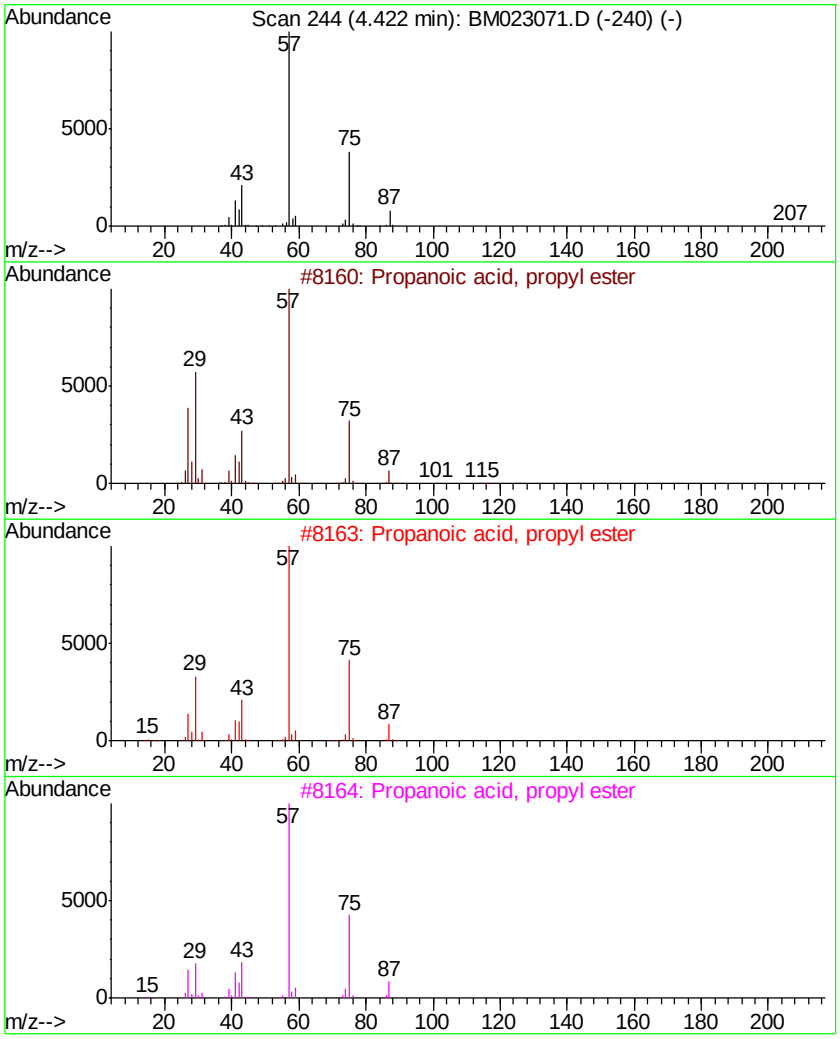
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

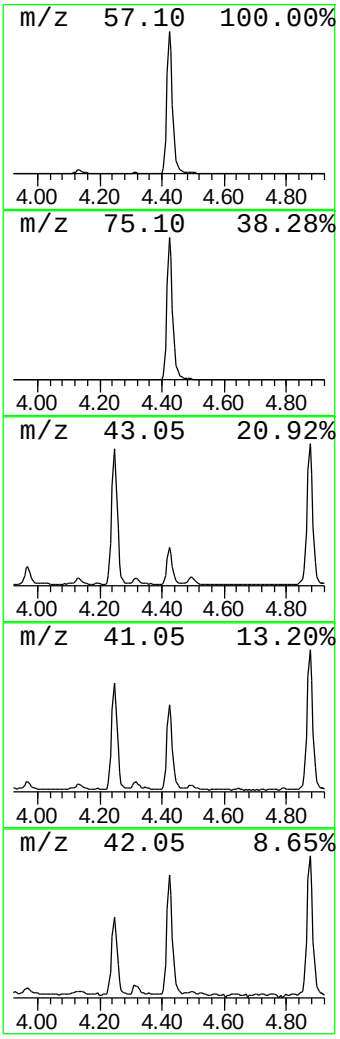
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	9.61 ng/ul	473347	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	50





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Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

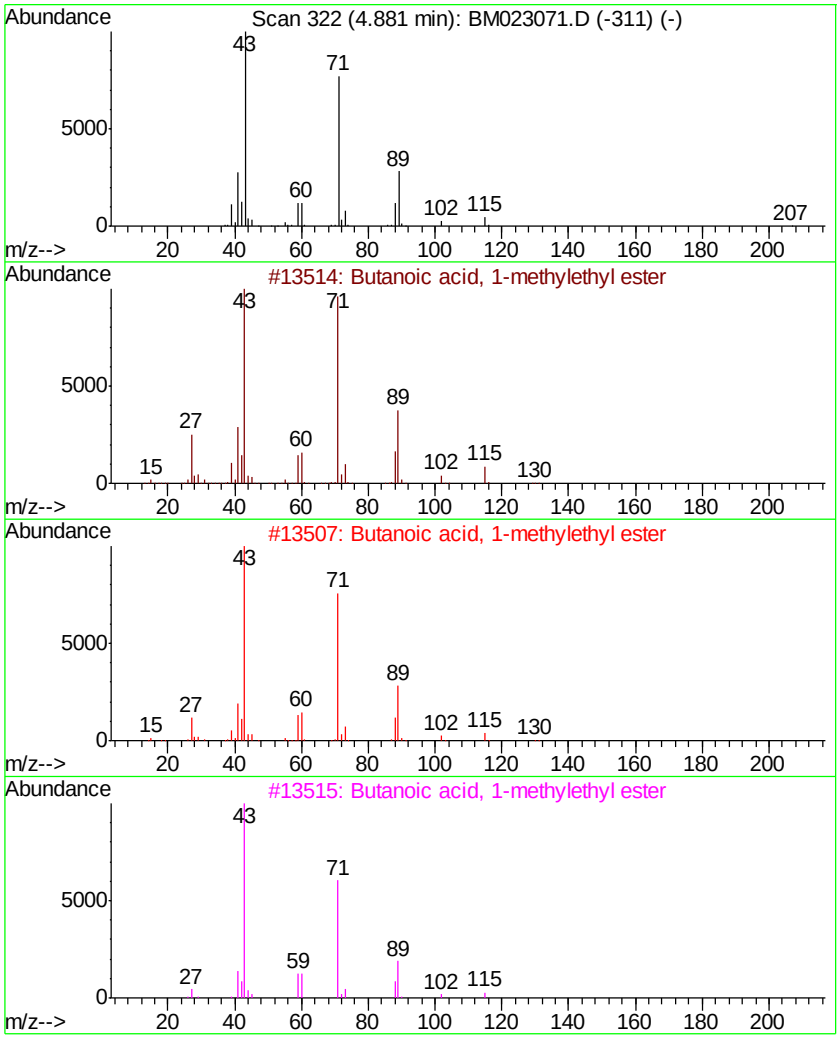
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

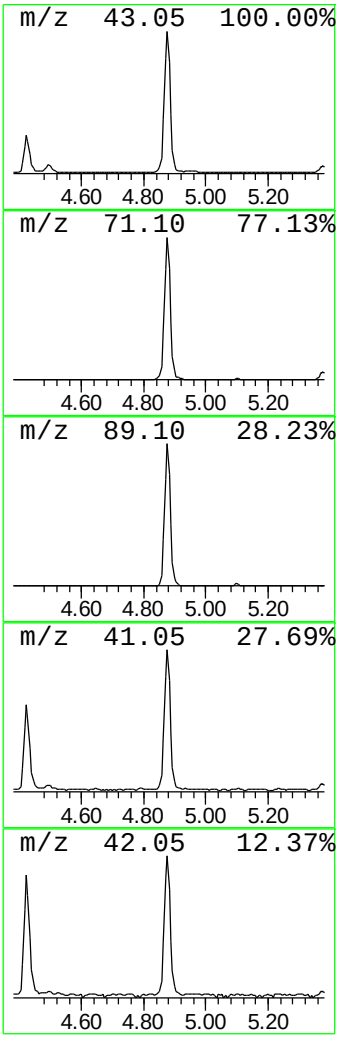
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	11.74 ng/ul	578585	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	50





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

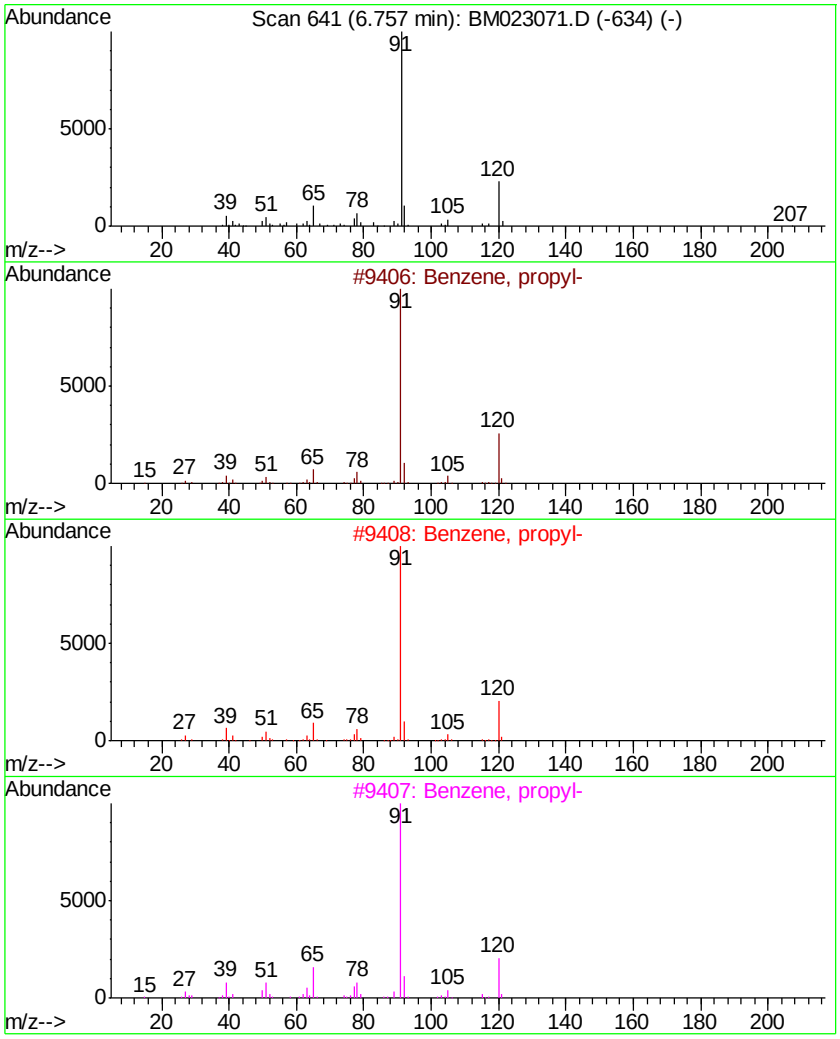
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

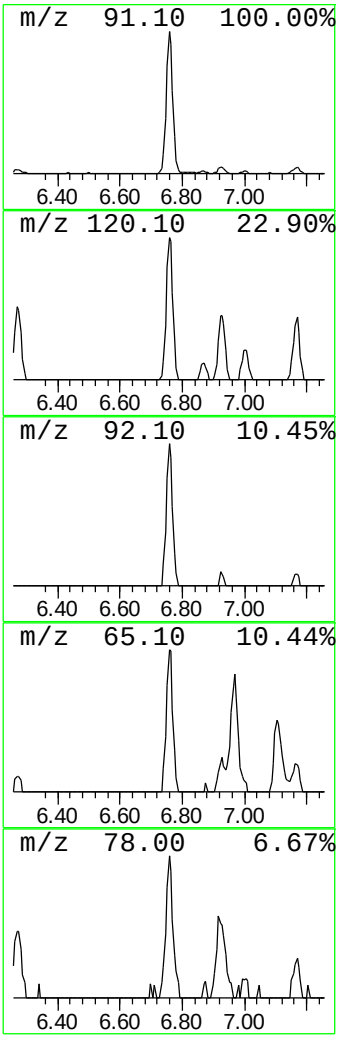
****

Peak Number 5 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	4.22 ng/ul	207720	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	59
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59





Library Search Compound Report

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Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

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Quant Title : SVOA CALIBRATION

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

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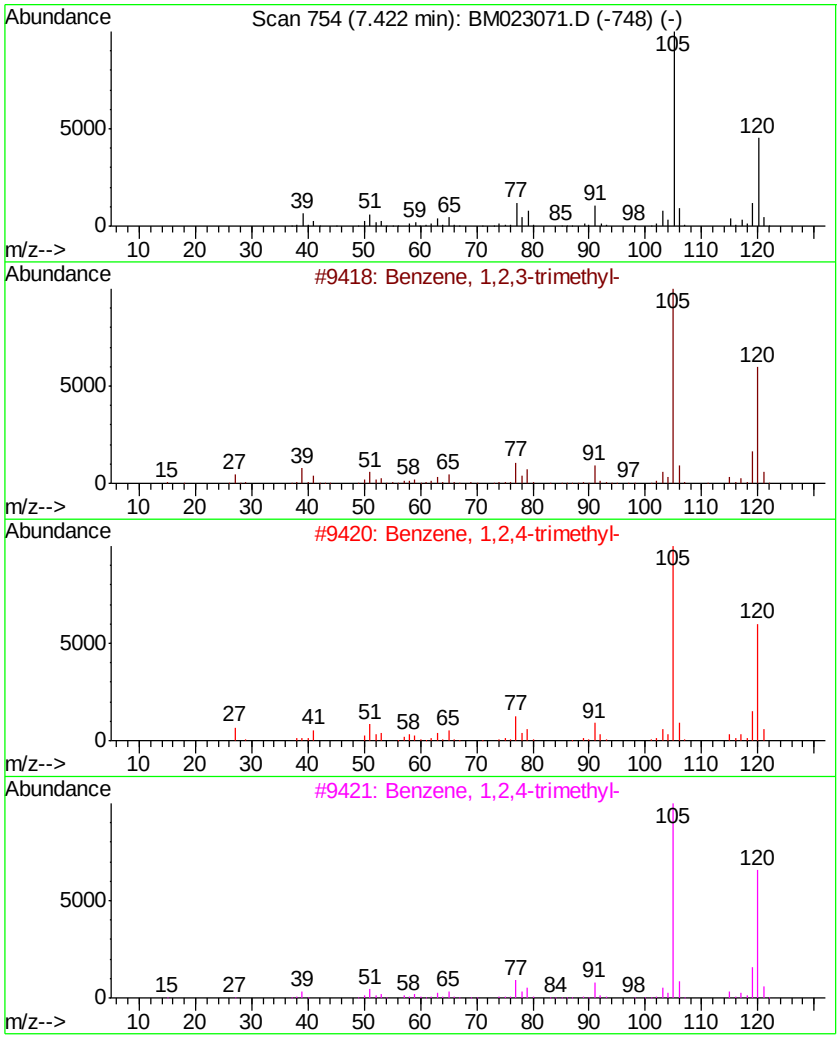
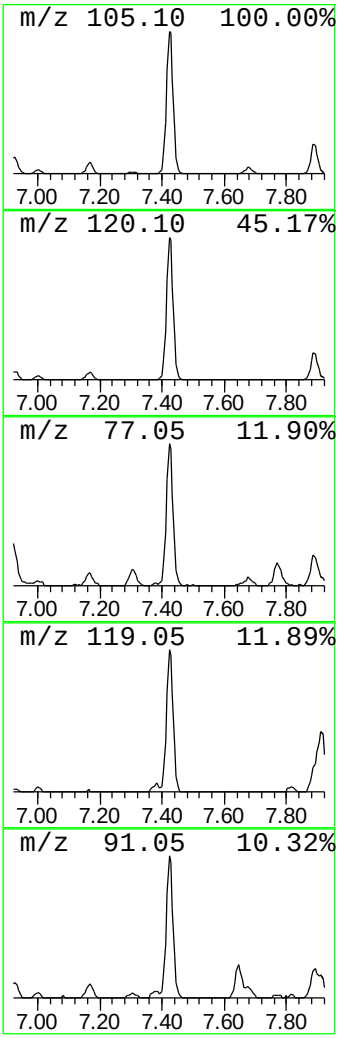
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	17.11 ng/ul	843255	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Instrument : BNA_M
ClientSampleId : BFDL1

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Quant Title : SVOA CALIBRATION

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

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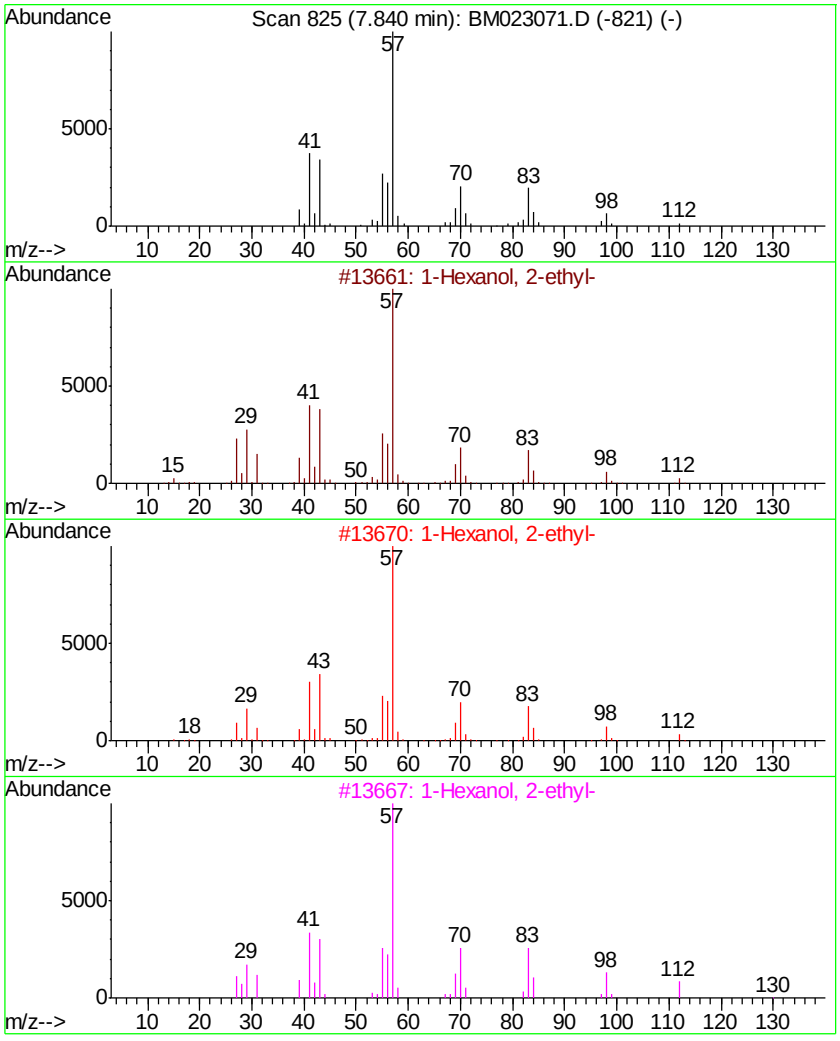
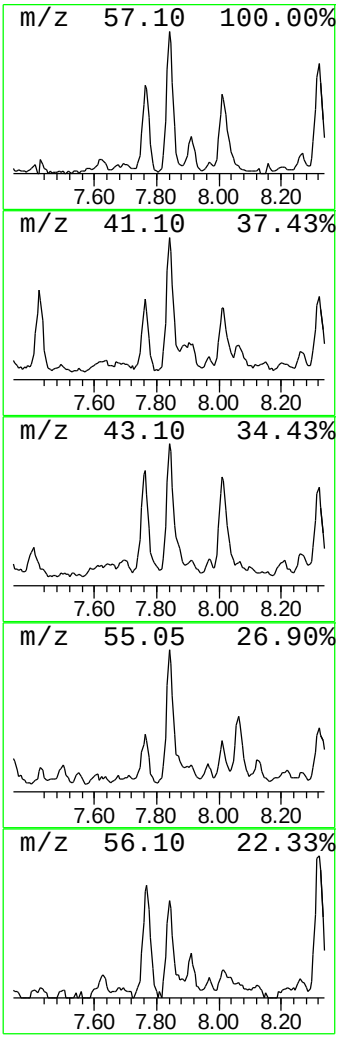
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.55 ng/ul	125464	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53





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Instrument : BNA_M
ClientSampleId : BFDL1

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Quant Title : SVOA CALIBRATION

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

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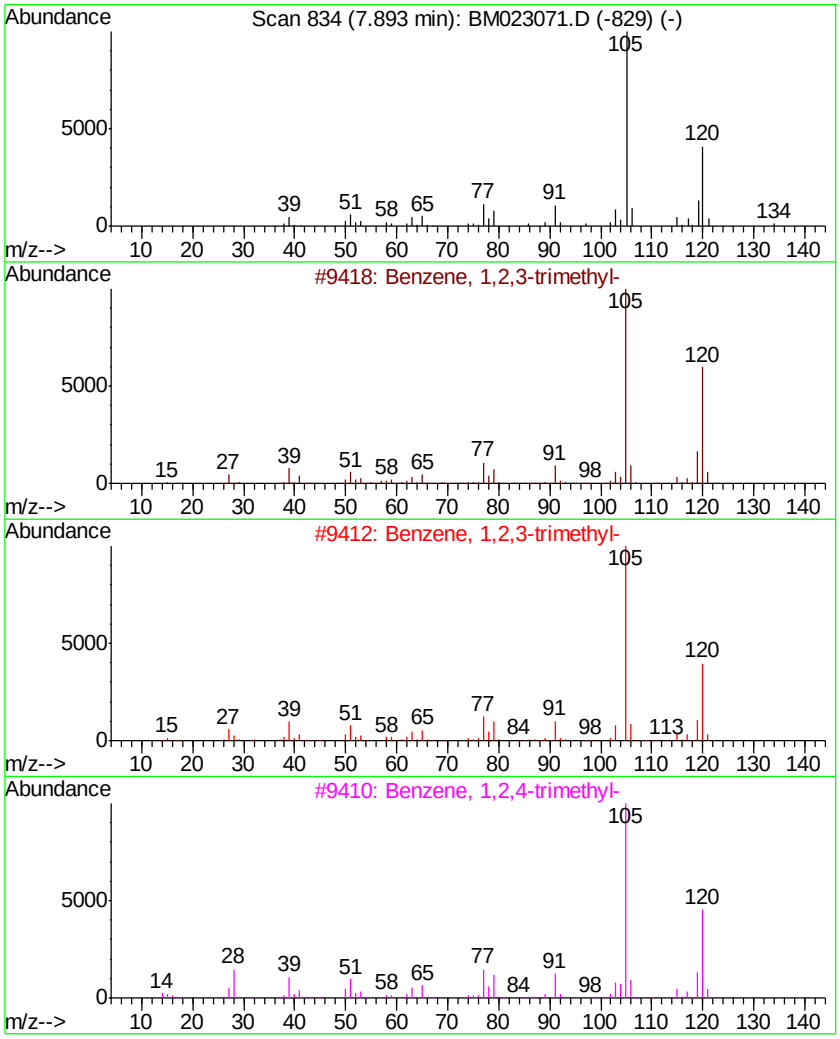
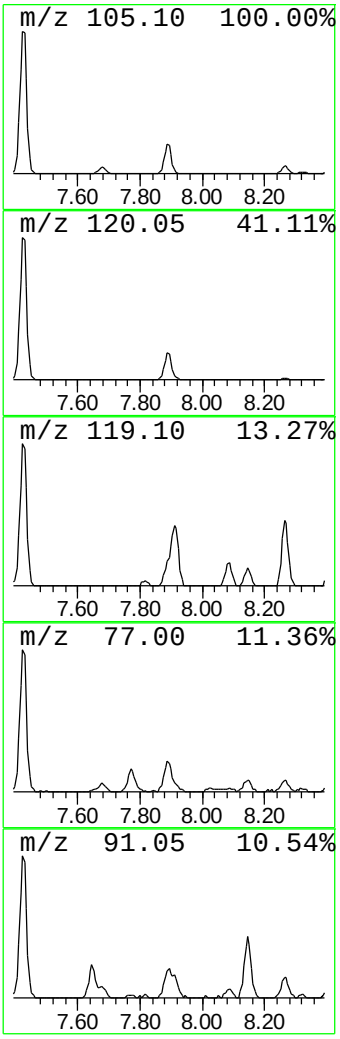
Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	4.87 ng/ul	239729	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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ClientSampleId : BFDL1

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Quant Title : SVOA CALIBRATION

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

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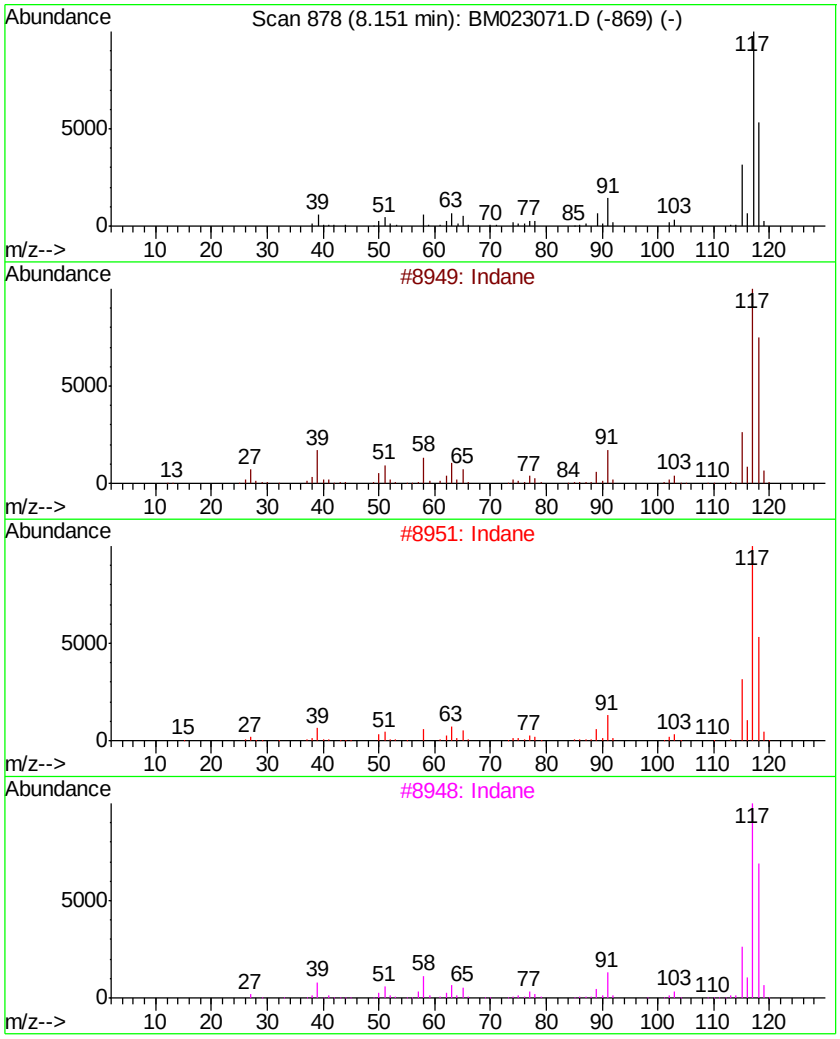
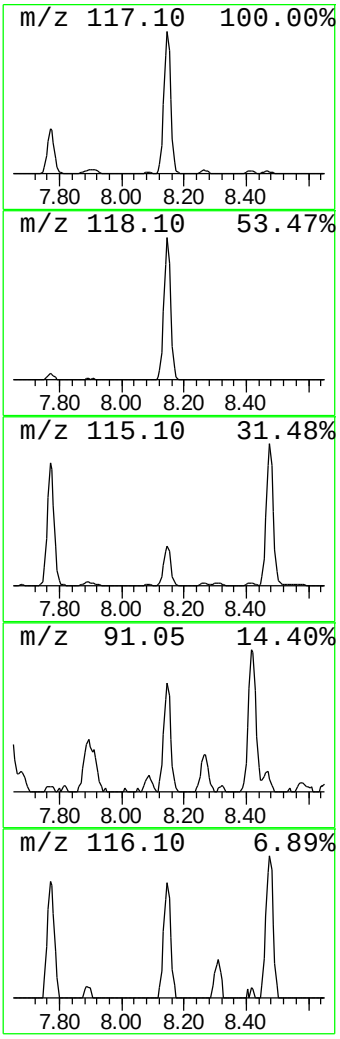
Peak Number 9 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	6.38 ng/ul	314325	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	74
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





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Operator : JU
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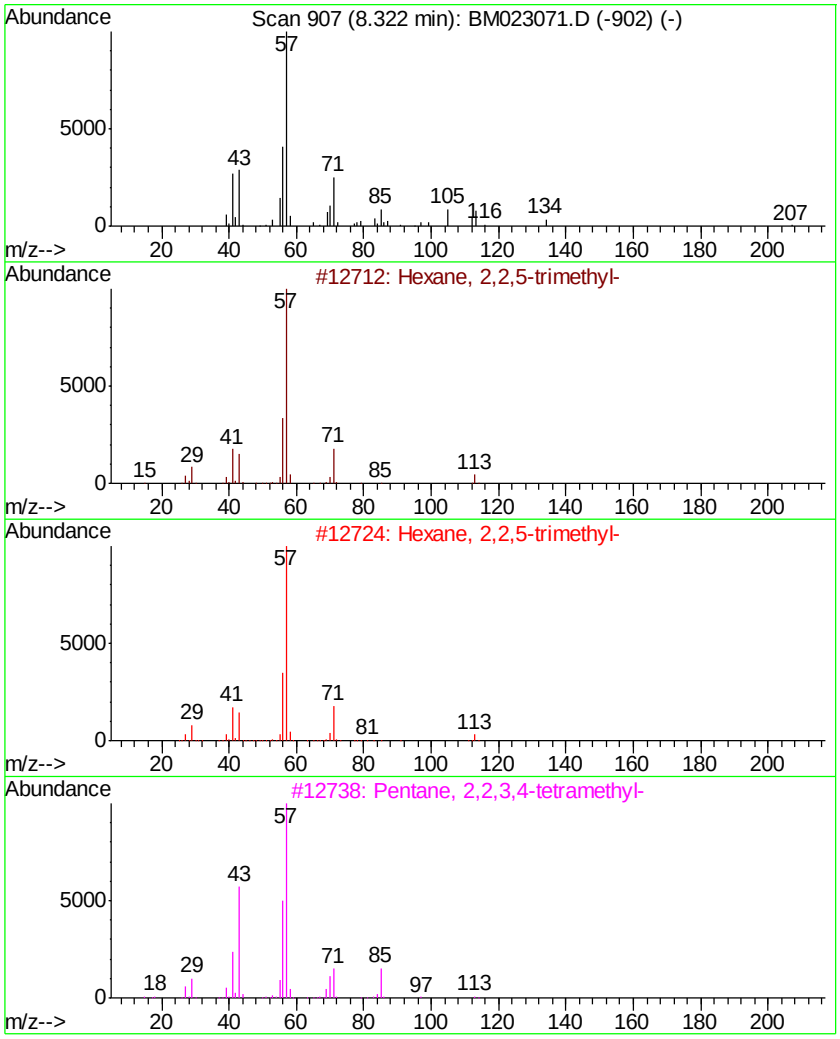
Quant Title : SVOA CALIBRATION

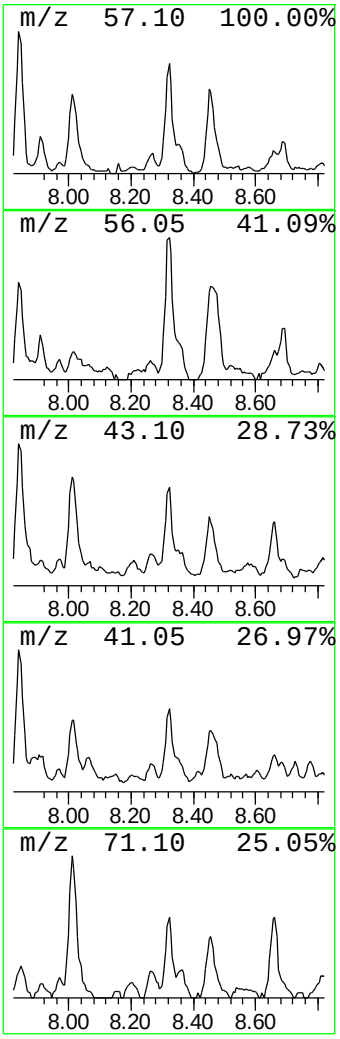
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.79 ng/ul	137282	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53





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Quant Title : SVOA CALIBRATION

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

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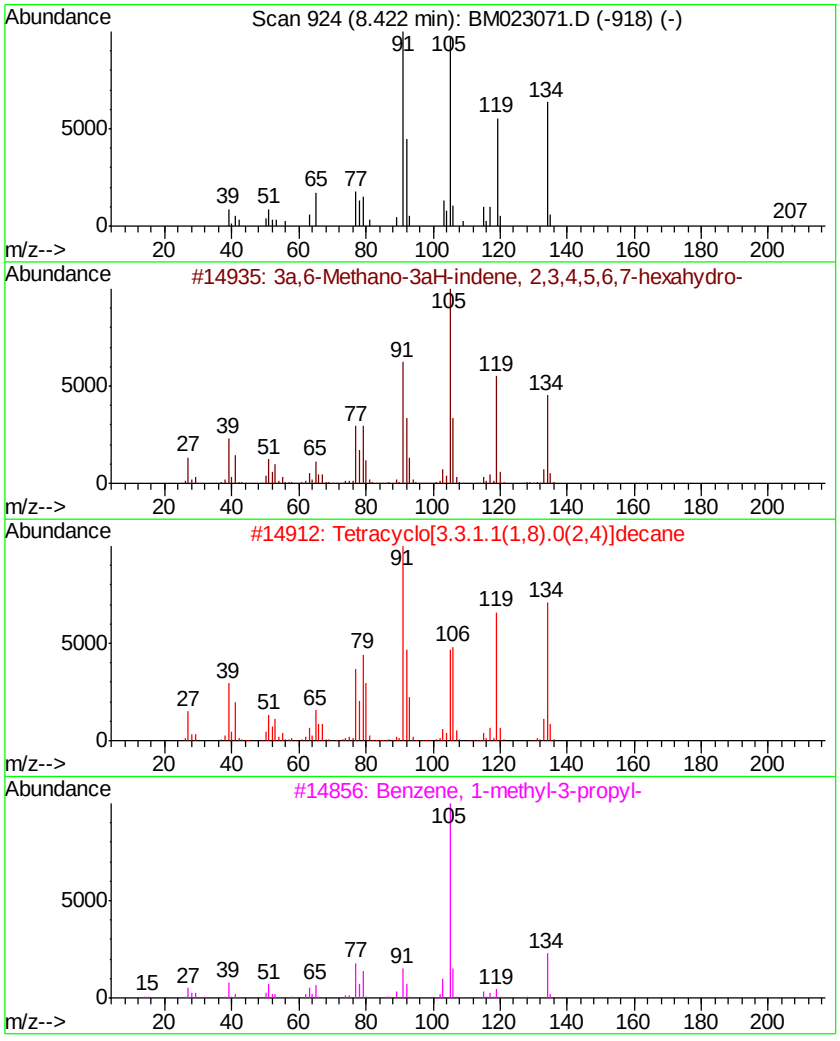
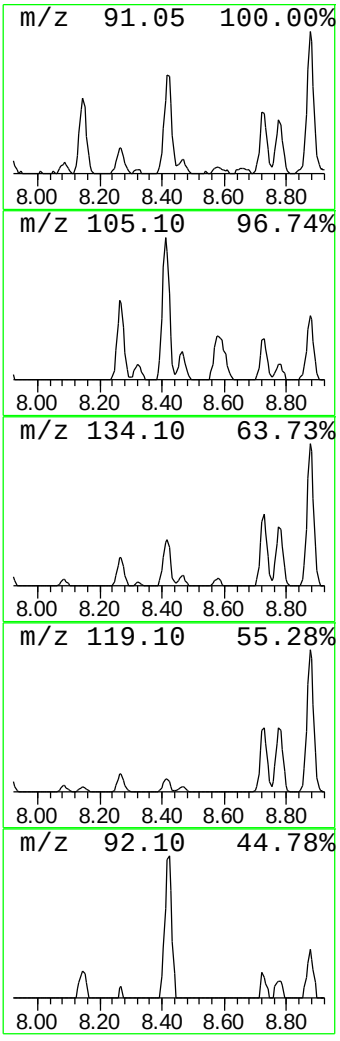
Peak Number 11 3a,6-Methano-3aH-indene, 2,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	2.45 ng/ul	120538	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	91
2	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	68
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
4	Benzaldehyde, 3-ethyl-	134	C9H10O	034246-54-3	49
5	p-Isopropenylphenol	134	C9H10O	004286-23-1	49





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Quant Title : SVOA CALIBRATION

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

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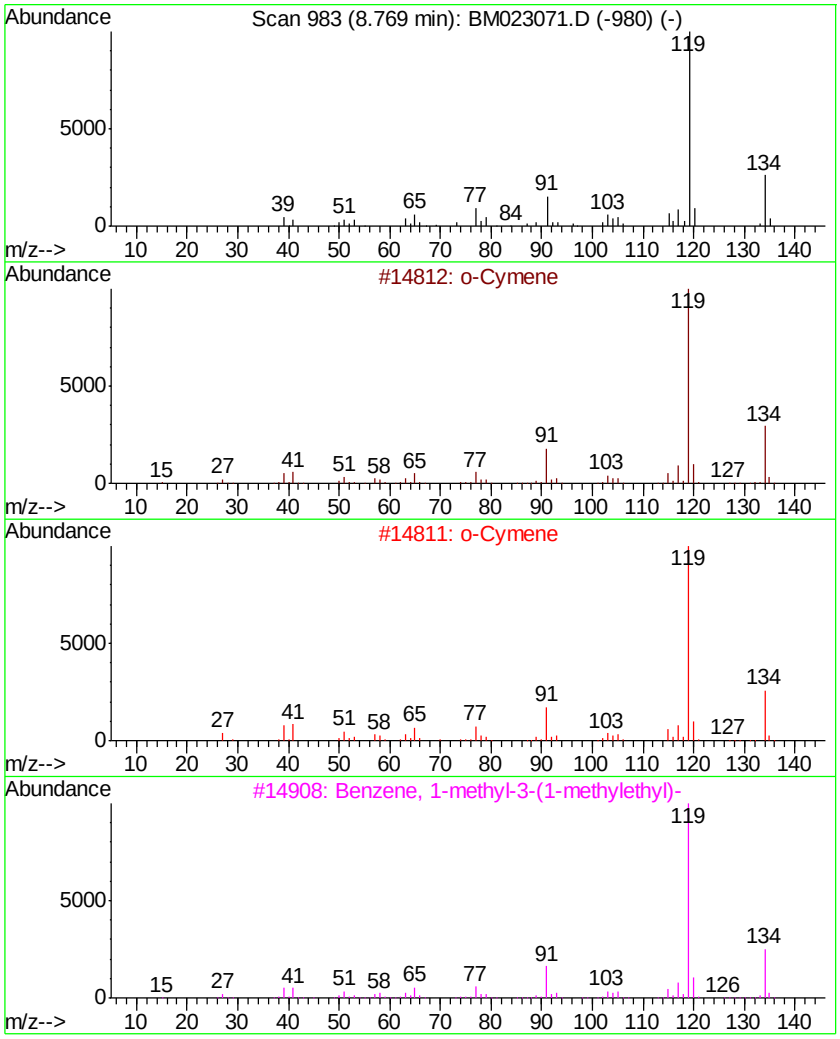
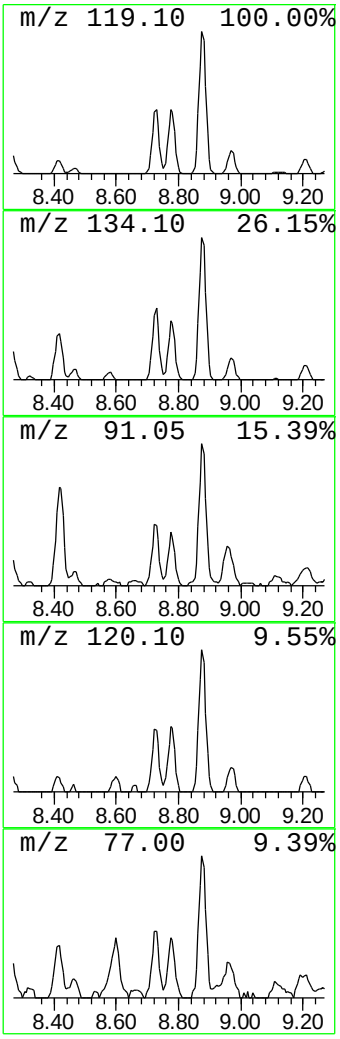
Peak Number 13 o-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	3.23 ng/ul	159303	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





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Quant Title : SVOA CALIBRATION

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

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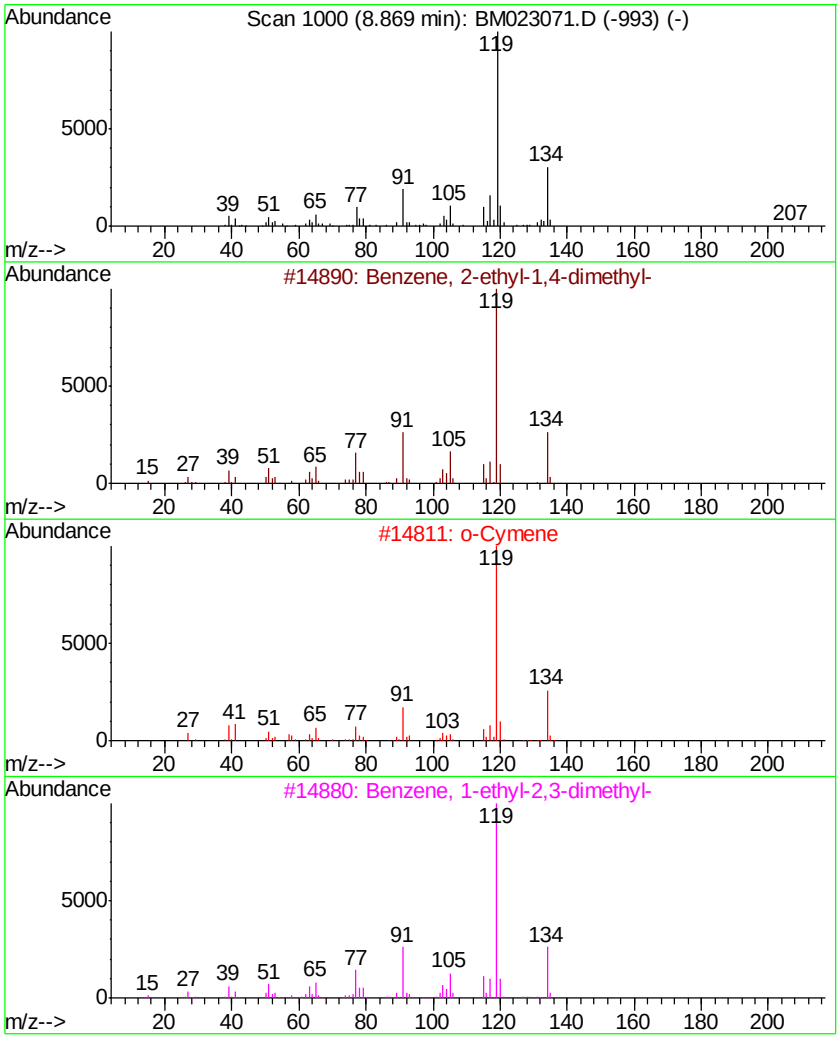
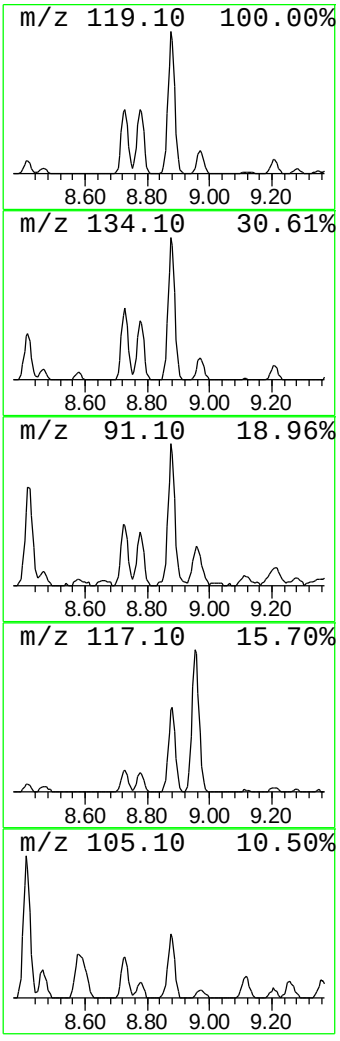
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	8.96 ng/ul	441465	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Quant Title : SVOA CALIBRATION

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

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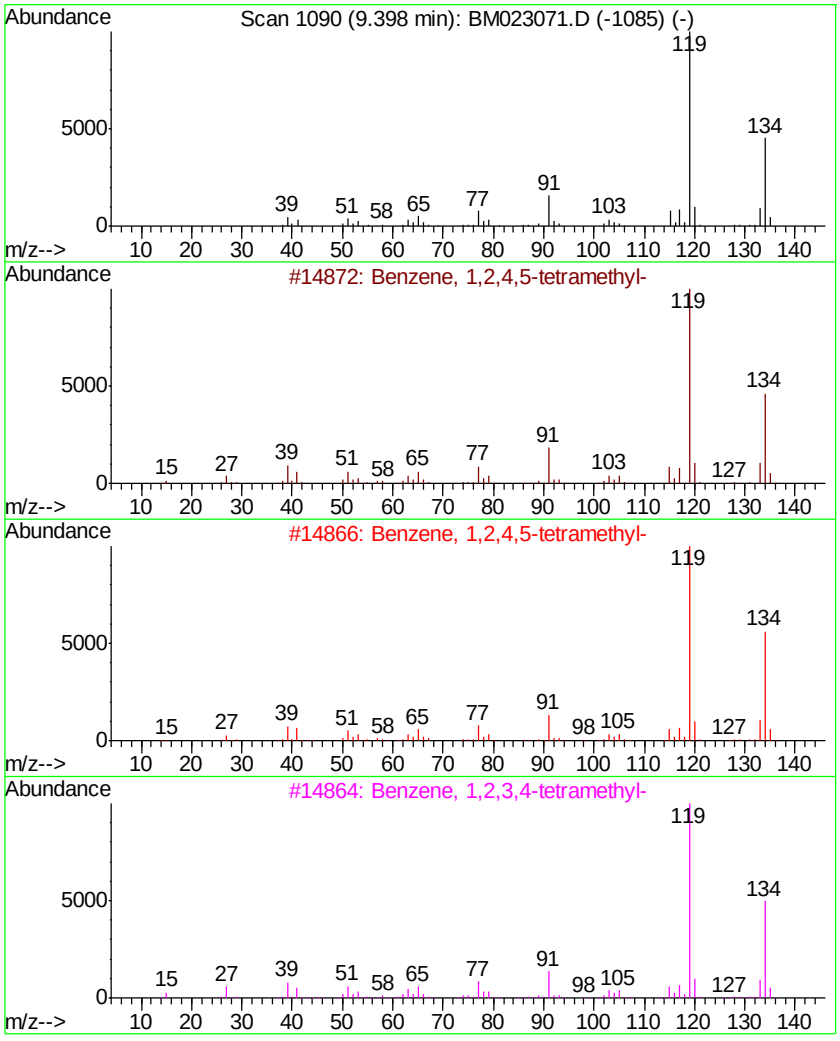
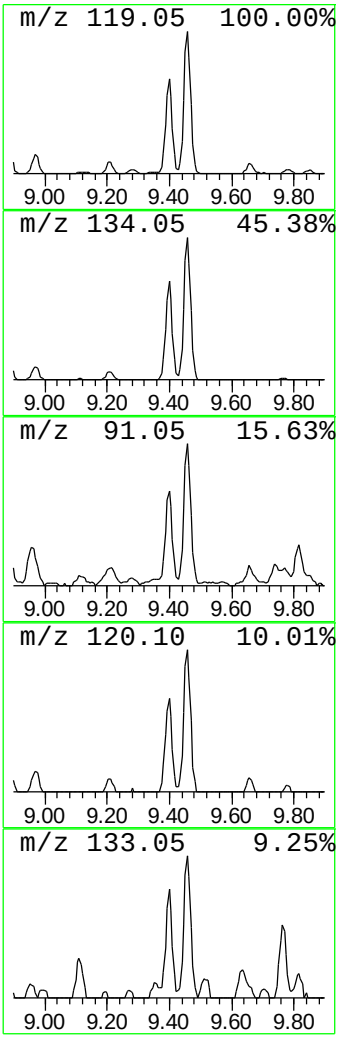
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.35 ng/ul	306415	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Quant Title : SVOA CALIBRATION

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

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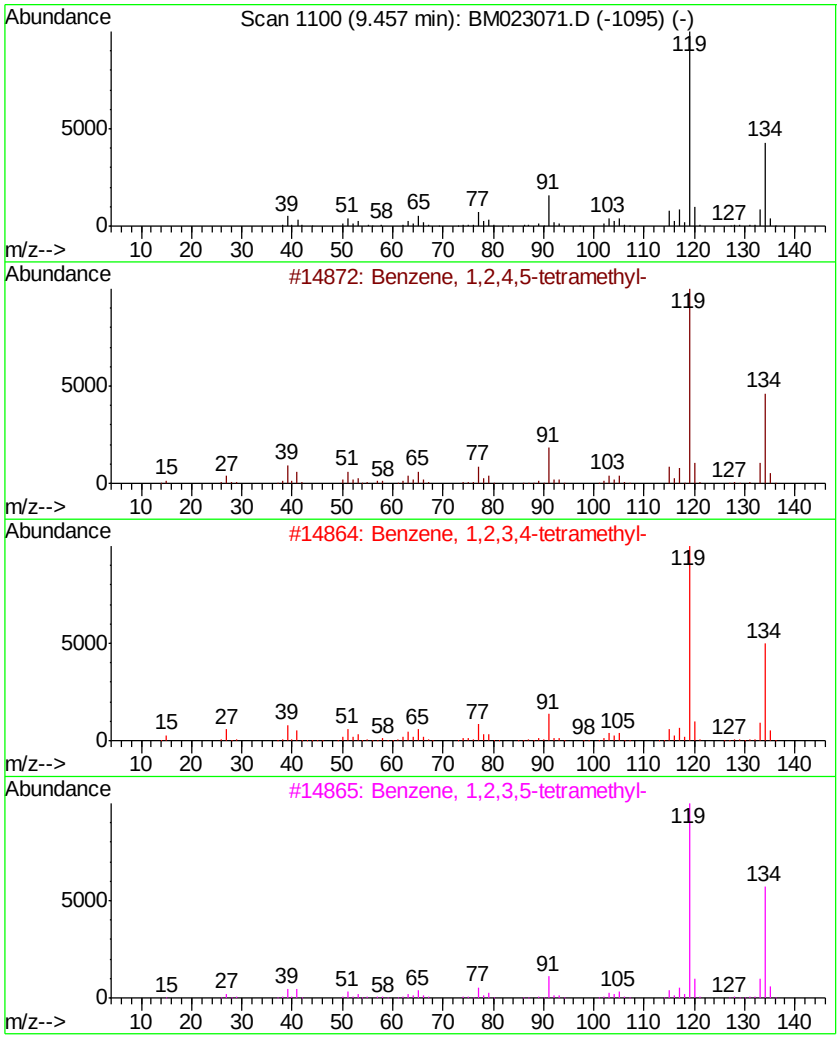
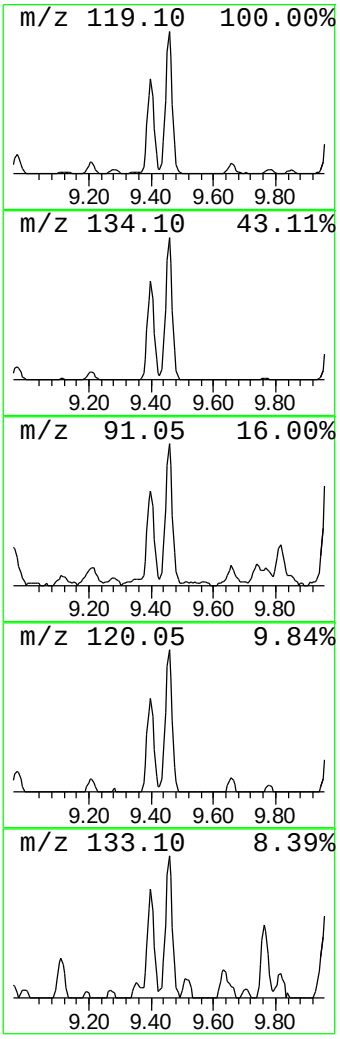
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	6.55 ng/ul	462127	Naphthalene-d8	10.56

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	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Quant Title : SVOA CALIBRATION

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

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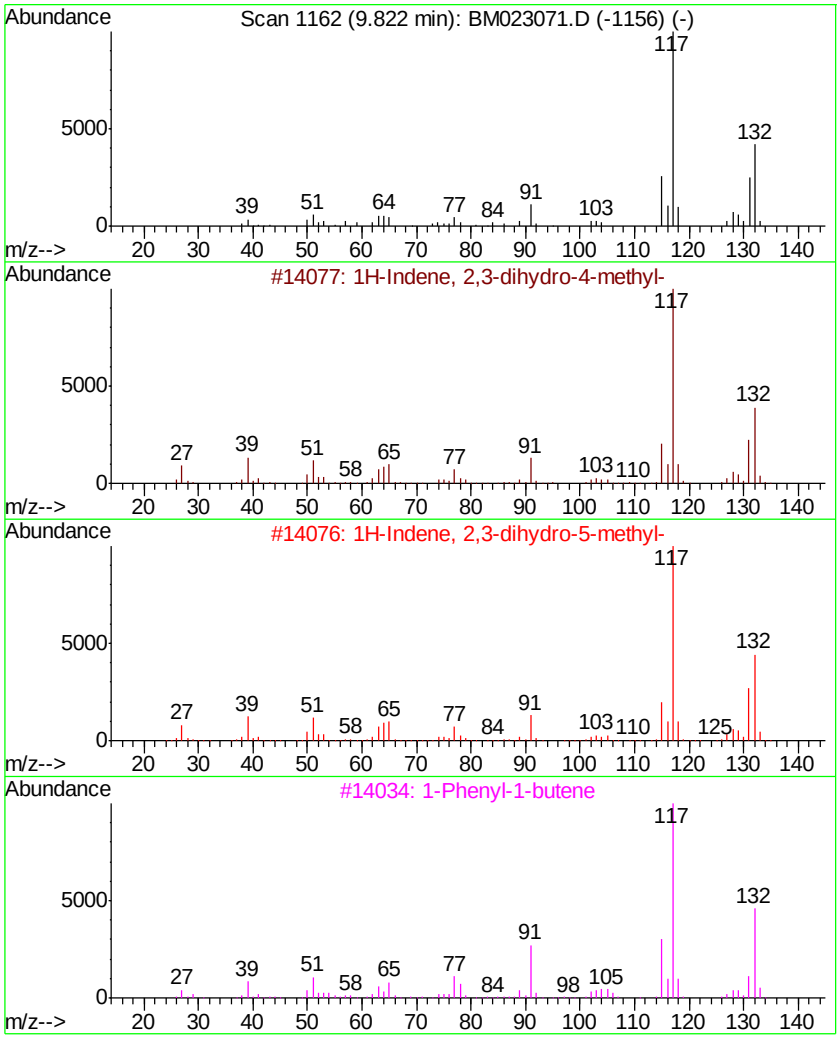
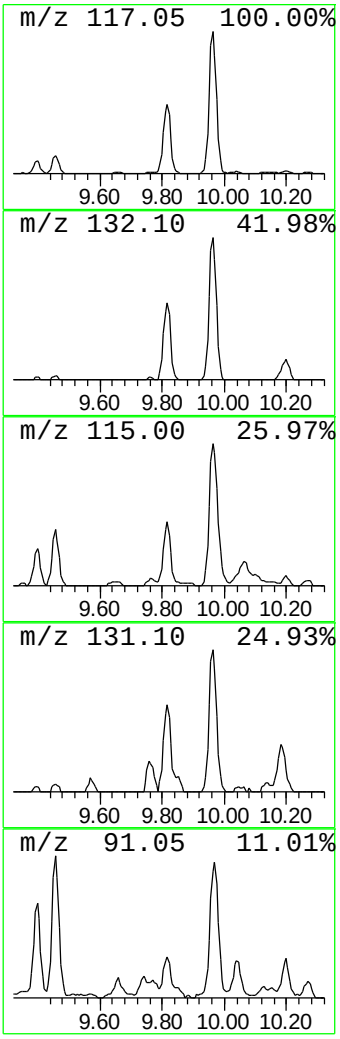
Peak Number 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.84 ng/ul	200601	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	80





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Misc :
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Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

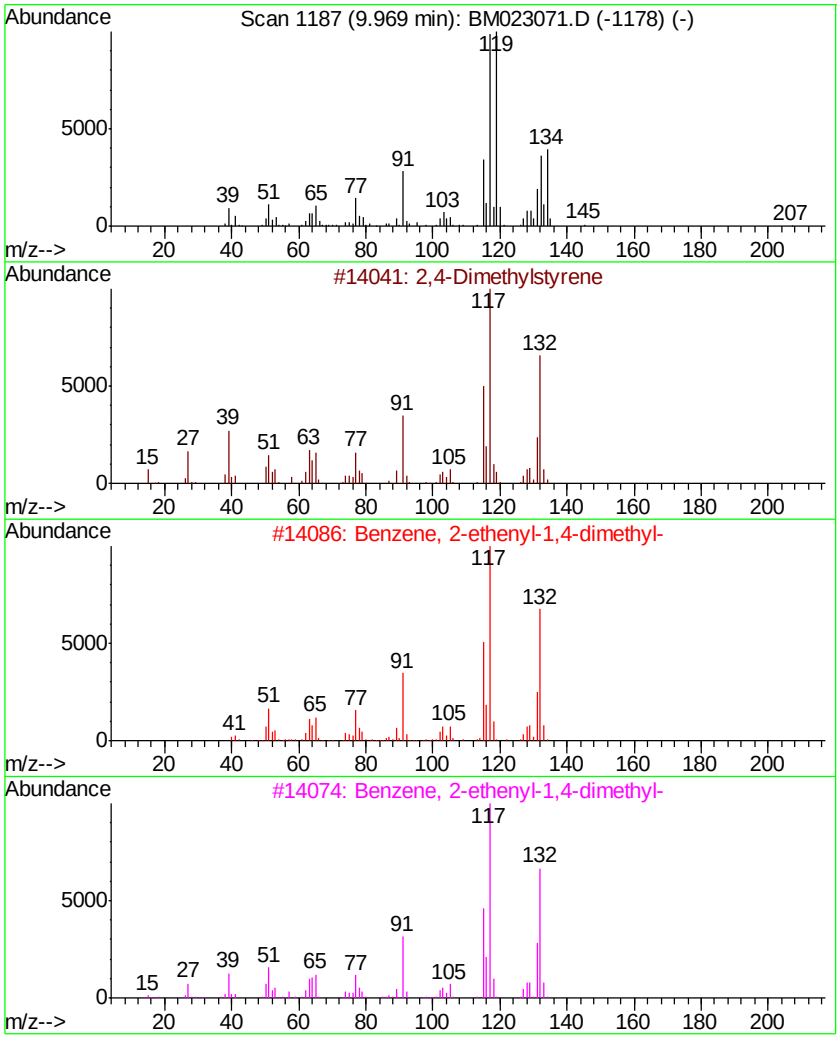
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

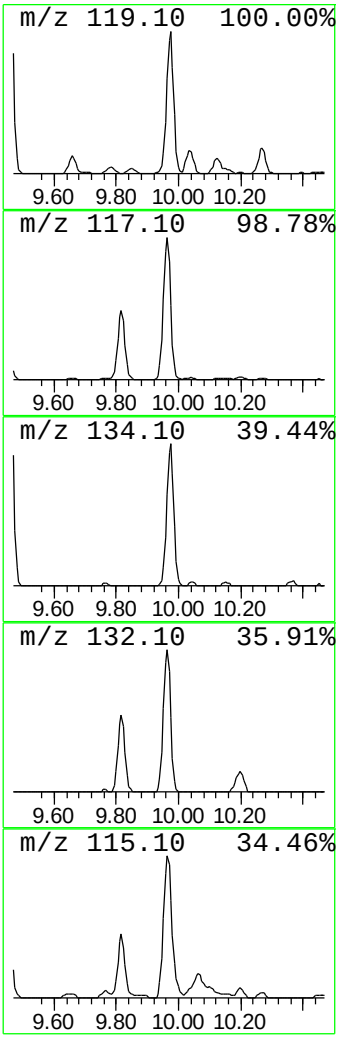
****

Peak Number 18 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	9.35 ng/ul	659233	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55





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Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

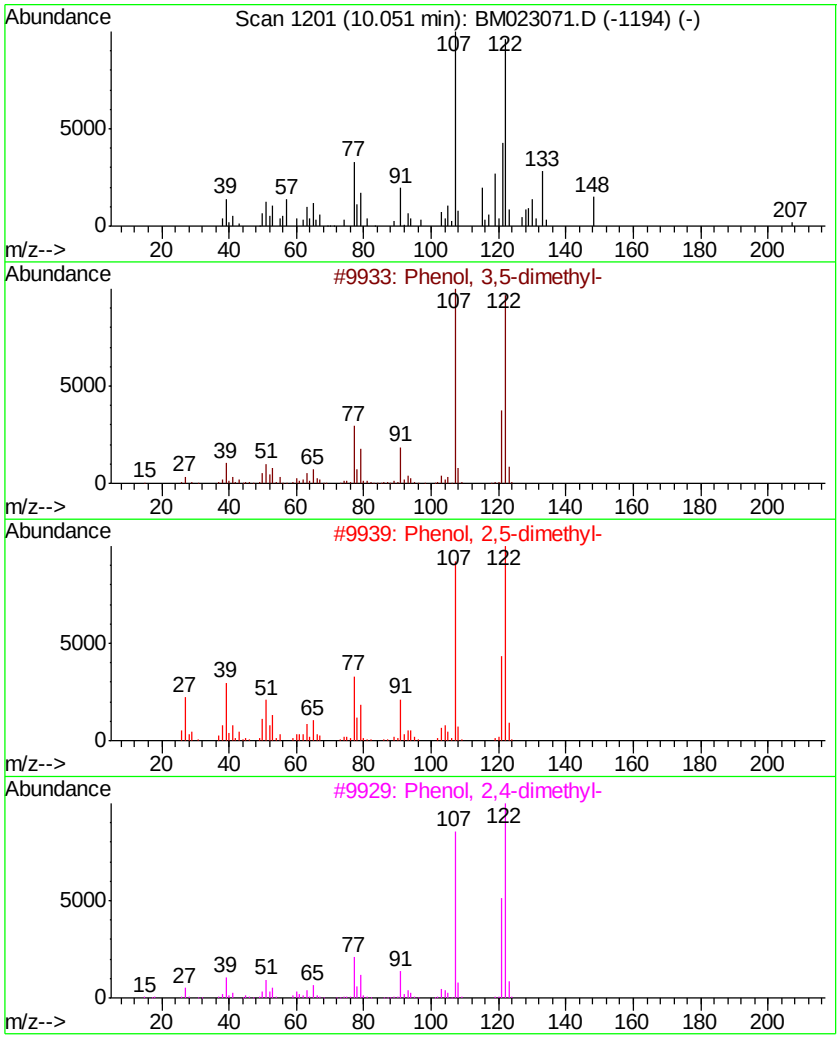
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

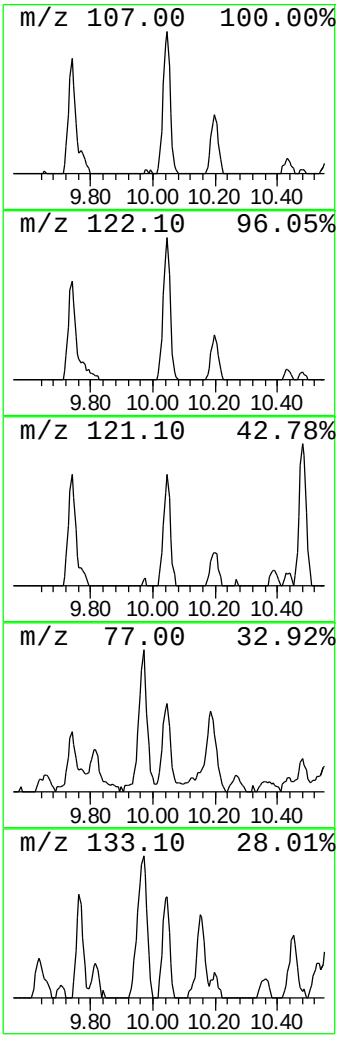
****

Peak Number 19 Phenol, 3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	2.68 ng/ul	188985	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	89
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	89
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	89
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	89





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Acq On : 09 Oct 2019 07:10
Operator : JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

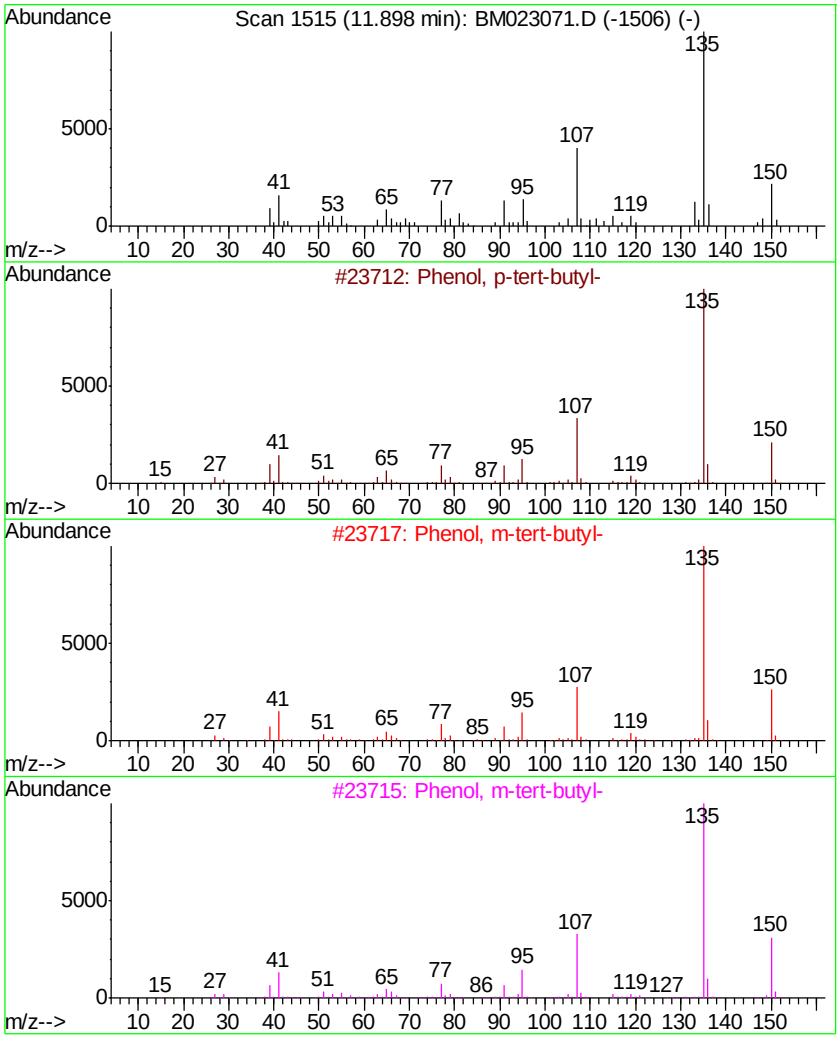
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

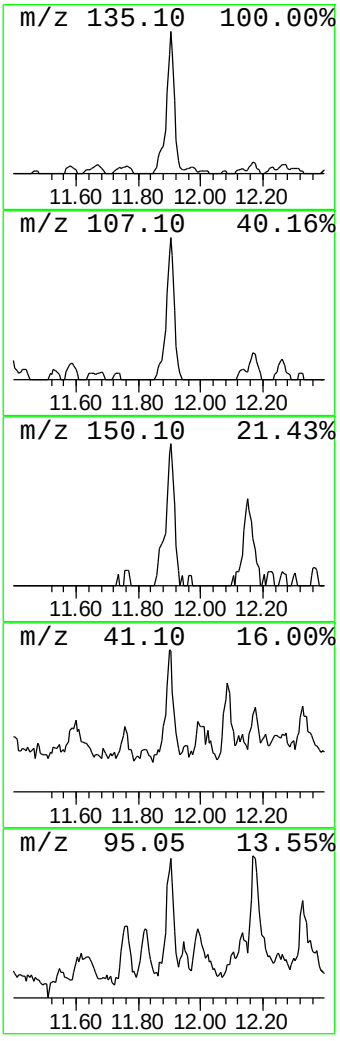
****

Peak Number 20 Phenol, p-tert-butyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.11 ng/ul	148750	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	86





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Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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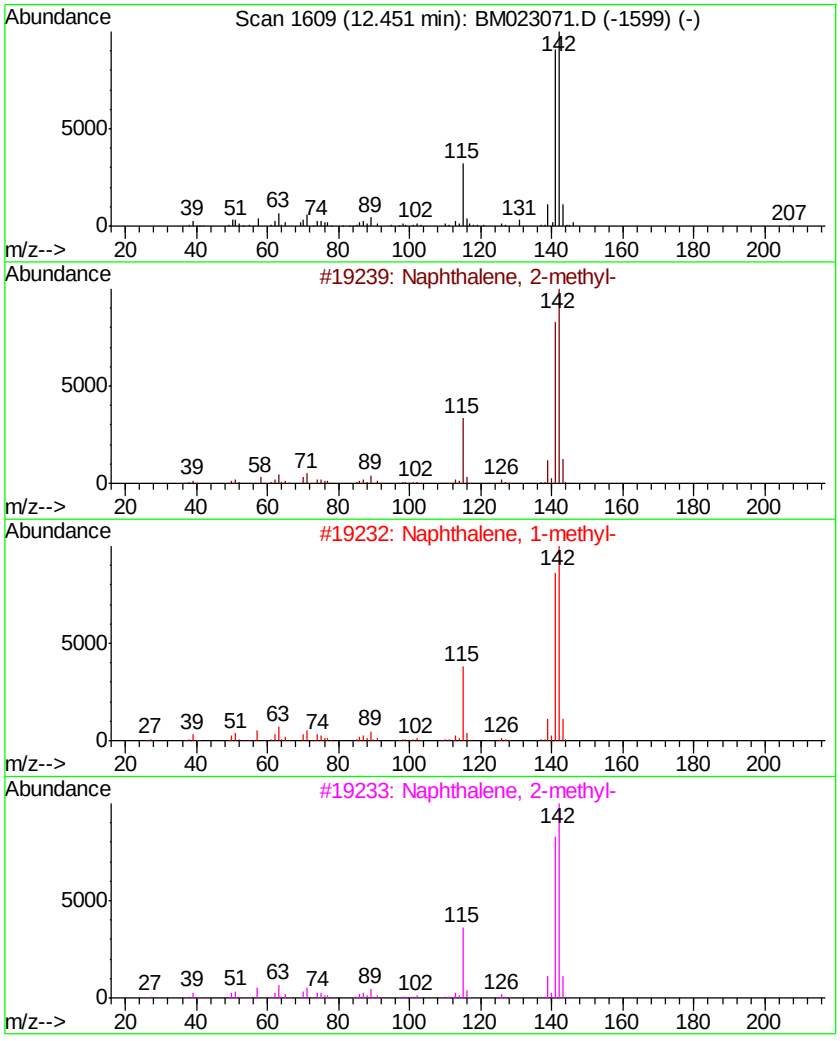
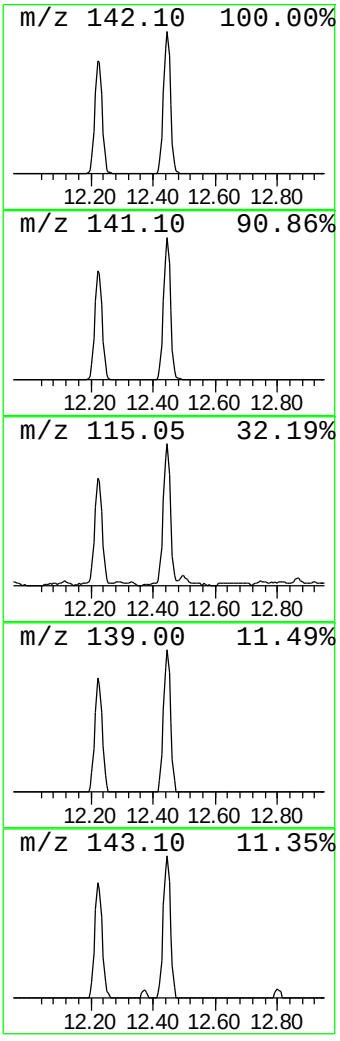
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	6.01 ng/ul	423488	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

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Quant Title : SVOA CALIBRATION

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

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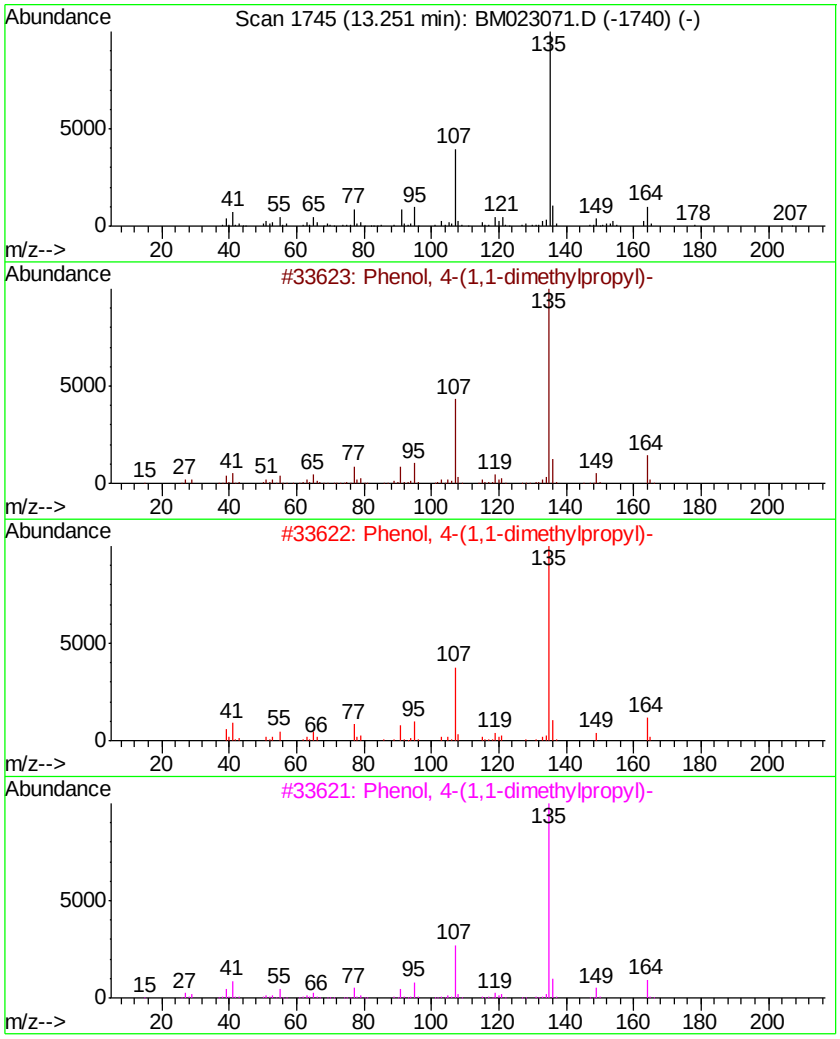
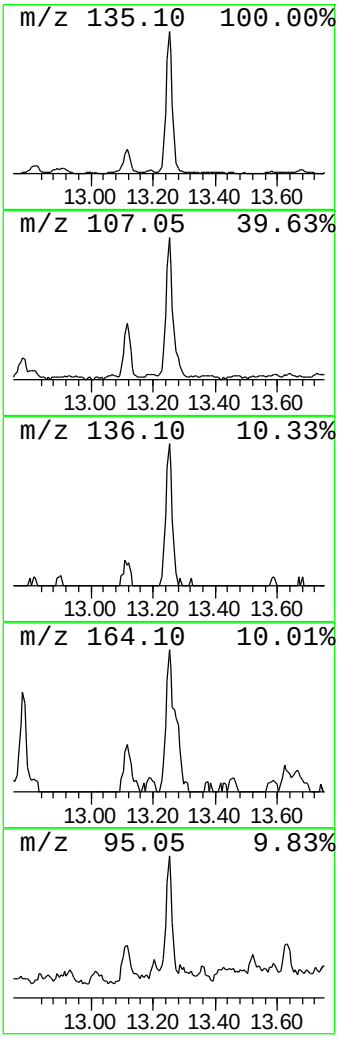
Peak Number 22 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.26 ng/ul	301088	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	97
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72





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Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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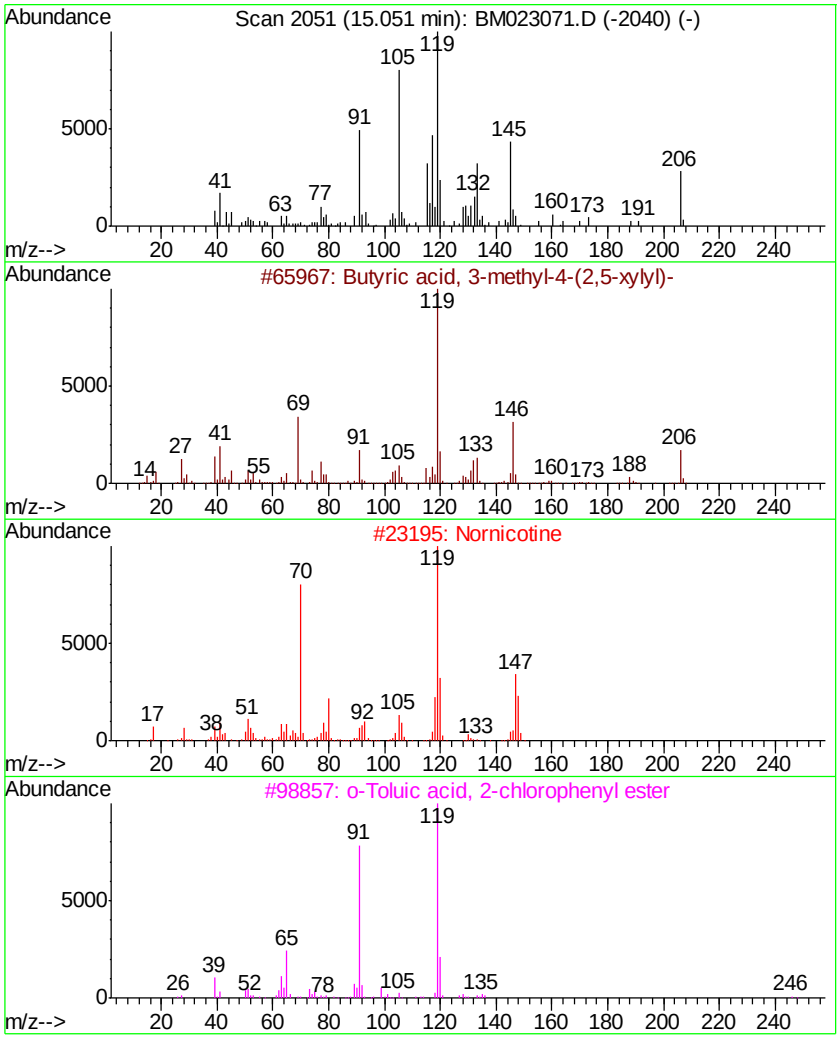
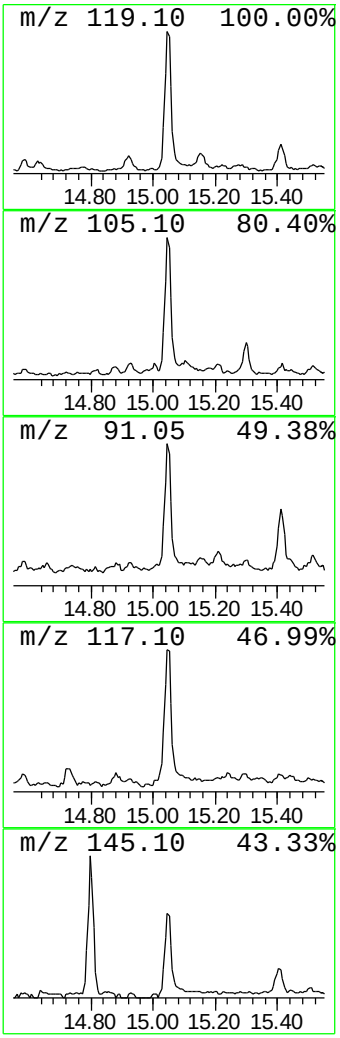
Peak Number 23 Butyric acid, 3-methyl-4-(2... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.81 ng/ul	259785	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, 3-methyl-4-(2,5-xy...	206	C13H18O2	030275-76-4	53
2	Nornicotine	148	C9H12N2	000494-97-3	27
3	o-Toluic acid, 2-chlorophenyl ester	246	C14H11ClO2	1000293-77-5	27
4	m-Toluic acid, 2-chlorophenyl ester	246	C14H11ClO2	1000293-76-9	27
5	p-Cymene	134	C10H14	000099-87-6	22





Library Search Compound Report

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Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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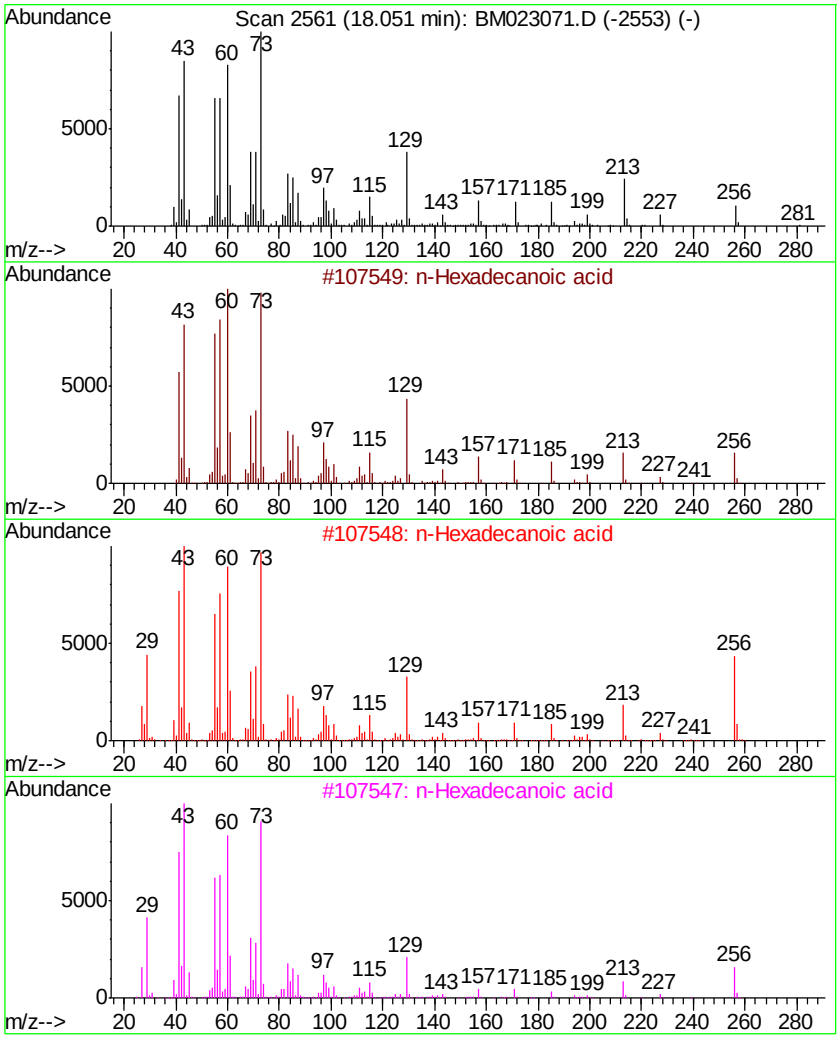
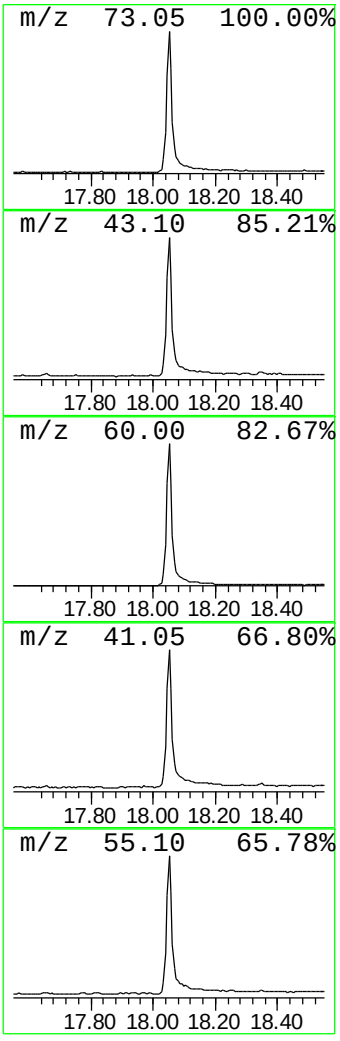
Peak Number 24 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	14.31 ng/ul	1325080	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Library Search Compound Report

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Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

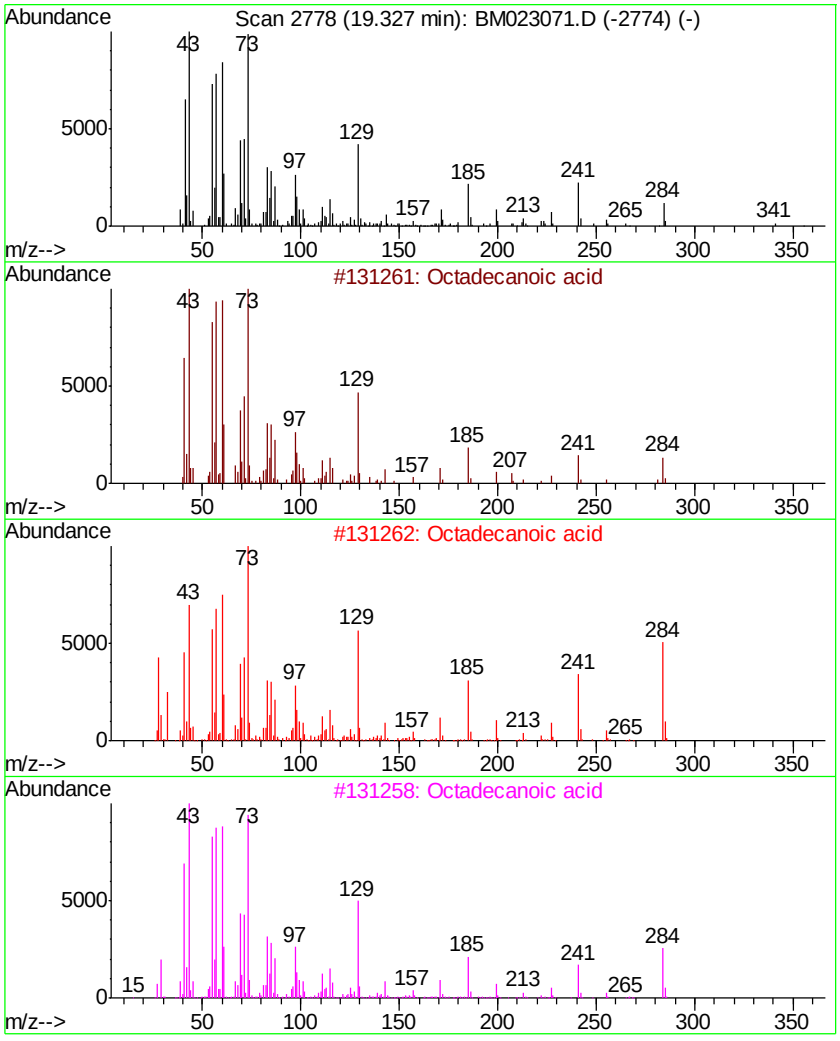
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

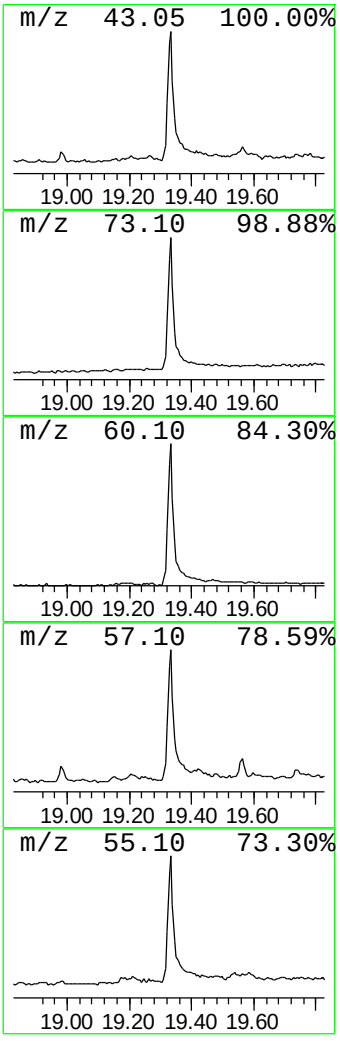
****

Peak Number 25 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	5.59 ng/ul	567764	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Library Search Compound Report

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Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

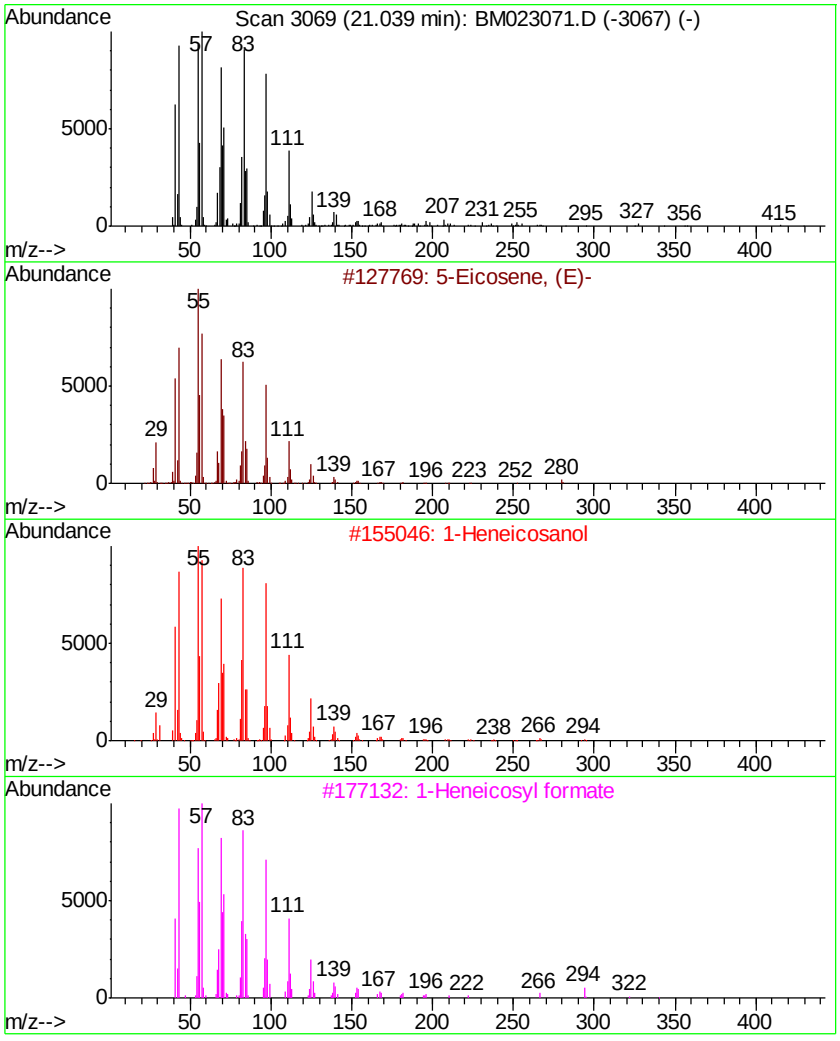
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

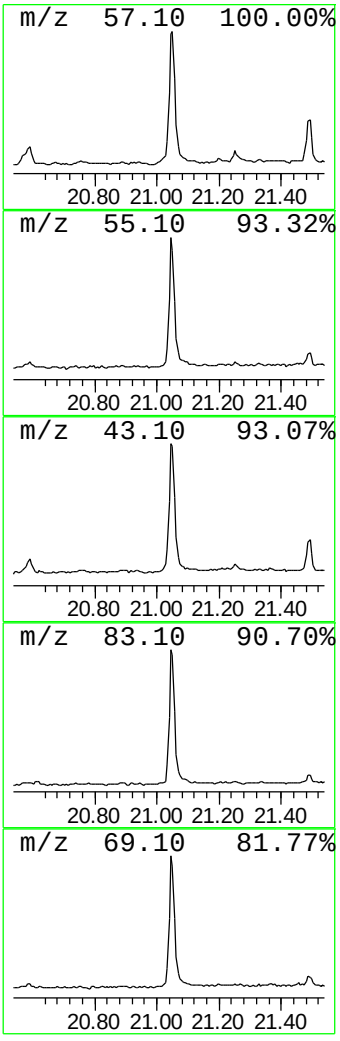
****

Peak Number 26 (DEL) Alkane: Cyclic21.04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	6.31 ng/ul	641290	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Operator : JU
Sample : K5028-07
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

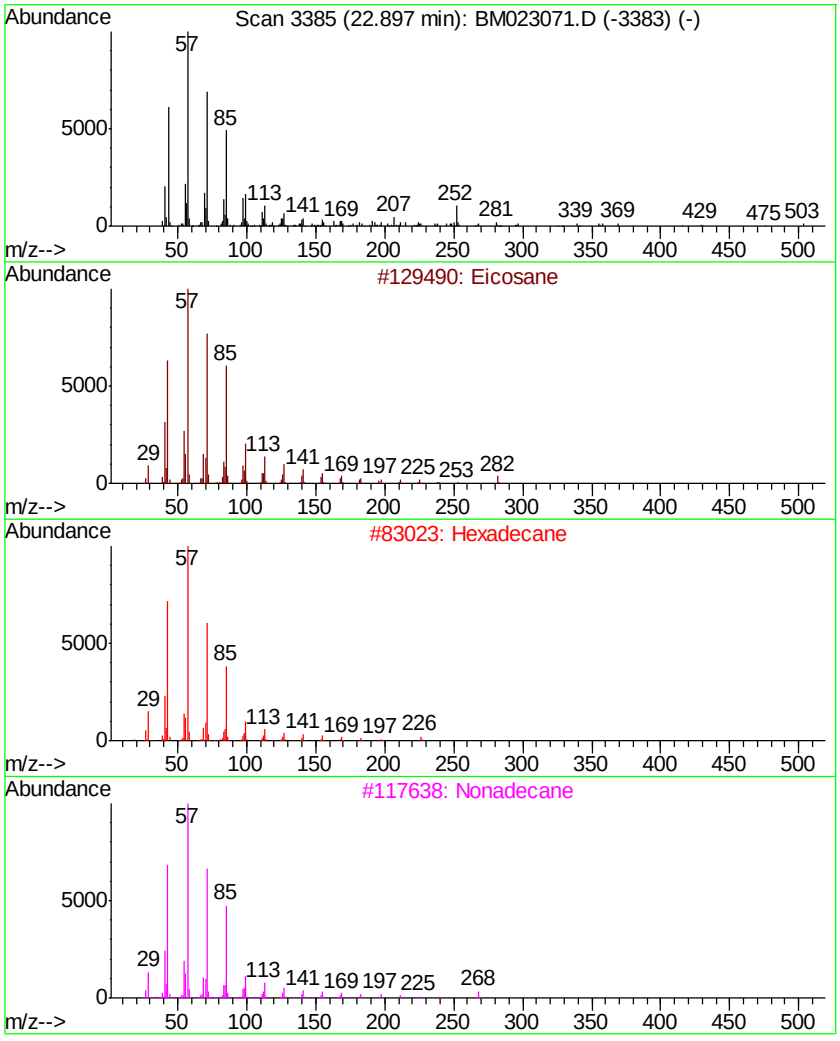
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

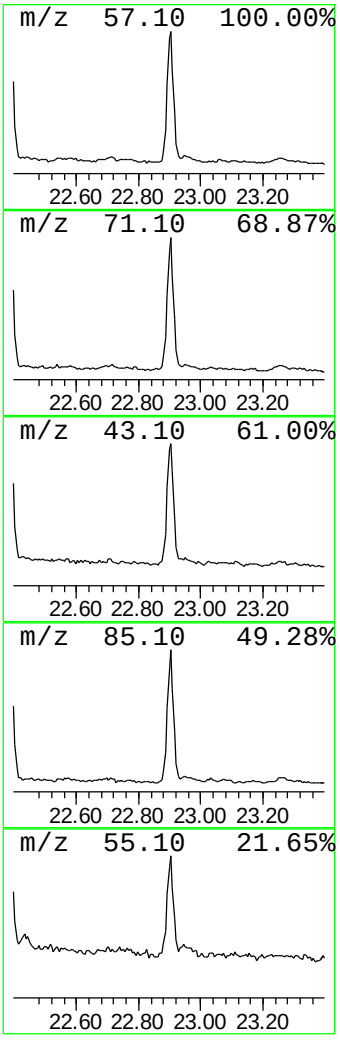
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.07 ng/ul	232938	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Hexadecane	226	C16H34	000544-76-3	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Hexadecane	226	C16H34	000544-76-3	94
5	Hexacosane	366	C26H54	000630-01-3	93





Tentatively Identified Compound (LSC) summary

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Data File : BM023071.D
Acq On : 09 Oct 2019 07:10
Operator : JU
Sample : K5028-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Propanoic acid, 1...	3.71	3.2	ng/ul	158340	1	7.77	985483	20.0
Propanoic acid, 2...	4.25	6.8	ng/ul	336884	1	7.77	985483	20.0
Propanoic acid, p...	4.42	9.6	ng/ul	473347	1	7.77	985483	20.0
Butanoic acid, 1-...	4.88	11.7	ng/ul	578585	1	7.77	985483	20.0
Benzene, propyl-	6.76	4.2	ng/ul	207720	1	7.77	985483	20.0
Benzene, 1,2,3-tr...	7.42	17.1	ng/ul	843255	1	7.77	985483	20.0
1-Hexanol, 2-ethyl-	7.84	2.5	ng/ul	125464	1	7.77	985483	20.0
Benzene, 1,2,4-tr...	7.89	4.9	ng/ul	239729	1	7.77	985483	20.0
Indane	8.15	6.4	ng/ul	314325	1	7.77	985483	20.0
(DEL) Alkane: Str...	8.32	2.8	ng/ul	137282	1	7.77	985483	20.0
3a,6-Methano-3aH-...	8.42	2.5	ng/ul	120538	1	7.77	985483	20.0
o-Cymene	8.77	3.2	ng/ul	159303	1	7.77	985483	20.0
Benzene, 2-ethyl-...	8.87	9.0	ng/ul	441465	1	7.77	985483	20.0
Benzene, 1,2,4,5-...	9.40	4.3	ng/ul	306415	2	10.56	1410220	20.0
Benzene, 1,2,3,4-...	9.46	6.5	ng/ul	462127	2	10.56	1410220	20.0
1H-Indene, 2,3-di...	9.82	2.8	ng/ul	200601	2	10.56	1410220	20.0
2,4-Dimethylstyrene	9.97	9.3	ng/ul	659233	2	10.56	1410220	20.0
Phenol, 3,5-dimet...	10.05	2.7	ng/ul	188985	2	10.56	1410220	20.0
Phenol, p-tert-bu...	11.90	2.1	ng/ul	148750	2	10.56	1410220	20.0
Naphthalene, 1-me...	12.45	6.0	ng/ul	423488	2	10.56	1410220	20.0
Phenol, 4-(1,1-di...	13.25	3.3	ng/ul	301088	3	14.41	1845760	20.0
Butyric acid, 3-m...	15.05	2.8	ng/ul	259785	3	14.41	1845760	20.0
n-Hexadecanoic acid	18.05	14.3	ng/ul	1325080	4	17.15	1851480	20.0
Octadecanoic acid	19.33	5.6	ng/ul	567764	5	21.33	2031310	20.0
(DEL) Alkane: Cyc...	21.04	6.3	ng/ul	641290	5	21.33	2031310	20.0
(DEL) Alkane: Str...	22.90	2.1	ng/ul	232938	6	23.58	2245480	20.0