LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
Data File : BM022876.D
Acq On : 02 Oct 2019 04:58
Operator : JU
Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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	3.610	101	106	113	rBV	1031872	1290895	12.46%	0.575%
2	3.828	139	143	154	rVV	581427	840546	8.12%	0.374%
3	4.004	167	173	187	rBV	6344151	9130610	88.16%	4.066%
4	4.269	212	218	224	rVV	384071	506027	4.89%	0.225%
5	4.898	318	325	338	rVV	287490	529647	5.11%	0.236%
6	5.322	391	397	405	rVV	1810730	2630619	25.40%	1.171%
7	5.457	413	420	429	rVV	5204744	10356825	100.00%	4.612%
8	5.822	475	482	494	rVB	4454752	6728505	64.97%	2.996%
9	6.787	638	646	652	rBV	465160	853713	8.24%	0.380%
10	6.898	659	665	670	rBV	2167388	3137888	30.30%	1.397%
11	6.957	670	675	679	rVV3	1347913	2367257	22.86%	1.054%
12	6.998	679	682	684	rVV	1023158	1413853	13.65%	0.630%
13	7.034	684	688	693	rVB	1459688	2193325	21.18%	0.977%
14	7.134	699	705	711	rBV	928253	1431282	13.82%	0.637%
15	7.198	711	716	721	rVV	1127956	1655637	15.99%	0.737%
16	7.263	721	727	733	rVB3	872120	1425964	13.77%	0.635%
17	7.334	733	739	750	rVB	1128792	1933882	18.67%	0.861%
18	7.457	751	760	767	rVB	5175163	8045686	77.68%	3.583%
19	7.804	810	819	823	rBV	1152041	2025558	19.56%	0.902%
20	7.875	823	831	834	rVV	1499443	2459068	23.74%	1.095%
21	7.922	834	839	843	rVV	2275974	3757048	36.28%	1.673%
22	7.957	843	845	855	rVB4	516897	1029922	9.94%	0.459%
23	8.092	863	868	874	rBV2	222475	454275	4.39%	0.202%
24	8.175	874	882	889	rVB2	1229136	2594483	25.05%	1.155%
25	8.245	889	894	898	rVB	639688	964484	9.31%	0.429%
26	8.351	906	912	917	rVB2	383309	664852	6.42%	0.296%
27	8.445	917	928	933	rBV	751668	1307996	12.63%	0.582%
28	8.504	933	938	943	rBV	921549	1505426	14.54%	0.670%
29	8.575	943	950	955	rBV	1799296	3206018	30.96%	1.428%
30	8.757	975	981	985	rVV	401018	672873	6.50%	0.300%
31	8.810	985	990	995	rVV	381455	584328	5.64%	0.260%
32	8.910	998	1007	1011	rBV	865808	1525537	14.73%	0.679%
33	8.957	1011	1015	1018	rVV	1122390	1831509	17.68%	0.816%
34	8.986	1018	1020	1027	rVV2	525686	800133	7.73%	0.356%

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

35	9.122	1035	1043	1048	rBV	190005	439377	4.24%	0.196%
36	9.239	1055	1063	1069	rVB3	515866	1039496	10.04%	0.463%
37	9.375	1078	1086	1090	rBV	308040	576939	5.57%	0.257%
38	9.433	1090	1096	1101	rVV2	695264	1198934	11.58%	0.534%
39	9.492	1101	1106	1111	rVV	715168	1226293	11.84%	0.546%
40	9.557	1112	1117	1124	rVB2	272695	622207	6.01%	0.277%
41	9.675	1129	1137	1144	rBV	999694	1794834	17.33%	0.799%
42	9.775	1144	1154	1157	rBV	2219188	3758197	36.29%	1.674%
43	9.804	1157	1159	1163	rVV2	925062	1086567	10.49%	0.484%
44	9.845	1163	1166	1177	rVB	539726	891205	8.61%	0.397%
45	10.016	1177	1195	1202	rBV6	1650985	8060455	77.83%	3.589%
46	10.080	1202	1206	1214	rVB	1611379	2511828	24.25%	1.119%
47	10.222	1222	1230	1238	rVB3	2059811	4326033	41.77%	1.926%
48	10.298	1238	1243	1251	rBV2	284006	496805	4.80%	0.221%
49	10.463	1265	1271	1277	rBV	915027	1663194	16.06%	0.741%
50	10.592	1284	1293	1297	rBV	1691059	3056861	29.52%	1.361%
51	10.645	1297	1302	1310	rVB	5191727	9094433	87.81%	4.050%
52	10.727	1310	1316	1320	rBV	1131107	2114986	20.42%	0.942%
53	10.945	1348	1353	1360	rVB	1349576	2266973	21.89%	1.009%
54	11.133	1378	1385	1390	rBV	504369	827485	7.99%	0.368%
55	11.210	1393	1398	1402	rVV	325288	505942	4.89%	0.225%
56	11.422	1426	1434	1445	rBV3	1438688	3693670	35.66%	1.645%
57	11.616	1459	1467	1472	rVV4	445655	960966	9.28%	0.428%
58	11.704	1472	1482	1489	rVB5	537863	1525977	14.73%	0.680%
59	11.933	1514	1521	1527	rBV	499884	1029974	9.94%	0.459%
60	12.198	1562	1566	1570	rVV5	320817	729936	7.05%	0.325%
61	12.257	1570	1576	1581	rVV	2643206	4237561	40.92%	1.887%
62	12.398	1591	1600	1606	rBV5	214826	622229	6.01%	0.277%
63	12.474	1607	1613	1619	rVB	1533271	2370657	22.89%	1.056%
64	12.786	1653	1666	1671	rBV2	1812581	4366234	42.16%	1.944%
65	12.974	1693	1698	1704	rVB4	296238	543105	5.24%	0.242%
66	13.221	1736	1740	1745	rBV3	275518	456650	4.41%	0.203%
67	13.280	1745	1750	1759	rVB	899057	1558320	15.05%	0.694%
68	13.357	1759	1763	1768	rBV	399838	660161	6.37%	0.294%
69	13.498	1783	1787	1797	rVB8	381951	689758	6.66%	0.307%
70	13.586	1797	1802	1805	rBV3	320420	576032	5.56%	0.257%
71	13.757	1825	1831	1836	rVV3	303823	619949	5.99%	0.276%

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Integrator: RTE
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Title : SVOA CALIBRATION

72	13.851	1842	1847	1851	rVV	2808442	3960326	38.24%	1.764%
73	13.898	1851	1855	1865	rVB	1390173	2194442	21.19%	0.977%
74	13.986	1866	1870	1874	rBV4	243797	476558	4.60%	0.212%
75	14.086	1882	1887	1889	rBV3	304390	463704	4.48%	0.206%
76	14.133	1889	1895	1905	rVB	3524732	5796033	55.96%	2.581%
77	14.439	1942	1947	1953	rVB	2652782	3763046	36.33%	1.676%
78	14.639	1973	1981	1985	rVV3	377920	861941	8.32%	0.384%
79	14.686	1986	1989	1999	rVB2	455823	982154	9.48%	0.437%
80	14.910	2019	2027	2036	rVB	2968468	5076094	49.01%	2.260%
81	15.045	2047	2050	2058	rVB3	268556	583043	5.63%	0.260%
82	15.192	2071	2075	2078	rBV	637130	917960	8.86%	0.409%
83	15.233	2078	2082	2086	rVB	542969	660470	6.38%	0.294%
84	15.321	2093	2097	2103	rBV	273891	492276	4.75%	0.219%
85	15.433	2110	2116	2121	rVB2	4215063	6194279	59.81%	2.758%
86	15.545	2131	2135	2140	rVB	1319281	1675113	16.17%	0.746%
87	15.786	2171	2176	2181	rVB5	352815	606436	5.86%	0.270%
88	16.515	2297	2300	2305	rBV	428853	657173	6.35%	0.293%
89	16.609	2312	2316	2322	rBV	485661	629756	6.08%	0.280%
90	17.174	2407	2412	2417	rBV2	2706556	3959888	38.23%	1.763%
91	17.274	2424	2429	2436	rBV	4132598	5962385	57.57%	2.655%
92	18.086	2563	2567	2572	rBV	1525254	1844263	17.81%	0.821%
93	18.862	2695	2699	2704	rVB	434269	551700	5.33%	0.246%
94	19.356	2779	2783	2791	rVB2	643226	934253	9.02%	0.416%
95	19.568	2813	2819	2824	rBV	4389353	5997739	57.91%	2.671%
96	20.303	2940	2944	2948	rBV	695586	921492	8.90%	0.410%
97	21.050	3067	3071	3086	rVB2	1576290	3101374	29.95%	1.381%
98	21.356	3118	3123	3128	rBV	2438780	3092672	29.86%	1.377%
99	23.474	3477	3483	3496	rVB	2582019	5157020	49.79%	2.296%
100	23.621	3502	3508	3518	rVB	1578022	3001003	28.98%	1.336%

Sum of corrected areas: 224570487

LSC Report - Integrated Chromatogram

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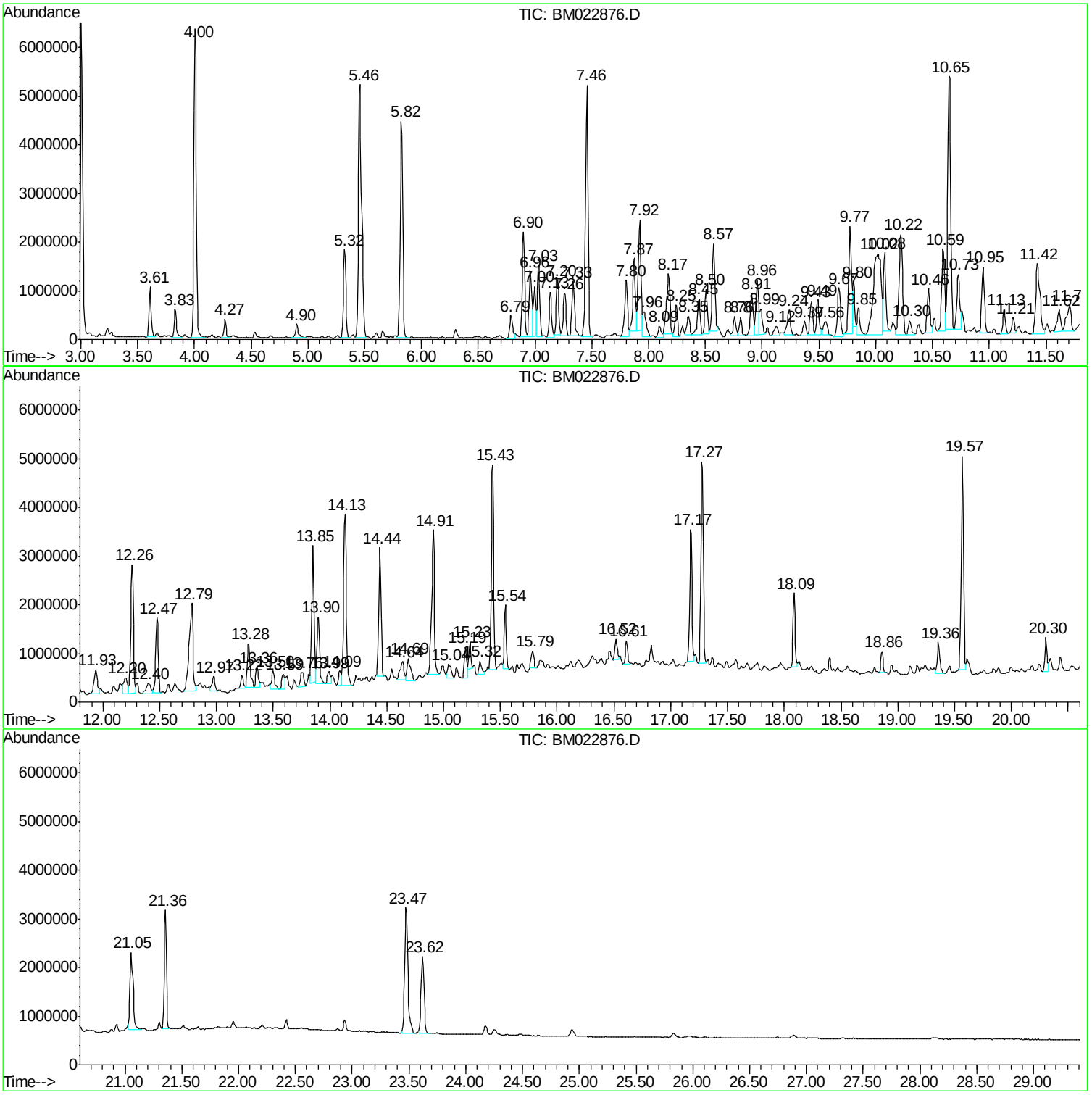
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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

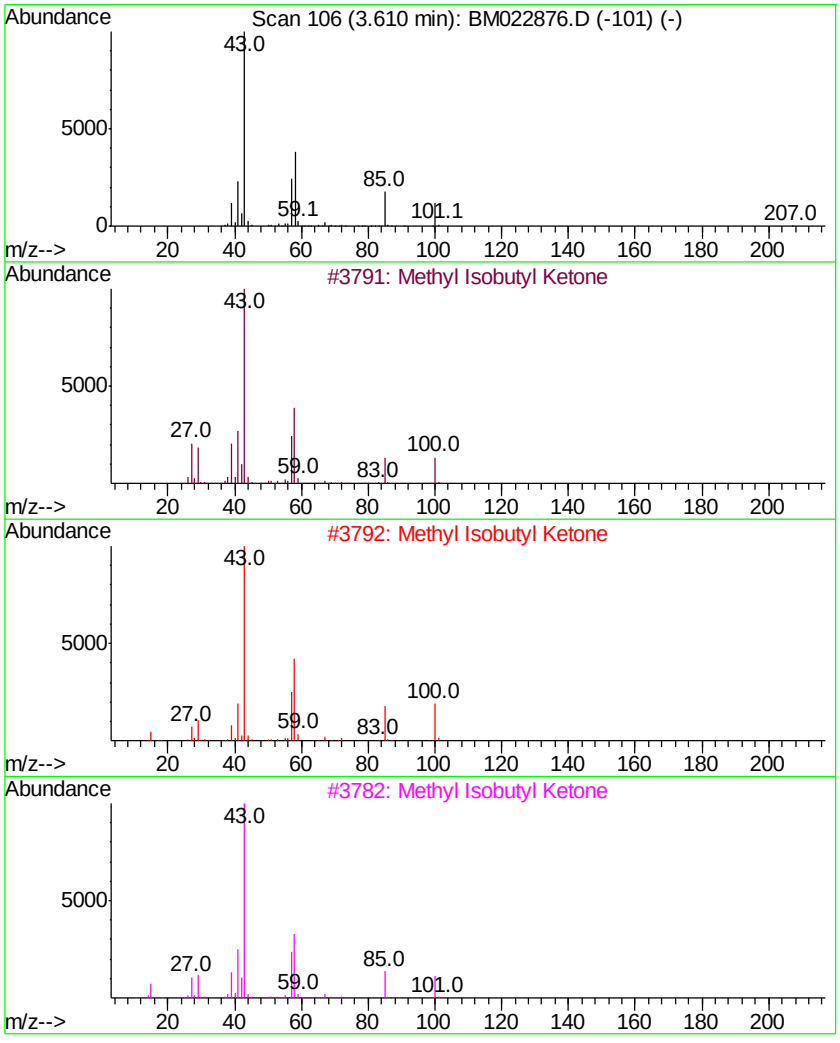
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

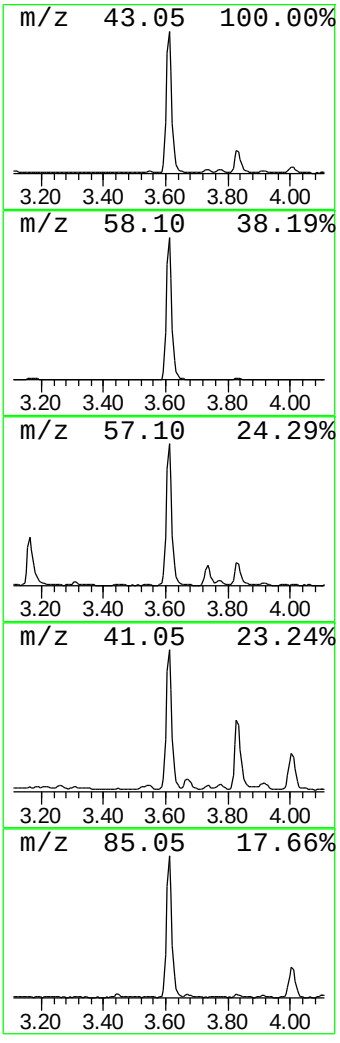
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	12.75 ng/ul	1290900	1,4-Dichlorobenzene-d4	7.80

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	86
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
4	2-Hexanone	100	C6H12O	000591-78-6	78
5	2-Hexanone	100	C6H12O	000591-78-6	78





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Instrument : BNA_M
ClientSampleId : BFDH0

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

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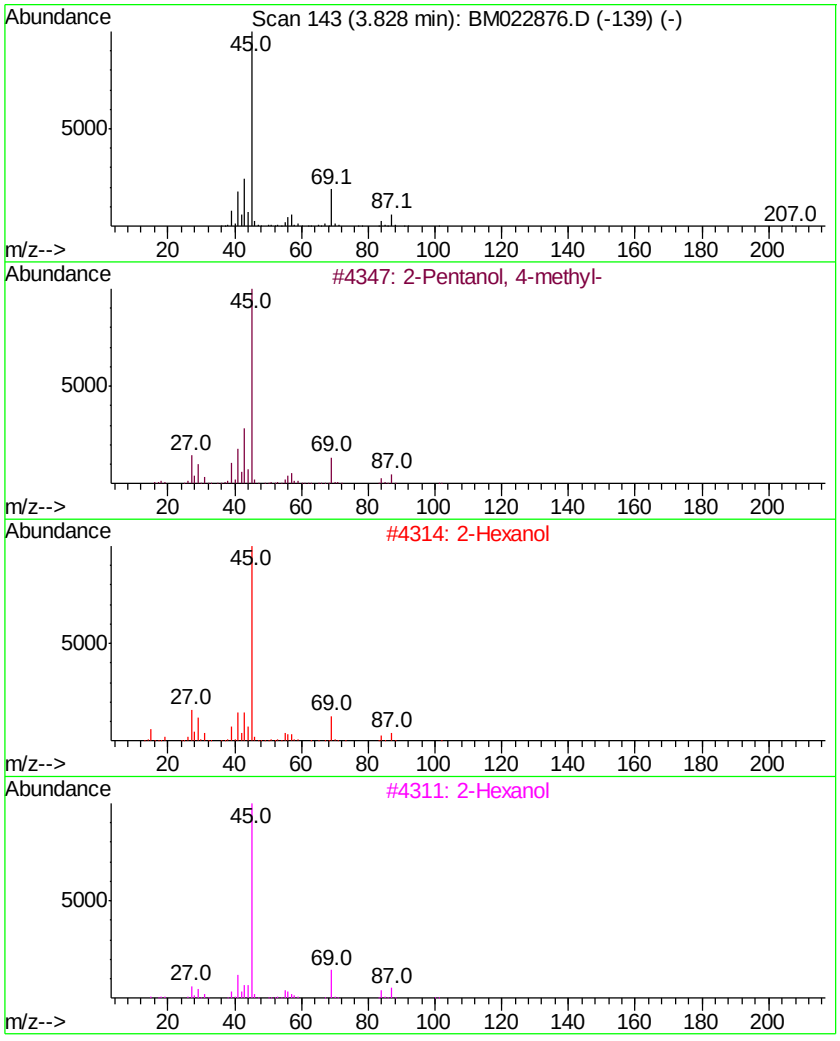
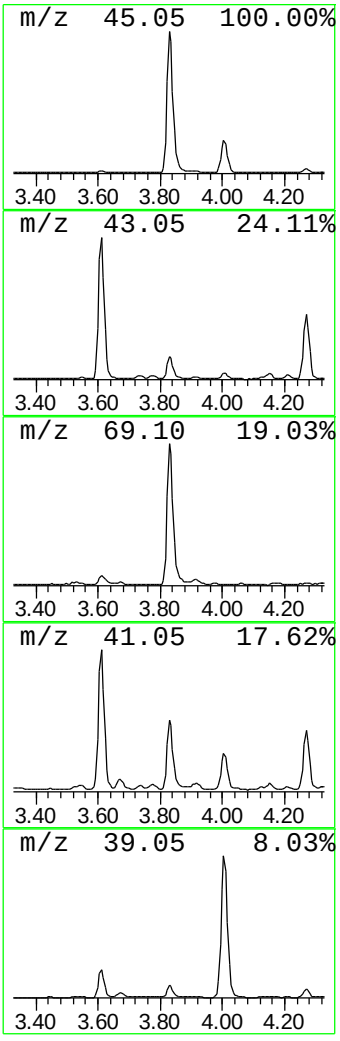
****

Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	8.30 ng/ul	840546	1,4-Dichlorobenzene-d4	7.80

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-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
5	2-Hexanol	102	C6H14O	000626-93-7	64





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Quant Title : SVOA CALIBRATION

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

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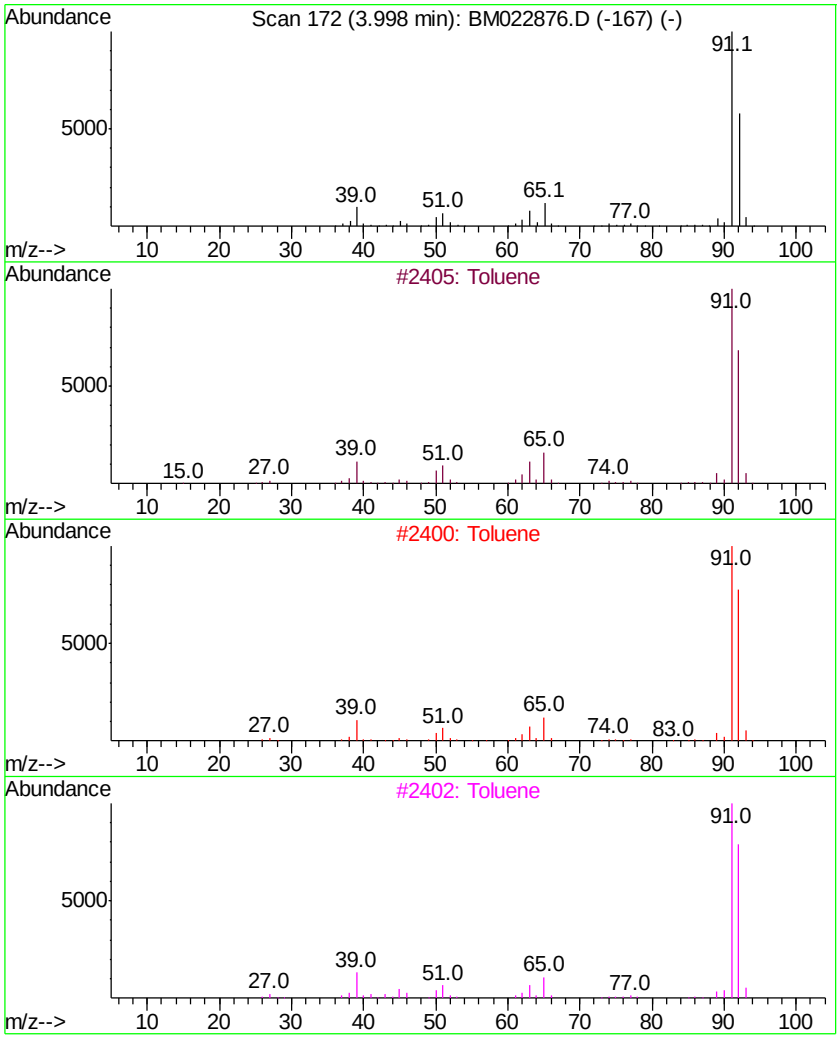
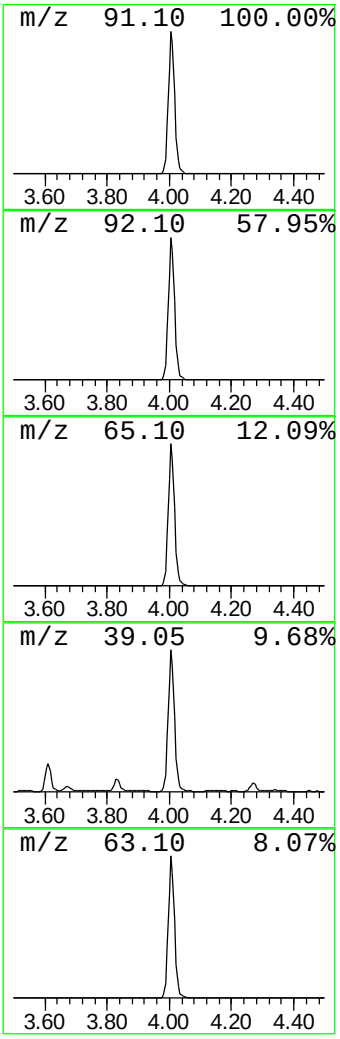
Peak Number 3 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	90.15 ng/ul	9130610	1,4-Dichlorobenzene-d4	7.80

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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Quant Title : SVOA CALIBRATION

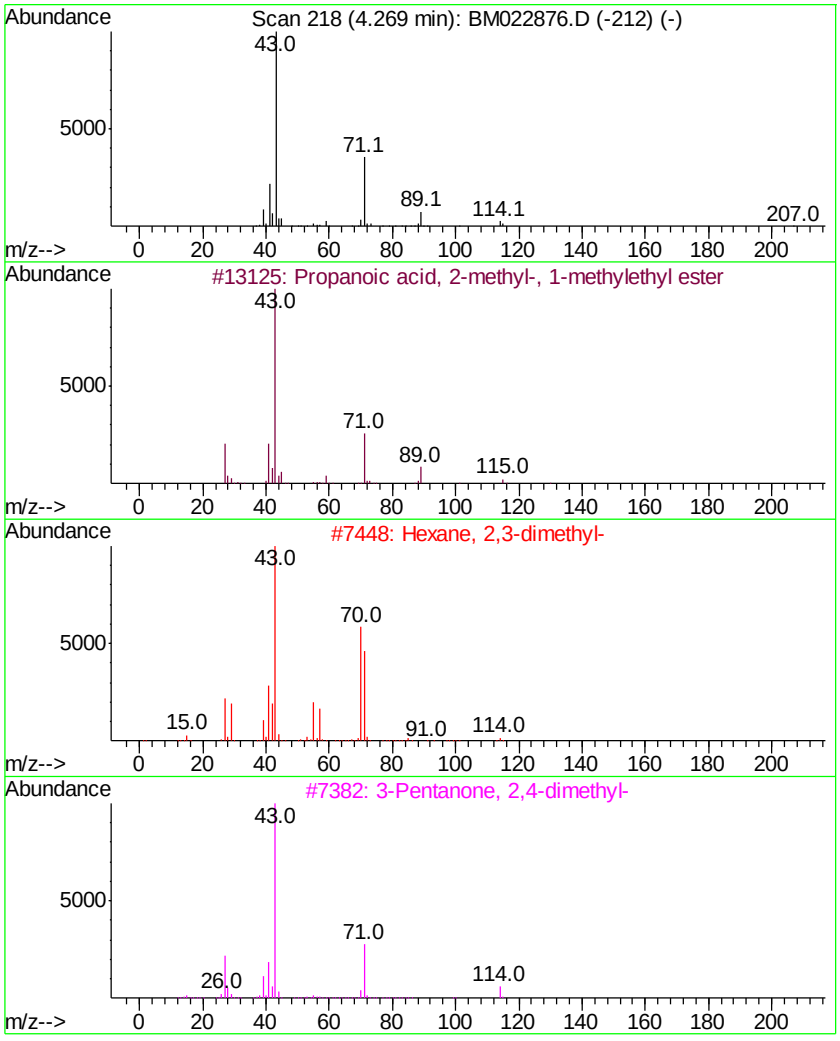
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

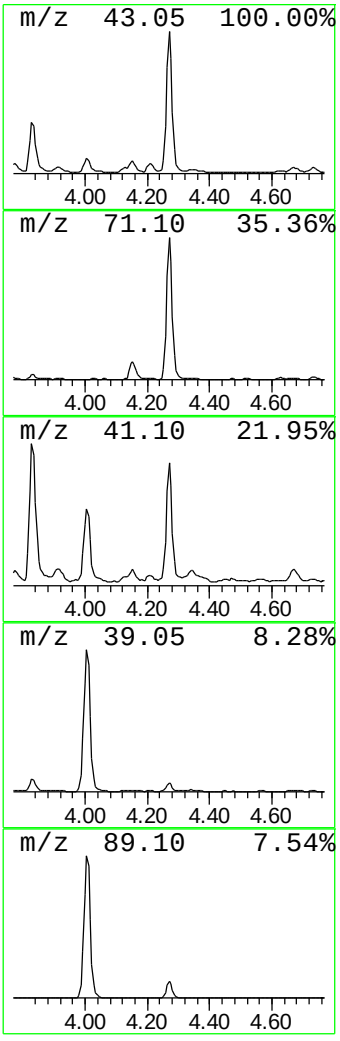
****

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	5.00 ng/ul	506027	1,4-Dichlorobenzene-d4	7.80

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	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	42
4	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	40
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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

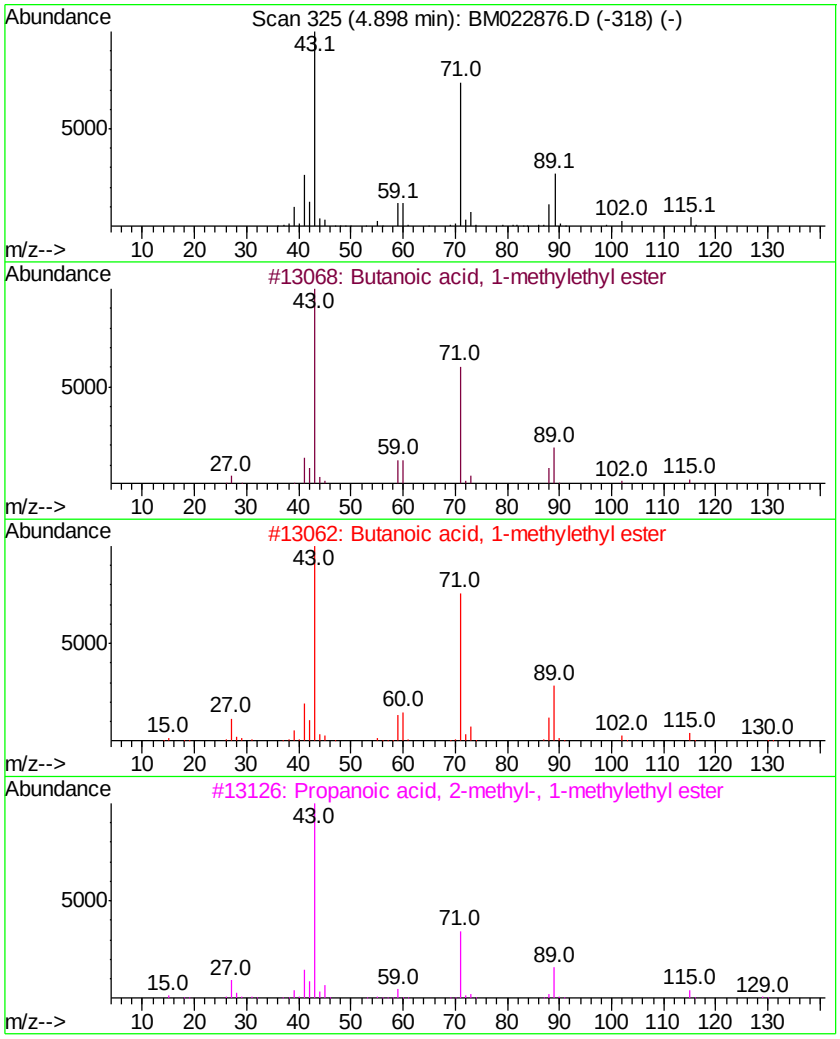
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

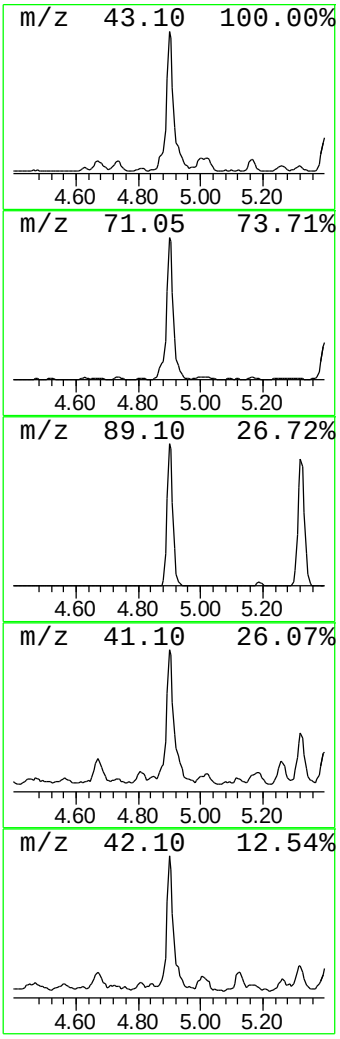
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	5.23 ng/ul	529647	1,4-Dichlorobenzene-d4	7.80

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	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
4	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56





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Operator : JU
Sample : K4932-08
Misc :
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Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

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

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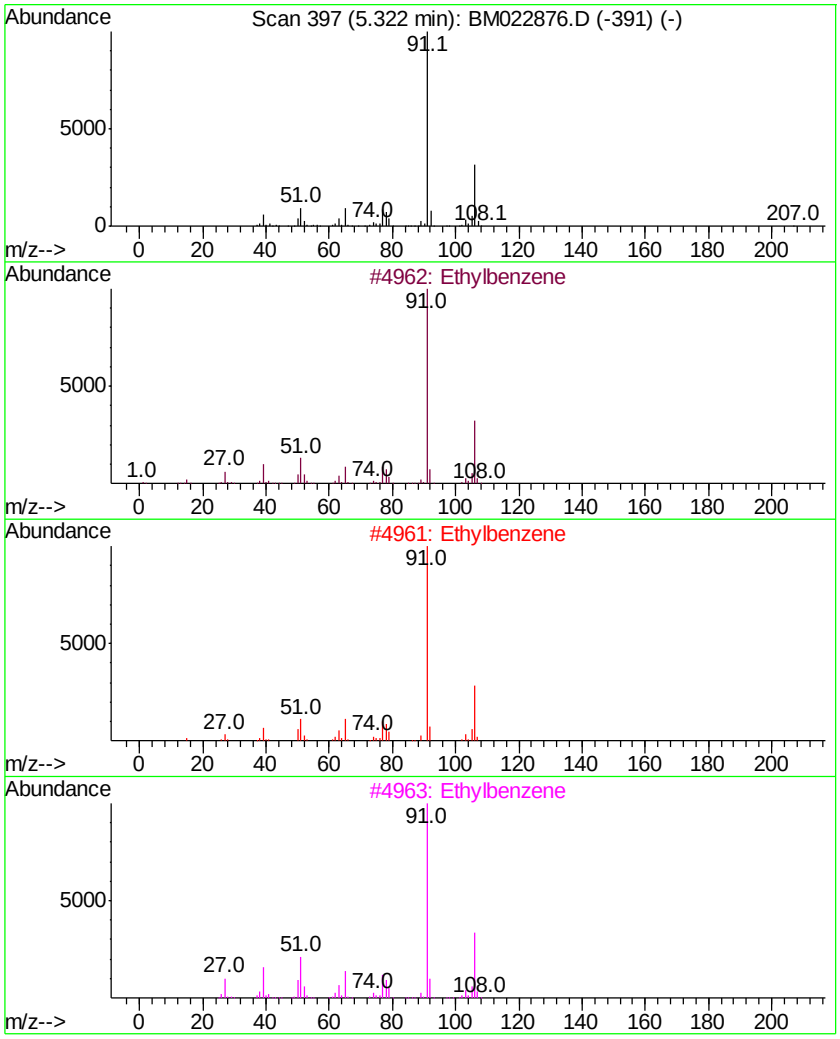
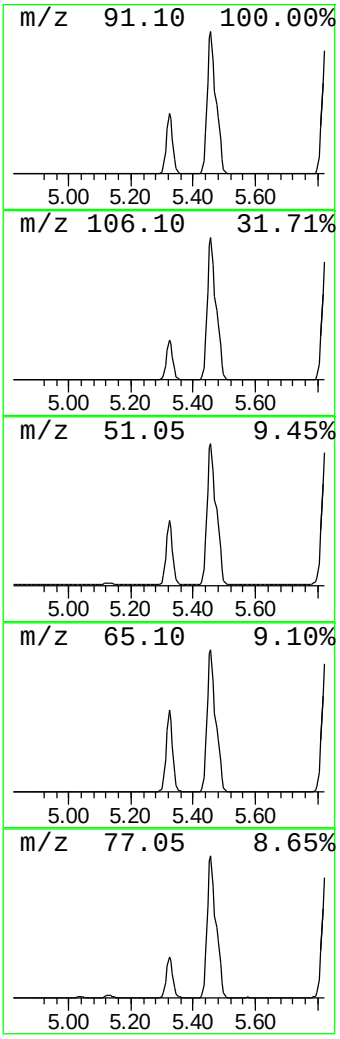
Peak Number 6 Ethylbenzene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	25.97 ng/ul	2630620	1,4-Dichlorobenzene-d4	7.80

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	90
5	o-Xylene	106	C8H10	000095-47-6	64





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Quant Title : SVOA CALIBRATION

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

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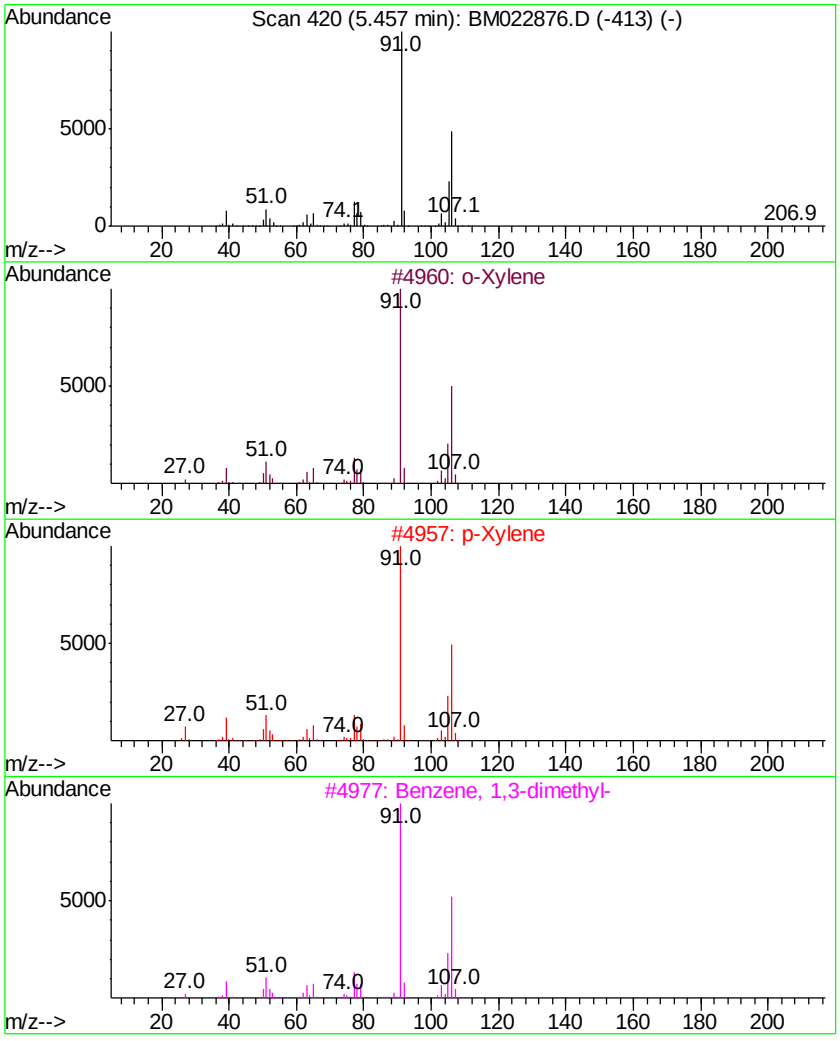
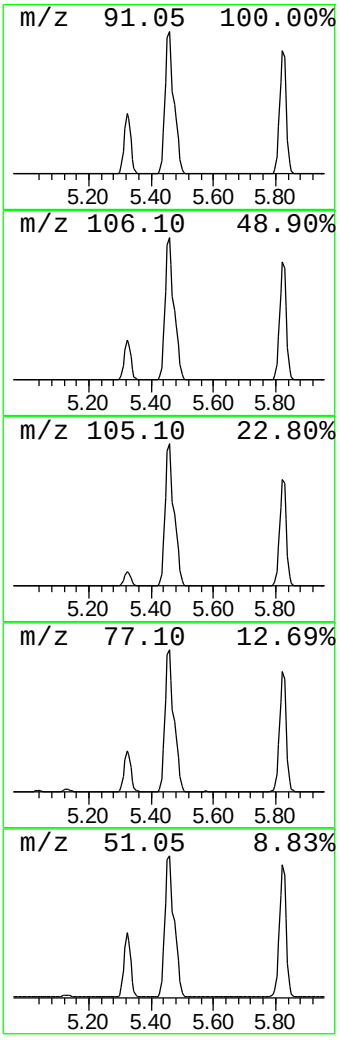
Peak Number 7 o-Xylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	102.26 ng/ul	10356800	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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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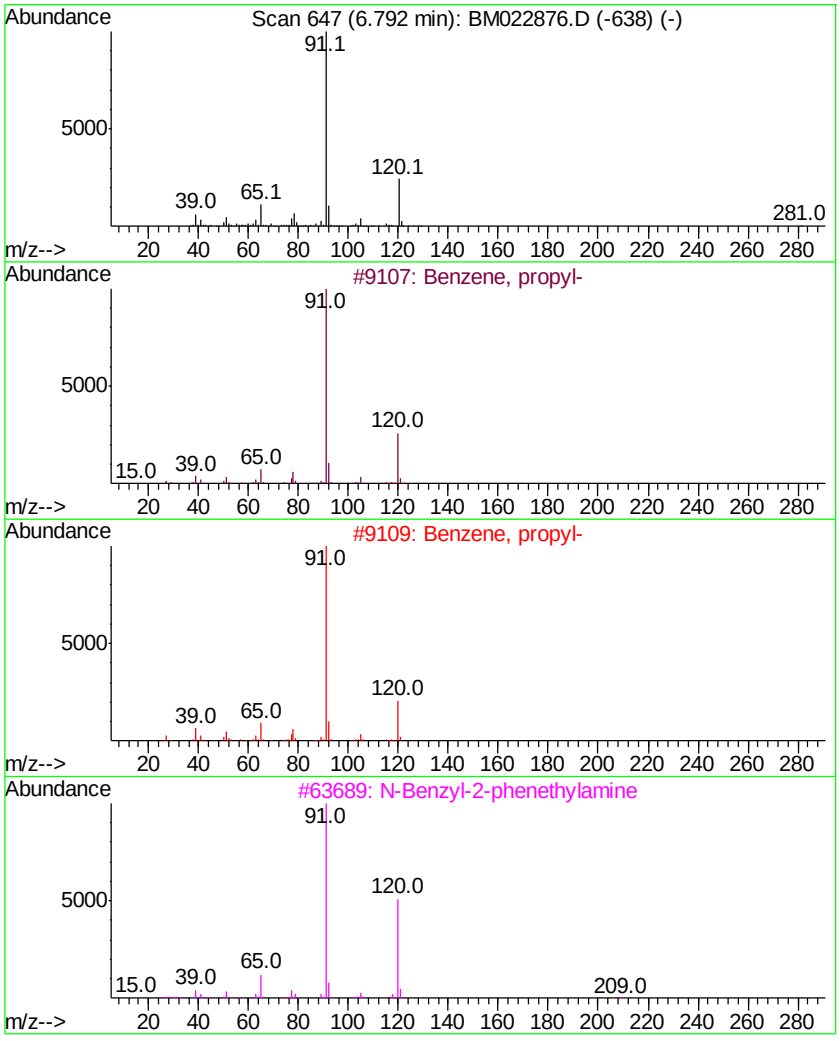
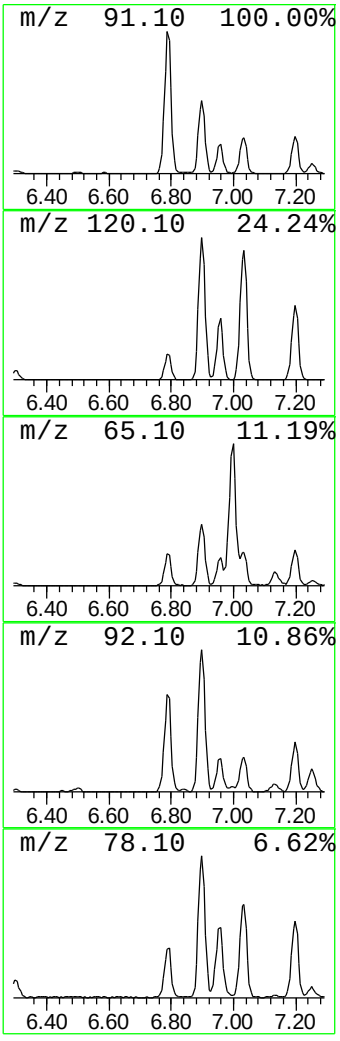
Peak Number 9 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	8.43 ng/ul	853713	1,4-Dichlorobenzene-d4	7.80

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	90
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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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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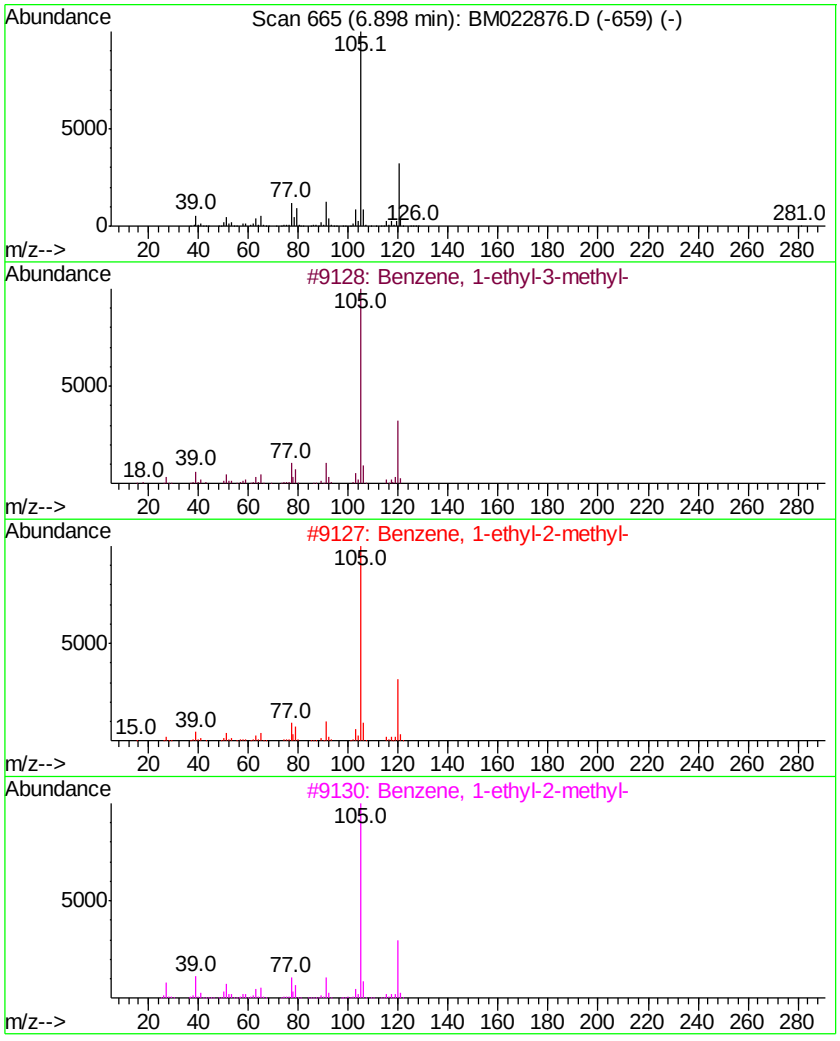
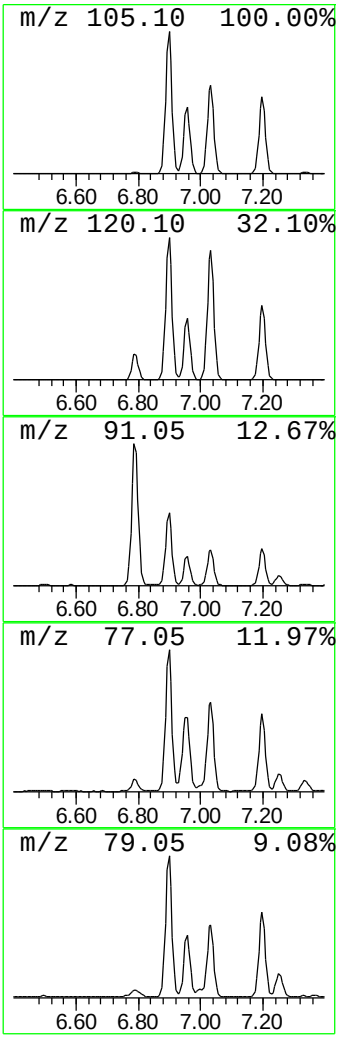
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	30.98 ng/ul	3137890	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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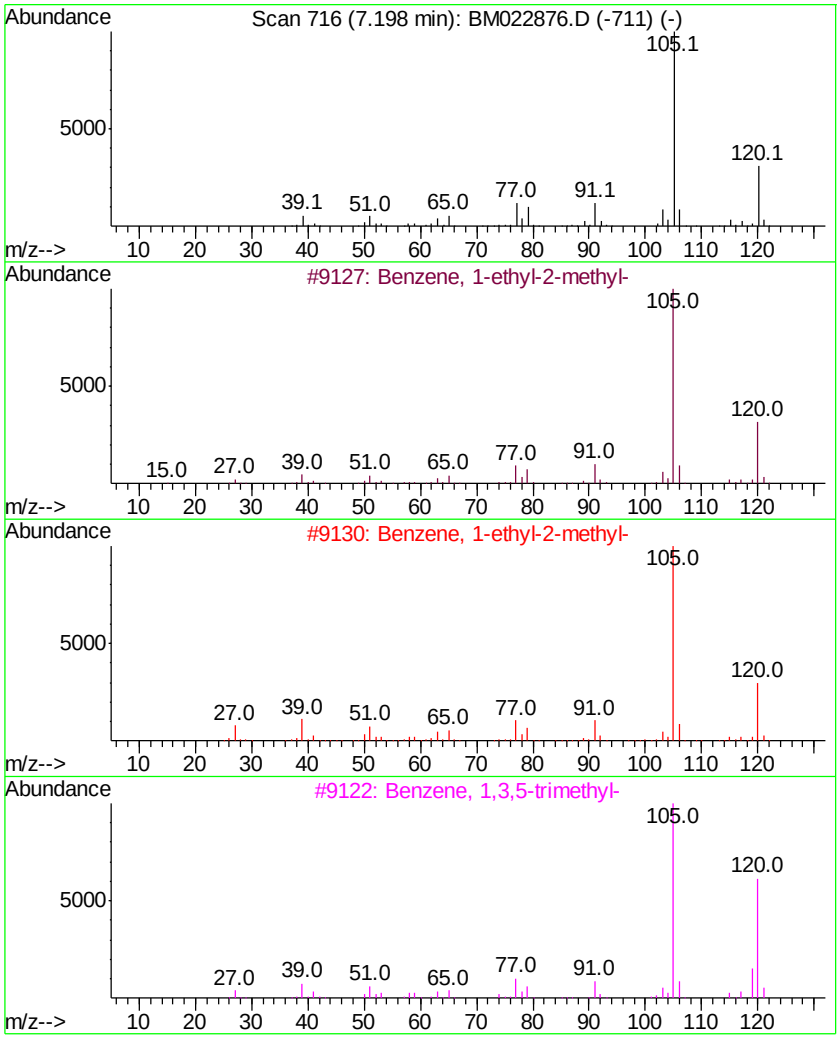
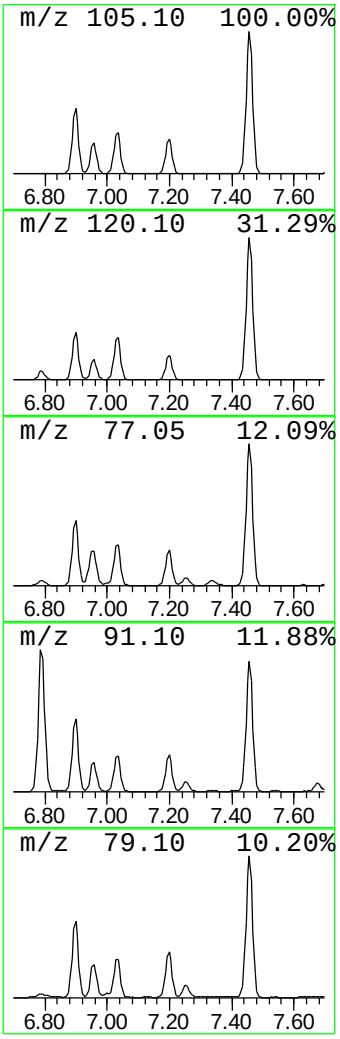
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	16.35 ng/ul	1655640	1,4-Dichlorobenzene-d4	7.80

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





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

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

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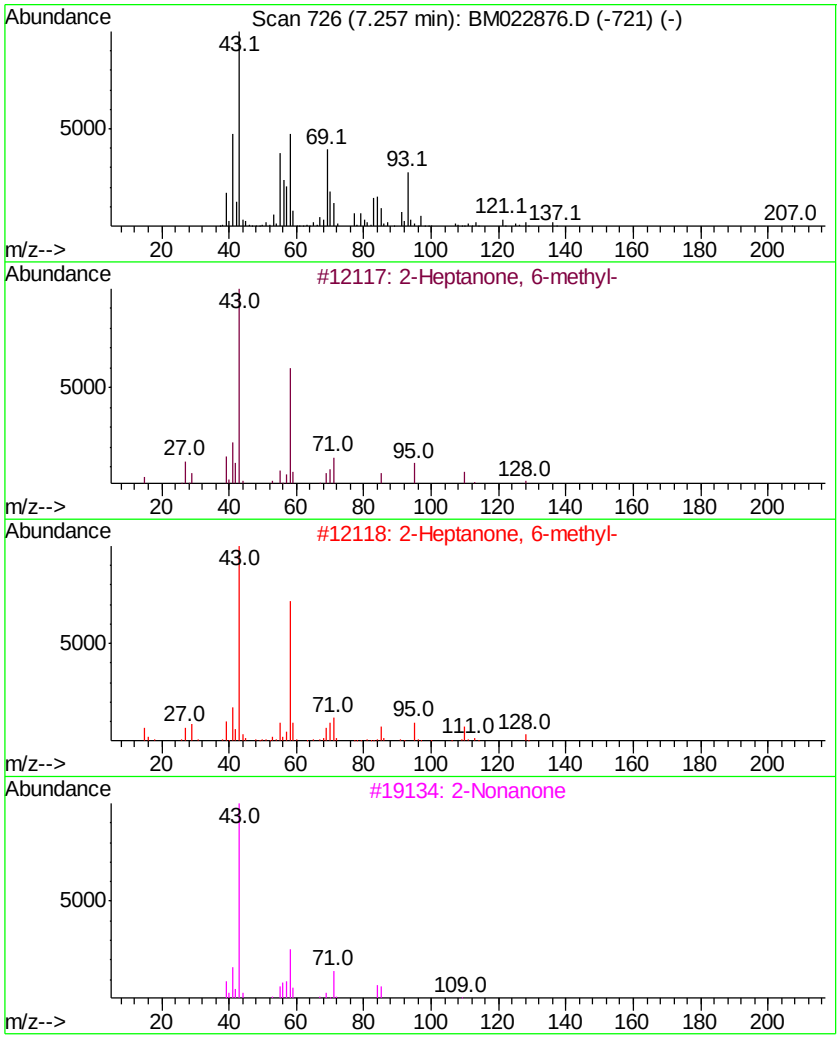
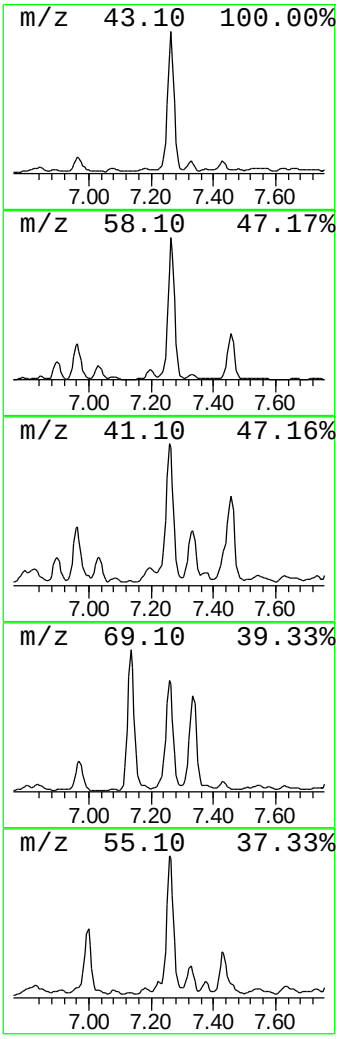
Peak Number 12 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	14.08 ng/ul	1425960	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	46
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	46
3	2-Nonanone	142	C9H18O	000821-55-6	43
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	43
5	2-Octanone	128	C8H16O	000111-13-7	38





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Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

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

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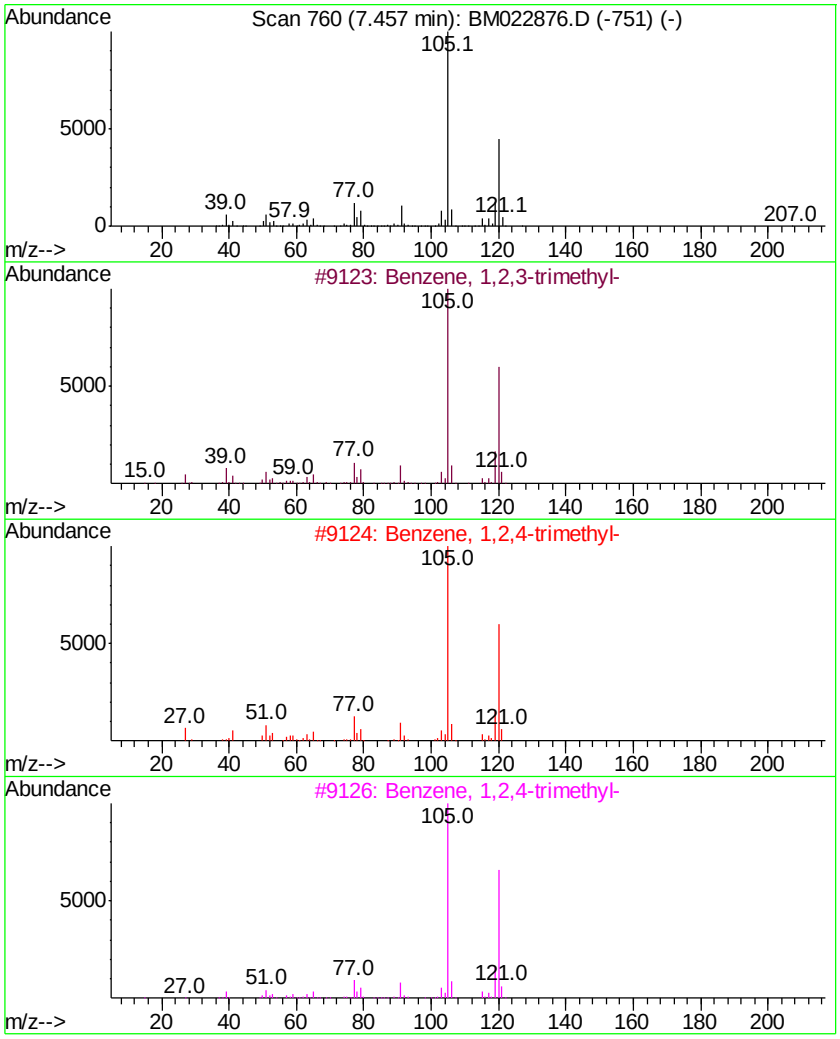
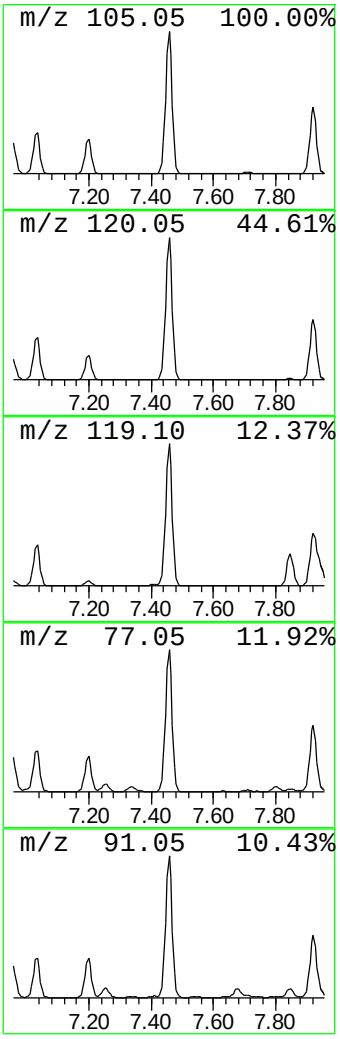
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	79.44 ng/ul	8045690	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

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

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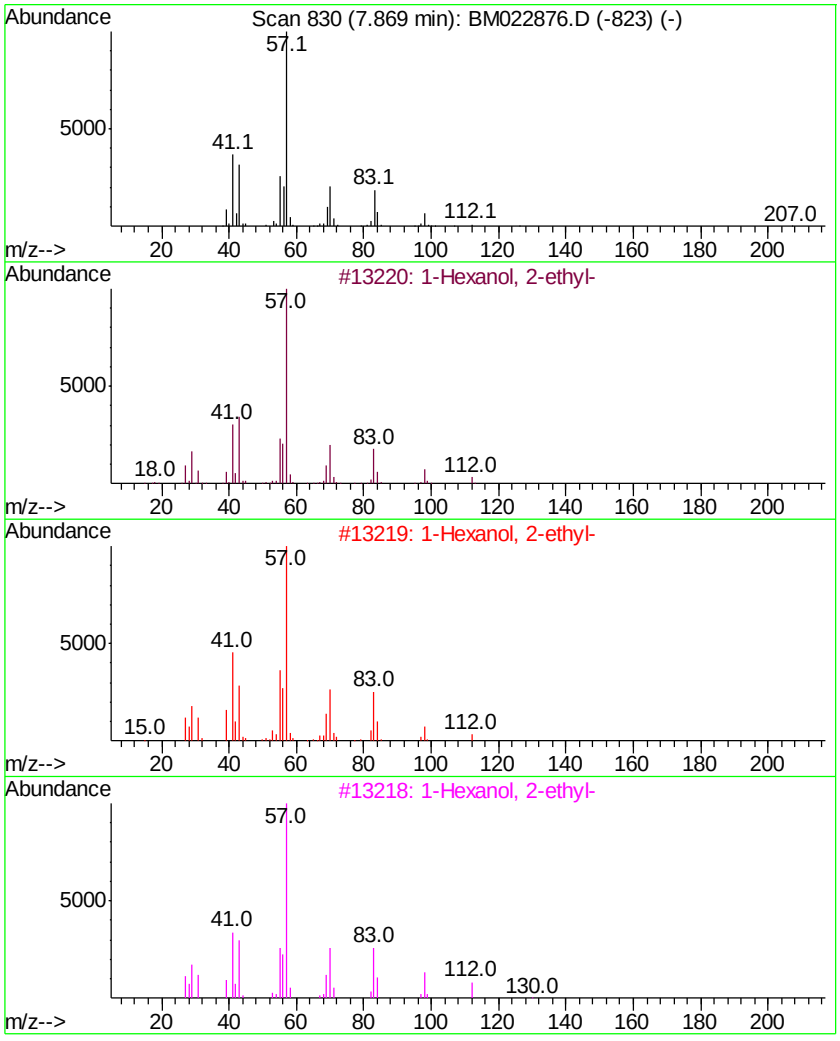
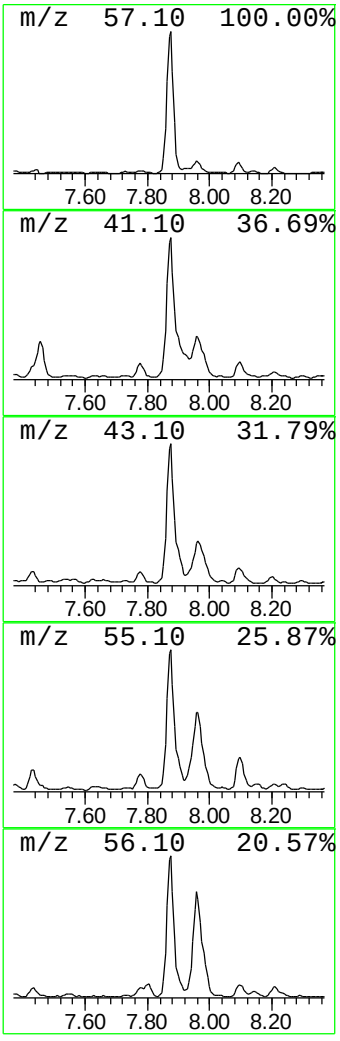
Peak Number 14 1-Hexanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	24.28 ng/ul	2459070	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53





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Quant Title : SVOA CALIBRATION

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

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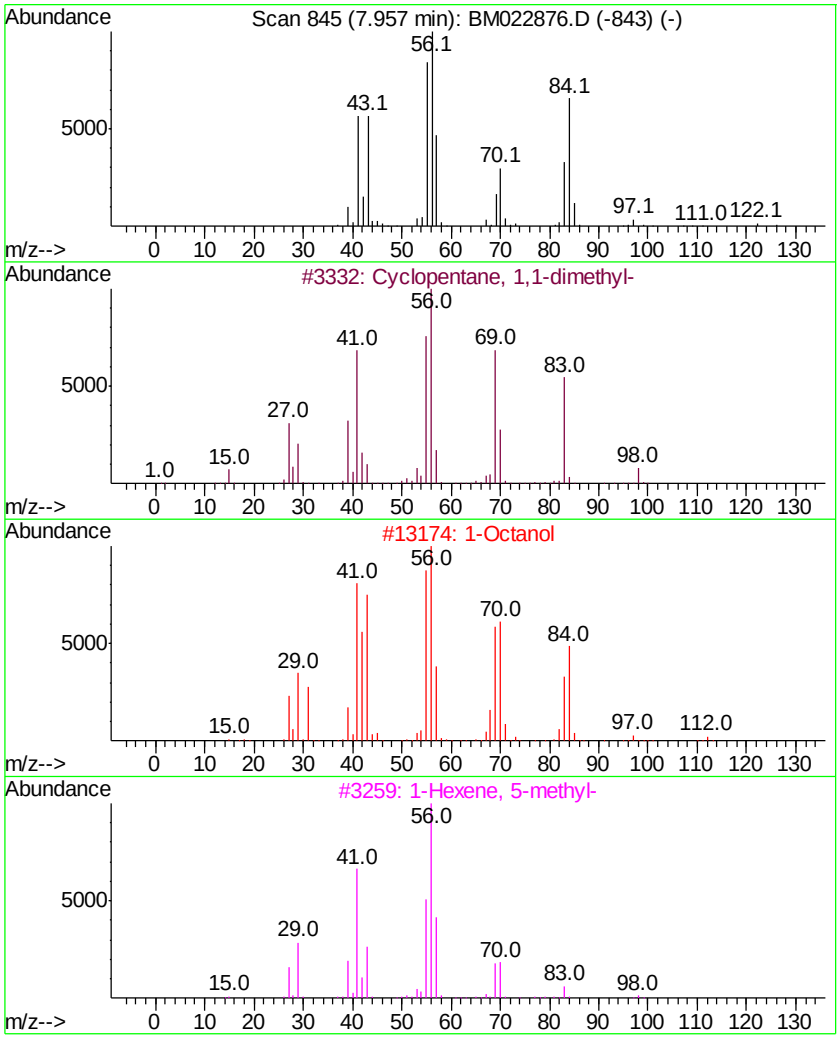
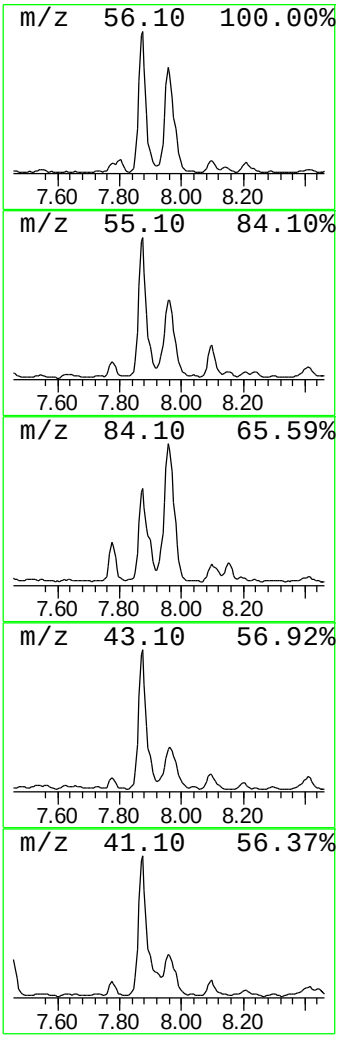
Peak Number 16 (DEL) Alkane: Cyclic7.96 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	10.17 ng/ul	1029920	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	53
2	1-Octanol	130	C8H18O	000111-87-5	50
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47
4	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	43
5	Cyclohexane	84	C6H12	000110-82-7	42





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Quant Title : SVOA CALIBRATION

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

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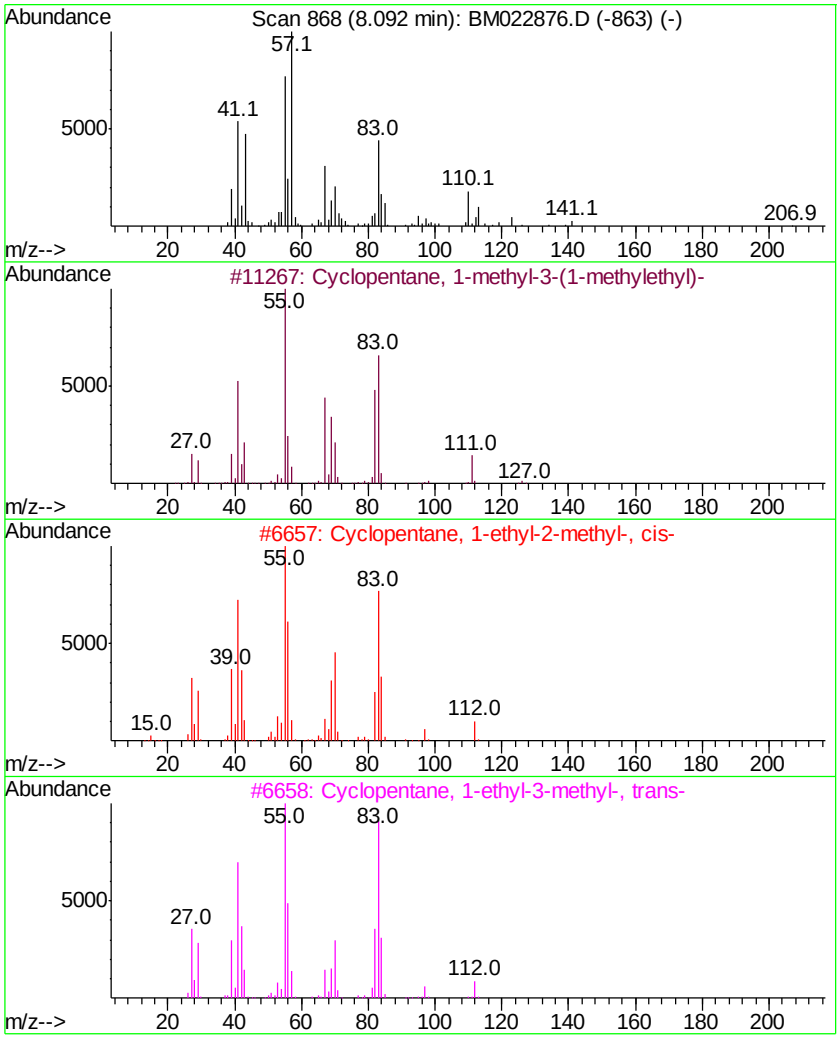
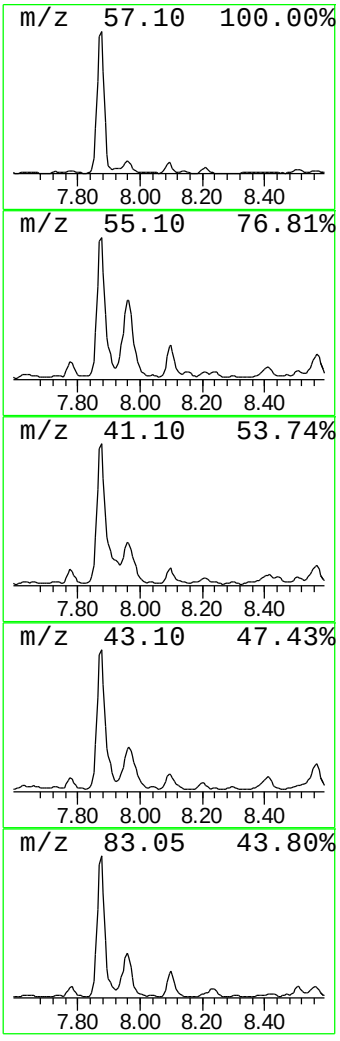
Peak Number 17 (DEL) Alkane: Cyclic8.09 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	4.49 ng/ul	454275	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	50
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	47
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	47
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43





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Quant Title : SVOA CALIBRATION

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

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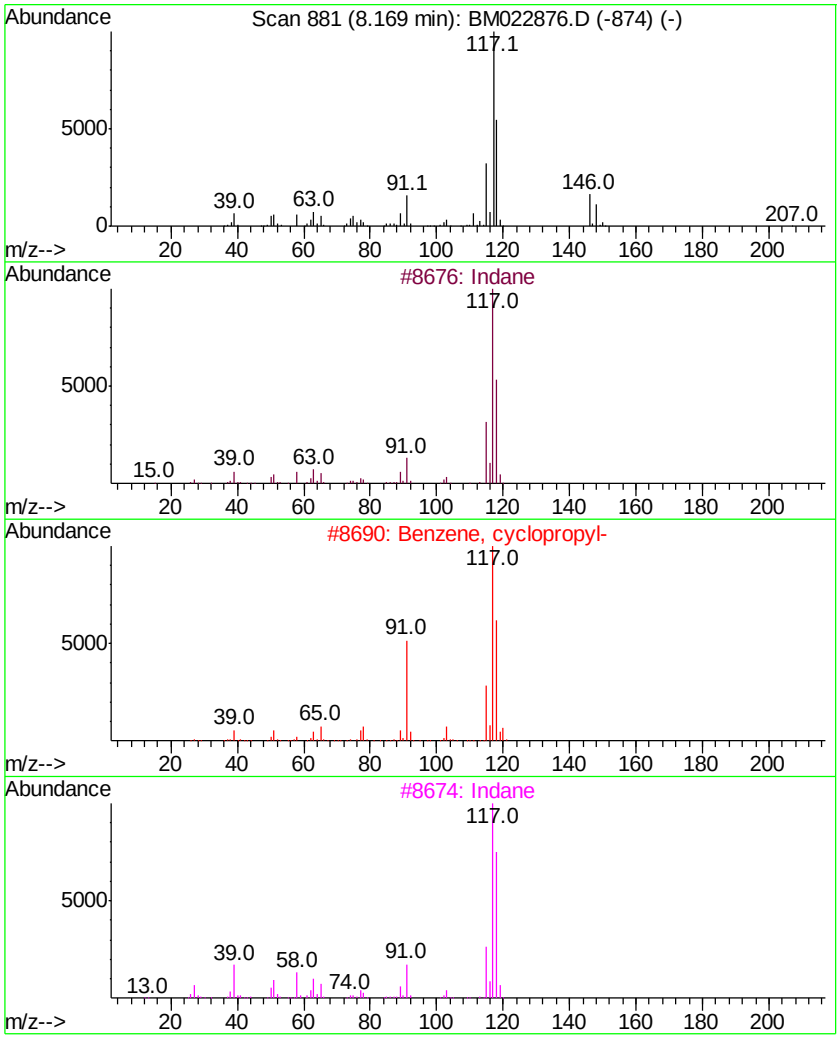
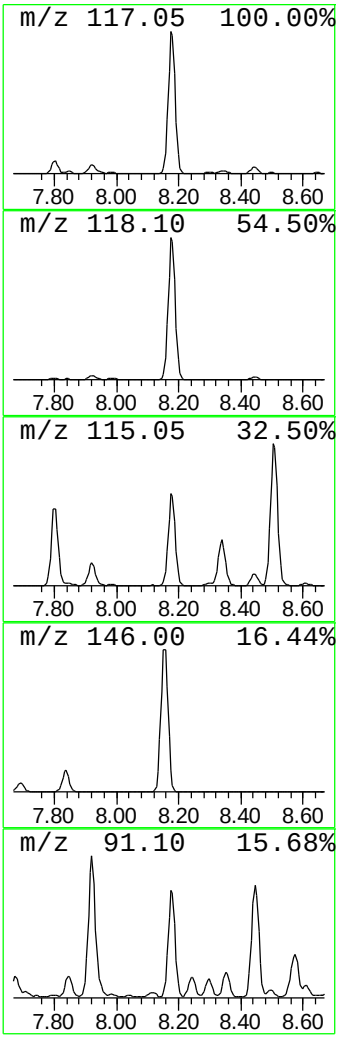
Peak Number 18 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	25.62 ng/ul	2594480	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Indane	118	C9H10	000496-11-7	60
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53





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Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

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

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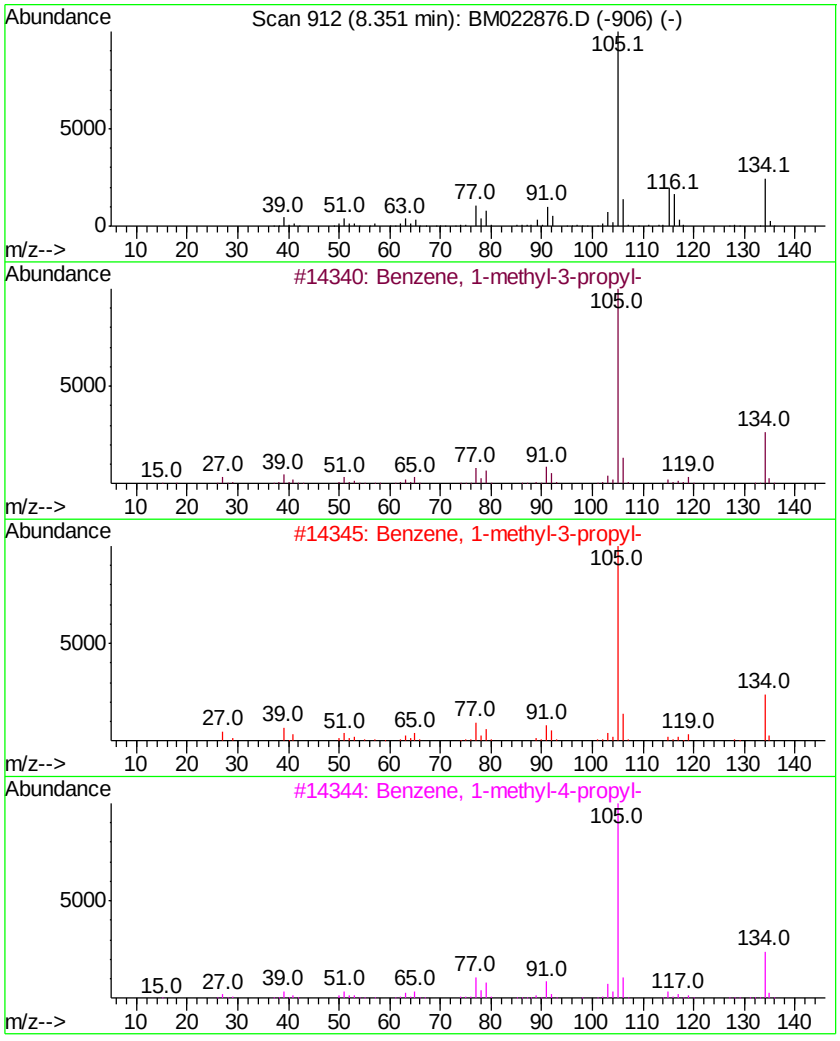
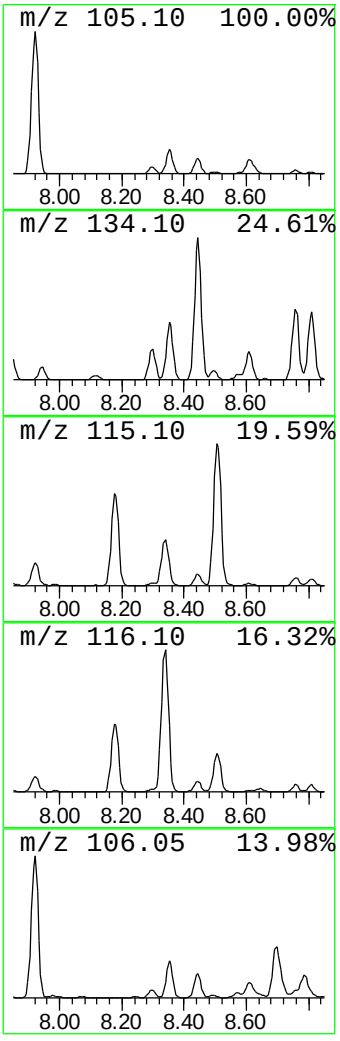
Peak Number 19 Benzene, 1-methyl-3-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	6.56 ng/ul	664852	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	68
5	2-Indanol	134	C9H10O	004254-29-9	59





Library Search Compound Report

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Data File : BM022876.D
Acq On : 02 Oct 2019 04:58
Operator : JU
Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

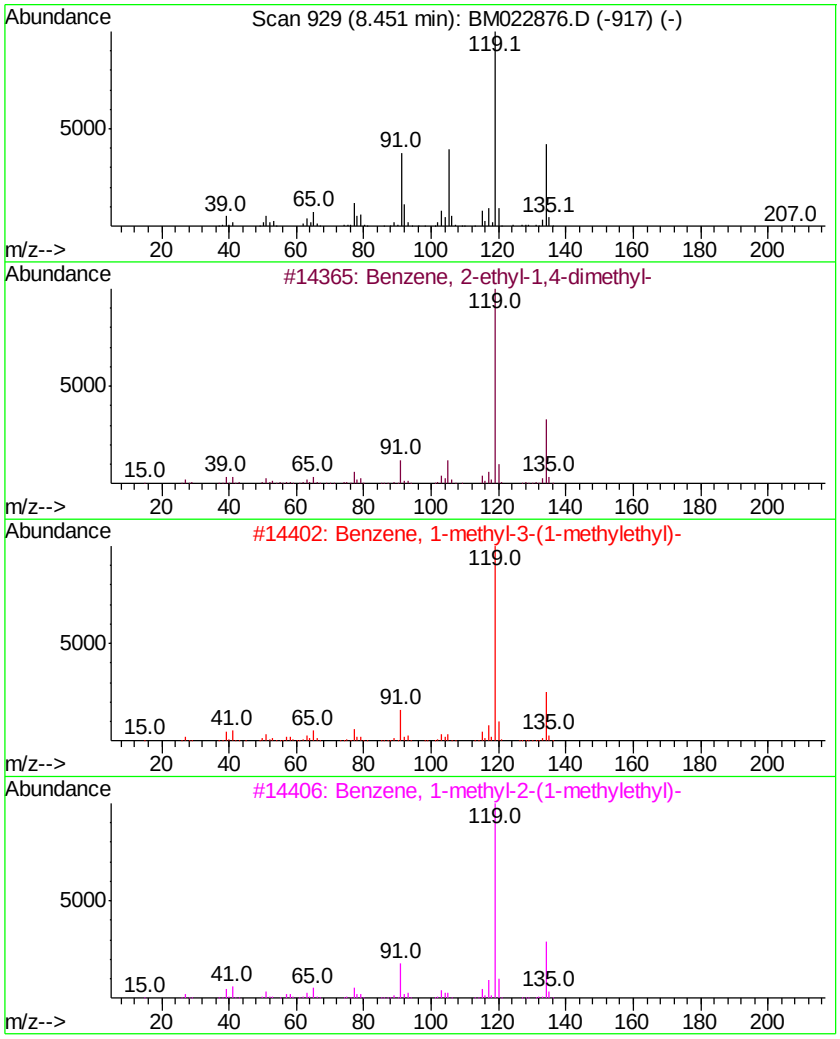
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

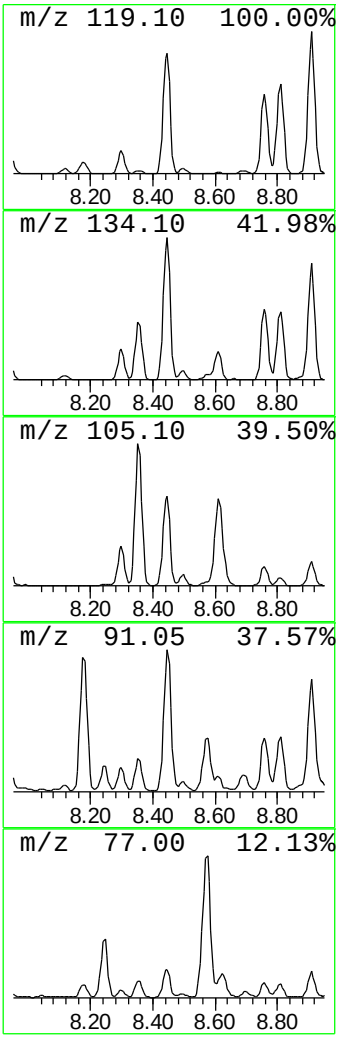
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	12.91 ng/ul	1308000	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

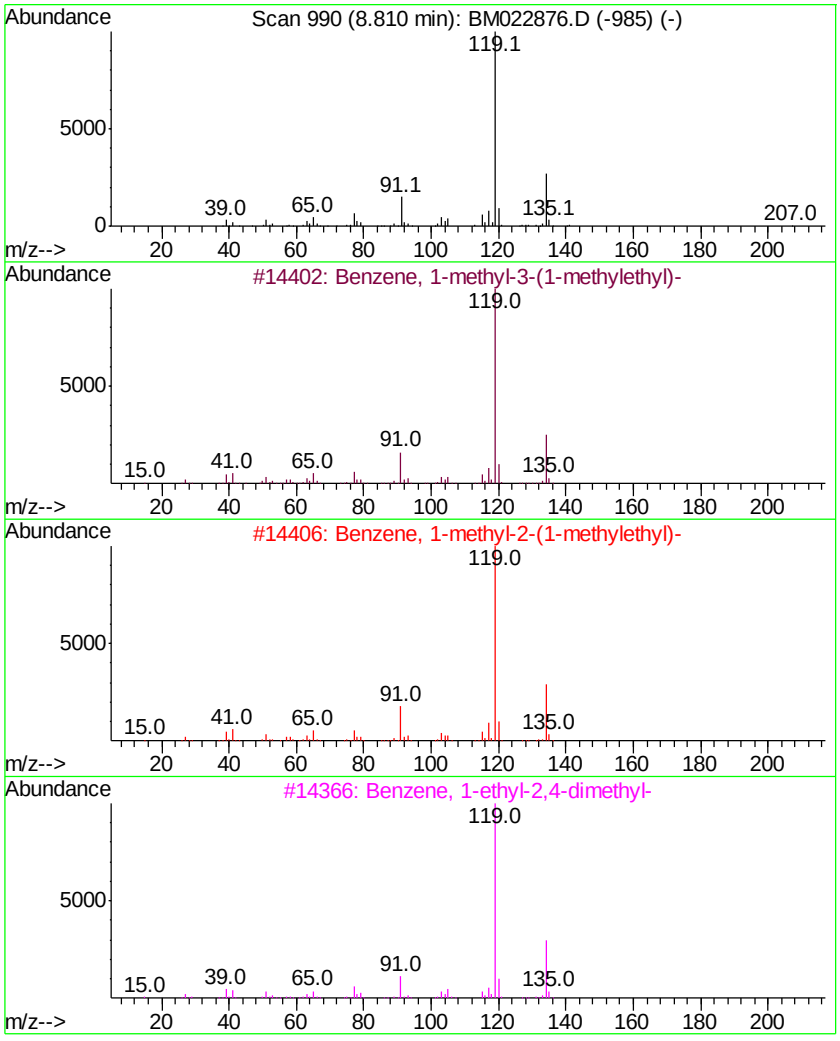
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

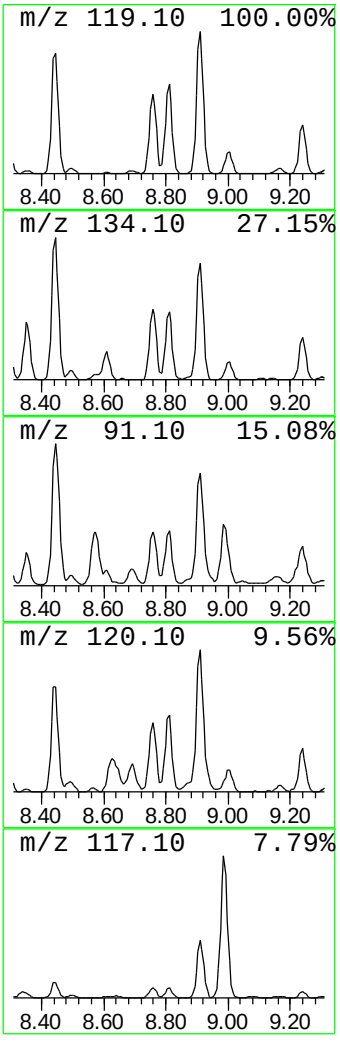
****

Peak Number 22 Benzene, 1-methyl-3-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	5.77 ng/ul	584328	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

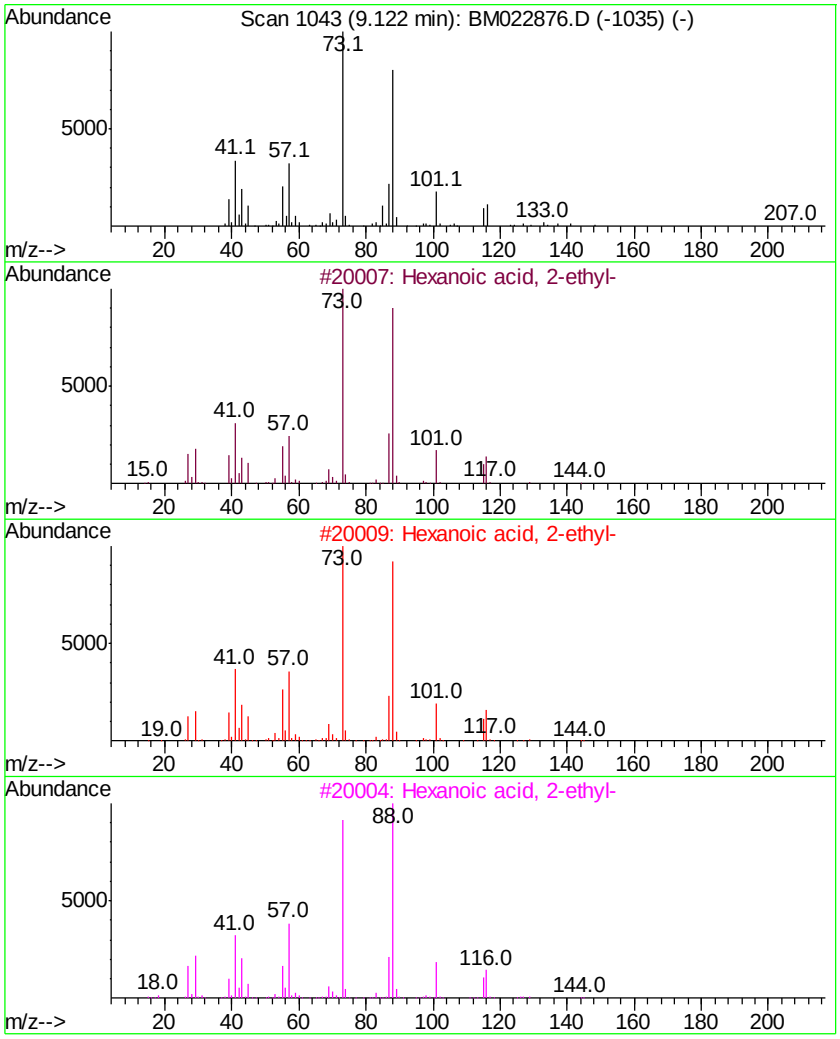
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

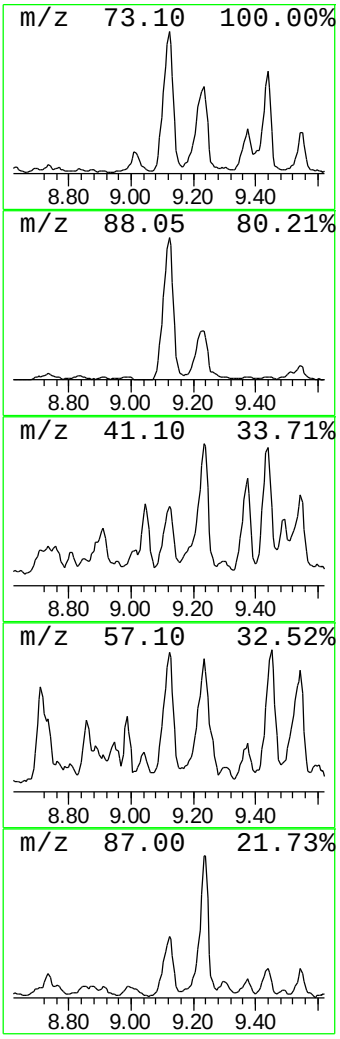
****

Peak Number 23 Hexanoic acid, 2-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	4.34 ng/ul	439377	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	trans-4-Fluoro-l-proline	133	C5H8FNO2	1000132-55-8	43





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Acq On : 02 Oct 2019 04:58
Operator : JU
Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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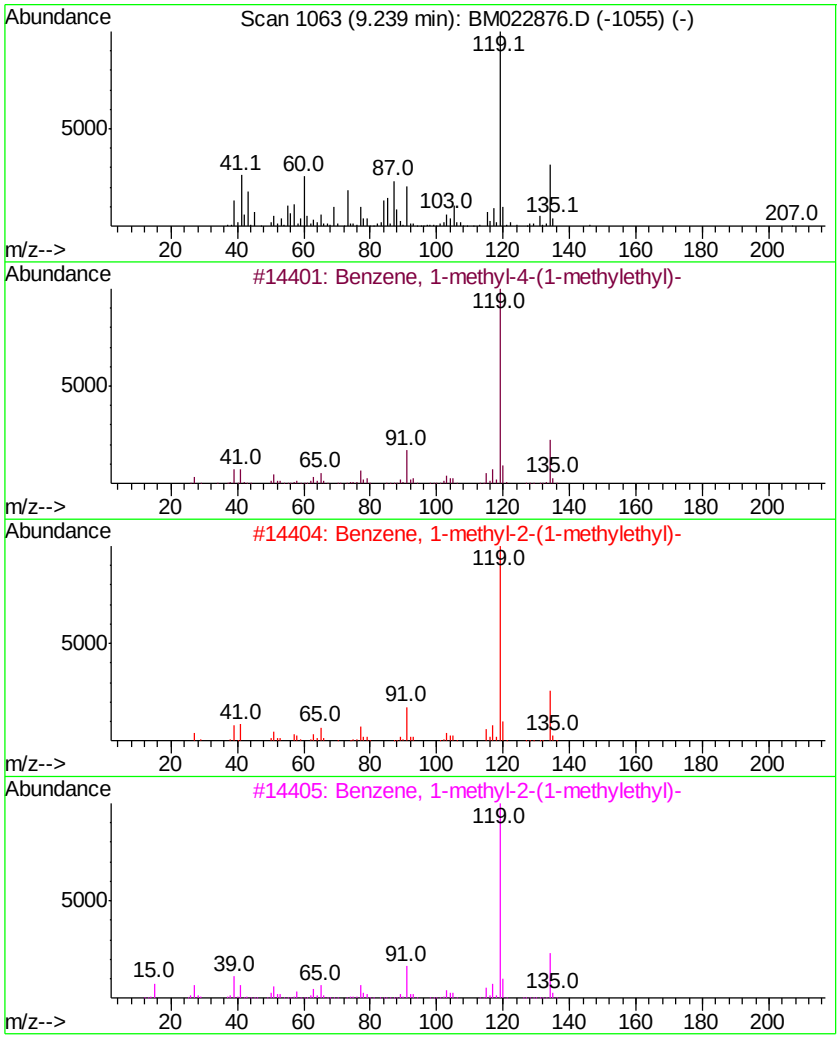
Quant Title : SVOA CALIBRATION

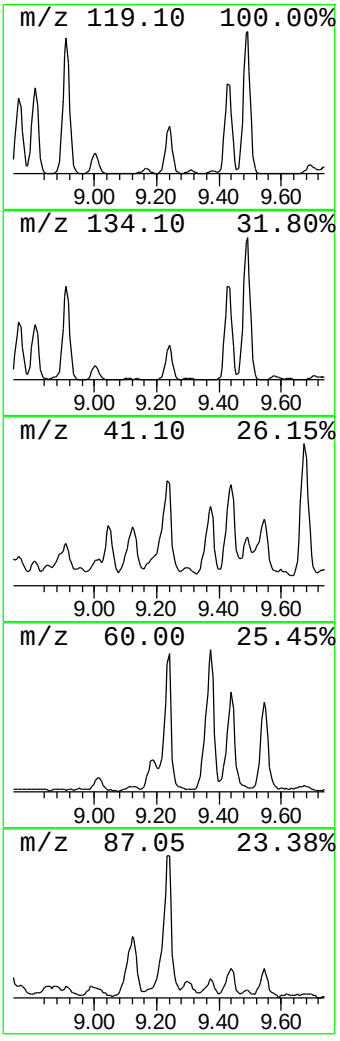
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-methyl-4-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	6.80 ng/ul	1039500	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	92
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	92
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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Quant Title : SVOA CALIBRATION

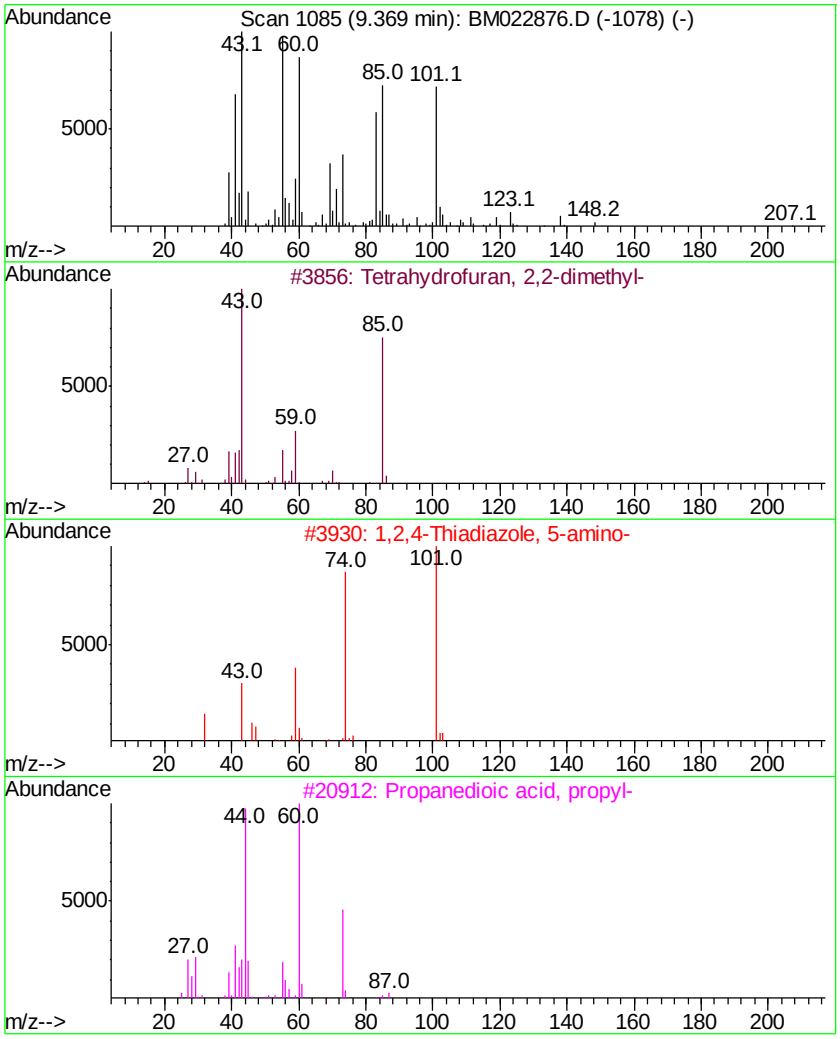
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

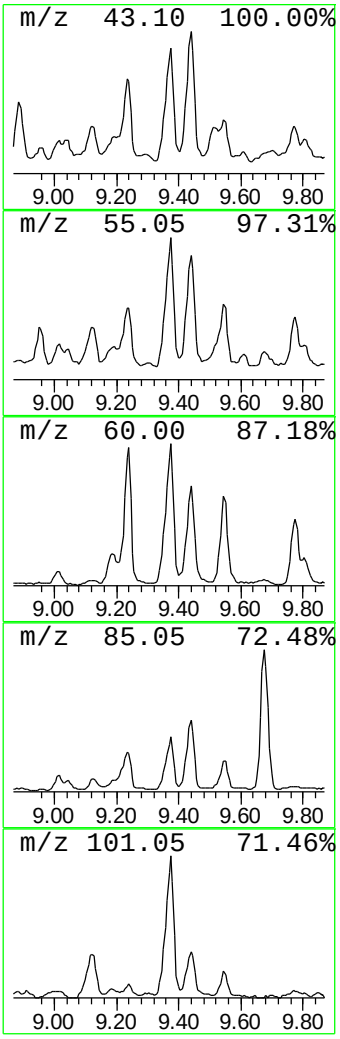
****

Peak Number 25 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.77 ng/ul	576939	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran, 2,2-dimethyl-	100	C6H12O	001003-17-4	14
2	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	14
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	14
4	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	14
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	14





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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

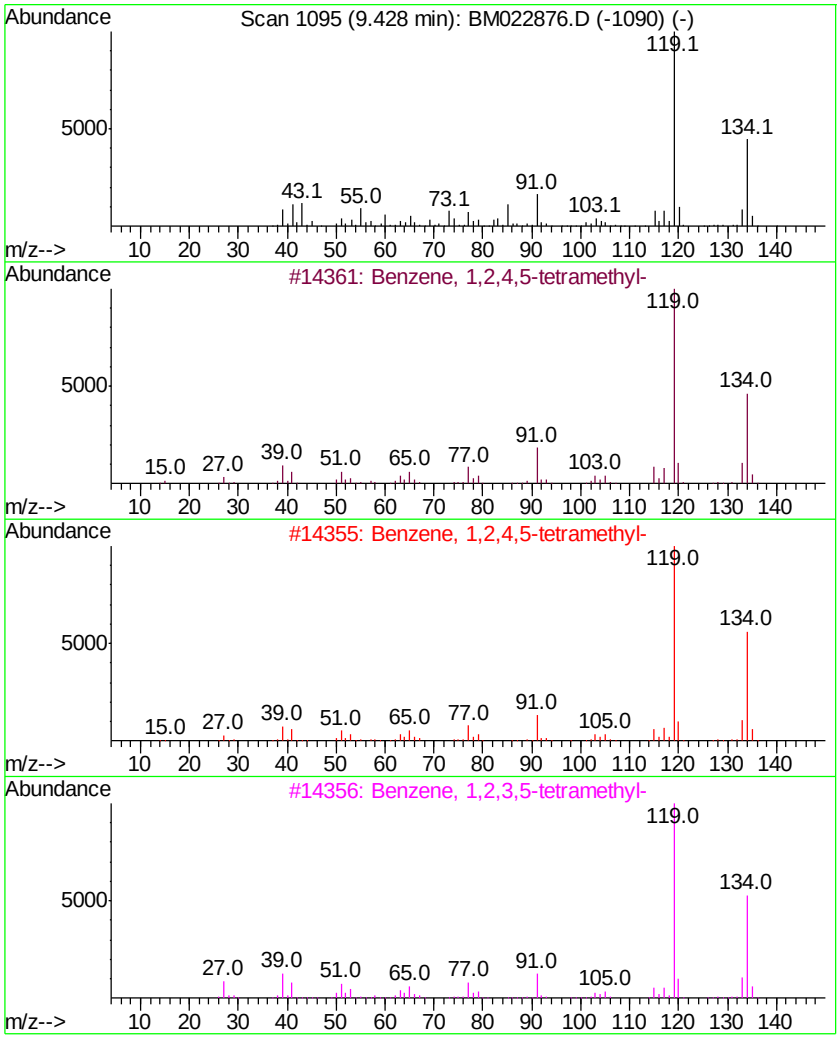
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

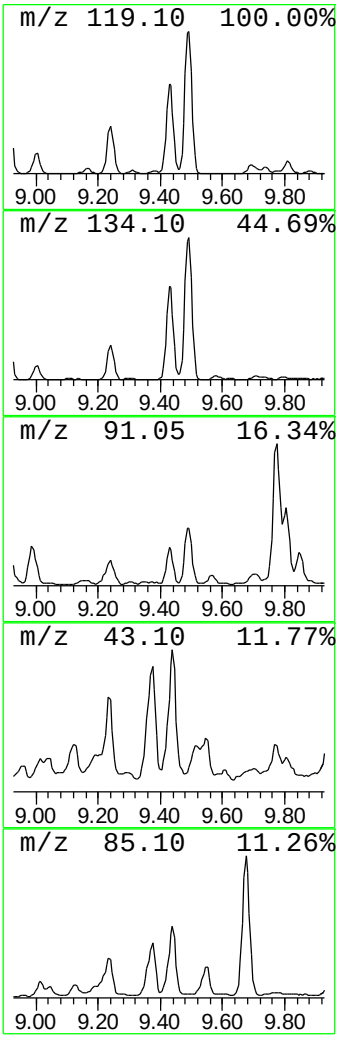
****

Peak Number 26 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	7.84 ng/ul	1198930	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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

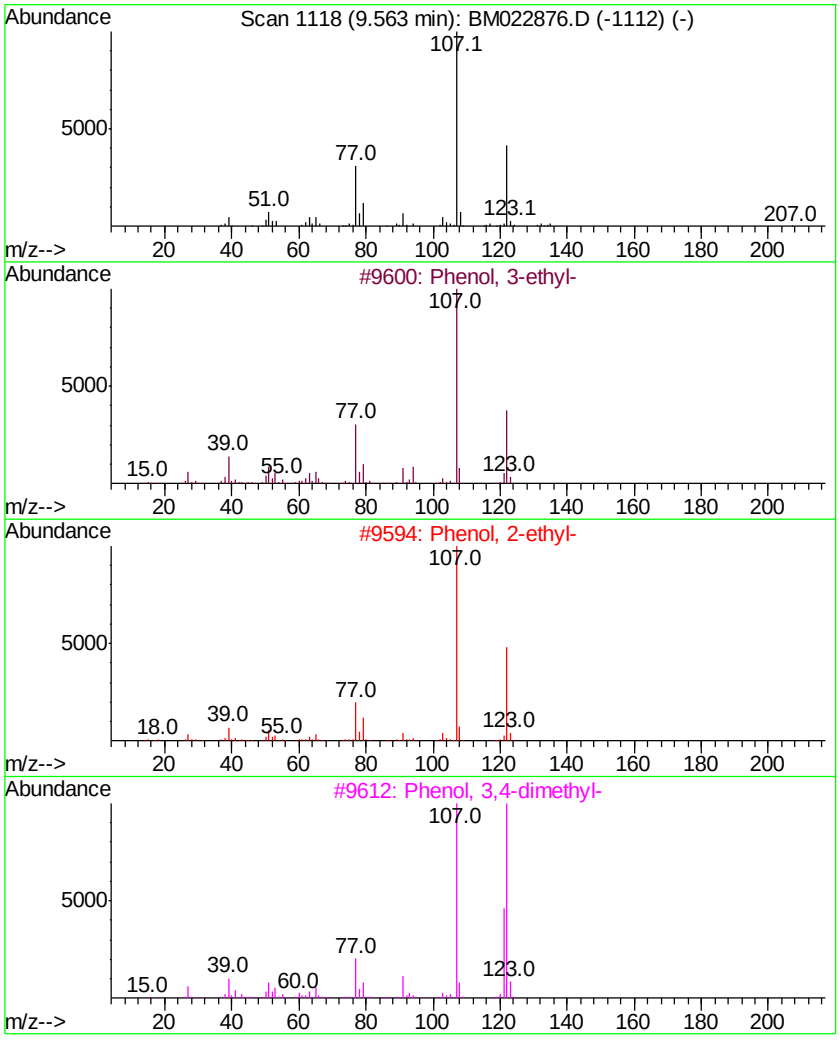
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

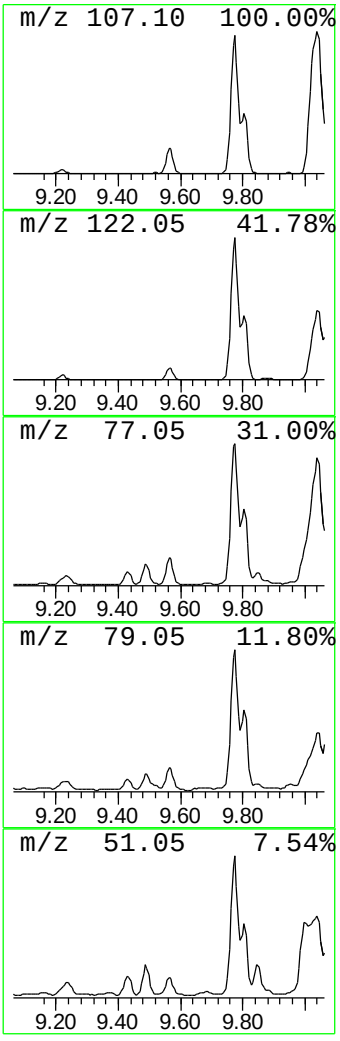
****

Peak Number 28 Phenol, 3-ethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.07 ng/ul	622207	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





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Operator : JU
Sample : K4932-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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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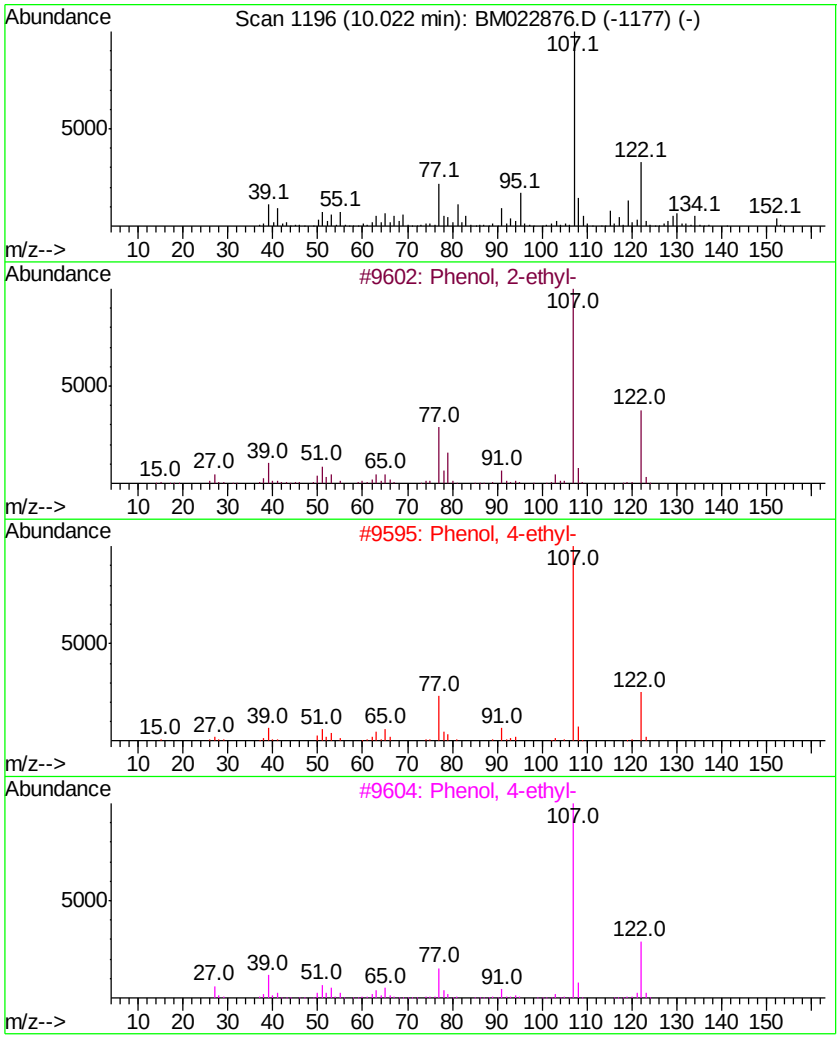
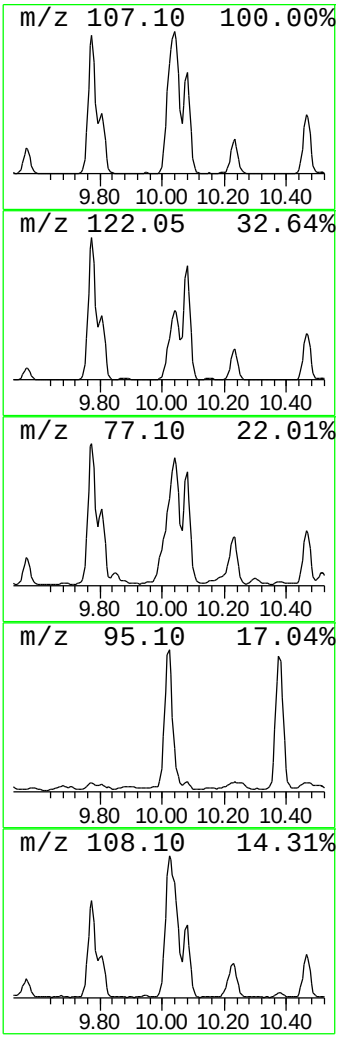
Peak Number 30 Phenol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	52.74 ng/ul	8060460	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	55
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	55
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	55
4	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	49
5	3-(p-Hydroxyphenyl)-1-propanol	152	C9H12O2	010210-17-0	47





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH0

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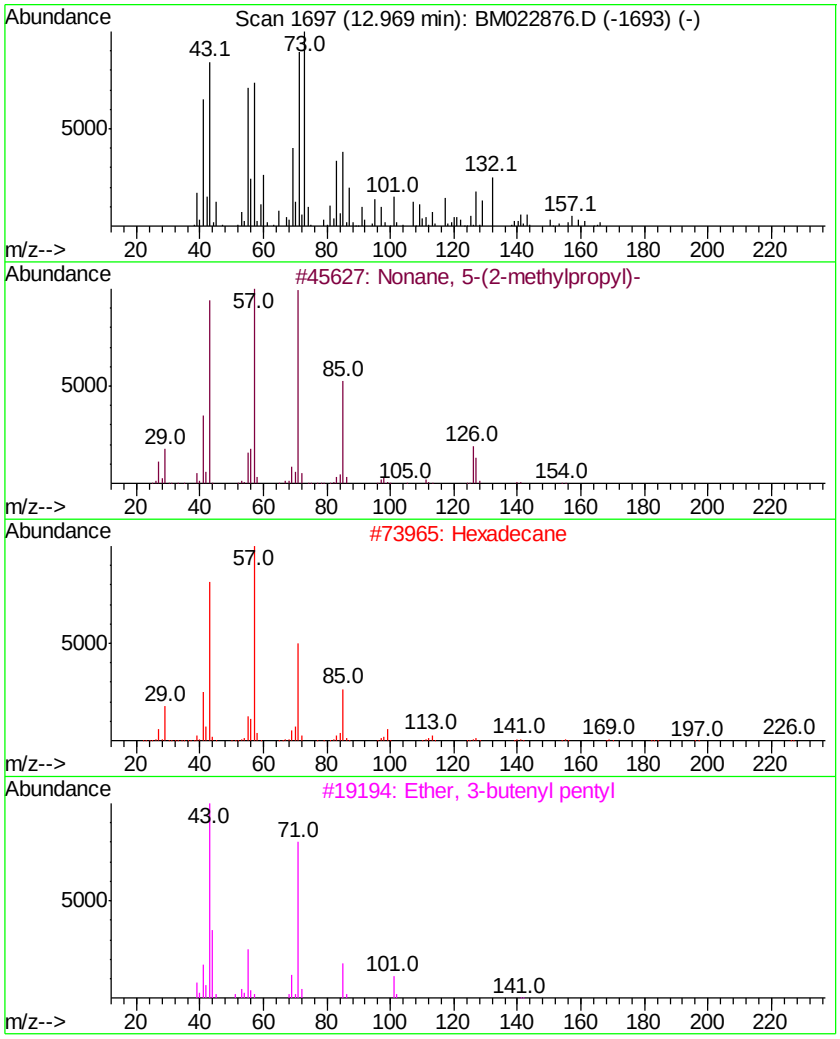
Quant Title : SVOA CALIBRATION

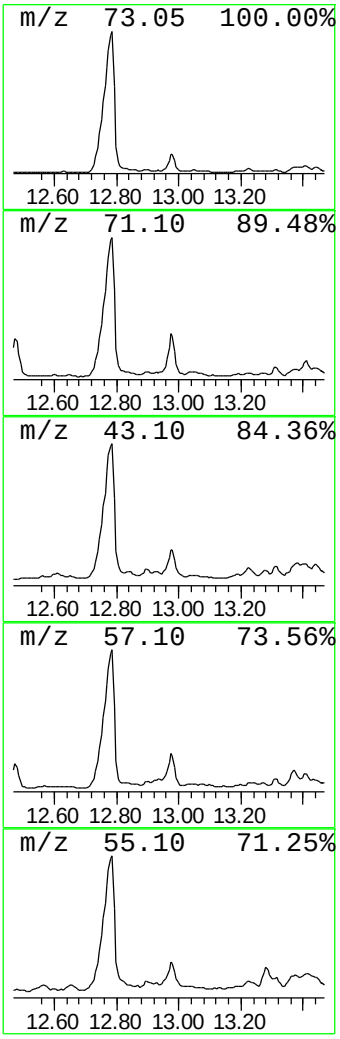
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.89 ng/ul	543105	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
2	Hexadecane	226	C16H34	000544-76-3	35
3	Ether, 3-butenyl pentyl	142	C9H18O	034061-78-4	27
4	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	27
5	Heptan-2-ol, 5-(2-tetrahydrofurf...	200	C12H24O2	281676-71-9	27





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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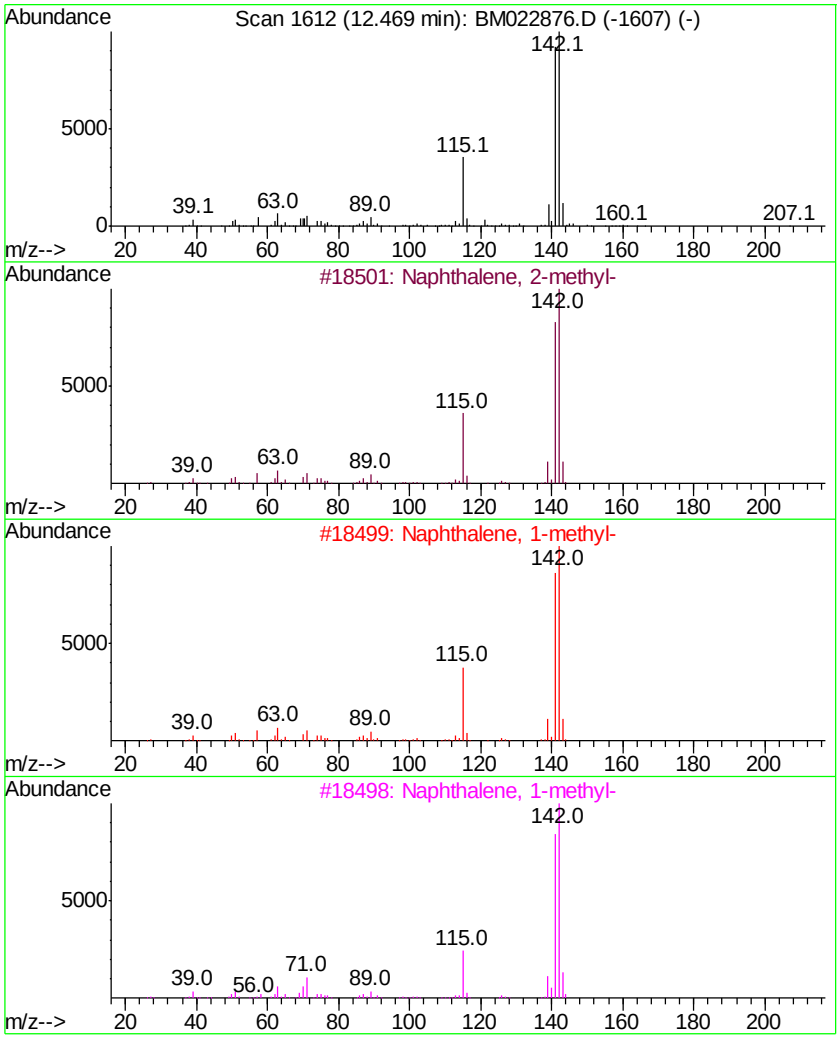
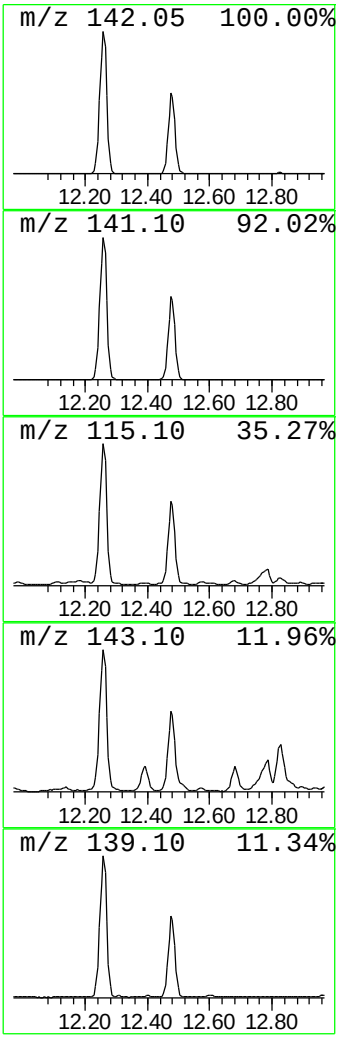
Peak Number 65 Naphthalene, 1-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	15.51 ng/ul	2370660	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

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Operator : JU
Sample : K4932-08
Misc :
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Instrument : BNA_M
ClientSampleId : BFDH0

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...	3.61	12.8	ng/ul	1290900	1	7.80	2025560	20.0
2-Pentanol, 4-met...	3.83	8.3	ng/ul	840546	1	7.80	2025560	20.0
Toluene	4.00	90.2	ng/ul	9130610	1	7.80	2025560	20.0
Propanoic acid, 2...	4.27	5.0	ng/ul	506027	1	7.80	2025560	20.0
Butanoic acid, 1-...	4.90	5.2	ng/ul	529647	1	7.80	2025560	20.0
Ethylbenzene	5.32	26.0	ng/ul	2630620	1	7.80	2025560	20.0
o-Xylene	5.46	102.3	ng/ul	10356800	1	7.80	2025560	20.0
Benzene, propyl-	6.79	8.4	ng/ul	853713	1	7.80	2025560	20.0
Benzene, 1-ethyl-...	6.90	31.0	ng/ul	3137890	1	7.80	2025560	20.0
Benzene, 1-ethyl-...	7.20	16.4	ng/ul	1655640	1	7.80	2025560	20.0
unknown-01	7.26	14.1	ng/ul	1425960	1	7.80	2025560	20.0
Benzene, 1,2,3-tr...	7.46	79.4	ng/ul	8045690	1	7.80	2025560	20.0
1-Hexanol, 2-ethyl-	7.87	24.3	ng/ul	2459070	1	7.80	2025560	20.0
(DEL) Alkane: Cyc...	7.96	10.2	ng/ul	1029920	1	7.80	2025560	20.0
(DEL) Alkane: Cyc...	8.09	4.5	ng/ul	454275	1	7.80	2025560	20.0
Indane	8.17	25.6	ng/ul	2594480	1	7.80	2025560	20.0
Benzene, 1-methyl...	8.35	6.6	ng/ul	664852	1	7.80	2025560	20.0
Benzene, 2-ethyl-...	8.45	12.9	ng/ul	1308000	1	7.80	2025560	20.0
Benzene, 1-methyl...	8.81	5.8	ng/ul	584328	1	7.80	2025560	20.0
Hexanoic acid, 2-...	9.12	4.3	ng/ul	439377	1	7.80	2025560	20.0
Benzene, 1-methyl...	9.24	6.8	ng/ul	1039500	2	10.60	3056860	20.0
unknown-02	9.37	3.8	ng/ul	576939	2	10.60	3056860	20.0
Benzene, 1,2,4,5-...	9.43	7.8	ng/ul	1198930	2	10.60	3056860	20.0
Phenol, 3-ethyl-	9.56	4.1	ng/ul	622207	2	10.60	3056860	20.0
Phenol, 2-ethyl-	10.02	52.7	ng/ul	8060460	2	10.60	3056860	20.0
(DEL) Alkane: Str...	12.97	2.9	ng/ul	543105	3	14.44	3763050	20.0
Naphthalene, 1-me...	12.47	15.5	ng/ul	2370660	2	10.60	3056860	20.0