LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023172.D
Acq On : 15 Oct 2019 18:34
Operator : JU
Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	35	44	58	rVV	2658058	3647892	33.70%	2.350%
2	3.664	110	115	123	rBV	423294	552602	5.11%	0.356%
3	3.764	128	132	139	rBV	185923	279147	2.58%	0.180%
4	3.922	153	159	166	rBV2	94212	208835	1.93%	0.135%
5	4.193	200	205	212	rBV	819989	1117814	10.33%	0.720%
6	4.258	212	216	226	rVB2	119567	188101	1.74%	0.121%
7	4.369	229	235	242	rBV	1031931	1454689	13.44%	0.937%
8	4.452	242	249	261	rVB2	371170	655153	6.05%	0.422%
9	4.816	302	311	320	rBV	1426848	1954634	18.06%	1.259%
10	5.034	342	348	354	rBV	204969	314963	2.91%	0.203%
11	5.234	375	382	388	rVV	108099	170520	1.58%	0.110%
12	5.381	399	407	412	rBV	173479	361153	3.34%	0.233%
13	5.669	447	456	460	rVV	176084	273825	2.53%	0.176%
14	5.728	460	466	476	rVV	677474	1116535	10.32%	0.719%
15	6.687	622	629	633	rBV	184205	315860	2.92%	0.203%
16	6.852	651	657	666	rVV2	534199	1082669	10.00%	0.697%
17	7.028	679	687	693	rBV	1115758	1822273	16.84%	1.174%
18	7.093	693	698	705	rVV	293181	480956	4.44%	0.310%
19	7.222	713	720	729	rVV	1335799	2194742	20.28%	1.414%
20	7.352	735	742	748	rVB	1523662	2369244	21.89%	1.526%
21	7.687	792	799	808	rBV	1545168	2565004	23.70%	1.652%
22	7.763	808	812	815	rVV	122605	203391	1.88%	0.131%
23	7.810	815	820	829	rVB	449254	724066	6.69%	0.466%
24	8.063	855	863	868	rVV	440166	761786	7.04%	0.491%
25	8.116	868	872	879	rVB	163752	254278	2.35%	0.164%
26	8.316	899	906	908	rBV	102105	178171	1.65%	0.115%
27	8.387	913	918	927	rVB	1187528	1886645	17.43%	1.215%
28	8.499	930	937	945	rBV	105071	199789	1.85%	0.129%
29	8.651	957	963	967	rBV	113542	195956	1.81%	0.126%
30	8.799	981	988	989	rBV2	321528	421233	3.89%	0.271%
31	8.834	989	994	999	rVV	1458229	2458441	22.71%	1.584%
32	8.875	999	1001	1008	rVB3	160246	218724	2.02%	0.141%
33	9.322	1073	1077	1081	rVB2	174205	264443	2.44%	0.170%
34	9.375	1081	1086	1094	rVB	263834	441348	4.08%	0.284%

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Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	9.551	1110	1116	1125	rBV	1105783	1858131	17.17%	1.197%
36	9.651	1127	1133	1137	rVV	190672	323020	2.98%	0.208%
37	9.734	1142	1147	1153	rVV	154015	252340	2.33%	0.163%
38	9.887	1163	1173	1180	rBV3	384065	815406	7.53%	0.525%
39	9.957	1180	1185	1194	rBV	264640	462937	4.28%	0.298%
40	10.087	1200	1207	1217	rVB	2036768	3542427	32.73%	2.282%
41	10.469	1264	1272	1278	rBV	2203702	3778854	34.91%	2.434%
42	10.522	1278	1281	1288	rVV	218399	382283	3.53%	0.246%
43	10.598	1288	1294	1307	rVV2	1332094	2709467	25.03%	1.745%
44	10.745	1315	1319	1324	rVB	104447	170176	1.57%	0.110%
45	11.016	1359	1365	1368	rBV	100561	172699	1.60%	0.111%
46	11.057	1368	1372	1380	rVV2	149379	275002	2.54%	0.177%
47	11.145	1382	1387	1401	rVV9	85191	243773	2.25%	0.157%
48	11.304	1405	1414	1418	rVV2	131025	294059	2.72%	0.189%
49	11.575	1452	1460	1468	rVV3	157100	400934	3.70%	0.258%
50	11.822	1493	1502	1507	rBV	233840	475660	4.39%	0.306%
51	12.181	1559	1563	1569	rVV2	140278	276825	2.56%	0.178%
52	12.234	1569	1572	1582	rVB2	109689	196366	1.81%	0.126%
53	12.357	1585	1593	1599	rVB2	433280	767082	7.09%	0.494%
54	13.034	1702	1708	1712	rBV3	87567	174044	1.61%	0.112%
55	13.181	1727	1733	1739	rVV	342711	592824	5.48%	0.382%
56	13.381	1764	1767	1774	rVB6	127144	219464	2.03%	0.141%
57	13.451	1774	1779	1782	rBV4	128172	219606	2.03%	0.141%
58	13.657	1810	1814	1817	rBV4	159279	256292	2.37%	0.165%
59	13.704	1817	1822	1824	rVV	249543	430623	3.98%	0.277%
60	13.745	1824	1829	1833	rVV	3856581	5340181	49.34%	3.440%
61	13.792	1833	1837	1848	rVB	3025588	4194688	38.76%	2.702%
62	14.016	1869	1875	1884	rBV	4325018	6761225	62.47%	4.355%
63	14.092	1884	1888	1892	rVB	162675	229446	2.12%	0.148%
64	14.145	1892	1897	1899	rBV2	117750	190148	1.76%	0.122%
65	14.181	1899	1903	1906	rVV	246783	305598	2.82%	0.197%
66	14.328	1920	1928	1935	rBV	3464022	5785057	53.45%	3.726%
67	14.386	1935	1938	1943	rVB2	199843	271460	2.51%	0.175%
68	14.457	1946	1950	1954	rBV4	104281	216574	2.00%	0.140%
69	14.516	1955	1960	1966	rVB3	602629	973806	9.00%	0.627%
70	14.845	2012	2016	2020	rVB2	212983	315671	2.92%	0.203%
71	15.098	2054	2059	2062	rVV2	189593	296068	2.74%	0.191%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

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Peak separation: 5

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

72	15.139	2063	2066	2074	rVV5	121792	246617	2.28%	0.159%
73	15.216	2075	2079	2091	rVB2	408034	671633	6.21%	0.433%
74	15.327	2092	2098	2103	rBV	5374979	7991697	73.84%	5.148%
75	15.375	2103	2106	2111	rVB4	149556	198008	1.83%	0.128%
76	15.433	2111	2116	2124	rBV	1555687	2228371	20.59%	1.435%
77	15.575	2136	2140	2148	rVB5	130512	264325	2.44%	0.170%
78	15.645	2148	2152	2157	rBV	533434	816989	7.55%	0.526%
79	15.769	2171	2173	2180	rVB2	203962	314689	2.91%	0.203%
80	15.992	2207	2211	2215	rBV2	201449	312137	2.88%	0.201%
81	16.339	2266	2270	2279	rBV	700297	1255051	11.60%	0.808%
82	17.074	2389	2395	2400	rBV	4276665	6259306	57.83%	4.032%
83	17.169	2405	2411	2422	rVB2	6573999	9454776	87.35%	6.090%
84	18.004	2548	2553	2561	rBV	2186991	3086583	28.52%	1.988%
85	19.133	2742	2745	2748	rBV2	249637	316700	2.93%	0.204%
86	19.286	2767	2771	2780	rBV	1484937	2113051	19.52%	1.361%
87	19.468	2796	2802	2808	rBV	7805276	10823536	100.00%	6.972%
88	19.521	2808	2811	2815	rVB2	229922	275551	2.55%	0.177%
89	20.062	2900	2903	2908	rBV	187096	197533	1.83%	0.127%
90	20.557	2985	2987	2991	rVB	326559	320286	2.96%	0.206%
91	21.009	3060	3064	3071	rBV2	1333914	2059502	19.03%	1.327%
92	21.262	3101	3107	3112	rBV	5543765	7144184	66.01%	4.602%
93	21.462	3137	3141	3145	rVB	653782	737904	6.82%	0.475%
94	21.898	3211	3215	3226	rVB	745022	986486	9.11%	0.635%
95	22.362	3290	3294	3305	rVB	714880	975733	9.01%	0.629%
96	22.874	3377	3381	3391	rVB	718936	1065013	9.84%	0.686%
97	23.339	3453	3460	3470	rVB	5461980	9929856	91.74%	6.396%
98	23.480	3473	3484	3493	rVB	3472063	7696789	71.11%	4.958%
99	24.103	3585	3590	3597	rVB	565882	1024741	9.47%	0.660%
100	24.856	3714	3718	3728	rVB	431515	975264	9.01%	0.628%

Sum of corrected areas: 155247409

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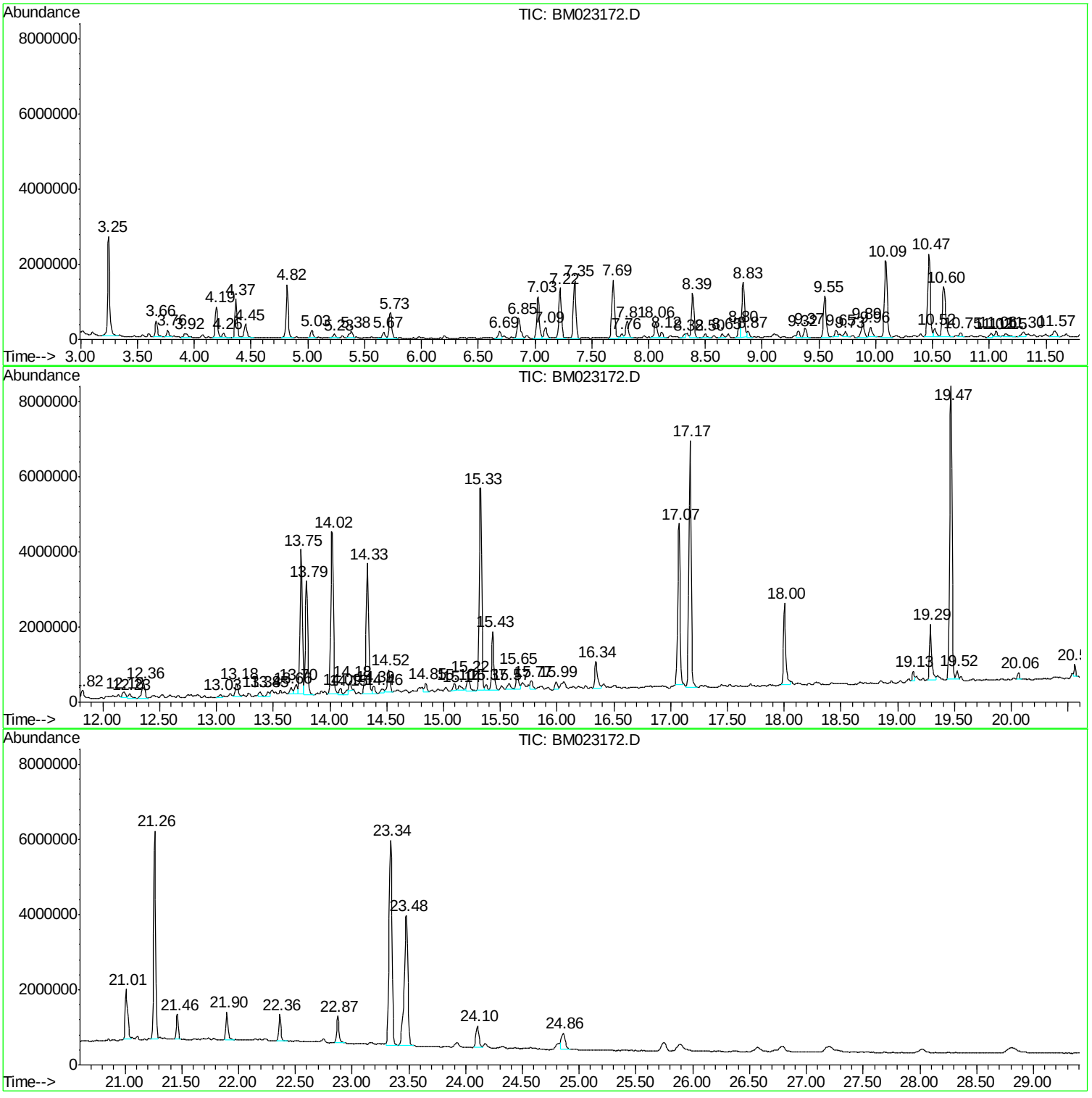
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDM9

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

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

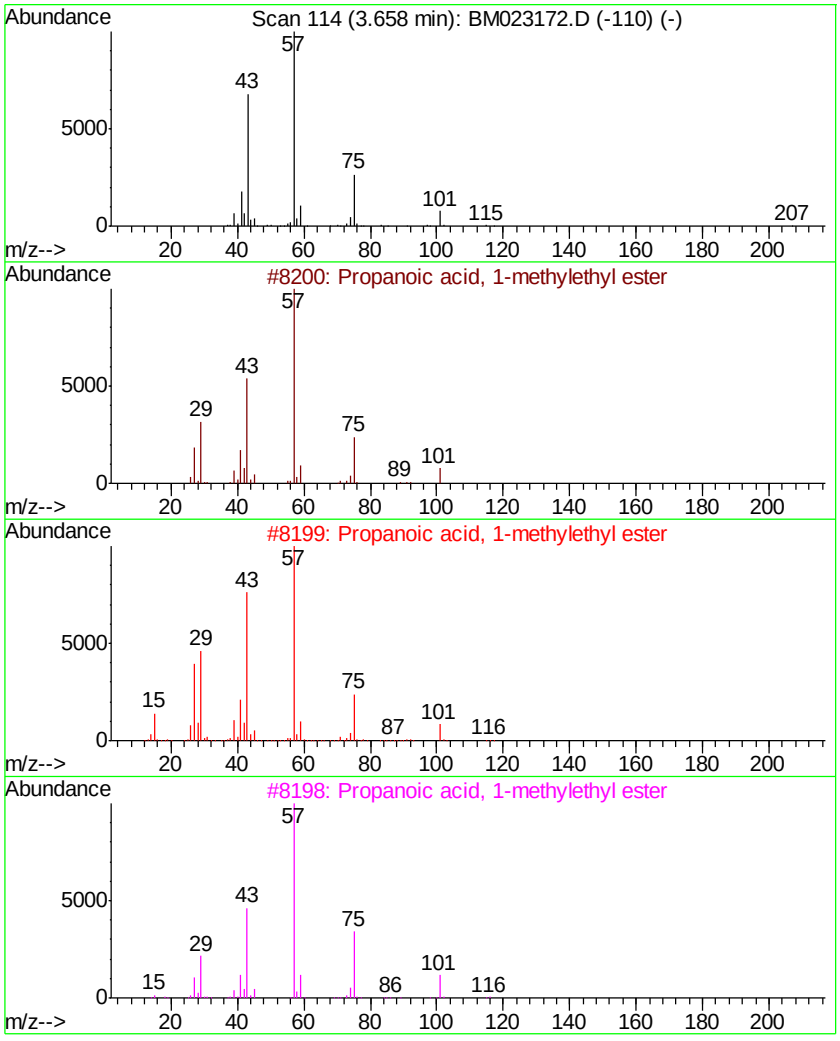
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

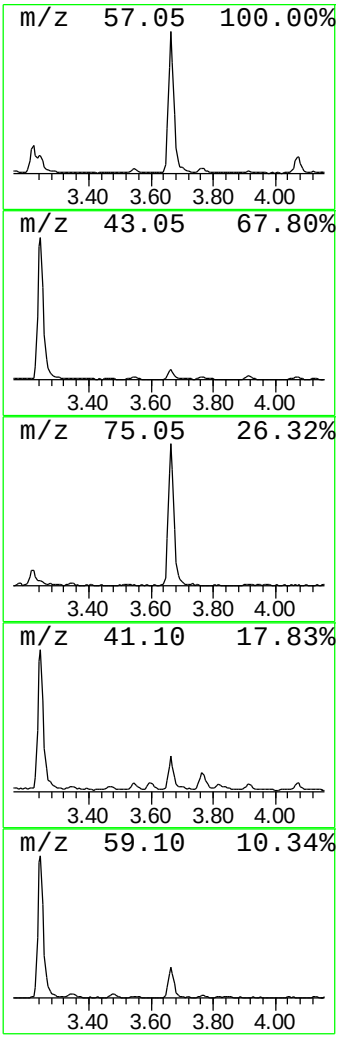
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	4.31 ng/ul	552602	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	50
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	40





Library Search Compound Report

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Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

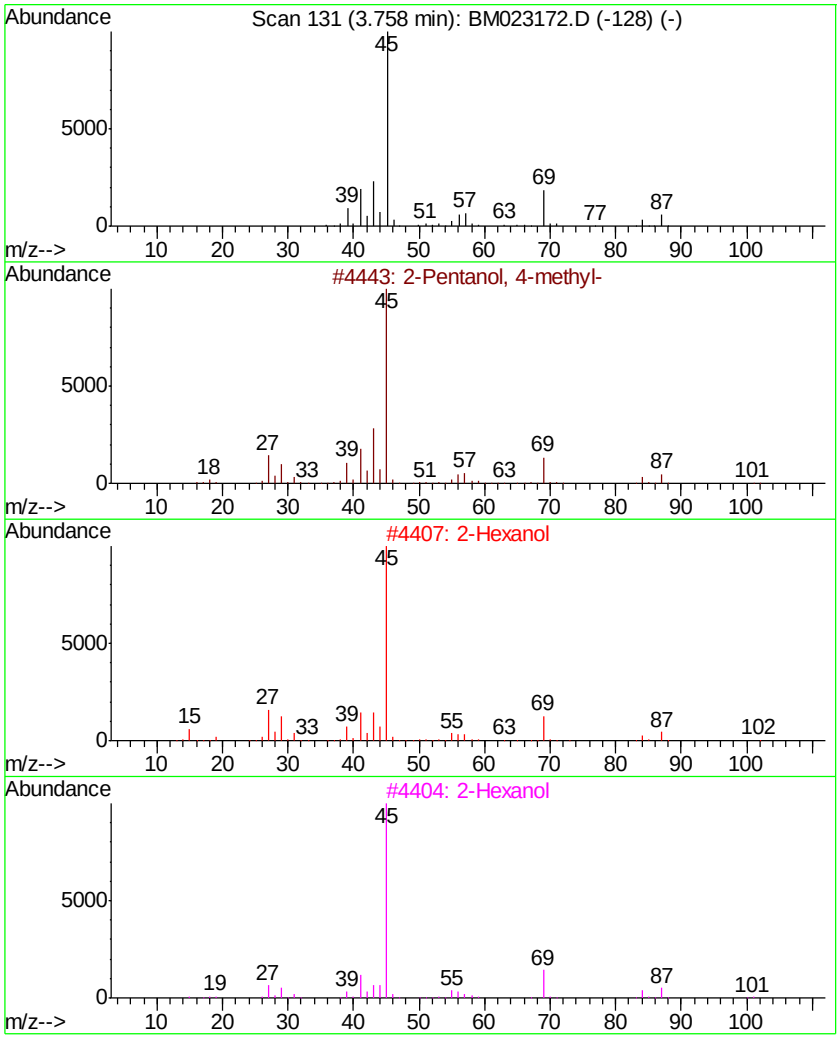
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

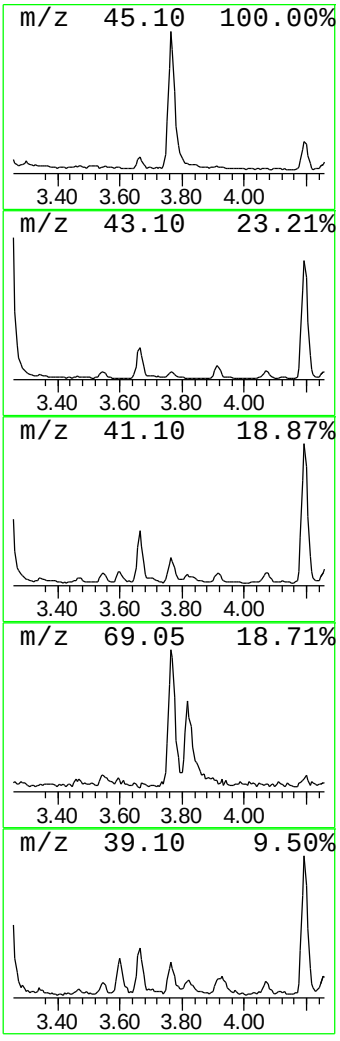
****

Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.18 ng/ul	279147	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Hexanol	102	C6H14O	000626-93-7	78
4	2-Hexanol	102	C6H14O	000626-93-7	64
5	2-Nonanol	144	C9H20O	000628-99-9	64





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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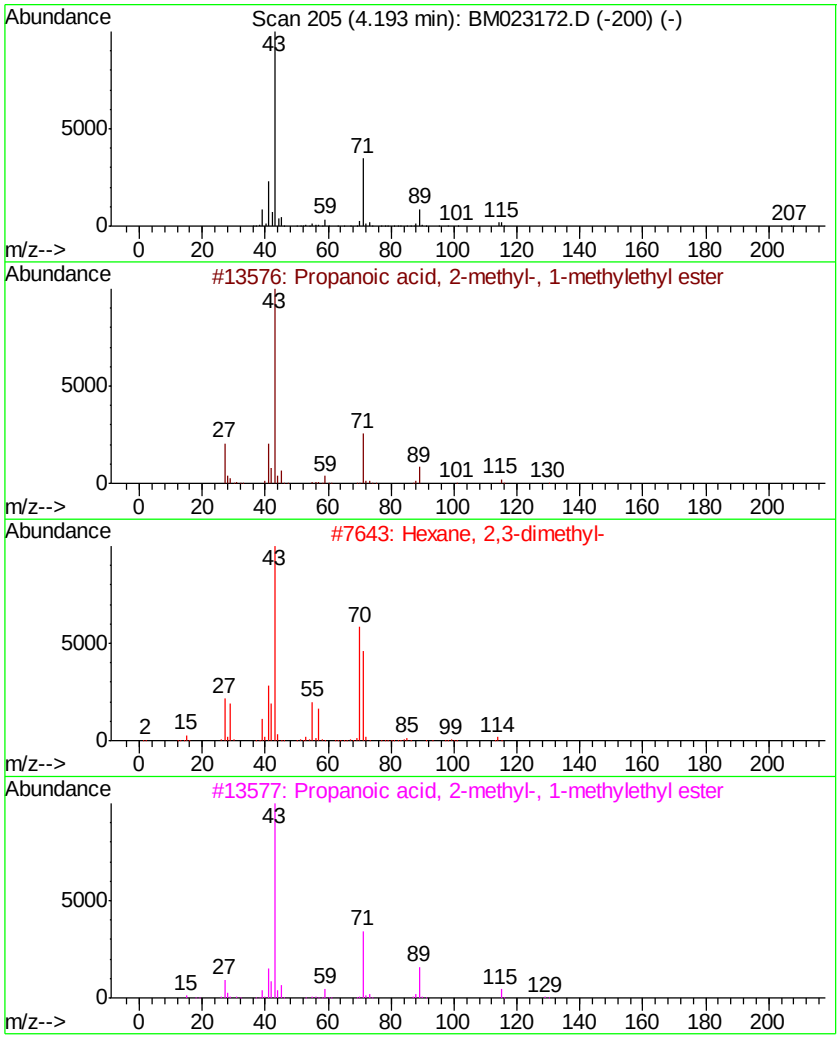
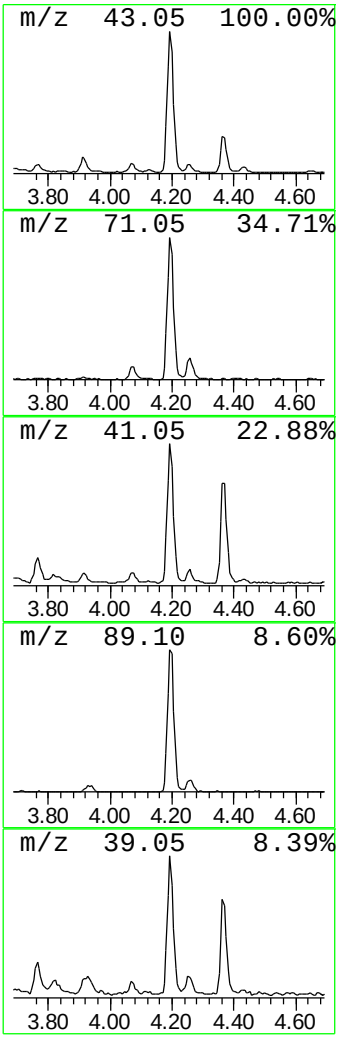
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	8.72 ng/ul	1117810	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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Instrument : BNA_M
ClientSampleId : BFDM9

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

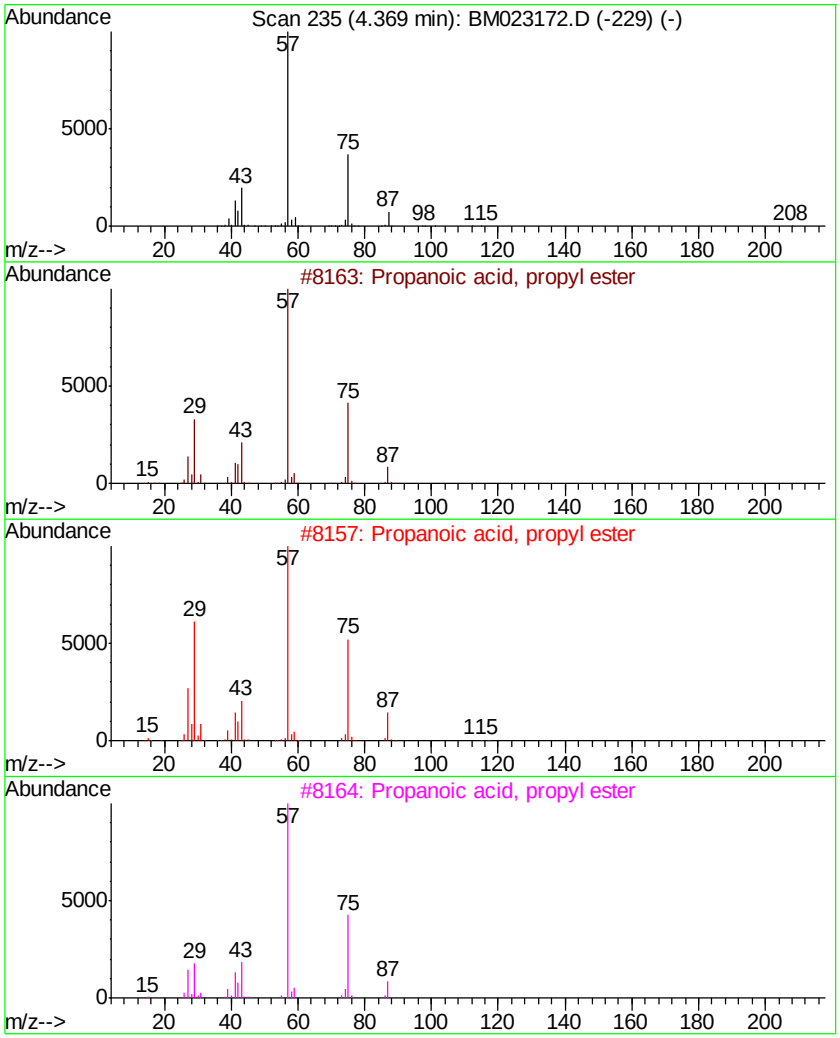
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

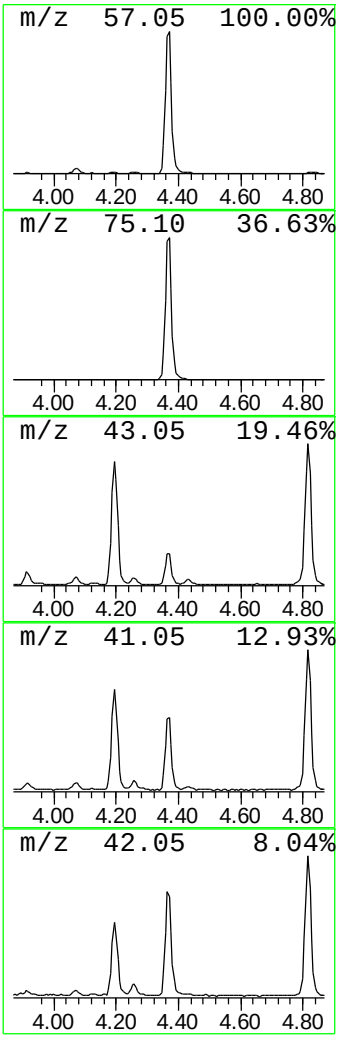
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	11.34 ng/ul	1454690	1,4-Dichlorobenzene-d4	7.69

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	74
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	9





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Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

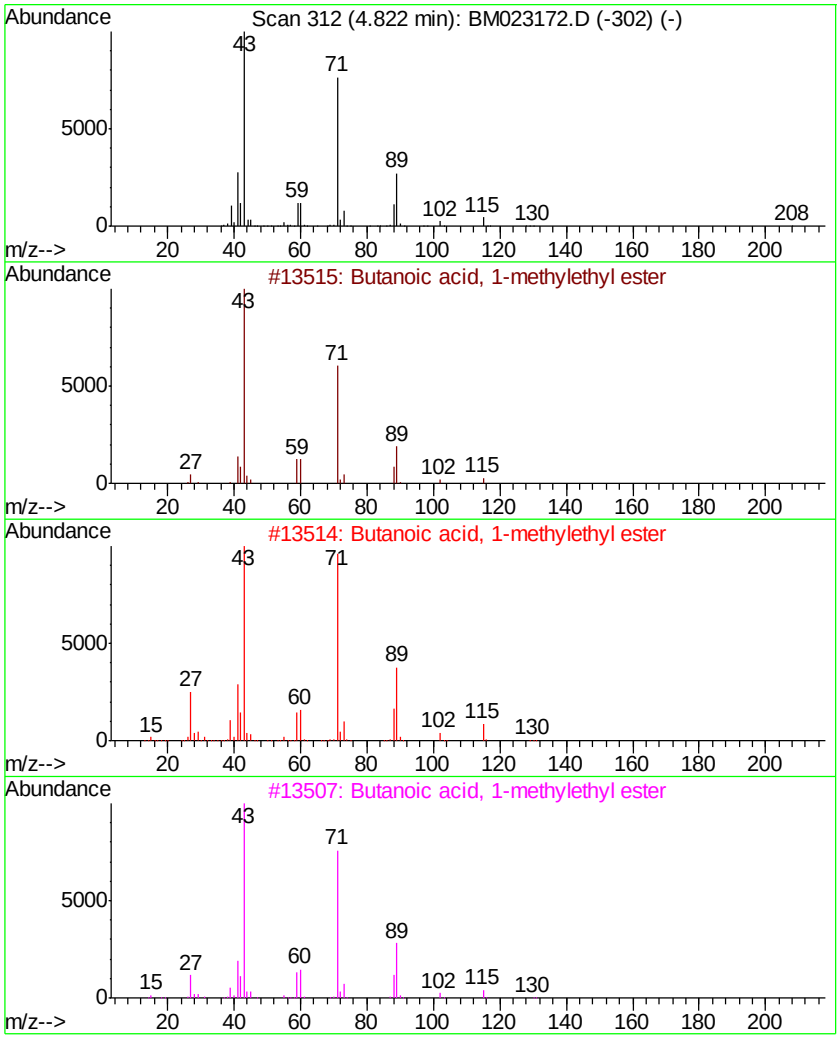
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

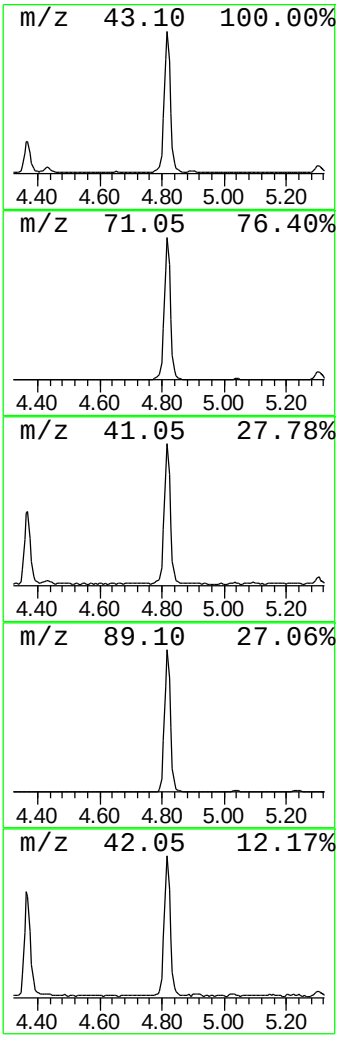
****

Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	15.24 ng/ul	1954630	1,4-Dichlorobenzene-d4	7.69

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	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





Library Search Compound Report

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Acq On : 15 Oct 2019 18:34
Operator : JU
Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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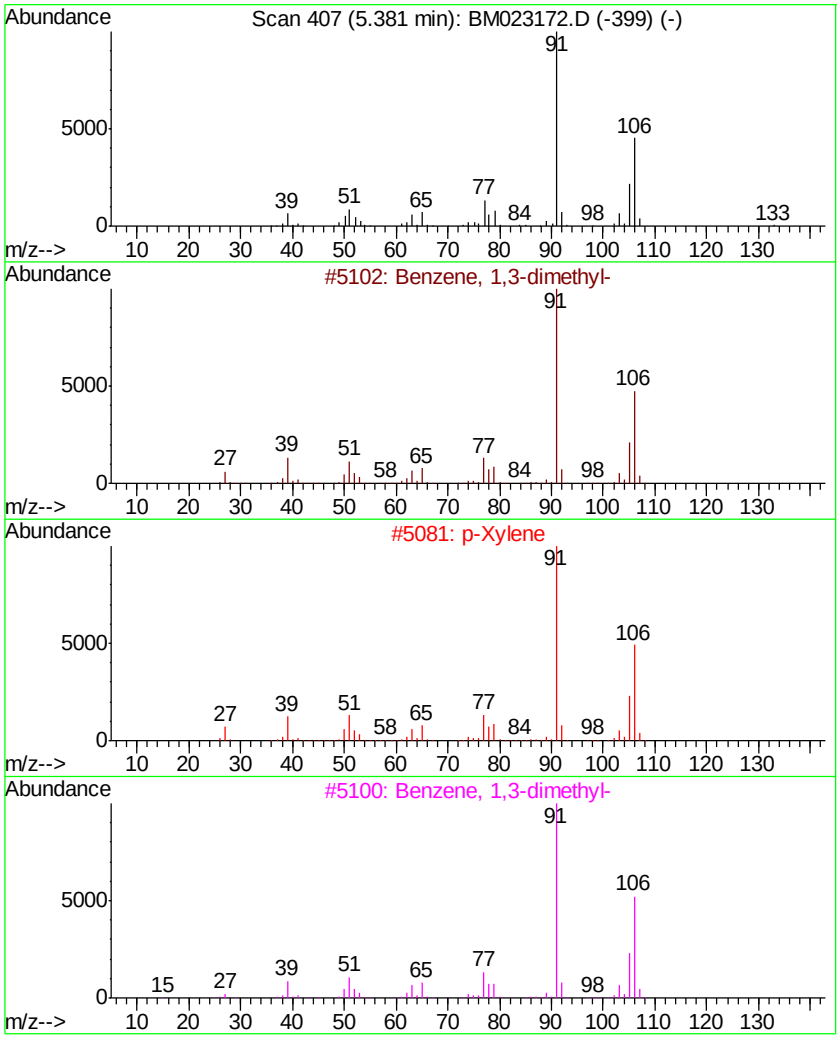
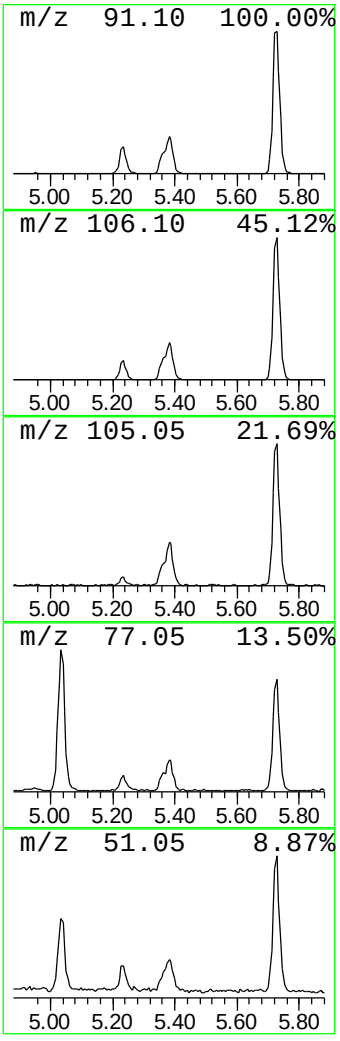
Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	2.82 ng/ul	361153	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





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Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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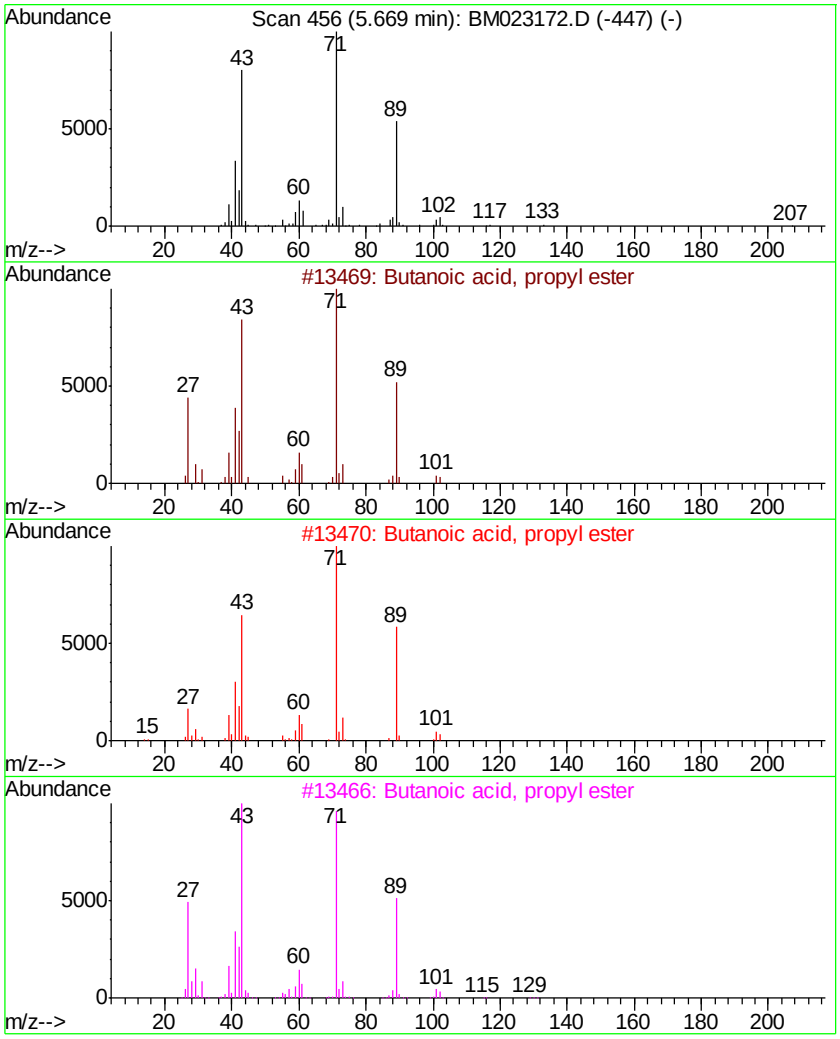
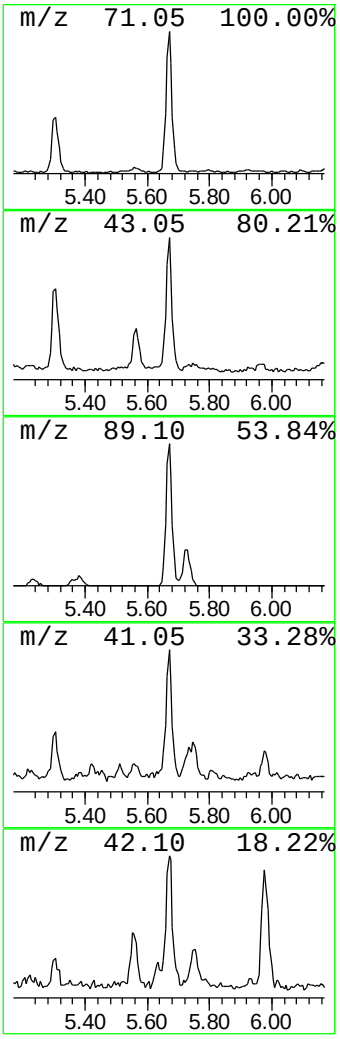
Peak Number 9 Butanoic acid, propyl ester Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	2.14 ng/ul	273825	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
5	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	78





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Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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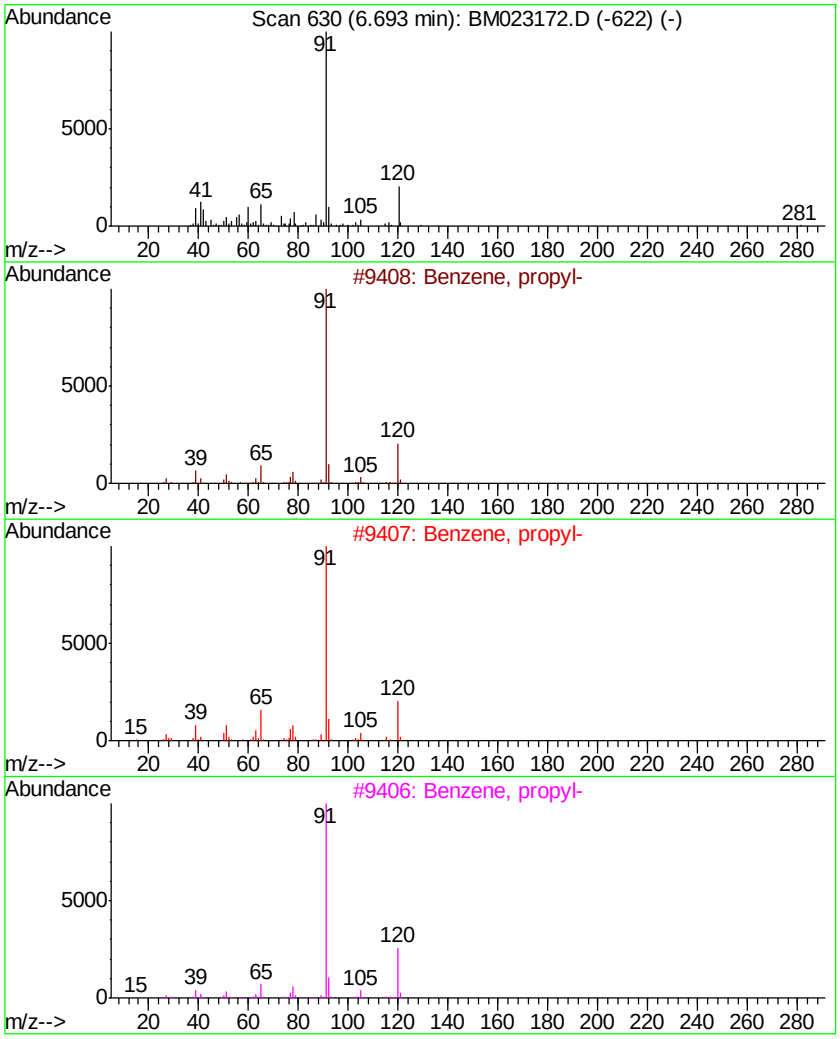
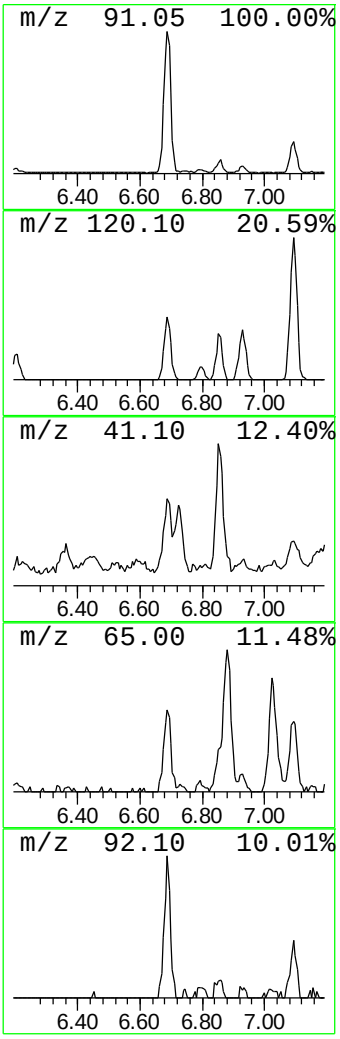
Peak Number 11 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	2.46 ng/ul	315860	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	70
2	Benzene, propyl-	120	C9H12	000103-65-1	62
3	Benzene, propyl-	120	C9H12	000103-65-1	58
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53





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Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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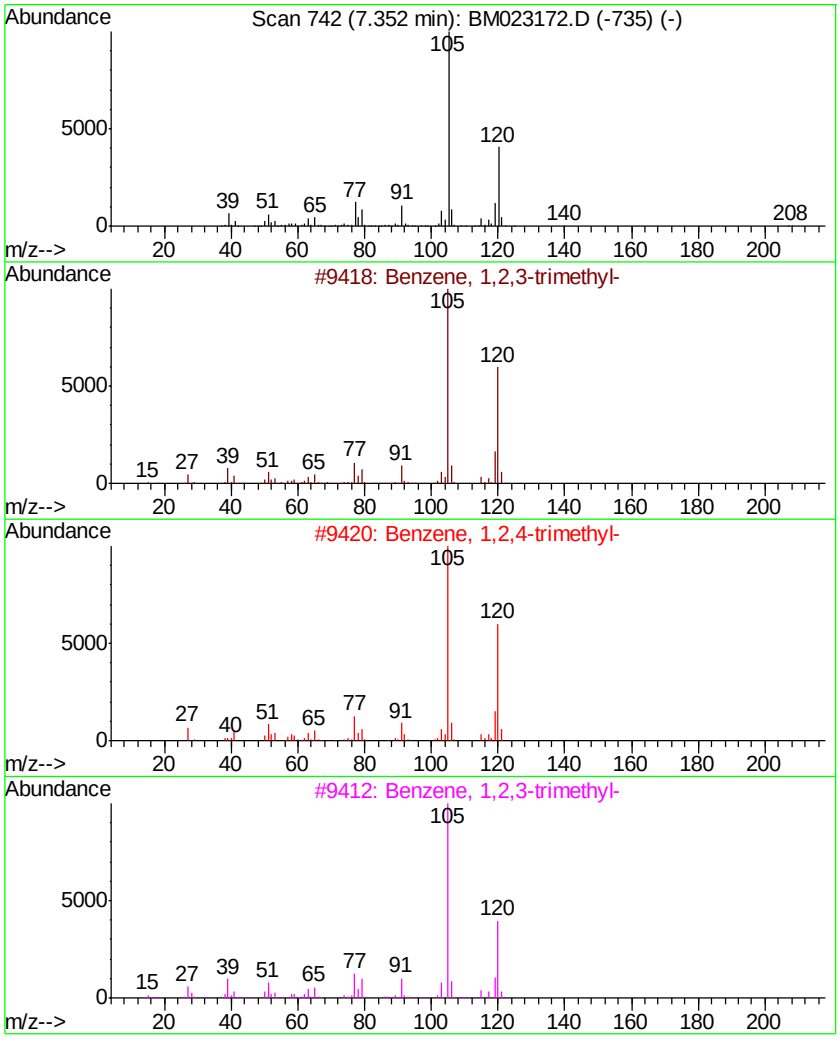
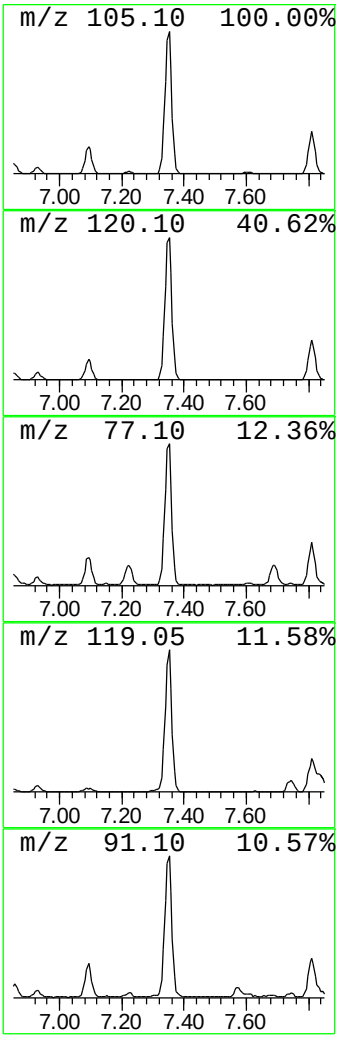
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	18.47 ng/ul	2369240	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 15 Oct 2019 18:34
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Quant Title : SVOA CALIBRATION

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

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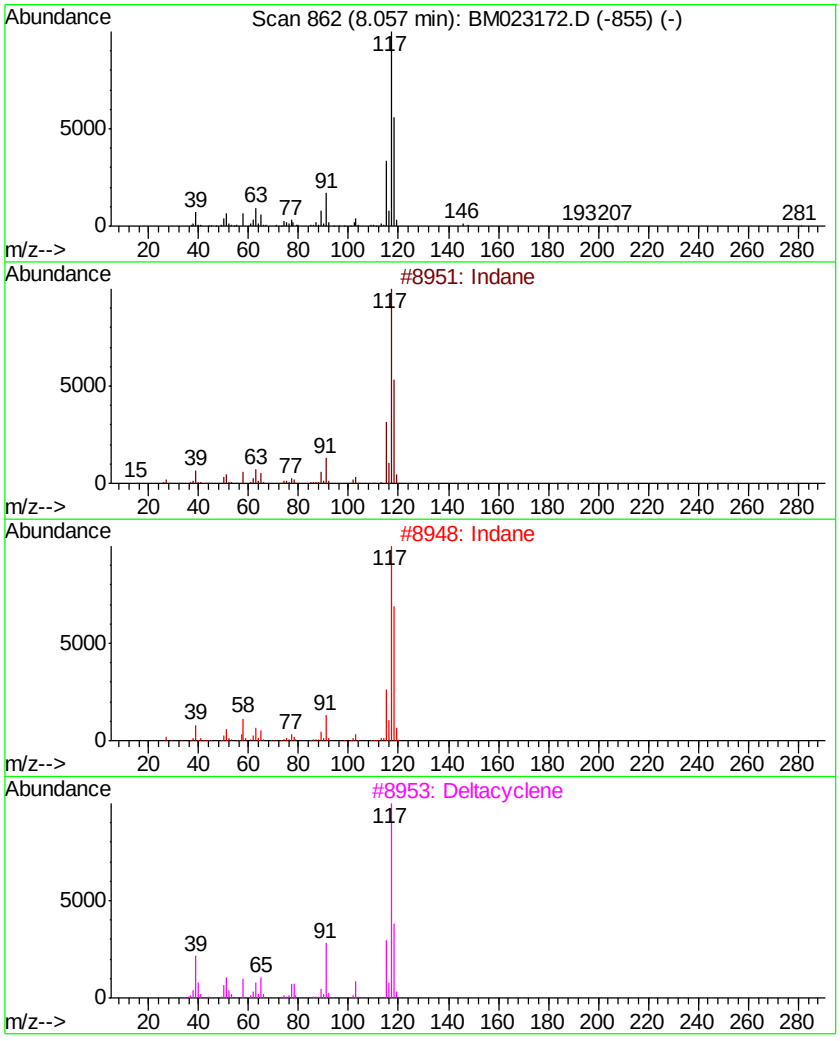
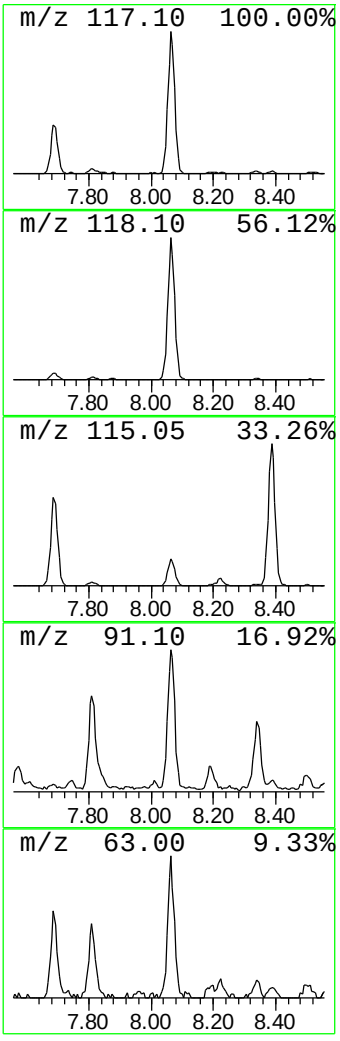
Peak Number 15 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.94 ng/ul	761786	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	80
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





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Quant Title : SVOA CALIBRATION

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

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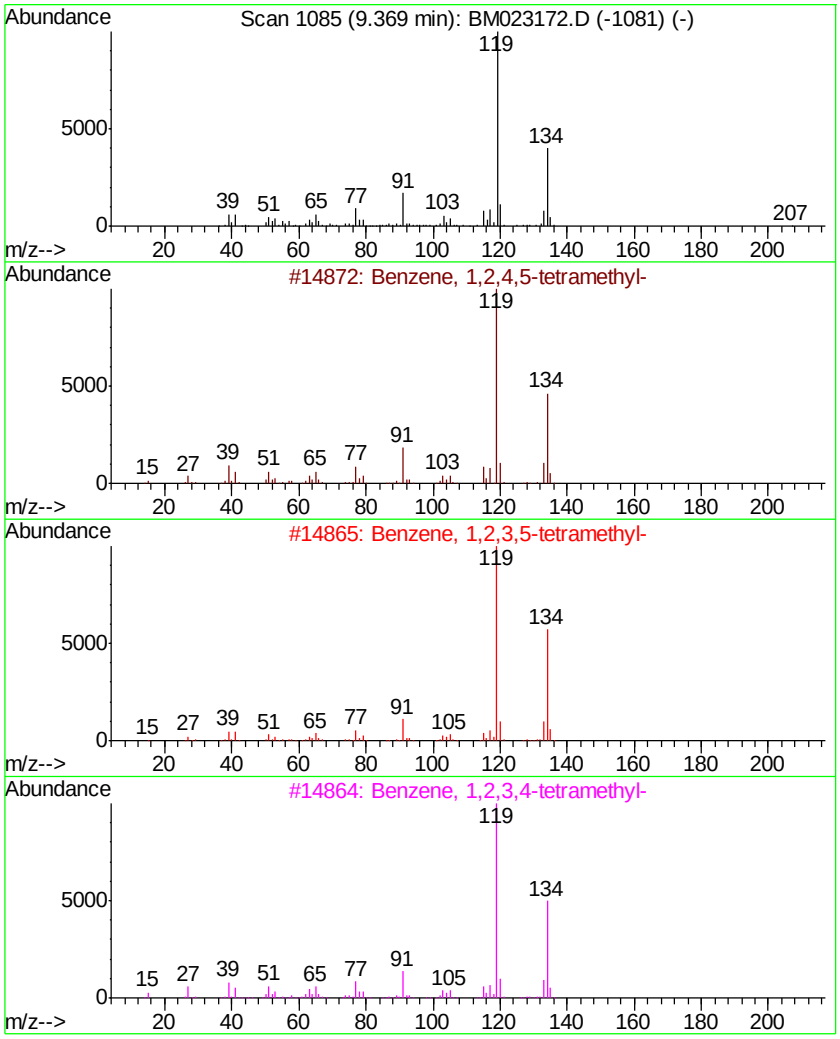
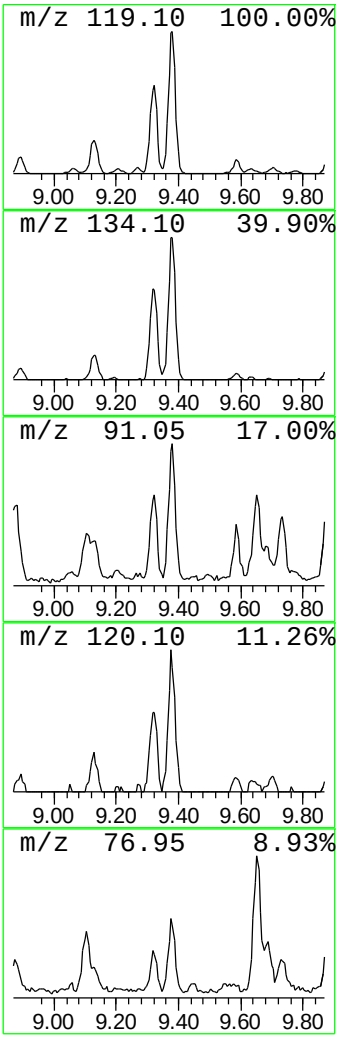
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.34 ng/ul	441348	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95





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Quant Title : SVOA CALIBRATION

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

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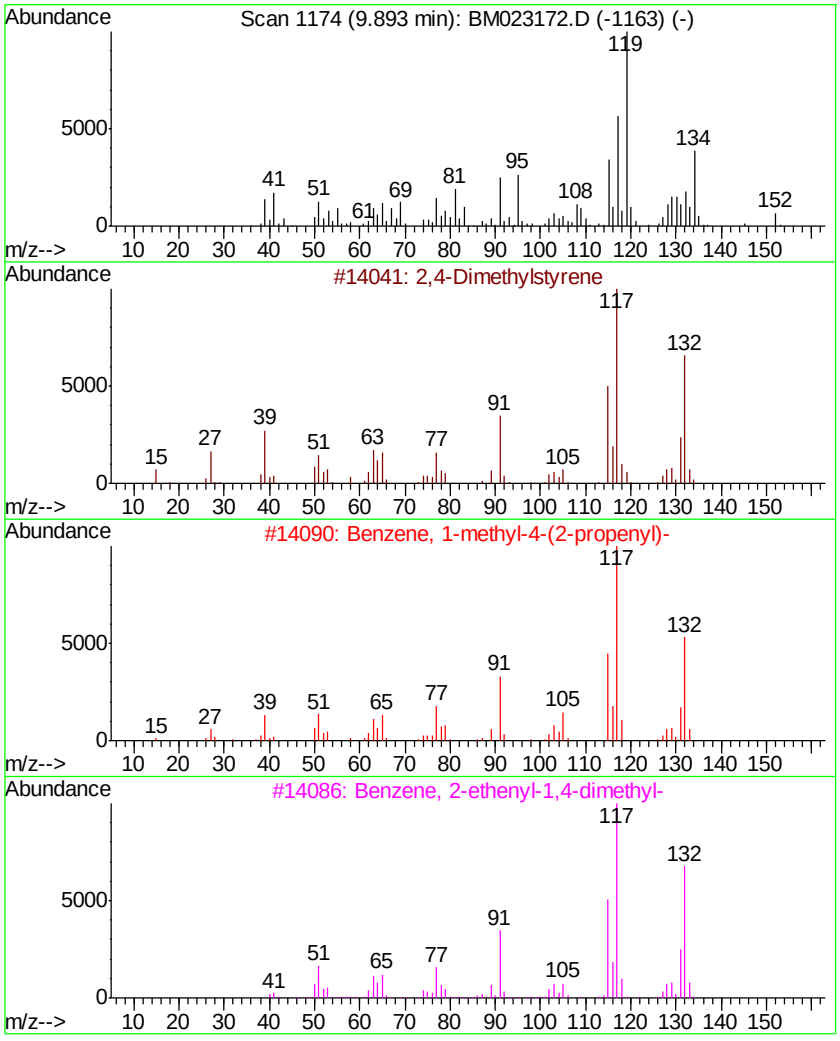
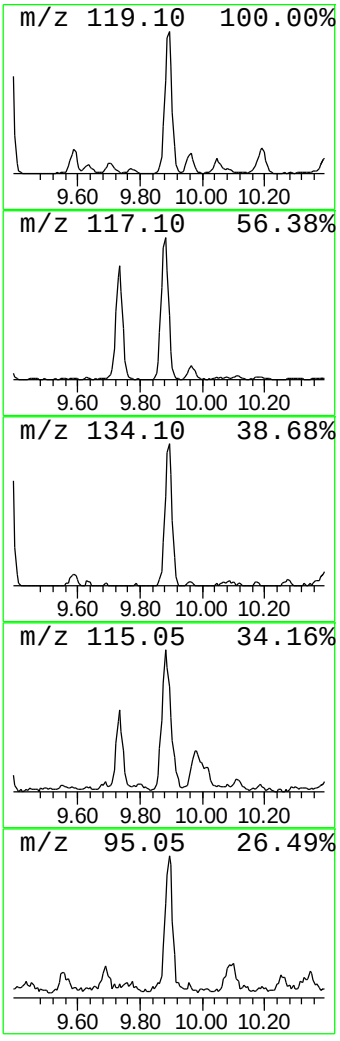
Peak Number 17 2,4-Dimethylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	4.32 ng/ul	815406	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	64
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





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Quant Title : SVOA CALIBRATION

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

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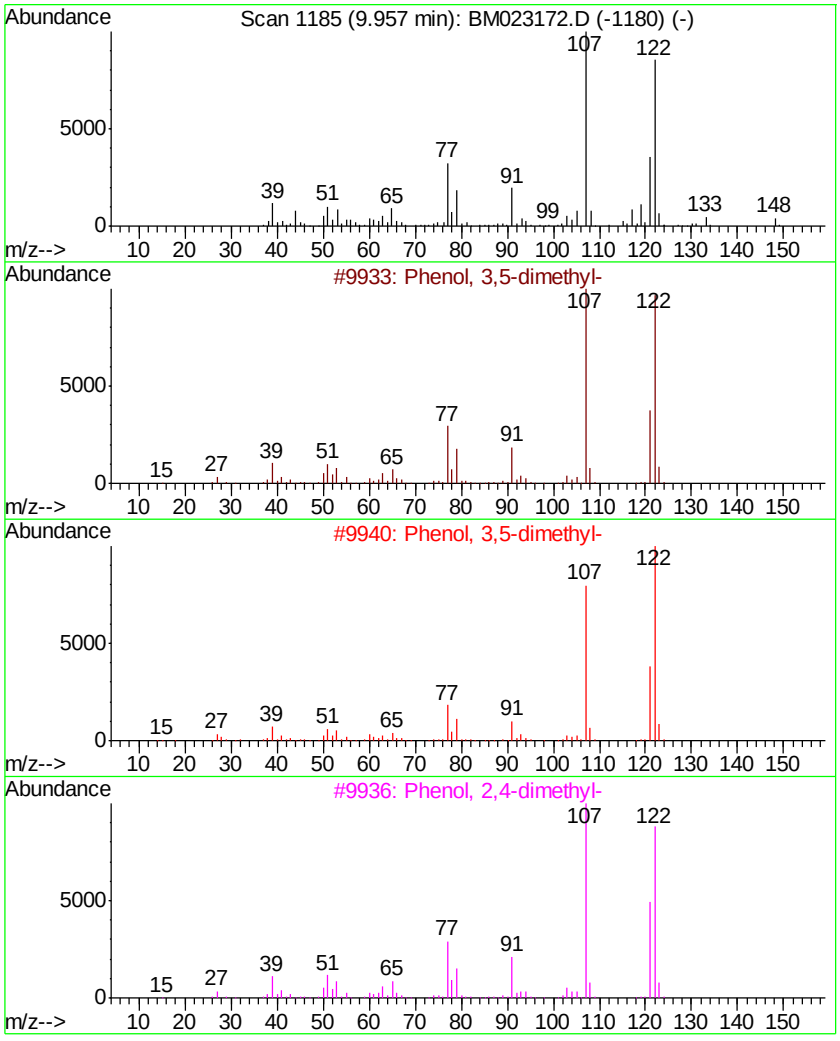
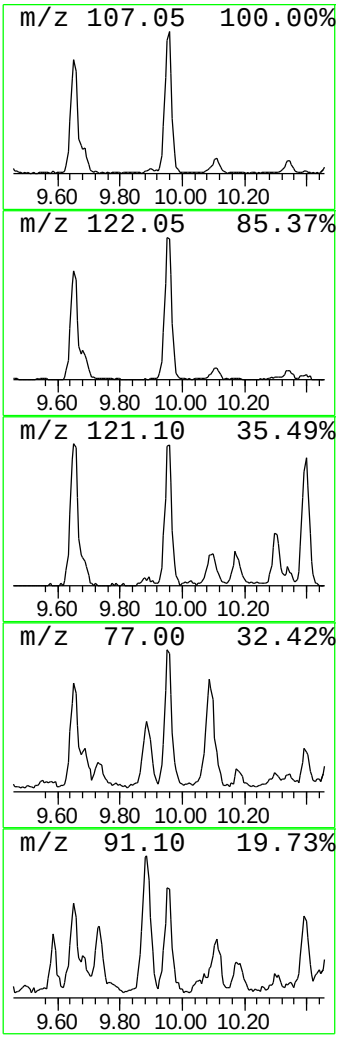
Peak Number 18 Phenol, 3,5-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	2.45 ng/ul	462937	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	93
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93





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Quant Title : SVOA CALIBRATION

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

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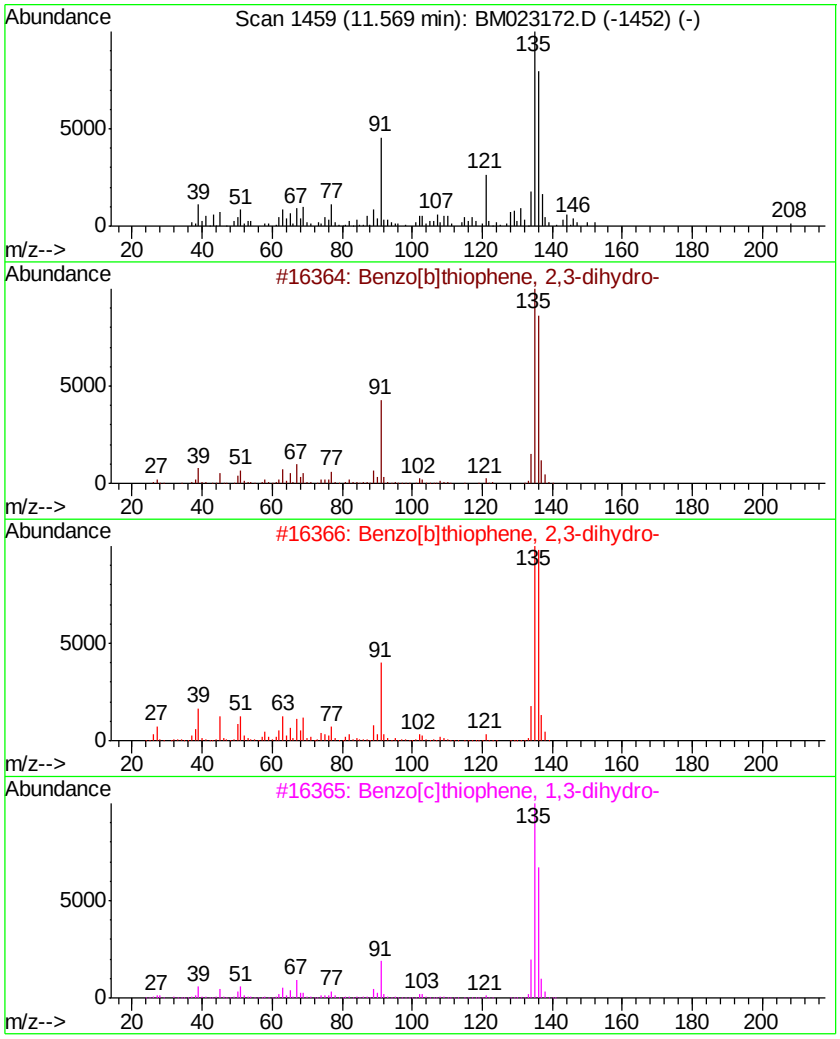
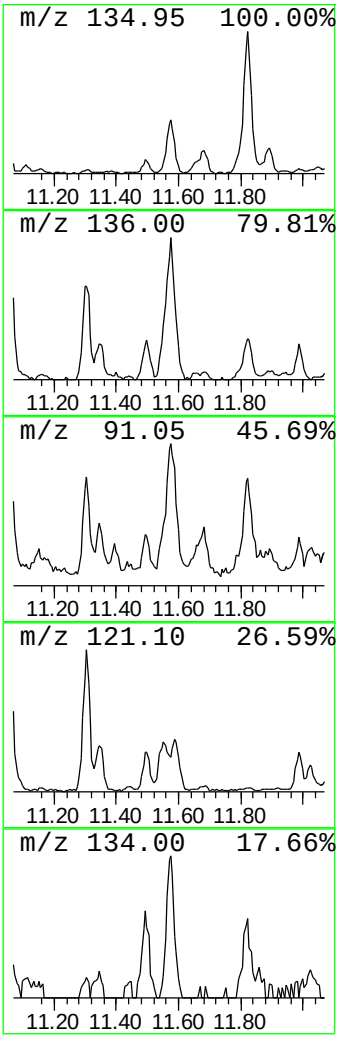
Peak Number 19 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.12 ng/ul	400934	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	81
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	81
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	68
4	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	58
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	53





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Quant Title : SVOA CALIBRATION

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

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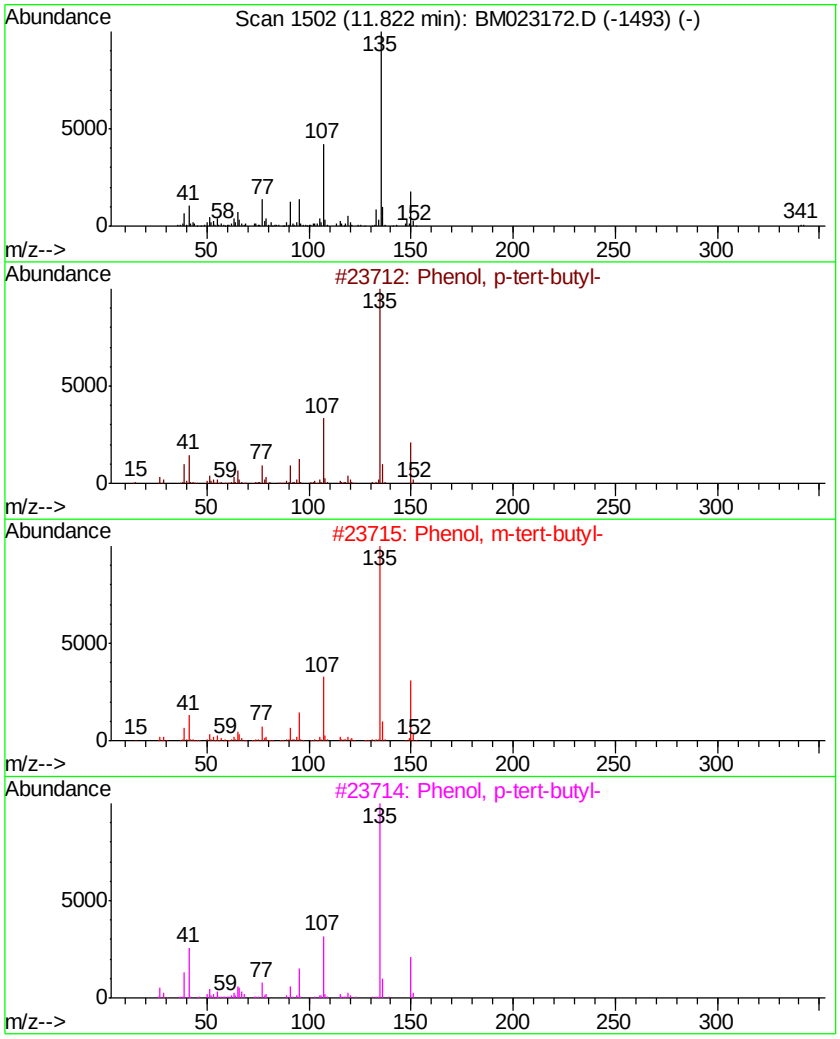
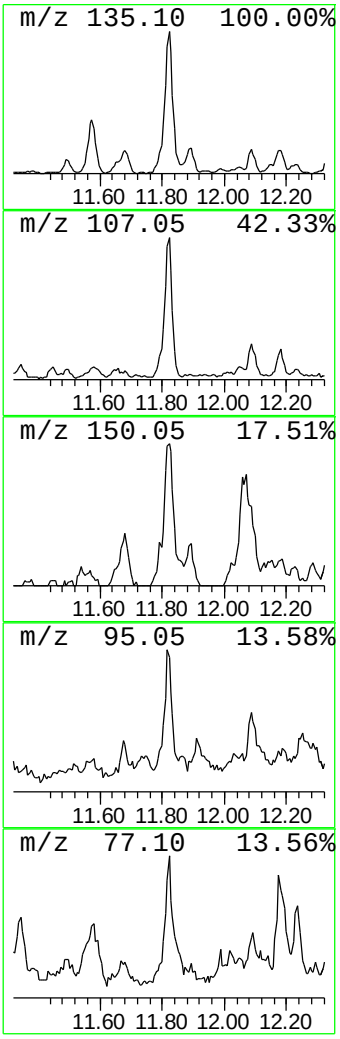
Peak Number 20 Phenol, p-tert-butyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.52 ng/ul	475660	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	83
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	76
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72





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Quant Title : SVOA CALIBRATION

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

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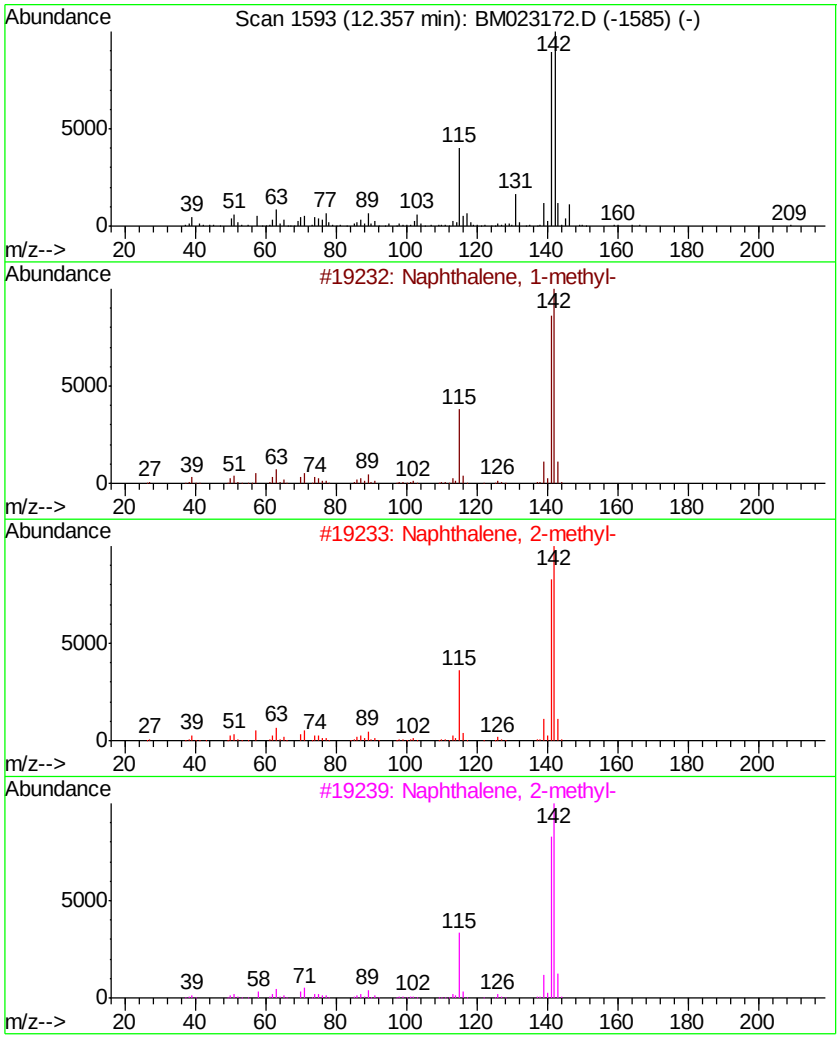
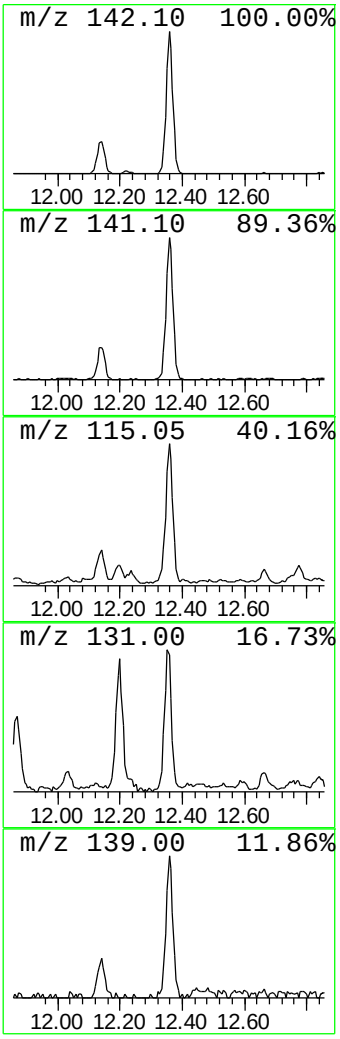
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.06 ng/ul	767082	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : JU
Sample : K5028-15
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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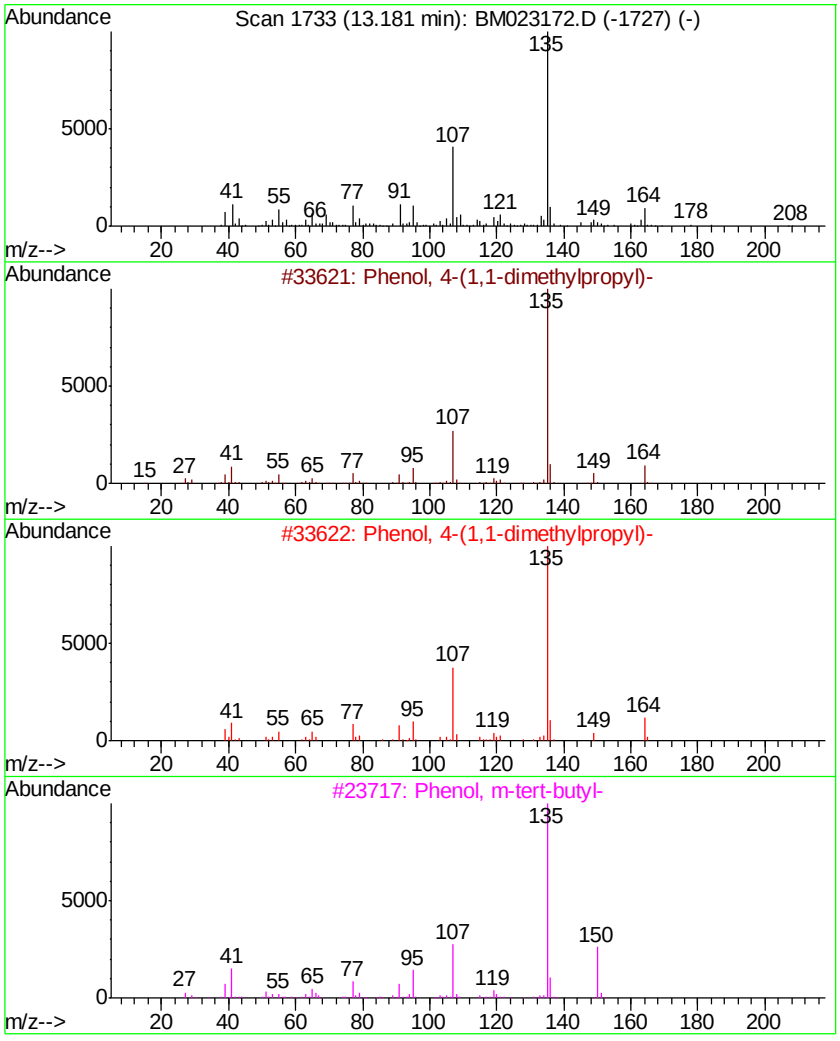
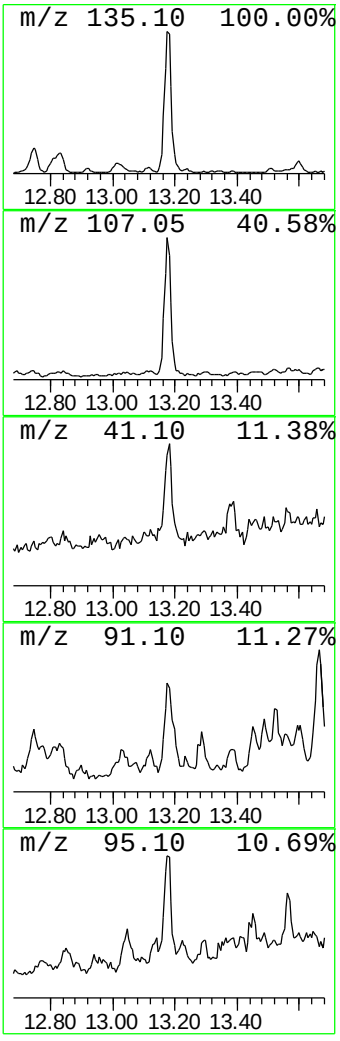
Peak Number 22 Phenol, 4-(1,1-dimethylprop... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.05 ng/ul	592824	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	90
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
4	Propane, 1,3-bis(ethylthio)-	164	C7H16S2	033672-52-5	64
5	Hexestrol	270	C18H22O2	000084-16-2	59





Library Search Compound Report

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Data File : BM023172.D
Acq On : 15 Oct 2019 18:34
Operator : JU
Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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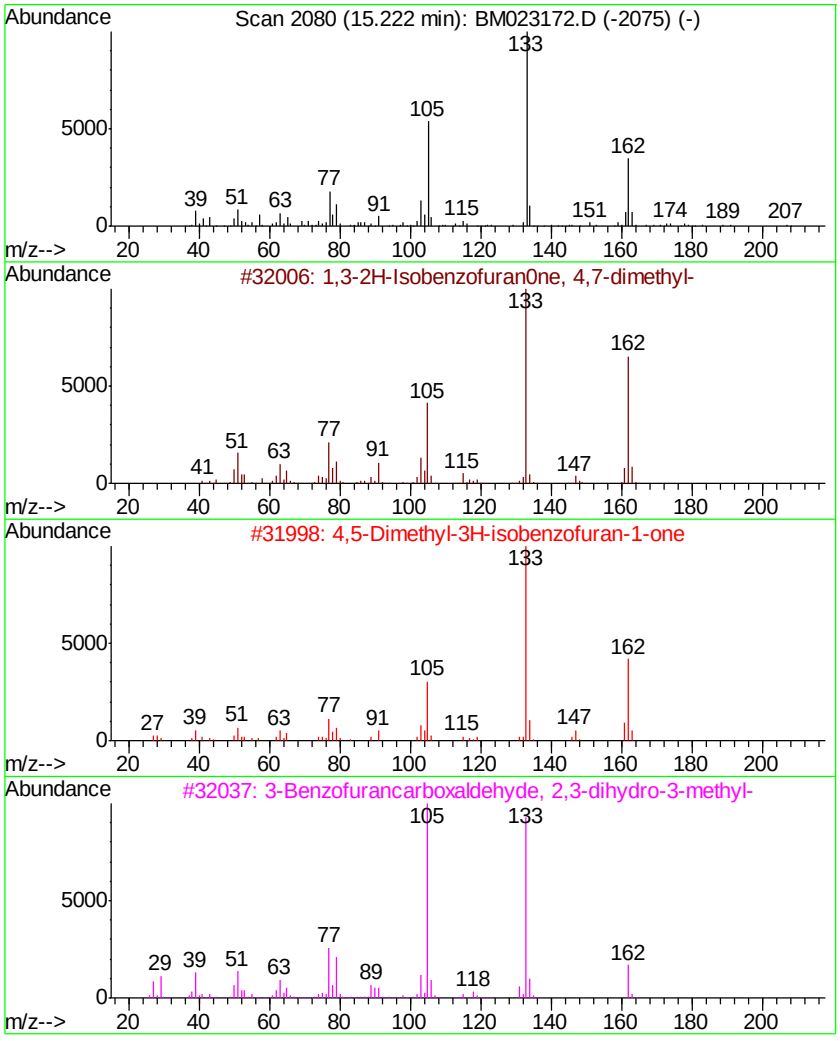
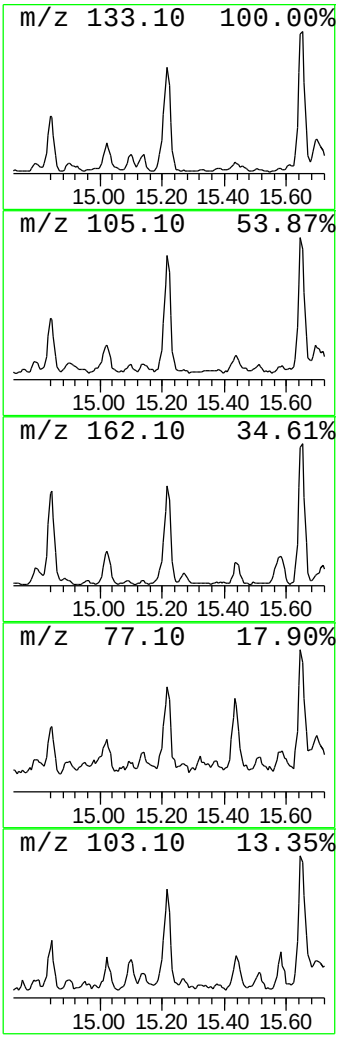
Peak Number 23 1,3-2H-Isobenzofuran0ne, 4,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.32 ng/ul	671633	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	87
2	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	86
3	3-Benzofurancarboxaldehyde, 2,3-...	162	C10H10O2	039891-60-6	83
4	1-Penten-3-ol, 1-phenyl-	162	C11H14O	034862-94-7	83
5	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	80





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ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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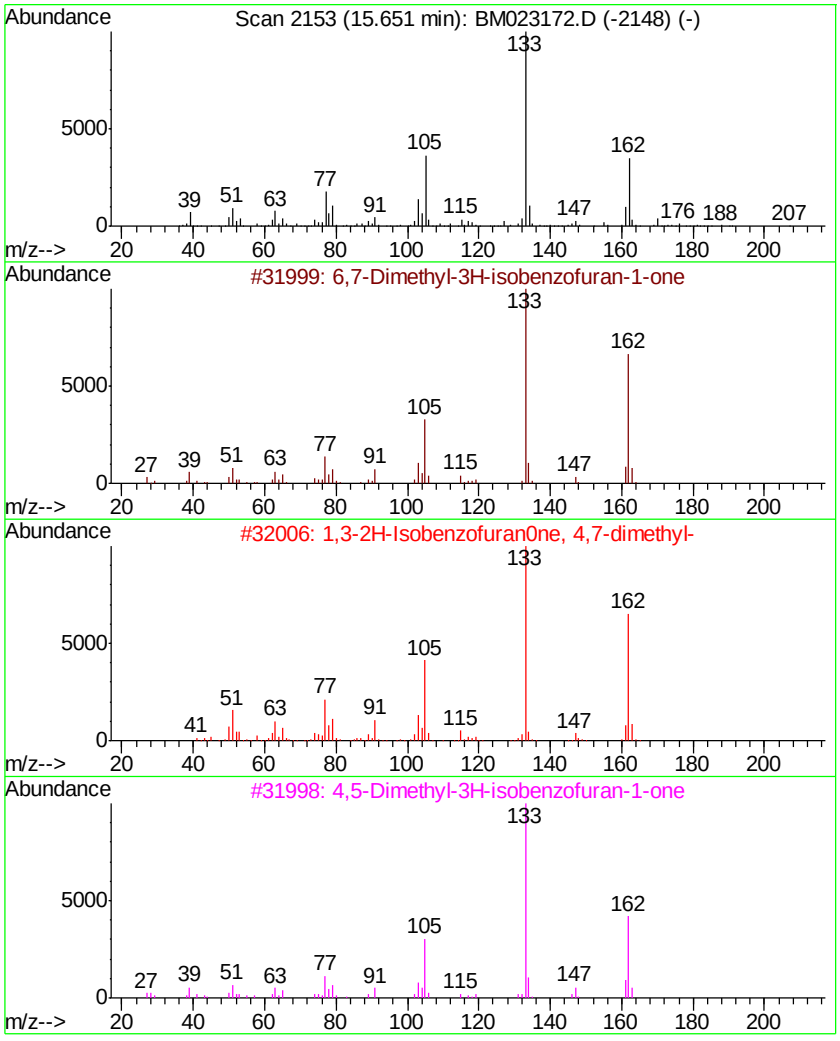
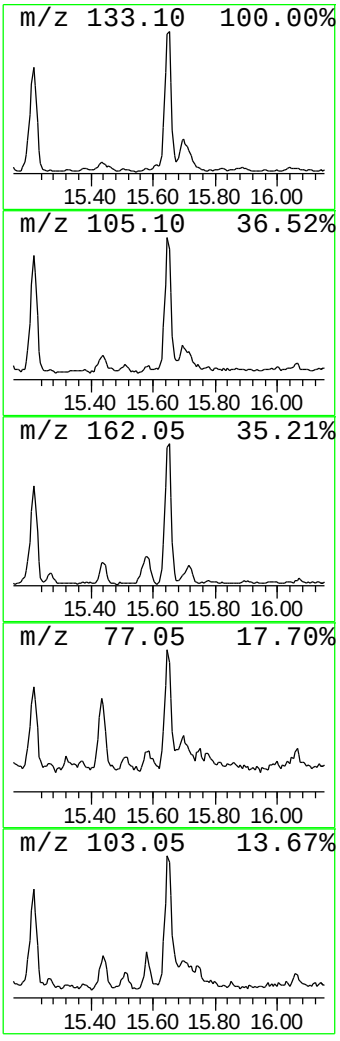
Peak Number 24 6,7-Dimethyl-3H-isobenzofur... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.82 ng/ul	816989	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	90
2	1,3-2H-Isobenzofuran0ne, 4,7-dim...	162	C10H10O2	054598-91-3	87
3	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	78
4	2,5-Pyrrolidinedione, 1-[(3,4-di...	247	C13H13NO4	1000306-84-7	59
5	1H-2-Benzopyran-1-carboxylic aci...	206	C12H14O3	1000362-46-9	59





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Quant Title : SVOA CALIBRATION

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

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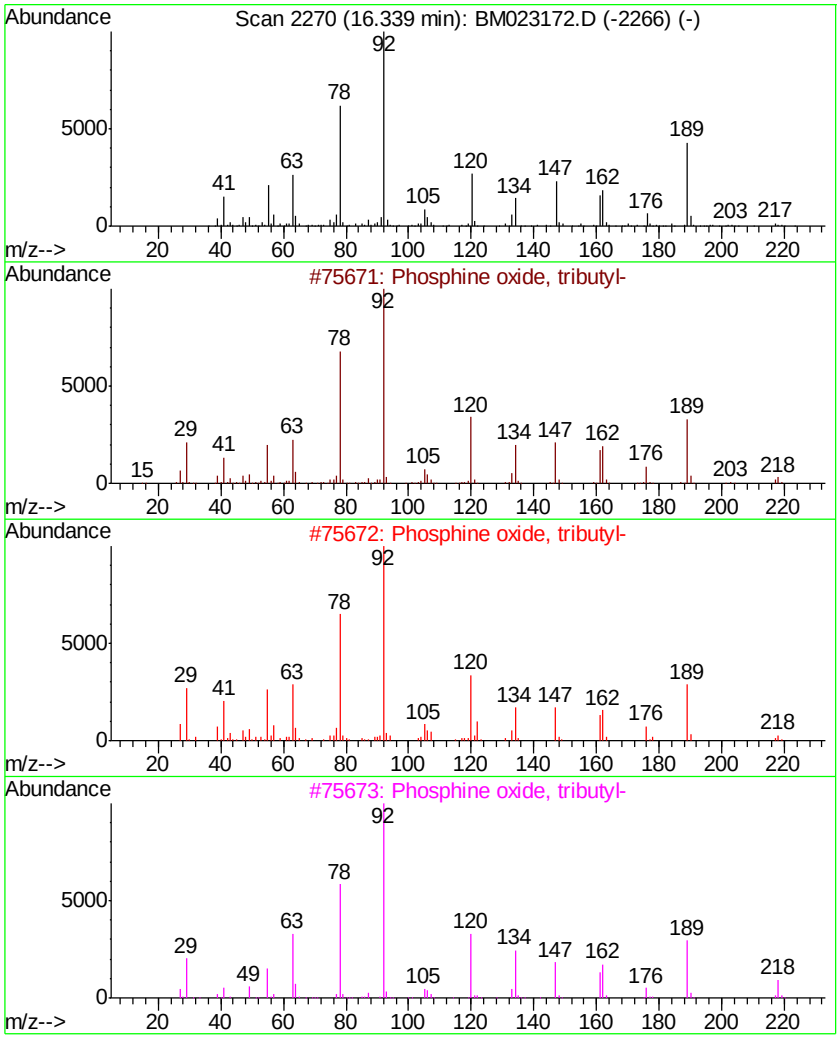
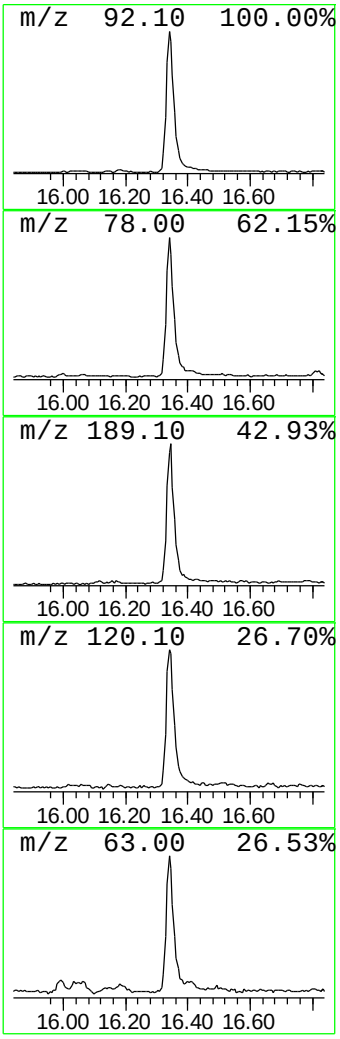
Peak Number 25 Phosphine oxide, tributyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.01 ng/ul	1255050	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine oxide, tributyl-	218	C12H27OP	000814-29-9	87
2	Phosphine oxide, tributyl-	218	C12H27OP	000814-29-9	80
3	Phosphine oxide, tributyl-	218	C12H27OP	000814-29-9	59
4	Silacyclobutane,1-chloro-1-methyl-	120	C4H9ClSi	002351-34-0	16
5	Benzene, (3-methylpentyl)-	162	C12H18	054410-69-4	14





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Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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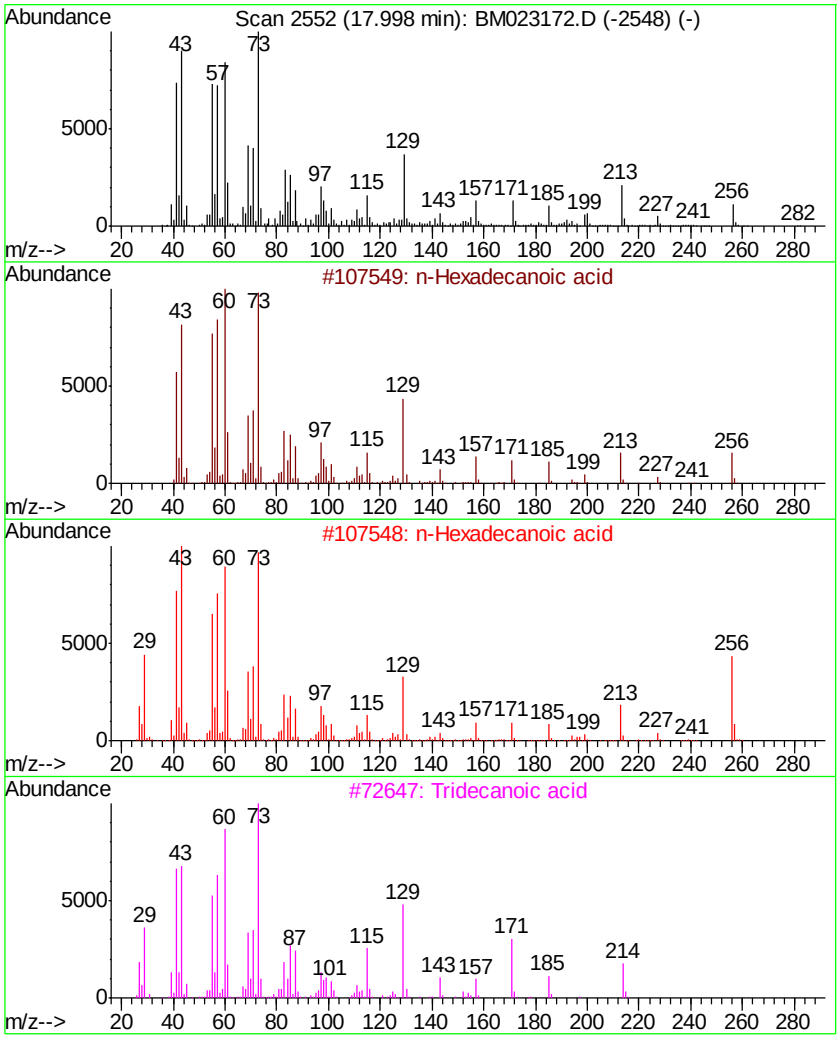
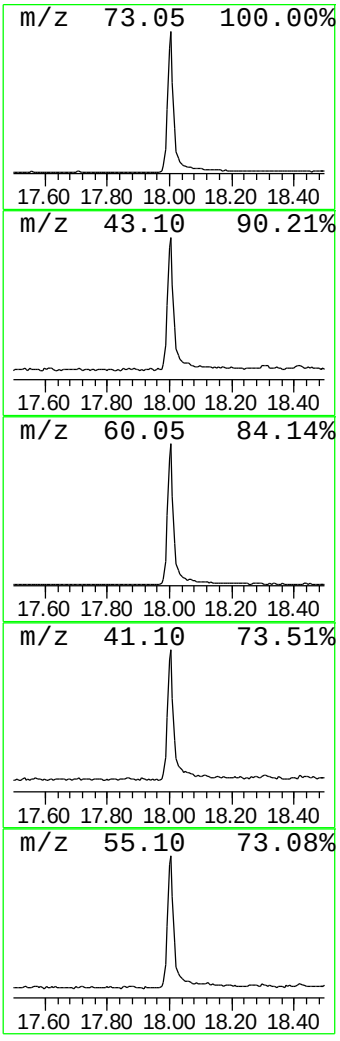
Peak Number 26 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	9.86 ng/ul	3086580	Phenanthrene-d10	17.07

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Operator : JU
Sample : K5028-15
Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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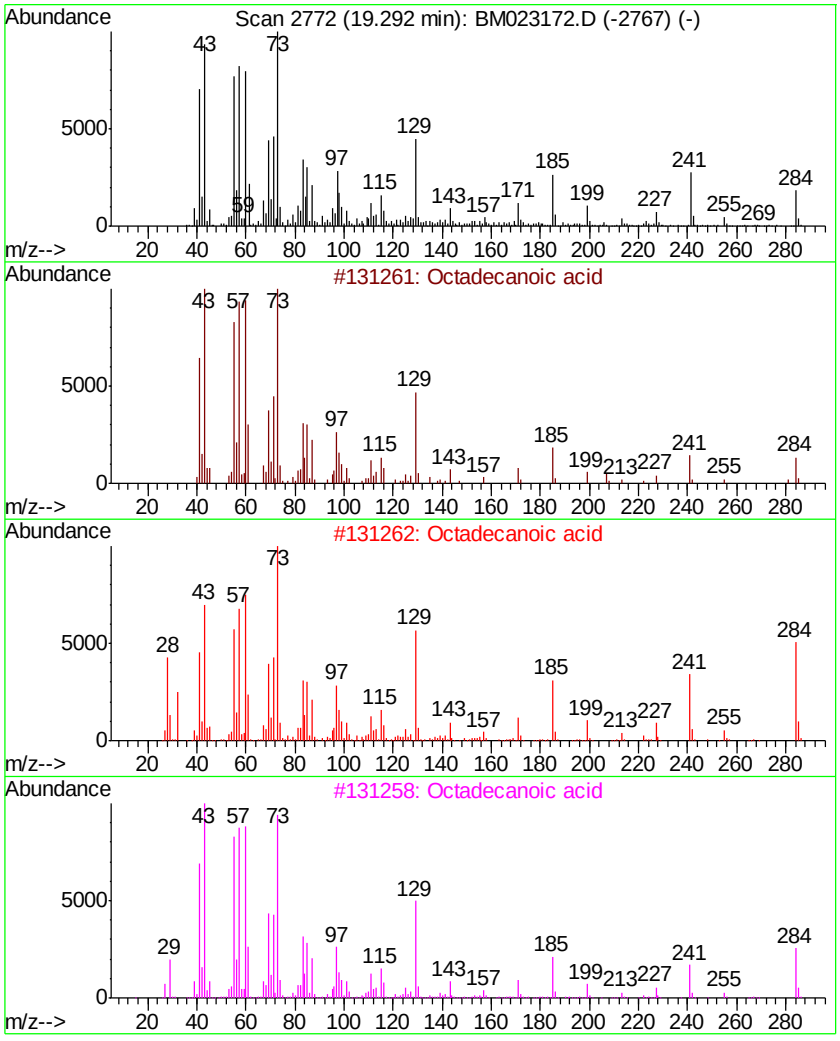
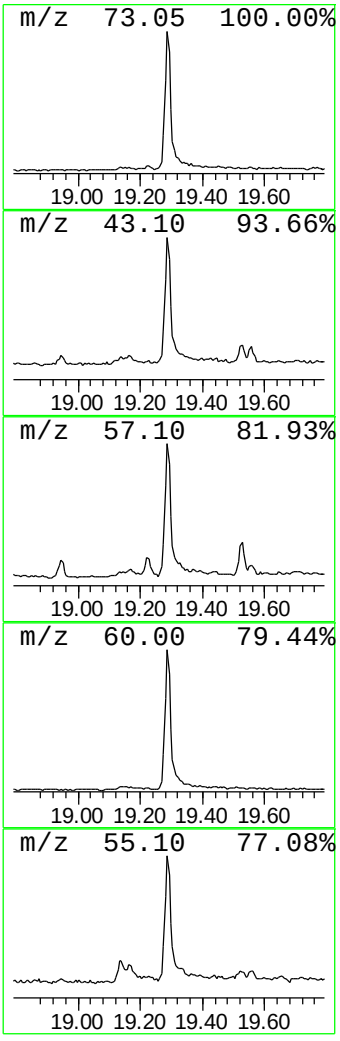
Peak Number 27 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	5.92 ng/ul	2113050	Chrysene-d12	21.26

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





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Acq On : 15 Oct 2019 18:34
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Sample : K5028-15
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

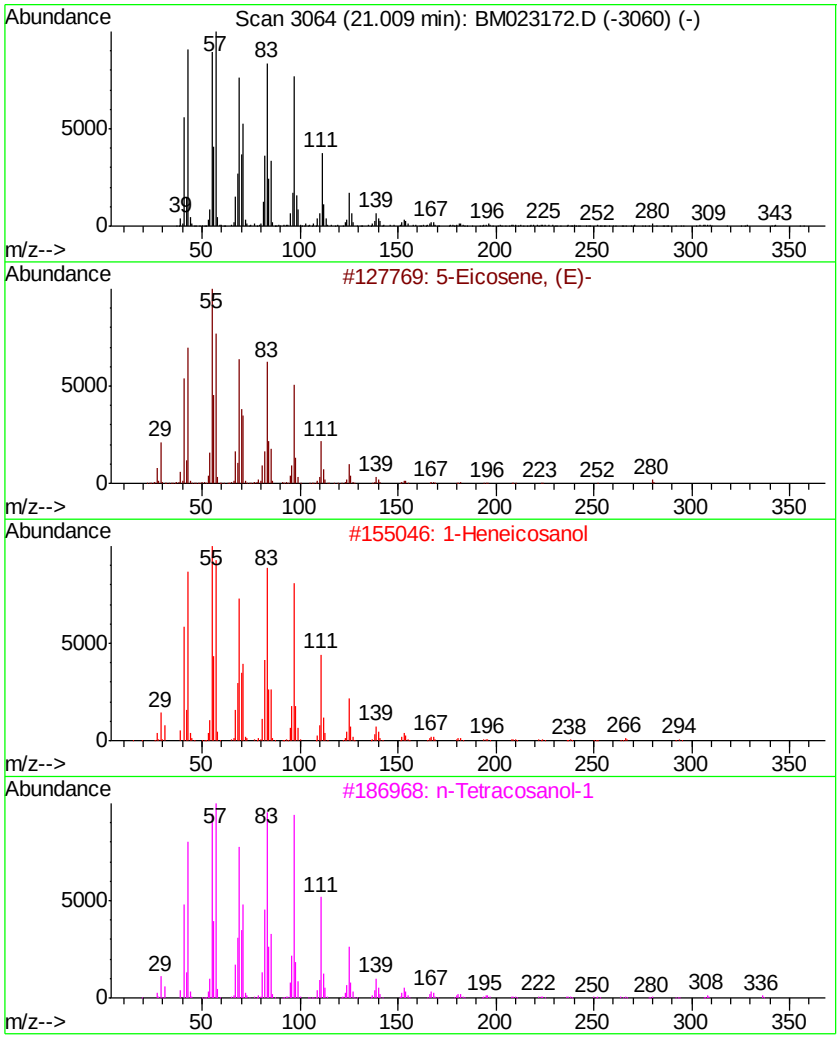
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

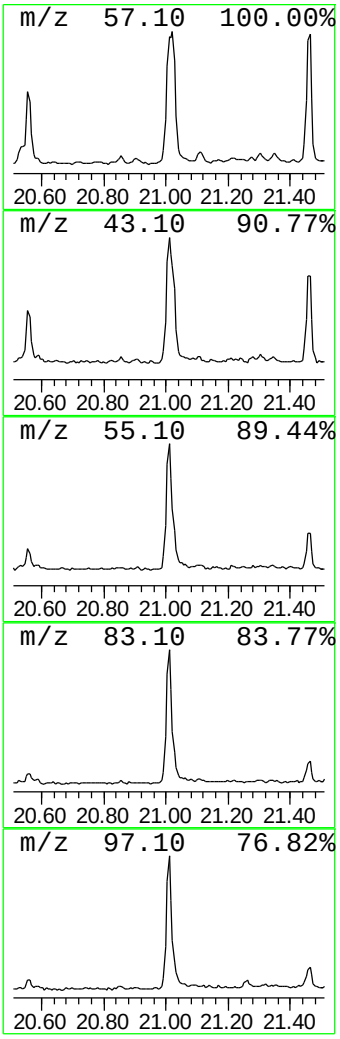
****

Peak Number 28 (DEL) Alkane: Cyclic21.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	5.77 ng/ul	2059500	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





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Acq On : 15 Oct 2019 18:34
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Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

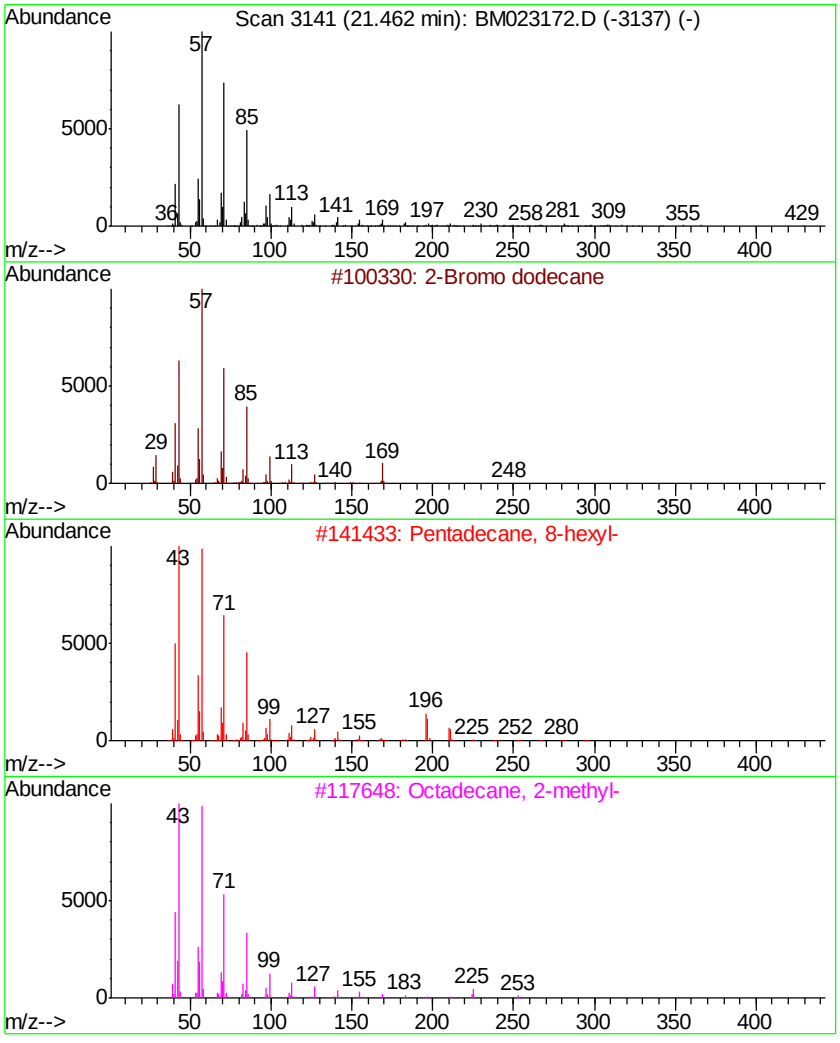
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

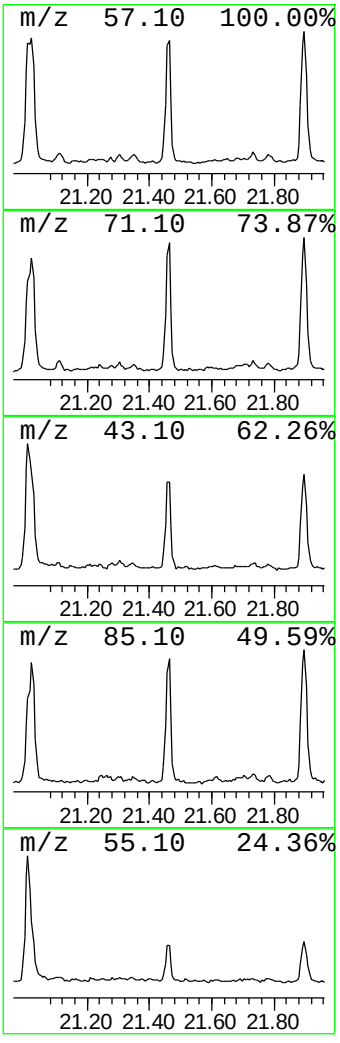
****

Peak Number 29 2-Bromo dodecane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.07 ng/ul	737904	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
4	Eicosane	282	C20H42	000112-95-8	93
5	Nonadecane	268	C19H40	000629-92-5	93





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ClientSampleId : BFDM9

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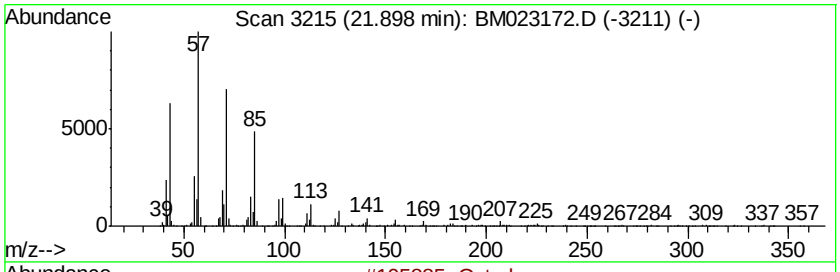
Quant Title : SVOA CALIBRATION

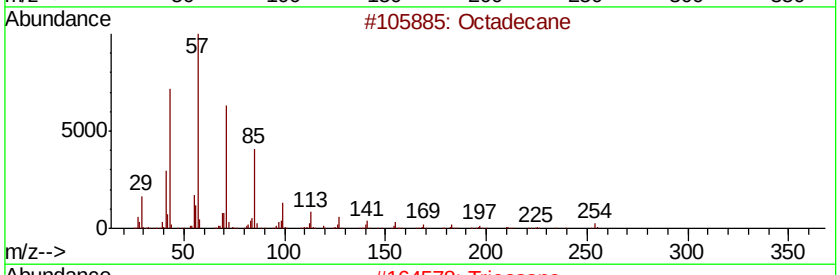
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

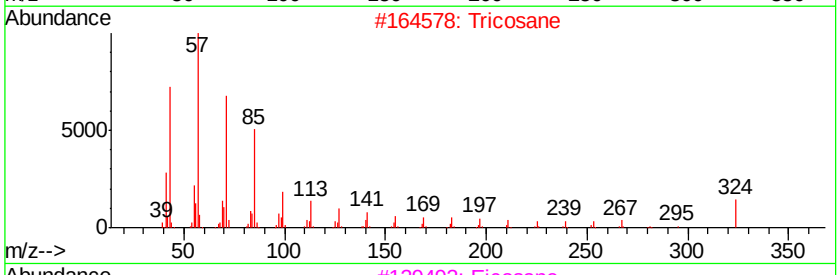
****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 20

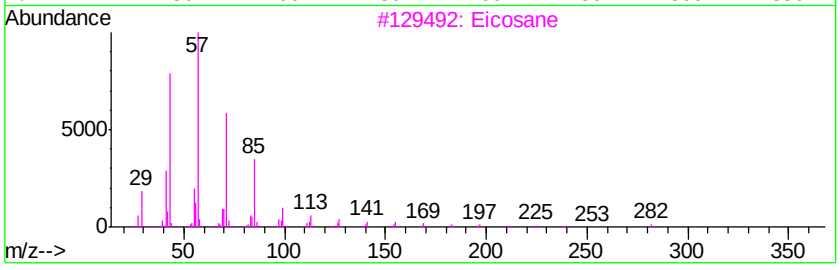
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	2.76 ng/ul	986486	Chrysene-d12	21.26

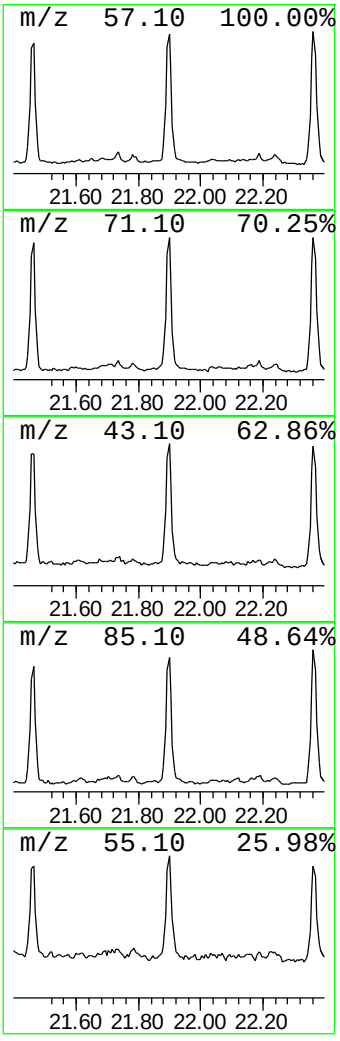
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tricosane	324	C23H48	000638-67-5	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91











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Operator : JU
Sample : K5028-15
Misc :
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Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

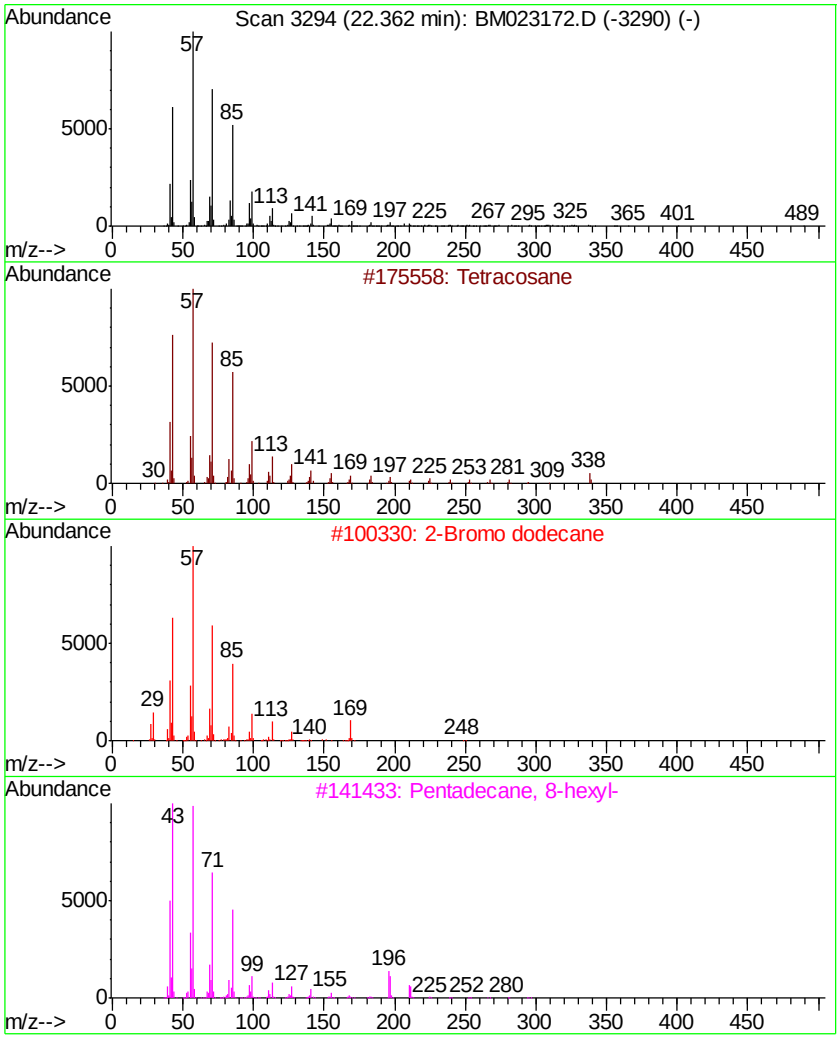
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

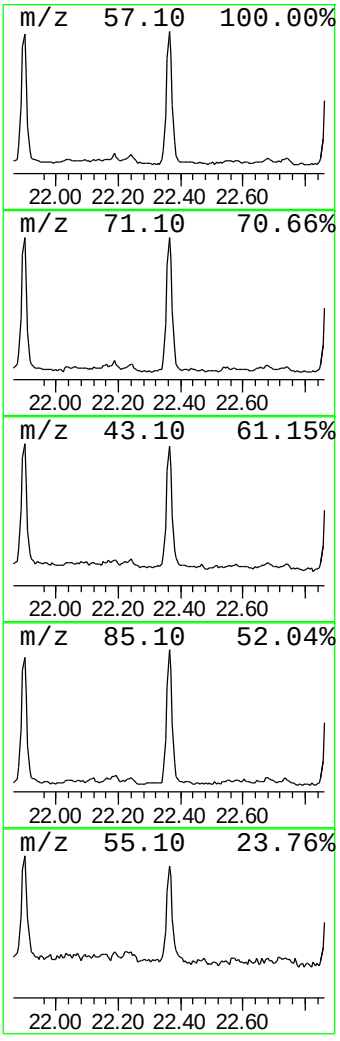
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.73 ng/ul	975733	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : JU
Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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Quant Title : SVOA CALIBRATION

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

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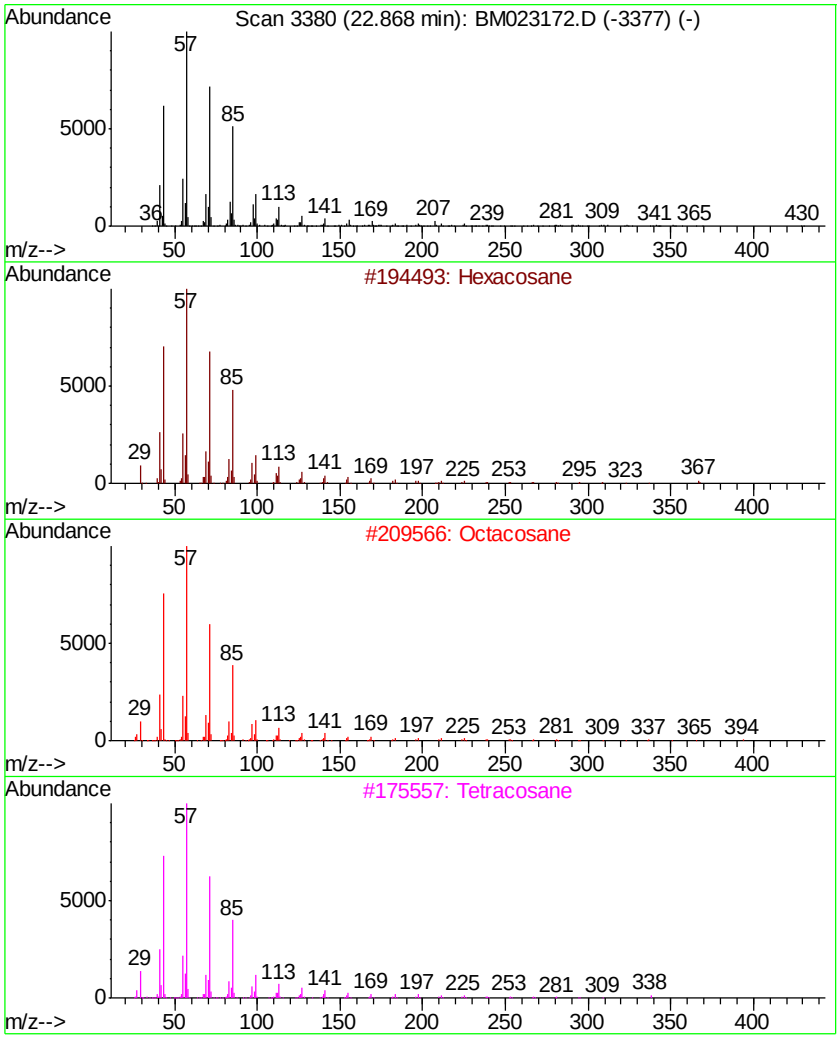
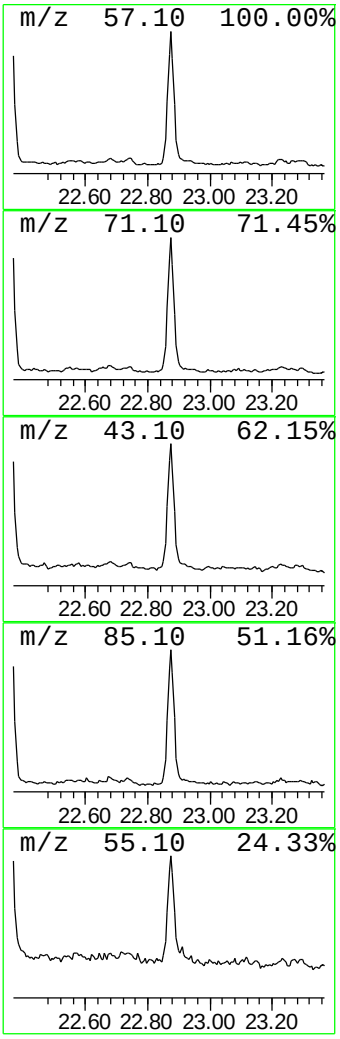
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.77 ng/ul	1065010	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : K5028-15
Misc :
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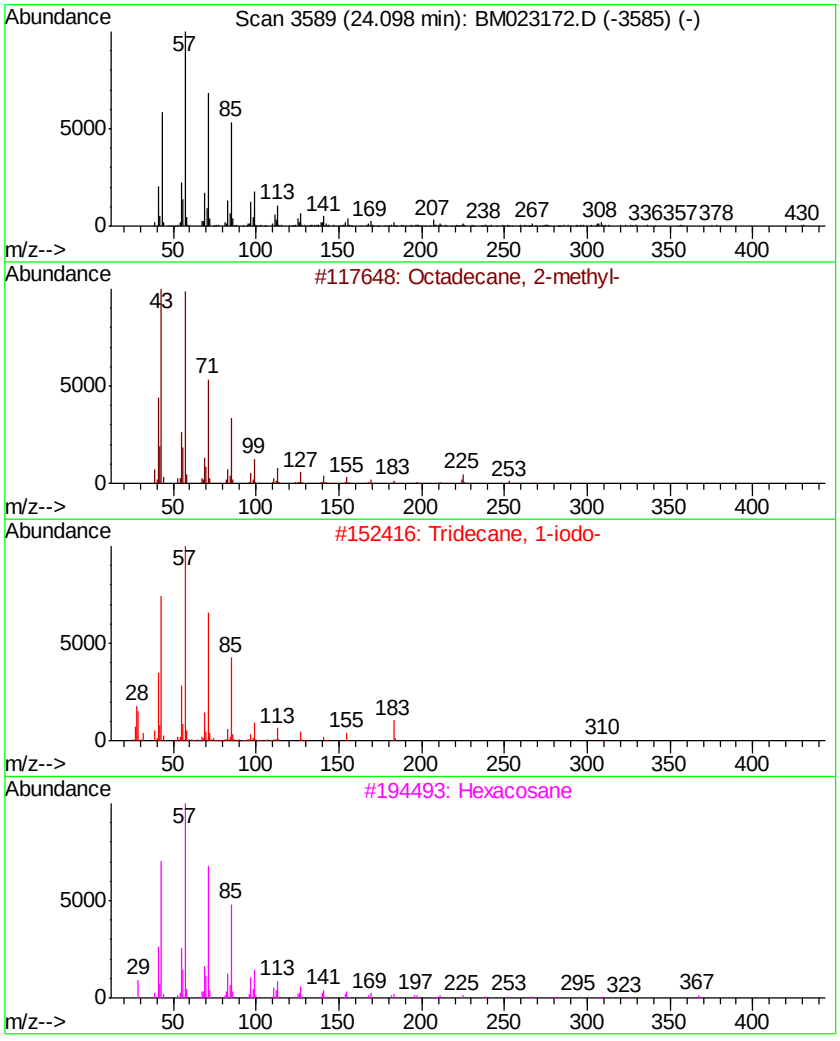
Quant Title : SVOA CALIBRATION

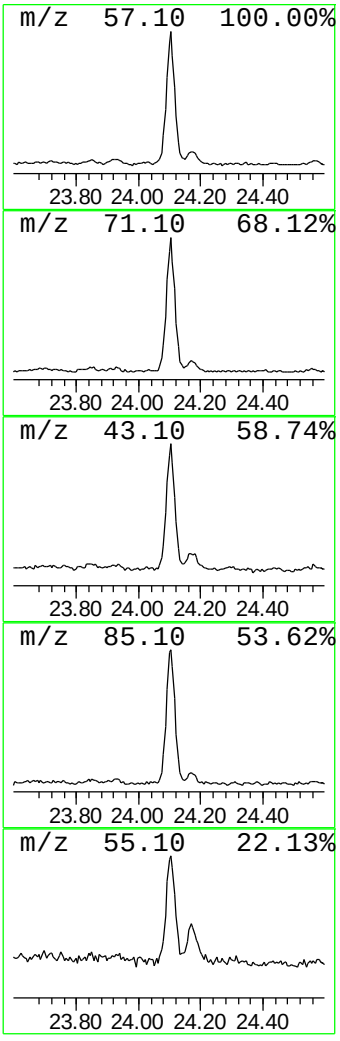
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.66 ng/ul	1024740	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023172.D
Acq On : 15 Oct 2019 18:34
Operator : JU
Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

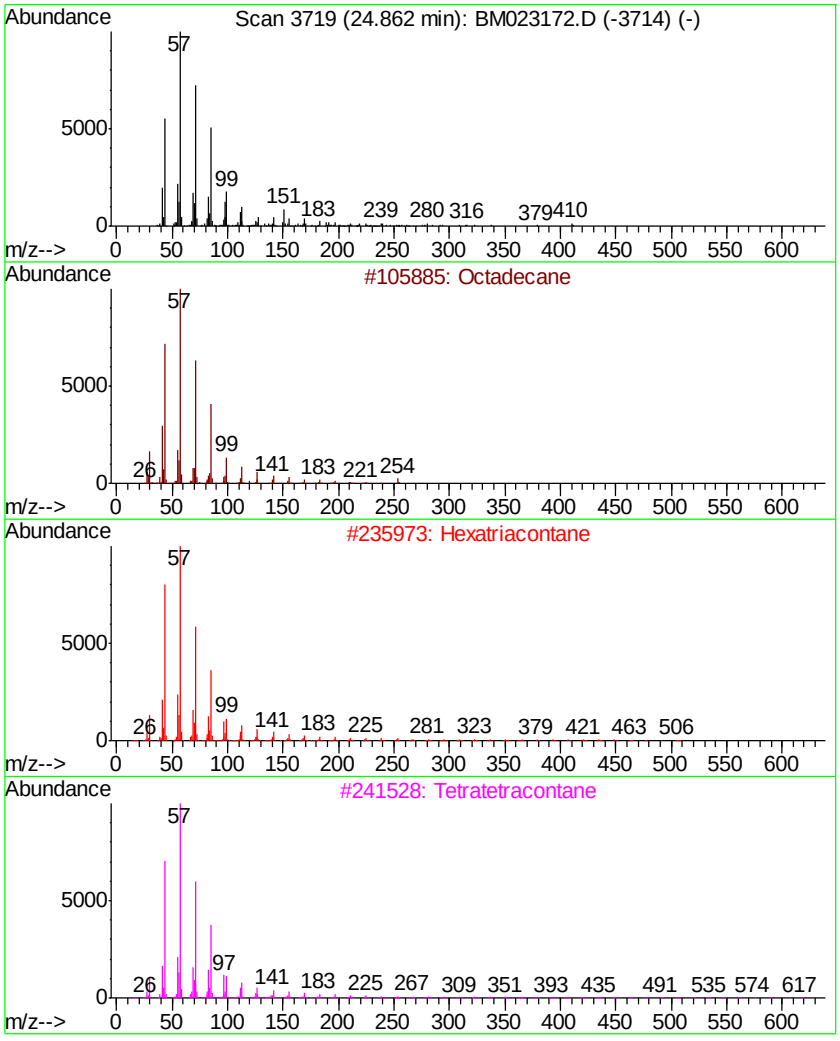
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

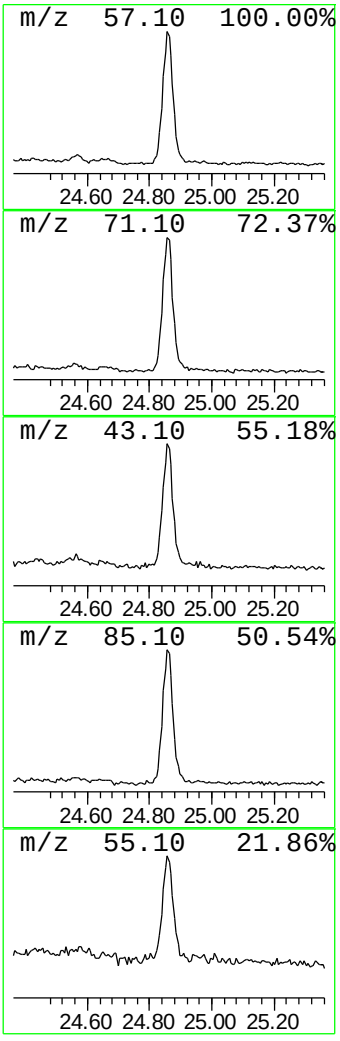
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.53 ng/ul	975264	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101519\
Data File : BM023172.D
Acq On : 15 Oct 2019 18:34
Operator : JU
Sample : K5028-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM9

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.66	4.3	ng/ul	552602	1	7.69	2565000	20.0
2-Pentanol, 4-met...	3.76	2.2	ng/ul	279147	1	7.69	2565000	20.0
Propanoic acid, 2...	4.19	8.7	ng/ul	1117810	1	7.69	2565000	20.0
Propanoic acid, p...	4.37	11.3	ng/ul	1454690	1	7.69	2565000	20.0
Butanoic acid, 1-...	4.82	15.2	ng/ul	1954630	1	7.69	2565000	20.0
Benzene, 1,3-dime...	5.38	2.8	ng/ul	361153	1	7.69	2565000	20.0
Butanoic acid, pr...	5.67	2.1	ng/ul	273825	1	7.69	2565000	20.0
Benzene, propyl-	6.69	2.5	ng/ul	315860	1	7.69	2565000	20.0
Benzene, 1,2,3-tr...	7.35	18.5	ng/ul	2369240	1	7.69	2565000	20.0
Indane	8.06	5.9	ng/ul	761786	1	7.69	2565000	20.0
Benzene, 1,2,4,5-...	9.37	2.3	ng/ul	441348	2	10.47	3778850	20.0
2,4-Dimethylstyrene	9.89	4.3	ng/ul	815406	2	10.47	3778850	20.0
Phenol, 3,5-dimet...	9.96	2.5	ng/ul	462937	2	10.47	3778850	20.0
Benzo[b]thiophene...	11.57	2.1	ng/ul	400934	2	10.47	3778850	20.0
Phenol, p-tert-bu...	11.82	2.5	ng/ul	475660	2	10.47	3778850	20.0
Naphthalene, 1-me...	12.36	4.1	ng/ul	767082	2	10.47	3778850	20.0
Phenol, 4-(1,1-di...	13.18	2.0	ng/ul	592824	3	14.33	5785060	20.0
1,3-2H-Isobenzofu...	15.22	2.3	ng/ul	671633	3	14.33	5785060	20.0
6,7-Dimethyl-3H-i...	15.65	2.8	ng/ul	816989	3	14.33	5785060	20.0
Phosphine oxide, ...	16.34	4.0	ng/ul	1255050	4	17.07	6259310	20.0
n-Hexadecanoic acid	18.00	9.9	ng/ul	3086580	4	17.07	6259310	20.0
Octadecanoic acid	19.29	5.9	ng/ul	2113050	5	21.26	7144180	20.0
(DEL) Alkane: Cyc...	21.01	5.8	ng/ul	2059500	5	21.26	7144180	20.0
2-Bromo dodecane	21.46	2.1	ng/ul	737904	5	21.26	7144180	20.0
(DEL) Alkane: Str...	21.90	2.8	ng/ul	986486	5	21.26	7144180	20.0
(DEL) Alkane: Str...	22.36	2.7	ng/ul	975733	5	21.26	7144180	20.0
(DEL) Alkane: Str...	22.87	2.8	ng/ul	1065010	6	23.48	7696790	20.0
(DEL) Alkane: Str...	24.10	2.7	ng/ul	1024740	6	23.48	7696790	20.0
(DEL) Alkane: Str...	24.86	2.5	ng/ul	975264	6	23.48	7696790	20.0