LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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	67	rVB	777906	950706	21.23%	1.304%
2	3.663	112	115	121	rBV	75819	104440	2.33%	0.143%
3	3.728	121	126	131	rBV	195154	238600	5.33%	0.327%
4	3.828	139	143	152	rBV	51897	91024	2.03%	0.125%
5	3.999	166	172	183	rVB2	239353	374125	8.35%	0.513%
6	4.146	190	197	204	rVV	39237	64926	1.45%	0.089%
7	4.263	212	217	224	rVV	509770	650322	14.52%	0.892%
8	4.334	225	229	241	rVV	46563	81280	1.81%	0.111%
9	4.440	243	247	255	rVV	276279	369527	8.25%	0.507%
10	4.893	317	324	335	rVV	758736	1018702	22.75%	1.397%
11	5.316	390	396	405	rVB	242867	348258	7.78%	0.478%
12	5.446	413	418	428	rVB	820665	1583310	35.35%	2.171%
13	5.757	464	471	475	rBV	71707	99734	2.23%	0.137%
14	5.816	475	481	488	rVB	826401	1186488	26.49%	1.627%
15	6.293	552	562	569	rBV	51951	89613	2.00%	0.123%
16	6.781	639	645	653	rVV	122455	204773	4.57%	0.281%
17	6.893	657	664	669	rVV	525799	797519	17.81%	1.094%
18	6.951	669	674	682	rVV3	365402	874735	19.53%	1.199%
19	7.022	682	686	693	rVV	403246	608737	13.59%	0.835%
20	7.128	697	704	710	rBV	585060	930699	20.78%	1.276%
21	7.193	710	715	720	rVV	375482	591657	13.21%	0.811%
22	7.251	720	725	731	rVV3	41904	85474	1.91%	0.117%
23	7.328	731	738	748	rVV	709984	1129906	25.23%	1.549%
24	7.445	751	758	768	rVV	1240982	1855522	41.43%	2.544%
25	7.792	809	817	822	rVV	668005	1064285	23.76%	1.459%
26	7.863	822	829	833	rVV2	201134	403009	9.00%	0.553%
27	7.910	833	837	854	rVB	666547	1151771	25.72%	1.579%
28	8.087	861	867	872	rVV3	35755	76956	1.72%	0.106%
29	8.169	872	881	888	rVV2	310313	645703	14.42%	0.885%
30	8.292	897	902	906	rVV3	84250	138889	3.10%	0.190%
31	8.345	906	911	921	rVV2	106594	208448	4.65%	0.286%
32	8.434	921	926	931	rVV	227821	357555	7.98%	0.490%
33	8.498	931	937	943	rVV	565145	940426	21.00%	1.290%
34	8.563	943	948	952	rVV	151403	291285	6.50%	0.399%

LSC Area Percent Report

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Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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	8.598	952	954	964	rVV2	65234	107748	2.41%	0.148%
36	8.751	974	980	984	rVV	105695	165838	3.70%	0.227%
37	8.798	984	988	994	rVB	110647	169169	3.78%	0.232%
38	8.898	998	1005	1009	rBV	268173	447320	9.99%	0.613%
39	8.945	1009	1013	1025	rVV2	753205	1520630	33.95%	2.085%
40	9.034	1025	1028	1033	rVV	59000	97211	2.17%	0.133%
41	9.234	1057	1062	1069	rVB2	78146	134729	3.01%	0.185%
42	9.422	1089	1094	1099	rVV	161073	250413	5.59%	0.343%
43	9.481	1099	1104	1114	rVB	278900	440402	9.83%	0.604%
44	9.669	1129	1136	1143	rBV	639079	1070263	23.90%	1.468%
45	9.763	1148	1152	1155	rVV	91623	157971	3.53%	0.217%
46	9.792	1155	1157	1161	rVV3	76959	115523	2.58%	0.158%
47	9.839	1161	1165	1173	rVV	164441	267799	5.98%	0.367%
48	9.922	1173	1179	1184	rVV	84389	154053	3.44%	0.211%
49	9.992	1184	1191	1200	rVV4	493950	1171298	26.15%	1.606%
50	10.069	1200	1204	1213	rVV3	110631	239871	5.36%	0.329%
51	10.210	1220	1228	1237	rVB	1064430	1906736	42.57%	2.615%
52	10.292	1237	1242	1249	rBV3	42659	77804	1.74%	0.107%
53	10.457	1264	1270	1274	rVV	53405	112023	2.50%	0.154%
54	10.504	1274	1278	1282	rVV	83039	140920	3.15%	0.193%
55	10.586	1282	1292	1296	rVV	942767	1765732	39.43%	2.421%
56	10.633	1296	1300	1307	rVV	852378	1448846	32.35%	1.987%
57	10.716	1307	1314	1325	rVV	854238	1682317	37.56%	2.307%
58	10.804	1325	1329	1335	rVV2	41176	67624	1.51%	0.093%
59	10.939	1347	1352	1360	rBV2	54806	122001	2.72%	0.167%
60	11.128	1378	1384	1389	rBV3	39259	75201	1.68%	0.103%
61	11.245	1400	1404	1408	rVV	43880	70966	1.58%	0.097%
62	11.386	1420	1428	1430	rBV3	53886	100388	2.24%	0.138%
63	11.410	1430	1432	1442	rVV2	49147	89883	2.01%	0.123%
64	11.498	1442	1447	1452	rVB	65385	115428	2.58%	0.158%
65	11.692	1473	1480	1489	rVB2	80998	170517	3.81%	0.234%
66	11.928	1511	1520	1524	rBV2	99373	180249	4.02%	0.247%
67	12.139	1551	1556	1561	rBV	51943	94714	2.11%	0.130%
68	12.245	1568	1574	1588	rVB	539152	893670	19.95%	1.225%
69	12.357	1588	1593	1602	rBV5	27578	69180	1.54%	0.095%
70	12.469	1603	1612	1618	rVB	397988	652227	14.56%	0.894%
71	12.539	1618	1624	1634	rVB8	29662	77324	1.73%	0.106%

LSC Area Percent Report

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Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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

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

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

72	12.722	1646	1655	1659	rBV	153656	259104	5.79%	0.355%
73	13.274	1743	1749	1756	rVV3	194429	313557	7.00%	0.430%
74	13.345	1756	1761	1775	rVB	239042	392205	8.76%	0.538%
75	13.469	1777	1782	1791	rVB4	83146	216462	4.83%	0.297%
76	13.604	1799	1805	1810	rVB3	62746	147197	3.29%	0.202%
77	13.751	1824	1830	1835	rBV2	98881	190478	4.25%	0.261%
78	13.839	1840	1845	1850	rVV	1915305	2585709	57.73%	3.546%
79	13.886	1850	1853	1861	rVB	113817	174051	3.89%	0.239%
80	13.986	1864	1870	1873	rBV4	50342	97333	2.17%	0.133%
81	14.121	1887	1893	1905	rVB	2191377	3302109	73.73%	4.528%
82	14.286	1918	1921	1927	rVB	56279	82667	1.85%	0.113%
83	14.345	1927	1931	1935	rBV4	50348	81799	1.83%	0.112%
84	14.427	1939	1945	1952	rVB	1320095	2022623	45.16%	2.774%
85	14.633	1976	1980	1985	rBV	128212	186102	4.16%	0.255%
86	14.868	2015	2020	2024	rBV	592420	746072	16.66%	1.023%
87	15.033	2045	2048	2057	rVB4	46364	97359	2.17%	0.134%
88	15.227	2069	2081	2089	rBV5	97767	369656	8.25%	0.507%
89	15.421	2108	2114	2120	rBV	2826768	4113870	91.85%	5.641%
90	15.533	2128	2133	2141	rVB	808612	1124356	25.10%	1.542%
91	15.863	2186	2189	2195	rVB	60850	85064	1.90%	0.117%
92	16.586	2309	2312	2317	rVB	109344	133499	2.98%	0.183%
93	17.168	2406	2411	2416	rBV2	1474059	2059707	45.99%	2.824%
94	17.268	2422	2428	2439	rVB	2920101	4124744	92.10%	5.656%
95	18.074	2561	2565	2581	rVB2	454333	698358	15.59%	0.958%
96	19.351	2778	2782	2792	rBV	245014	339549	7.58%	0.466%
97	19.562	2812	2818	2832	rVB	3294177	4478702	100.00%	6.141%
98	21.350	3117	3122	3127	rBV	1570665	1989386	44.42%	2.728%
99	23.468	3475	3482	3496	rVB	2276354	4360686	97.36%	5.980%
100	23.609	3500	3506	3521	rVB	1094771	2121788	47.38%	2.909%

Sum of corrected areas: 72926584

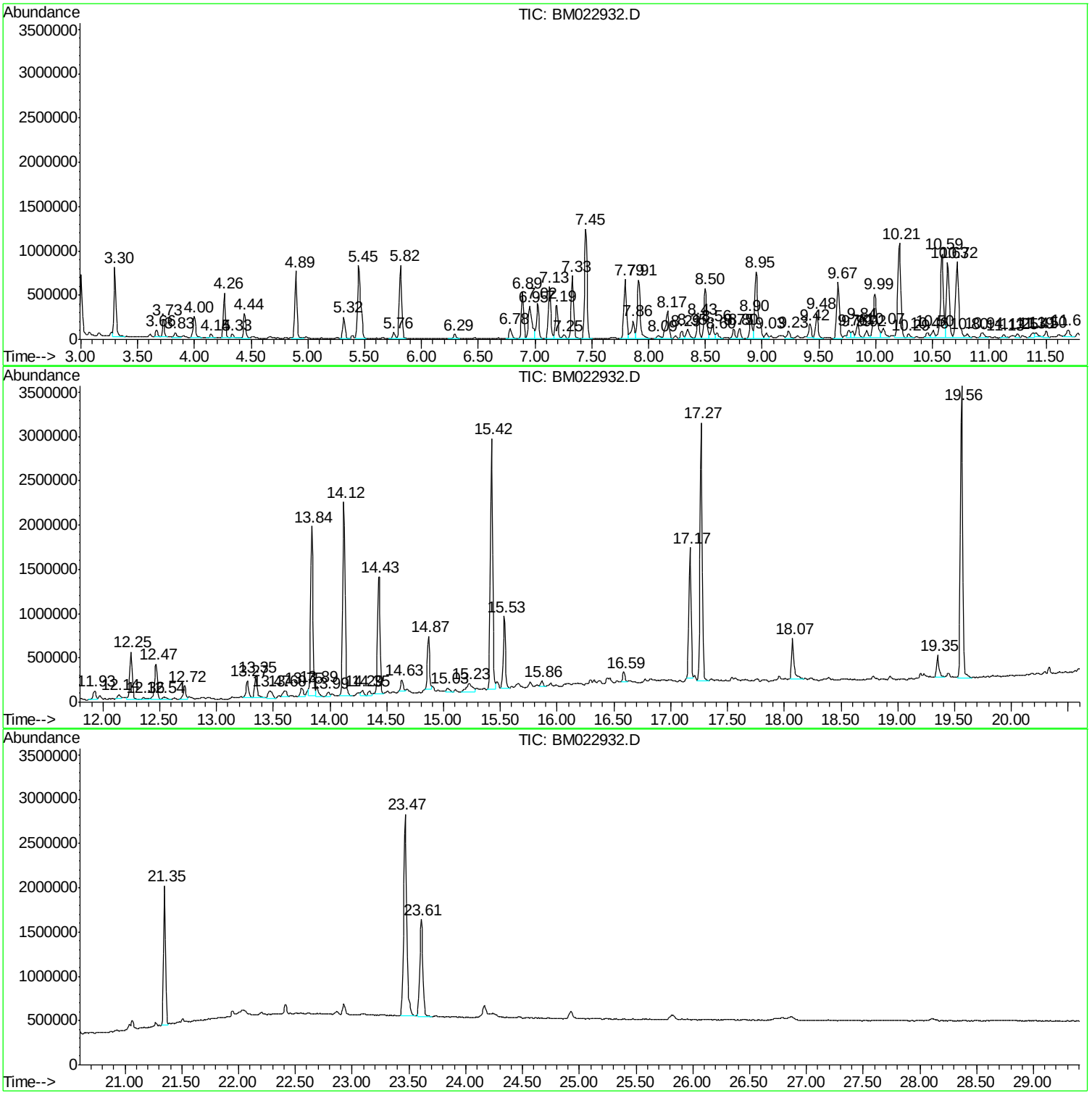
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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

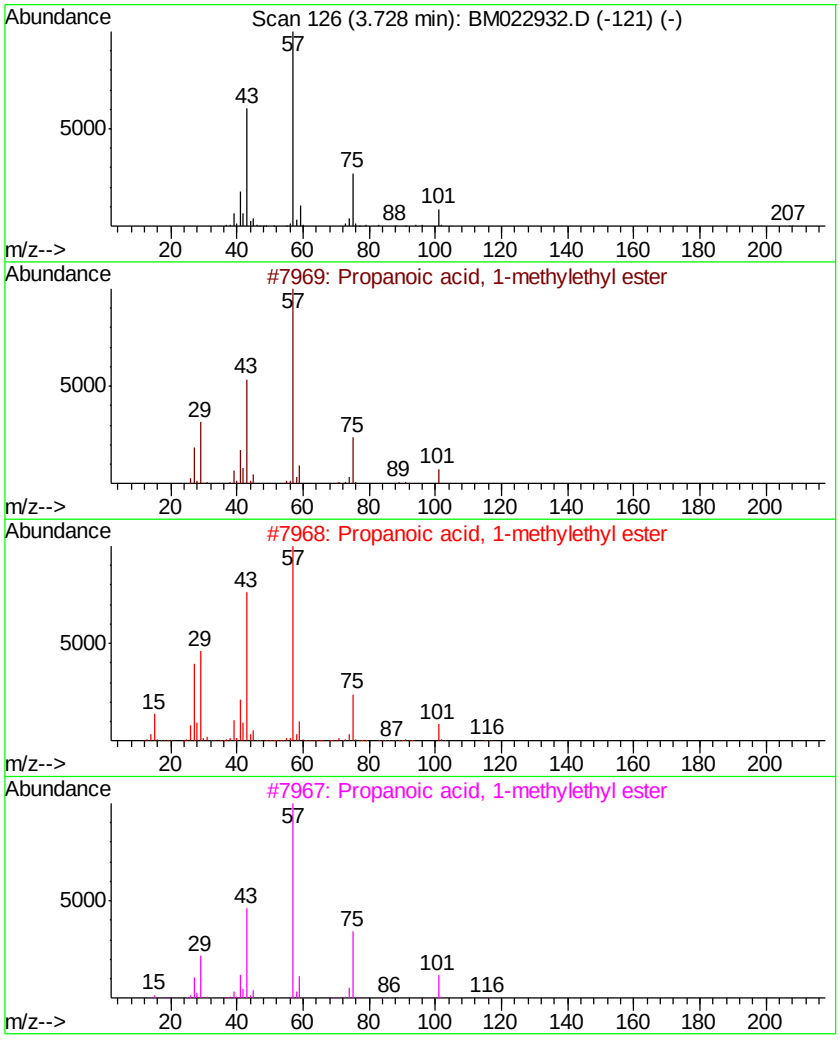
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

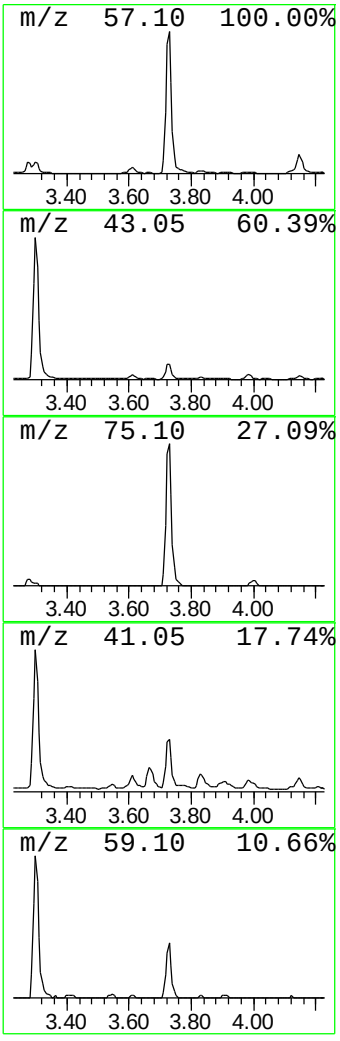
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	4.48 ng/ul	238600	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	72
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	56
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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

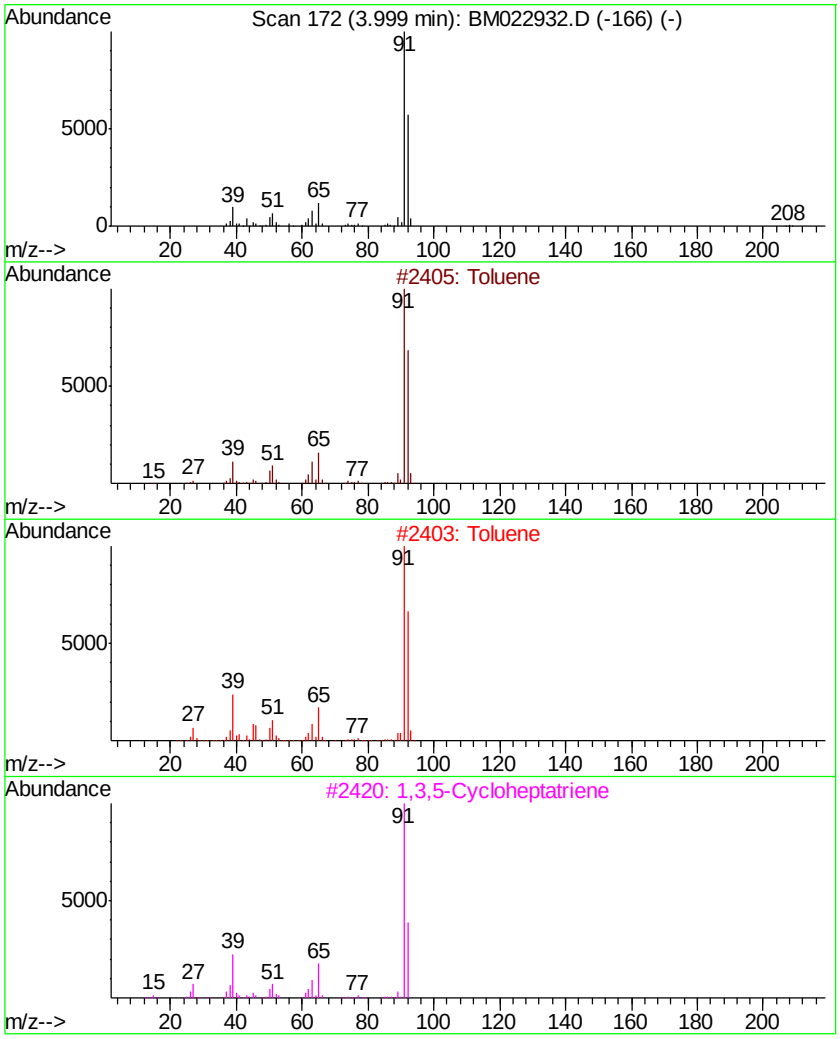
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

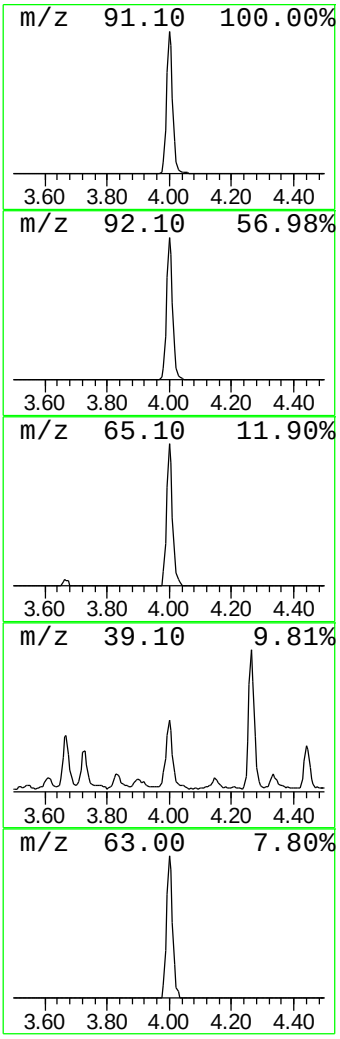
****

Peak Number 2 Toluene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	7.03 ng/ul	374125	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	87
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	87





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

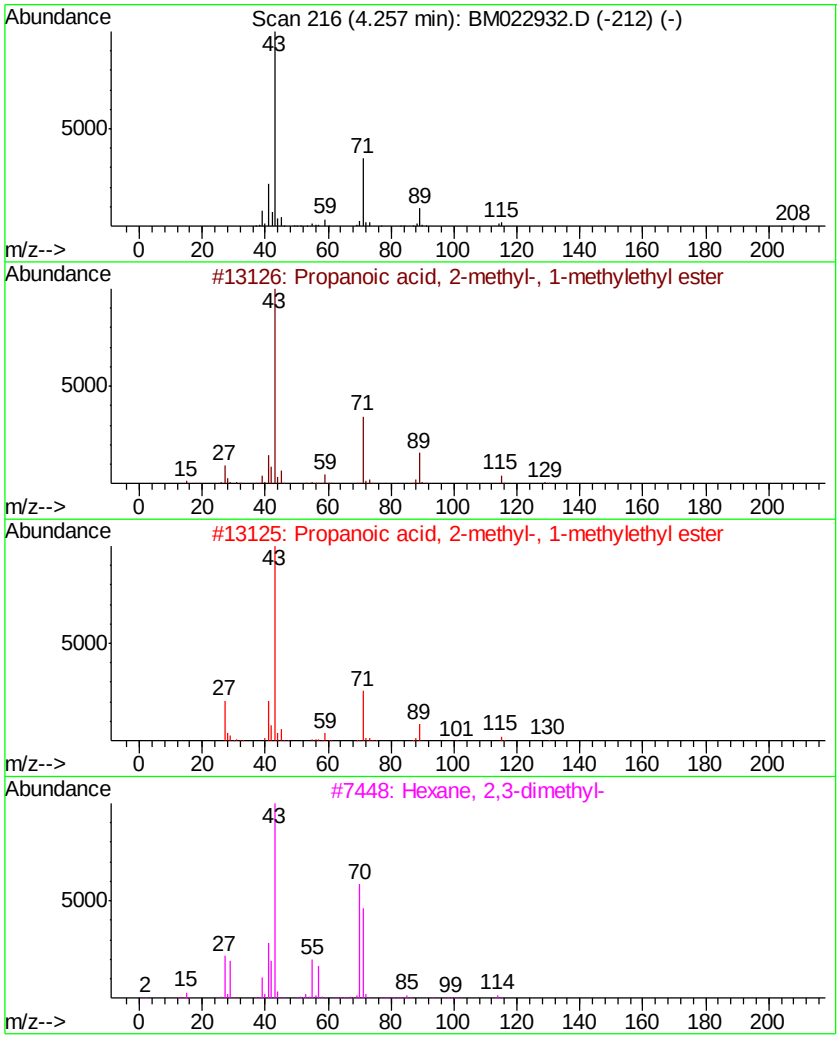
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

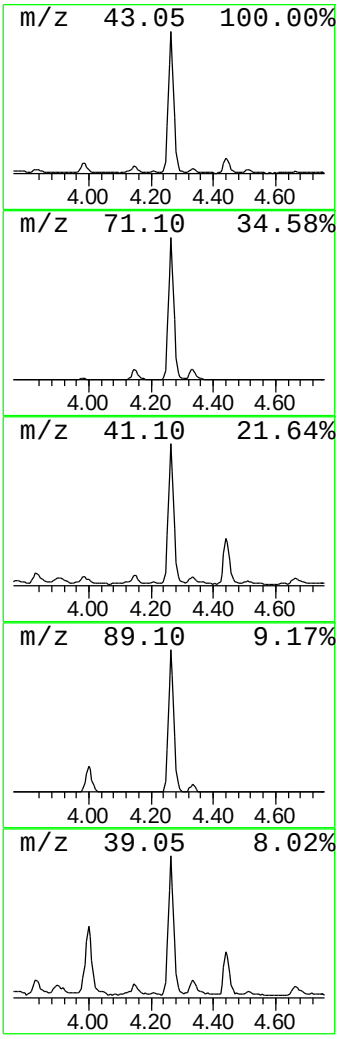
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	12.22 ng/ul	650322	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	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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

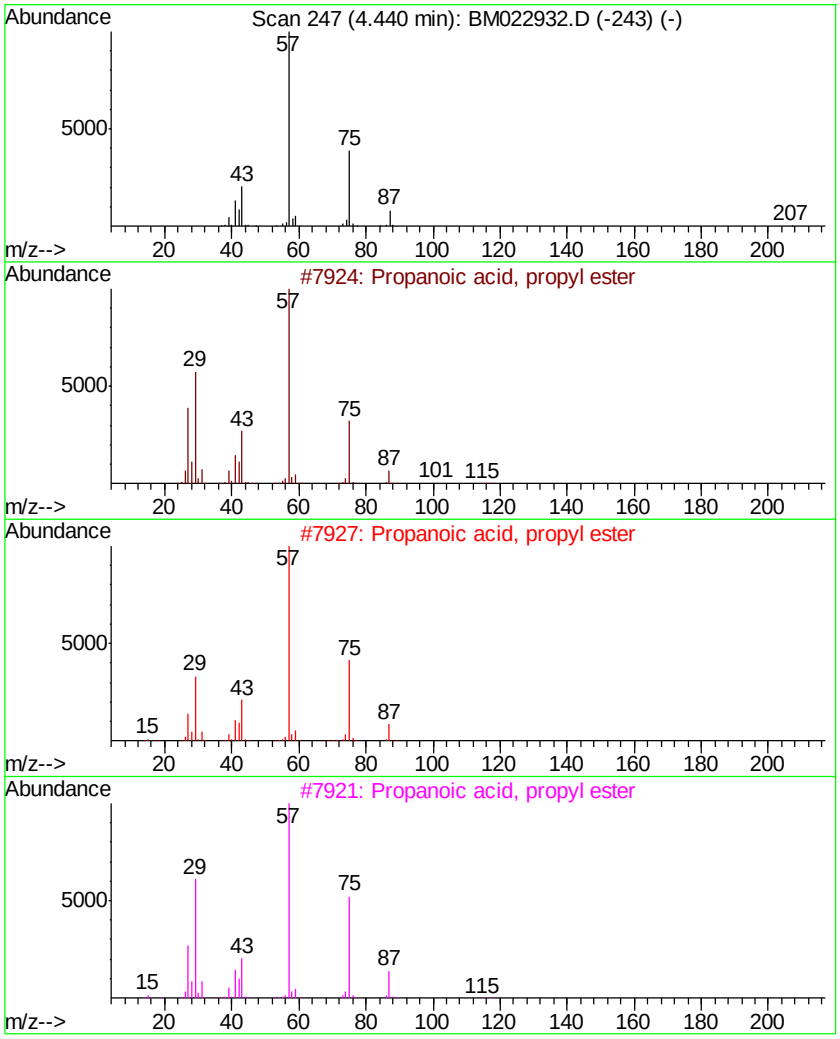
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

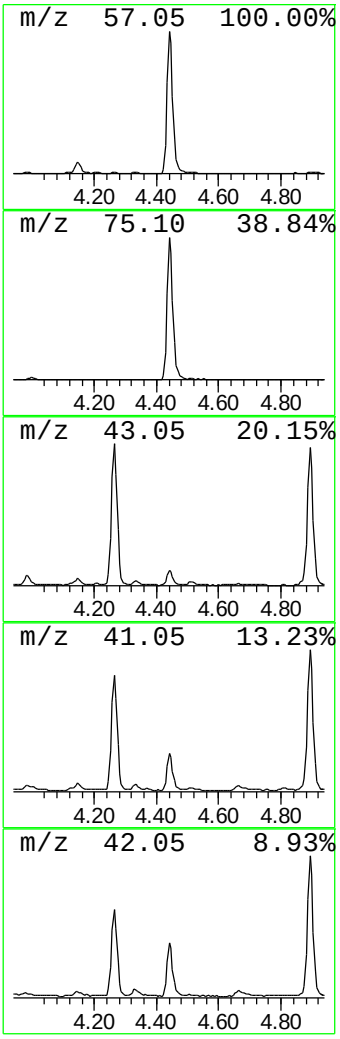
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	6.94 ng/ul	369527	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	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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

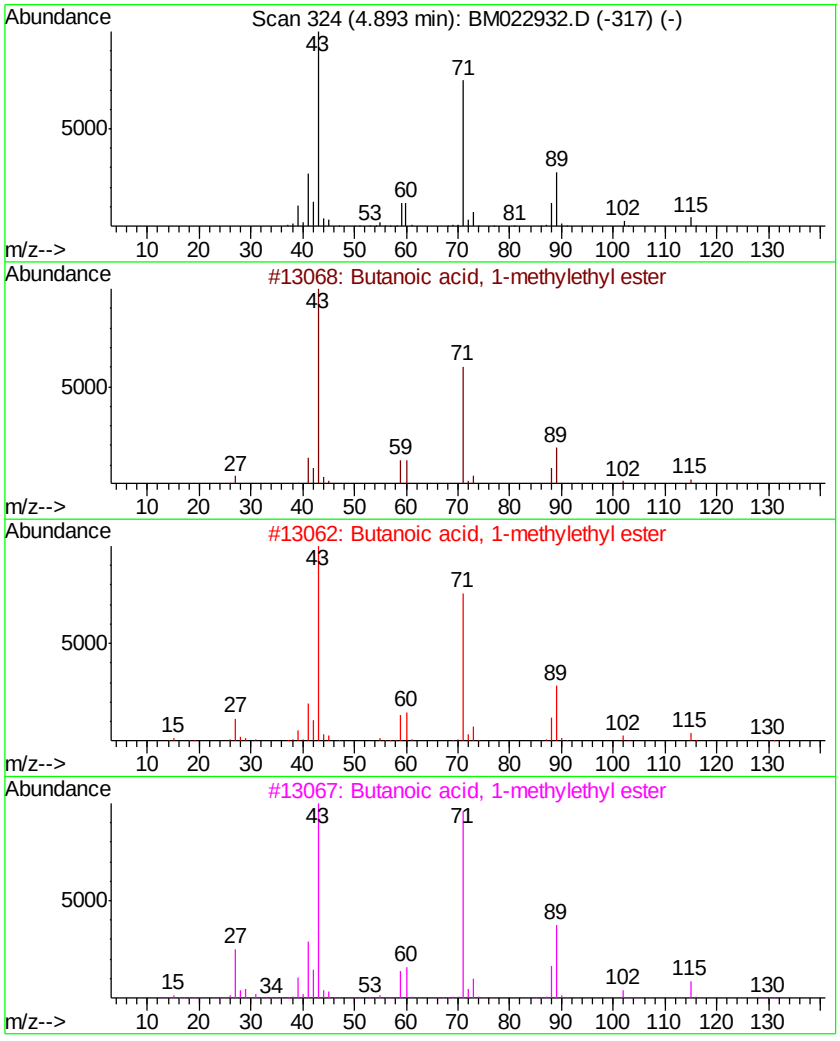
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

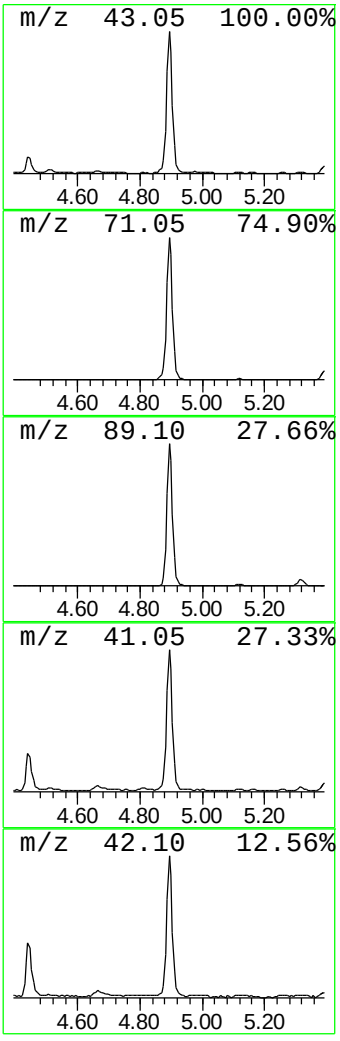
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	19.14 ng/ul	1018700	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	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64





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Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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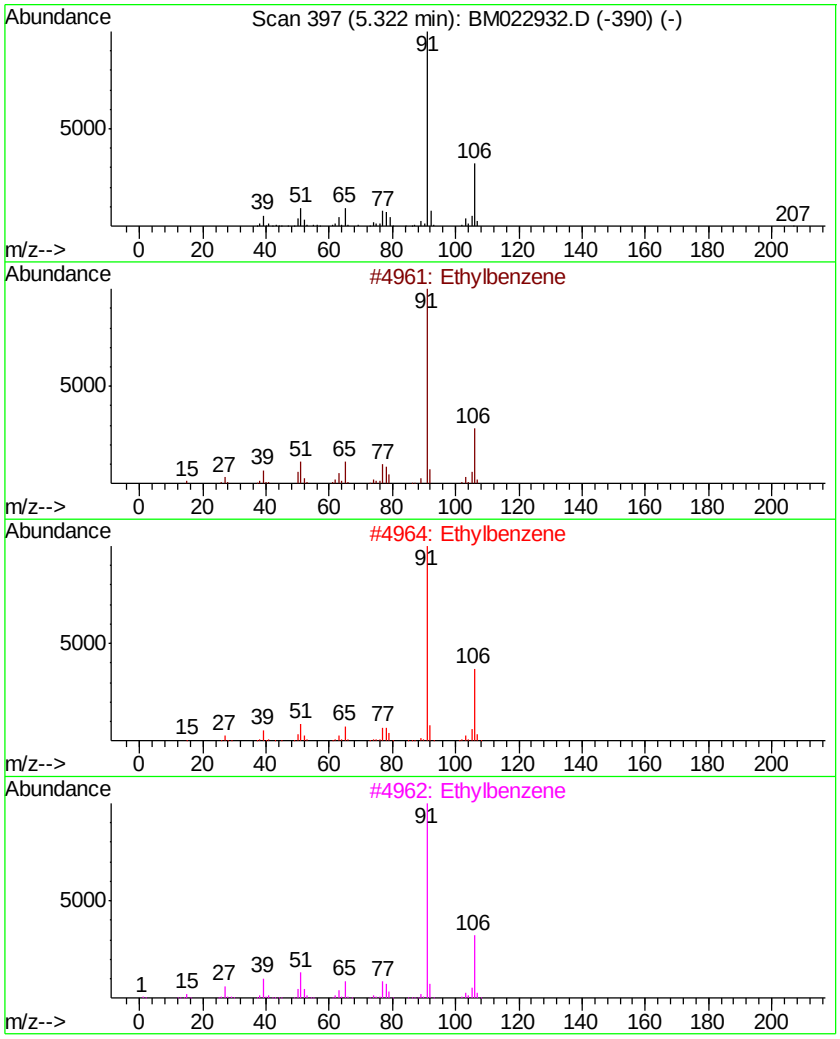
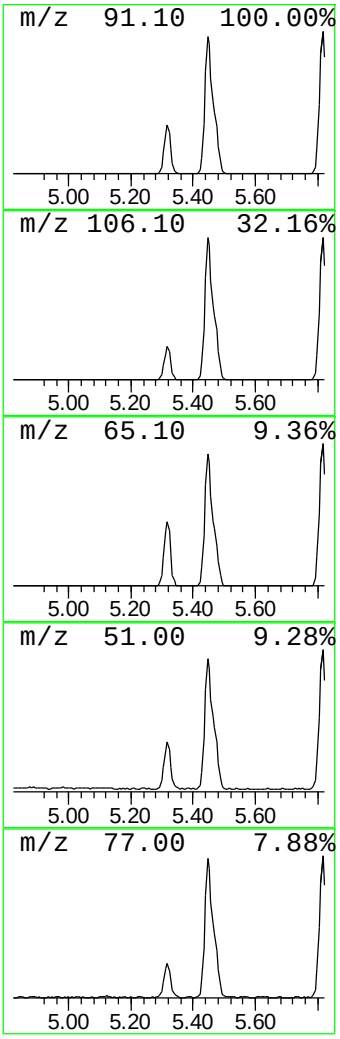
Peak Number 6 Ethylbenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	6.54 ng/ul	348258	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	76
5	o-Xylene	106	C8H10	000095-47-6	74





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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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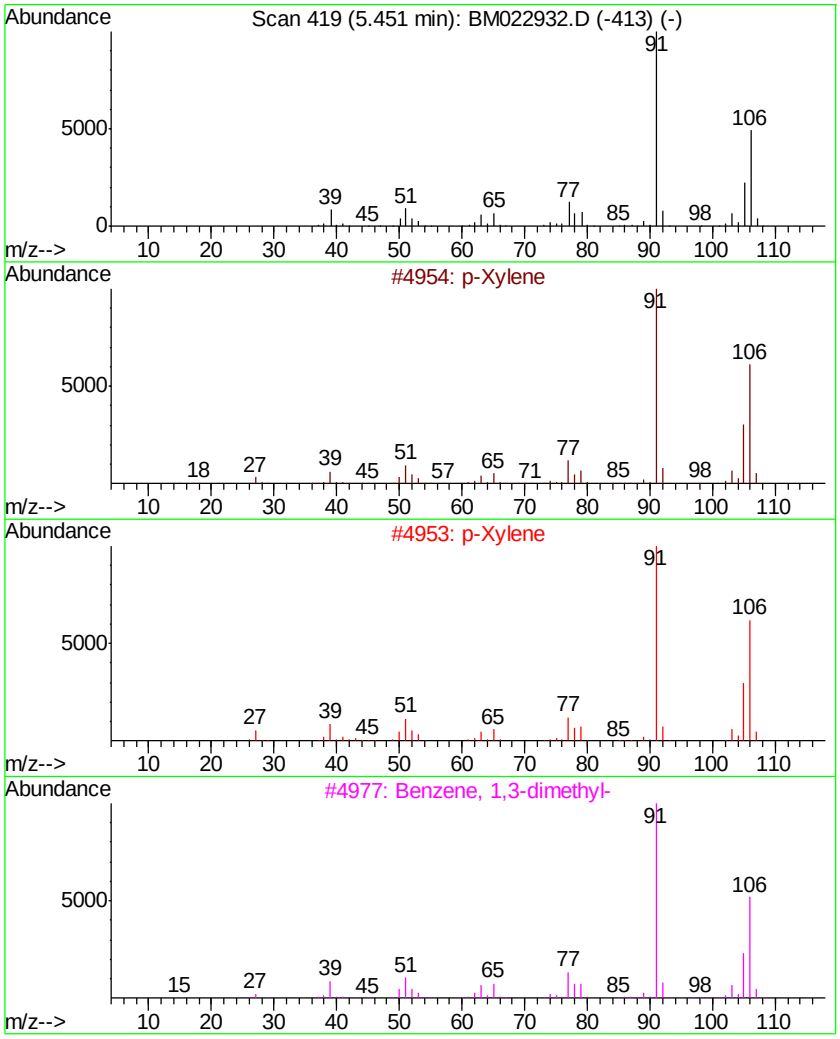
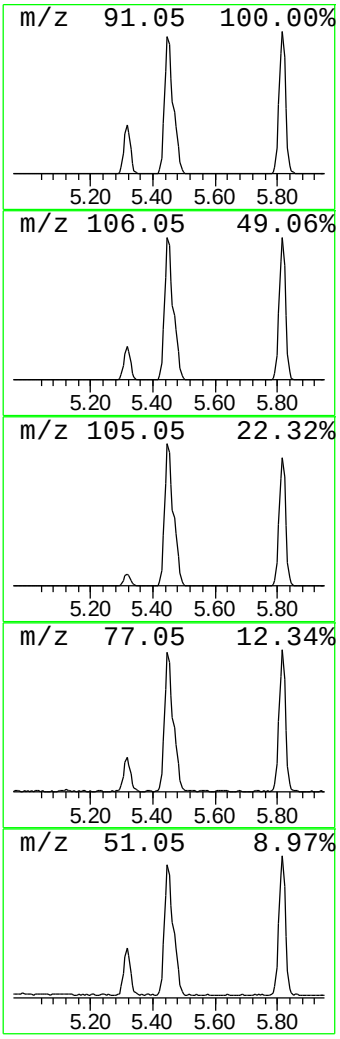
Peak Number 7 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	29.75 ng/ul	1583310	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	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	o-Xylene	106	C8H10	000095-47-6	97





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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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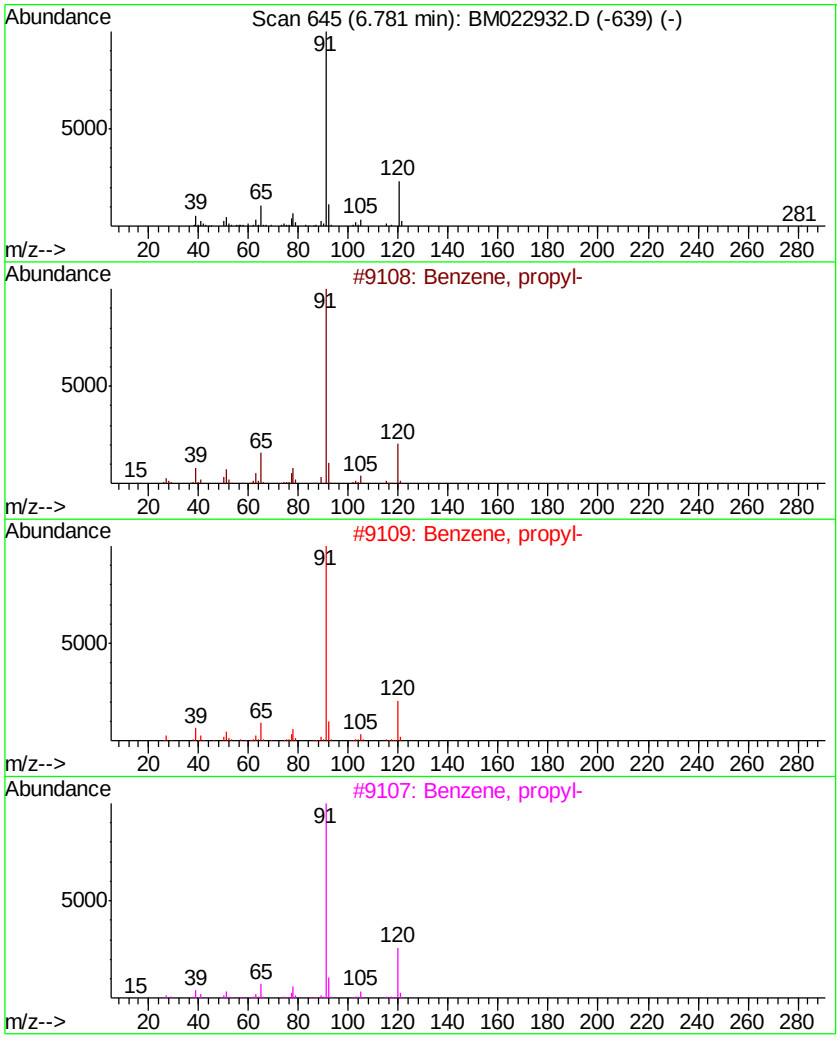
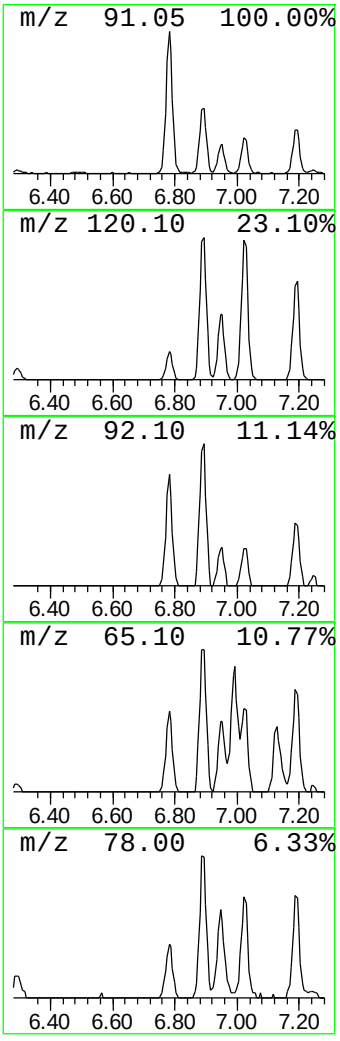
Peak Number 9 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	3.85 ng/ul	204773	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





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Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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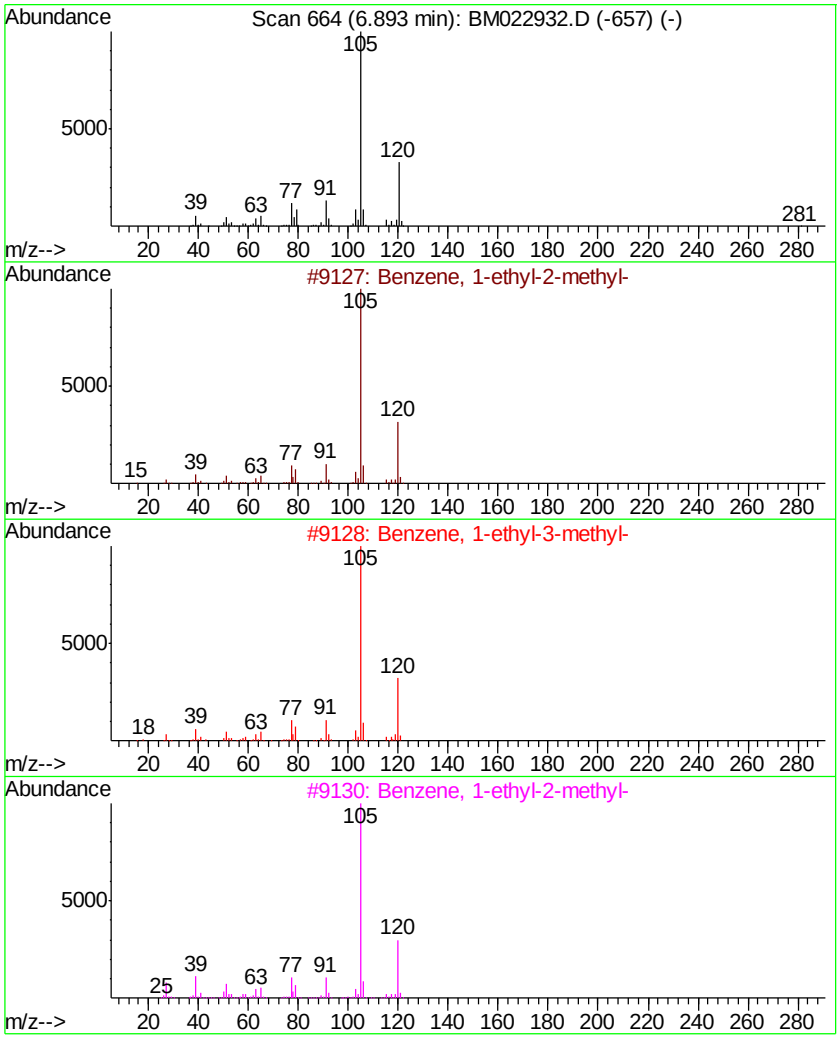
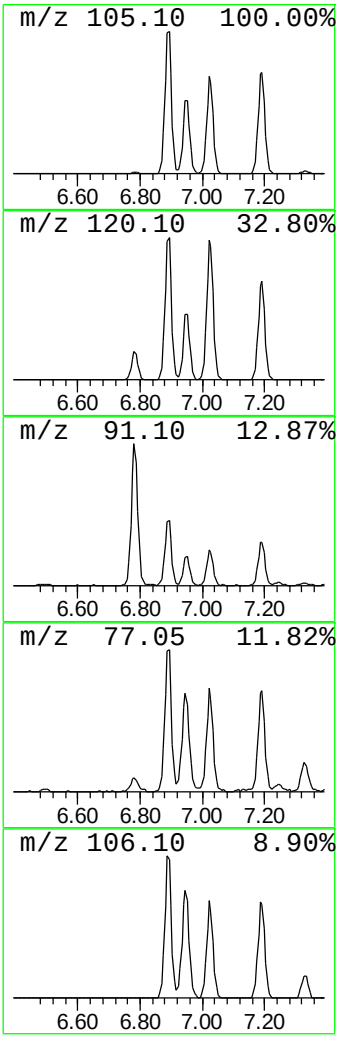
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	14.99 ng/ul	797519	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Operator : JU
Sample : K4983-03RX
Misc :
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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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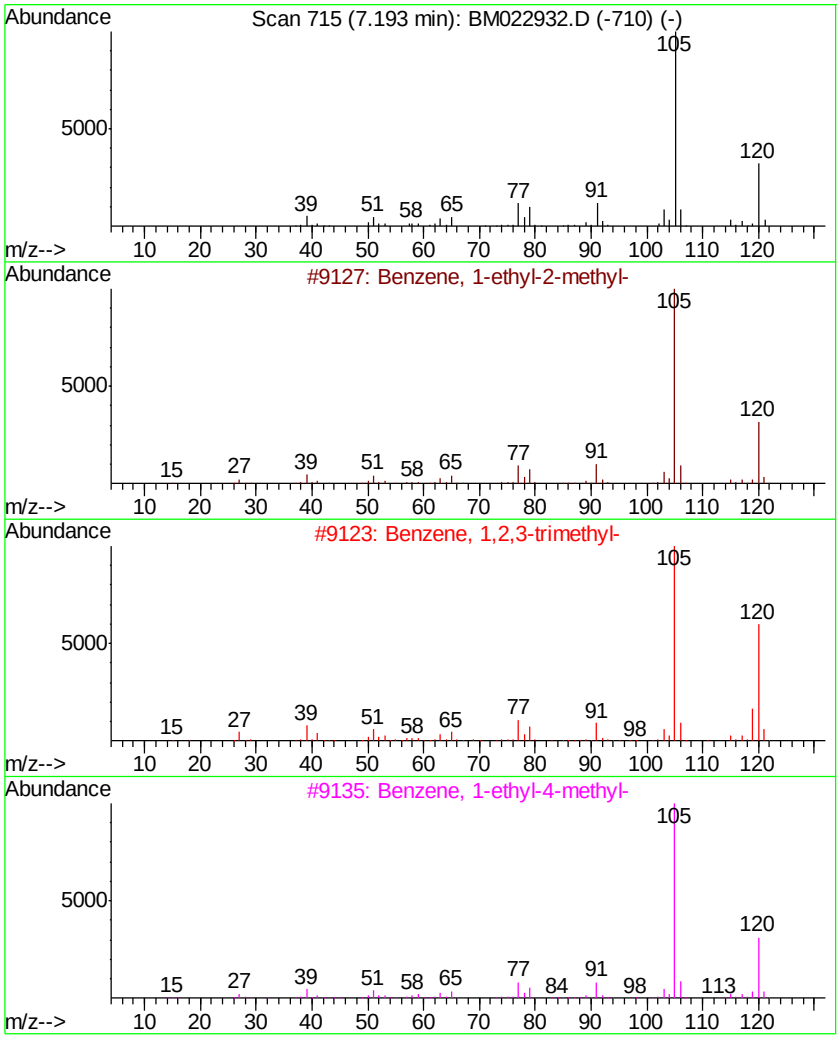
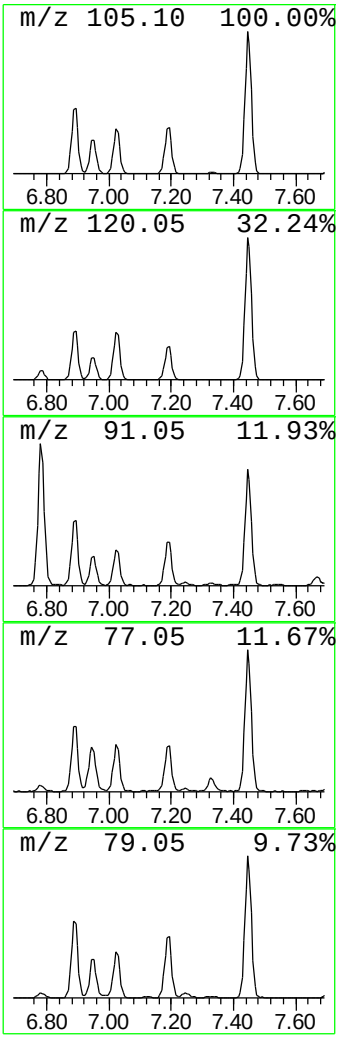
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	11.12 ng/ul	591657	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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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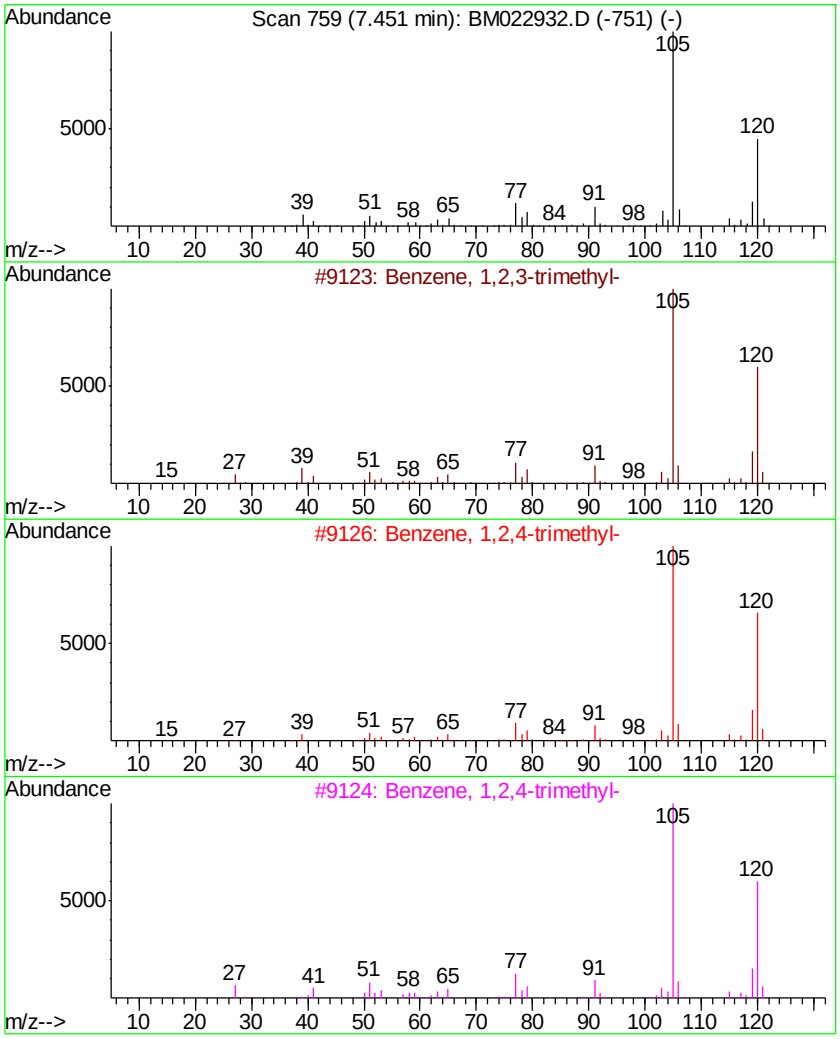
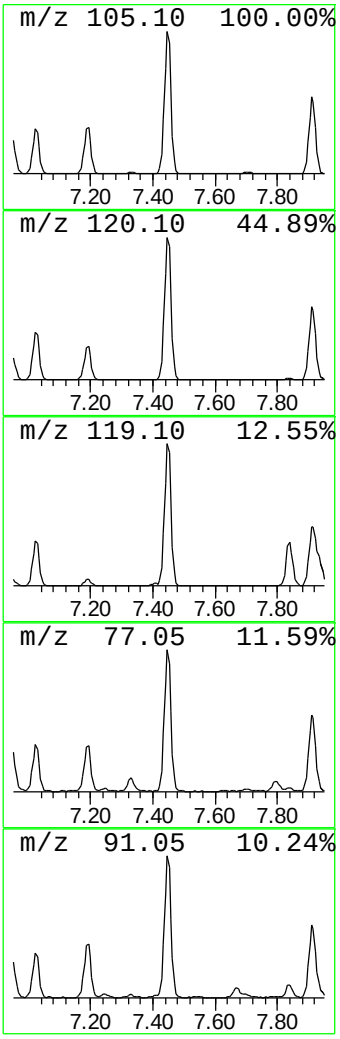
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	34.87 ng/ul	1855520	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	95
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Sample : K4983-03RX
Misc :
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Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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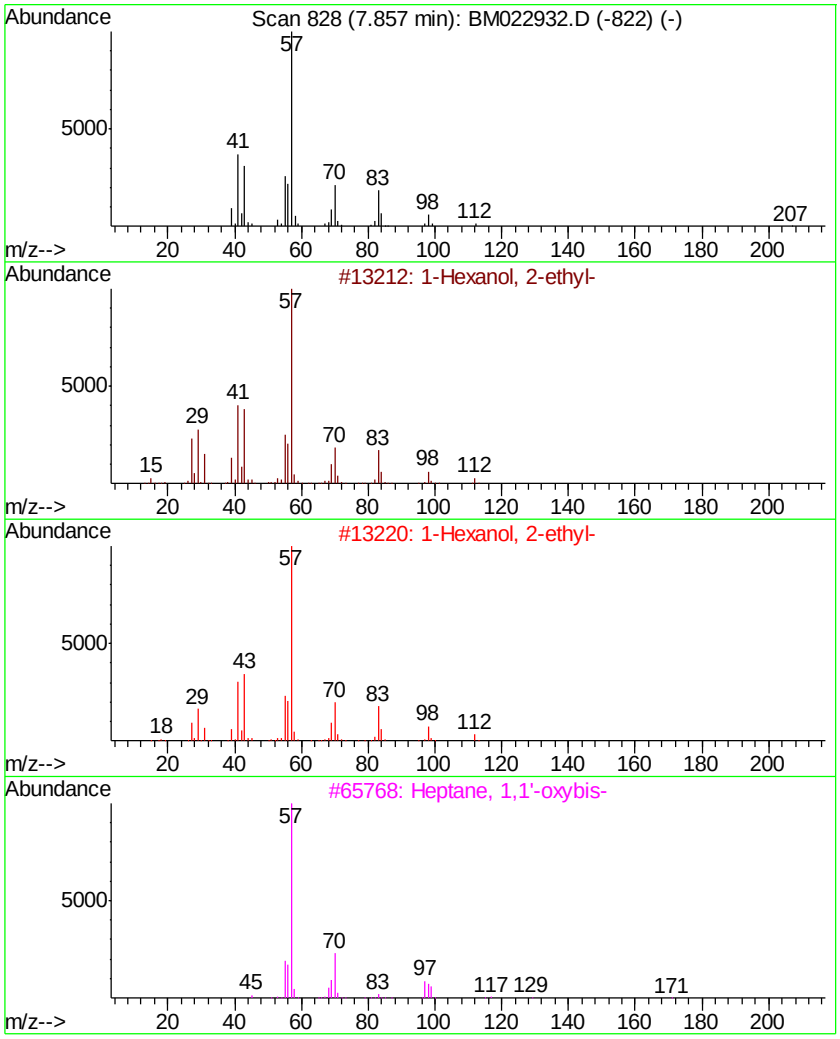
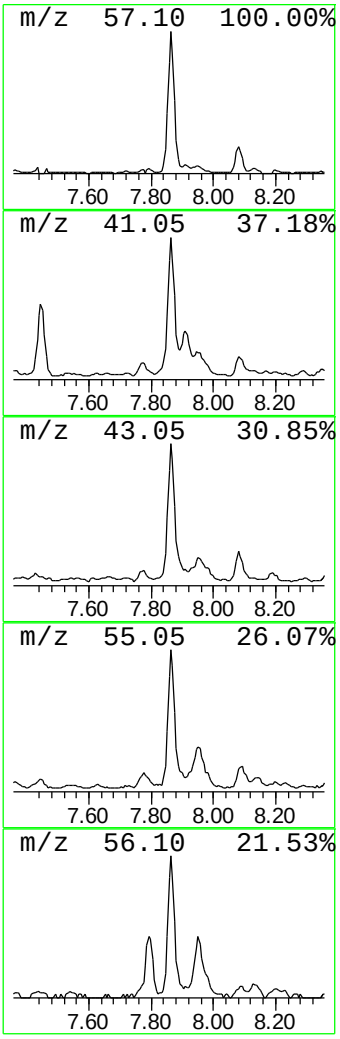
Peak Number 13 1-Hexanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	7.57 ng/ul	403009	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	83
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
5	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	43





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Quant Title : SVOA CALIBRATION

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

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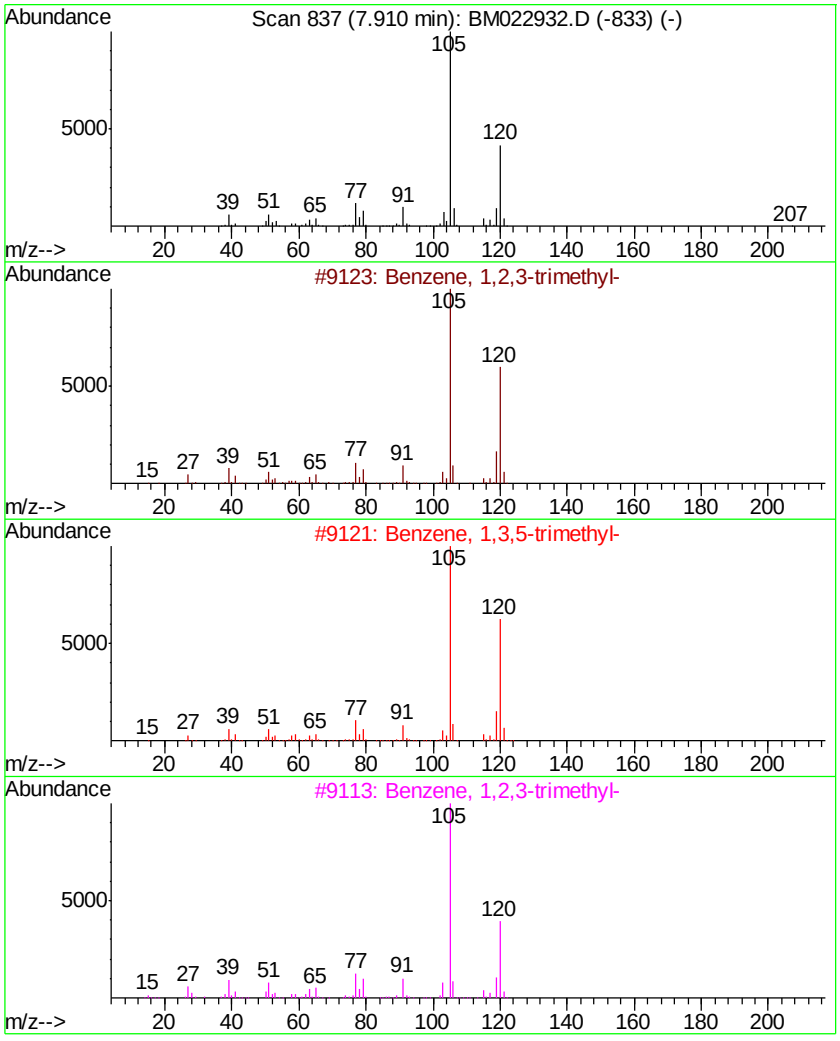
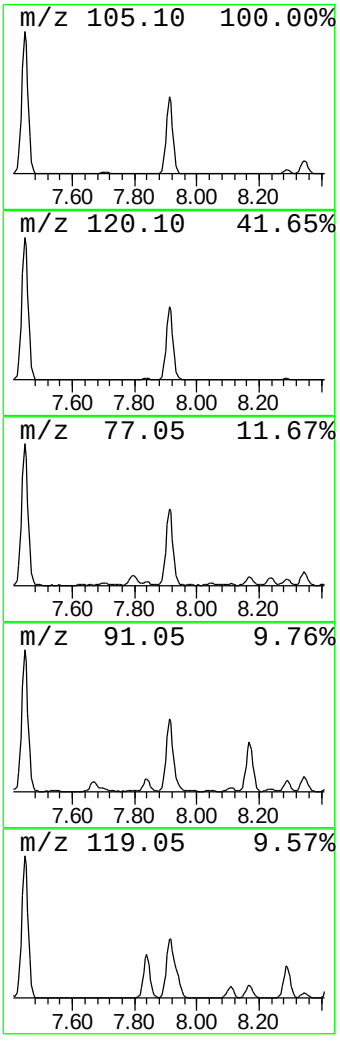
Peak Number 14 Benzene, 1,3,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	21.64 ng/ul	1151770	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	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Quant Title : SVOA CALIBRATION

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

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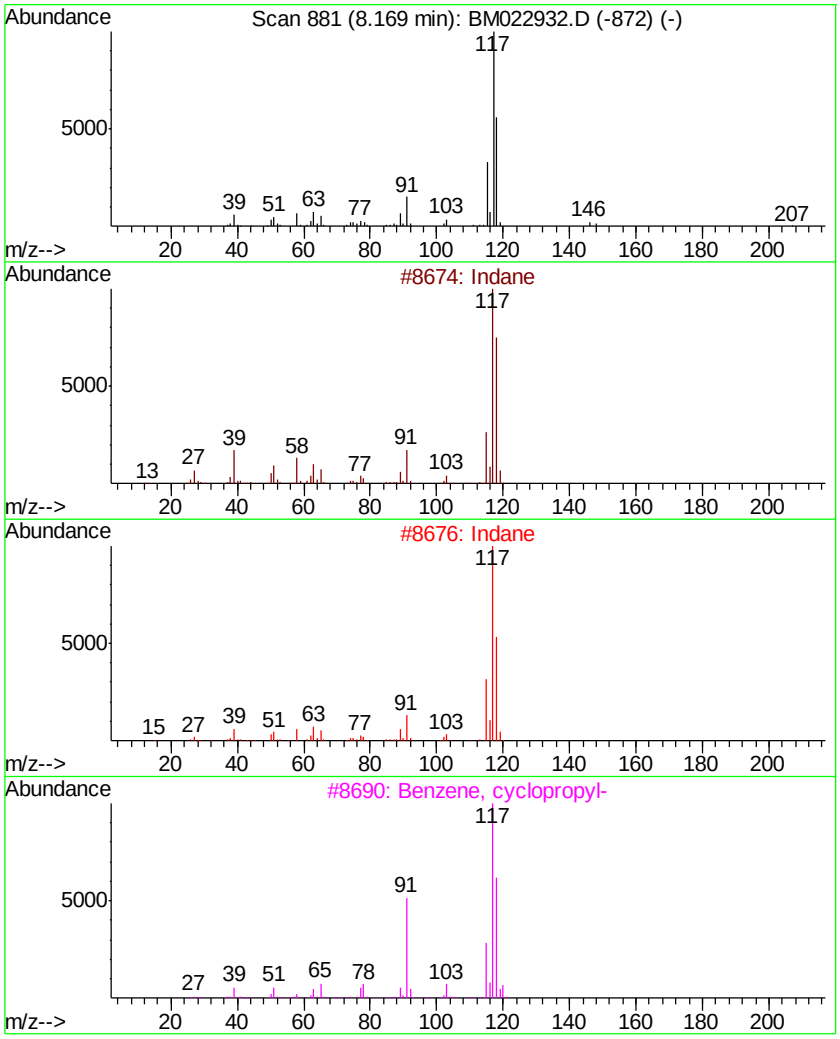
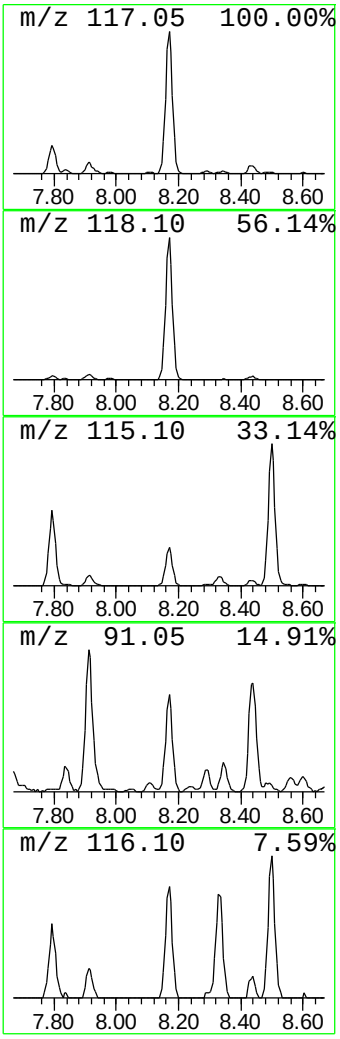
Peak Number 15 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.13 ng/ul	645703	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Indane	118	C9H10	000496-11-7	60





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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 Benzene, 1,2-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	2.61 ng/ul	138889	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
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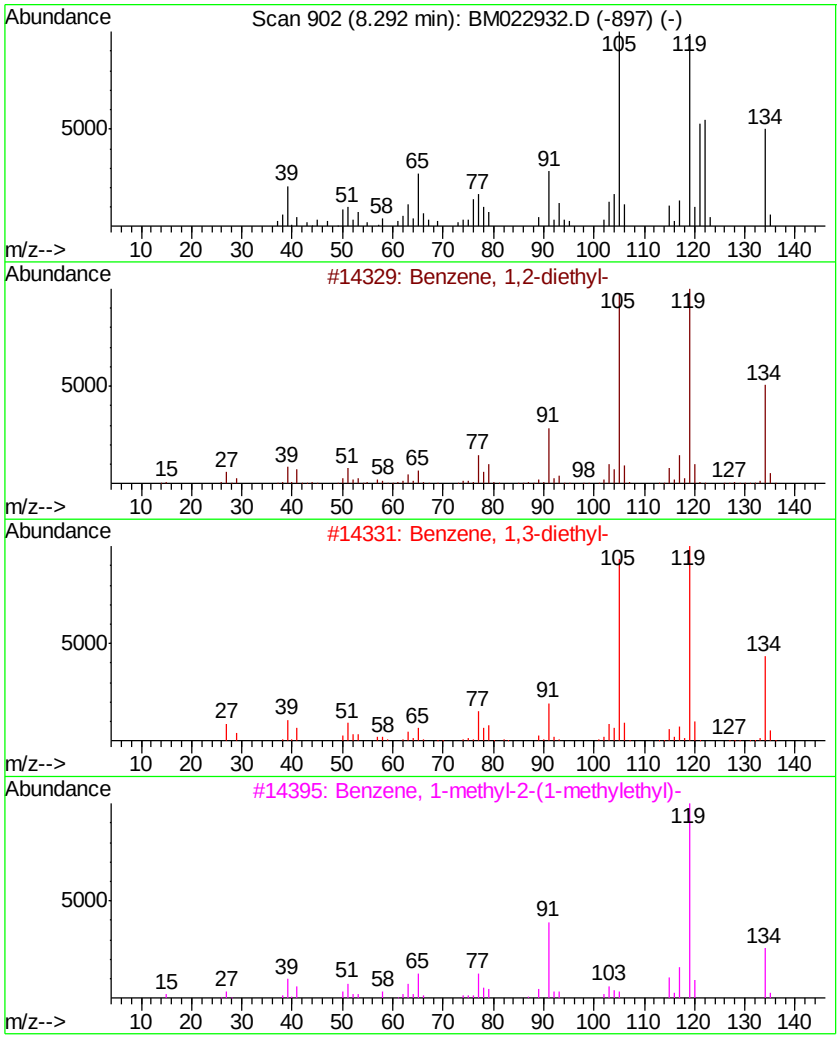

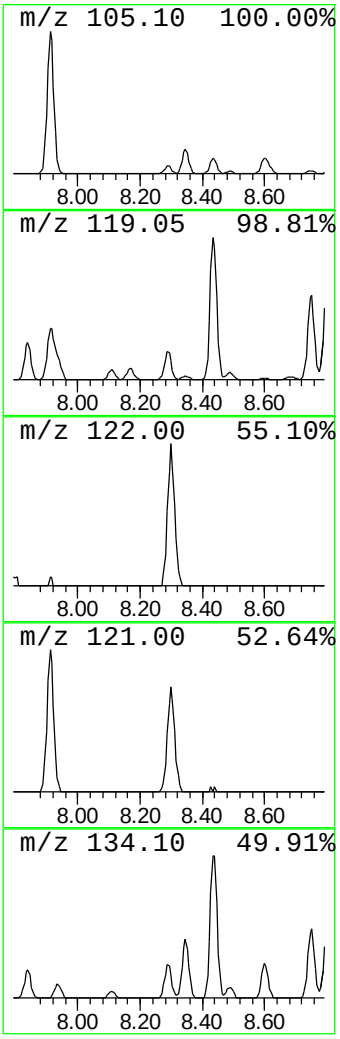

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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.92 ng/ul	208448	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
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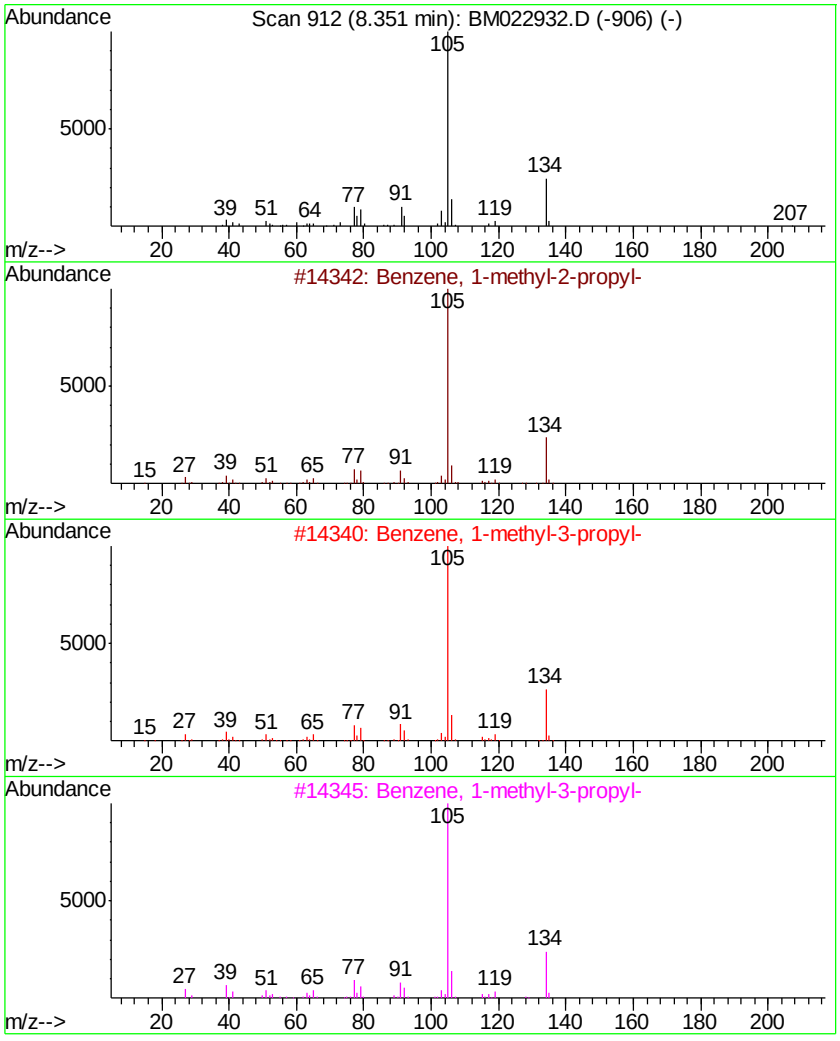

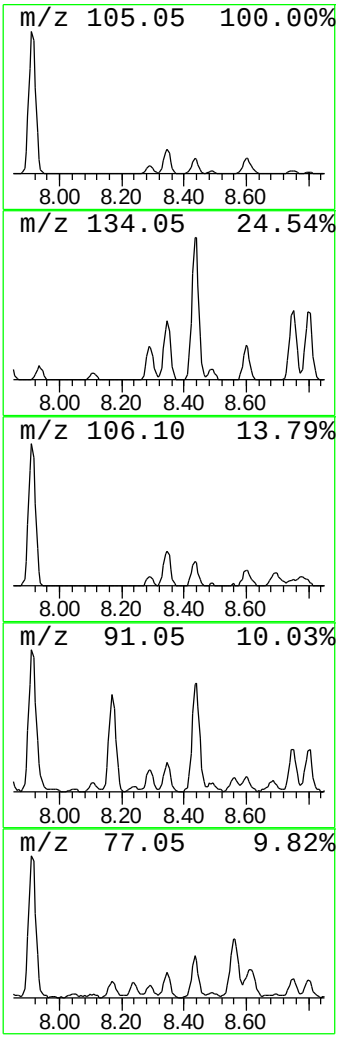

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TIC Integration Parameters: LSCINT.P

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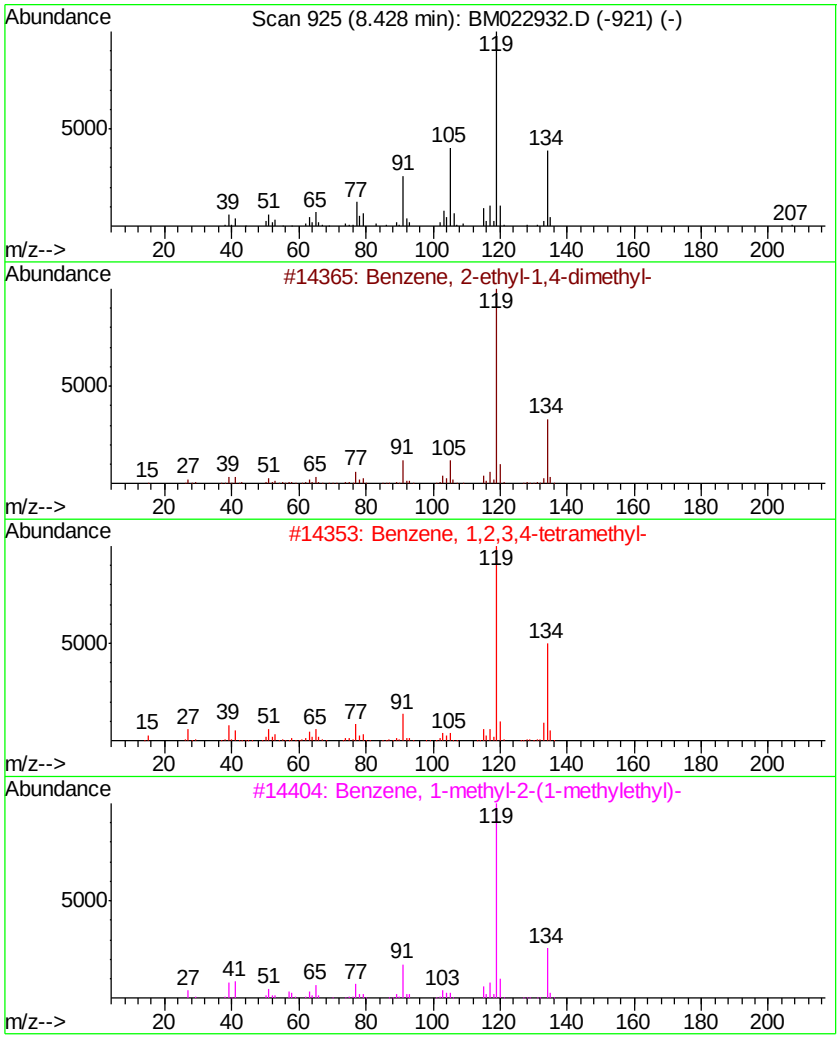
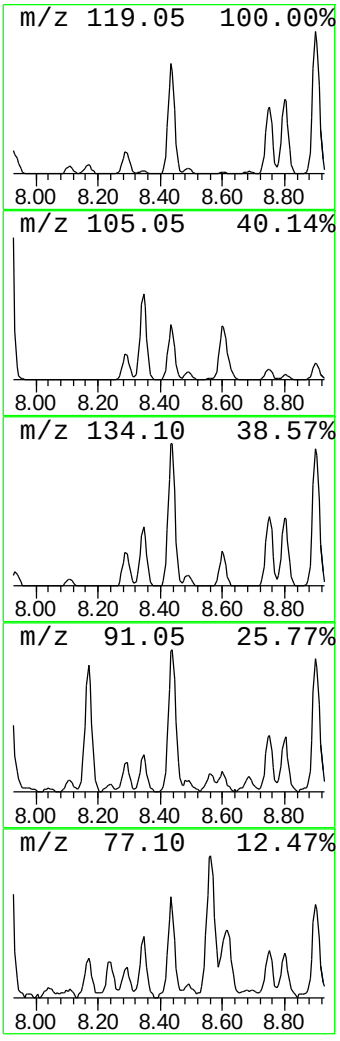
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	6.72 ng/ul	357555	1,4-Dichlorobenzene-d4	7.79

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





Library Search Compound Report

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Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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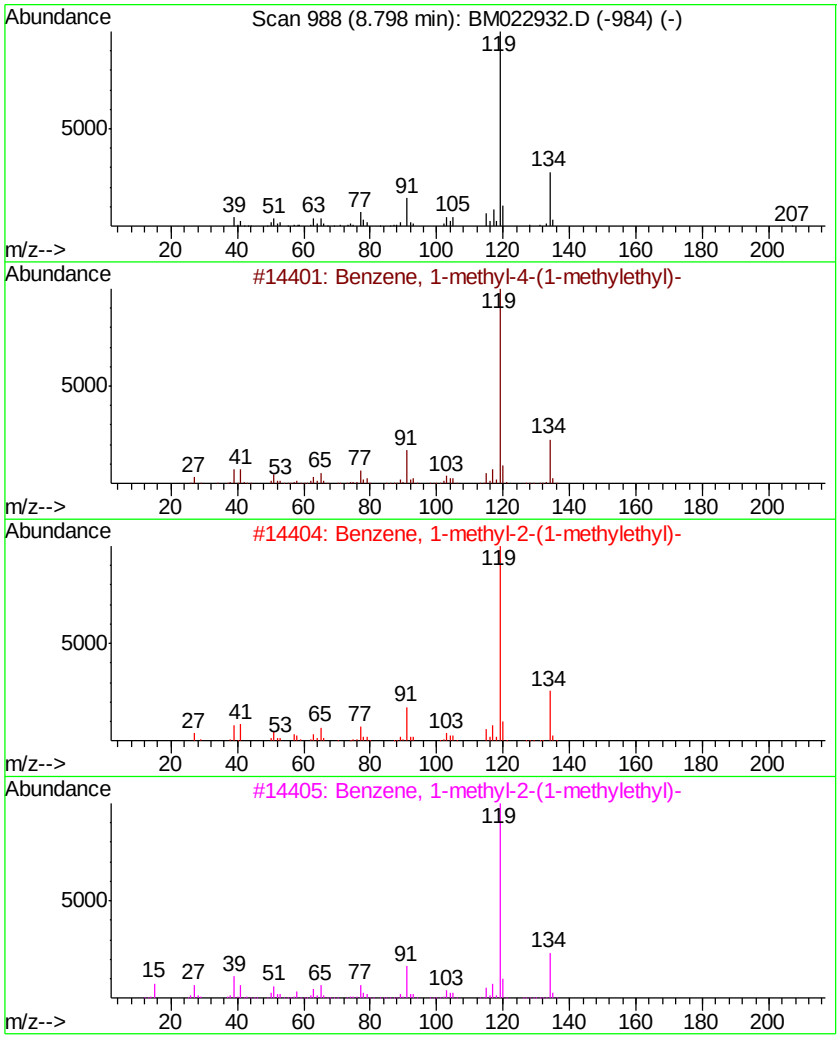
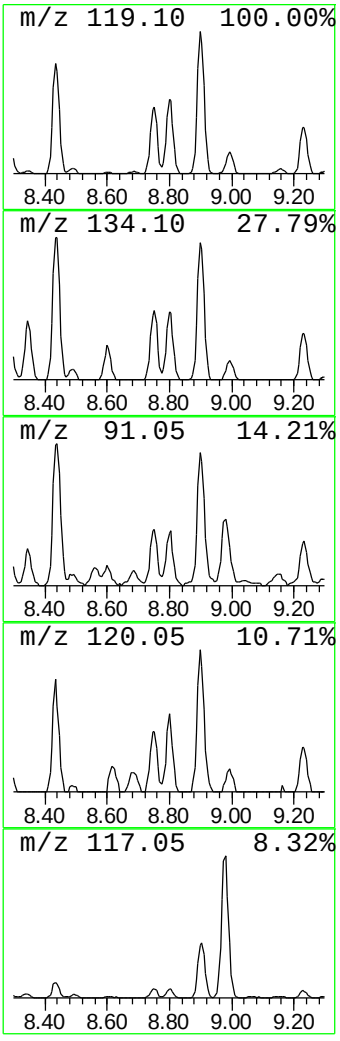
Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	3.18 ng/ul	169169	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Misc :
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Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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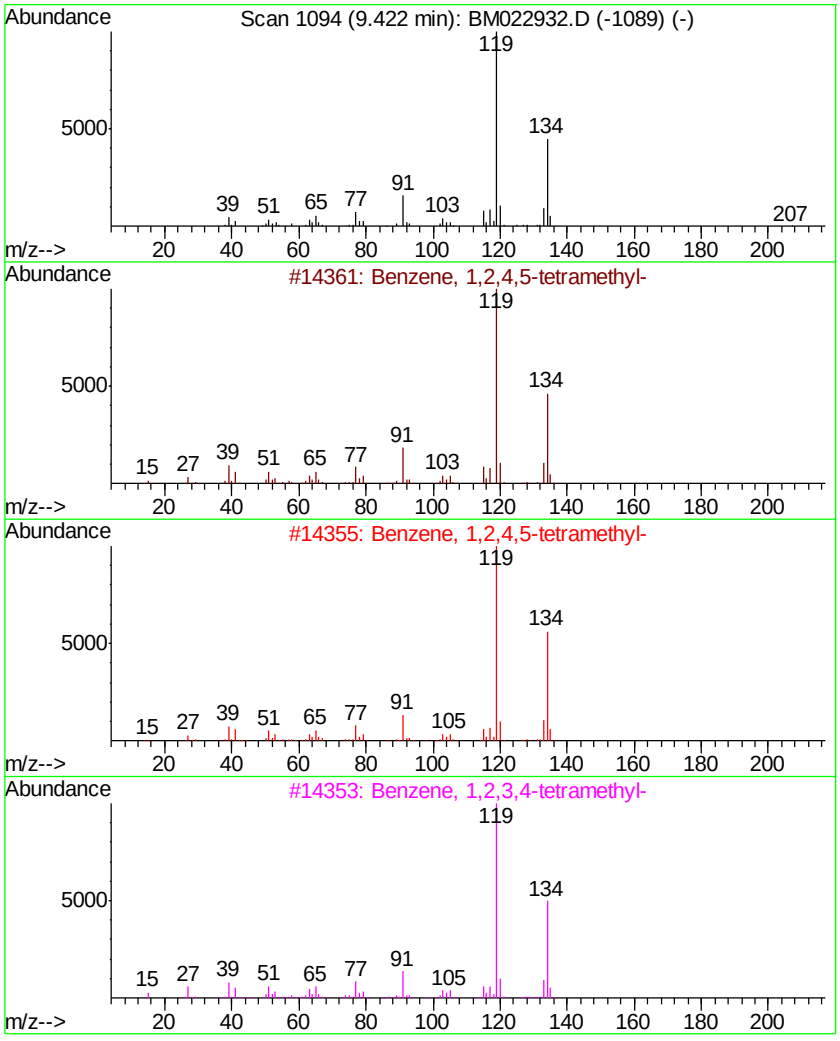
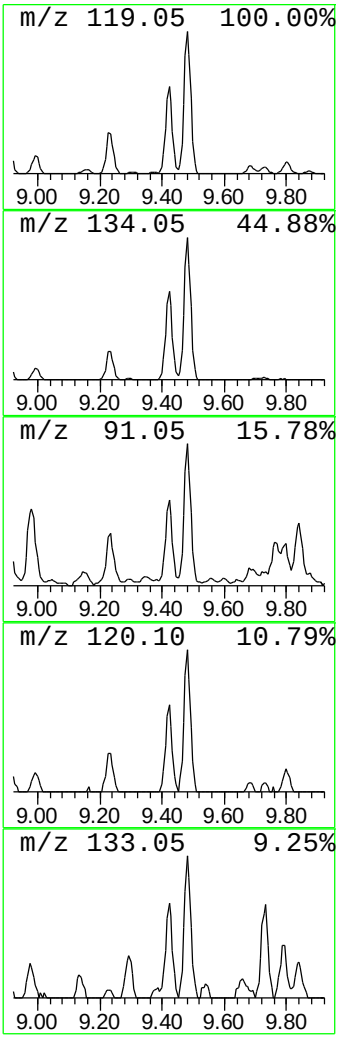
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.84 ng/ul	250413	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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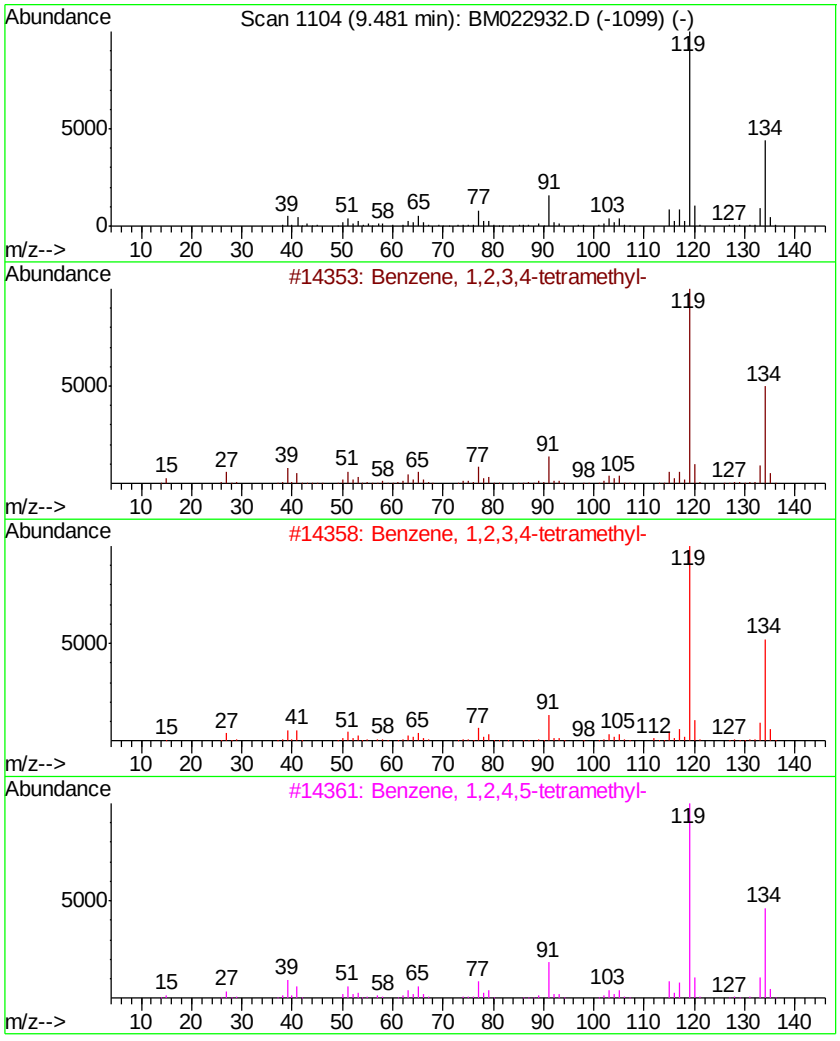
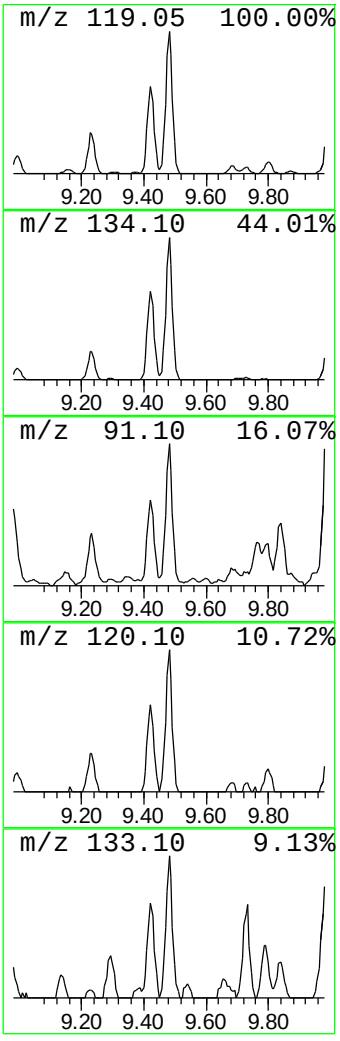
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	4.99 ng/ul	440402	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

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Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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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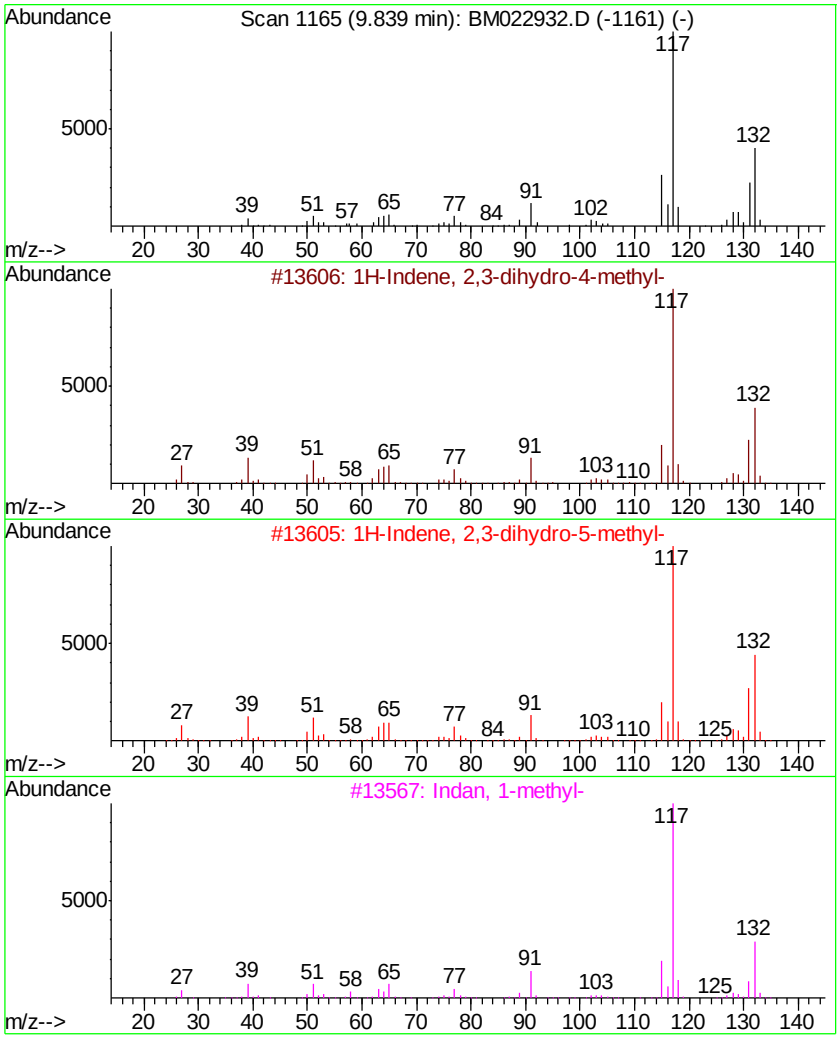
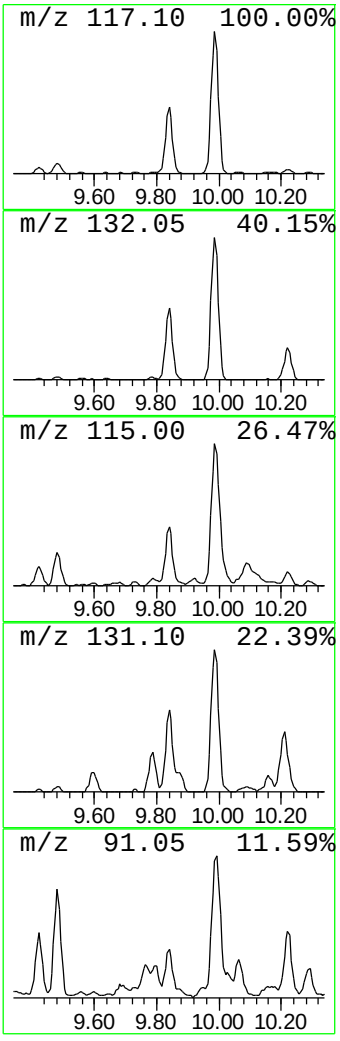
Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.03 ng/ul	267799	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	78





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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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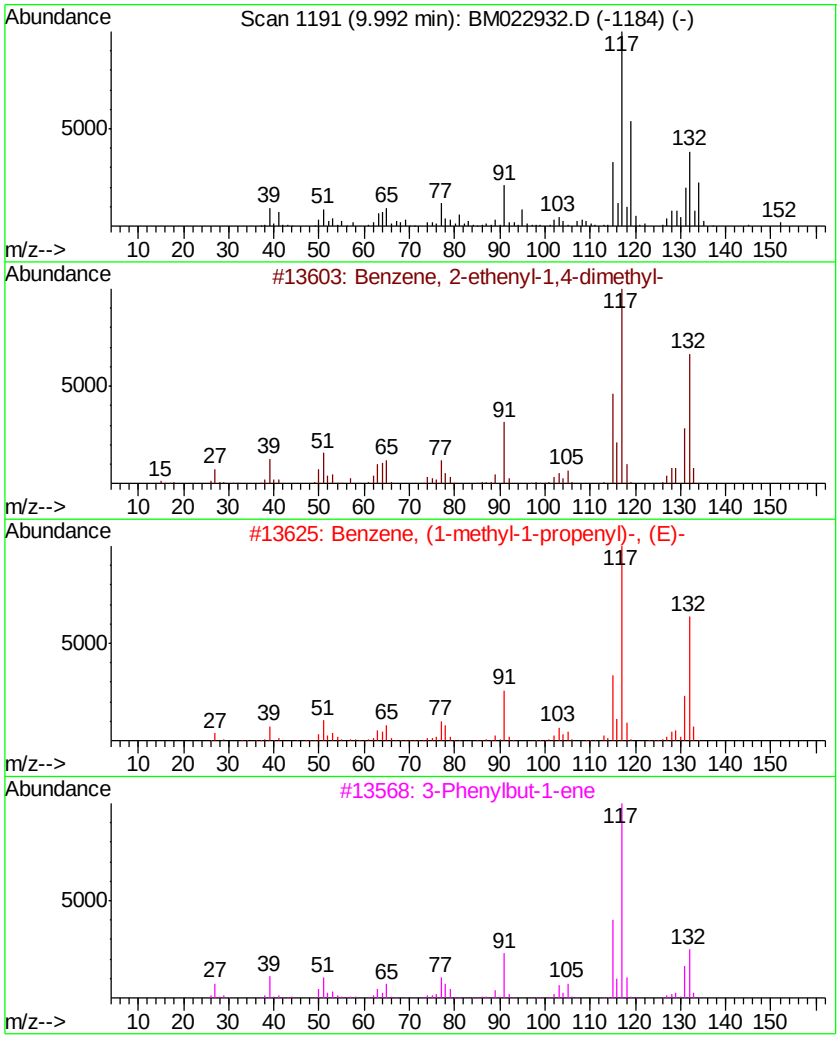
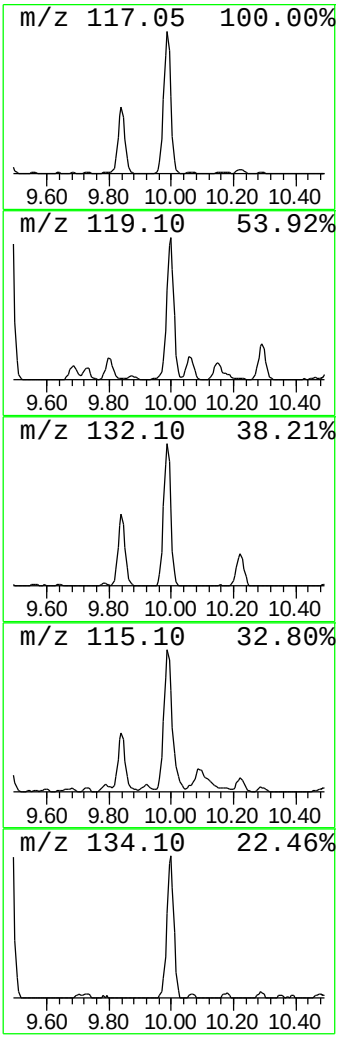
Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	13.27 ng/ul	1171300	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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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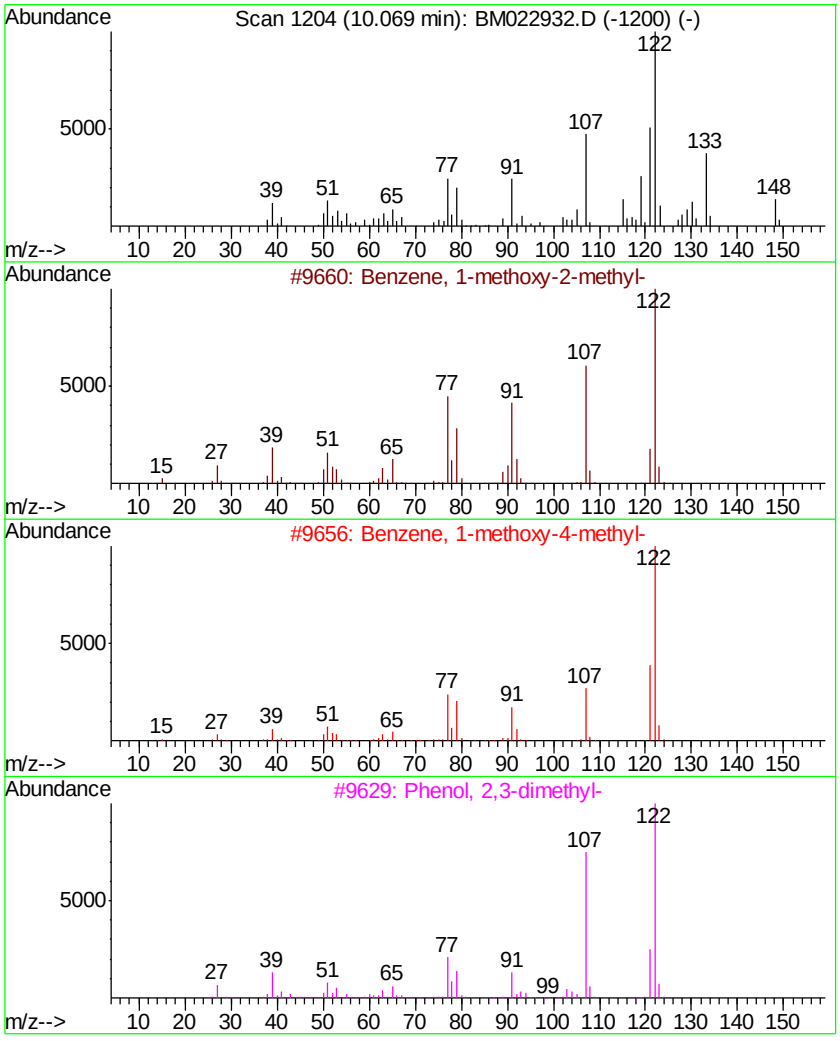
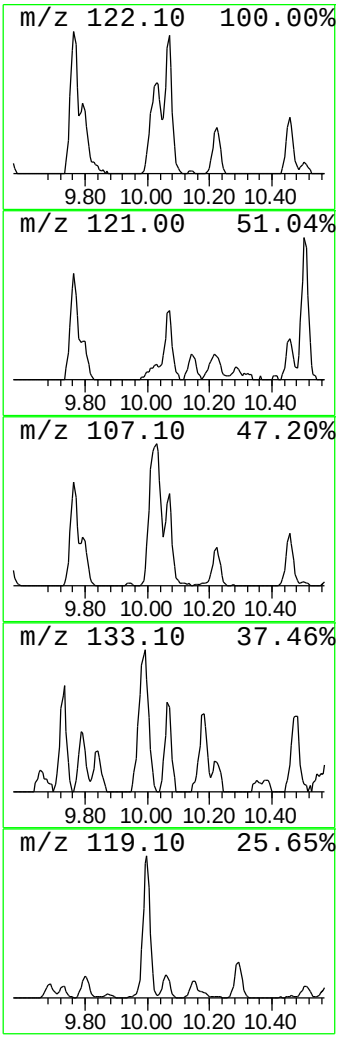
Peak Number 25 Benzene, 1-methoxy-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.72 ng/ul	239871	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	68
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	64
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	58
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	58
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	58





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Sample : K4983-03RX
Misc :
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Instrument : BNA_M
ClientSampleId : BFDF4RX

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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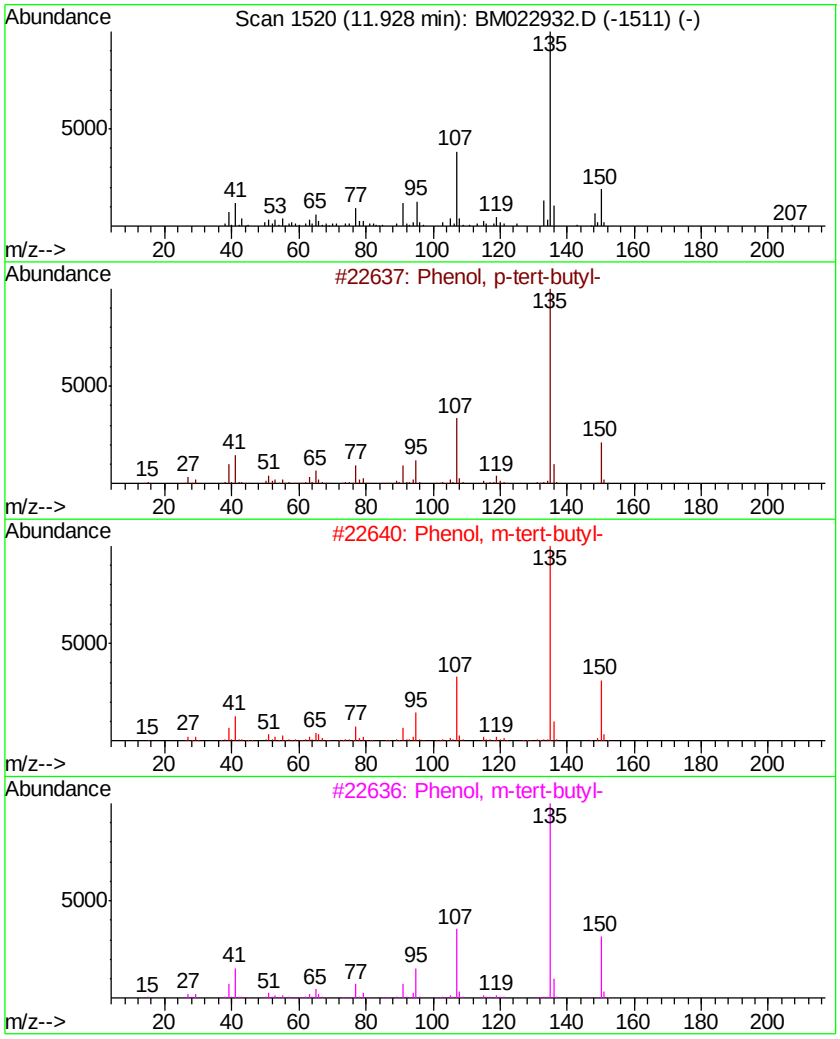
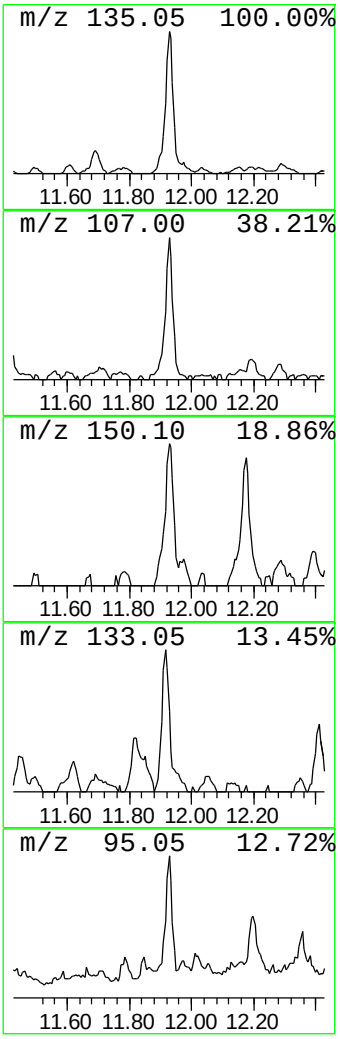
Peak Number 26 Phenol, p-tert-butyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.04 ng/ul	180249	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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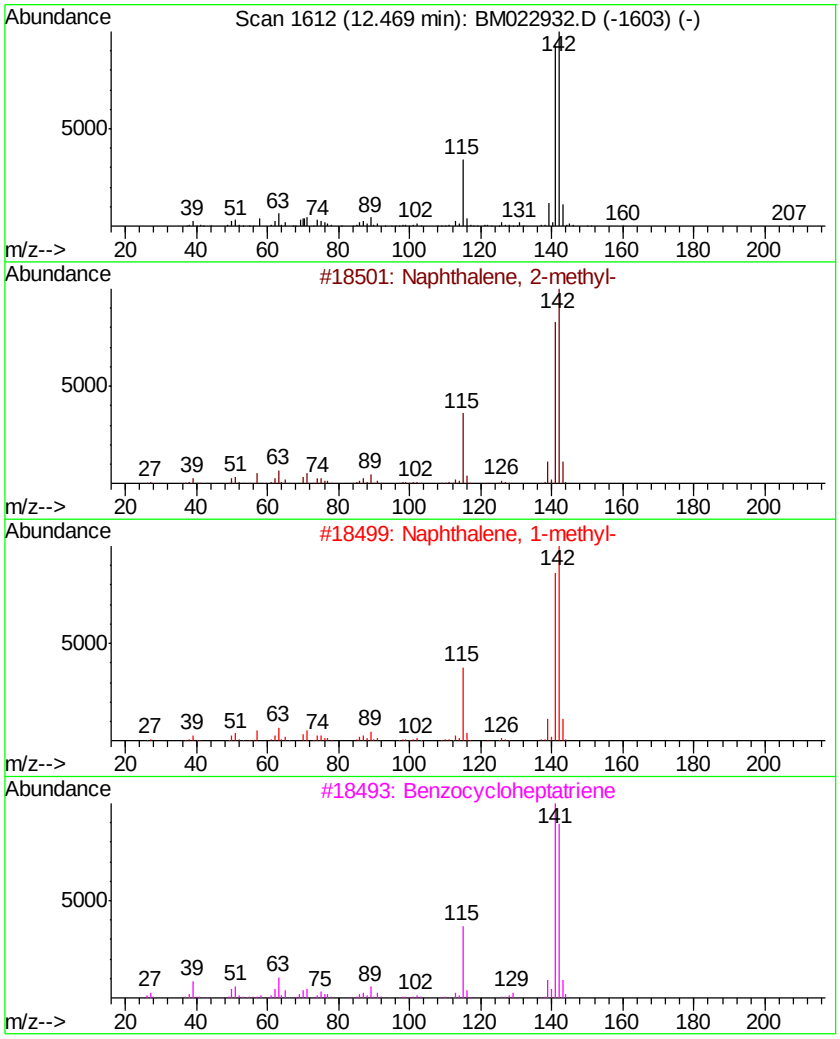
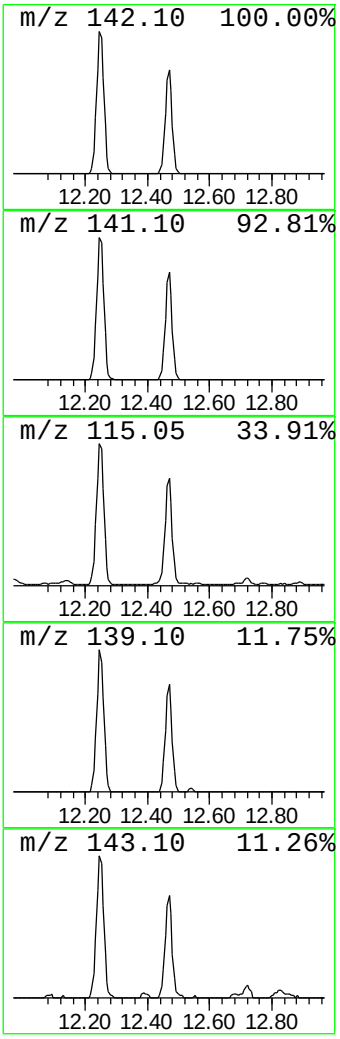
Peak Number 27 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	7.39 ng/ul	652227	Naphthalene-d8	10.59

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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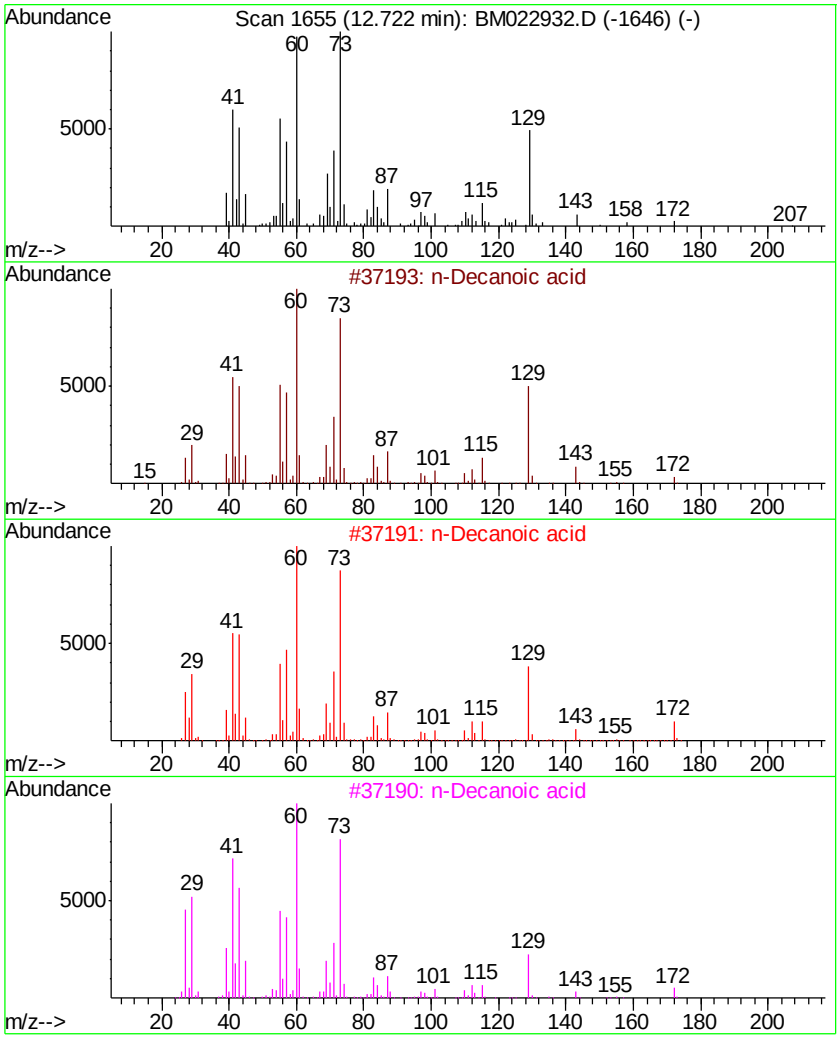
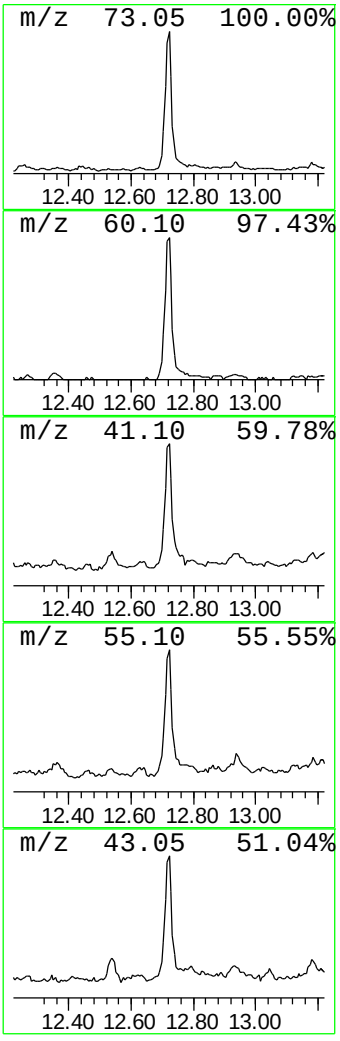
Peak Number 28 n-Decanoic acid Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.56 ng/ul	259104	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	93
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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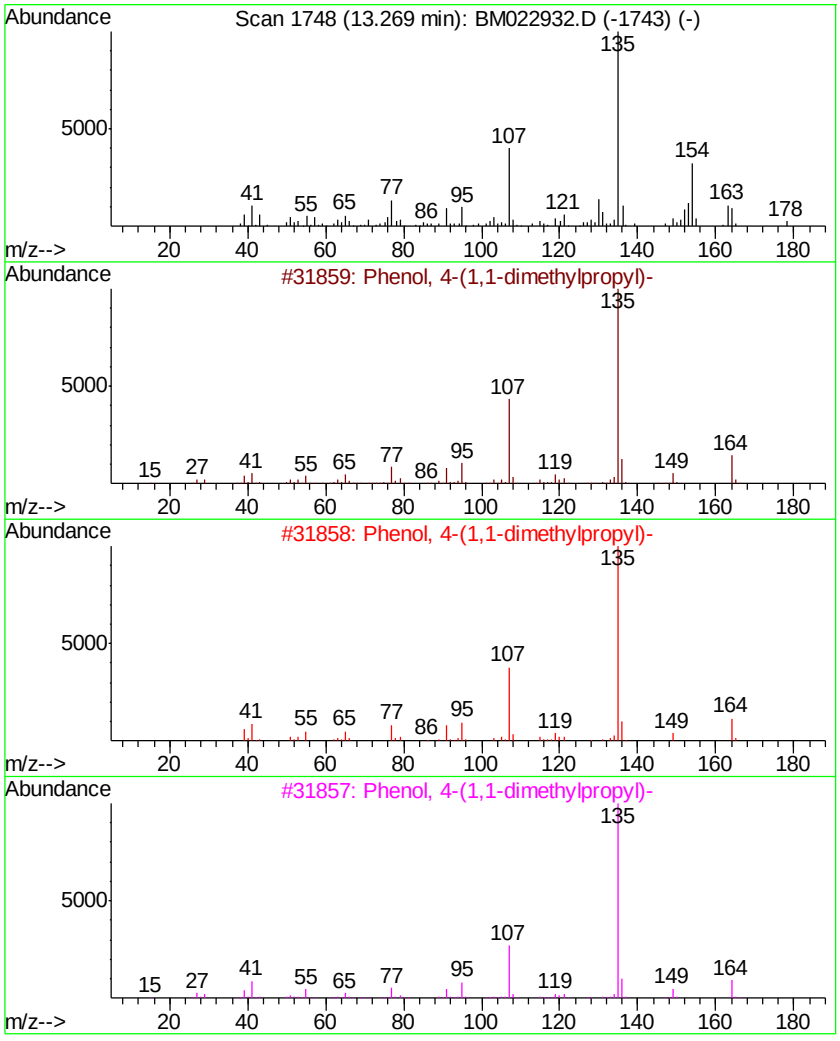
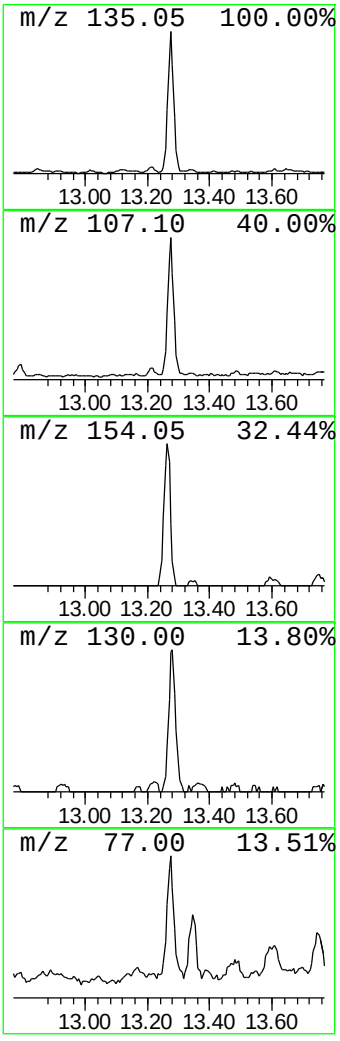
Peak Number 29 Phenol, 4-(1,1-dimethylprop... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.10 ng/ul	313557	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	93
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	76
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : BFDF4RX

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Quant Title : SVOA CALIBRATION

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

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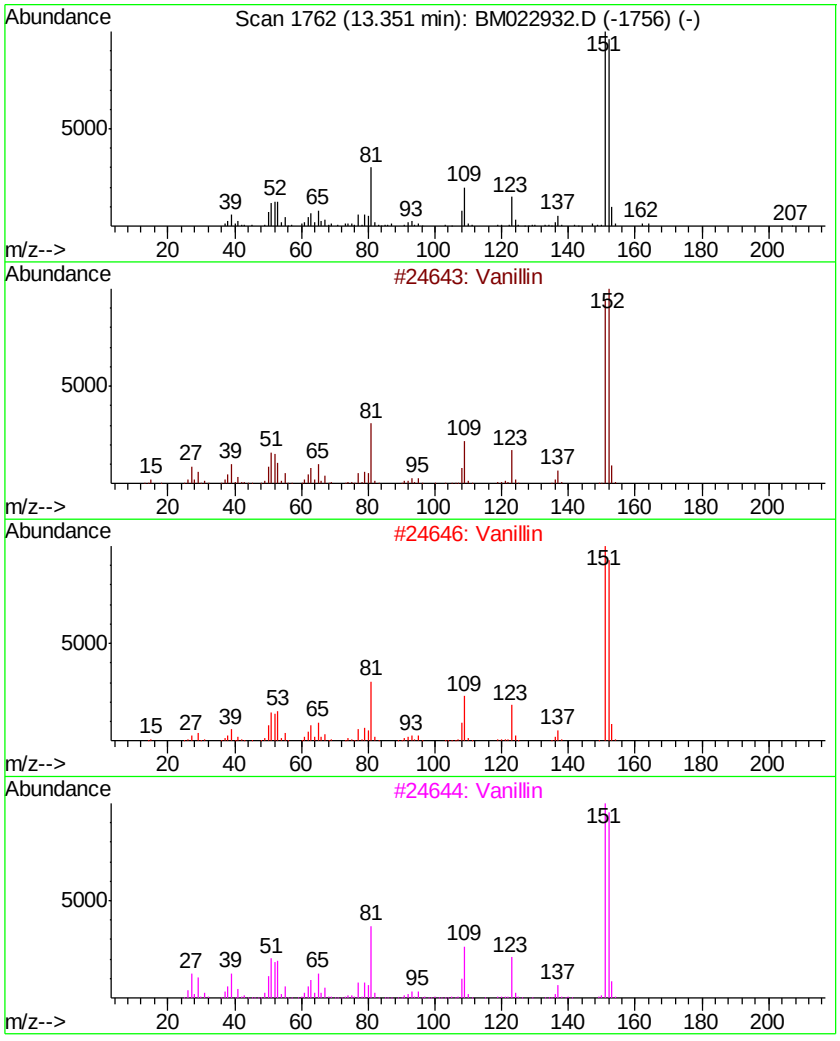
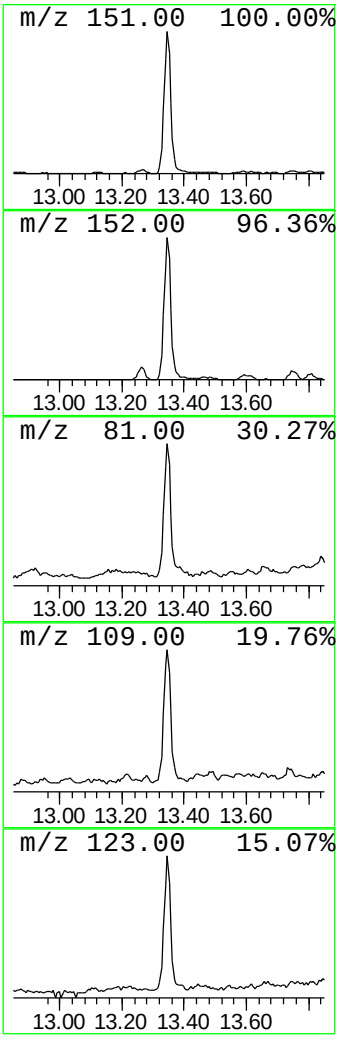
Peak Number 30 Vanillin Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.88 ng/ul	392205	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	97
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022932.D
Acq On : 03 Oct 2019 22:49
Operator : JU
Sample : K4983-03RX
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF4RX

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
Propanoic acid, 1...	3.73	4.5	ng/ul	238600	1	7.79	1064290	20.0
Toluene	4.00	7.0	ng/ul	374125	1	7.79	1064290	20.0
Propanoic acid, 2...	4.26	12.2	ng/ul	650322	1	7.79	1064290	20.0
Propanoic acid, p...	4.44	6.9	ng/ul	369527	1	7.79	1064290	20.0
Butanoic acid, 1-...	4.89	19.1	ng/ul	1018700	1	7.79	1064290	20.0
Ethylbenzene	5.32	6.5	ng/ul	348258	1	7.79	1064290	20.0
p-Xylene	5.45	29.8	ng/ul	1583310	1	7.79	1064290	20.0
Benzene, propyl-	6.78	3.9	ng/ul	204773	1	7.79	1064290	20.0
Benzene, 1-ethyl-...	6.89	15.0	ng/ul	797519	1	7.79	1064290	20.0
Benzene, 1,2,3-tr...	7.19	11.1	ng/ul	591657	1	7.79	1064290	20.0
Benzene, 1,2,4-tr...	7.45	34.9	ng/ul	1855520	1	7.79	1064290	20.0
1-Hexanol, 2-ethyl-	7.86	7.6	ng/ul	403009	1	7.79	1064290	20.0
Benzene, 1,3,5-tr...	7.91	21.6	ng/ul	1151770	1	7.79	1064290	20.0
Indane	8.17	12.1	ng/ul	645703	1	7.79	1064290	20.0
Benzene, 1,2-diet...	8.29	2.6	ng/ul	138889	1	7.79	1064290	20.0
Benzene, 1-methyl...	8.35	3.9	ng/ul	208448	1	7.79	1064290	20.0
Benzene, 2-ethyl-...	8.43	6.7	ng/ul	357555	1	7.79	1064290	20.0
Benzene, 1-methyl...	8.80	3.2	ng/ul	169169	1	7.79	1064290	20.0
Benzene, 1,2,4,5-...	9.42	2.8	ng/ul	250413	2	10.59	1765730	20.0
Benzene, 1,2,3,4-...	9.48	5.0	ng/ul	440402	2	10.59	1765730	20.0
1H-Indene, 2,3-di...	9.84	3.0	ng/ul	267799	2	10.59	1765730	20.0
Benzene, 2-etheny...	9.99	13.3	ng/ul	1171300	2	10.59	1765730	20.0
Benzene, 1-methox...	10.07	2.7	ng/ul	239871	2	10.59	1765730	20.0
Phenol, p-tert-bu...	11.93	2.0	ng/ul	180249	2	10.59	1765730	20.0
Naphthalene, 1-me...	12.47	7.4	ng/ul	652227	2	10.59	1765730	20.0
n-Decanoic acid	12.72	2.6	ng/ul	259104	3	14.43	2022620	20.0
Phenol, 4-(1,1-di...	13.27	3.1	ng/ul	313557	3	14.43	2022620	20.0
Vanillin	13.35	3.9	ng/ul	392205	3	14.43	2022620	20.0