LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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	3.304	50	54	69	rVV	3212610	3944508	67.46%	3.198%
2	3.669	112	116	122	rBV	110650	150796	2.58%	0.122%
3	3.734	122	127	132	rBV	311737	389018	6.65%	0.315%
4	4.004	165	173	185	rVB2	511692	875569	14.97%	0.710%
5	4.269	213	218	225	rBV	682227	873832	14.94%	0.708%
6	4.445	243	248	256	rBV	1013369	1325216	22.66%	1.074%
7	4.898	317	325	335	rVV	1158064	1577215	26.97%	1.279%
8	5.322	391	397	404	rVV	474890	686311	11.74%	0.556%
9	5.457	414	420	436	rVB	570473	1386306	23.71%	1.124%
10	5.763	466	472	477	rBV	190228	264191	4.52%	0.214%
11	5.822	477	482	489	rVB	685878	979485	16.75%	0.794%
12	6.787	639	646	658	rBV	300135	534289	9.14%	0.433%
13	6.898	658	665	670	rVV	560356	826485	14.13%	0.670%
14	6.963	670	676	680	rVV2	607028	1266080	21.65%	1.026%
15	7.028	684	687	695	rVB	380956	574049	9.82%	0.465%
16	7.134	699	705	711	rBV	899257	1384296	23.67%	1.122%
17	7.198	711	716	722	rVV	451416	696114	11.90%	0.564%
18	7.334	732	739	748	rVV	1019651	1627914	27.84%	1.320%
19	7.457	753	760	767	rVV	2155466	3257260	55.71%	2.641%
20	7.798	811	818	823	rBV	1155003	1883803	32.22%	1.527%
21	7.839	823	825	829	rVV2	112807	180598	3.09%	0.146%
22	7.922	833	839	848	rVB	606515	1045487	17.88%	0.848%
23	8.157	873	879	880	rBV	542756	787159	13.46%	0.638%
24	8.239	888	893	898	rBV	314041	481674	8.24%	0.391%
25	8.298	898	903	907	rBV	149267	211291	3.61%	0.171%
26	8.351	907	912	919	rVB	182423	290260	4.96%	0.235%
27	8.445	922	928	933	rBV2	434096	677597	11.59%	0.549%
28	8.504	933	938	944	rBV	885440	1437285	24.58%	1.165%
29	8.569	944	949	954	rBV	504799	802566	13.73%	0.651%
30	8.610	954	956	964	rVB2	160177	222627	3.81%	0.180%
31	8.757	975	981	985	rBV	285187	430380	7.36%	0.349%
32	8.810	985	990	996	rVB	254430	399054	6.82%	0.324%
33	8.910	996	1007	1010	rBV	596683	971299	16.61%	0.787%
34	8.957	1010	1015	1019	rBV	940745	1472163	25.18%	1.194%

LSC Area Percent Report

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Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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	9.233	1053	1062	1070	rVB5	164087	515429	8.81%	0.418%
36	9.428	1083	1095	1100	rBV	381829	650026	11.12%	0.527%
37	9.486	1100	1105	1114	rVV	595917	998596	17.08%	0.810%
38	9.563	1114	1118	1123	rVB	181746	264236	4.52%	0.214%
39	9.675	1129	1137	1144	rBV	985797	1677755	28.69%	1.360%
40	9.769	1144	1153	1156	rVV	901367	1543090	26.39%	1.251%
41	9.804	1156	1159	1163	rVV2	544015	842711	14.41%	0.683%
42	9.845	1163	1166	1175	rVV	393679	657606	11.25%	0.533%
43	9.998	1186	1192	1201	rVV5	915041	2469417	42.23%	2.002%
44	10.075	1201	1205	1215	rVV2	540532	957893	16.38%	0.777%
45	10.216	1221	1229	1238	rVB2	1747467	3320861	56.79%	2.692%
46	10.298	1238	1243	1248	rVB	92509	151665	2.59%	0.123%
47	10.374	1249	1256	1261	rBV	157299	289923	4.96%	0.235%
48	10.463	1266	1271	1276	rVV	343596	580414	9.93%	0.471%
49	10.516	1276	1280	1283	rVV	121377	202642	3.47%	0.164%
50	10.592	1283	1293	1297	rVV	1752426	3196790	54.67%	2.592%
51	10.645	1297	1302	1309	rVV	2018375	3532683	60.42%	2.864%
52	10.722	1309	1315	1327	rVV2	977074	2123060	36.31%	1.721%
53	10.957	1348	1355	1360	rBV2	157873	320410	5.48%	0.260%
54	11.039	1367	1369	1378	rVB2	89358	164492	2.81%	0.133%
55	11.133	1378	1385	1390	rBV	213605	447066	7.65%	0.362%
56	11.210	1394	1398	1402	rVV2	120148	216767	3.71%	0.176%
57	11.257	1402	1406	1411	rVB	102212	162015	2.77%	0.131%
58	11.421	1419	1434	1439	rBV	242884	561988	9.61%	0.456%
59	11.510	1444	1449	1454	rVV	150913	246267	4.21%	0.200%
60	11.616	1462	1467	1472	rVV	227395	404873	6.92%	0.328%
61	11.669	1472	1476	1479	rVV	200896	351662	6.01%	0.285%
62	11.704	1479	1482	1490	rVV4	200456	362843	6.21%	0.294%
63	11.786	1491	1496	1511	rVB3	107427	254496	4.35%	0.206%
64	11.933	1511	1521	1526	rBV2	135012	338310	5.79%	0.274%
65	11.980	1526	1529	1538	rVB3	94371	167573	2.87%	0.136%
66	12.151	1553	1558	1562	rVB3	91954	168943	2.89%	0.137%
67	12.257	1569	1576	1581	rBV	1238015	1932233	33.04%	1.567%
68	12.474	1603	1613	1620	rVB	1328324	2186764	37.40%	1.773%
69	12.639	1635	1641	1645	rBV3	75998	147547	2.52%	0.120%
70	12.851	1671	1677	1686	rBV9	60331	149400	2.56%	0.121%
71	13.274	1744	1749	1756	rVB2	242391	428424	7.33%	0.347%

LSC Area Percent Report

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Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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

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Peak separation: 5

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

72	13.351	1756	1762	1769	rBV3	131910	240376	4.11%	0.195%
73	13.468	1777	1782	1784	rBV	103147	159281	2.72%	0.129%
74	13.615	1793	1807	1815	rBV3	233023	715904	12.24%	0.580%
75	13.757	1825	1831	1836	rVV	356865	696717	11.92%	0.565%
76	13.810	1836	1840	1842	rVV	242595	371665	6.36%	0.301%
77	13.845	1842	1846	1850	rVV	2632473	3835409	65.59%	3.110%
78	13.892	1850	1854	1866	rVB	2076512	2849199	48.73%	2.310%
79	13.992	1866	1871	1875	rBV	174798	281139	4.81%	0.228%
80	14.127	1888	1894	1904	rVB	3161071	4895762	83.73%	3.969%
81	14.351	1926	1932	1936	rVB4	123006	203233	3.48%	0.165%
82	14.439	1937	1947	1953	rBV	2536689	3993036	68.29%	3.237%
83	14.498	1953	1957	1964	rVB	195934	310648	5.31%	0.252%
84	14.633	1972	1980	1986	rBV2	296247	546285	9.34%	0.443%
85	14.833	2009	2014	2021	rVB4	97643	215776	3.69%	0.175%
86	15.204	2073	2077	2079	rBV	114941	156771	2.68%	0.127%
87	15.233	2079	2082	2091	rVV3	147937	371315	6.35%	0.301%
88	15.427	2109	2115	2121	rBV	4046537	5686162	97.24%	4.610%
89	15.480	2121	2124	2128	rVB2	125216	157821	2.70%	0.128%
90	15.545	2129	2135	2141	rBV	1116465	1602222	27.40%	1.299%
91	17.174	2406	2412	2417	rBV2	2643946	3808886	65.14%	3.088%
92	17.215	2417	2419	2423	rVV	203123	256278	4.38%	0.208%
93	17.274	2423	2429	2439	rVB	4109573	5767241	98.63%	4.676%
94	17.539	2470	2474	2478	rBV2	146733	235613	4.03%	0.191%
95	18.074	2557	2565	2574	rBV2	459106	830987	14.21%	0.674%
96	19.568	2813	2819	2833	rBV	4307780	5847291	100.00%	4.741%
97	21.068	3071	3074	3080	rVB	689871	772409	13.21%	0.626%
98	21.356	3118	3123	3136	rBV	2466570	3182962	54.43%	2.581%
99	23.480	3477	3484	3496	rVB	2720402	5216574	89.21%	4.229%
100	23.621	3502	3508	3517	rVB	1654440	3235969	55.34%	2.624%

Sum of corrected areas: 123341978

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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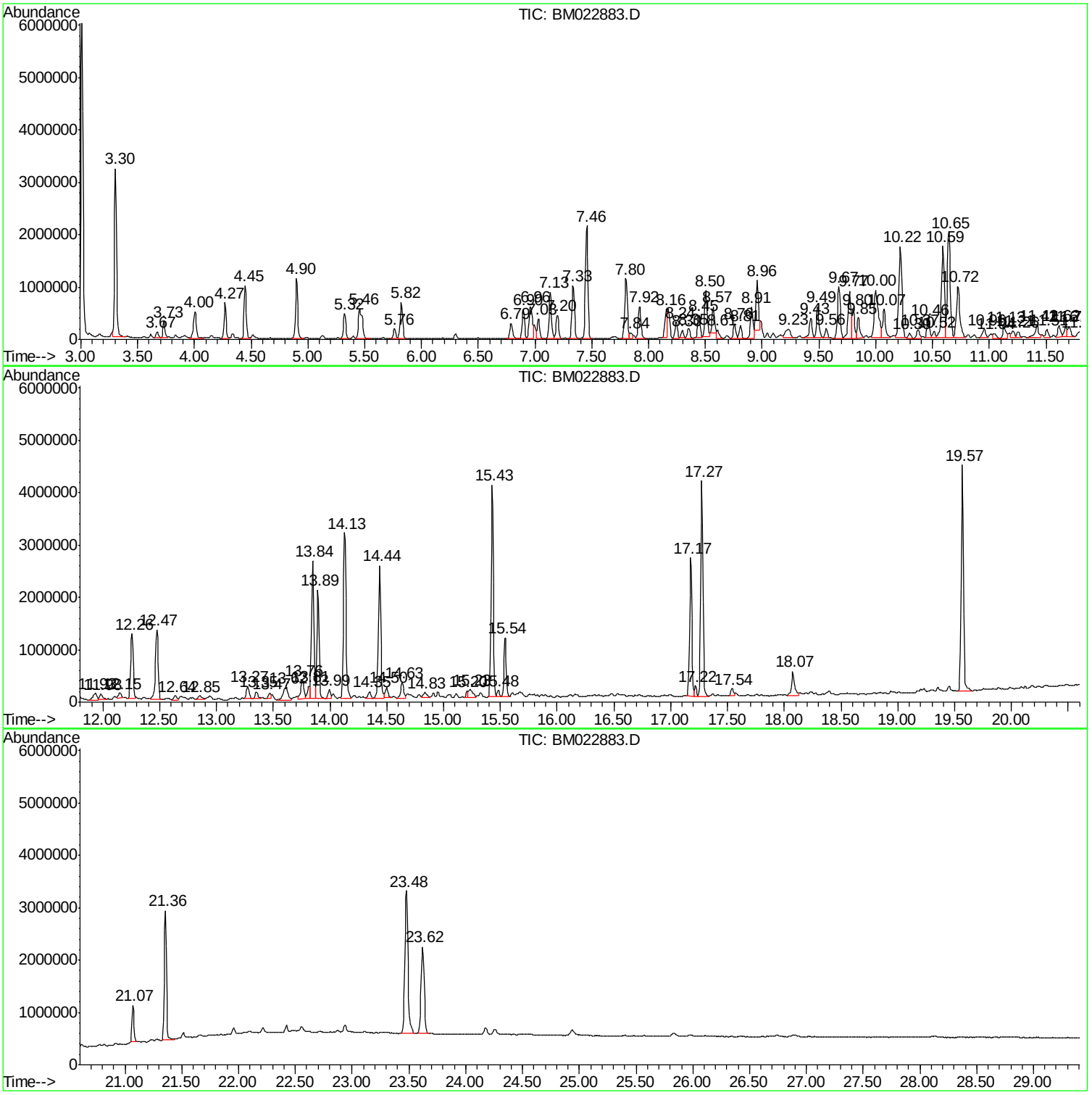
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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

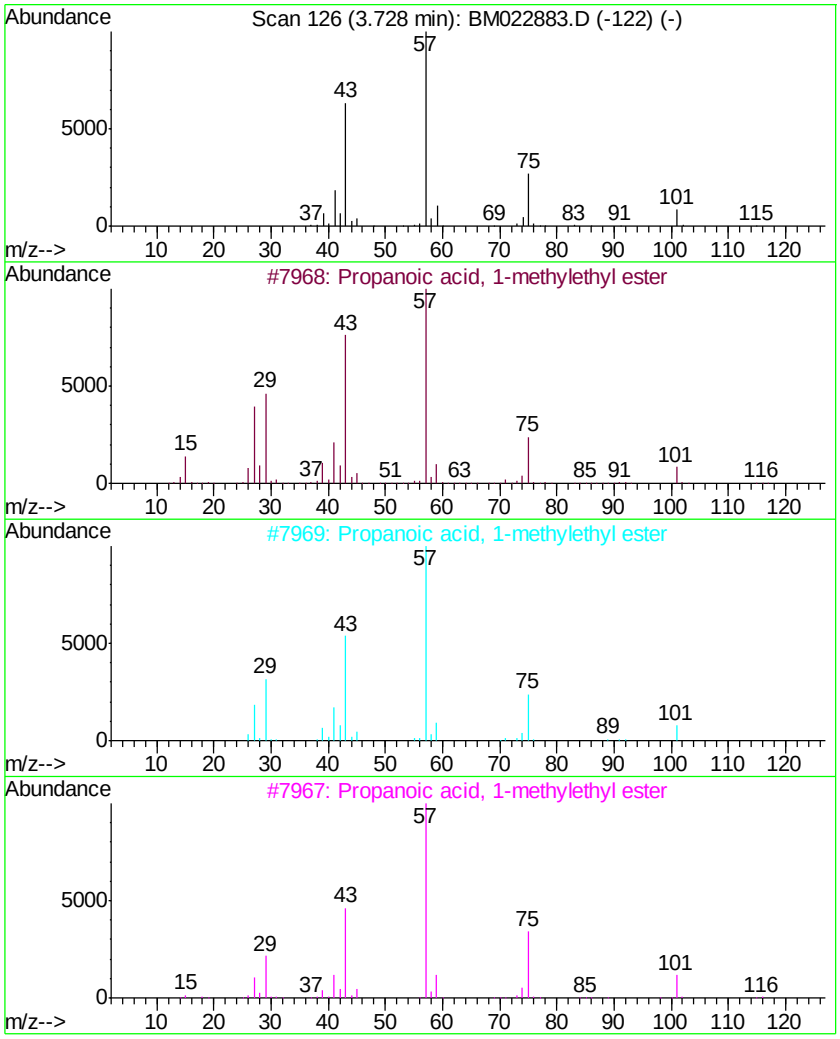
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

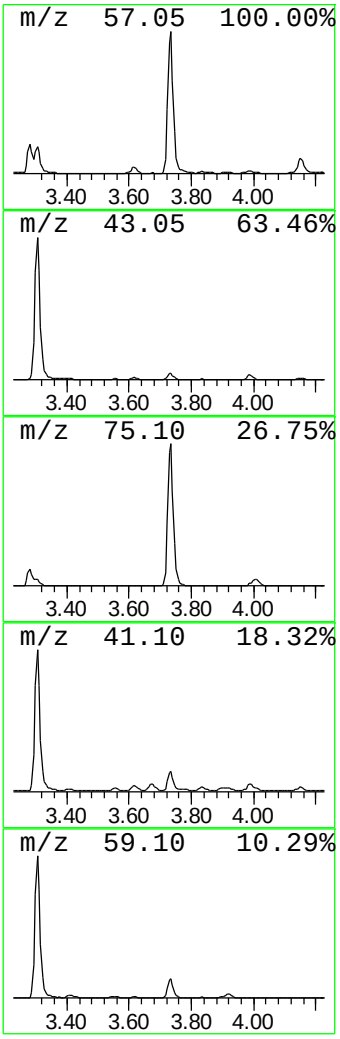
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	4.13 ng/ul	389018	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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

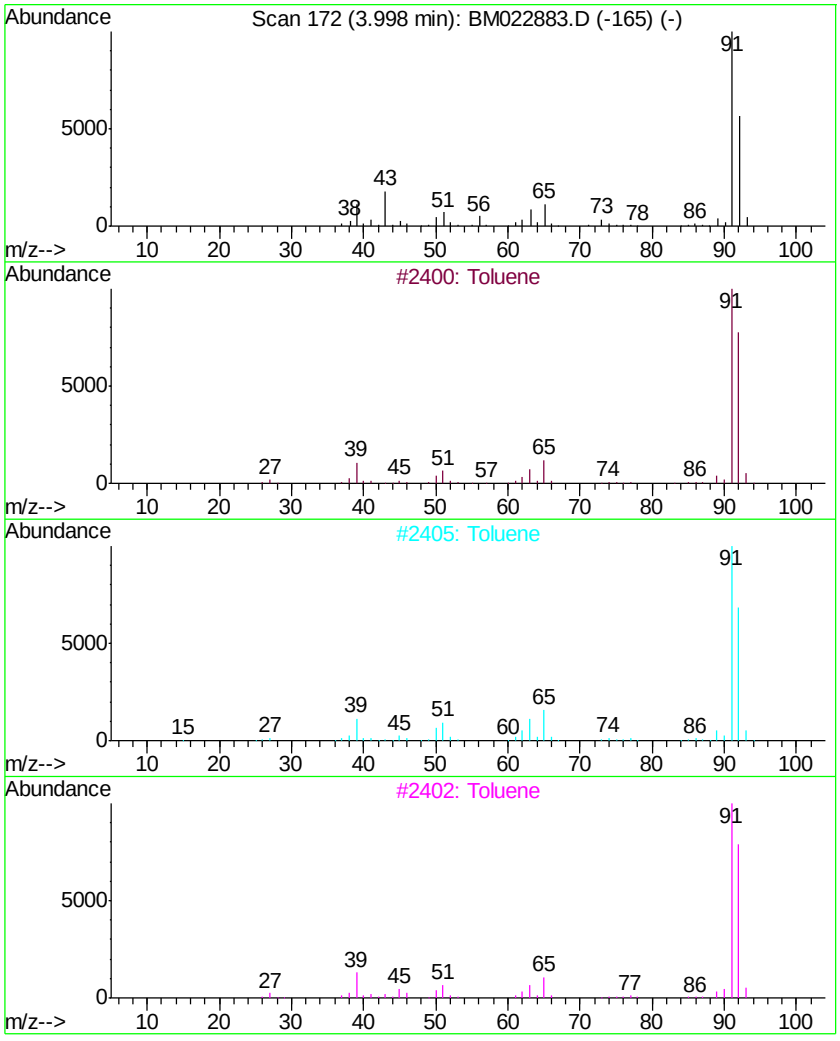
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

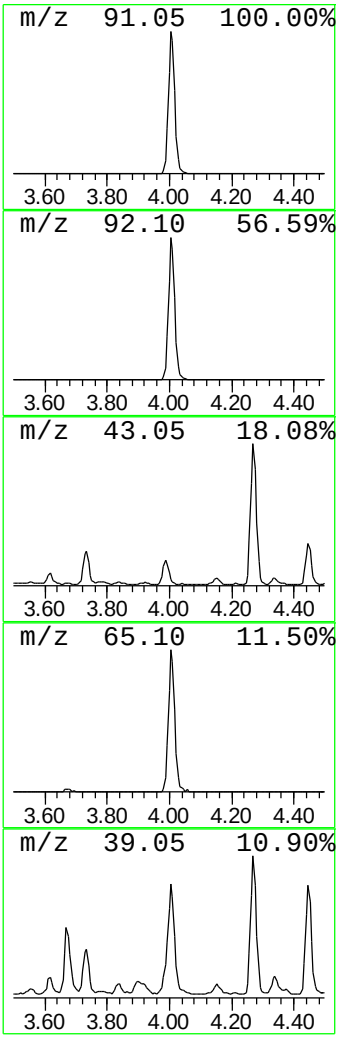
****

Peak Number 2 Toluene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	9.30 ng/ul	875569	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	87
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	87





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ClientSampleId : BFDM7

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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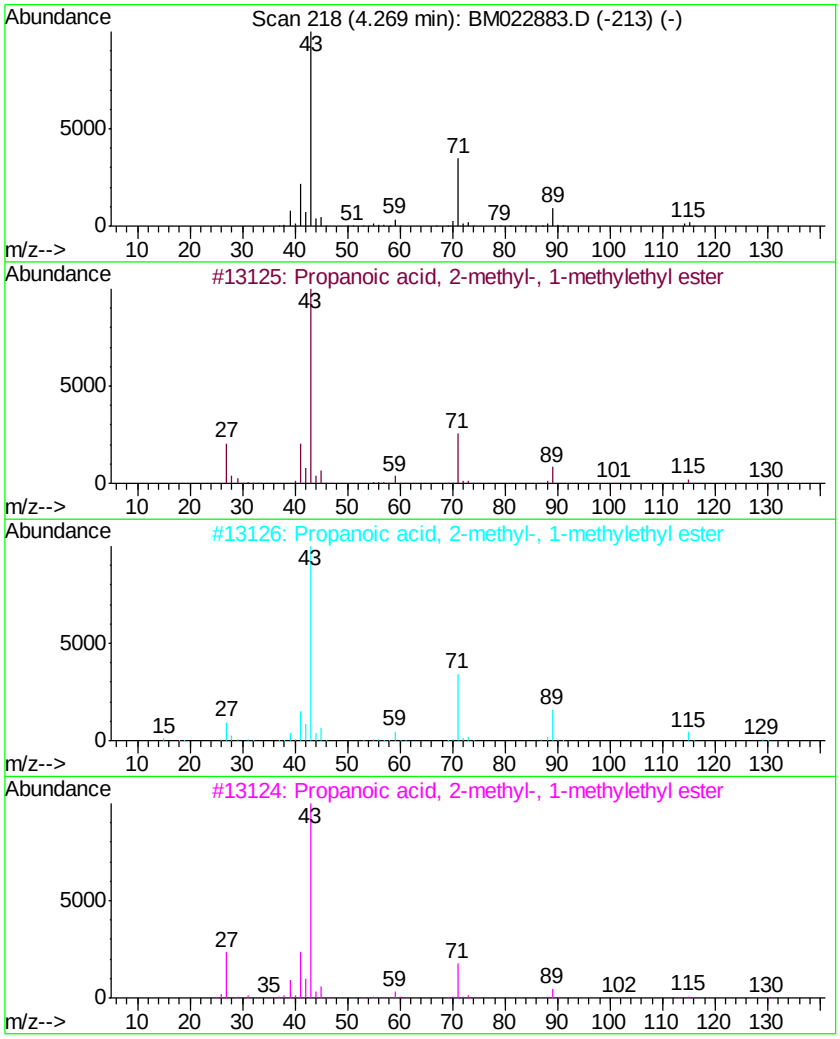
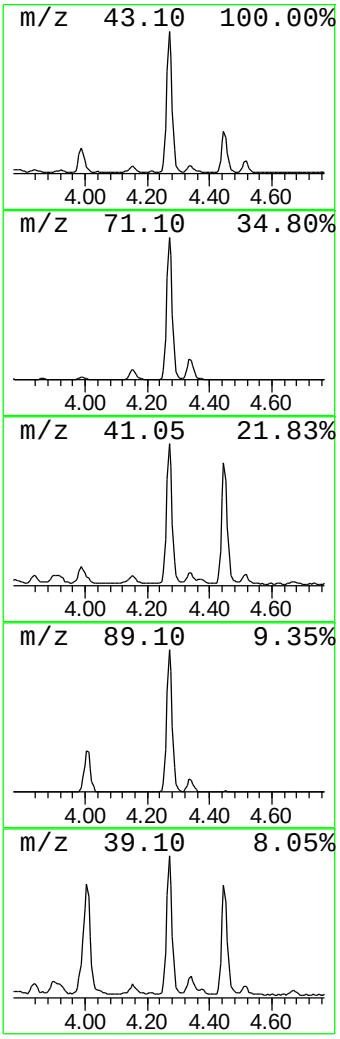
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	9.28 ng/ul	873832	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	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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Instrument : BNA_M
ClientSampleId : BFDM7

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

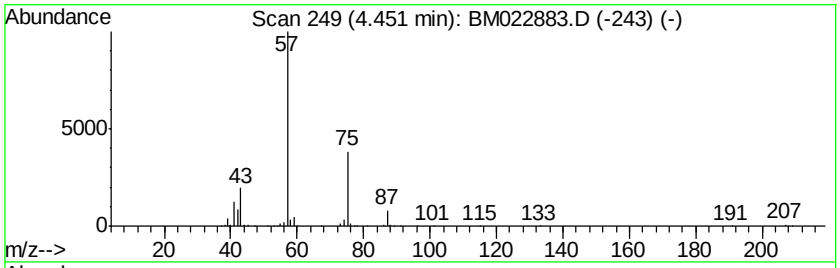
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

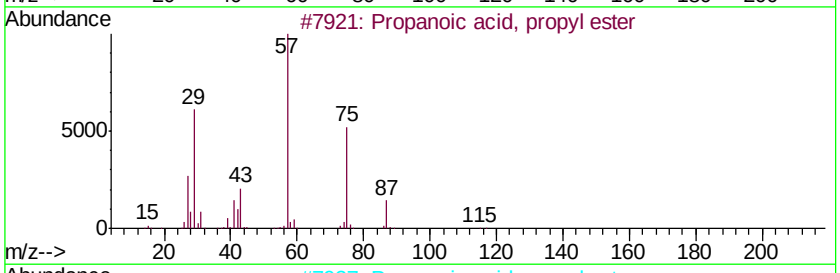
****

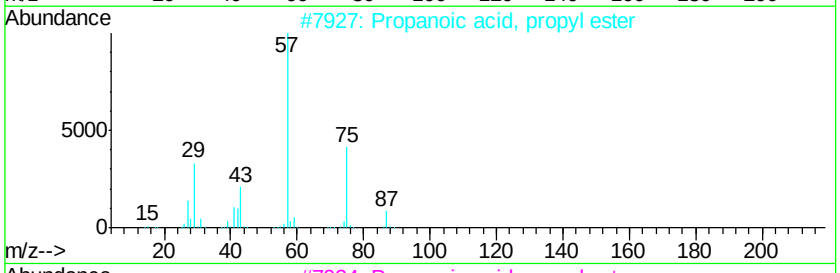
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 5

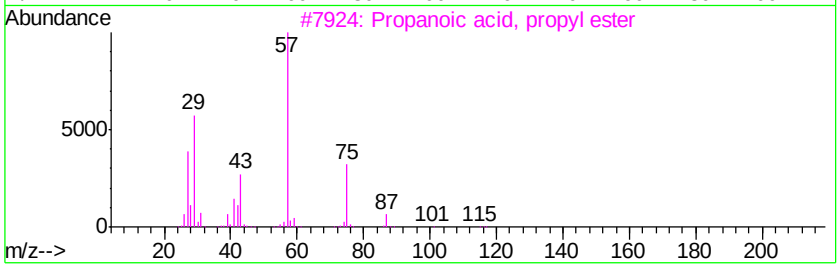
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	14.07 ng/ul	1325220	1,4-Dichlorobenzene-d4	7.80

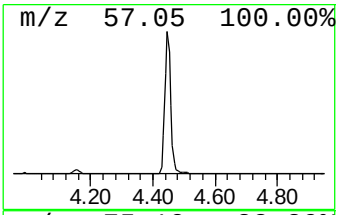
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28

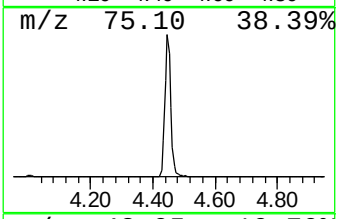


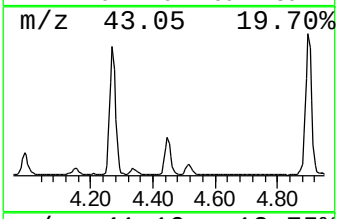


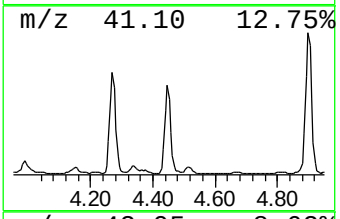


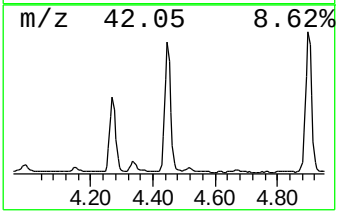












Library Search Compound Report

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Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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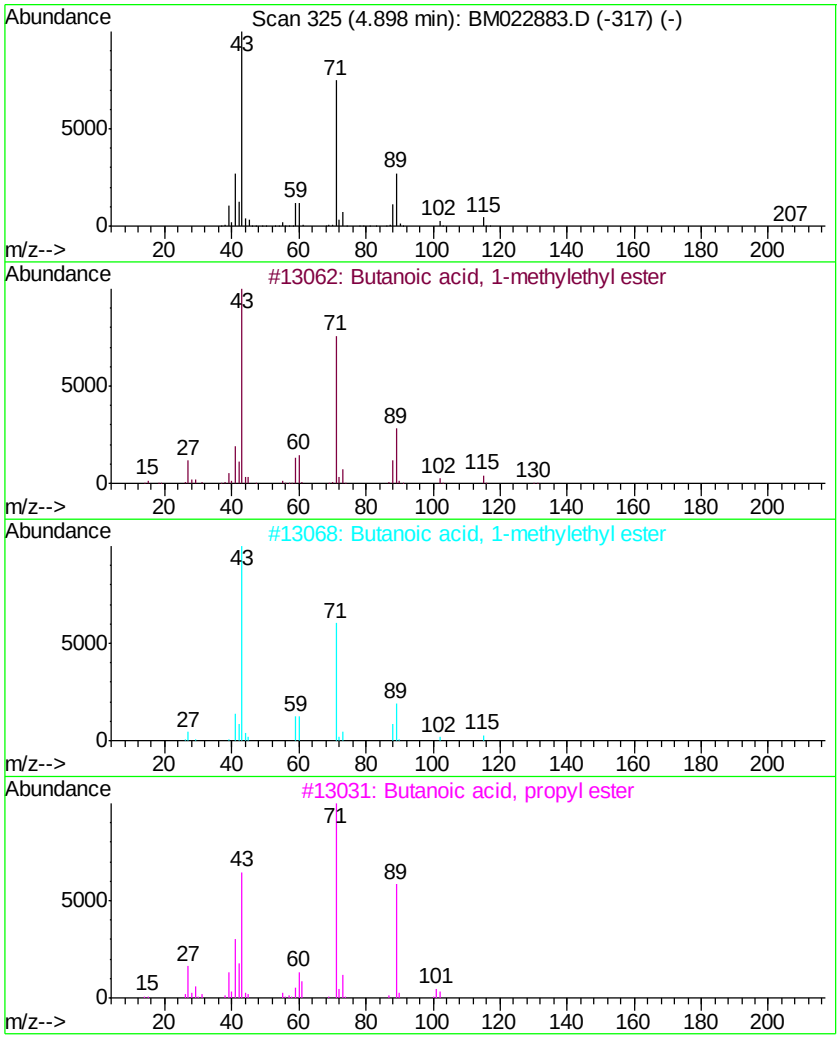
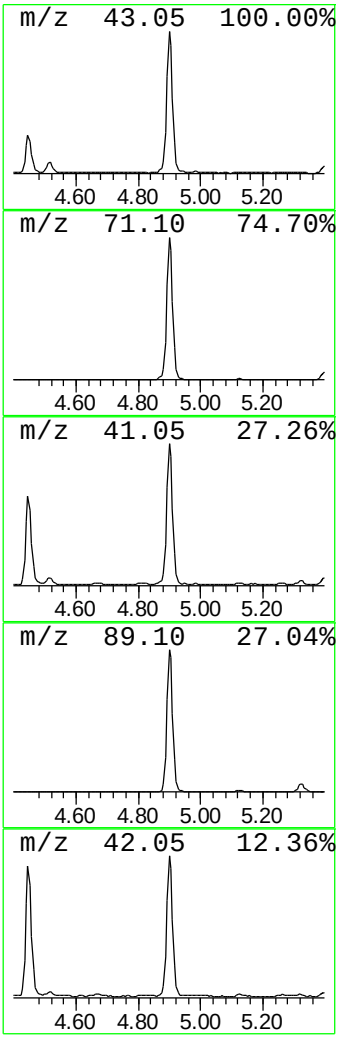
Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	16.75 ng/ul	1577220	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	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





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Sample : K4932-16
Misc :
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Instrument : BNA_M
ClientSampleId : BFDM7

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Quant Title : SVOA CALIBRATION

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

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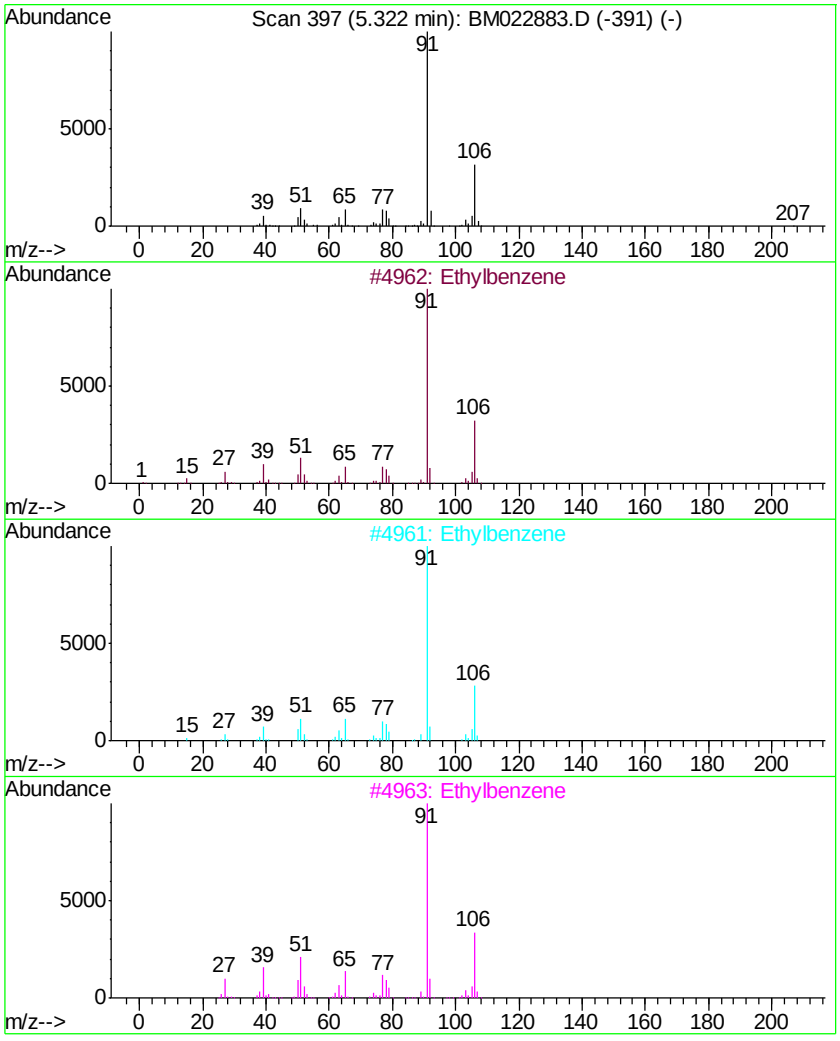
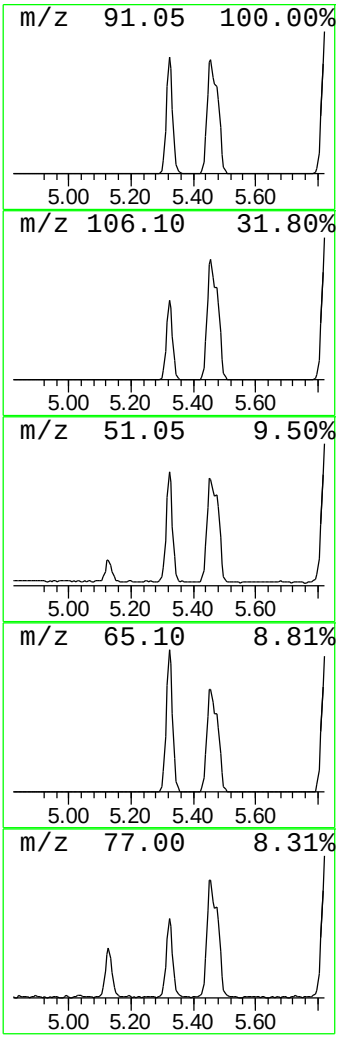
Peak Number 6 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	7.29 ng/ul	686311	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	p-Xylene	106	C8H10	000106-42-3	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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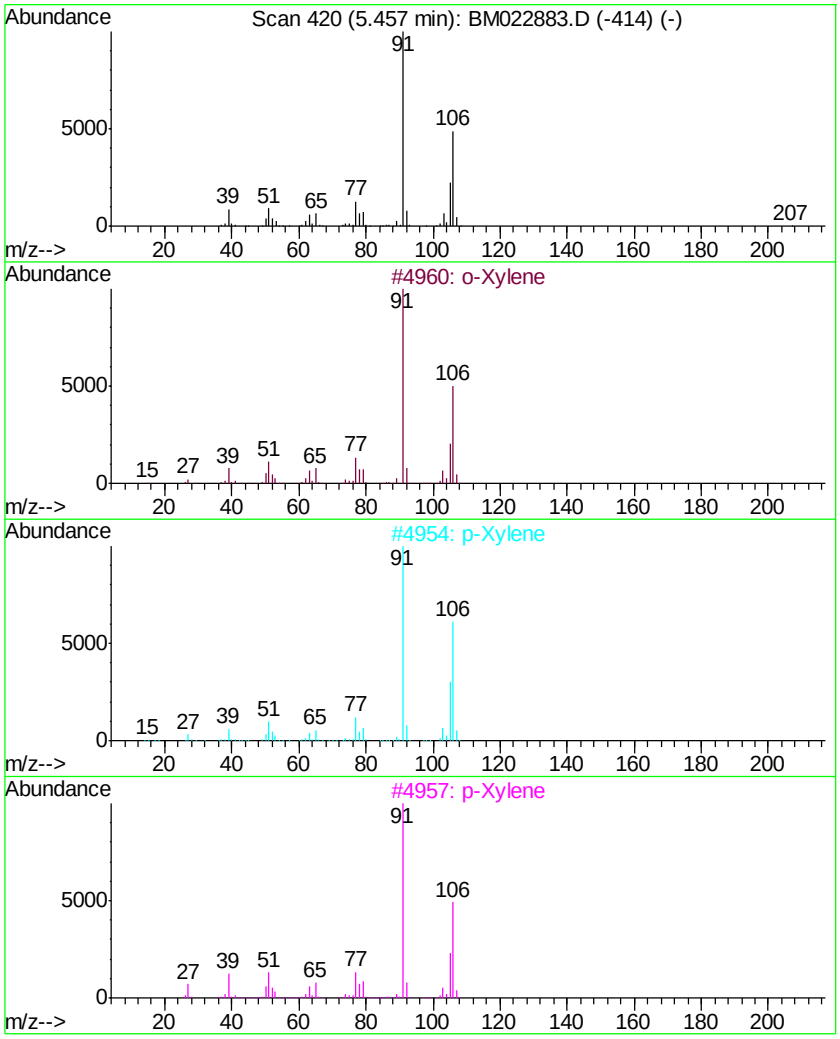
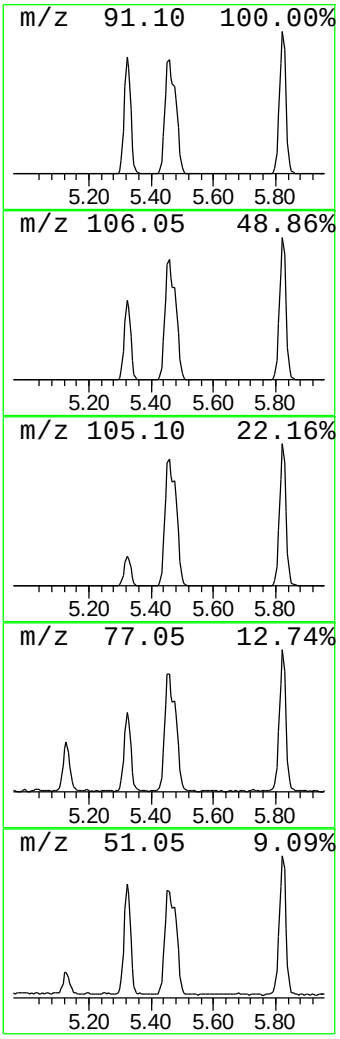
Peak Number 7 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	14.72 ng/ul	1386310	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	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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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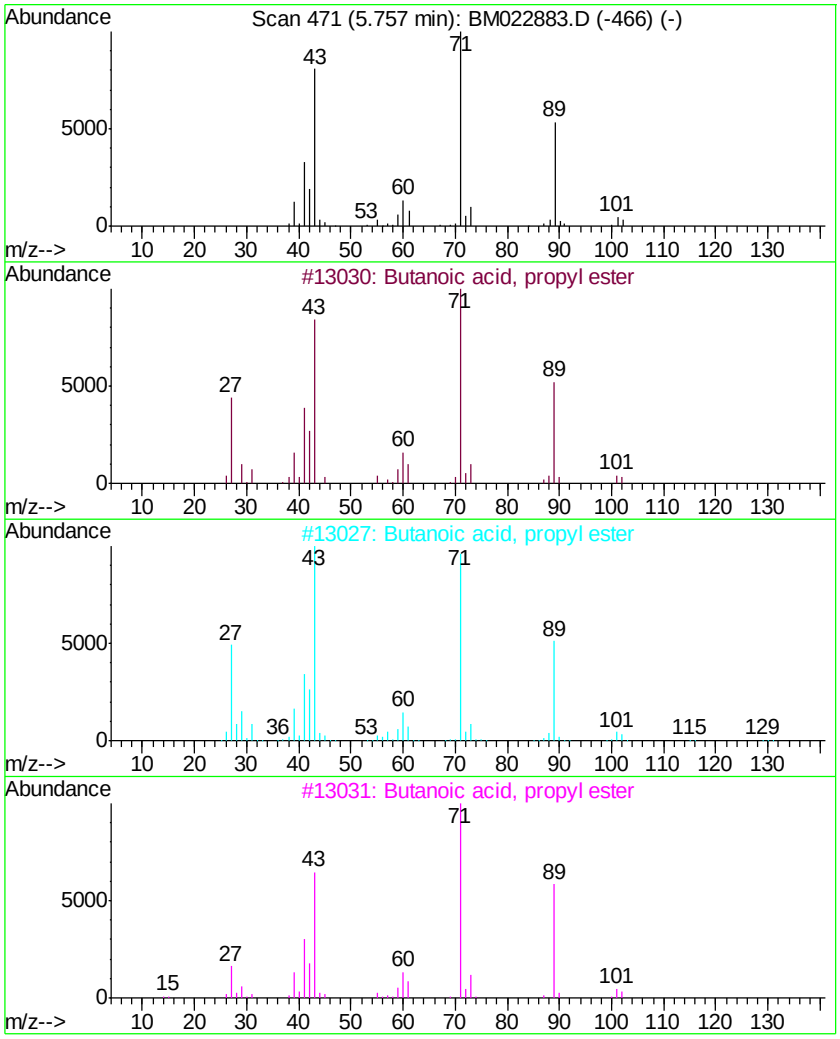
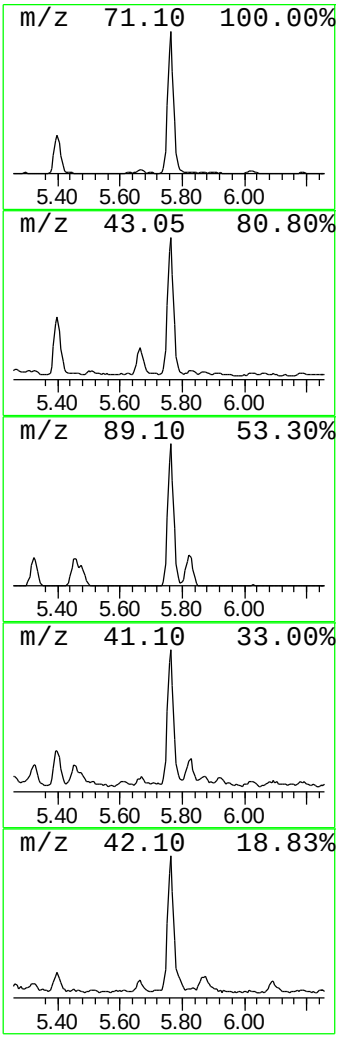
Peak Number 8 Butanoic acid, propyl ester Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.80 ng/ul	264191	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	91
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	83
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	78





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Quant Title : SVOA CALIBRATION

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

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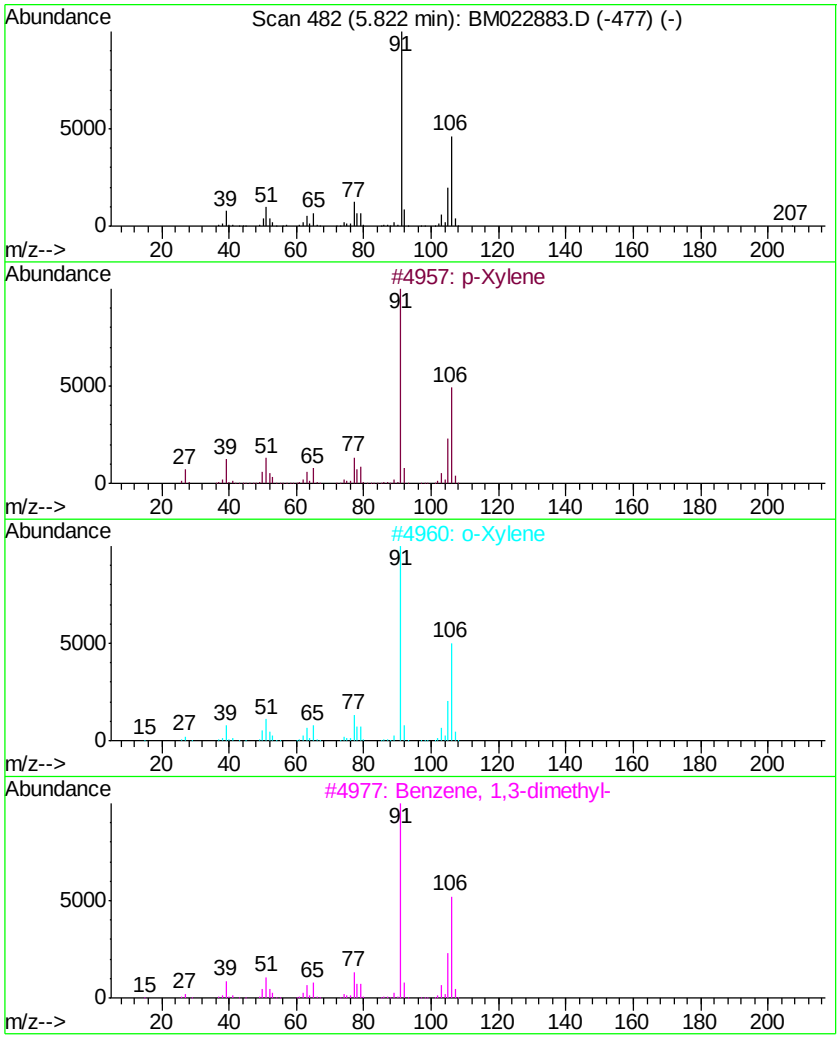
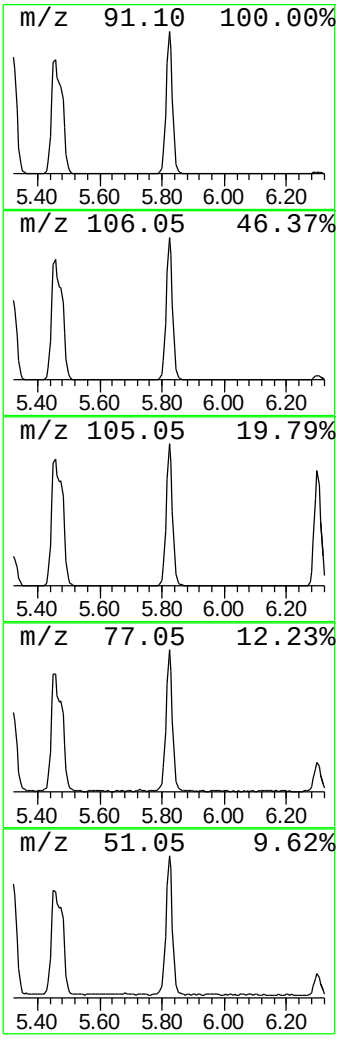
Peak Number 9 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	10.40 ng/ul	979485	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	94
5	o-Xylene	106	C8H10	000095-47-6	93





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Quant Title : SVOA CALIBRATION

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

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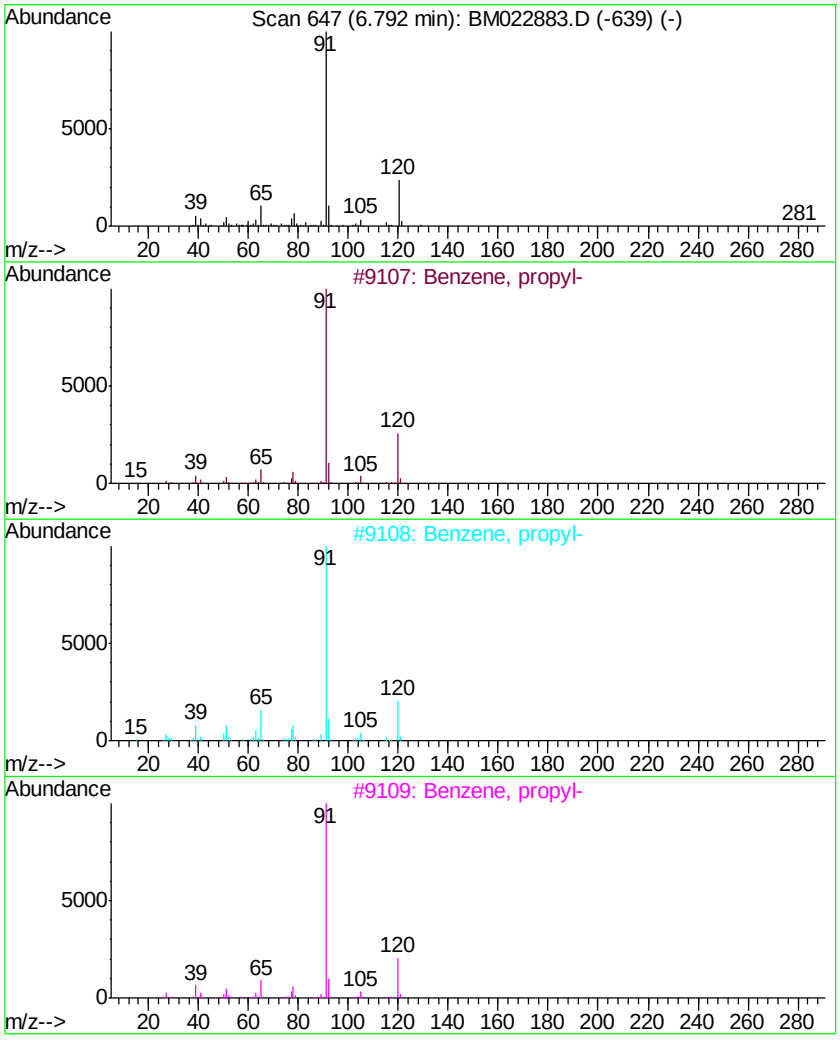
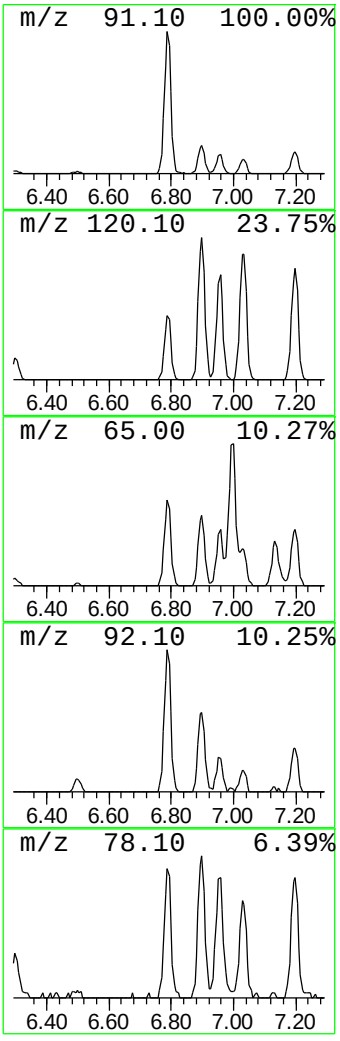
Peak Number 10 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	5.67 ng/ul	534289	1,4-Dichlorobenzene-d4	7.80

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	91
3	Benzene, propyl-	120	C9H12	000103-65-1	91
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	56





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Instrument : BNA_M
ClientSampleId : BFDM7

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Quant Title : SVOA CALIBRATION

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

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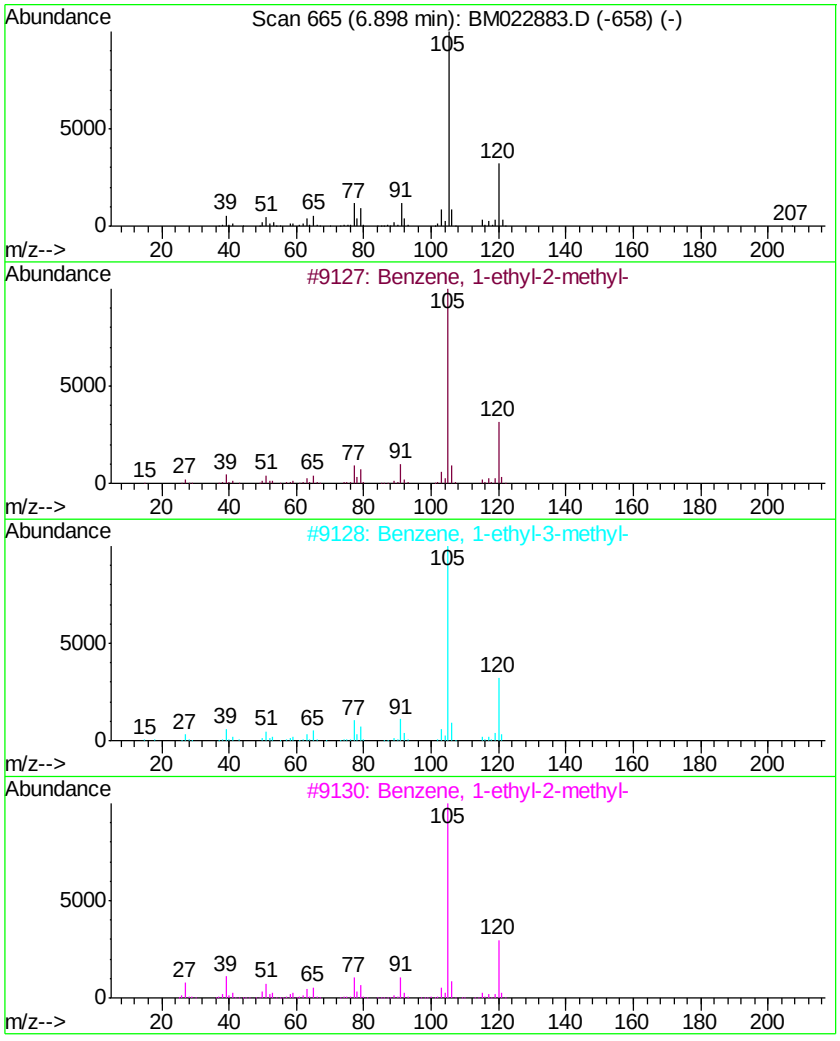
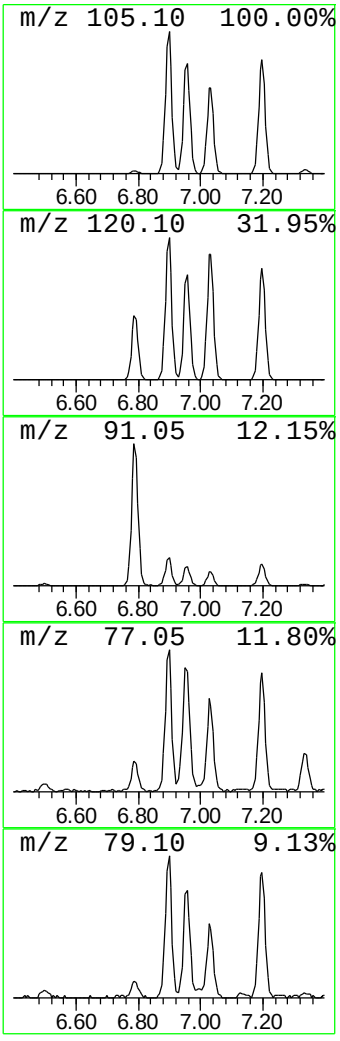
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	8.77 ng/ul	826485	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	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	95
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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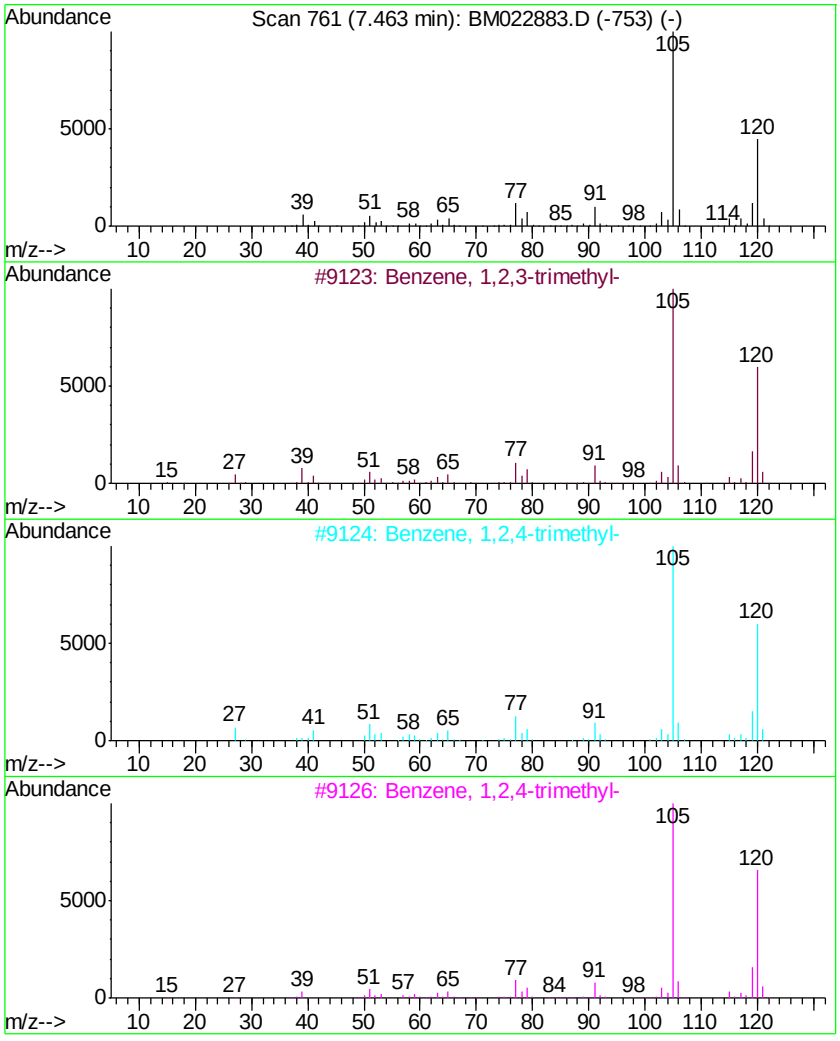
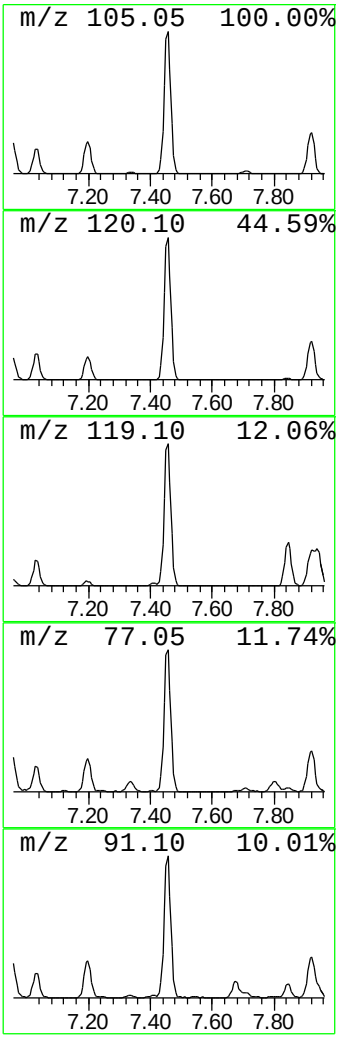
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	34.58 ng/ul	3257260	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	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
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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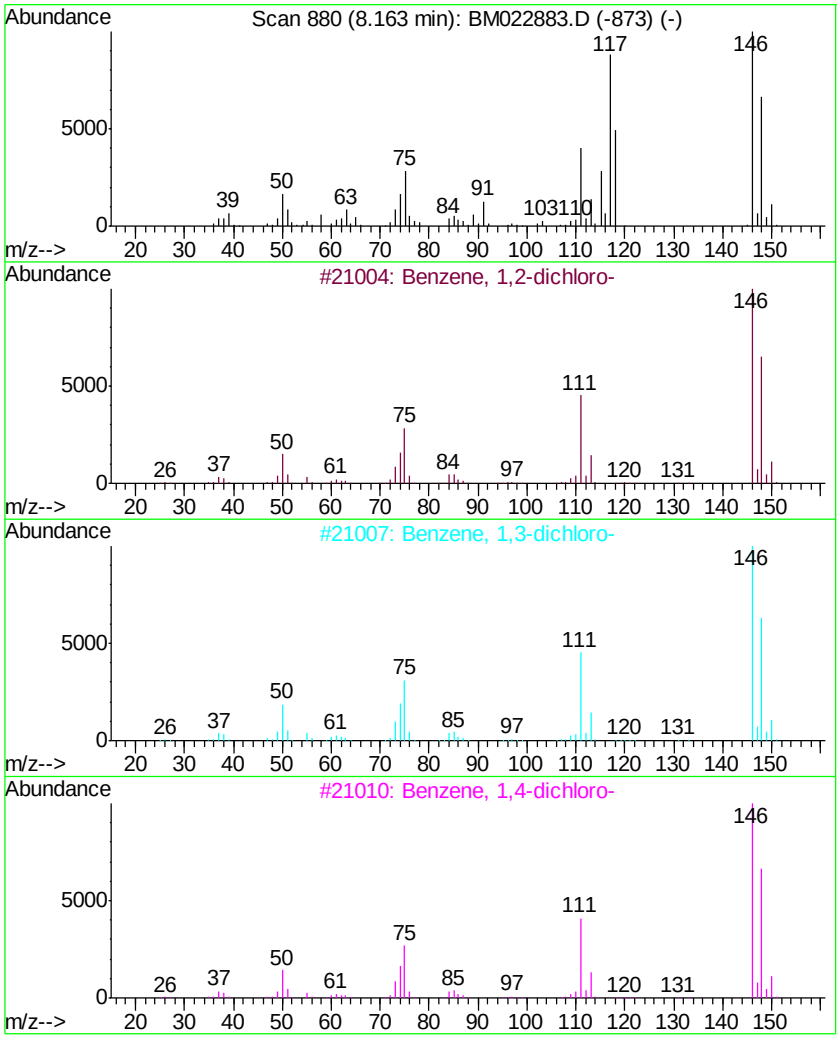
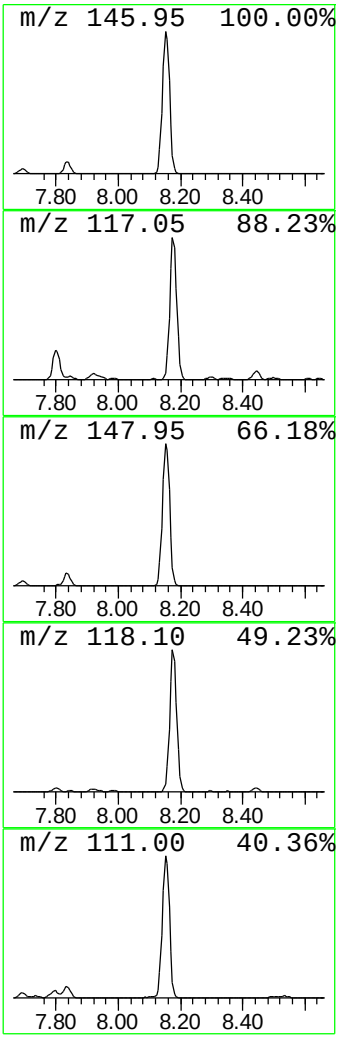
Peak Number 15 Benzene, 1,2-dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	8.36 ng/ul	787159	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96





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Quant Title : SVOA CALIBRATION

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

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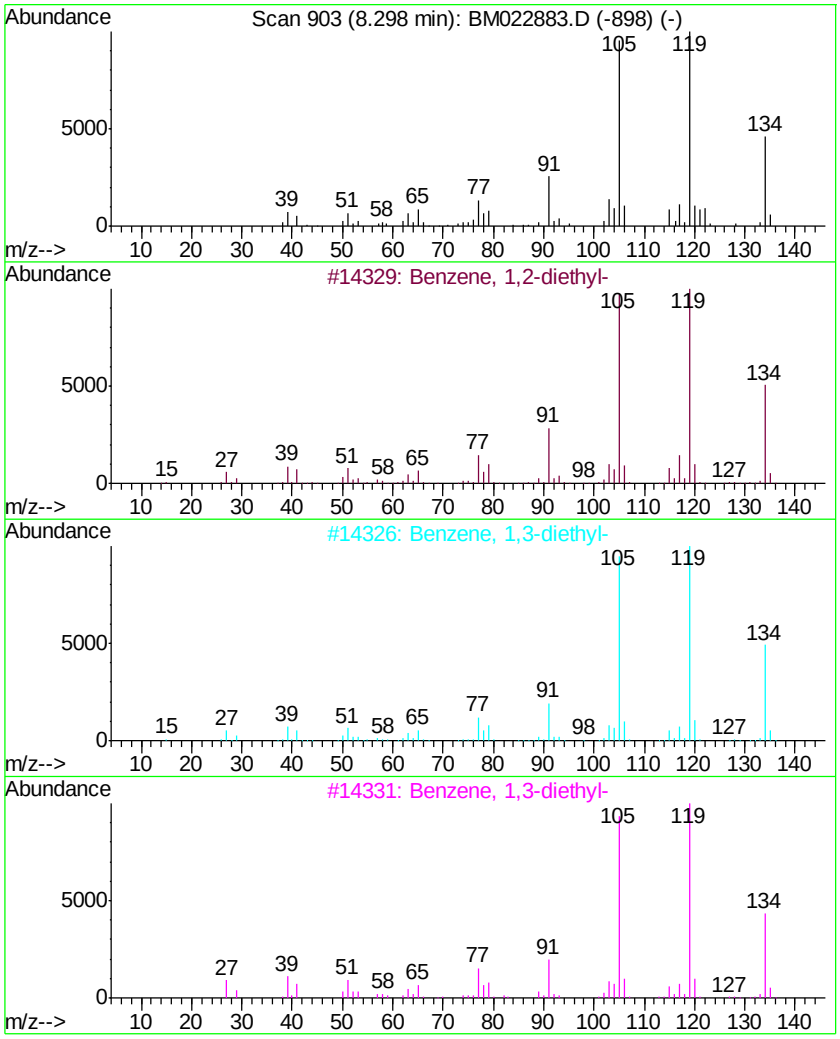
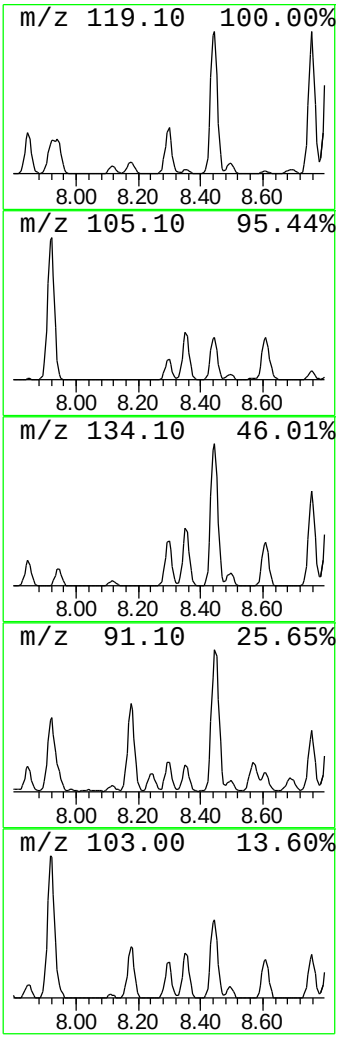
Peak Number 16 Benzene, 1,2-diethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	2.24 ng/ul	211291	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95





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Quant Title : SVOA CALIBRATION

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

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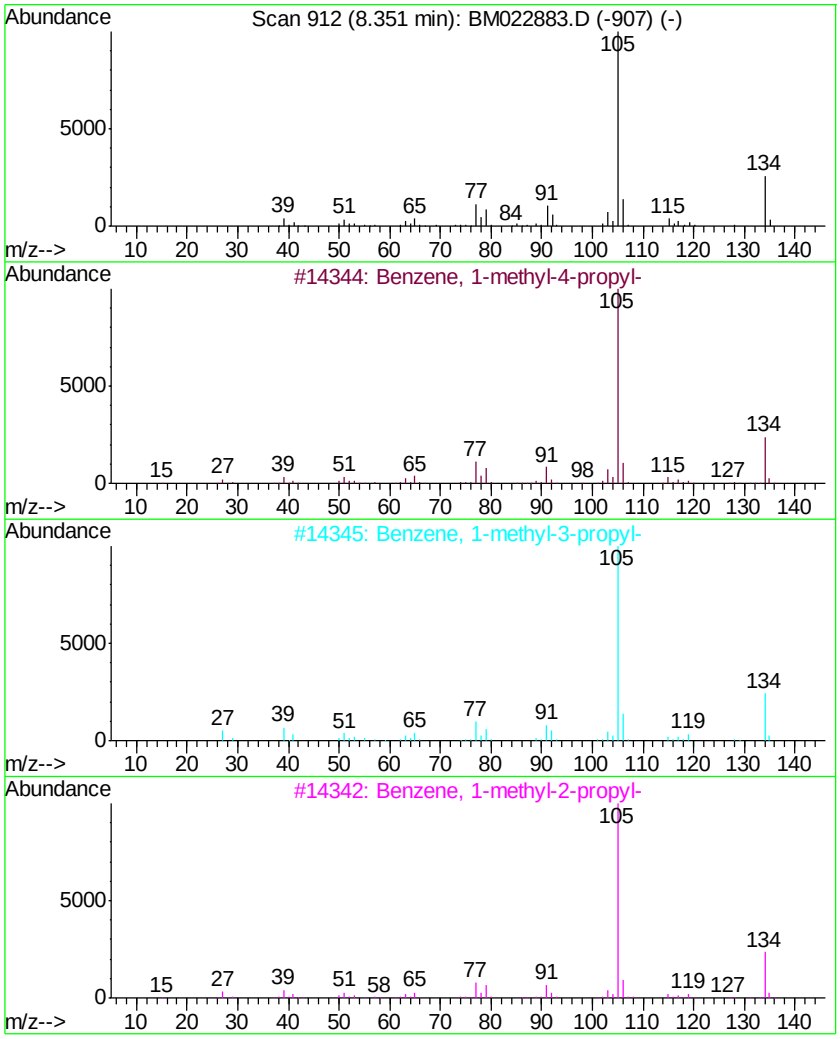
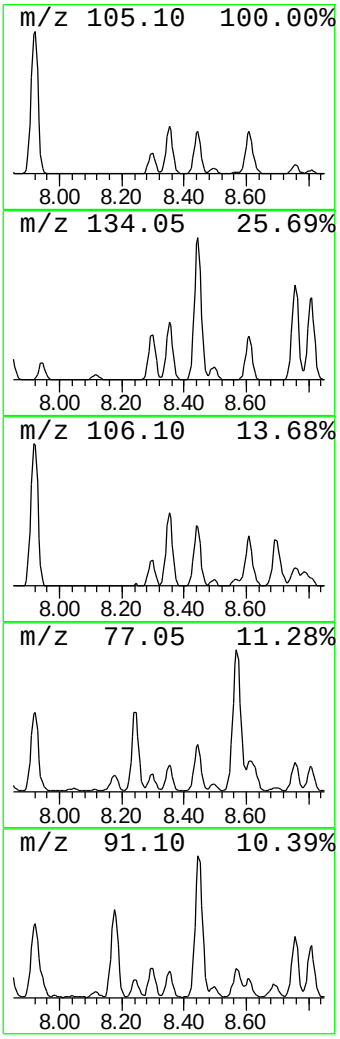
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.08 ng/ul	290260	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





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Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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

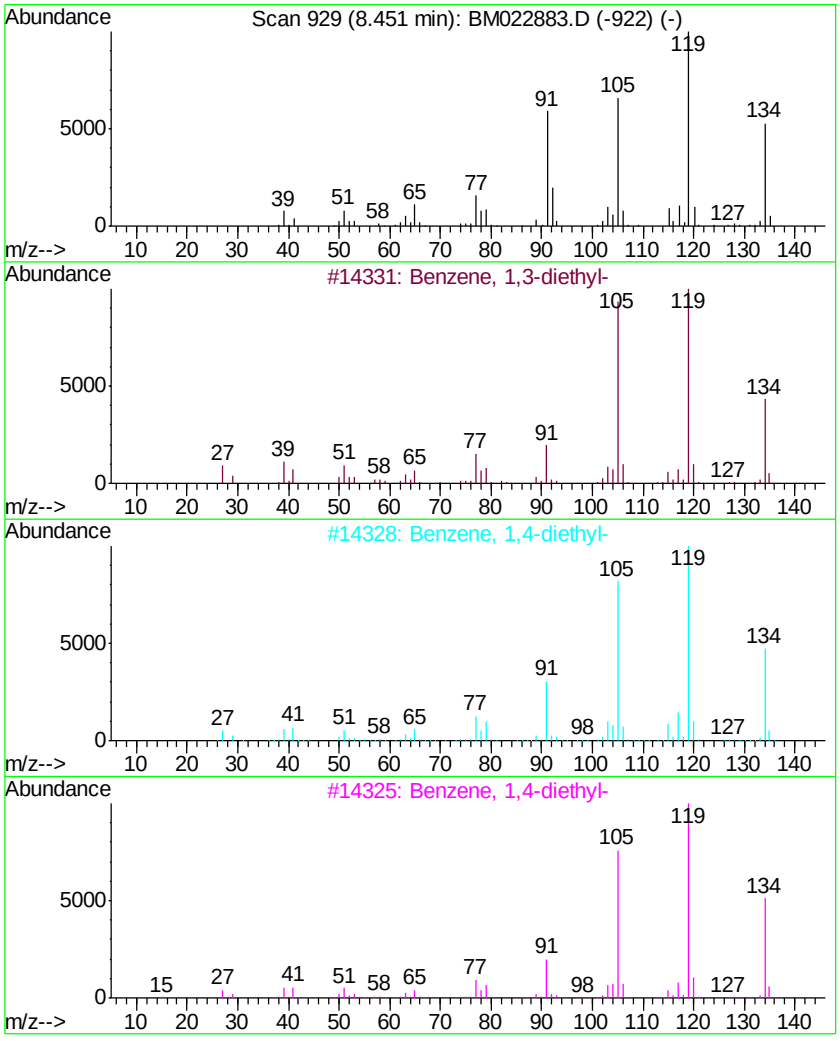
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

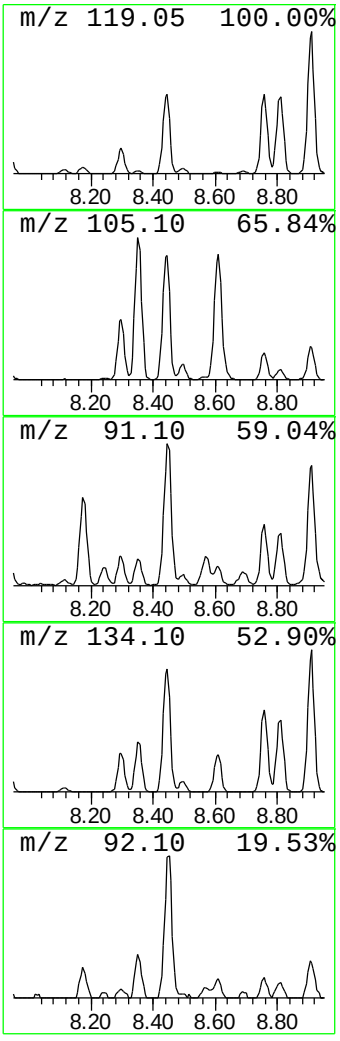
****

Peak Number 18 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	7.19 ng/ul	677597	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94





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Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

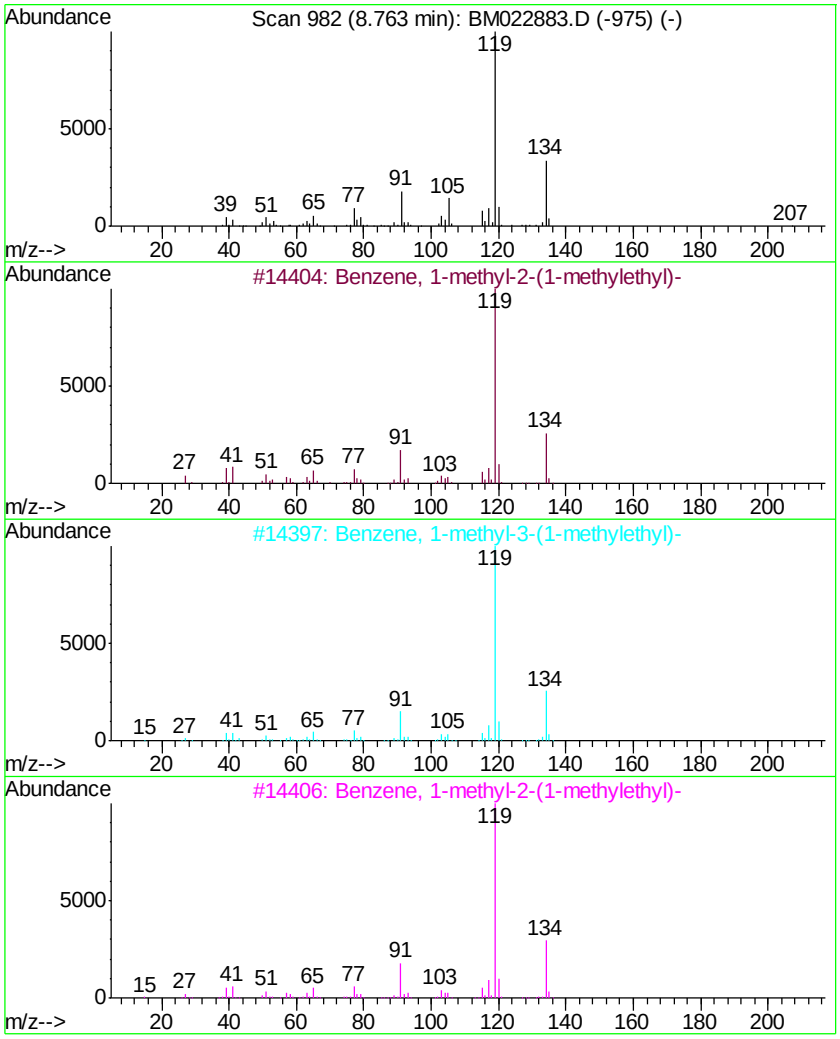
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

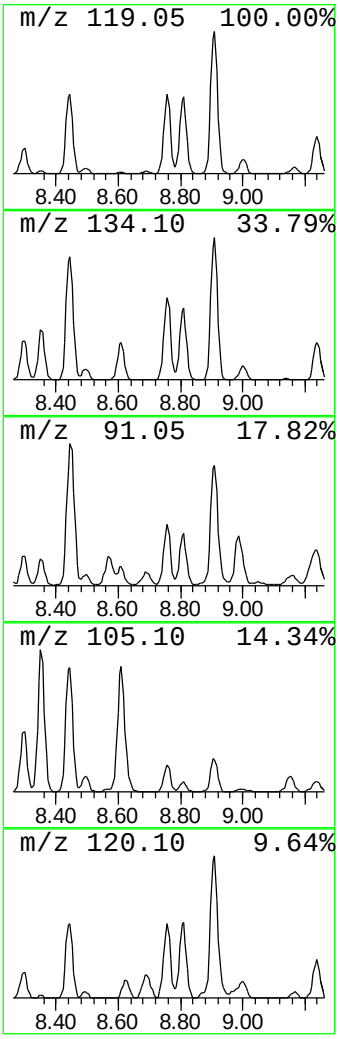
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.57 ng/ul	430380	1,4-Dichlorobenzene-d4	7.80

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





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Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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

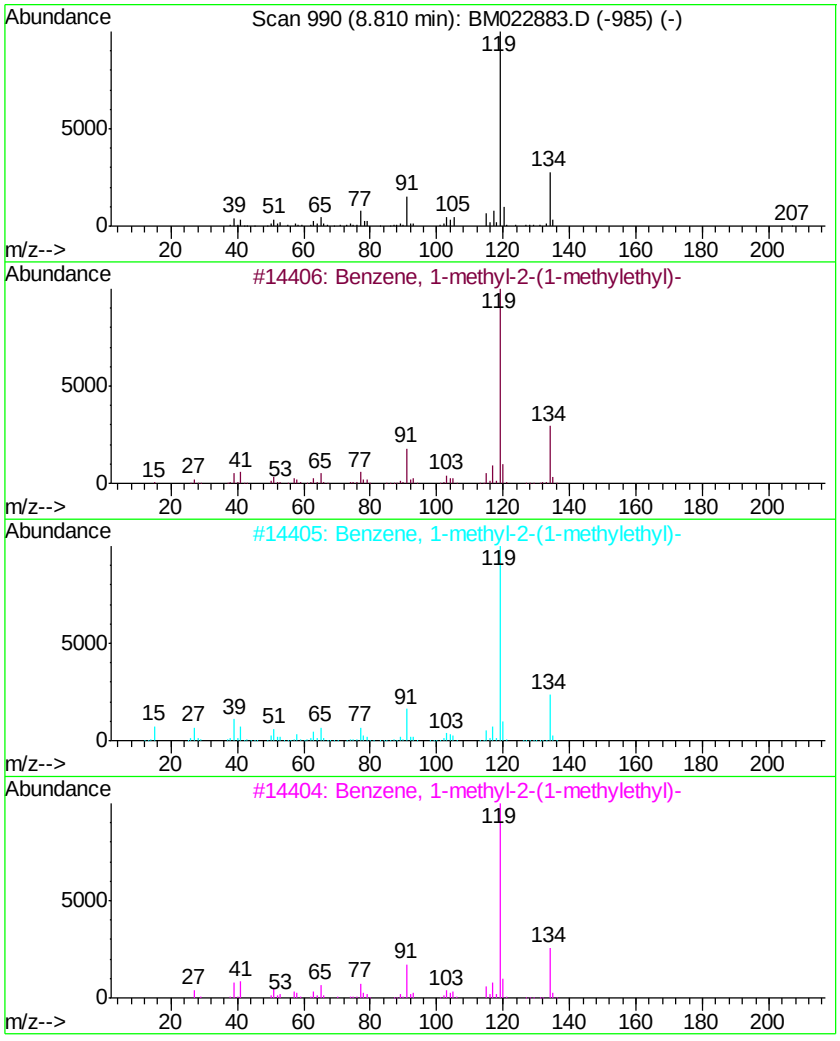
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

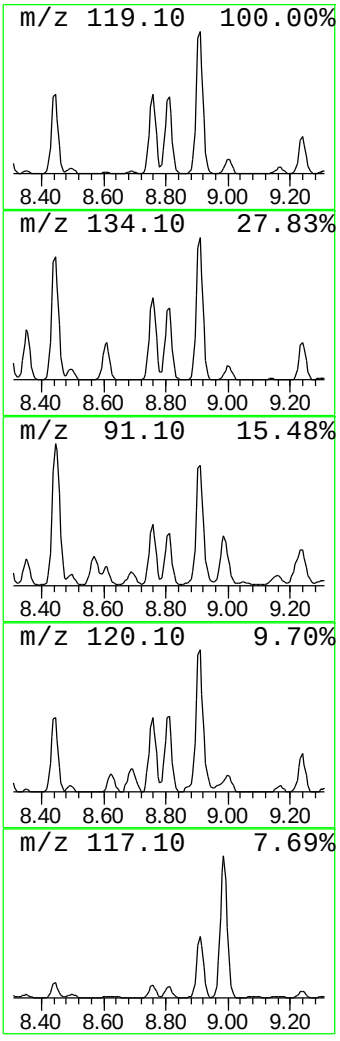
****

Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.24 ng/ul	399054	1,4-Dichlorobenzene-d4	7.80

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





Library Search Compound Report

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Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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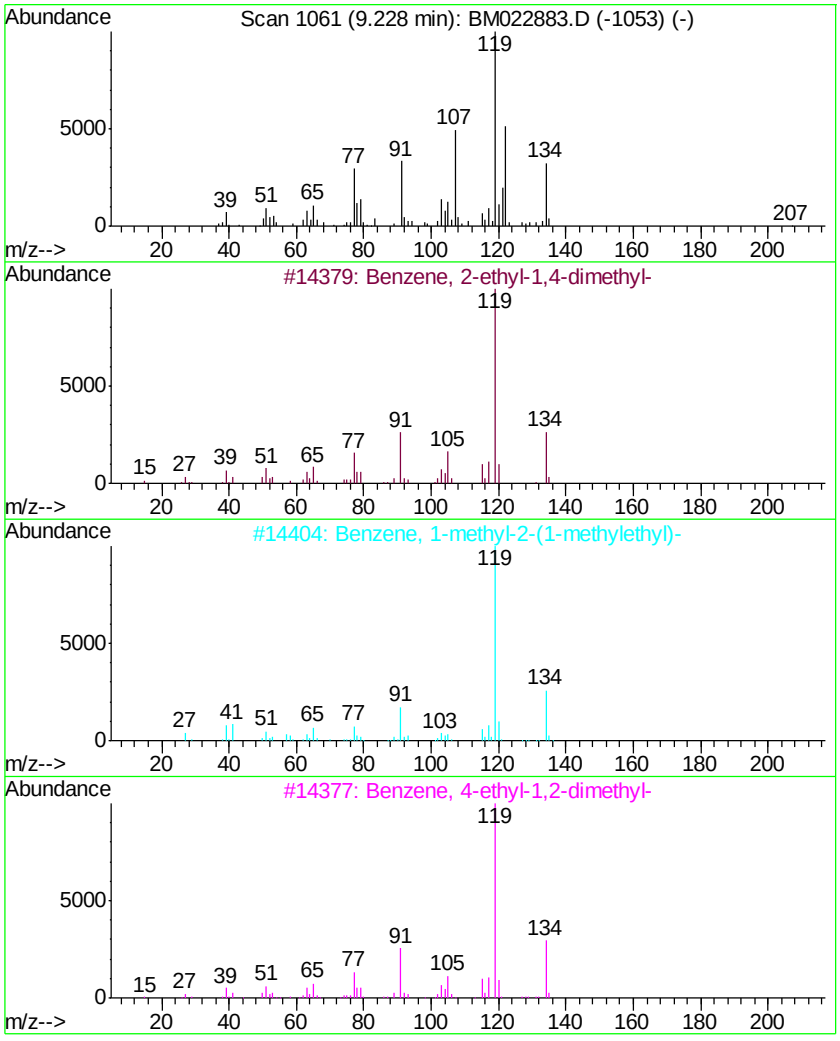
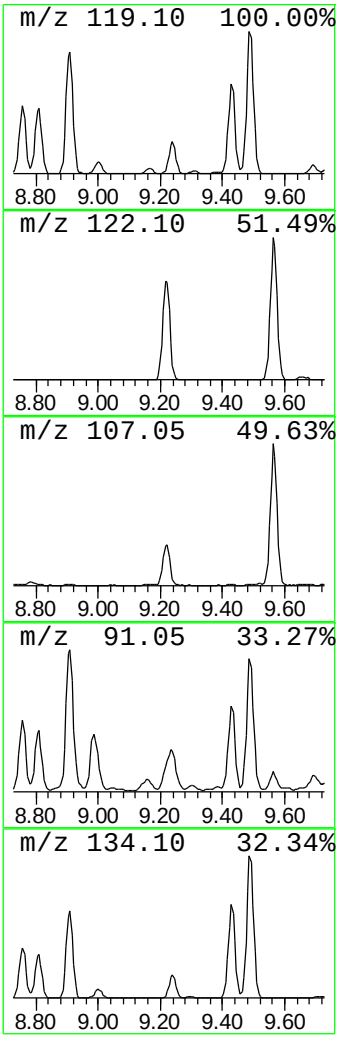
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	3.22 ng/ul	515429	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

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Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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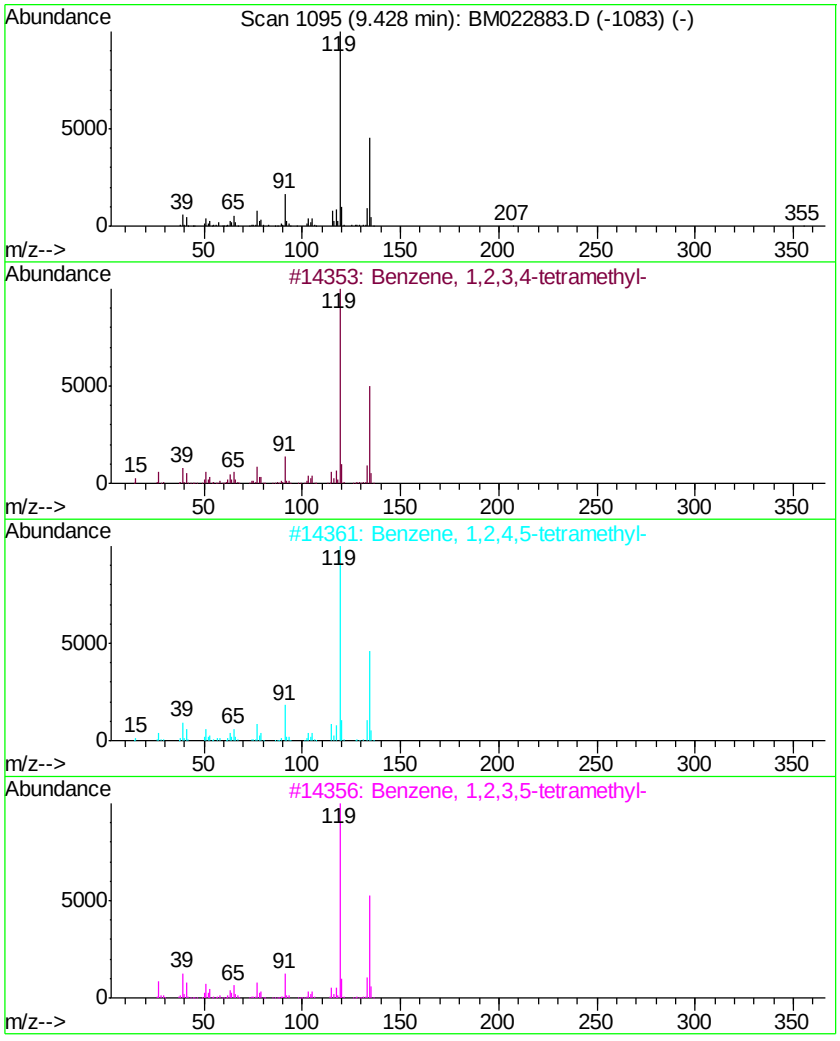
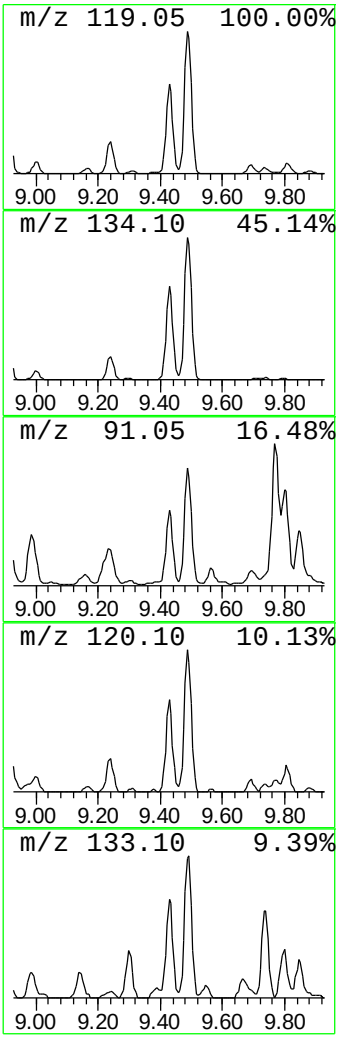
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	4.07 ng/ul	650026	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Library Search Compound Report

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Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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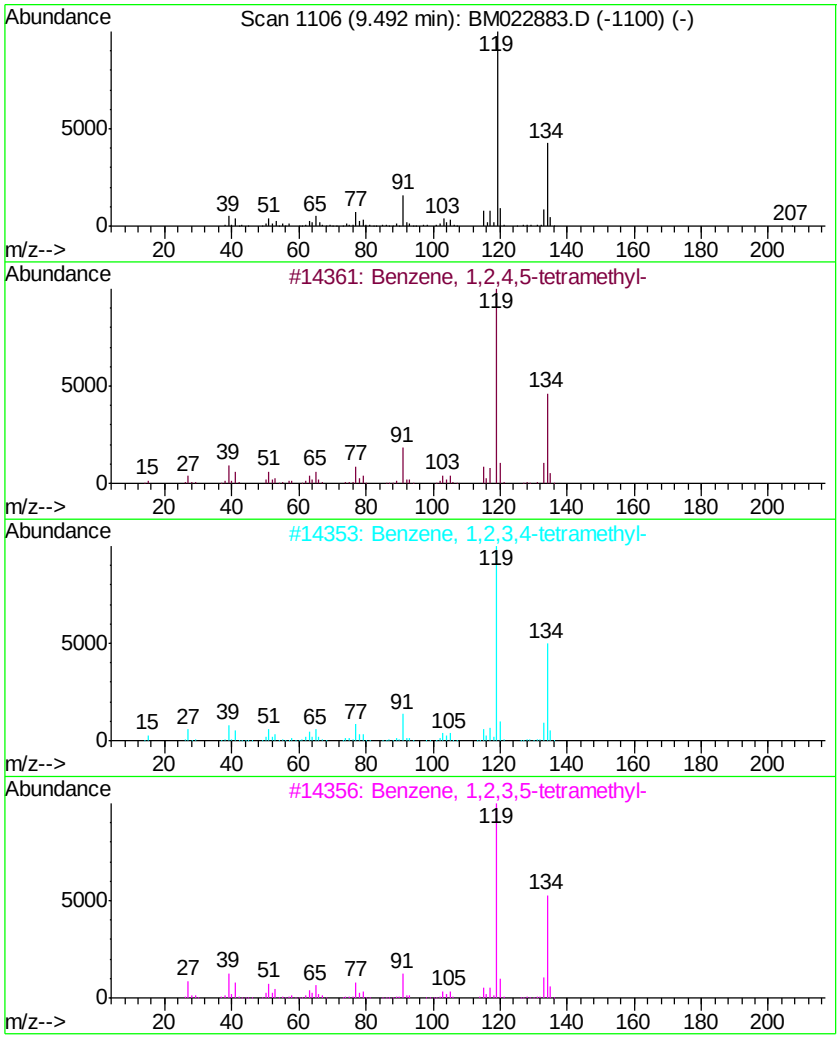
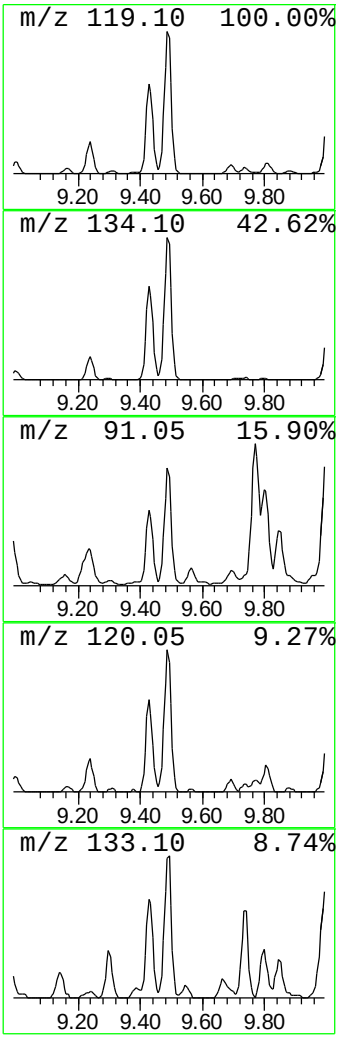
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.25 ng/ul	998596	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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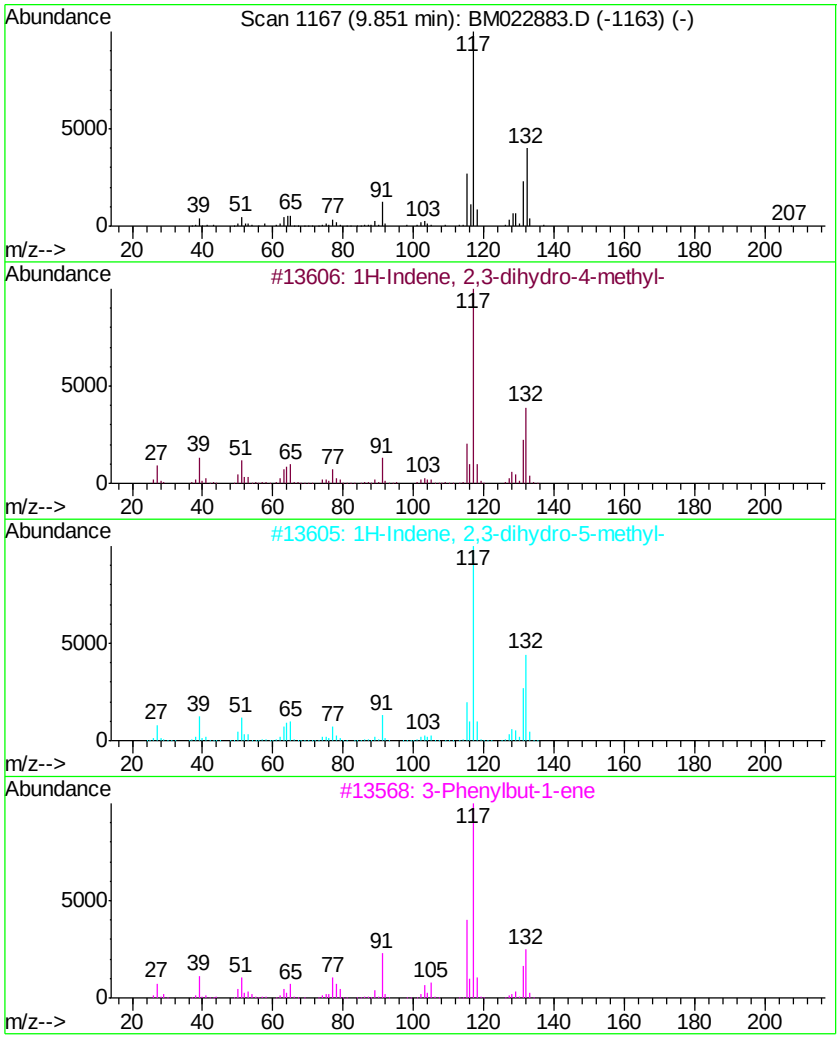
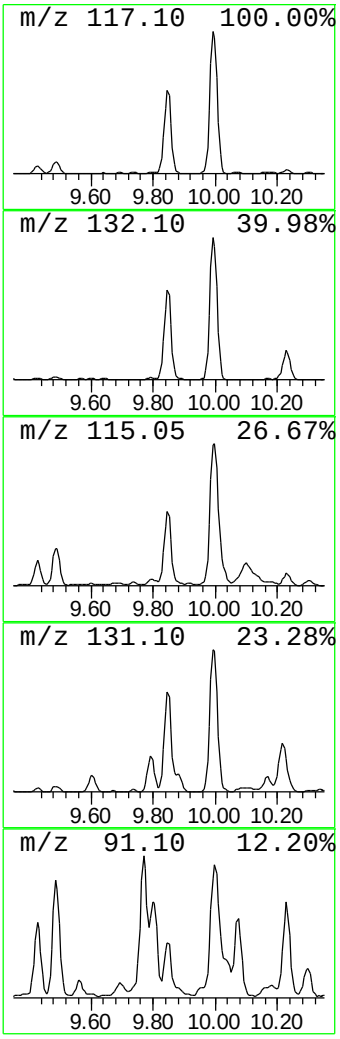
Peak Number 24 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.11 ng/ul	657606	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	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





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Misc :
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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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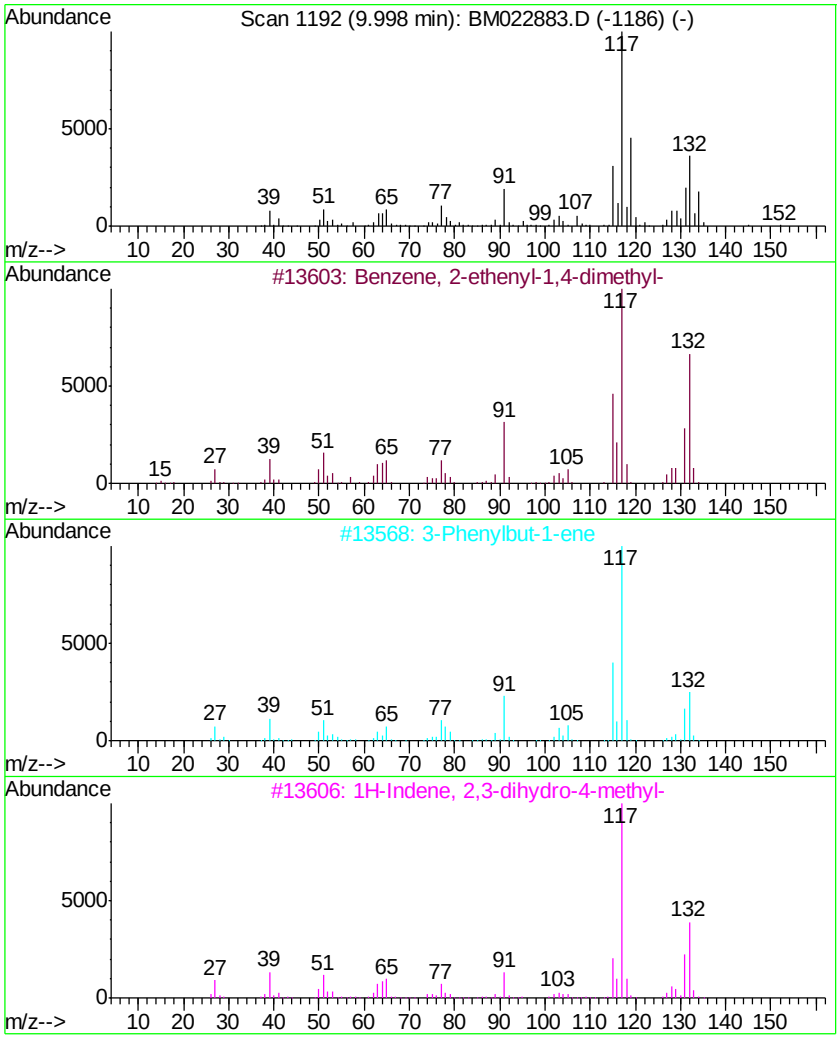
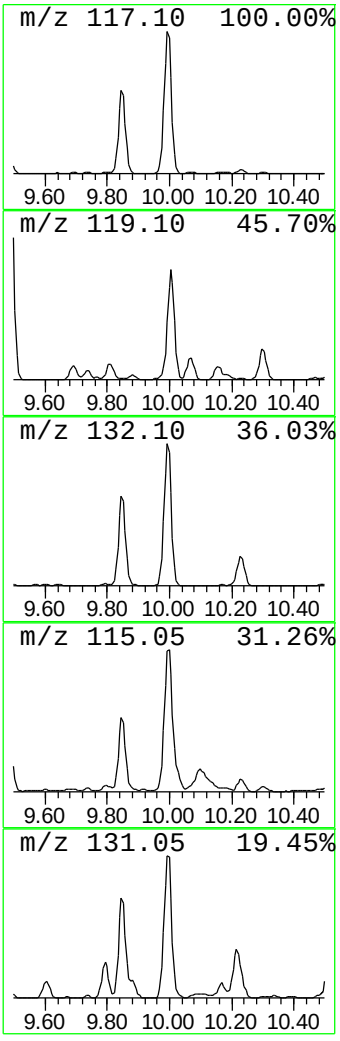
Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	15.45 ng/ul	2469420	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	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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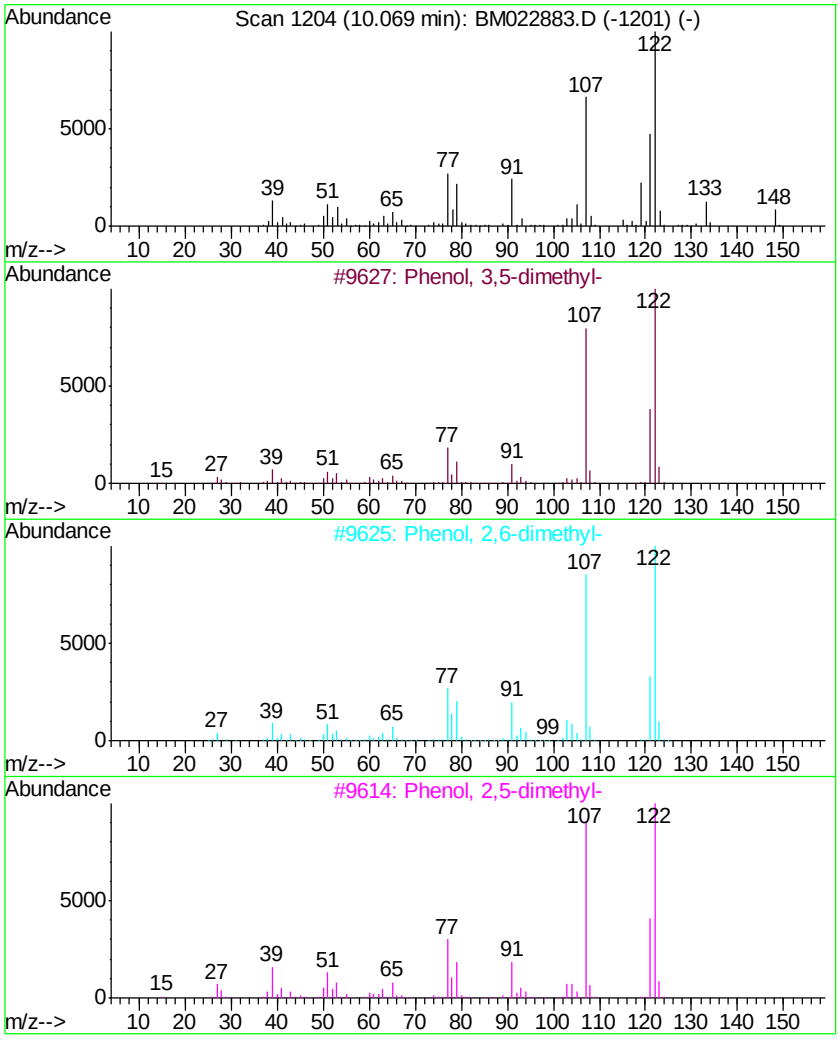
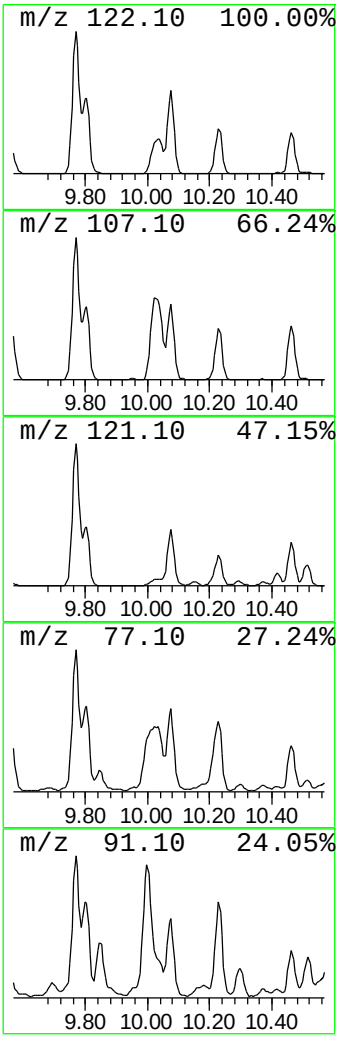
Peak Number 26 Phenol, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	5.99 ng/ul	957893	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	83
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	83
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	80
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	80
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	80





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Misc :
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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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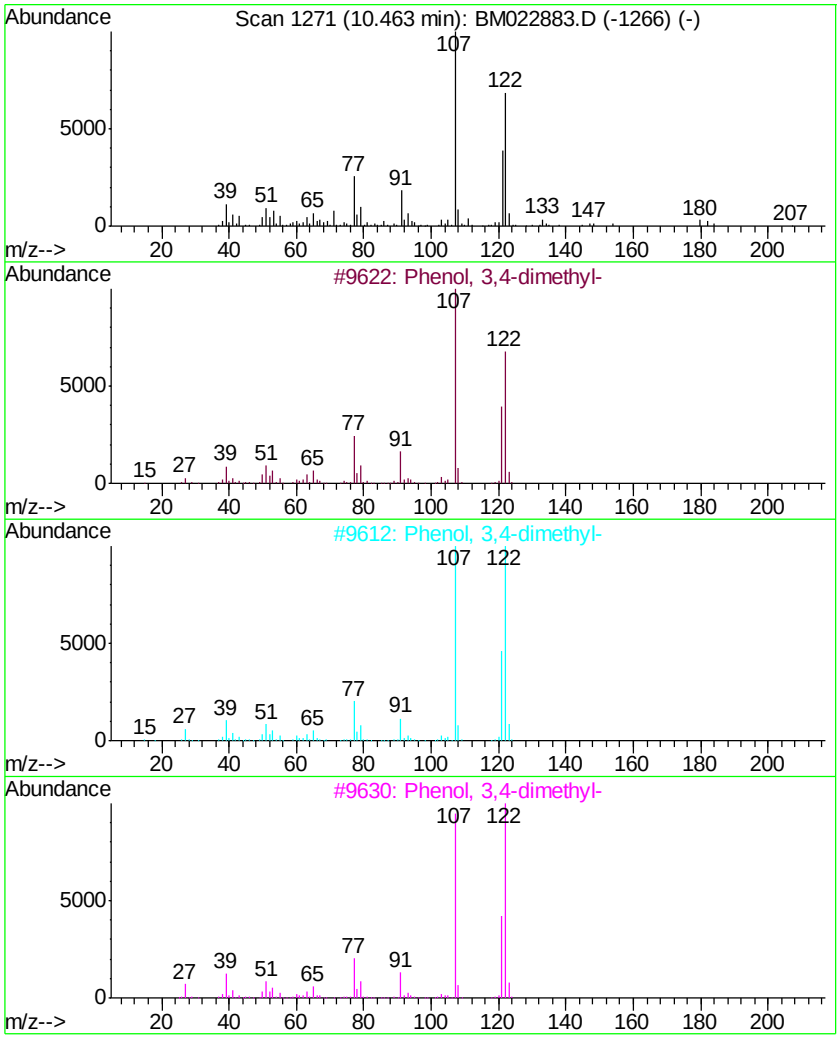
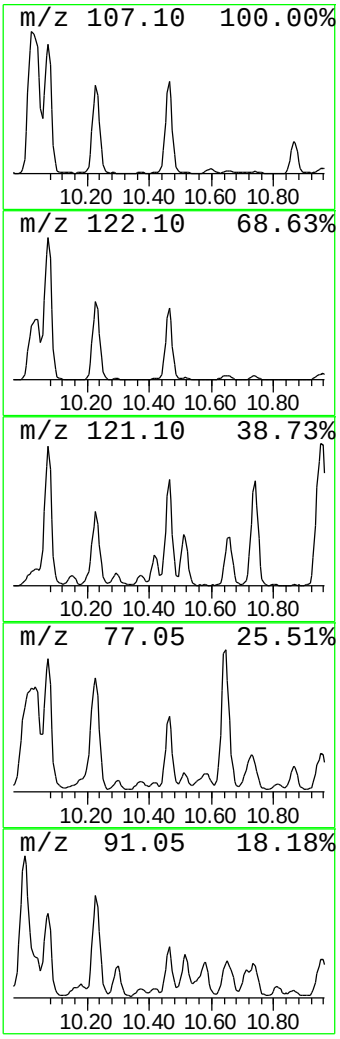
Peak Number 27 Phenol, 3,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.63 ng/ul	580414	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87





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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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Quant Title : SVOA CALIBRATION

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

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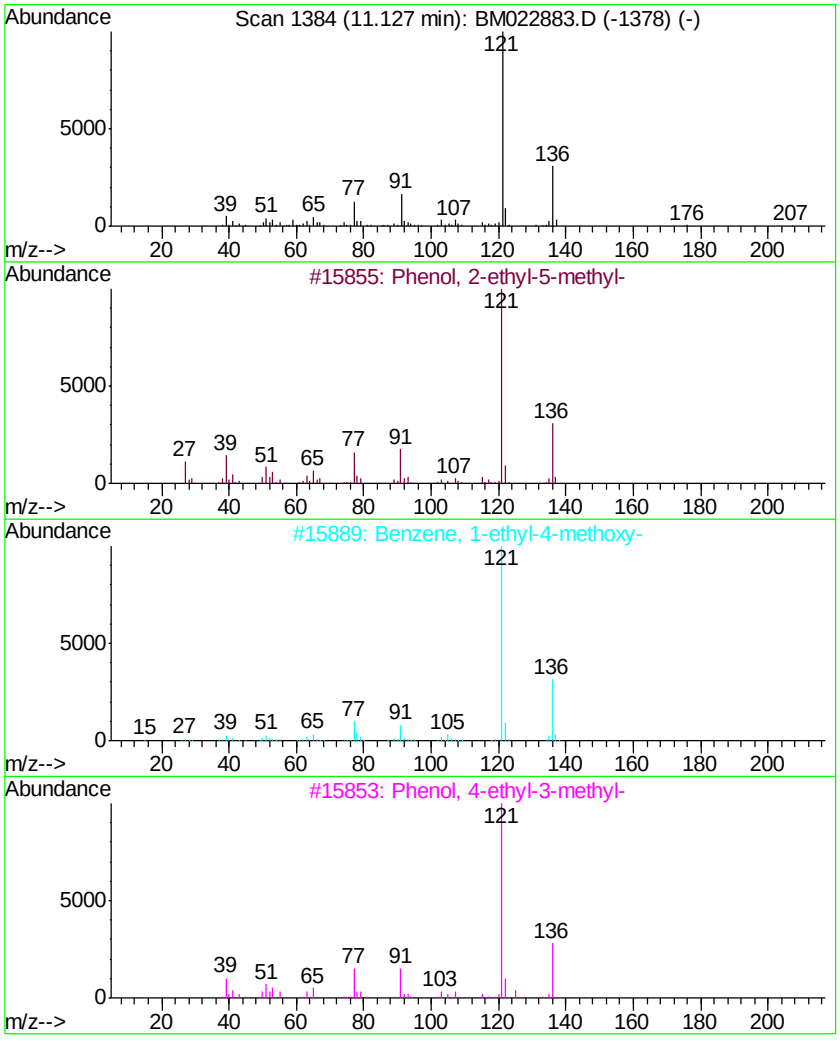
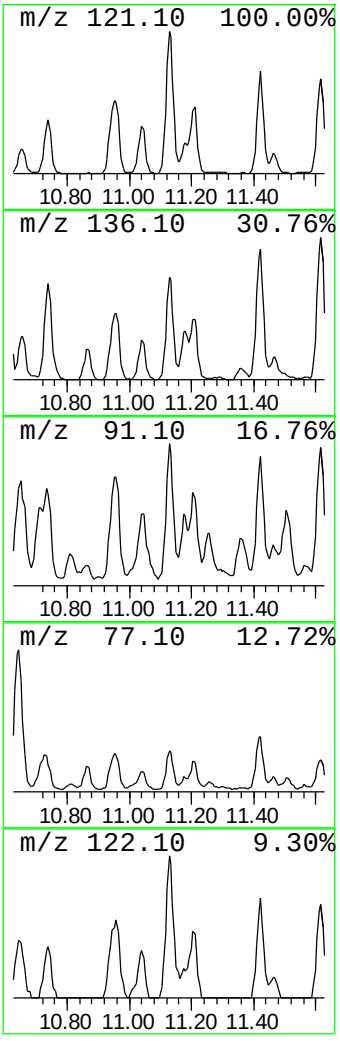
Peak Number 29 Phenol, 2-ethyl-5-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.80 ng/ul	447066	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022883.D
Acq On : 02 Oct 2019 09:12
Operator : JU
Sample : K4932-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDM7

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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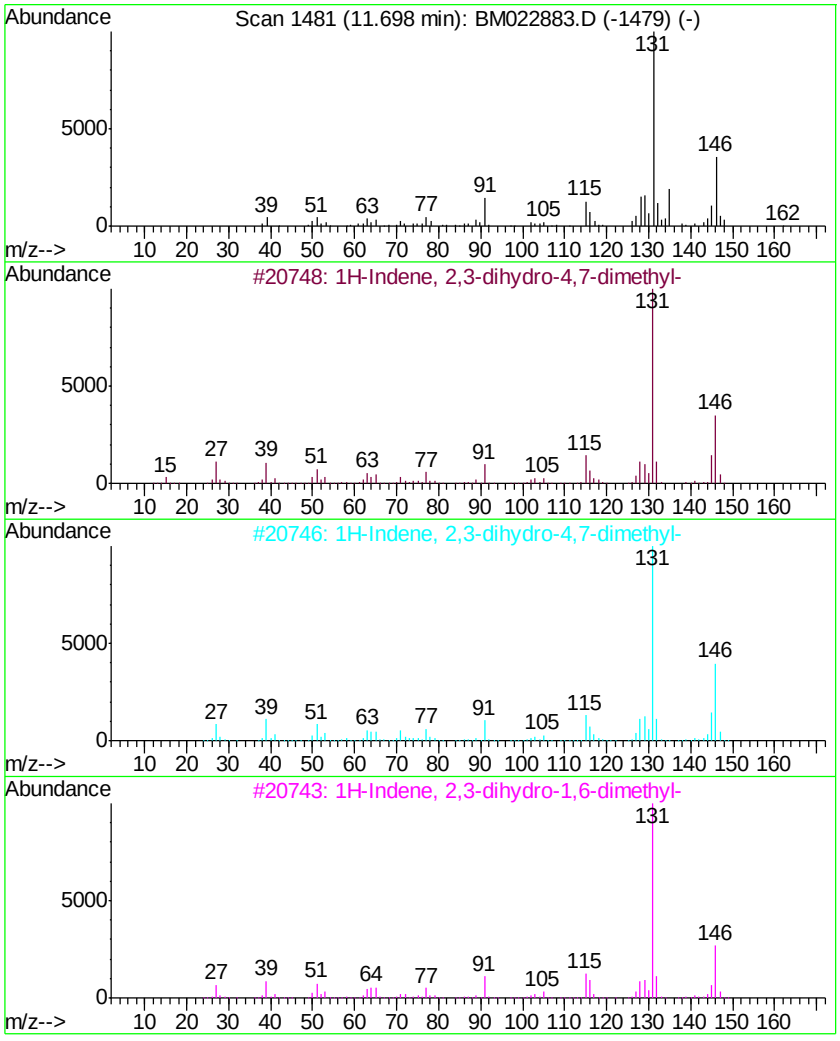
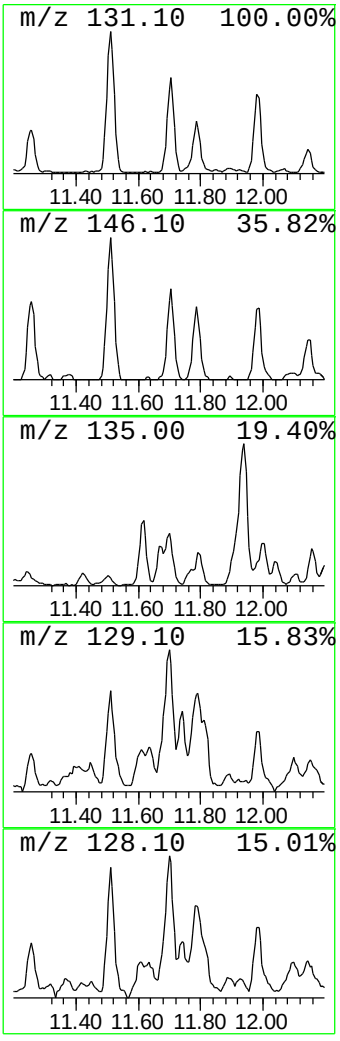
Peak Number 33 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.27 ng/ul	362843	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90





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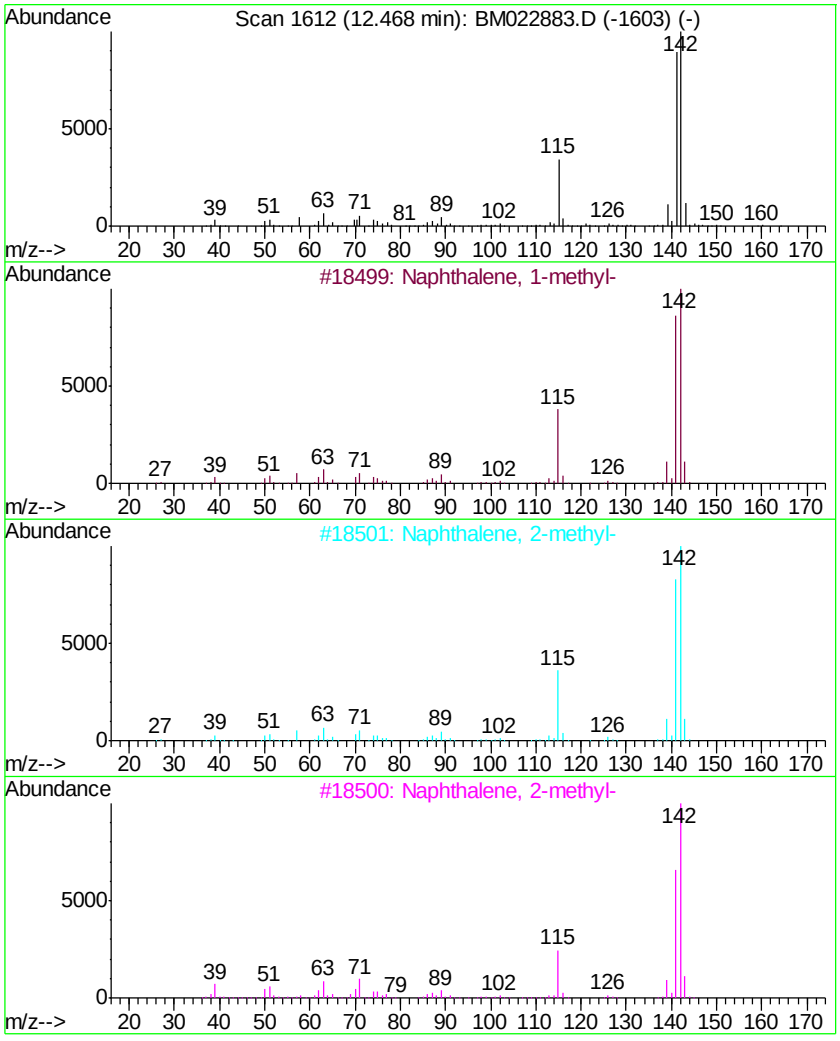
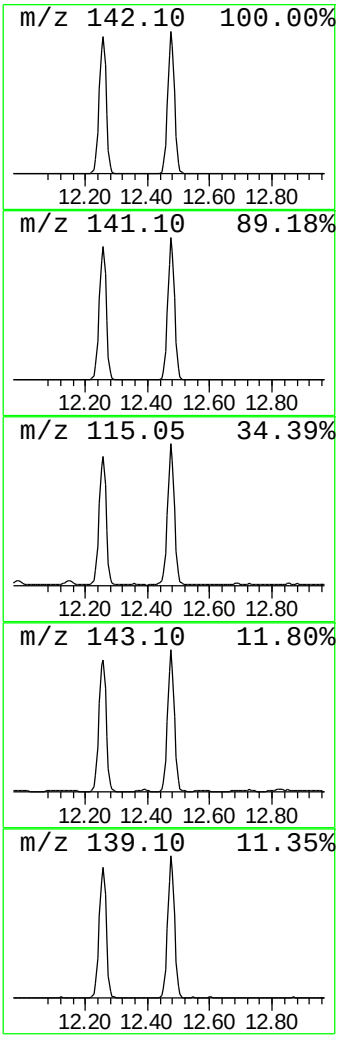
****

Peak Number 40 Naphthalene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	13.68 ng/ul	2186760	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	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.73	4.1	ng/ul	389018	1	7.80	1883800	20.0
Toluene	4.00	9.3	ng/ul	875569	1	7.80	1883800	20.0
Propanoic acid, 2...	4.27	9.3	ng/ul	873832	1	7.80	1883800	20.0
Propanoic acid, p...	4.45	14.1	ng/ul	1325220	1	7.80	1883800	20.0
Butanoic acid, 1-...	4.90	16.8	ng/ul	1577220	1	7.80	1883800	20.0
Ethylbenzene	5.32	7.3	ng/ul	686311	1	7.80	1883800	20.0
o-Xylene	5.46	14.7	ng/ul	1386310	1	7.80	1883800	20.0
Butanoic acid, pr...	5.76	2.8	ng/ul	264191	1	7.80	1883800	20.0
p-Xylene	5.82	10.4	ng/ul	979485	1	7.80	1883800	20.0
Benzene, propyl-	6.79	5.7	ng/ul	534289	1	7.80	1883800	20.0
Benzene, 1-ethyl-...	6.90	8.8	ng/ul	826485	1	7.80	1883800	20.0
Benzene, 1,2,3-tr...	7.46	34.6	ng/ul	3257260	1	7.80	1883800	20.0
Benzene, 1,2-dich...	8.16	8.4	ng/ul	787159	1	7.80	1883800	20.0
Benzene, 1,2-diet...	8.30	2.2	ng/ul	211291	1	7.80	1883800	20.0
Benzene, 1-methyl...	8.35	3.1	ng/ul	290260	1	7.80	1883800	20.0
Benzene, 1,3-diet...	8.45	7.2	ng/ul	677597	1	7.80	1883800	20.0
Benzene, 1-methyl...	8.76	4.6	ng/ul	430380	1	7.80	1883800	20.0
Benzene, 1-methyl...	8.81	4.2	ng/ul	399054	1	7.80	1883800	20.0
Benzene, 2-ethyl-...	9.23	3.2	ng/ul	515429	2	10.59	3196790	20.0
Benzene, 1,2,3,4-...	9.43	4.1	ng/ul	650026	2	10.59	3196790	20.0
Benzene, 1,2,4,5-...	9.49	6.3	ng/ul	998596	2	10.59	3196790	20.0
1H-Indene, 2,3-di...	9.85	4.1	ng/ul	657606	2	10.59	3196790	20.0
Benzene, 2-etheny...	10.00	15.4	ng/ul	2469420	2	10.59	3196790	20.0
Phenol, 3,5-dimet...	10.07	6.0	ng/ul	957893	2	10.59	3196790	20.0
Phenol, 3,4-dimet...	10.46	3.6	ng/ul	580414	2	10.59	3196790	20.0
Phenol, 2-ethyl-5...	11.13	2.8	ng/ul	447066	2	10.59	3196790	20.0
1H-Indene, 2,3-di...	11.70	2.3	ng/ul	362843	2	10.59	3196790	20.0
Naphthalene, 1-me...	12.47	13.7	ng/ul	2186760	2	10.59	3196790	20.0