LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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	3.299	50	53	66	rVV	1374172	1721397	12.50%	0.986%
2	3.605	99	105	113	rBV	2202540	2716357	19.73%	1.555%
3	3.728	121	126	131	rBV	202496	257233	1.87%	0.147%
4	3.828	138	143	151	rVV	579124	785632	5.71%	0.450%
5	3.999	166	172	185	rVB	2392031	3397654	24.68%	1.946%
6	4.263	211	217	223	rVV	373912	479922	3.49%	0.275%
7	4.440	242	247	255	rBV	456827	604049	4.39%	0.346%
8	4.893	316	324	336	rVV	583839	867543	6.30%	0.497%
9	5.316	390	396	403	rVV	698705	1026581	7.46%	0.588%
10	5.446	412	418	427	rVV	1790122	3489147	25.34%	1.998%
11	5.816	473	481	495	rVV	1388992	2134321	15.50%	1.222%
12	6.781	638	645	650	rBV	187525	363268	2.64%	0.208%
13	6.887	658	663	668	rBV	658443	931081	6.76%	0.533%
14	6.951	668	674	676	rBV	366069	644361	4.68%	0.369%
15	6.993	676	681	692	rVB	2706035	4831369	35.09%	2.767%
16	7.128	699	704	709	rBV	565586	871310	6.33%	0.499%
17	7.187	709	714	721	rBV	324271	550122	4.00%	0.315%
18	7.251	721	725	732	rVB2	875608	1296208	9.42%	0.742%
19	7.328	732	738	743	rBV2	804049	1349902	9.81%	0.773%
20	7.446	750	758	767	rVB	1562851	2450380	17.80%	1.403%
21	7.793	809	817	822	rBV2	721525	1399759	10.17%	0.802%
22	7.863	823	829	833	rVV	1519842	2775743	20.16%	1.589%
23	7.904	833	836	840	rVV2	867190	1642482	11.93%	0.941%
24	7.957	840	845	856	rVB4	850663	2173379	15.79%	1.245%
25	8.098	862	869	872	rBV3	246196	473063	3.44%	0.271%
26	8.145	872	877	879	rBV	346713	547204	3.97%	0.313%
27	8.240	886	893	899	rBV	3381958	5251062	38.14%	3.007%
28	8.340	905	910	915	rVB2	124545	221882	1.61%	0.127%
29	8.434	915	926	931	rBV	244079	419036	3.04%	0.240%
30	8.498	931	937	942	rBV	520293	954482	6.93%	0.547%
31	8.575	942	950	957	rVB	7235426	13767386	100.00%	7.884%
32	8.745	974	979	984	rVV2	149600	266521	1.94%	0.153%
33	8.898	1000	1005	1008	rBV	205454	301507	2.19%	0.173%
34	8.945	1008	1013	1022	rVB2	661189	1165182	8.46%	0.667%

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Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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	9.022	1023	1026	1035	rVB5	117945	259216	1.88%	0.148%
36	9.151	1035	1048	1052	rBV	375590	1084652	7.88%	0.621%
37	9.210	1052	1058	1063	rBV	1175795	2160387	15.69%	1.237%
38	9.263	1063	1067	1080	rVB2	574336	978498	7.11%	0.560%
39	9.392	1080	1089	1092	rBV3	383656	860679	6.25%	0.493%
40	9.451	1092	1099	1102	rBV2	251766	400963	2.91%	0.230%
41	9.557	1109	1117	1123	rBV	1631962	2481068	18.02%	1.421%
42	9.669	1129	1136	1145	rBV	547782	994546	7.22%	0.570%
43	9.769	1145	1153	1156	rBV	6329463	11439576	83.09%	6.551%
44	9.804	1156	1159	1164	rVB	4489200	6160555	44.75%	3.528%
45	10.039	1185	1199	1202	rVV	3438529	8632669	62.70%	4.943%
46	10.081	1202	1206	1212	rVV	4594193	7096564	51.55%	4.064%
47	10.222	1221	1230	1238	rVB2	2713712	5565963	40.43%	3.187%
48	10.298	1238	1243	1248	rBV	241836	431071	3.13%	0.247%
49	10.410	1258	1262	1265	rBV	149256	228843	1.66%	0.131%
50	10.457	1265	1270	1275	rVV	1971483	3245277	23.57%	1.858%
51	10.504	1275	1278	1285	rVB2	494990	773242	5.62%	0.443%
52	10.581	1285	1291	1295	rBV	948715	1623543	11.79%	0.930%
53	10.634	1295	1300	1307	rVB	1939968	3272903	23.77%	1.874%
54	10.728	1307	1316	1326	rBV3	903302	1972048	14.32%	1.129%
55	10.857	1333	1338	1344	rVB	407463	620649	4.51%	0.355%
56	10.945	1345	1353	1362	rBV	945285	1938249	14.08%	1.110%
57	11.034	1362	1368	1376	rVB	437262	749466	5.44%	0.429%
58	11.122	1376	1383	1388	rBV	1362307	2222981	16.15%	1.273%
59	11.169	1388	1391	1393	rVV	384374	554612	4.03%	0.318%
60	11.198	1393	1396	1401	rVV	760994	1159062	8.42%	0.664%
61	11.416	1420	1433	1437	rBV2	1691571	3186666	23.15%	1.825%
62	11.457	1437	1440	1444	rVB2	218123	302835	2.20%	0.173%
63	11.610	1460	1466	1470	rBV	1045476	1697328	12.33%	0.972%
64	11.663	1470	1475	1479	rBV	991909	1594440	11.58%	0.913%
65	11.928	1510	1520	1525	rBV	431266	951613	6.91%	0.545%
66	12.098	1543	1549	1552	rBV	272026	440845	3.20%	0.252%
67	12.151	1555	1558	1561	rVV2	160554	273727	1.99%	0.157%
68	12.245	1568	1574	1578	rVV	895169	1427650	10.37%	0.818%
69	12.286	1578	1581	1585	rVV2	250590	397459	2.89%	0.228%
70	12.463	1603	1611	1617	rVB2	665029	1289993	9.37%	0.739%
71	12.633	1634	1640	1644	rBV3	269399	533517	3.88%	0.306%

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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

72	12.845	1669	1676	1681	rBV5	238388	494425	3.59%	0.283%
73	12.933	1684	1691	1699	rVB6	183849	519291	3.77%	0.297%
74	13.004	1699	1703	1713	rVB3	118543	226927	1.65%	0.130%
75	13.275	1744	1749	1757	rVB	418673	728310	5.29%	0.417%
76	13.480	1776	1784	1791	rVB5	126649	351257	2.55%	0.201%
77	13.604	1793	1805	1813	rBV8	171947	694613	5.05%	0.398%
78	13.751	1825	1830	1834	rVV3	136031	235163	1.71%	0.135%
79	13.839	1840	1845	1849	rVV	1291939	1828941	13.28%	1.047%
80	13.886	1849	1853	1858	rVB	1374339	1766054	12.83%	1.011%
81	13.980	1864	1869	1873	rBV3	154434	268064	1.95%	0.154%
82	14.122	1887	1893	1898	rBV	1664269	2555514	18.56%	1.463%
83	14.316	1923	1926	1935	rVB2	120473	261857	1.90%	0.150%
84	14.427	1935	1945	1952	rBV	1254015	2200304	15.98%	1.260%
85	14.486	1953	1955	1961	rVB3	168660	229491	1.67%	0.131%
86	14.639	1977	1981	1985	rVV2	139603	228455	1.66%	0.131%
87	14.704	1986	1992	1999	rVB4	188489	389745	2.83%	0.223%
88	15.421	2108	2114	2119	rBV	1974972	2852668	20.72%	1.634%
89	15.533	2128	2133	2140	rVB	544959	798943	5.80%	0.458%
90	15.621	2141	2148	2152	rBV2	210740	448616	3.26%	0.257%
91	17.163	2405	2410	2415	rBV2	1162203	1728030	12.55%	0.990%
92	17.263	2422	2427	2440	rVB	1920114	2782014	20.21%	1.593%
93	18.068	2559	2564	2571	rBV	344058	477158	3.47%	0.273%
94	19.345	2778	2781	2789	rVB2	149755	231519	1.68%	0.133%
95	19.556	2811	2817	2822	rBV	2175582	3081284	22.38%	1.764%
96	19.604	2822	2825	2834	rVB2	149545	285097	2.07%	0.163%
97	21.062	3069	3073	3079	rBV	423061	524167	3.81%	0.300%
98	21.345	3117	3121	3126	rBV	1492399	1769895	12.86%	1.014%
99	23.462	3475	3481	3494	rVB	1689242	3476975	25.26%	1.991%
100	23.603	3499	3505	3515	rVB	1094359	2065627	15.00%	1.183%

Sum of corrected areas: 174630284

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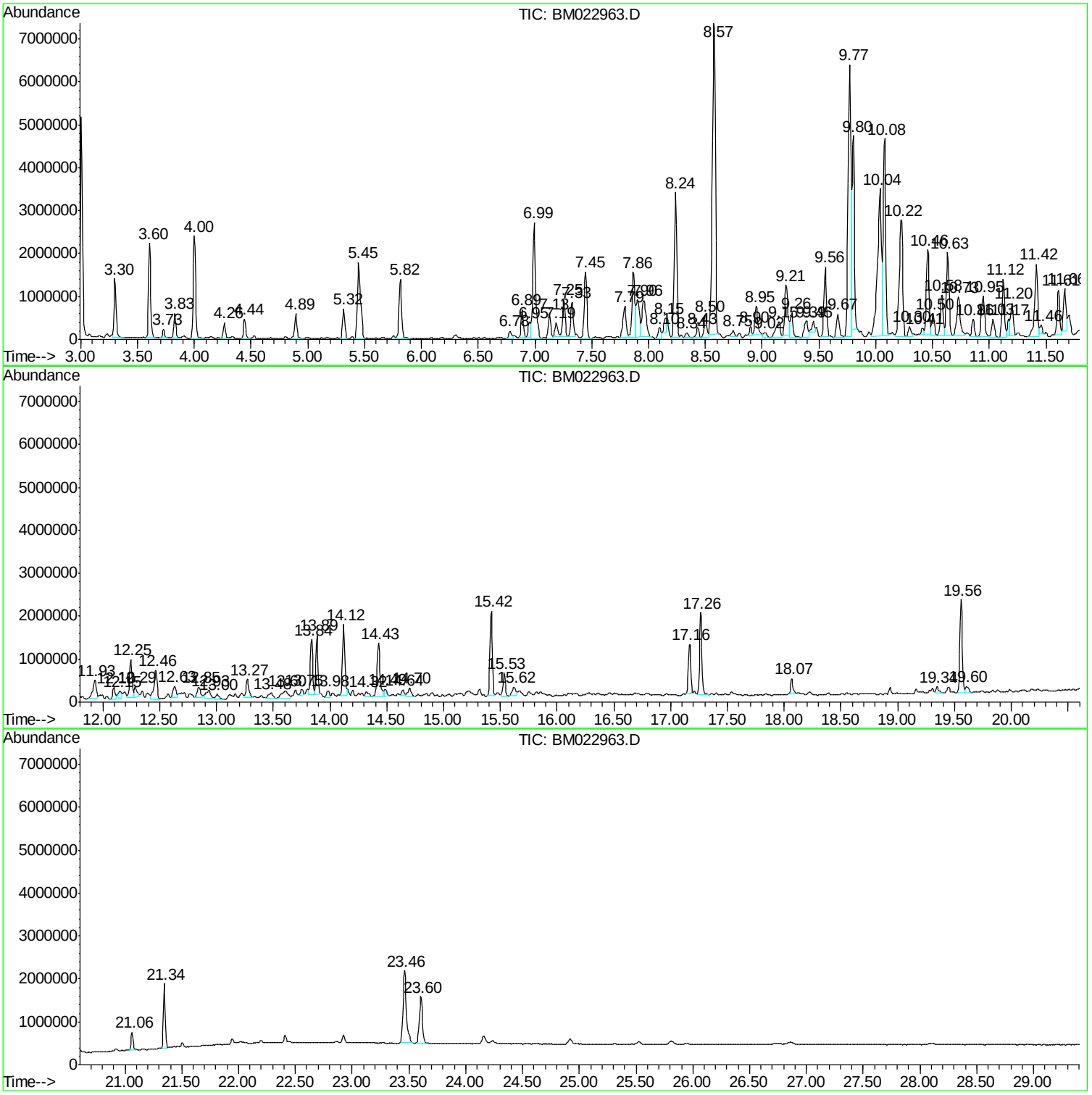
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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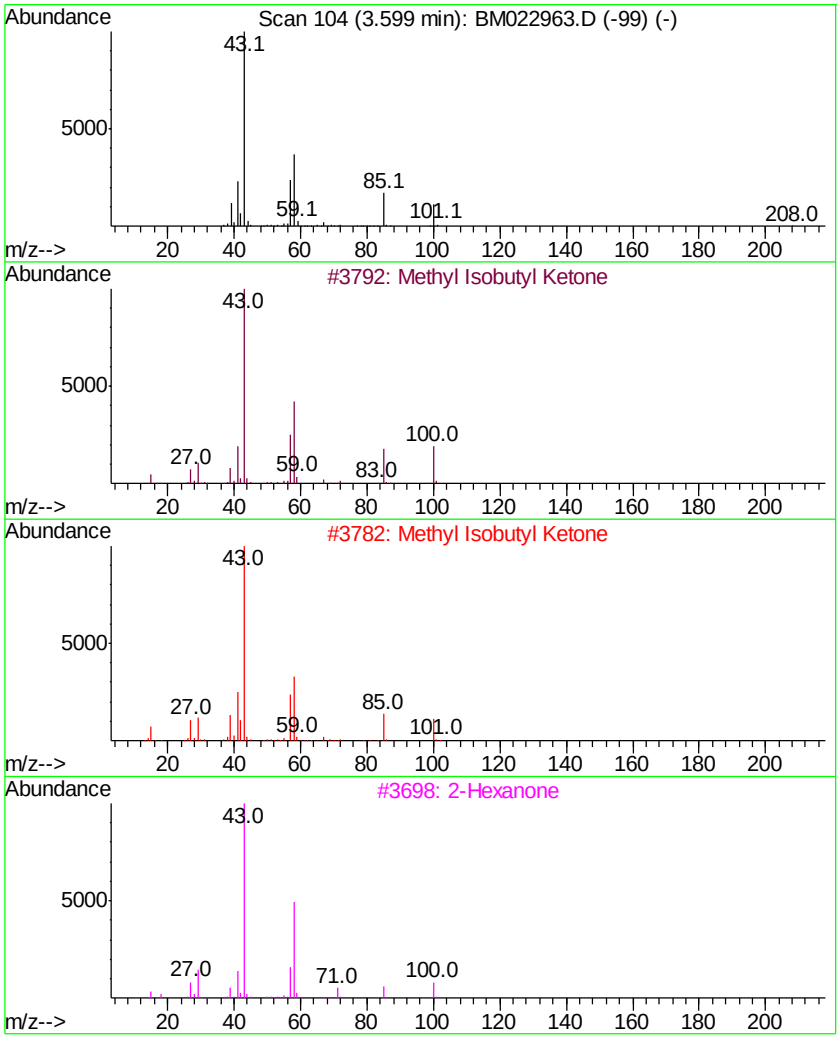
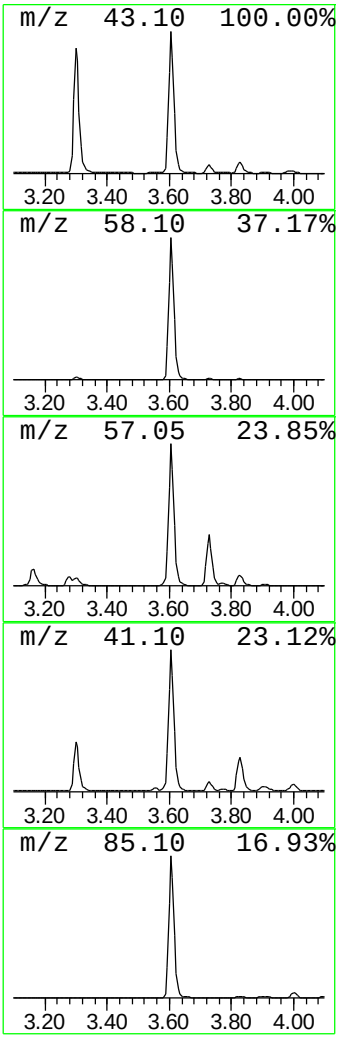
Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	38.81 ng/ul	2716360	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	2-Hexanone	100	C6H12O	000591-78-6	78
5	2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	50





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Instrument : BNA_M
ClientSampleId : BFDJ8

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

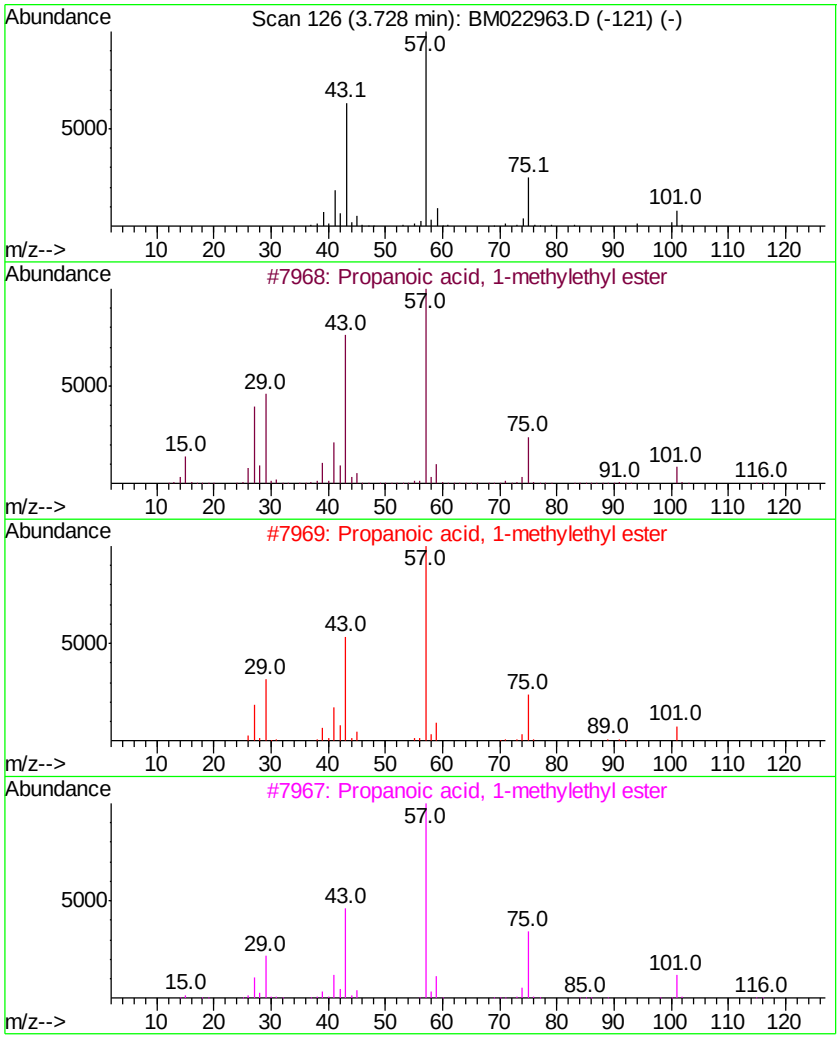
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

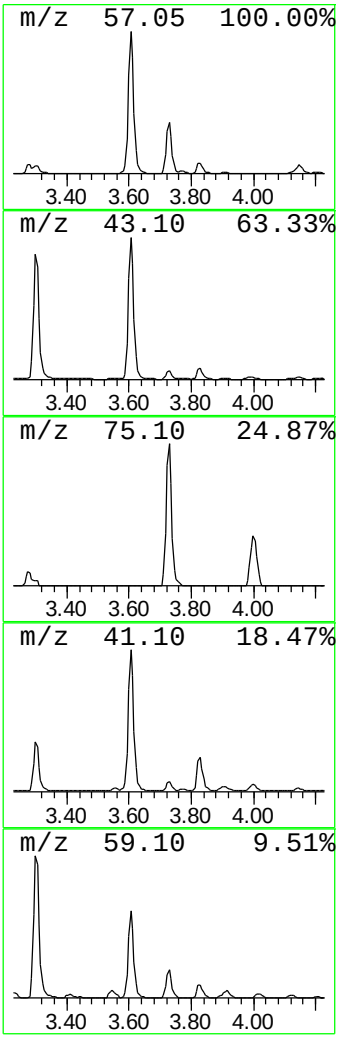
****

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.68 ng/ul	257233	1,4-Dichlorobenzene-d4	7.79

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	50
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	38
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	36





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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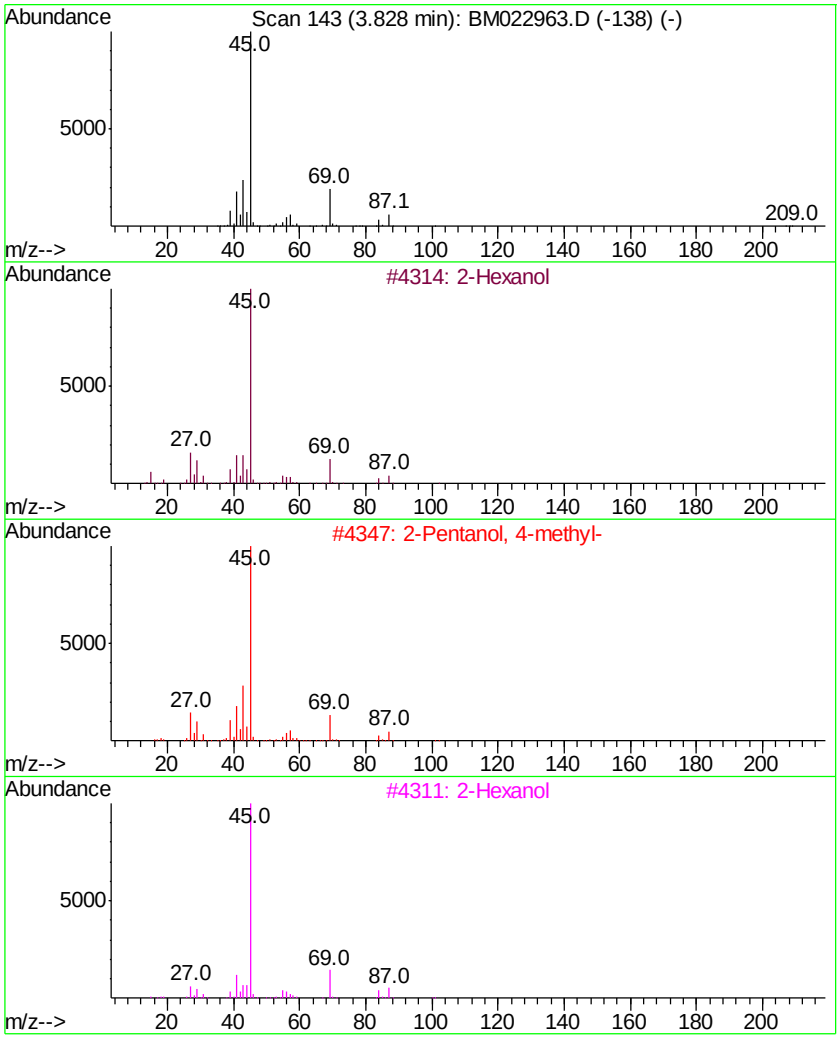
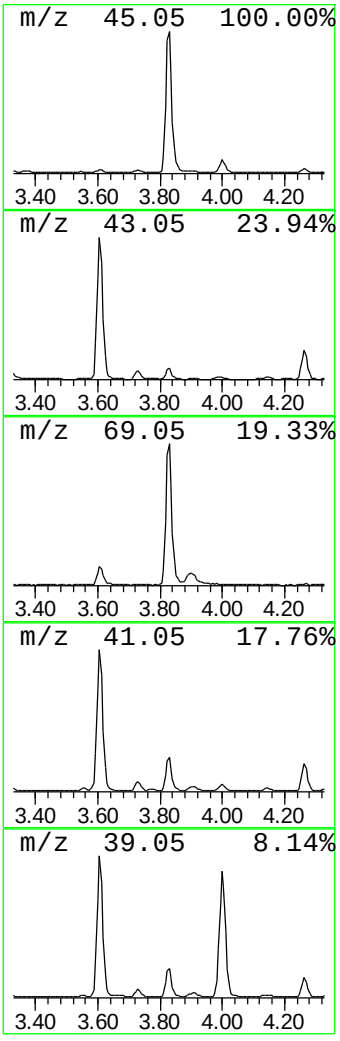
****

Peak Number 3 2-Hexanol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	11.23 ng/ul	785632	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol	102	C6H14O	000626-93-7	78
4	2-Hexanol	102	C6H14O	000626-93-7	64
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40





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Instrument : BNA_M
ClientSampleId : BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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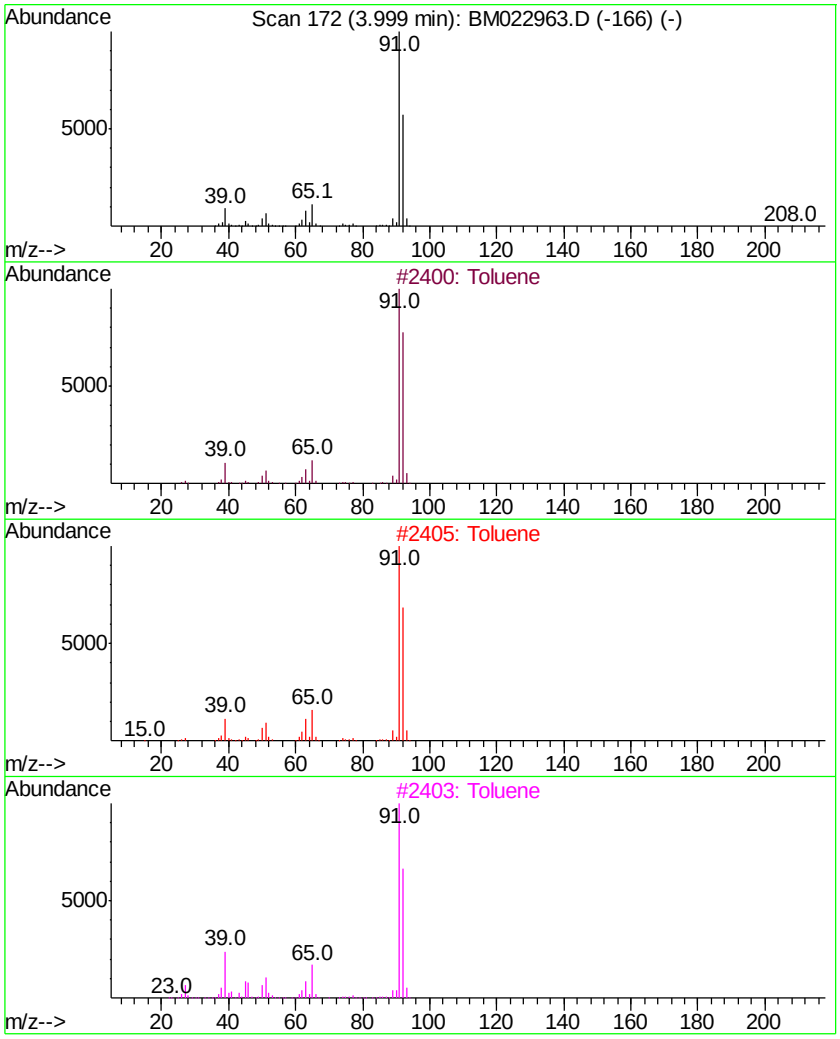
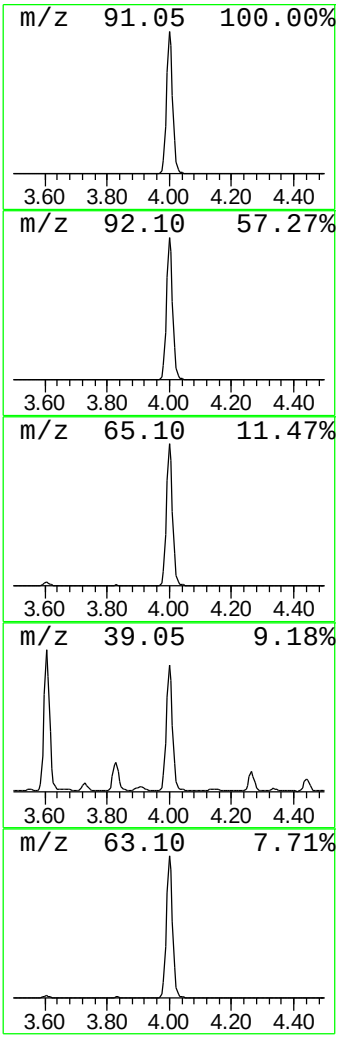
Peak Number 4 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	48.55 ng/ul	3397650	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





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Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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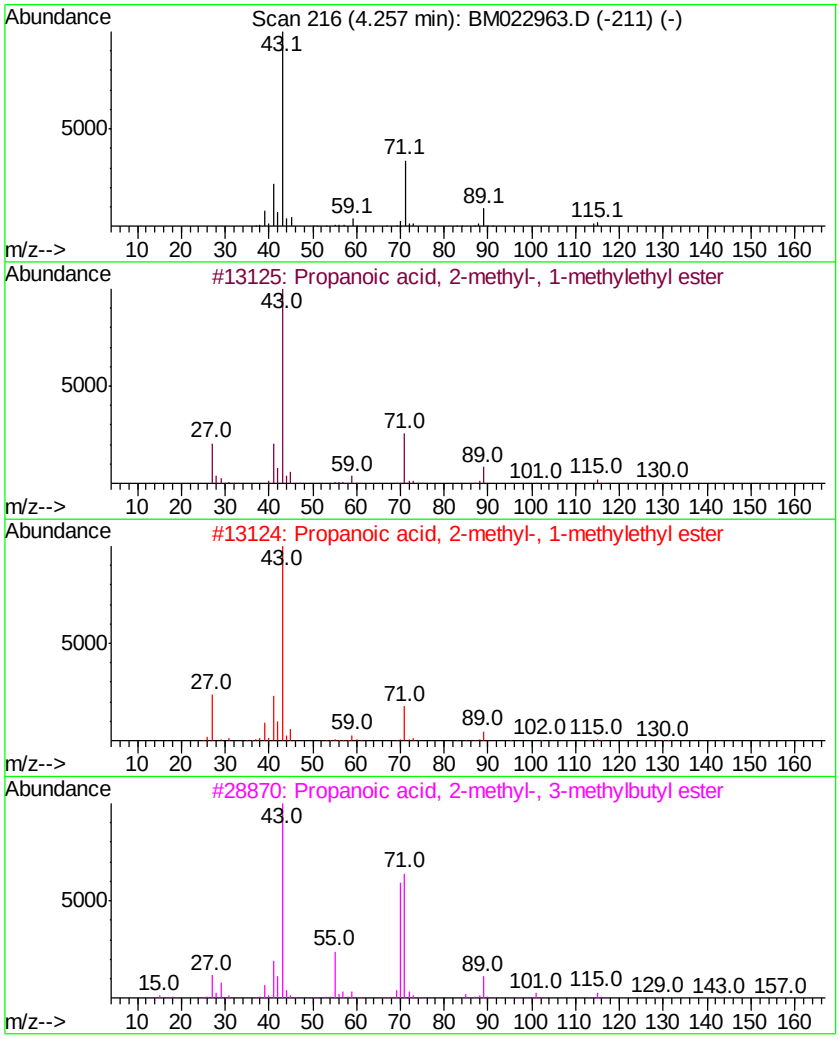
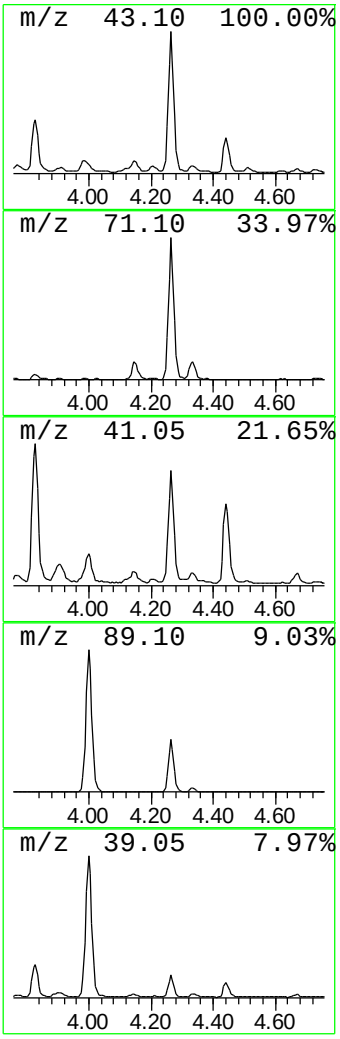
Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	6.86 ng/ul	479922	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
3	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	42
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	38





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Operator : JU
Sample : K4932-10
Misc :
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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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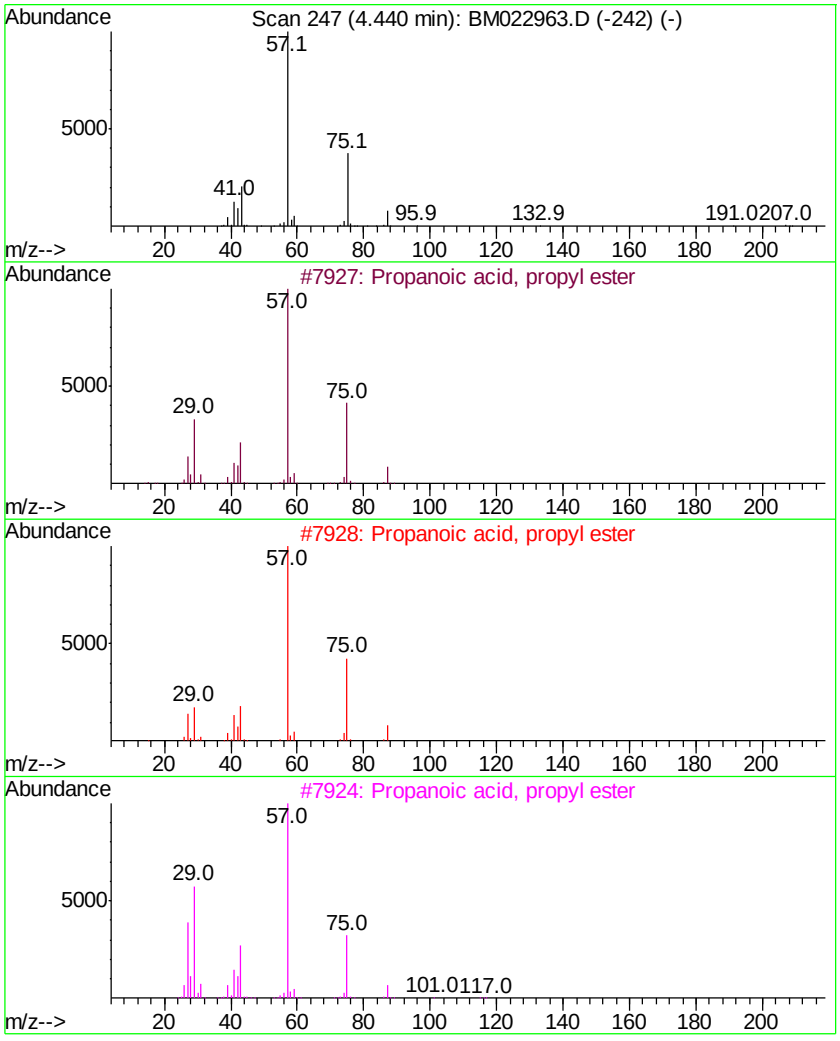
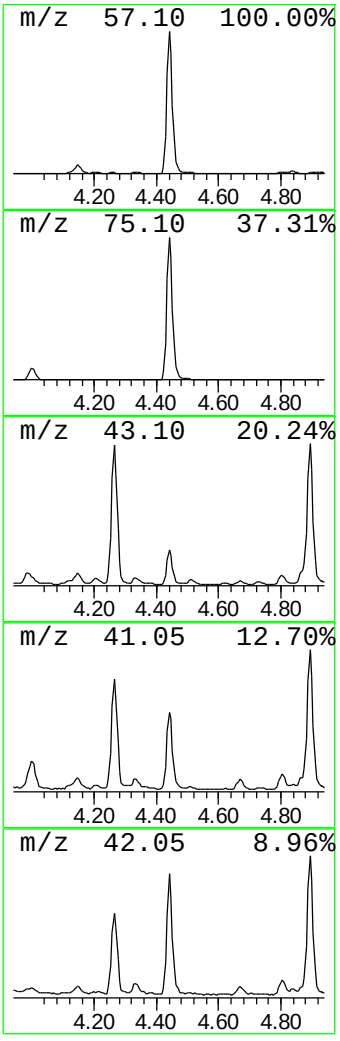
Peak Number 6 Propanoic acid, propyl ester Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	8.63 ng/ul	604049	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	38





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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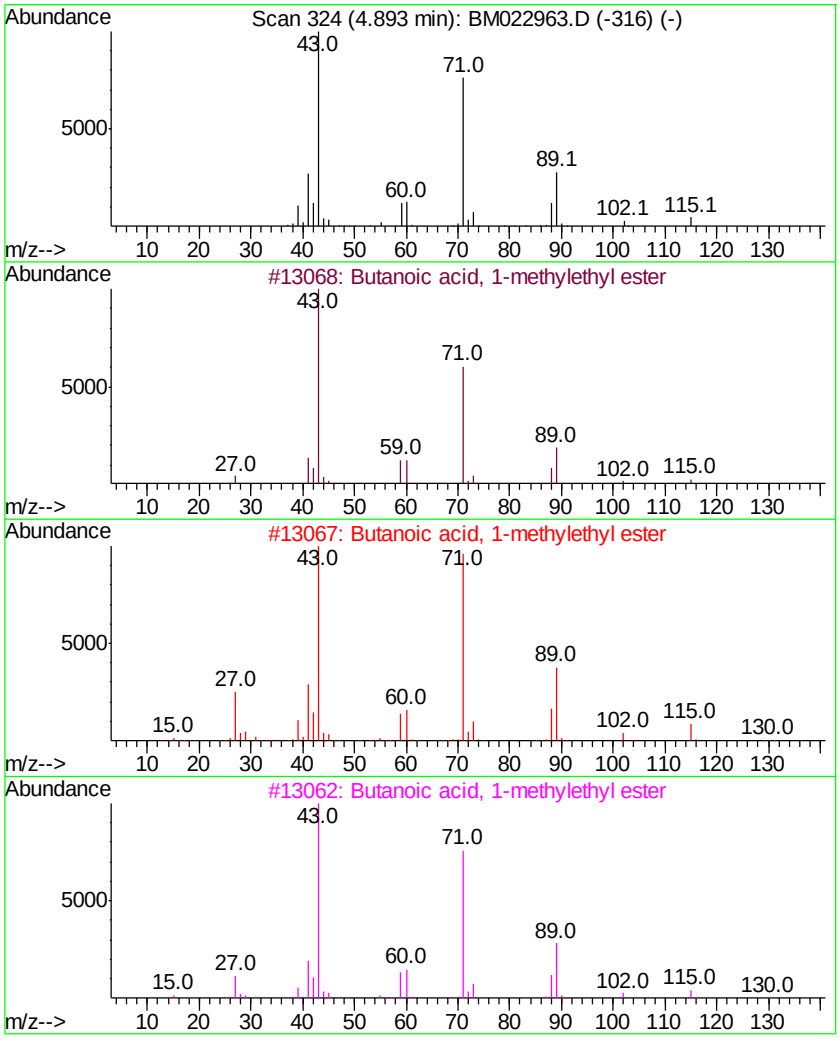
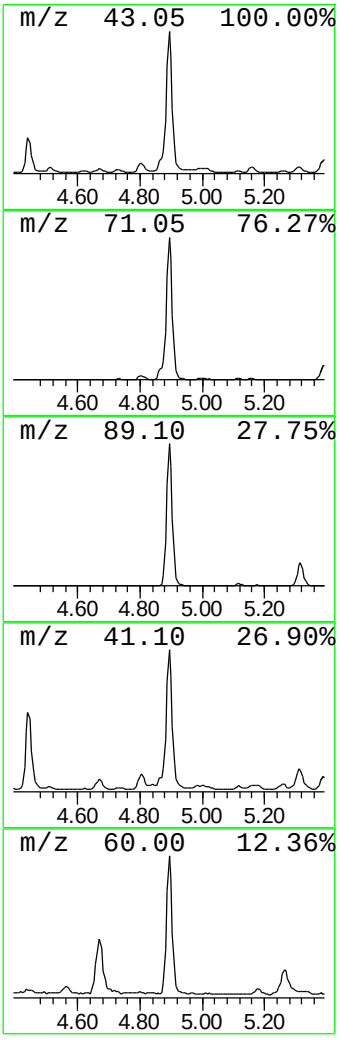
Peak Number 7 Butanoic acid, 1-methylethy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	12.40 ng/ul	867543	1,4-Dichlorobenzene-d4	7.79

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, propyl ester	130	C7H14O2	000105-66-8	64
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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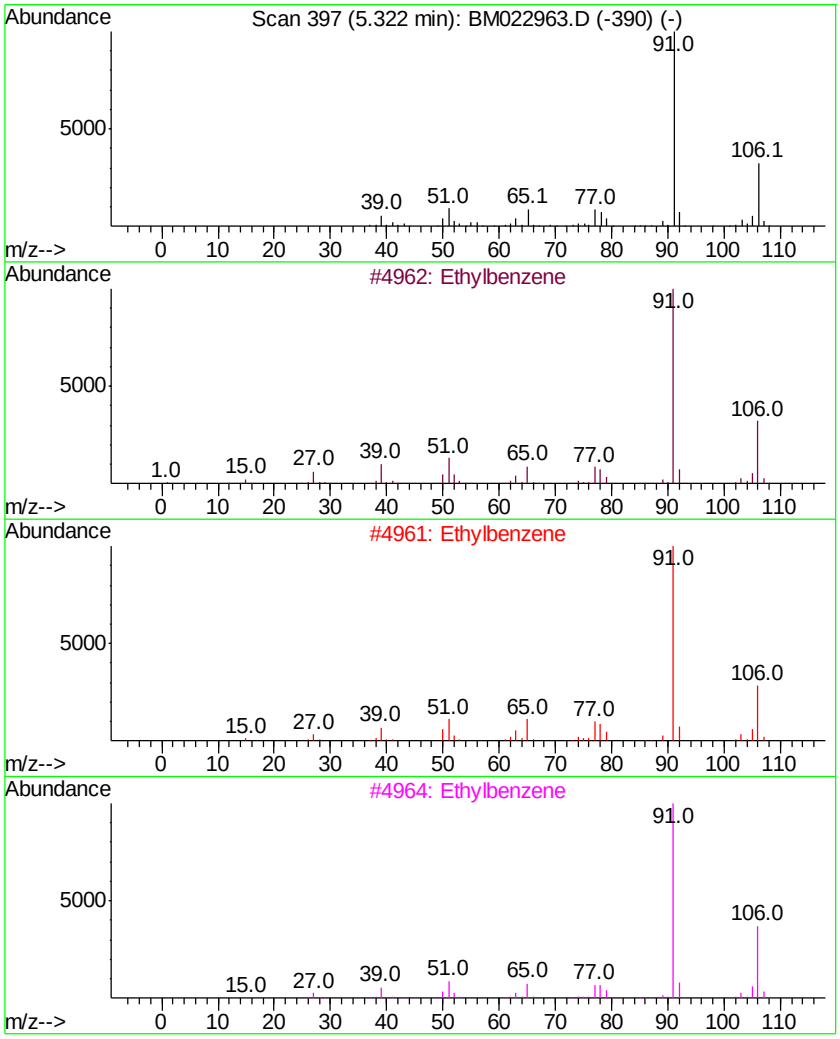
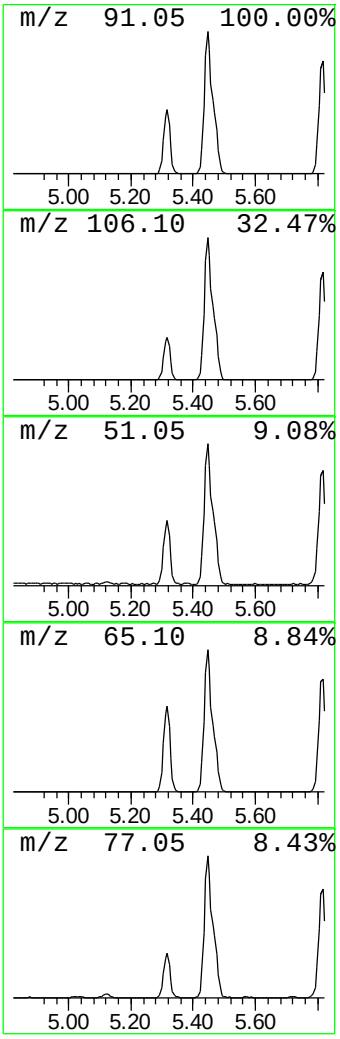
Peak Number 8 Ethylbenzene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	14.67 ng/ul	1026580	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	p-Xylene	106	C8H10	000106-42-3	64





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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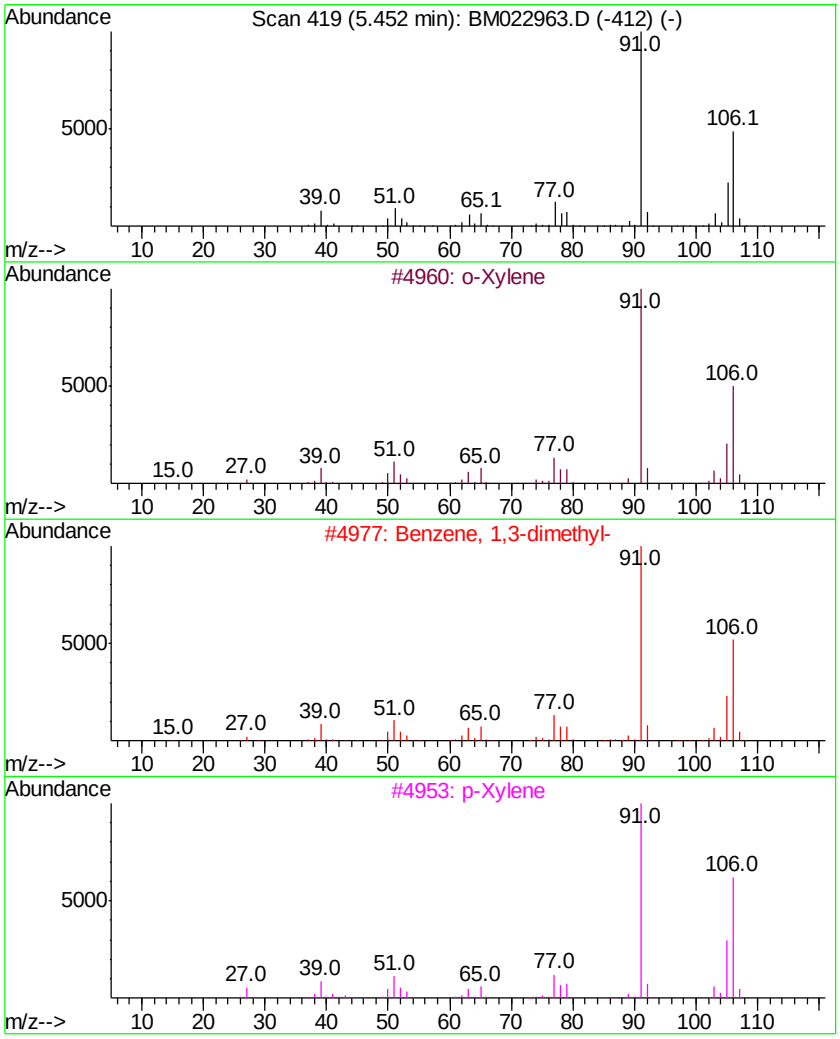
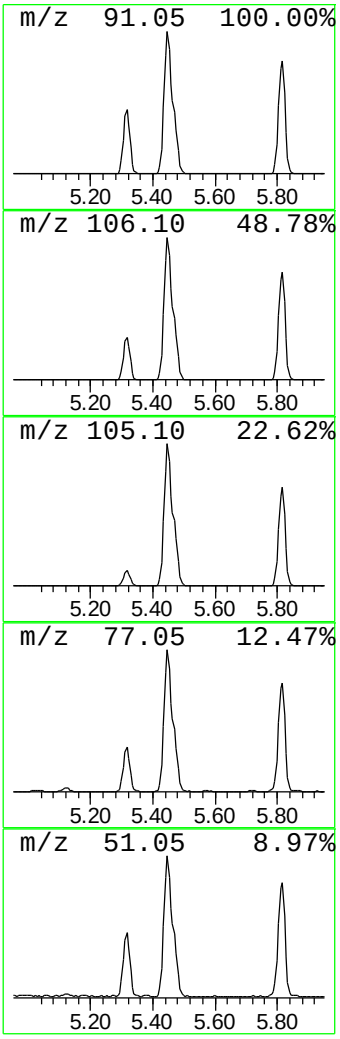
Peak Number 9 o-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	49.85 ng/ul	3489150	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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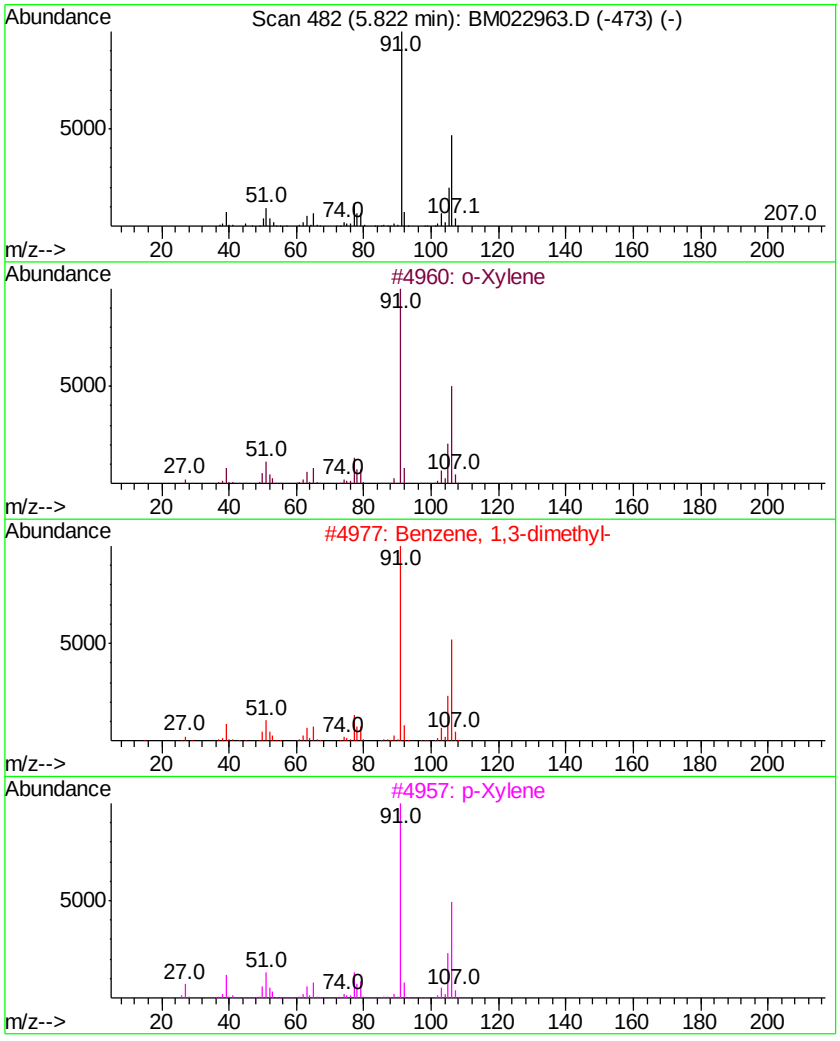
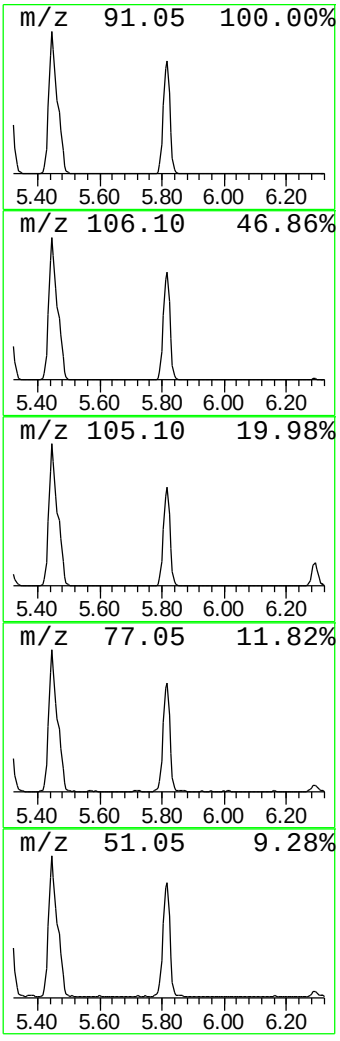
Peak Number 10 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	30.50 ng/ul	2134320	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





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ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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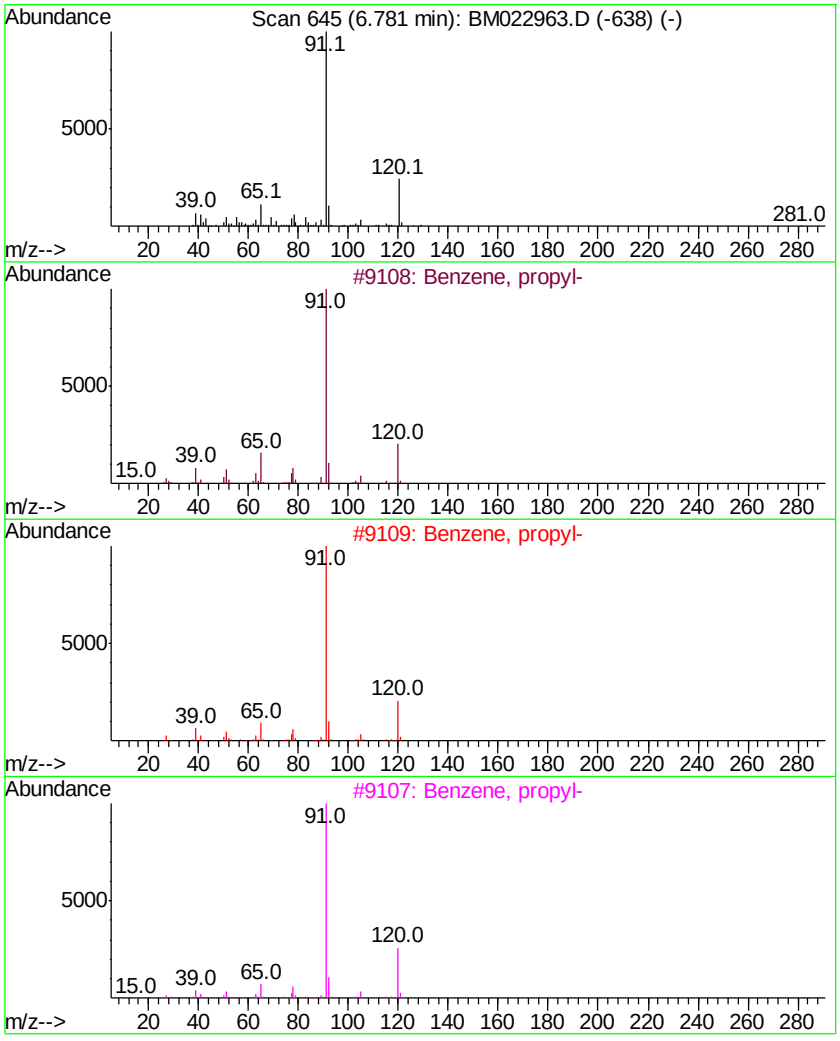
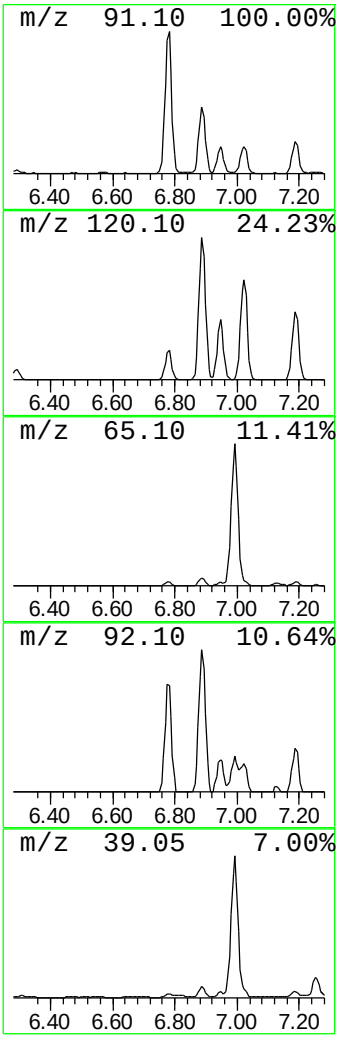
Peak Number 11 Benzene, propyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	5.19 ng/ul	363268	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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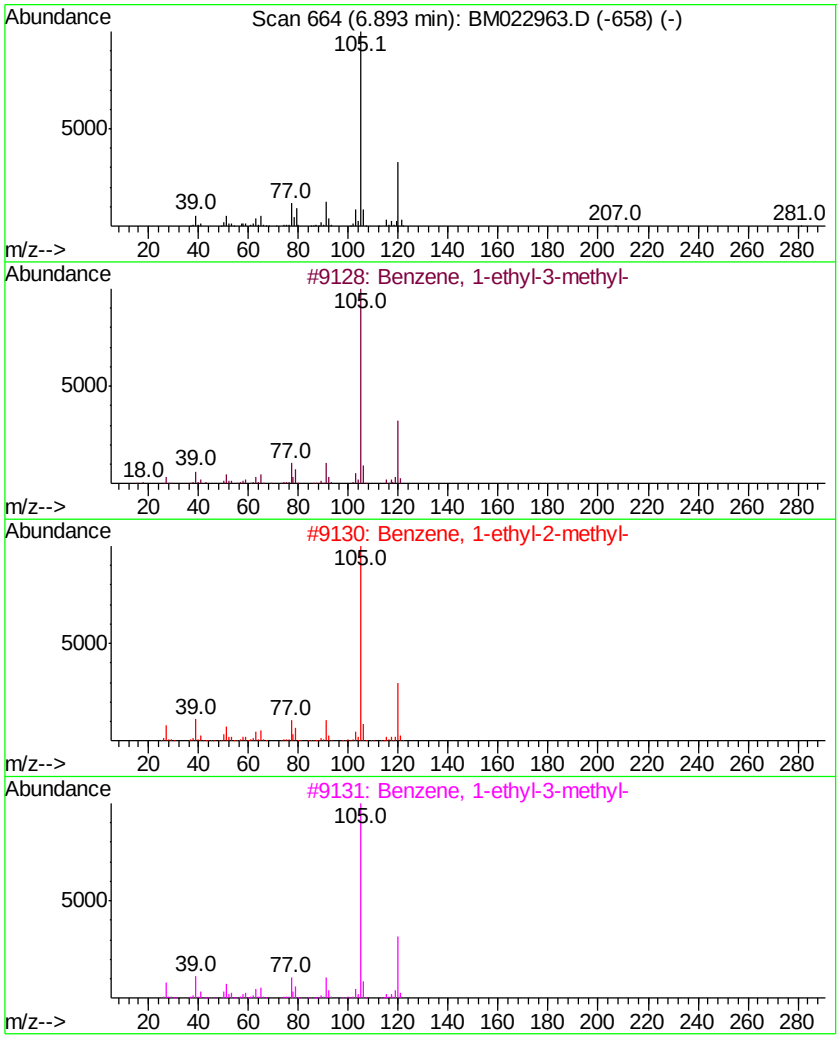
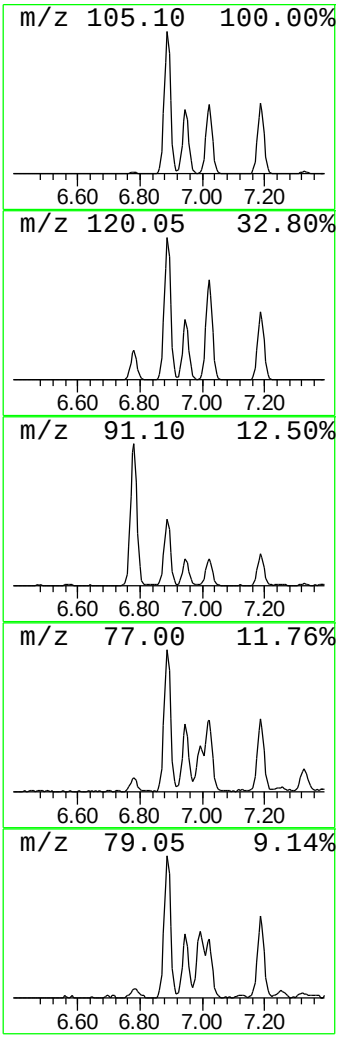
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	13.30 ng/ul	931081	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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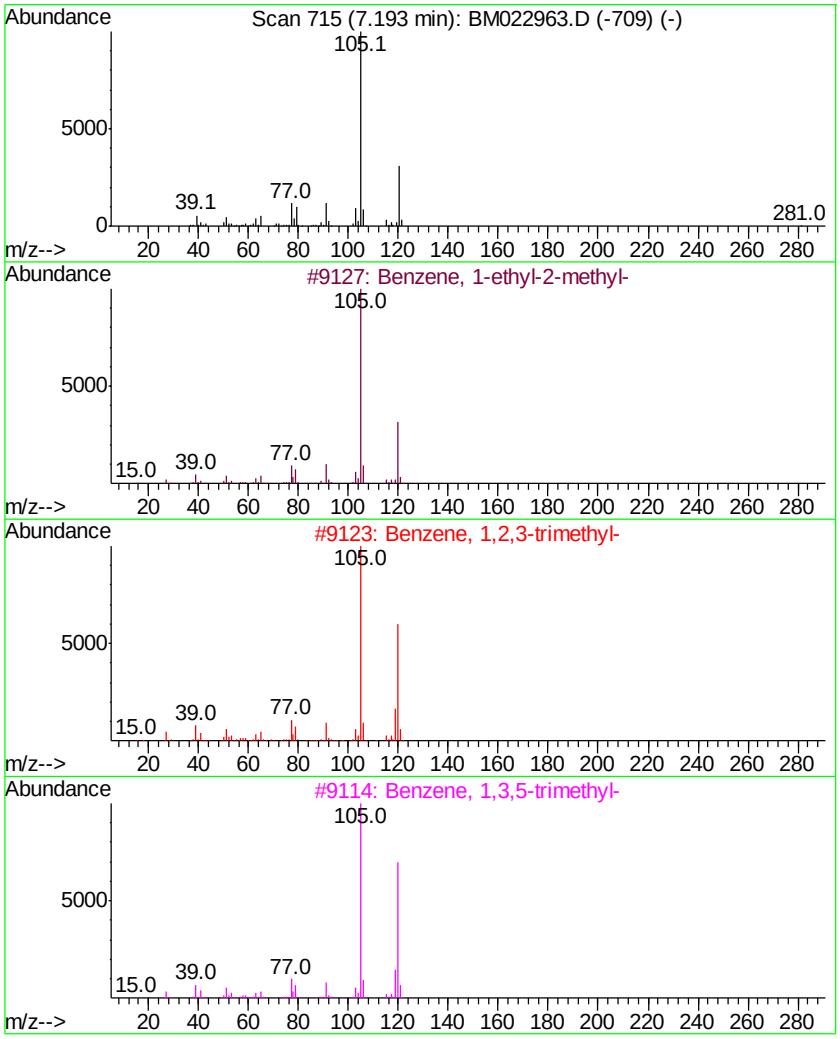
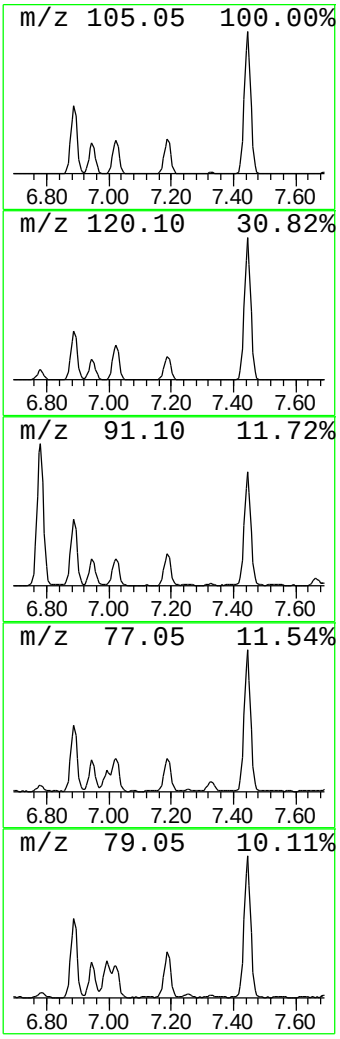
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	7.86 ng/ul	550122	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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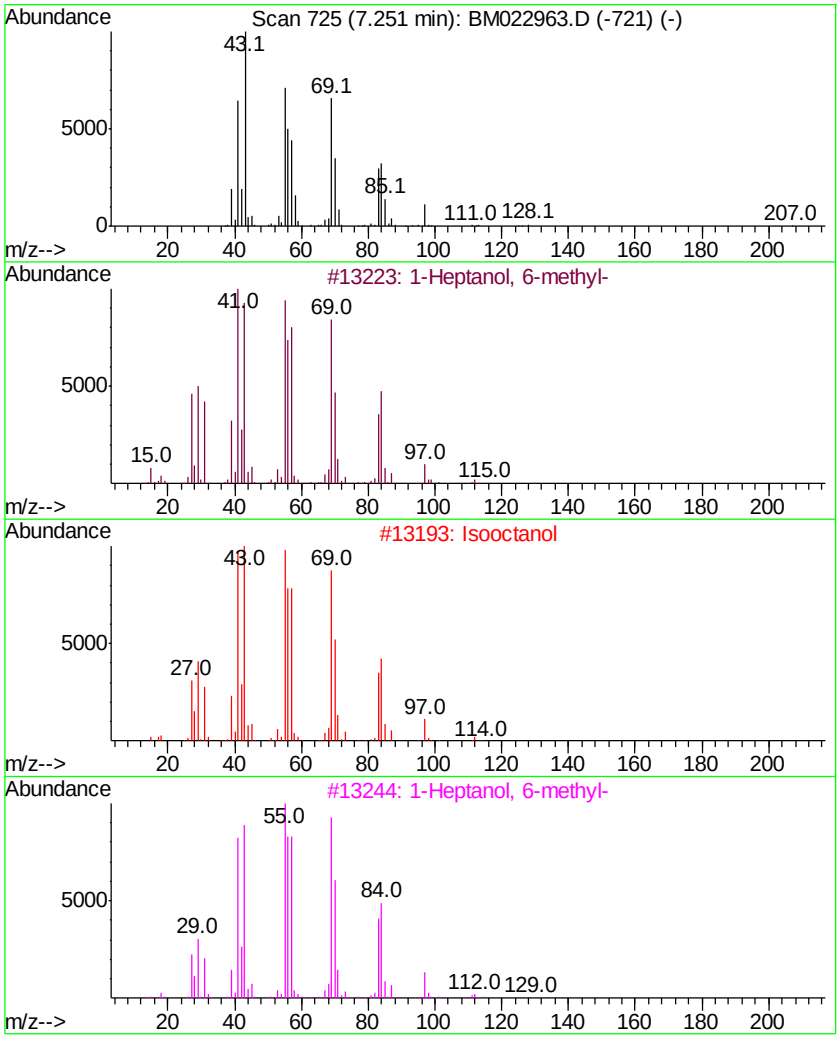
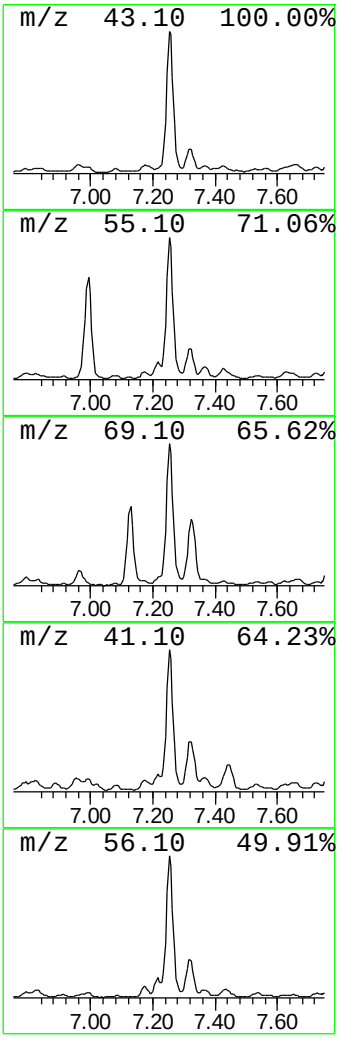
Peak Number 14 1-Heptanol, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	18.52 ng/ul	1296210	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	86
2	Isooctanol	130	C8H18O	026952-21-6	86
3	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	86
4	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	64
5	1-Heptanol, 4-methyl-	130	C8H18O	000817-91-4	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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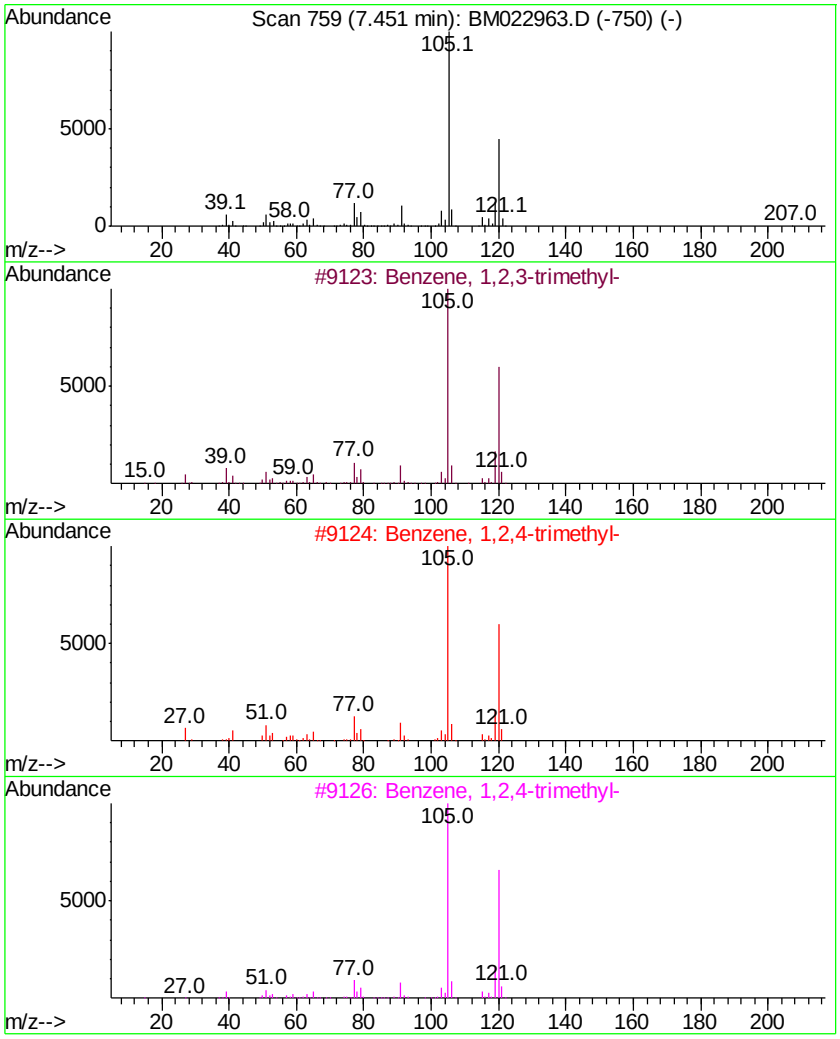
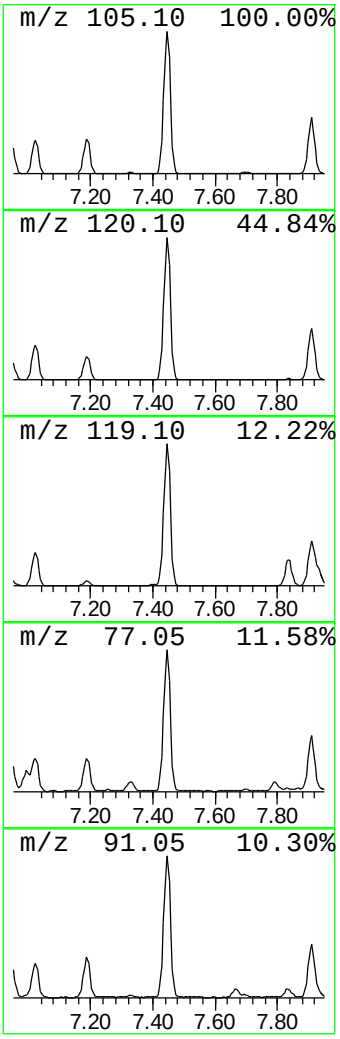
Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	35.01 ng/ul	2450380	1,4-Dichlorobenzene-d4	7.79

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	95
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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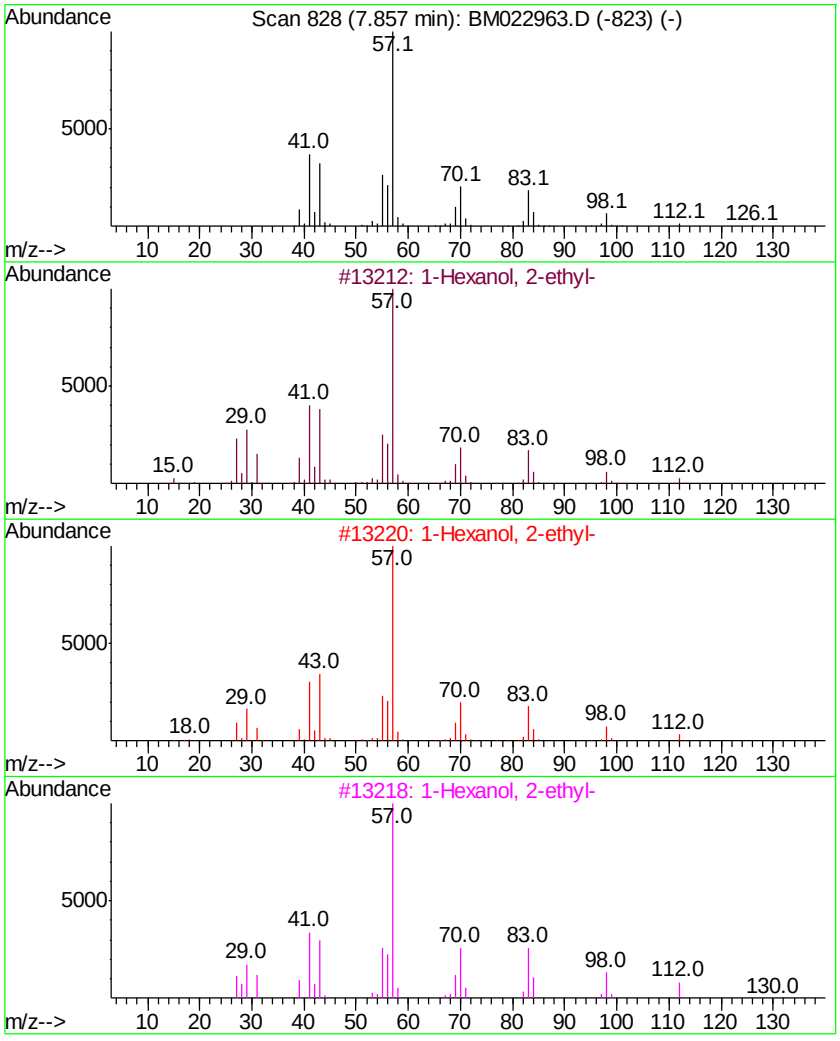
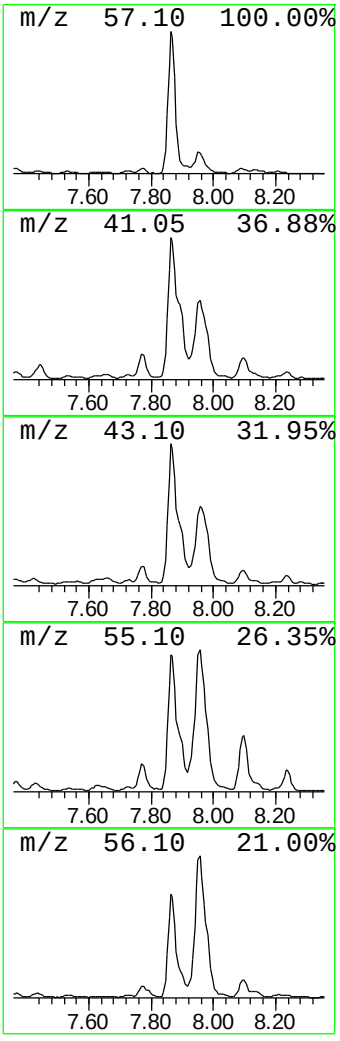
Peak Number 16 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	39.66 ng/ul	2775740	1,4-Dichlorobenzene-d4	7.79

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	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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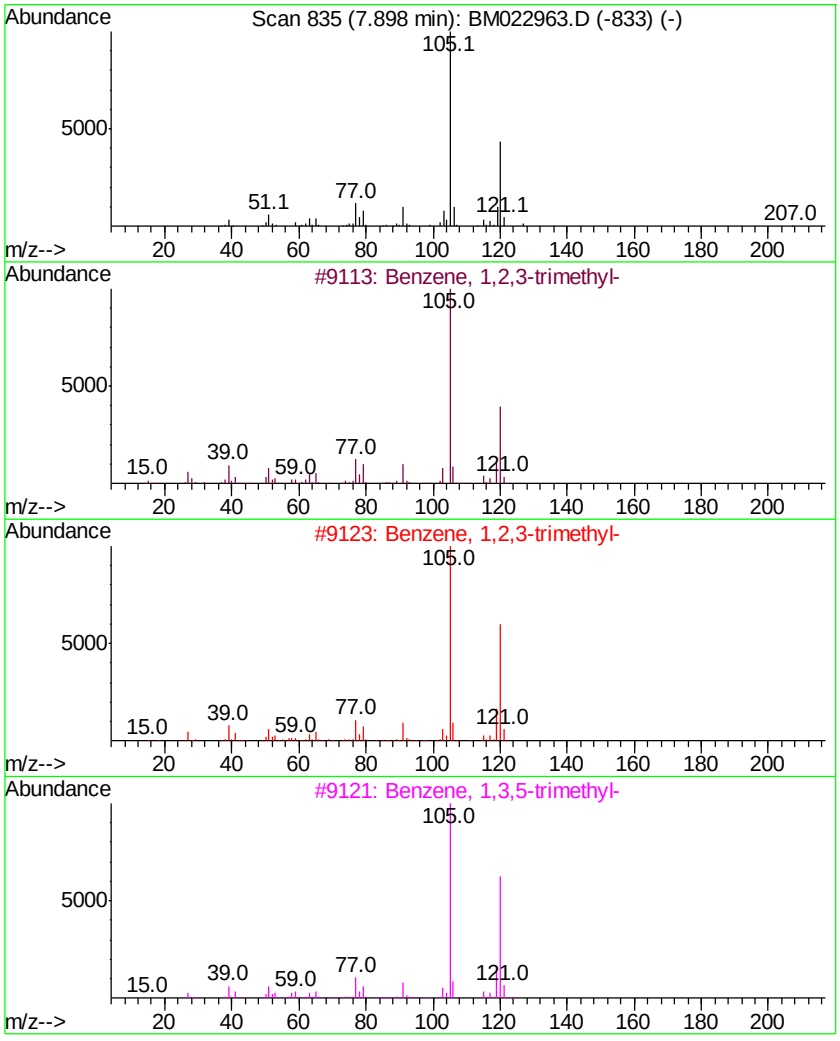
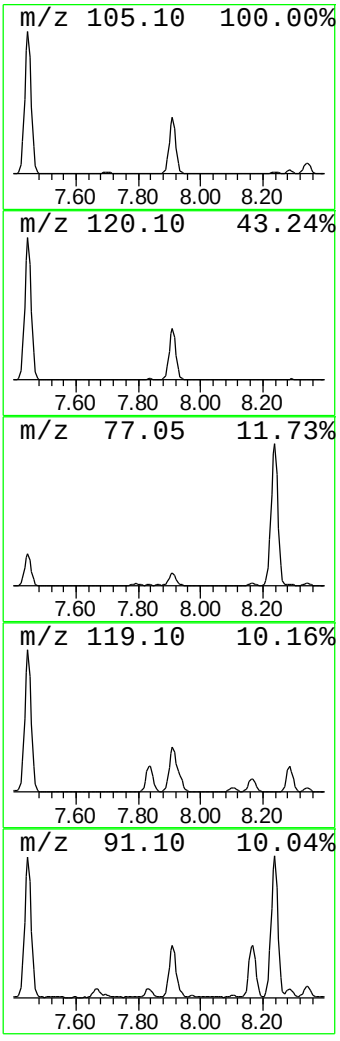
Peak Number 17 Benzene, 1,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	23.47 ng/ul	1642480	1,4-Dichlorobenzene-d4	7.79

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





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Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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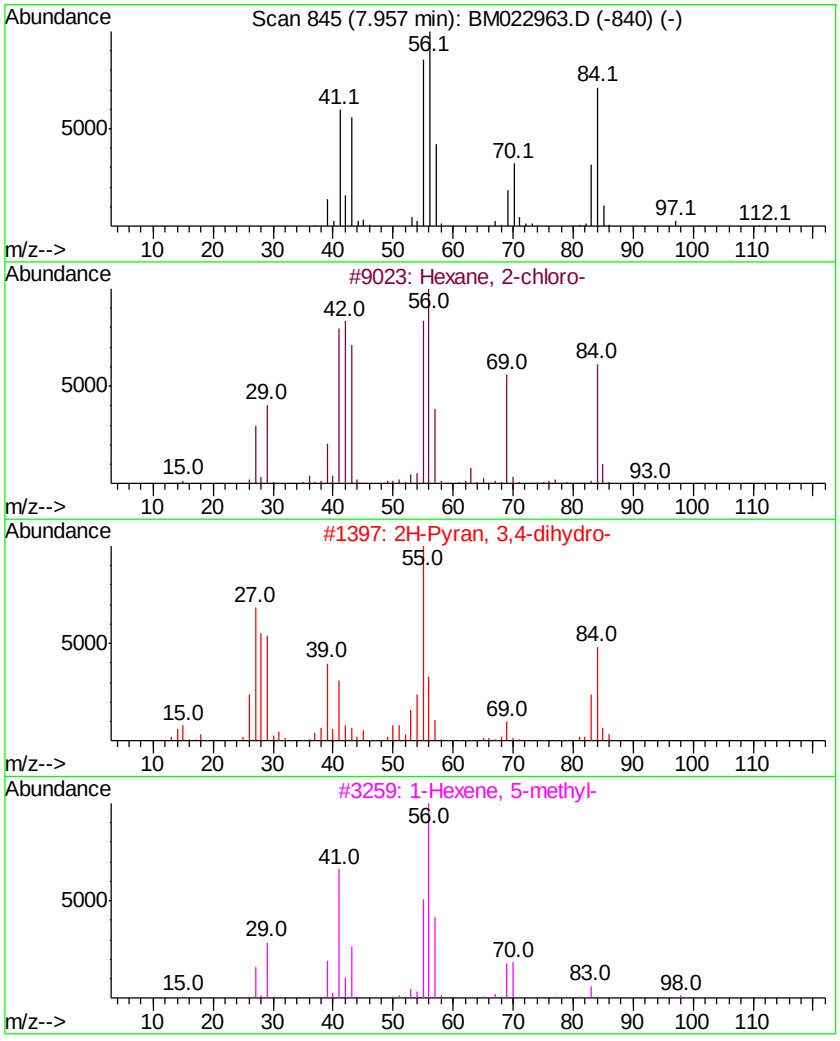
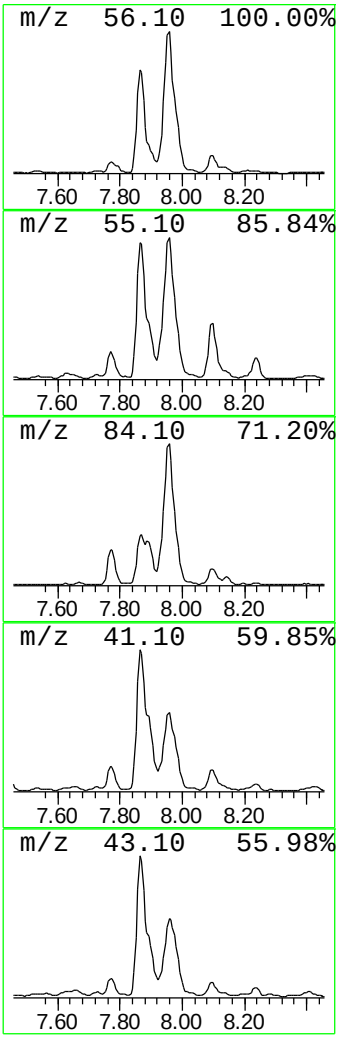
Peak Number 18 Hexane, 2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	31.05 ng/ul	2173380	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	53
2	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	43
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43
4	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	42
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	42





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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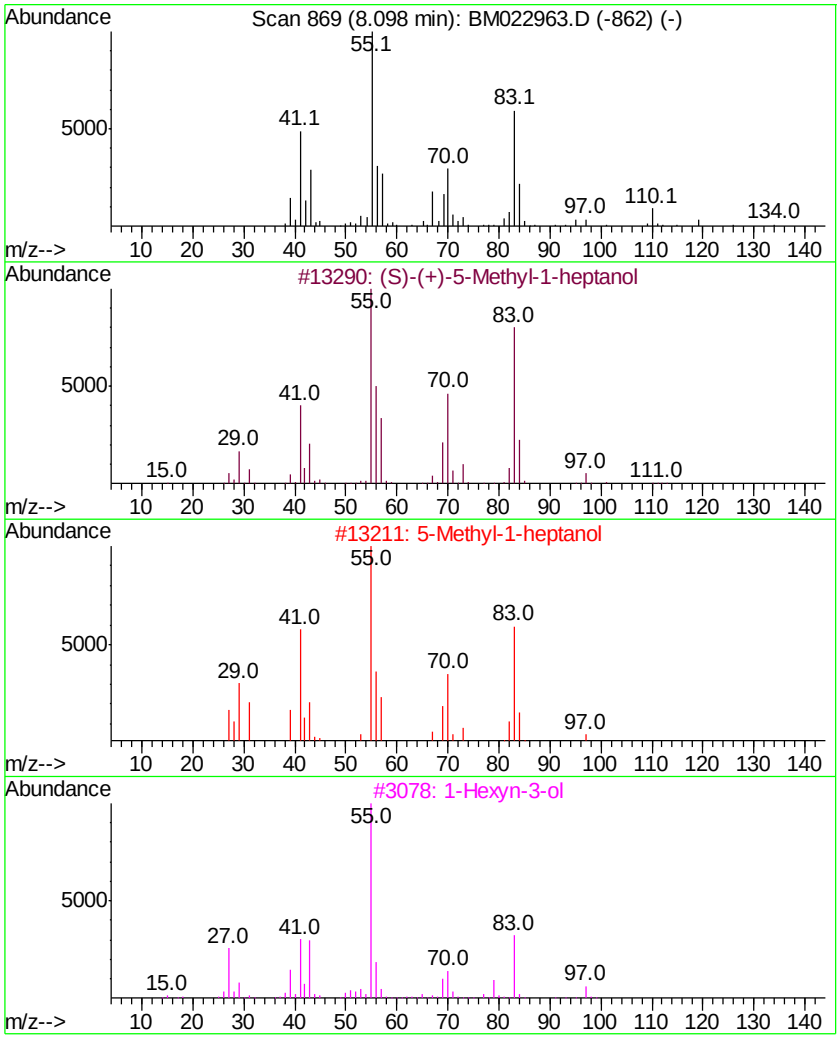
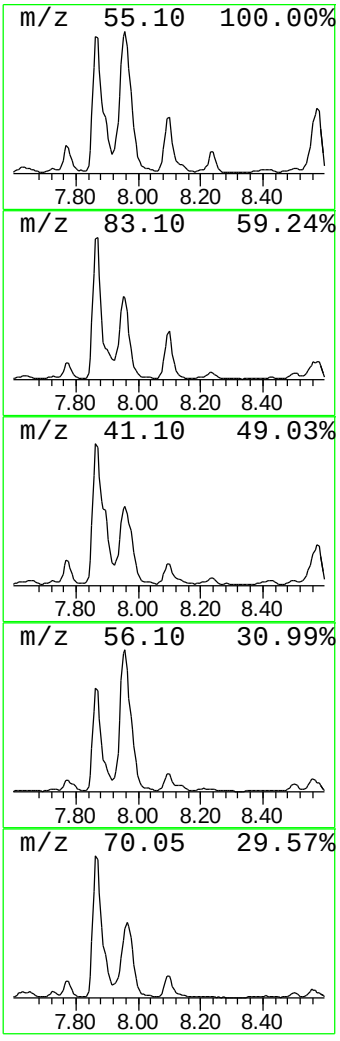
Peak Number 19 (S)-(+)-5-Methyl-1-heptanol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	6.76 ng/ul	473063	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	59
2	5-Methyl-1-heptanol	130	C8H18O	007212-53-5	50
3	1-Hexyn-3-ol	98	C6H10O	000105-31-7	50
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	40
5	Cyclobut-1-enylmethanol	84	C5H8O	089182-08-1	40





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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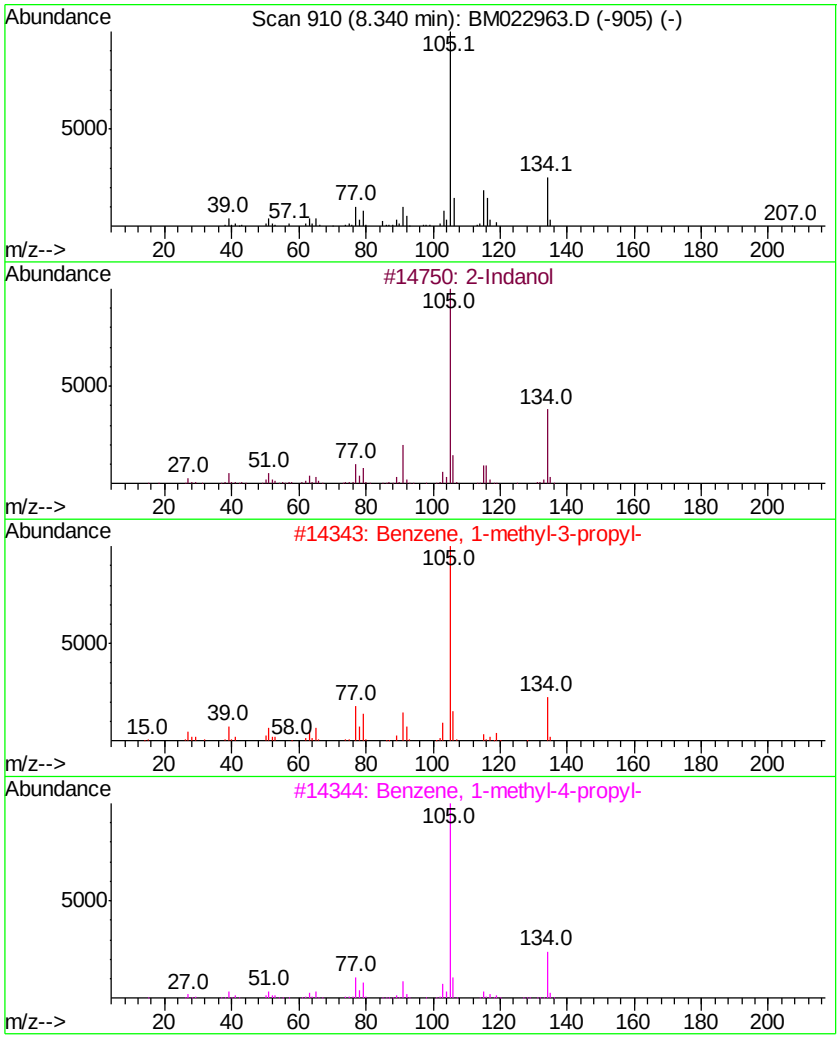
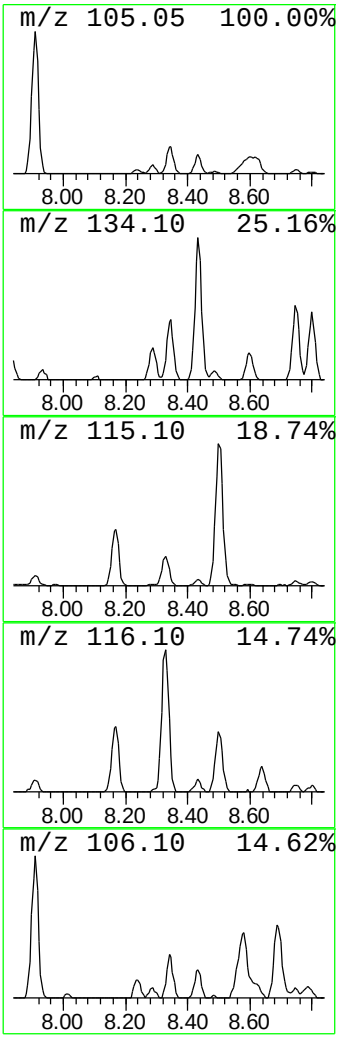
Peak Number 21 2-Indanol Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.17 ng/ul	221882	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	83
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76





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ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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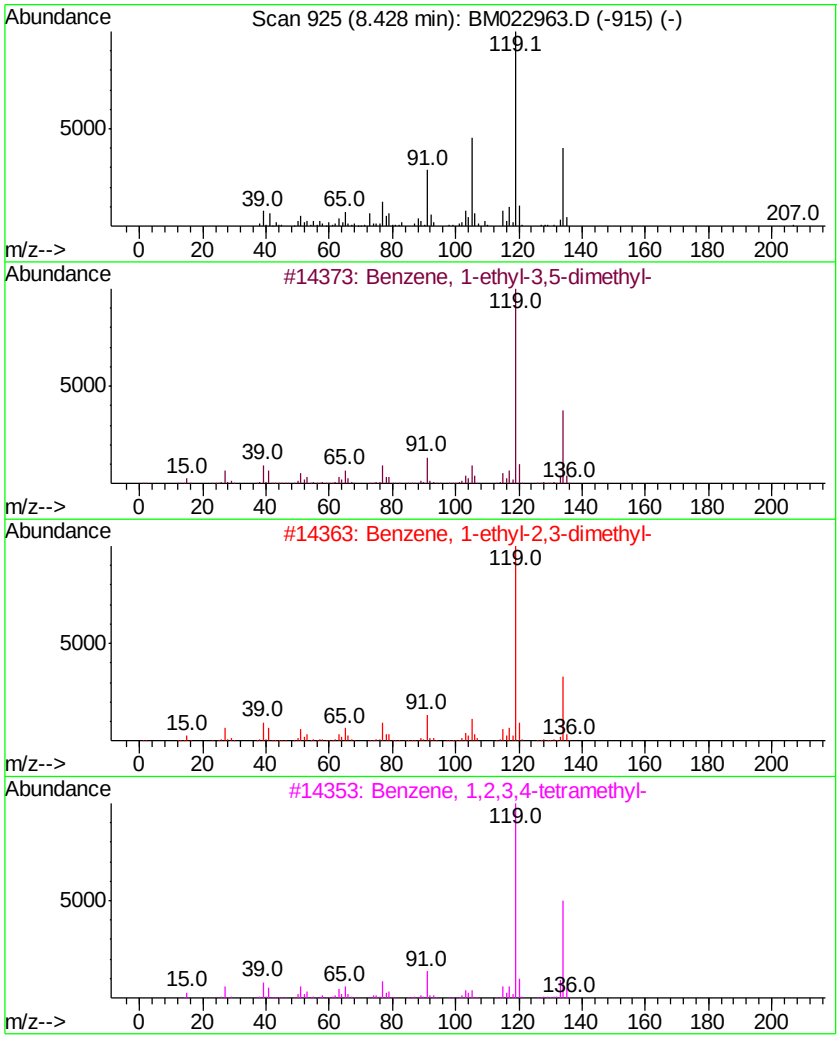
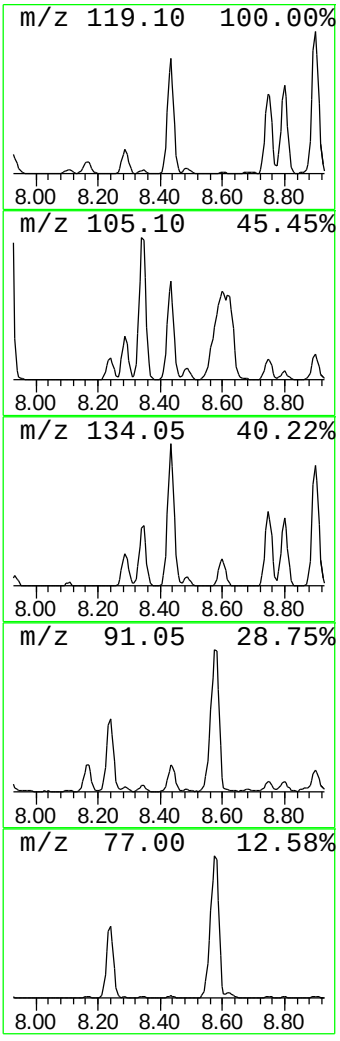
Peak Number 22 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	5.99 ng/ul	419036	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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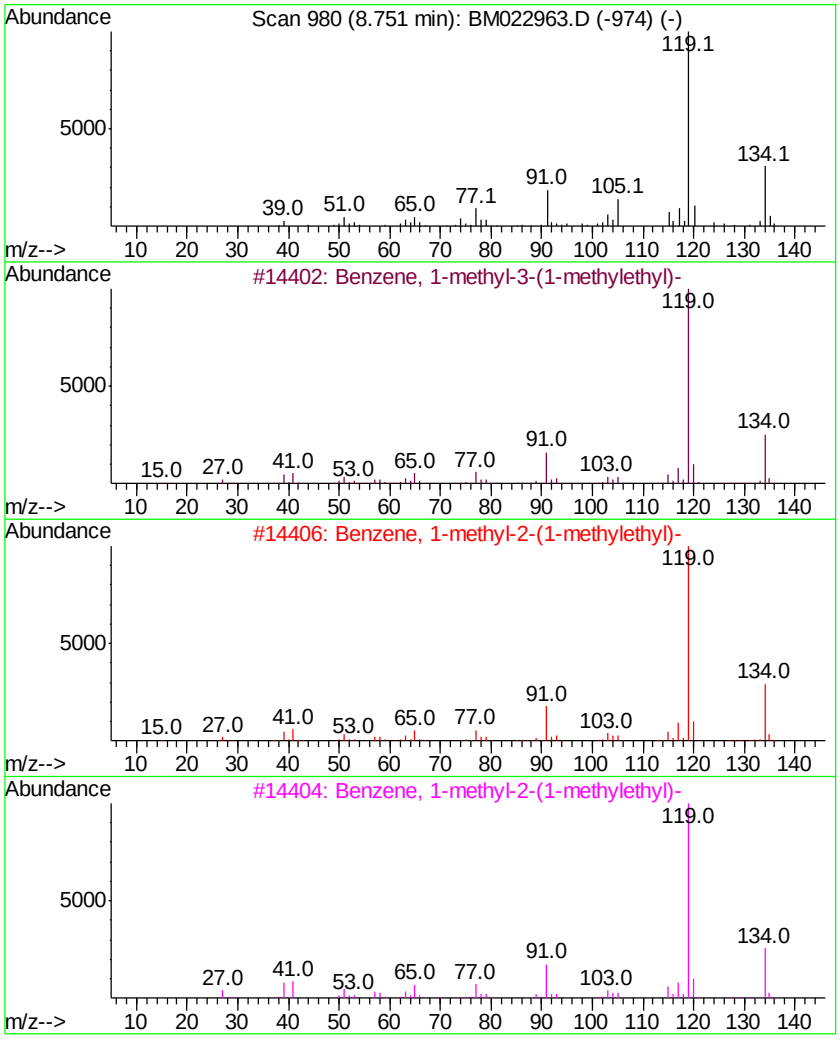
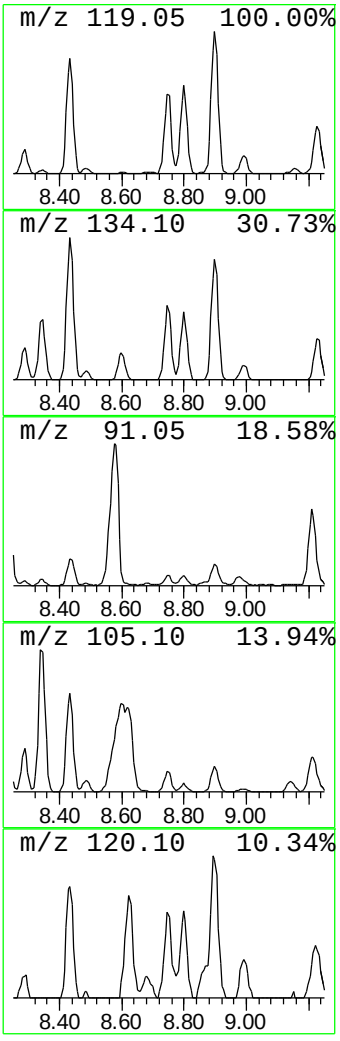
Peak Number 23 Benzene, 1-methyl-3-(1-meth... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.81 ng/ul	266521	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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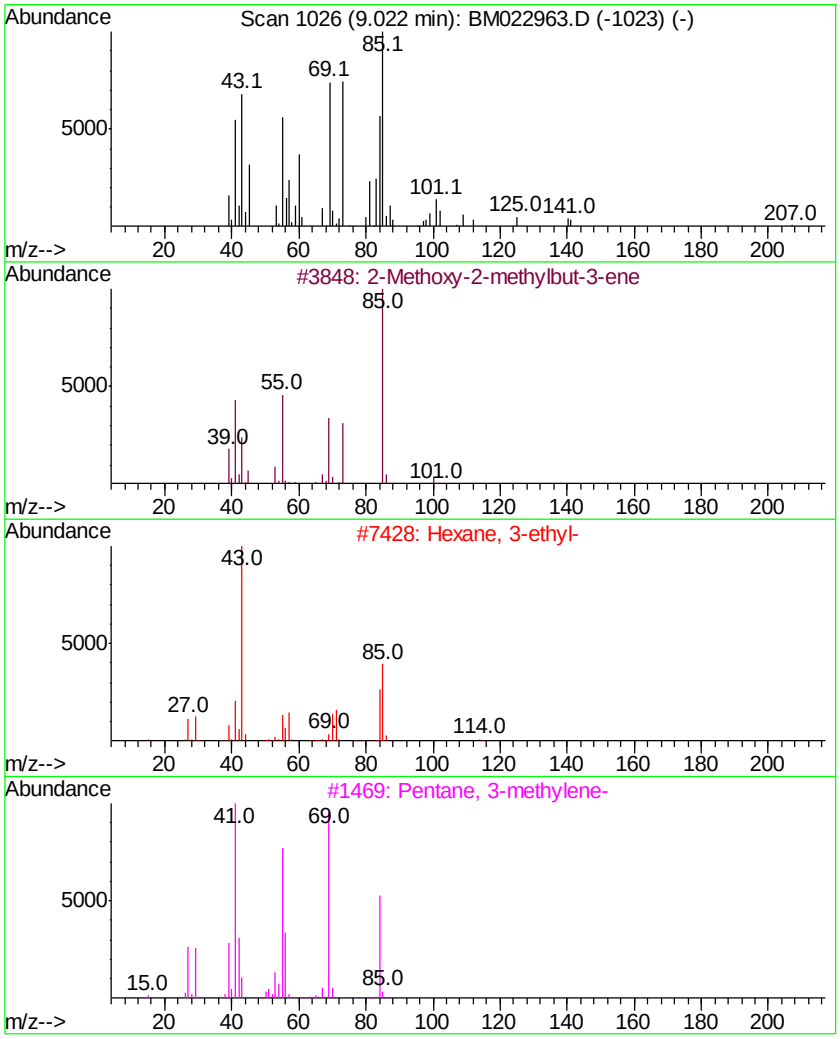
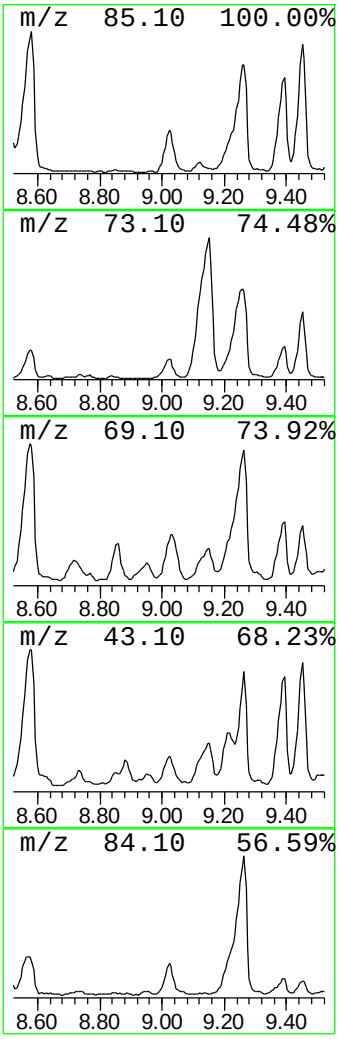
Peak Number 24 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.70 ng/ul	259216	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-2-methylbut-3-ene	100	C6H12O	040426-44-6	38
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	27
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	27
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27
5	3-Ethyl-2-methyl-1-heptene	140	C10H20	019780-60-0	27





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Instrument : BNA_M
ClientSampleId : BFDJ8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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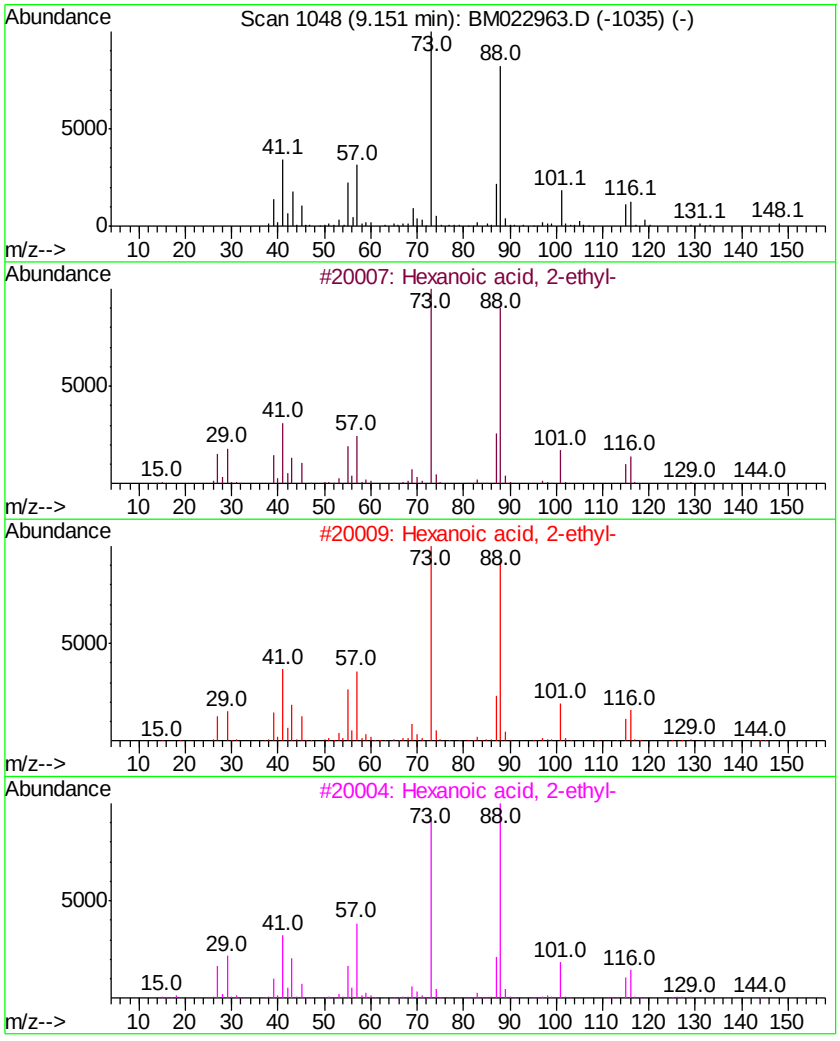
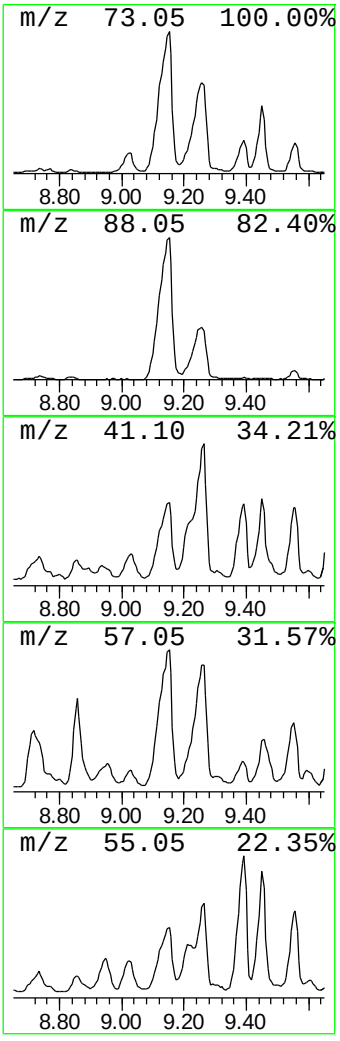
Peak Number 25 Hexanoic acid, 2-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	15.50 ng/ul	1084650	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	87
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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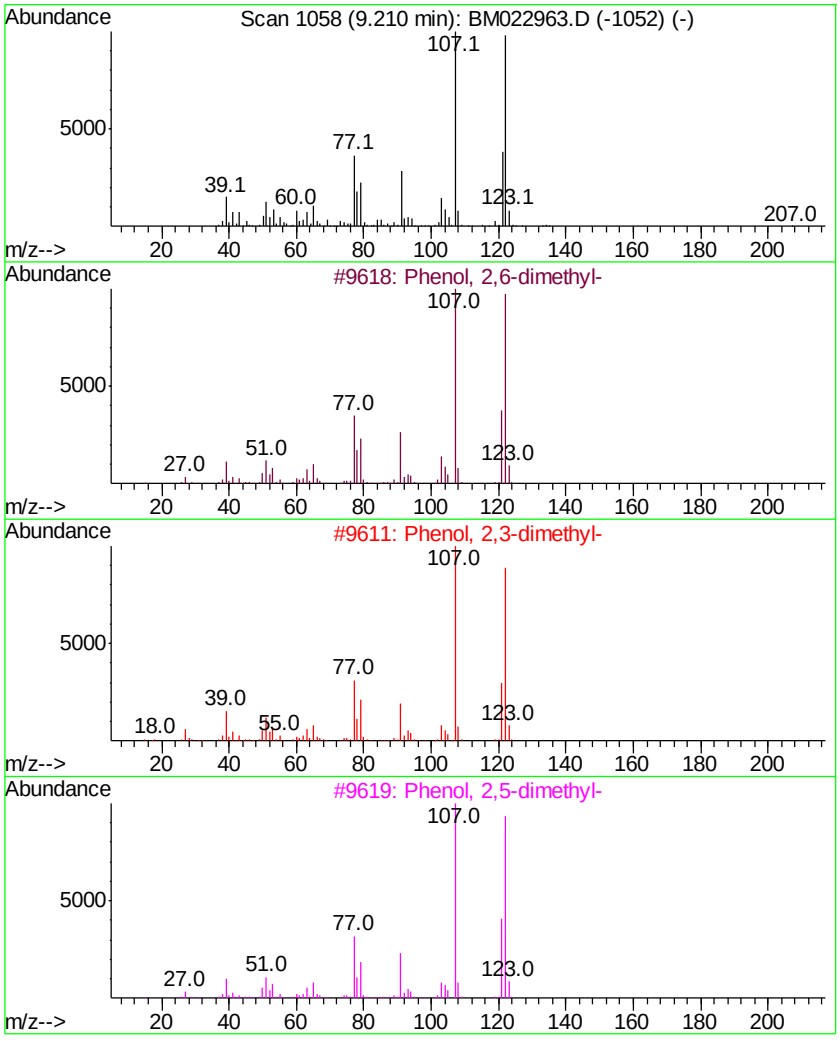
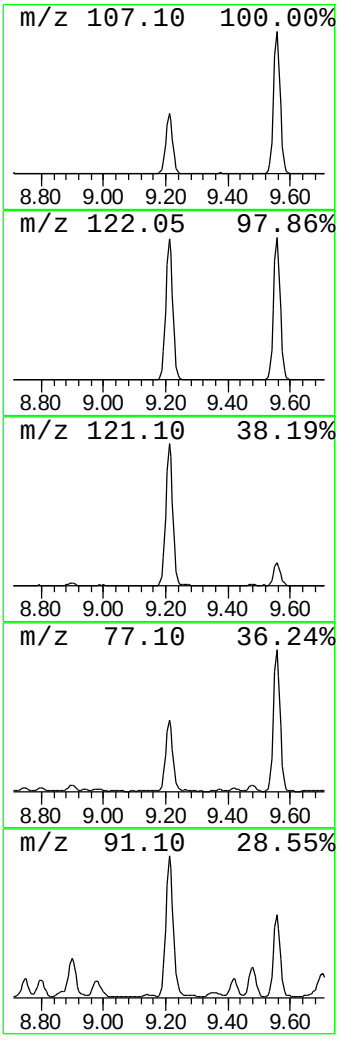
Peak Number 26 Phenol, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	26.61 ng/ul	2160390	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	97
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	95
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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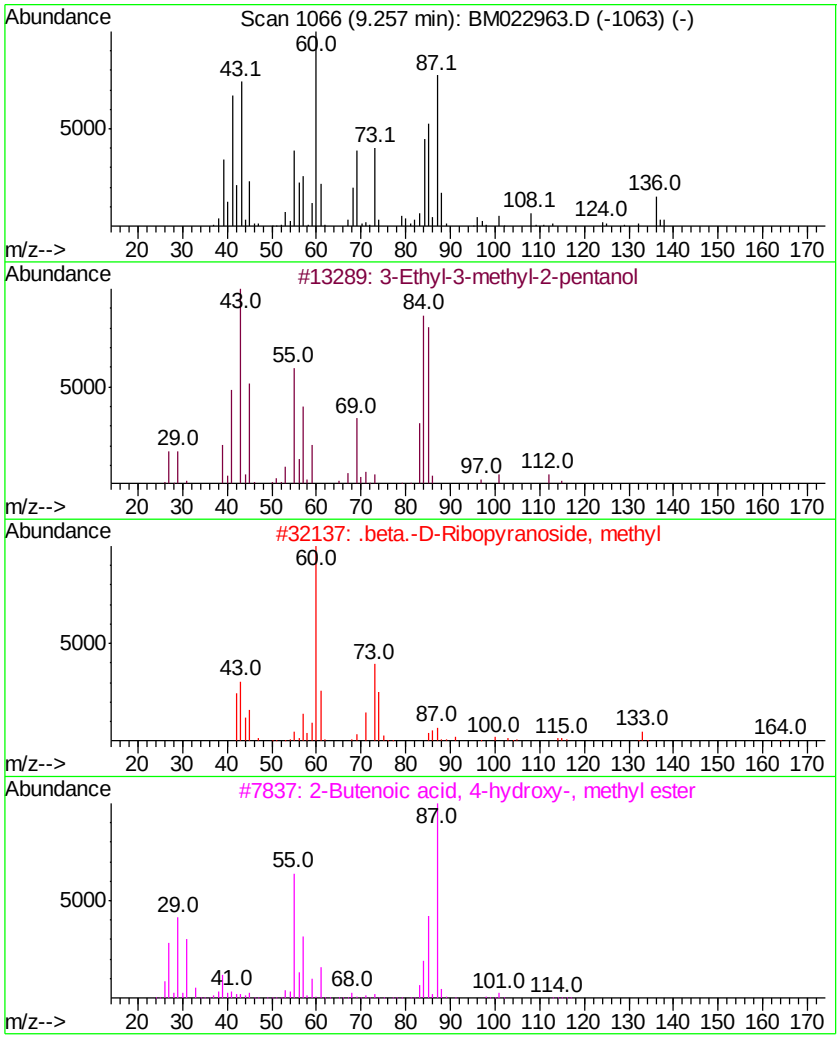
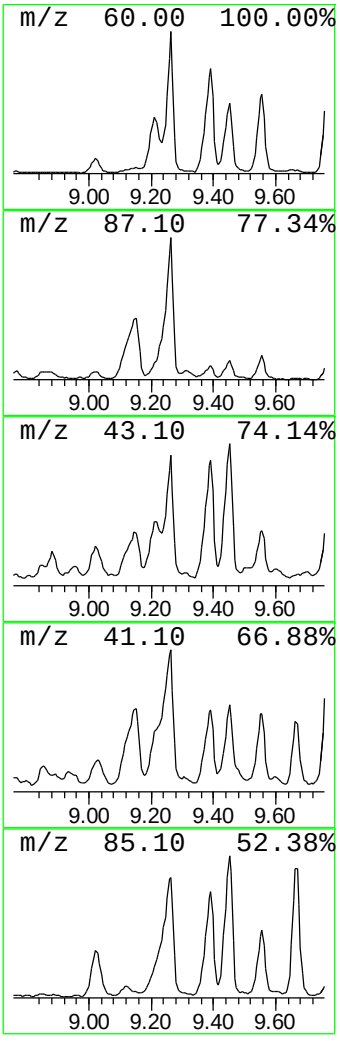
Peak Number 27 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	12.05 ng/ul	978498	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	27
2	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	17
3	2-Butenoic acid, 4-hydroxy-, met...	116	C5H8O3	004508-99-0	16
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	14
5	Methoxyacetic acid, 4-methylpent...	174	C9H18O3	1000282-41-2	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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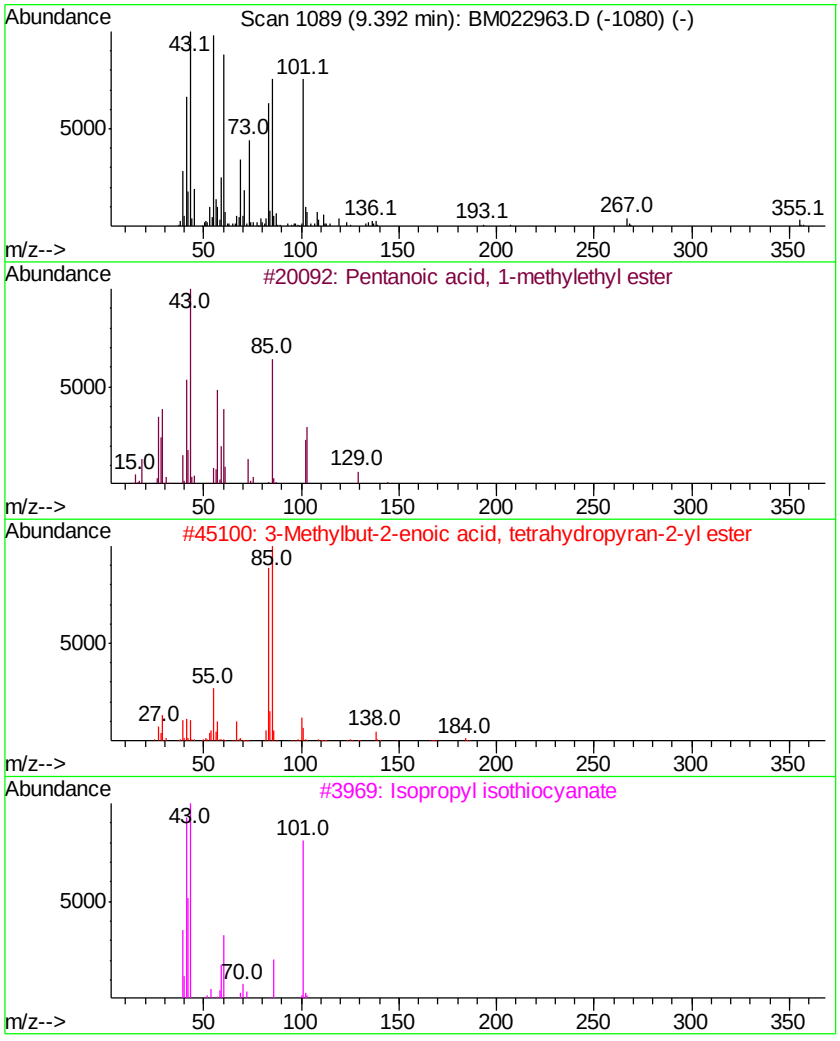
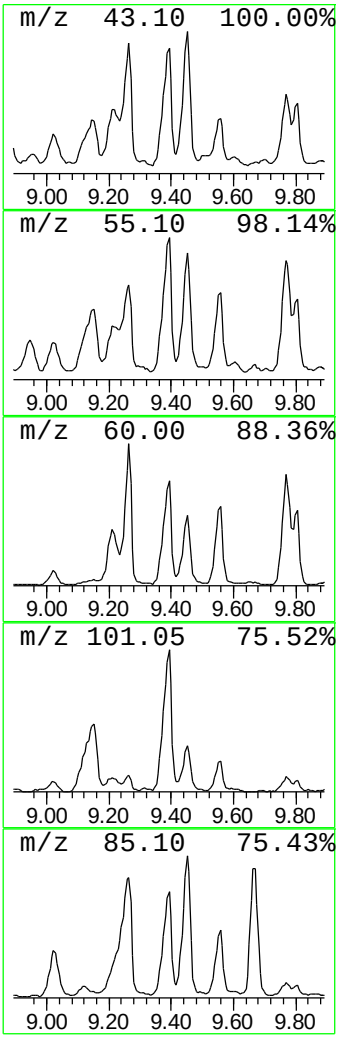
Peak Number 28 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	10.60 ng/ul	860679	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	25
2	3-Methylbut-2-enoic acid, tetrah...	184	C10H16O3	1000187-32-6	22
3	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	14
4	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	14
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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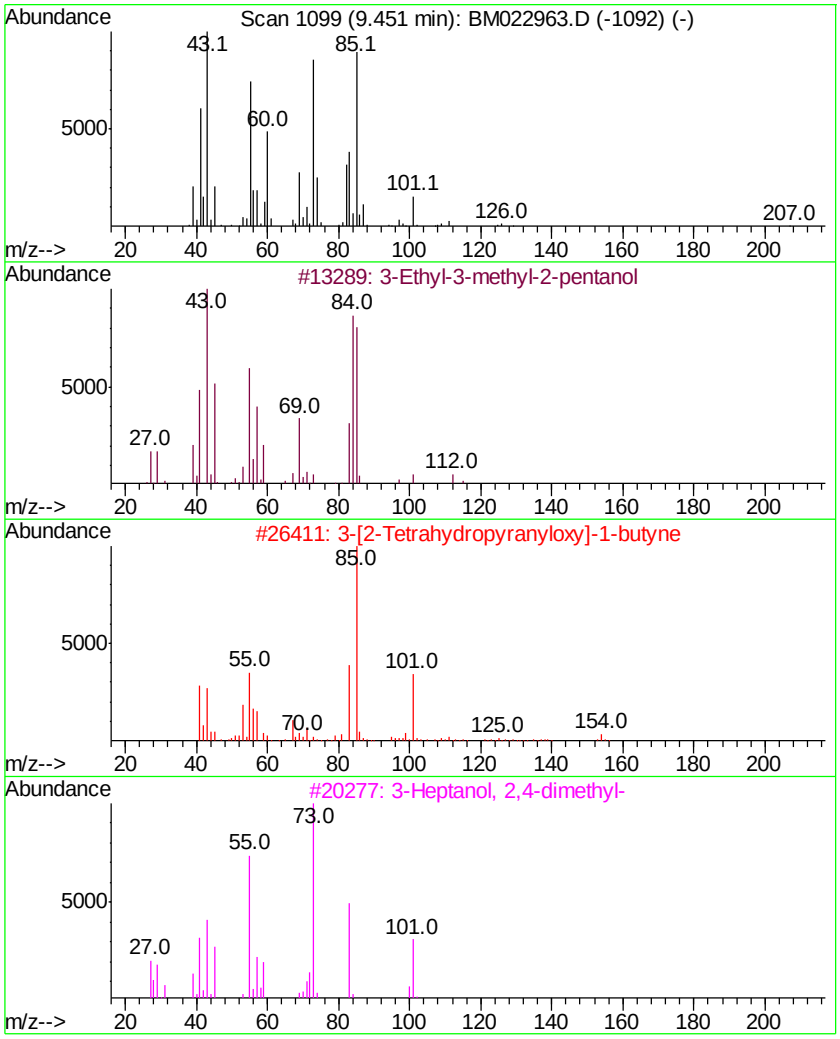
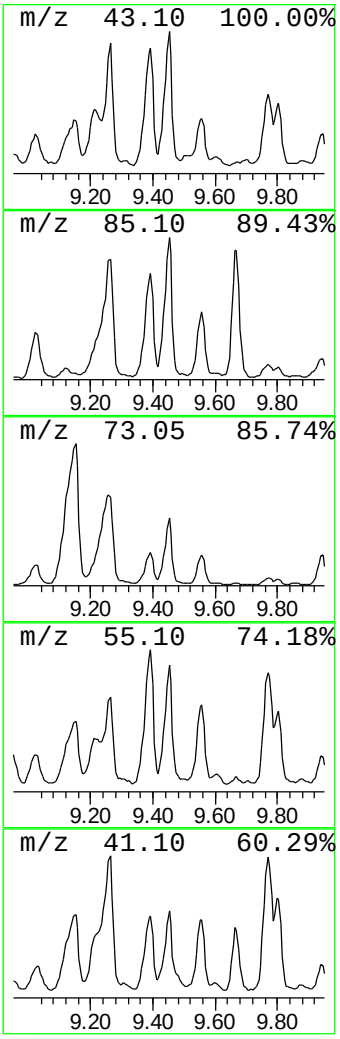
Peak Number 29 unknown-04 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	4.94 ng/ul	400963	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	37
2	3-[2-Tetrahydropyranyloxy]-1-butyne	154	C9H14O2	1000227-17-0	35
3	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	22
4	Methyl 4,6-ethylidene-.alpha.-d-...	220	C9H16O6	1000102-53-5	22
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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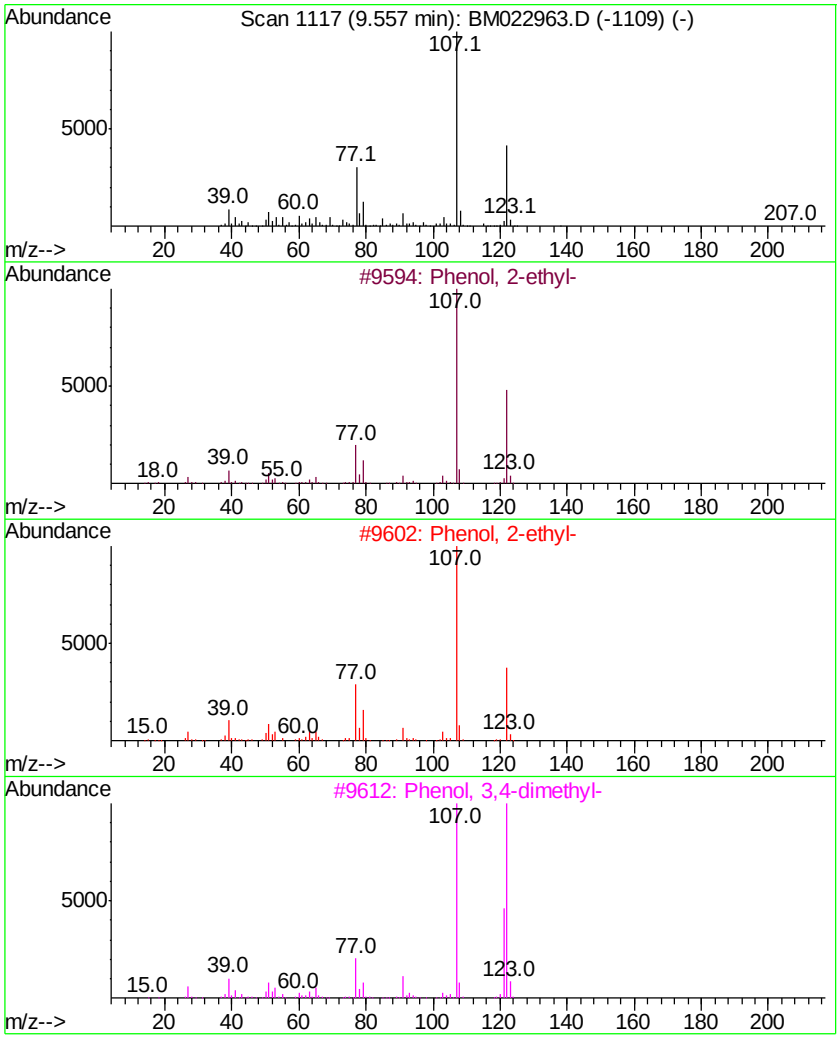
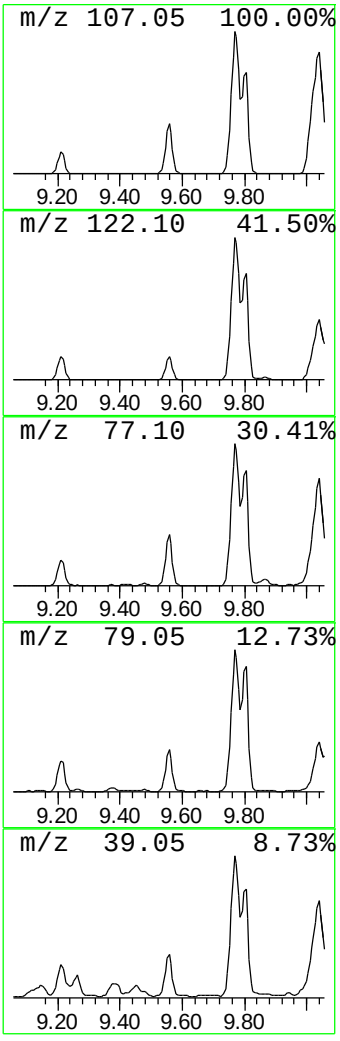
Peak Number 30 Phenol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	30.56 ng/ul	2481070	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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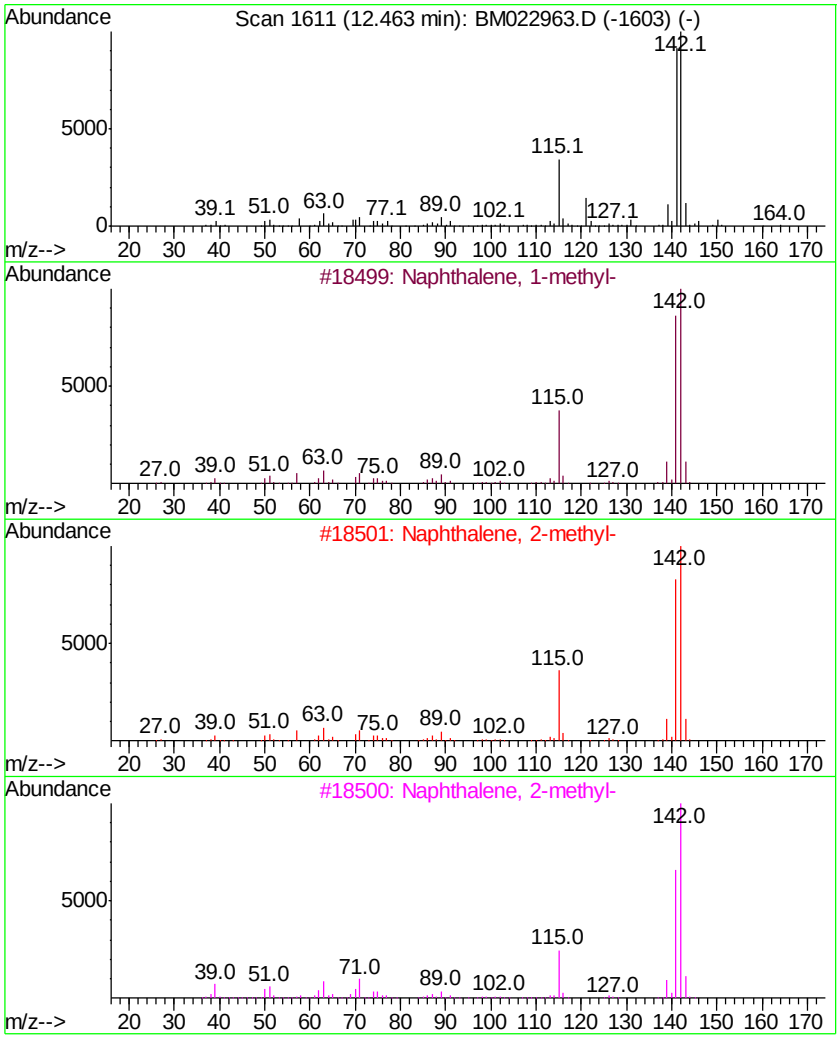
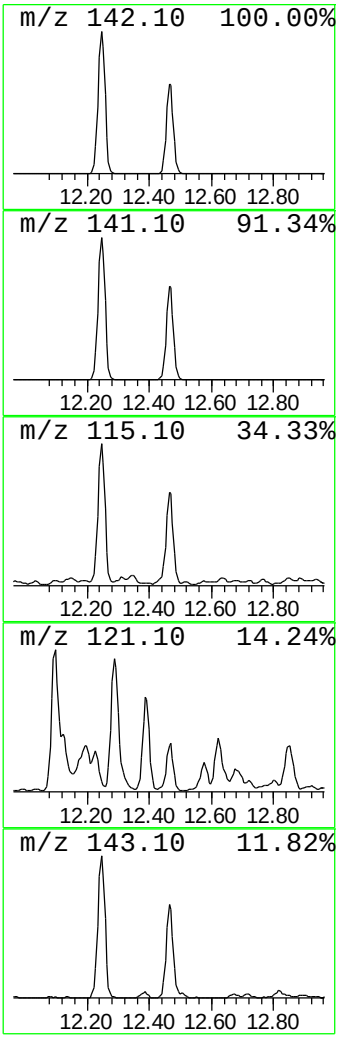
Peak Number 50 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	15.89 ng/ul	1289990	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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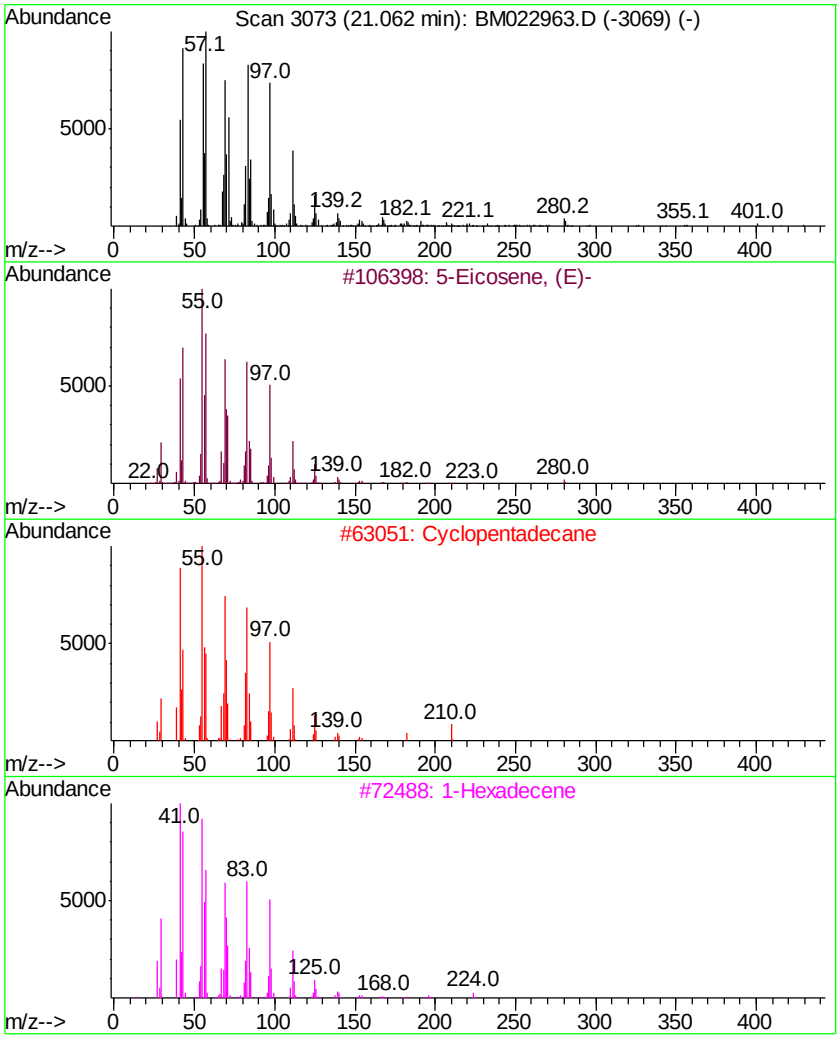
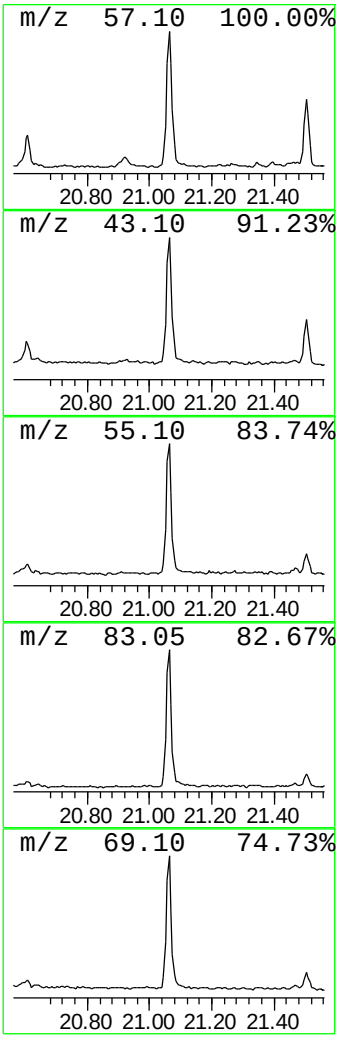
Peak Number 65 (DEL) Alkane: Cyclic21.06 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.92 ng/ul	524167	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclopentadecane	210	C15H30	000295-48-7	97
3	1-Hexadecene	224	C16H32	000629-73-2	96
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022963.D
Acq On : 04 Oct 2019 18:29
Operator : JU
Sample : K4932-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDJ8

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.60	38.8	ng/ul	2716360	1	7.79	1399760	20.0
Propanoic acid, 1...	3.73	3.7	ng/ul	257233	1	7.79	1399760	20.0
2-Hexanol	3.83	11.2	ng/ul	785632	1	7.79	1399760	20.0
Toluene	4.00	48.5	ng/ul	3397650	1	7.79	1399760	20.0
Propanoic acid, 2...	4.26	6.9	ng/ul	479922	1	7.79	1399760	20.0
Propanoic acid, p...	4.44	8.6	ng/ul	604049	1	7.79	1399760	20.0
Butanoic acid, 1-...	4.89	12.4	ng/ul	867543	1	7.79	1399760	20.0
Ethylbenzene	5.32	14.7	ng/ul	1026580	1	7.79	1399760	20.0
o-Xylene	5.45	49.9	ng/ul	3489150	1	7.79	1399760	20.0
p-Xylene	5.82	30.5	ng/ul	2134320	1	7.79	1399760	20.0
Benzene, propyl-	6.78	5.2	ng/ul	363268	1	7.79	1399760	20.0
Benzene, 1-ethyl-...	6.89	13.3	ng/ul	931081	1	7.79	1399760	20.0
Benzene, 1-ethyl-...	7.19	7.9	ng/ul	550122	1	7.79	1399760	20.0
1-Heptanol, 6-met...	7.25	18.5	ng/ul	1296210	1	7.79	1399760	20.0
Benzene, 1,2,3-tr...	7.45	35.0	ng/ul	2450380	1	7.79	1399760	20.0
1-Hexanol, 2-ethyl-	7.86	39.7	ng/ul	2775740	1	7.79	1399760	20.0
Benzene, 1,3,5-tr...	7.90	23.5	ng/ul	1642480	1	7.79	1399760	20.0
Hexane, 2-chloro-	7.96	31.1	ng/ul	2173380	1	7.79	1399760	20.0
(S)-(+)-5-Methyl-...	8.10	6.8	ng/ul	473063	1	7.79	1399760	20.0
2-Indanol	8.34	3.2	ng/ul	221882	1	7.79	1399760	20.0
Benzene, 1-ethyl-...	8.43	6.0	ng/ul	419036	1	7.79	1399760	20.0
Benzene, 1-methyl...	8.75	3.8	ng/ul	266521	1	7.79	1399760	20.0
unknown-01	9.02	3.7	ng/ul	259216	1	7.79	1399760	20.0
Hexanoic acid, 2-...	9.15	15.5	ng/ul	1084650	1	7.79	1399760	20.0
Phenol, 2,6-dimet...	9.21	26.6	ng/ul	2160390	2	10.59	1623540	20.0
unknown-02	9.26	12.1	ng/ul	978498	2	10.59	1623540	20.0
unknown-03	9.39	10.6	ng/ul	860679	2	10.59	1623540	20.0
unknown-04	9.45	4.9	ng/ul	400963	2	10.59	1623540	20.0
Phenol, 2-ethyl-	9.56	30.6	ng/ul	2481070	2	10.59	1623540	20.0
Naphthalene, 1-me...	12.46	15.9	ng/ul	1289990	2	10.59	1623540	20.0
(DEL) Alkane: Cyc...	21.06	5.9	ng/ul	524167	5	21.34	1769900	20.0