LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022888.D
Acq On : 02 Oct 2019 12:15
Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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	rVB	2264769	2796589	61.67%	3.107%
2	3.728	122	126	132	rVV	227106	287388	6.34%	0.319%
3	4.004	166	173	178	rBV2	244965	413494	9.12%	0.459%
4	4.269	213	218	224	rBV	490887	632983	13.96%	0.703%
5	4.340	225	230	243	rVB2	69727	138064	3.04%	0.153%
6	4.446	243	248	256	rBV	706271	938577	20.70%	1.043%
7	4.898	313	325	332	rBV	801619	1077421	23.76%	1.197%
8	5.322	391	397	405	rVV	533751	765673	16.88%	0.851%
9	5.451	414	419	428	rVV	555170	1331354	29.36%	1.479%
10	5.763	467	472	476	rVV	129327	184919	4.08%	0.205%
11	5.822	476	482	494	rVB	904674	1329891	29.33%	1.478%
12	6.298	558	563	574	rVB	110767	178184	3.93%	0.198%
13	6.787	638	646	659	rBV2	211456	404509	8.92%	0.449%
14	6.898	659	665	669	rVV	412196	620341	13.68%	0.689%
15	6.957	669	675	684	rVV4	509734	1187832	26.19%	1.320%
16	7.028	684	687	694	rVB	367216	546428	12.05%	0.607%
17	7.134	698	705	711	rBV	652506	1028659	22.68%	1.143%
18	7.198	711	716	722	rVV	522379	816747	18.01%	0.908%
19	7.334	733	739	748	rVV	800308	1281706	28.26%	1.424%
20	7.451	753	759	767	rVV	1762955	2710190	59.76%	3.011%
21	7.798	811	818	823	rBV	876733	1454230	32.07%	1.616%
22	7.839	823	825	833	rVV3	92467	180411	3.98%	0.200%
23	7.916	833	838	848	rVV	655195	1101707	24.29%	1.224%
24	8.175	874	882	888	rVV2	397807	930055	20.51%	1.033%
25	8.298	897	903	906	rBV	105645	162012	3.57%	0.180%
26	8.345	906	911	918	rVV2	137640	277467	6.12%	0.308%
27	8.439	918	927	932	rVV	317958	554548	12.23%	0.616%
28	8.504	932	938	945	rVV	704381	1125802	24.83%	1.251%
29	8.610	951	956	965	rVB2	103379	196886	4.34%	0.219%
30	8.757	975	981	985	rBV	200500	317418	7.00%	0.353%
31	8.804	985	989	997	rVB	181278	287842	6.35%	0.320%
32	8.910	997	1007	1010	rBV	404445	688289	15.18%	0.765%
33	8.951	1010	1014	1018	rVV	798762	1413737	31.17%	1.571%
34	8.986	1018	1020	1026	rVV2	384121	507758	11.20%	0.564%

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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	9.045	1026	1030	1039	rVB	102688	192888	4.25%	0.214%
36	9.151	1039	1048	1055	rBV5	44952	122202	2.69%	0.136%
37	9.239	1055	1063	1069	rBV3	113301	252903	5.58%	0.281%
38	9.428	1080	1095	1100	rBV	290684	501426	11.06%	0.557%
39	9.486	1100	1105	1113	rVB	455926	718432	15.84%	0.798%
40	9.675	1129	1137	1143	rBV	705520	1188879	26.22%	1.321%
41	9.798	1155	1158	1162	rVV3	83420	156870	3.46%	0.174%
42	9.845	1162	1166	1174	rVV	292554	517667	11.42%	0.575%
43	10.004	1181	1193	1200	rVV4	772293	1682344	37.10%	1.869%
44	10.075	1200	1205	1213	rVV3	138321	355465	7.84%	0.395%
45	10.145	1213	1217	1221	rVV3	74370	159605	3.52%	0.177%
46	10.216	1221	1229	1237	rVB	1168869	2161656	47.67%	2.402%
47	10.298	1237	1243	1249	rVB2	75184	125326	2.76%	0.139%
48	10.510	1274	1279	1283	rVV	221229	375873	8.29%	0.418%
49	10.592	1283	1293	1297	rVV	1324872	2553907	56.32%	2.838%
50	10.639	1297	1301	1308	rVV	712613	1287968	28.40%	1.431%
51	10.722	1308	1315	1327	rVV2	731789	1770666	39.05%	1.967%
52	10.957	1349	1355	1360	rVB3	78547	148046	3.26%	0.165%
53	11.257	1401	1406	1410	rVV2	92180	167390	3.69%	0.186%
54	11.422	1430	1434	1438	rVV	119929	204257	4.50%	0.227%
55	11.510	1444	1449	1454	rVB	125144	212507	4.69%	0.236%
56	11.616	1461	1467	1472	rVV2	104183	204382	4.51%	0.227%
57	11.698	1472	1481	1489	rVV2	268723	633925	13.98%	0.704%
58	11.786	1490	1496	1505	rVB3	103183	242192	5.34%	0.269%
59	11.933	1510	1521	1526	rBV	417716	758849	16.73%	0.843%
60	11.980	1526	1529	1538	rVB3	113949	186669	4.12%	0.207%
61	12.145	1546	1557	1562	rBV6	134108	393098	8.67%	0.437%
62	12.198	1562	1566	1570	rVV4	70059	131173	2.89%	0.146%
63	12.251	1570	1575	1580	rVV	446398	734608	16.20%	0.816%
64	12.474	1603	1613	1619	rVB	1118466	1912603	42.17%	2.125%
65	12.633	1635	1640	1645	rBV3	78155	148161	3.27%	0.165%
66	12.851	1672	1677	1686	rVV6	78215	235419	5.19%	0.262%
67	12.945	1690	1693	1701	rVV3	75730	137130	3.02%	0.152%
68	13.145	1719	1727	1729	rBV4	71044	159127	3.51%	0.177%
69	13.233	1736	1742	1745	rBV4	71933	164049	3.62%	0.182%
70	13.280	1745	1750	1758	rVV	601820	941052	20.75%	1.046%
71	13.492	1776	1786	1791	rVB5	110450	324959	7.17%	0.361%

LSC Area Percent Report

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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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	13.610	1793	1806	1812	rBV6	178253	600729	13.25%	0.668%
73	13.757	1826	1831	1836	rBV3	182054	377189	8.32%	0.419%
74	13.810	1836	1840	1842	rVV	184507	313637	6.92%	0.348%
75	13.845	1842	1846	1850	rVV	1925338	2658078	58.61%	2.954%
76	13.892	1850	1854	1865	rVB	1393296	1952917	43.06%	2.170%
77	13.992	1866	1871	1874	rBV2	93610	153307	3.38%	0.170%
78	14.033	1874	1878	1885	rVB6	66034	113442	2.50%	0.126%
79	14.127	1888	1894	1904	rVB	2349953	3502045	77.22%	3.891%
80	14.433	1940	1946	1953	rBV	1853045	2853615	62.93%	3.171%
81	14.633	1974	1980	1985	rVB2	197502	308670	6.81%	0.343%
82	14.710	1990	1993	1998	rVB2	83751	127008	2.80%	0.141%
83	14.839	2012	2015	2023	rVB5	55760	121908	2.69%	0.135%
84	14.951	2031	2034	2039	rBV2	96820	137163	3.02%	0.152%
85	15.051	2046	2051	2057	rVB5	68553	153321	3.38%	0.170%
86	15.321	2094	2097	2101	rVB	110441	150305	3.31%	0.167%
87	15.427	2109	2115	2121	rBV2	2986109	4534929	100.00%	5.039%
88	15.474	2121	2123	2128	rVB2	137349	169867	3.75%	0.189%
89	15.539	2129	2134	2142	rVB	784203	1130350	24.93%	1.256%
90	15.610	2142	2146	2149	rBV5	63766	121381	2.68%	0.135%
91	15.757	2166	2171	2176	rBV2	182241	332015	7.32%	0.369%
92	16.433	2282	2286	2290	rBV2	102122	137242	3.03%	0.152%
93	17.174	2406	2412	2417	rBV2	1973387	2683978	59.18%	2.982%
94	17.274	2423	2429	2439	rVB	2790489	3956011	87.23%	4.396%
95	18.074	2561	2565	2574	rBV	301433	459443	10.13%	0.511%
96	19.568	2813	2819	2824	rBV	2816987	3889526	85.77%	4.322%
97	21.074	3071	3075	3084	rVB	375372	464779	10.25%	0.516%
98	21.356	3118	3123	3128	rBV	1840908	2294484	50.60%	2.550%
99	23.474	3477	3483	3497	rVB	1916559	3806935	83.95%	4.230%
100	23.621	3502	3508	3517	rVB	1293315	2459539	54.24%	2.733%

Sum of corrected areas: 89996597

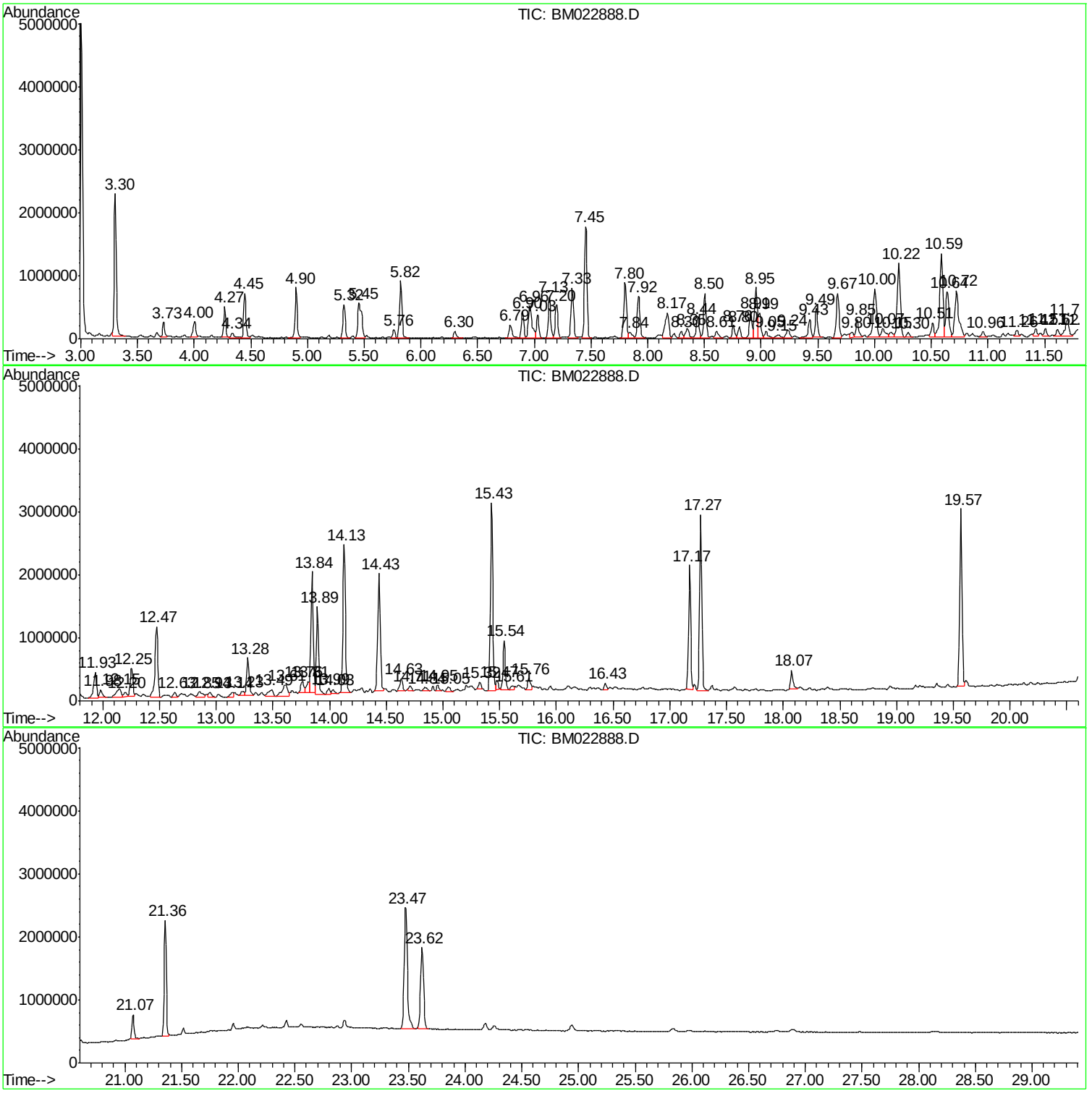
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022888.D
Acq On : 02 Oct 2019 12:15
Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDE9

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

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDE9

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

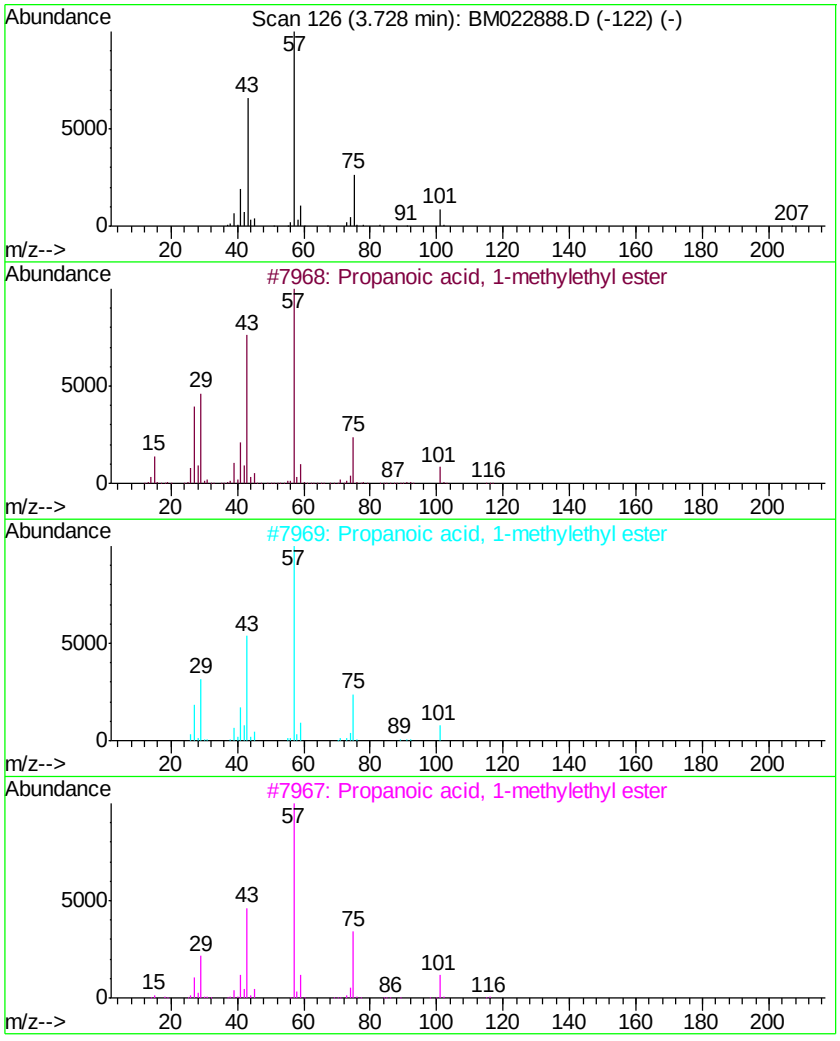
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

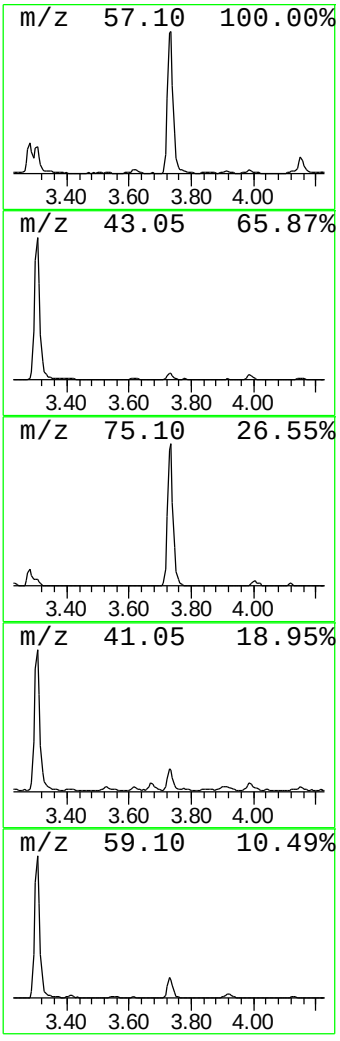
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.95 ng/ul	287388	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	83
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





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Acq On : 02 Oct 2019 12:15
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Instrument : BNA_M
ClientSampleId : BFDE9

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

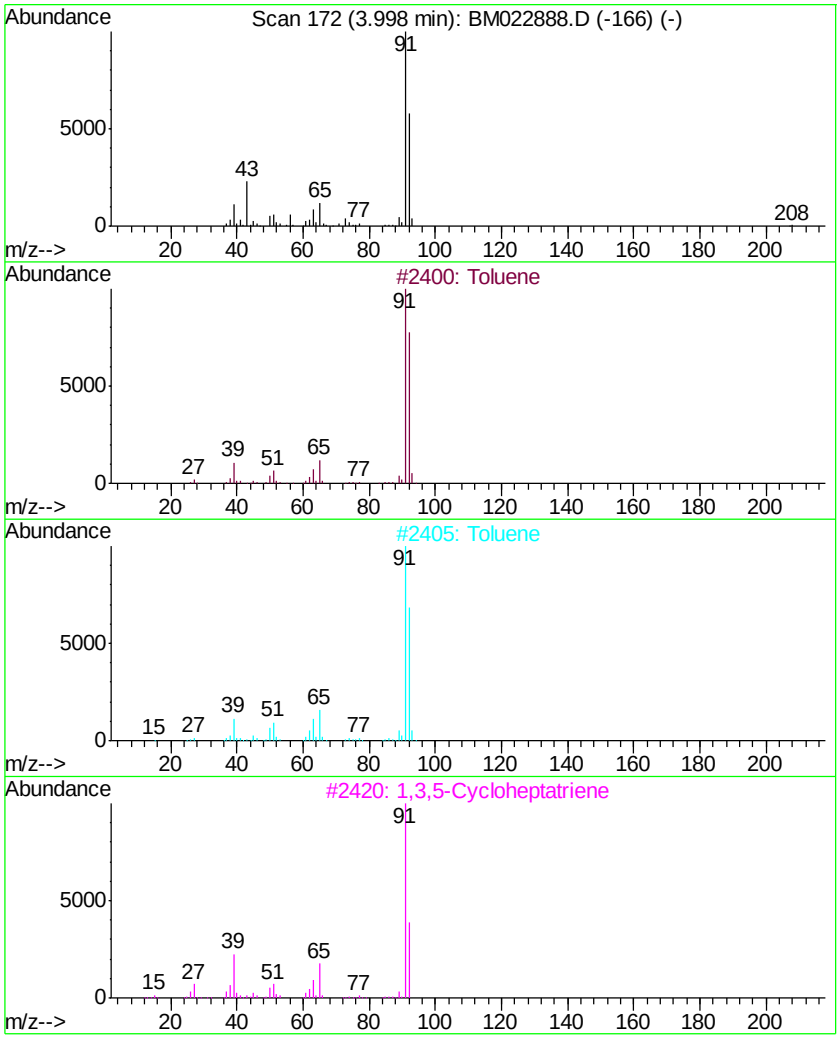
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

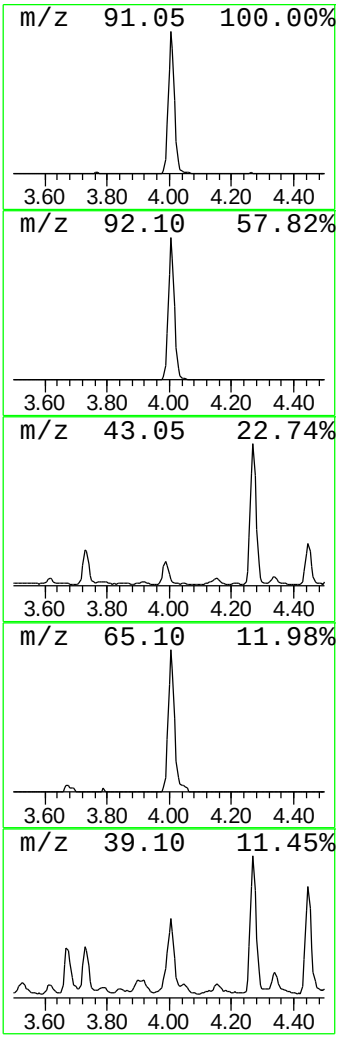
****

Peak Number 2 Toluene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	5.69 ng/ul	413494	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	93
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	87





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Quant Title : SVOA CALIBRATION

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

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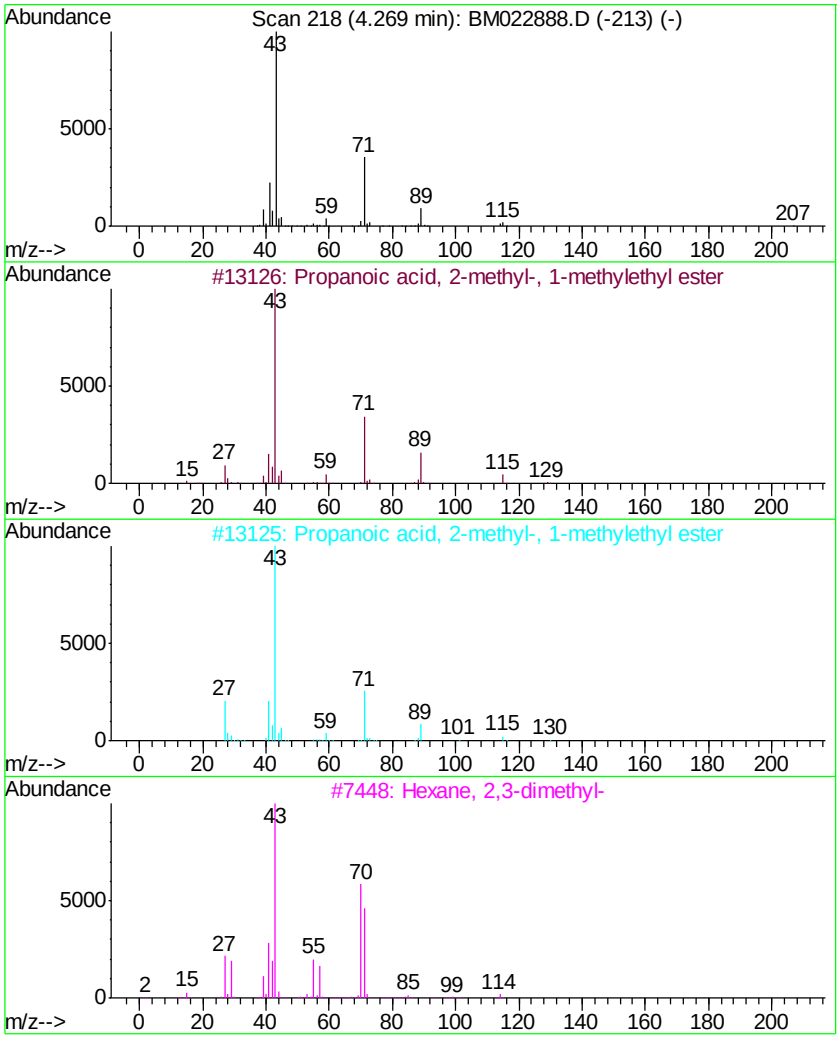
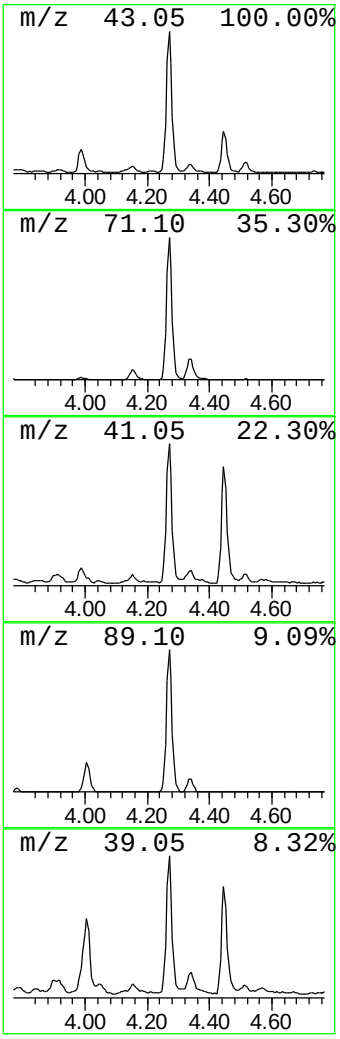
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	8.71 ng/ul	632983	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	83
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





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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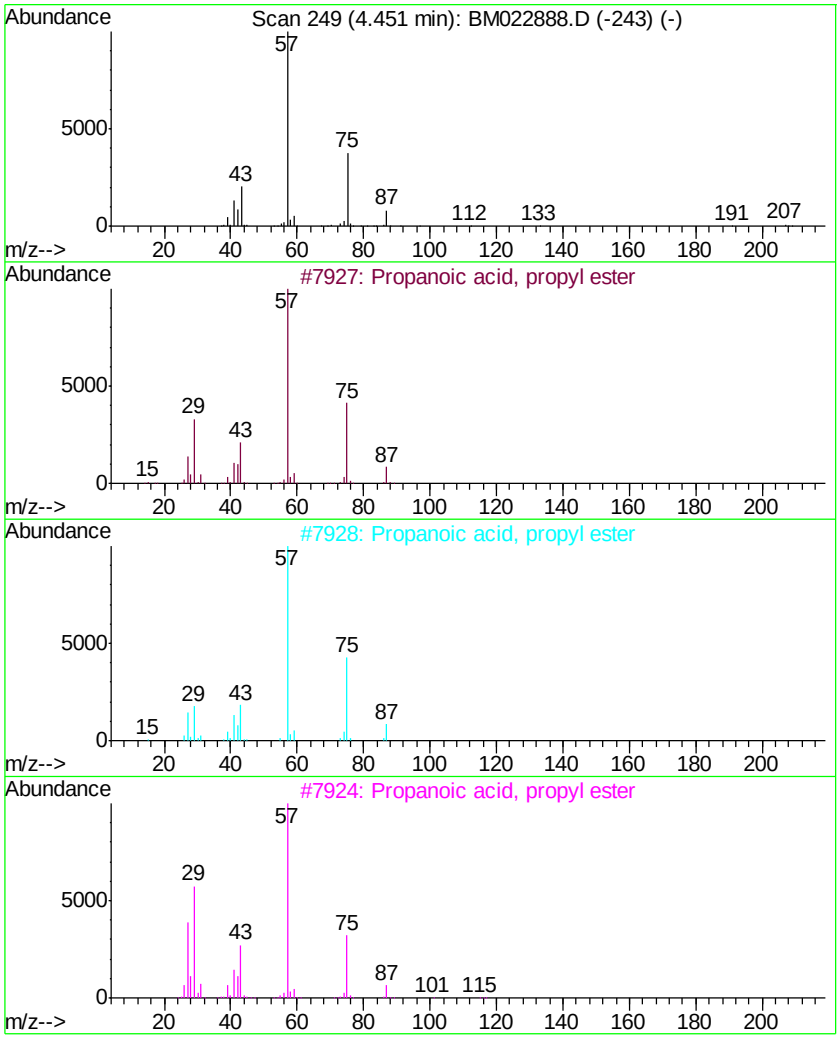
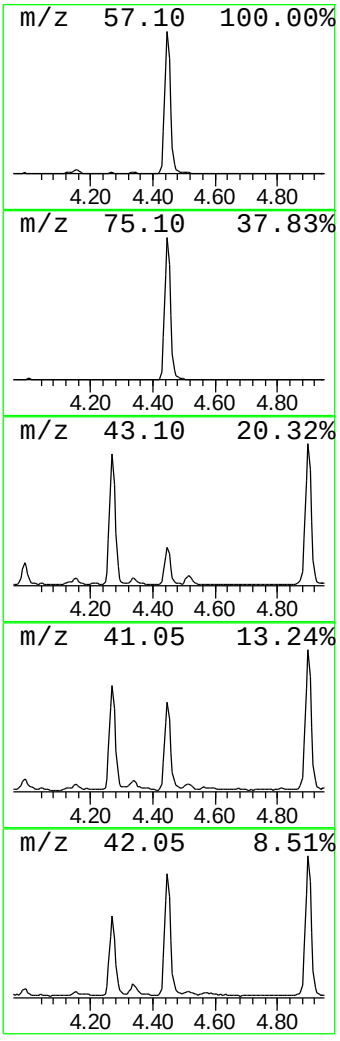
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	12.91 ng/ul	938577	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	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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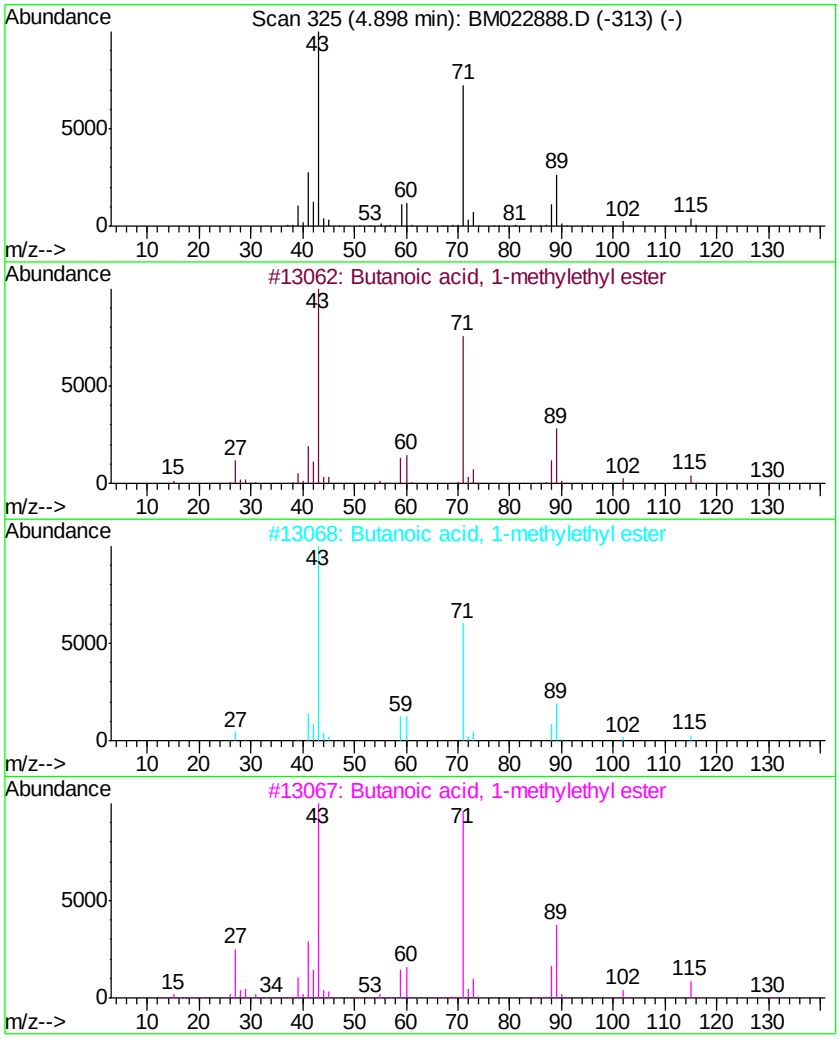
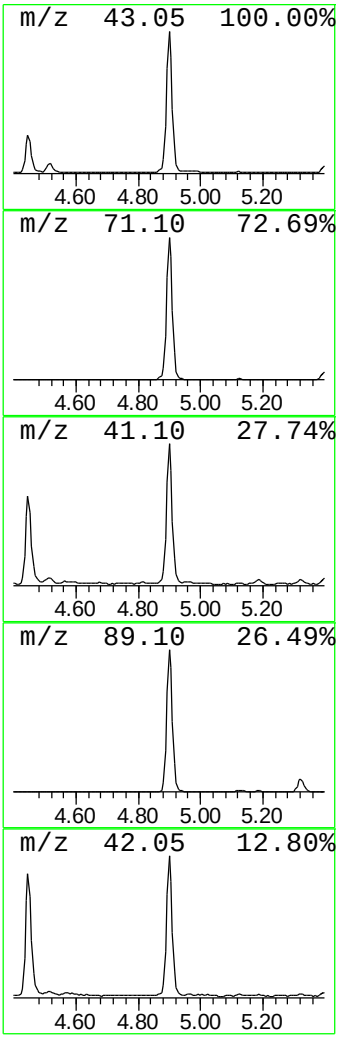
Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	14.82 ng/ul	1077420	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	86
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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Data File : BM022888.D
Acq On : 02 Oct 2019 12:15
Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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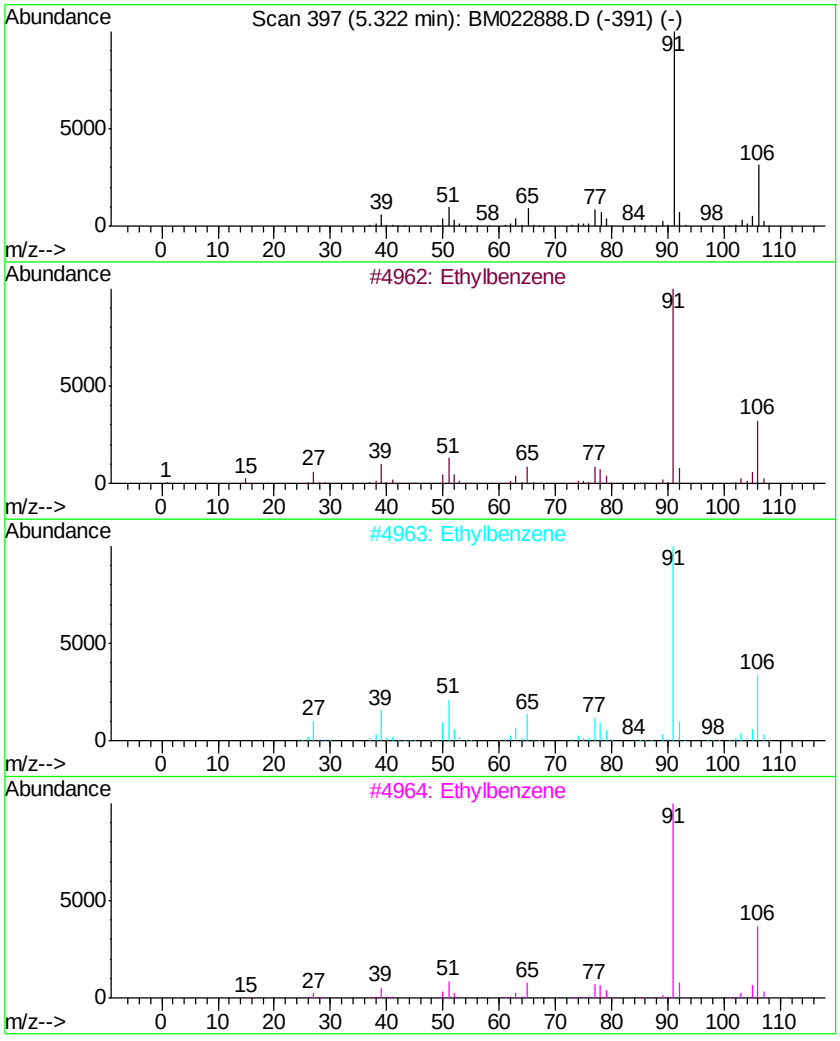
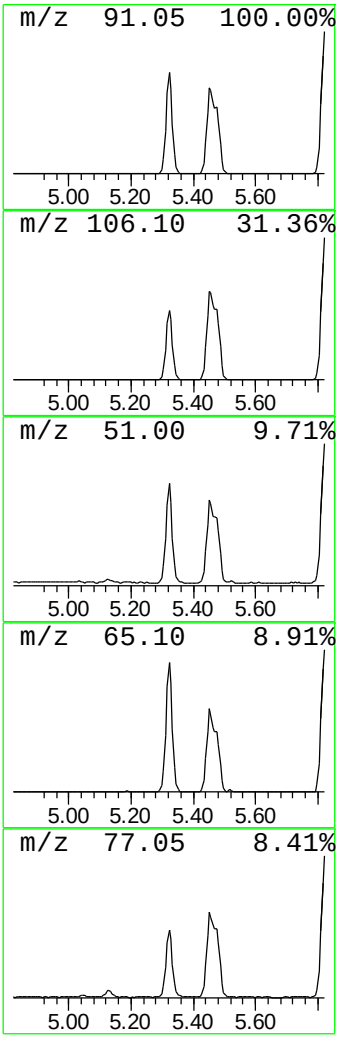
Peak Number 6 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	10.53 ng/ul	765673	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	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	86
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	72





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Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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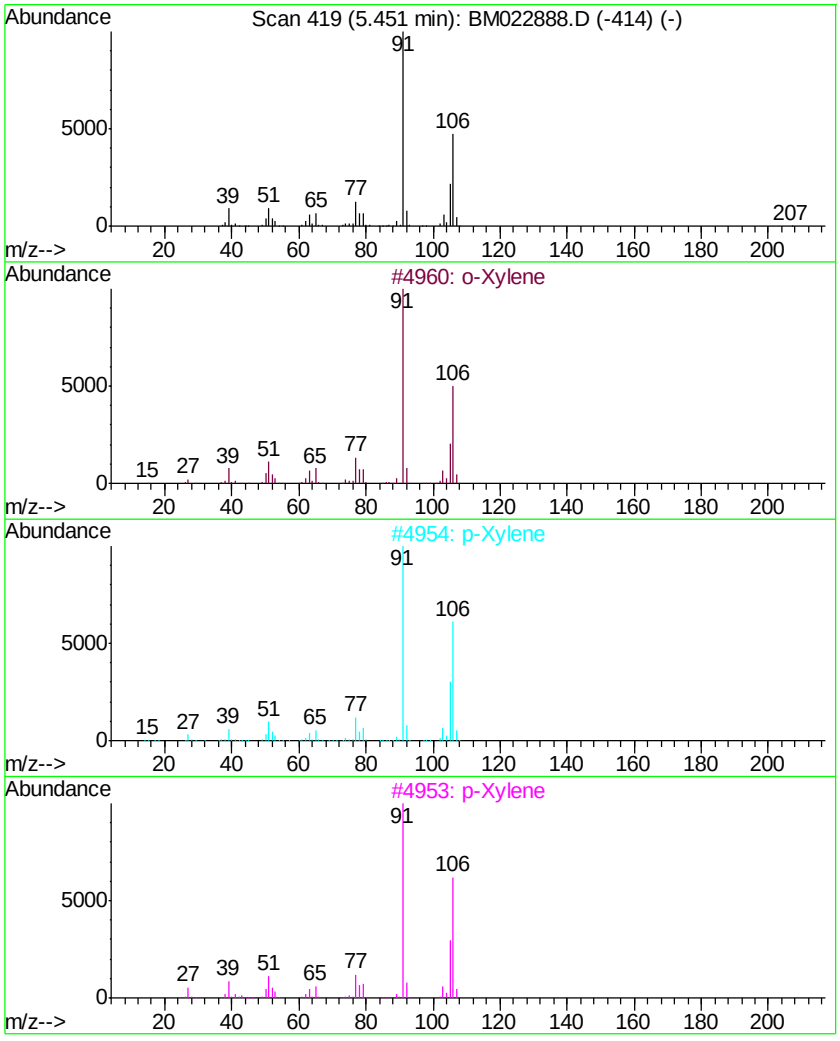
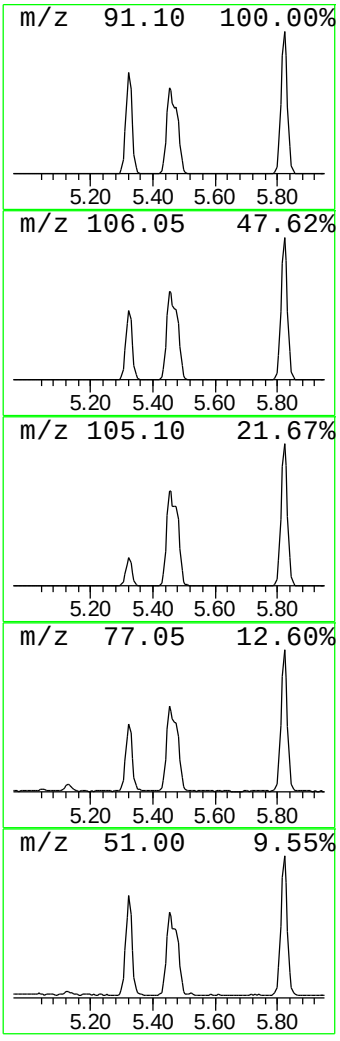
Peak Number 7 o-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	18.31 ng/ul	1331350	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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Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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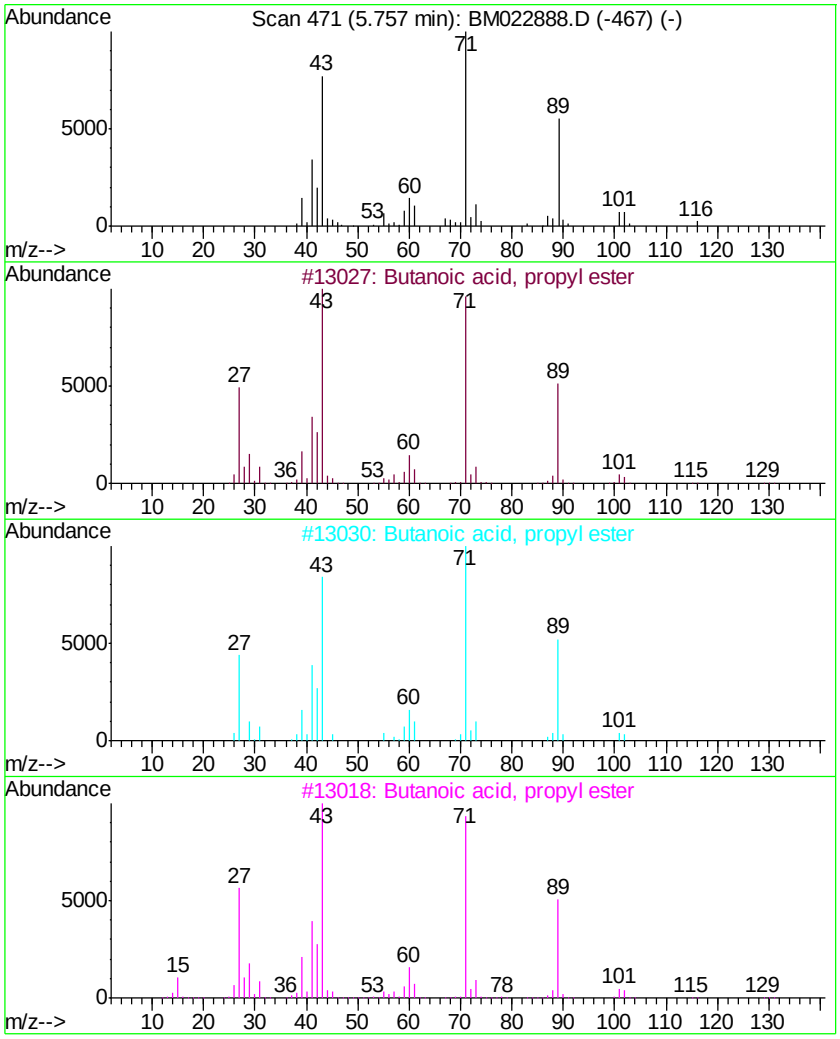
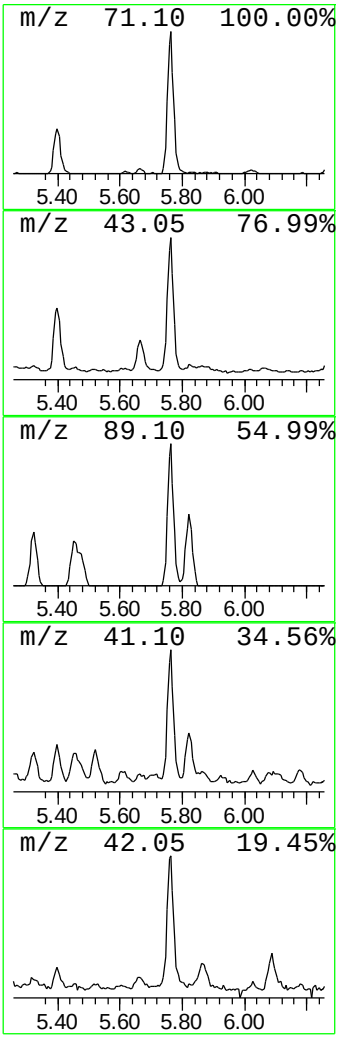
Peak Number 8 Butanoic acid, propyl ester Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.54 ng/ul	184919	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	78
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	78
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	78
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	78
5	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	64





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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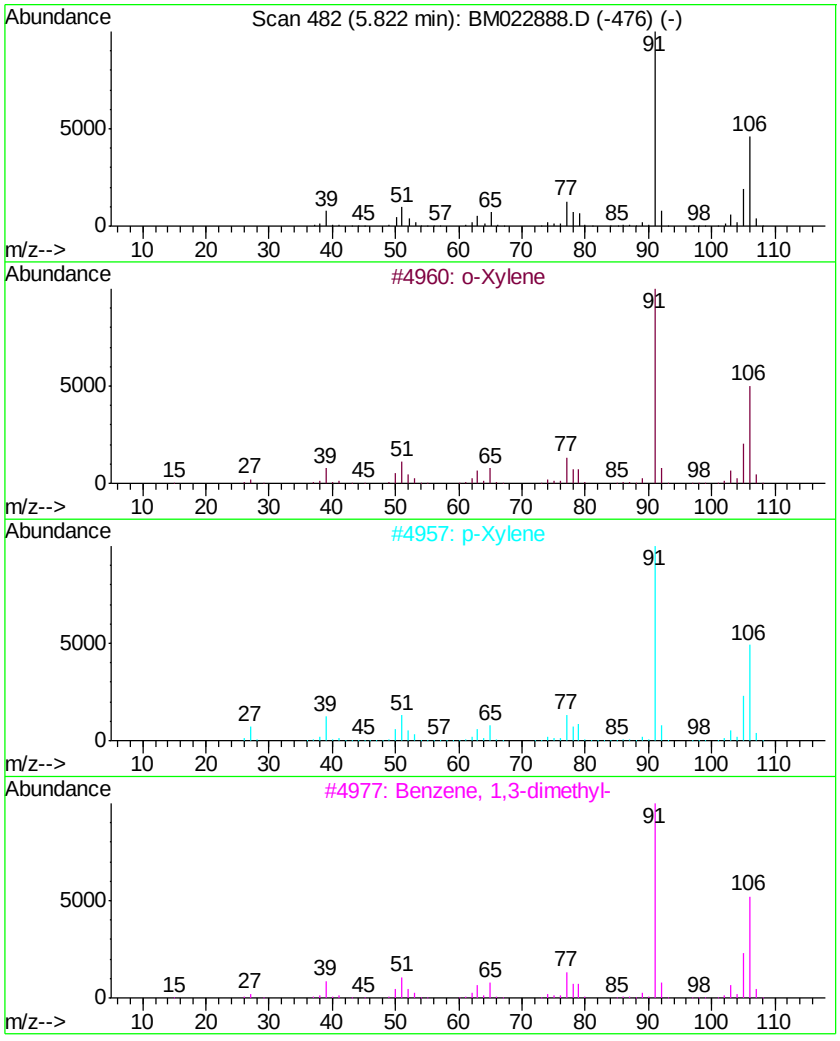
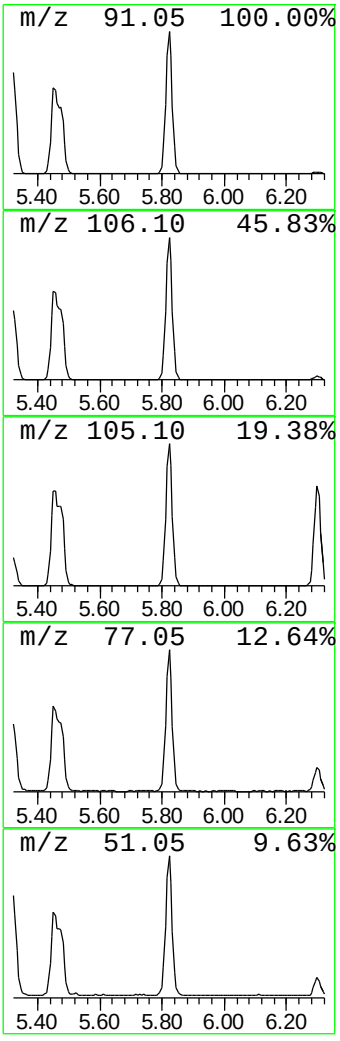
Peak Number 9 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	18.29 ng/ul	1329890	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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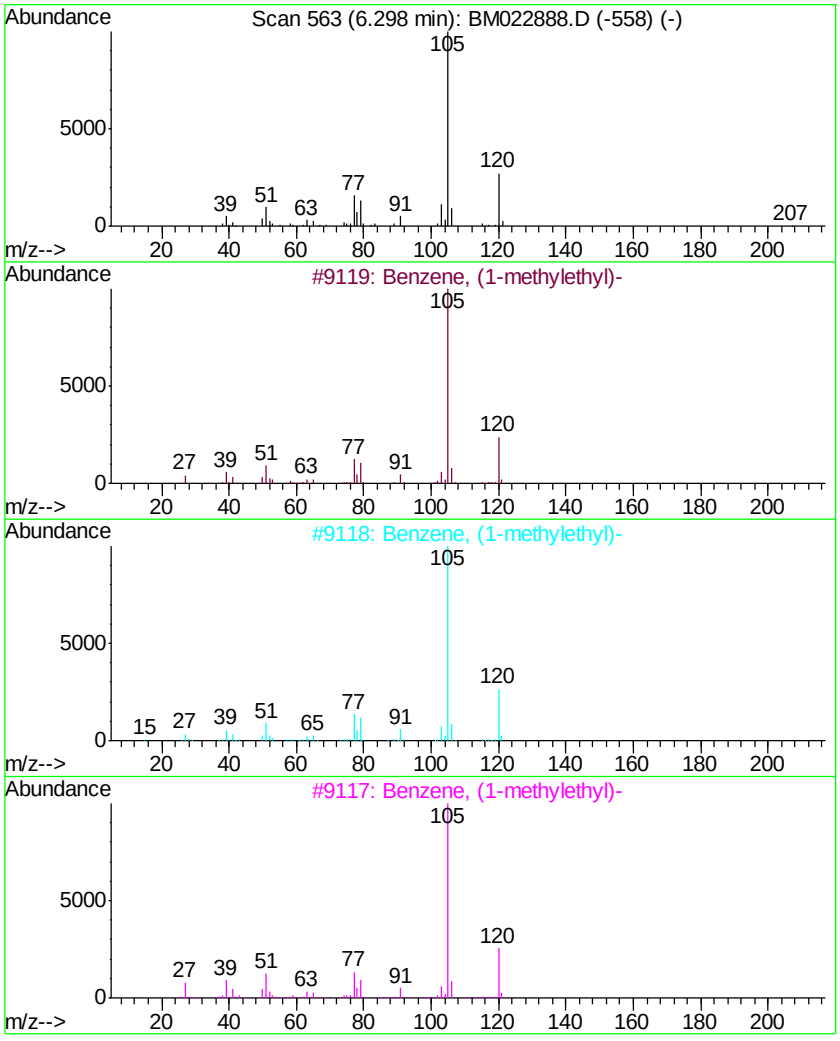
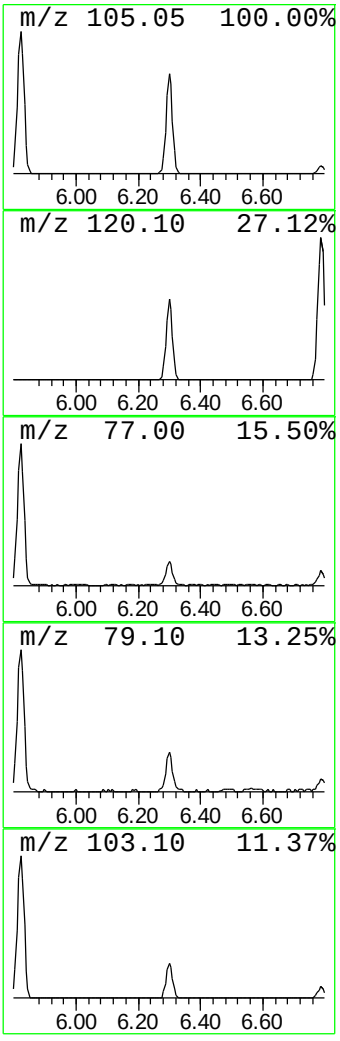
Peak Number 10 Benzene, (1-methylethyl)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.45 ng/ul	178184	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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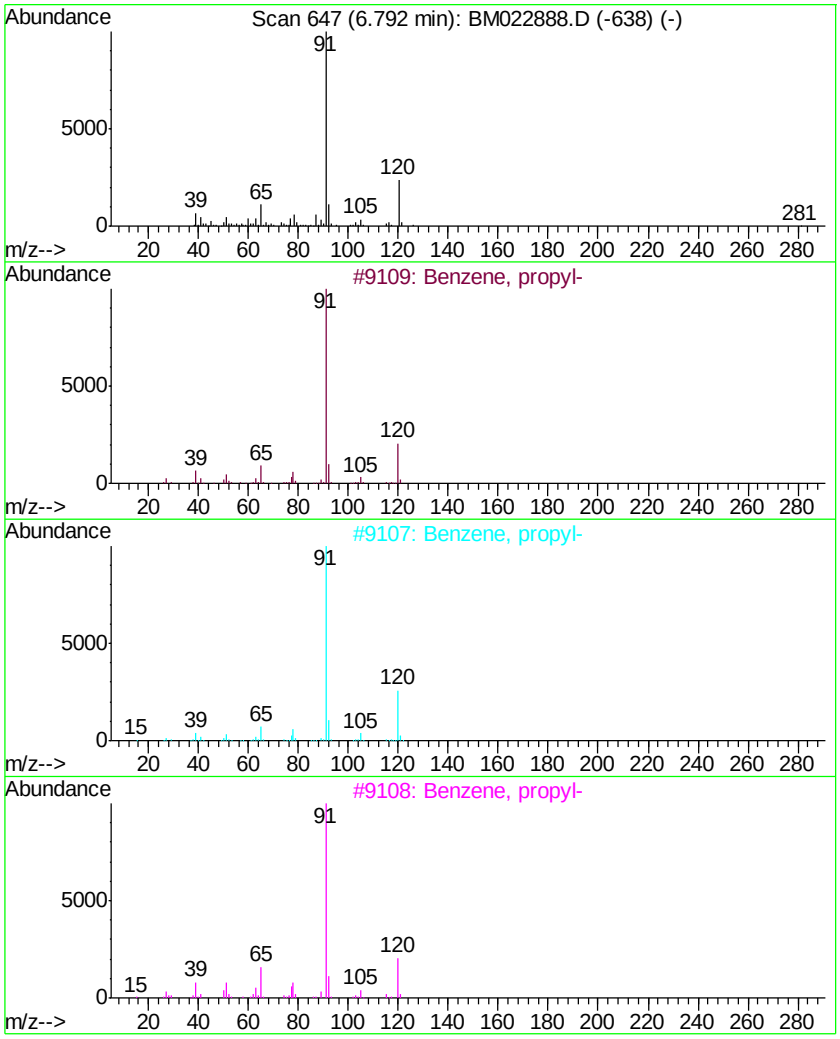
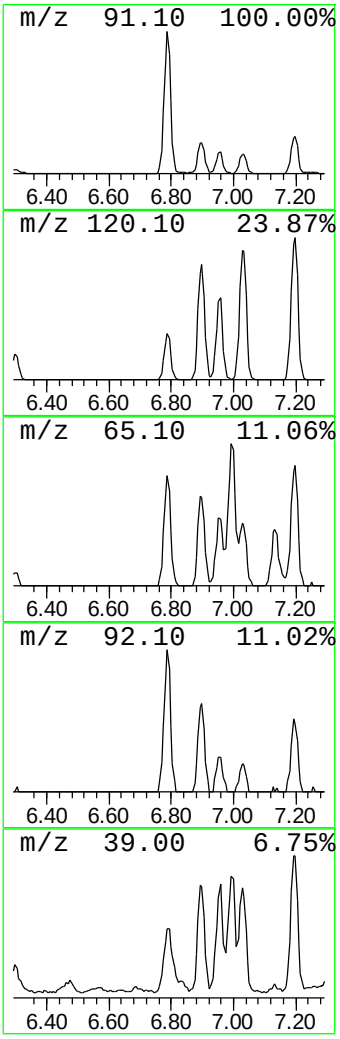
Peak Number 11 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	5.56 ng/ul	404509	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	64





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Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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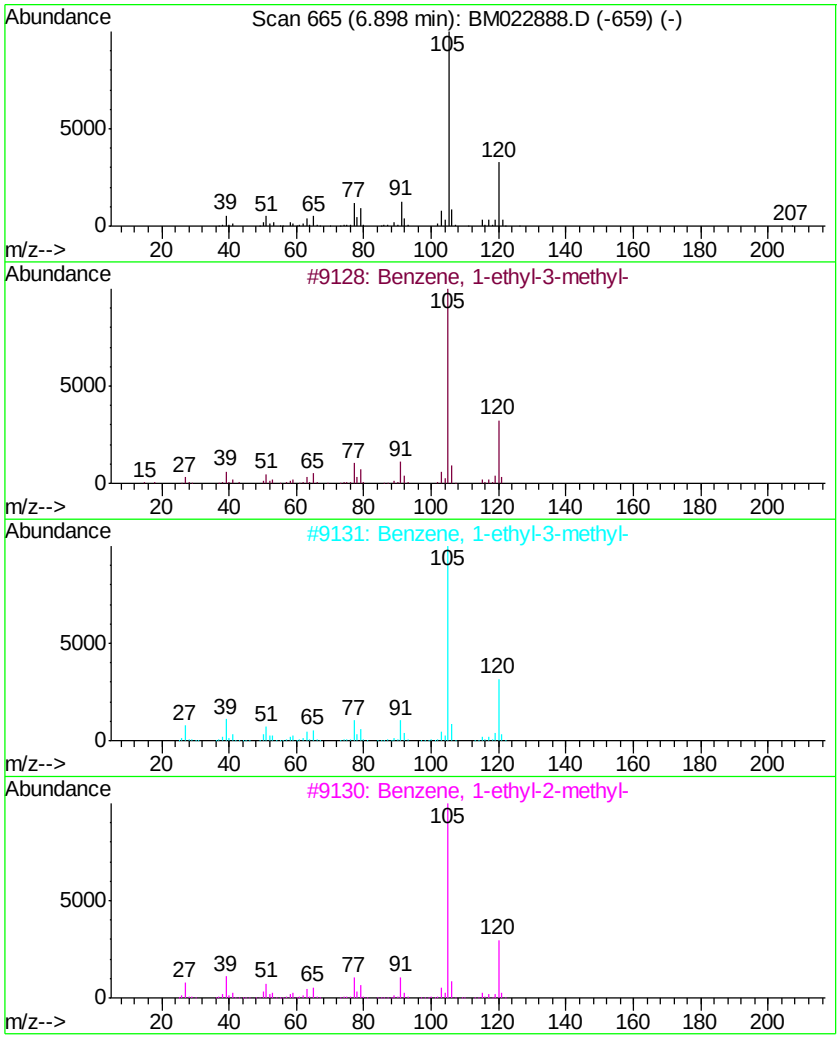
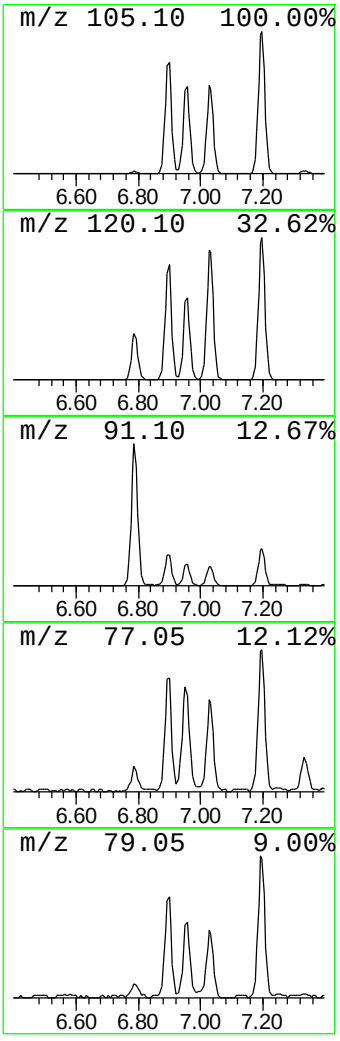
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	8.53 ng/ul	620341	1,4-Dichlorobenzene-d4	7.80

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





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Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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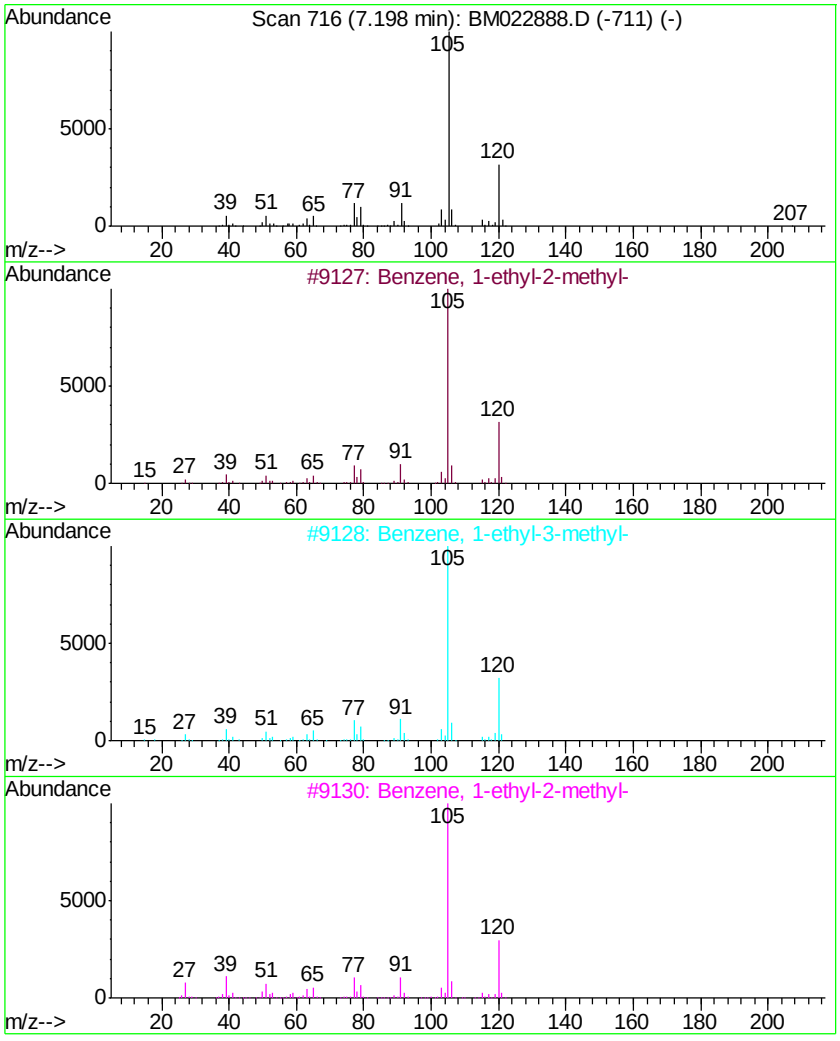
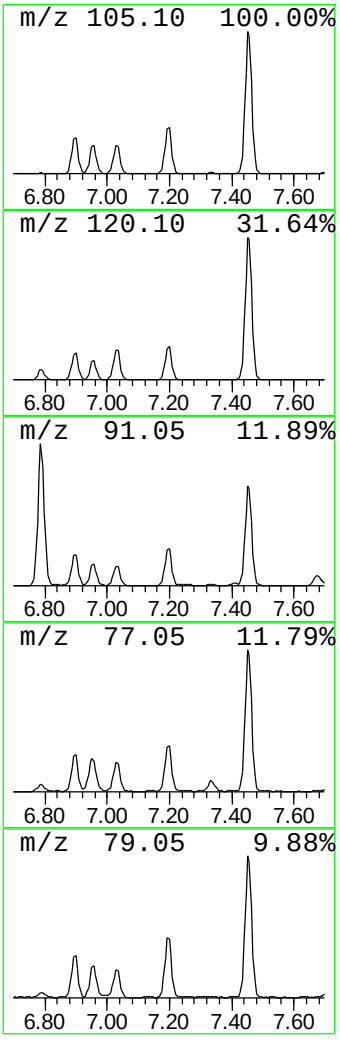
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	11.23 ng/ul	816747	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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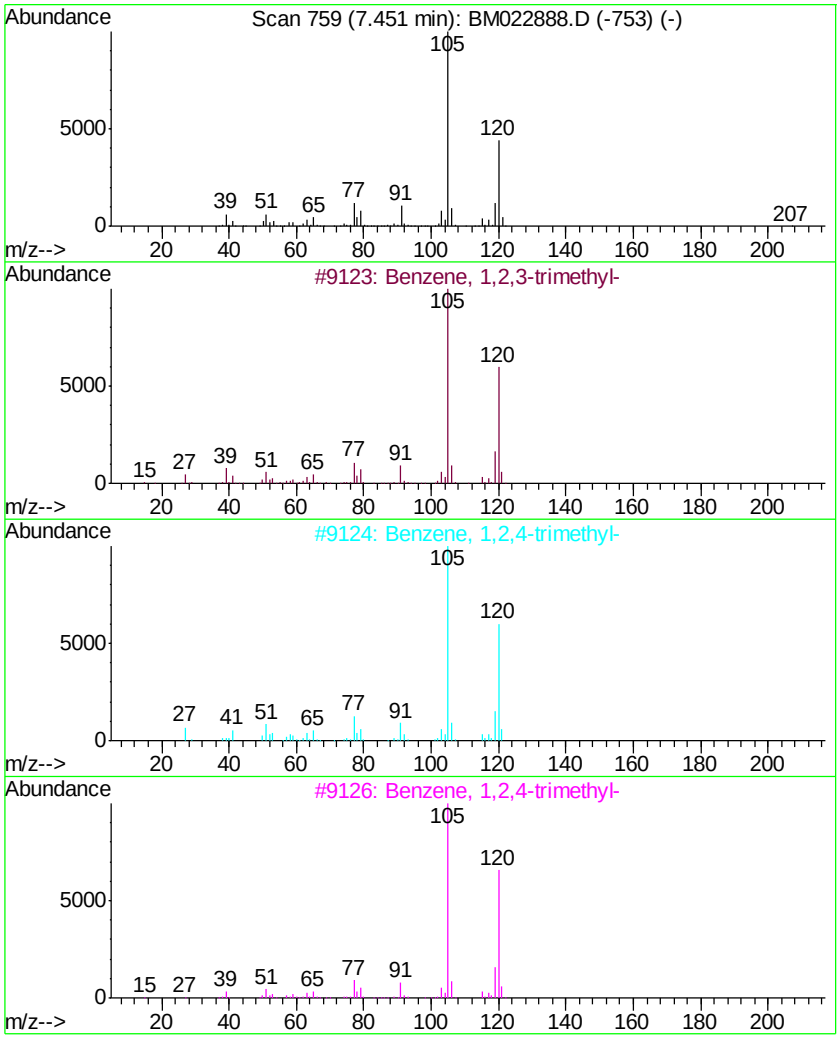
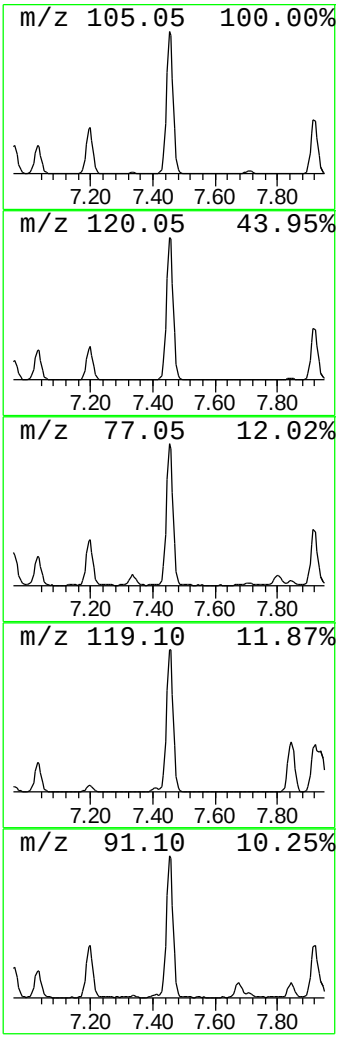
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	37.27 ng/ul	2710190	1,4-Dichlorobenzene-d4	7.80

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





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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 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.79 ng/ul	930055	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
3	Indane	118	C9H10	000496-11-7	72
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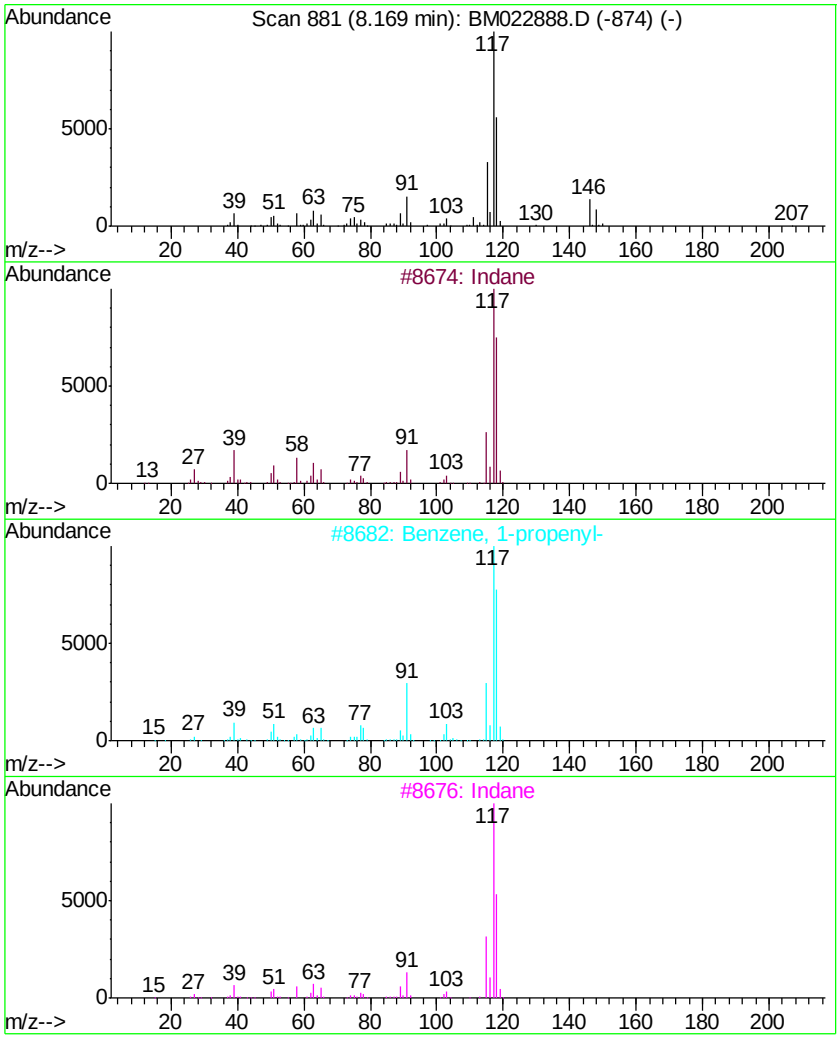
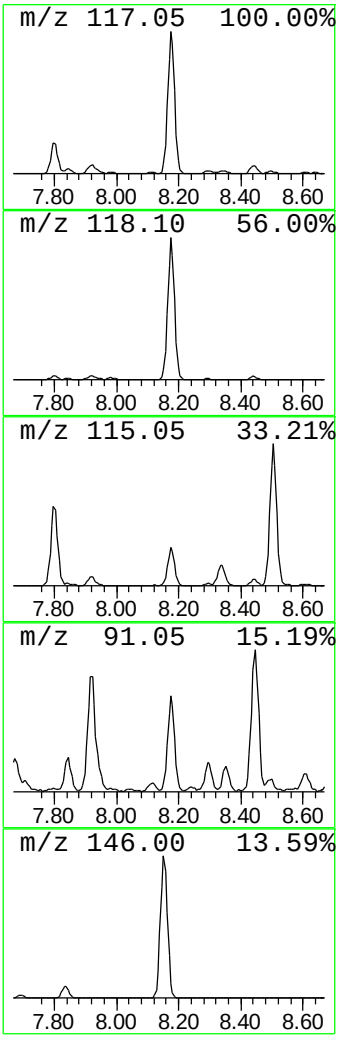
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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Quant Title : SVOA CALIBRATION

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

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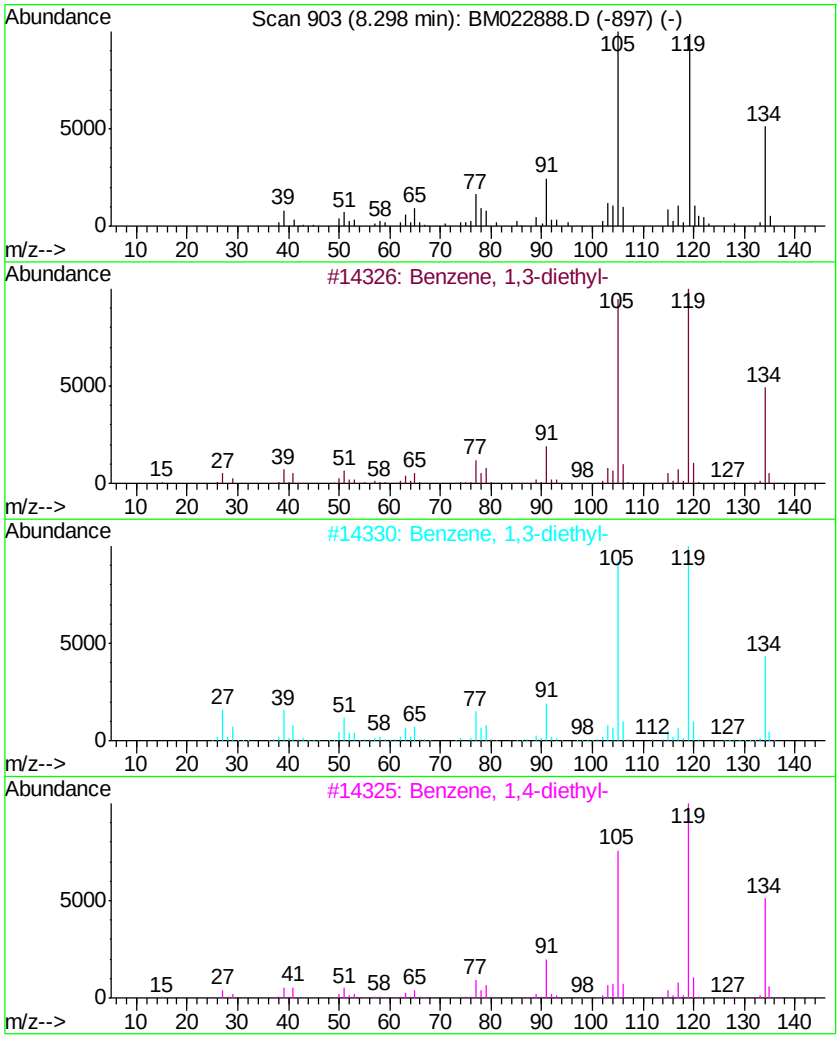
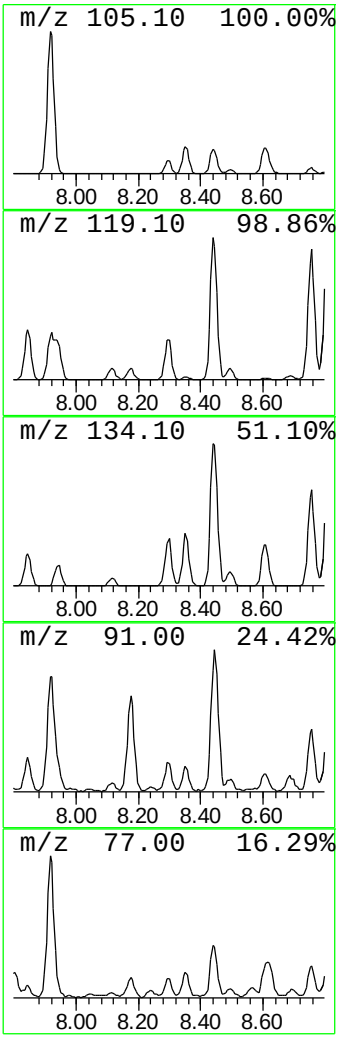
Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	2.23 ng/ul	162012	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, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93





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Quant Title : SVOA CALIBRATION

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

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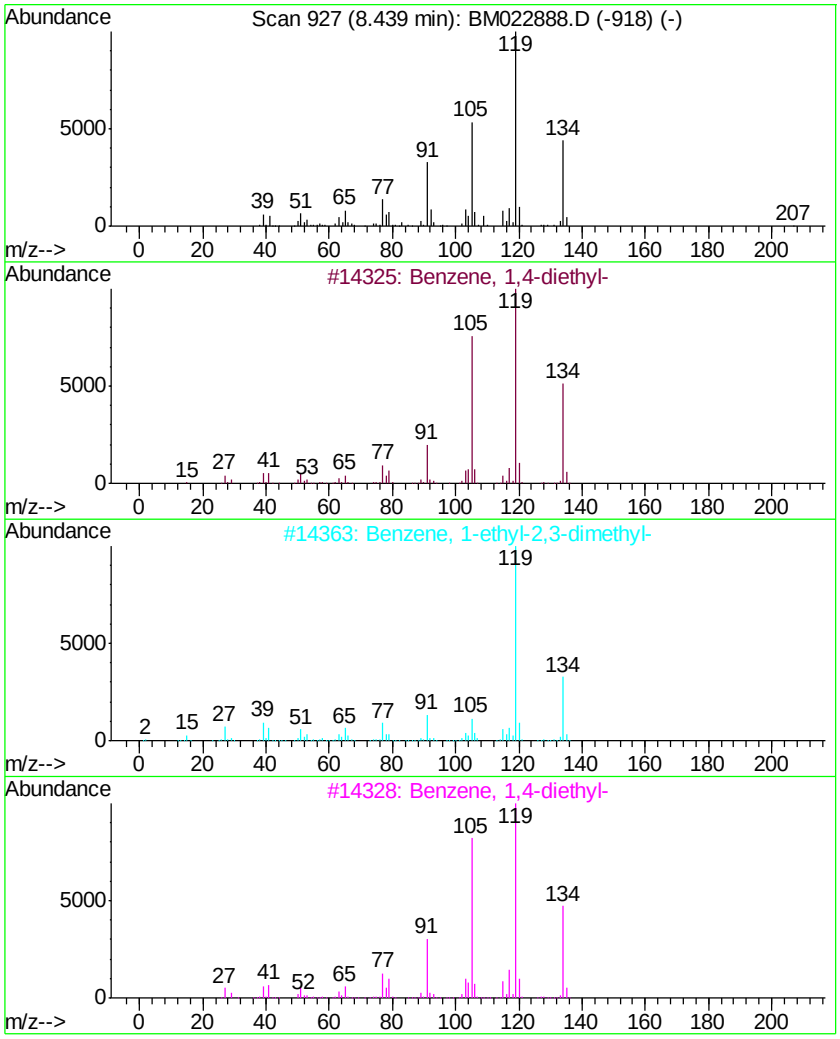
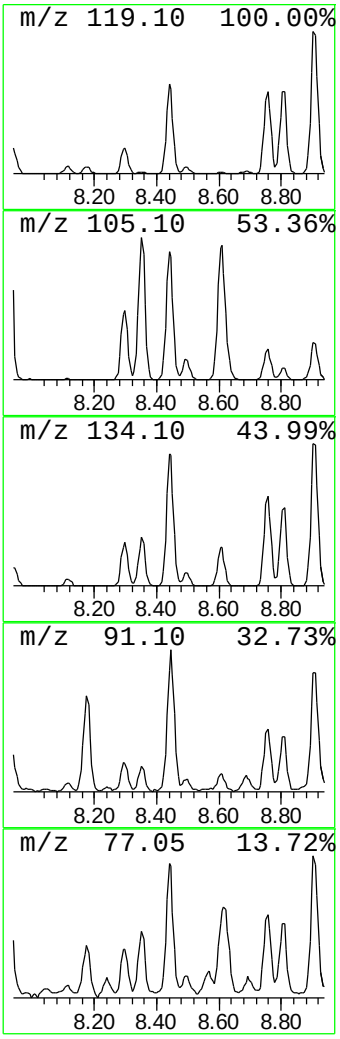
Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	7.63 ng/ul	554548	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

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Data File : BM022888.D
Acq On : 02 Oct 2019 12:15
Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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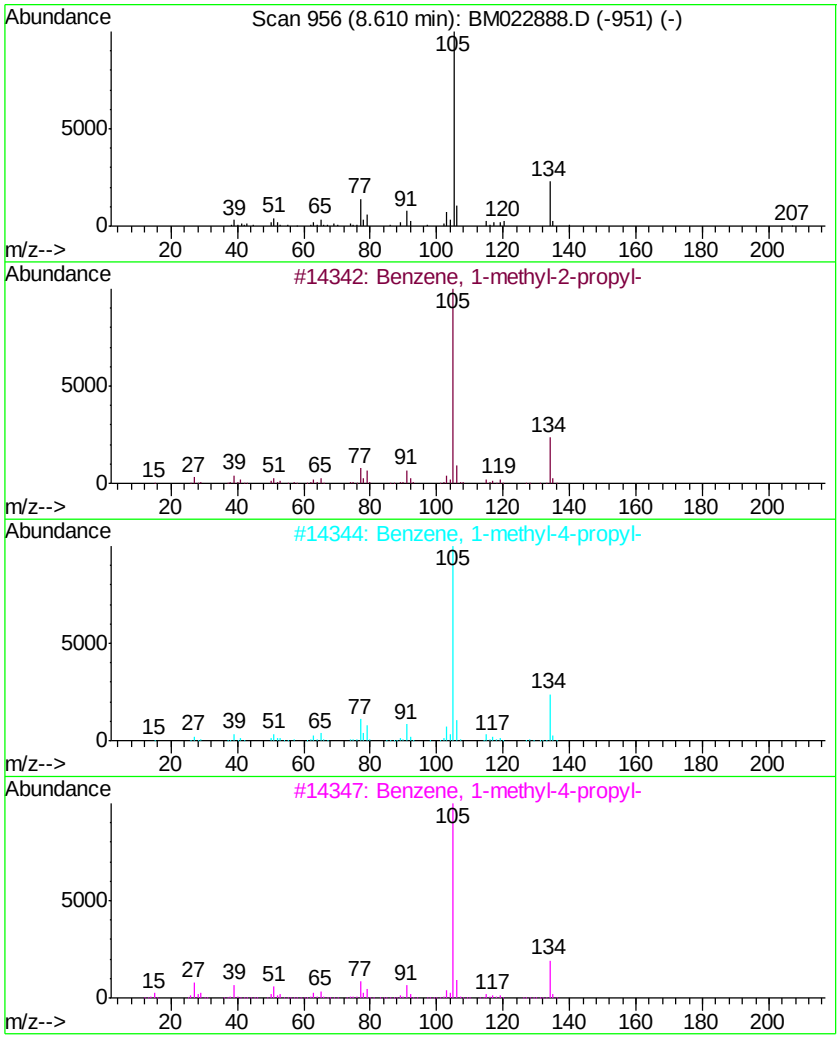
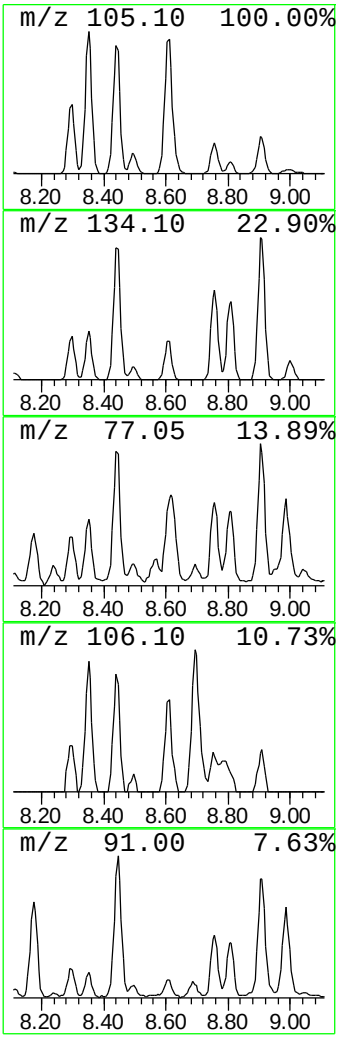
Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	2.71 ng/ul	196886	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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Acq On : 02 Oct 2019 12:15
Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

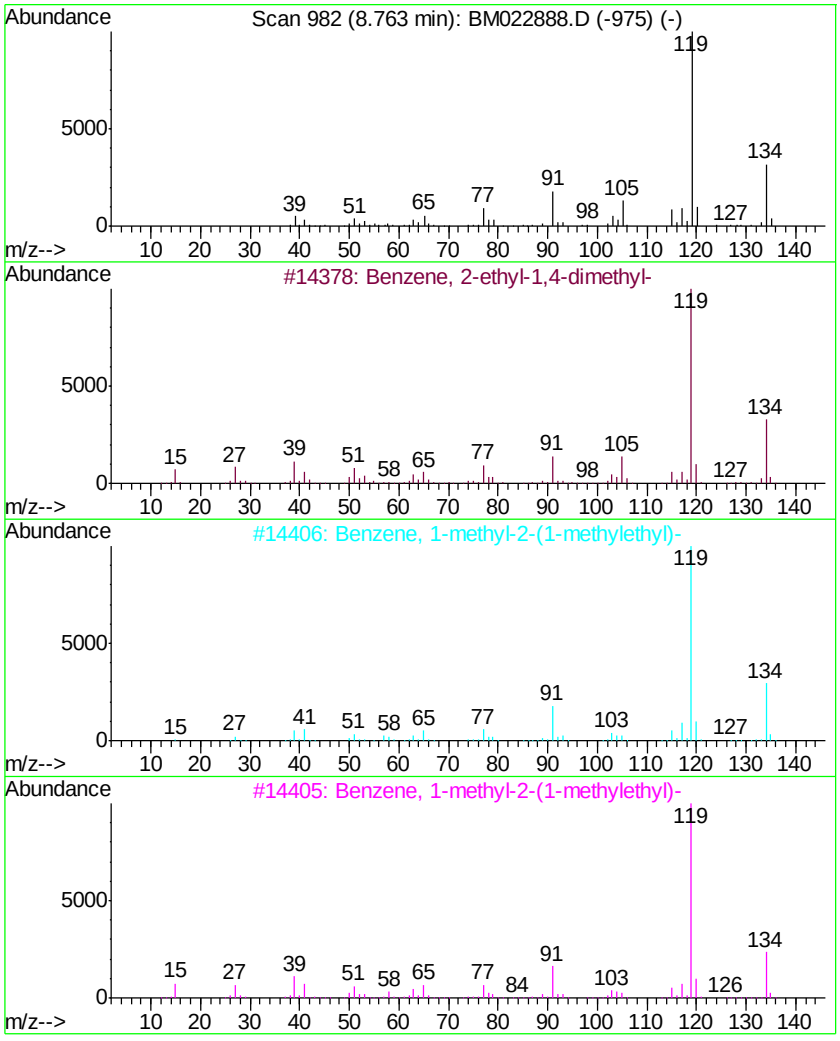
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

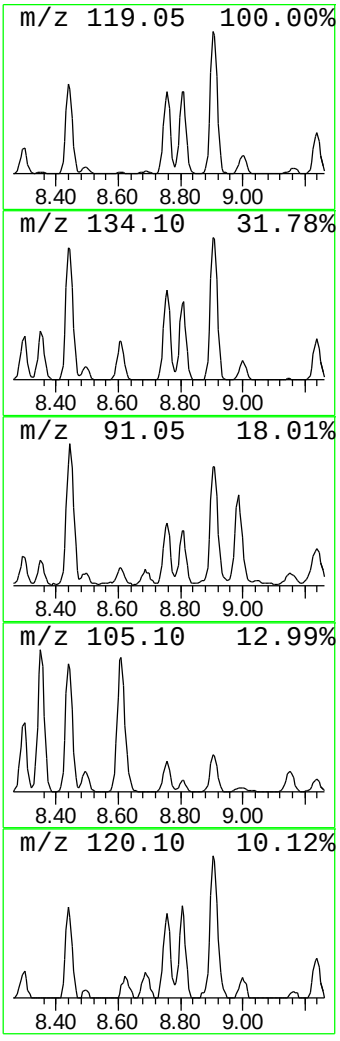
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	4.37 ng/ul	317418	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

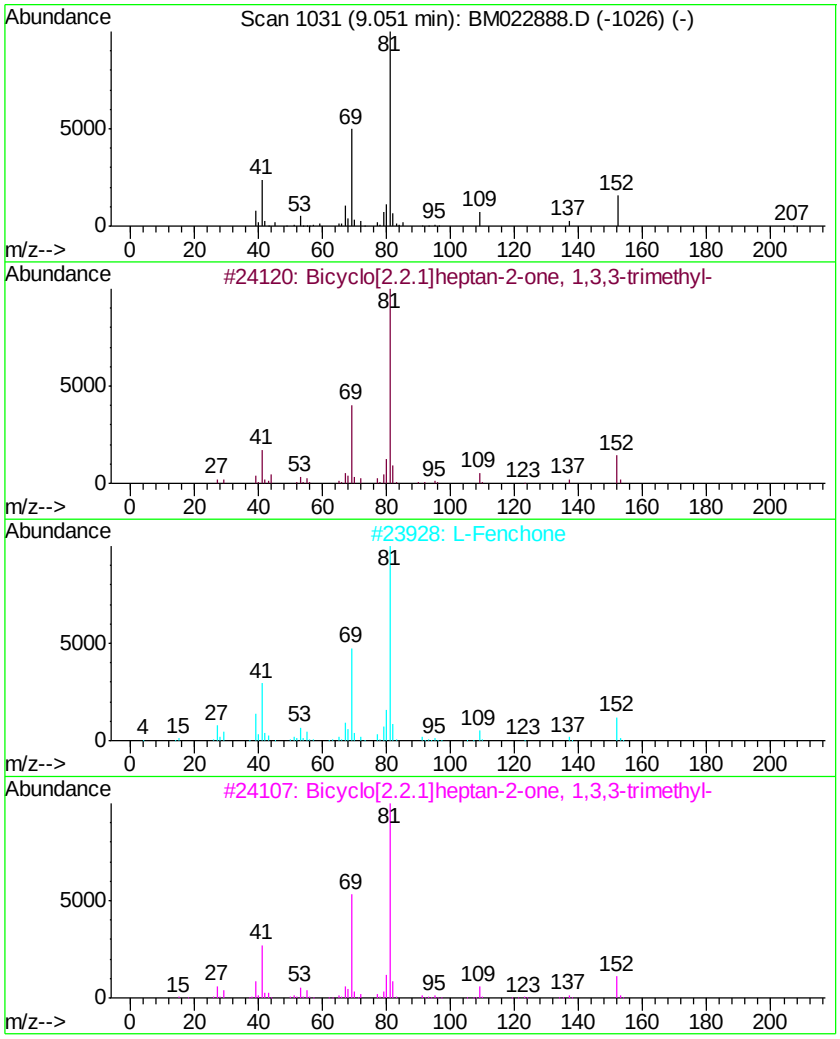
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

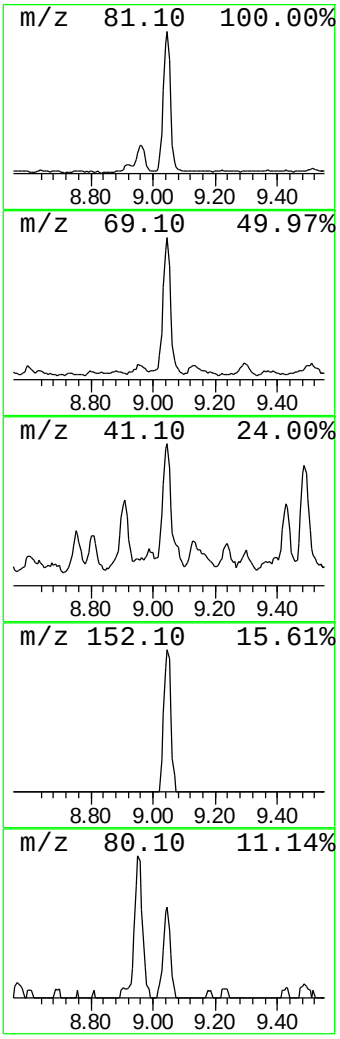
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.65 ng/ul	192888	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
2	L-Fenchone	152	C10H16O	000126-21-6	91
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	91
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	91





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Data File : BM022888.D
Acq On : 02 Oct 2019 12:15
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Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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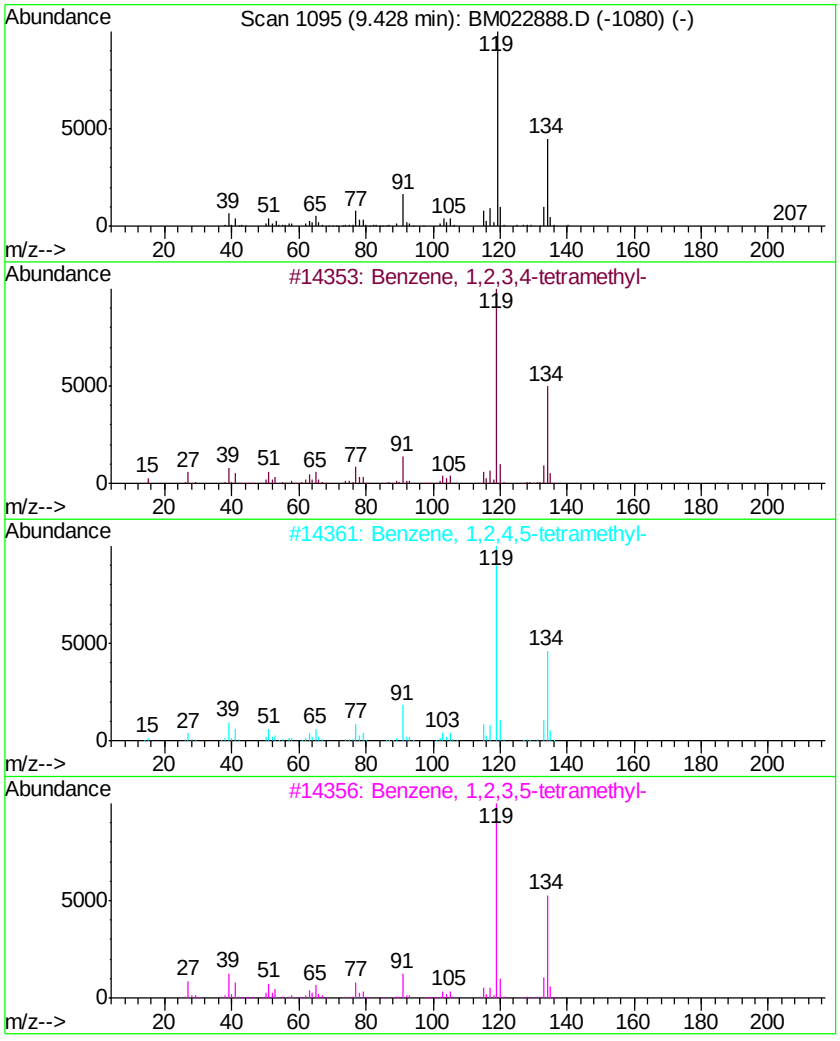
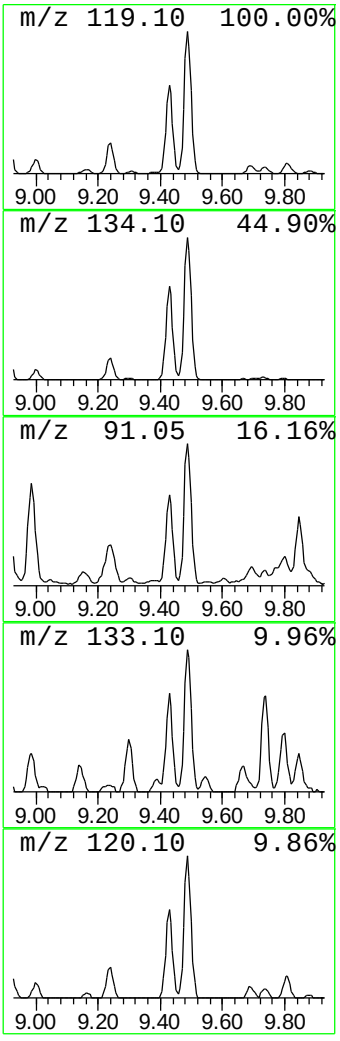
Peak Number 24 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.93 ng/ul	501426	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





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Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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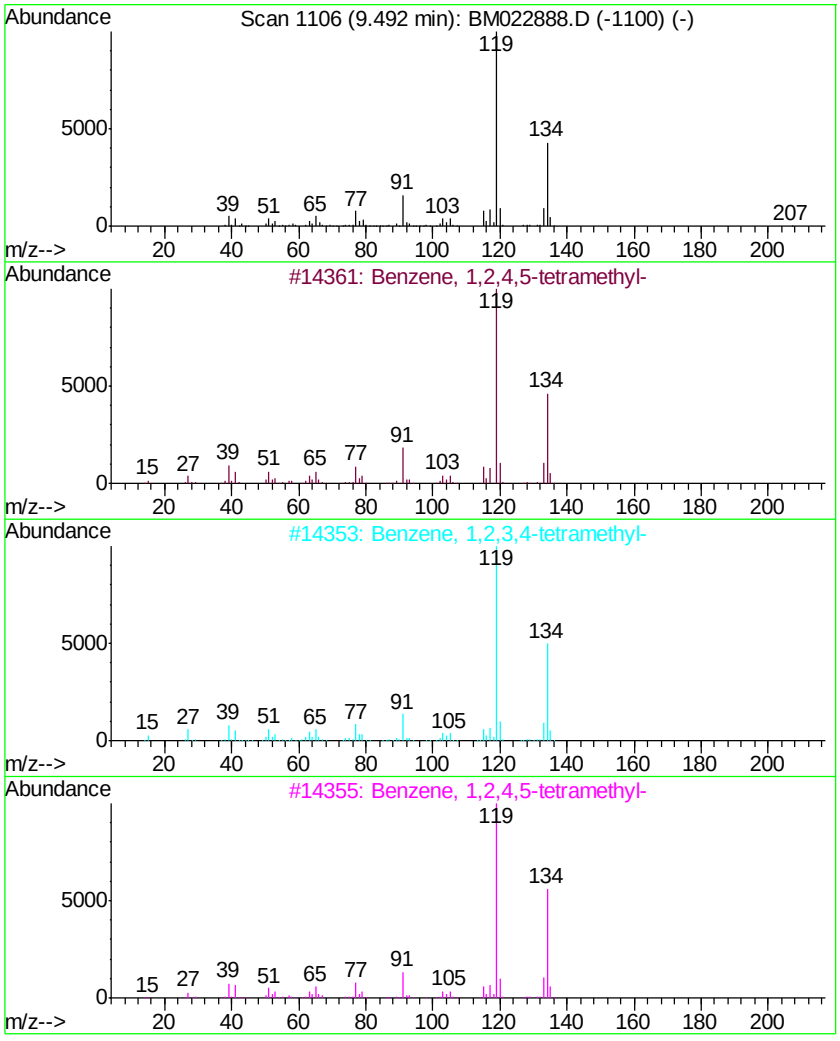
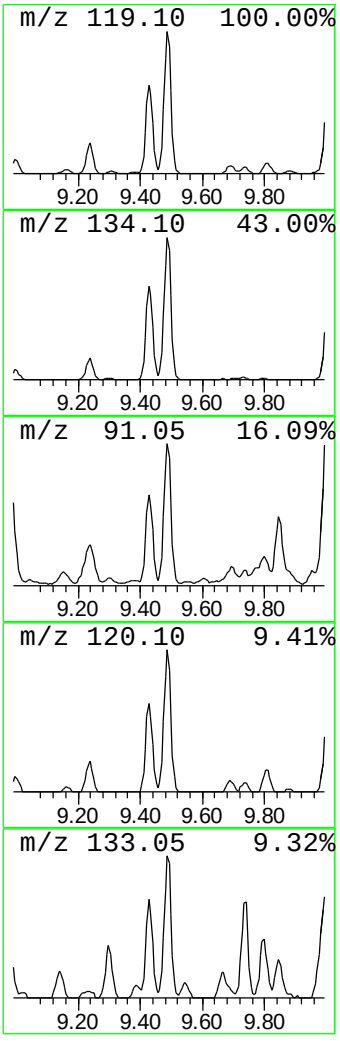
Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	5.63 ng/ul	718432	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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





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Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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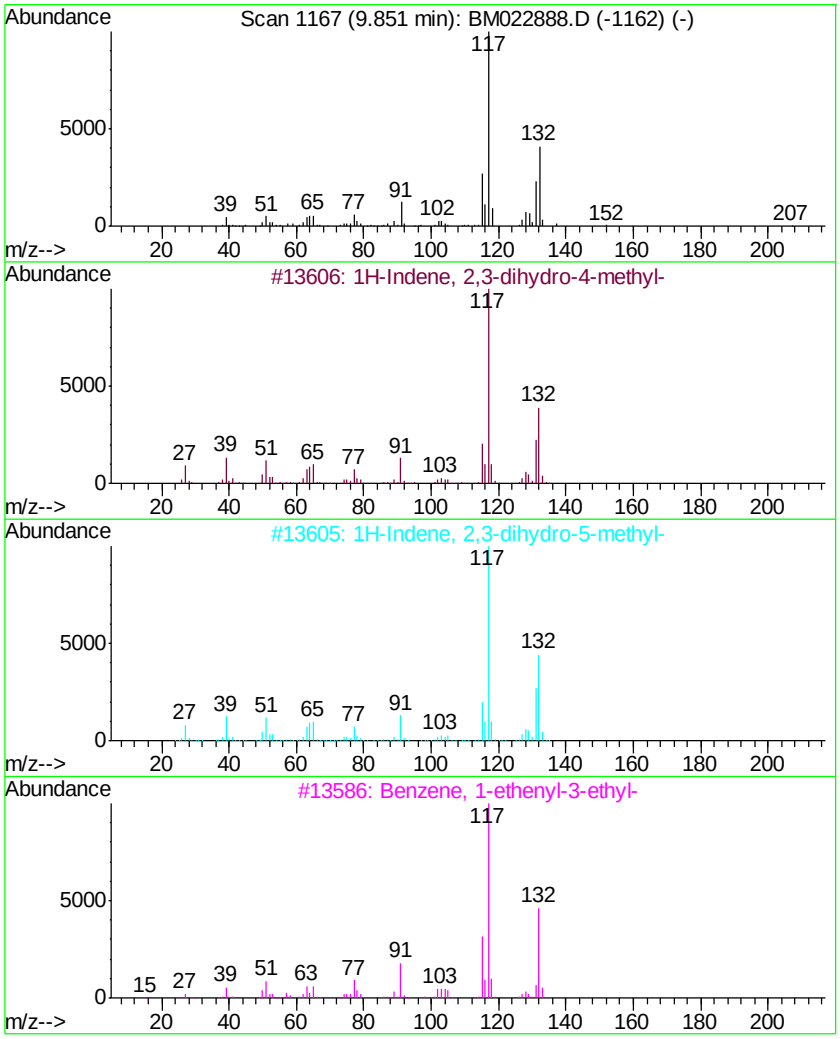
Quant Title : SVOA CALIBRATION

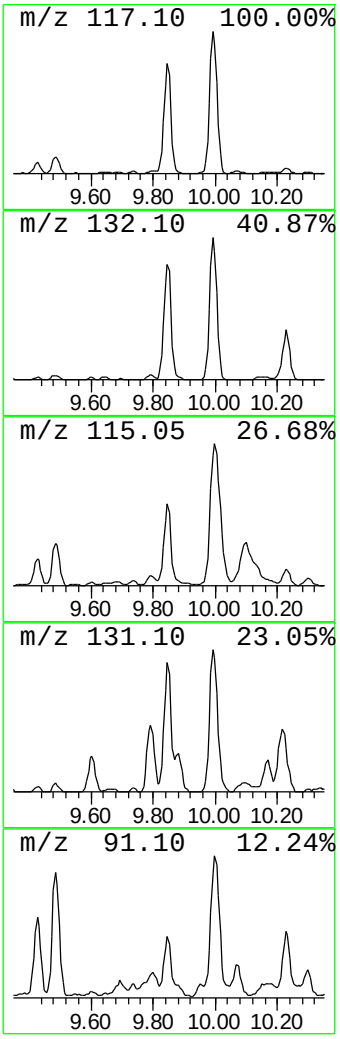
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.05 ng/ul	517667	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83





Library Search Compound Report

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Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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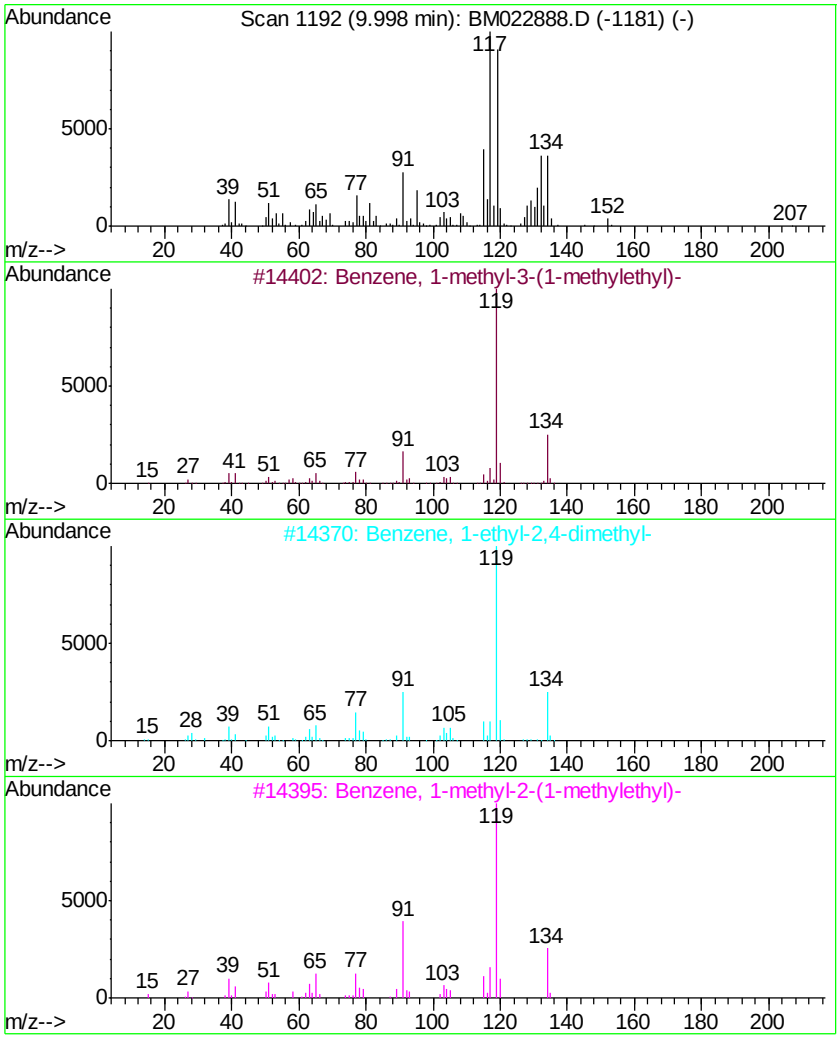
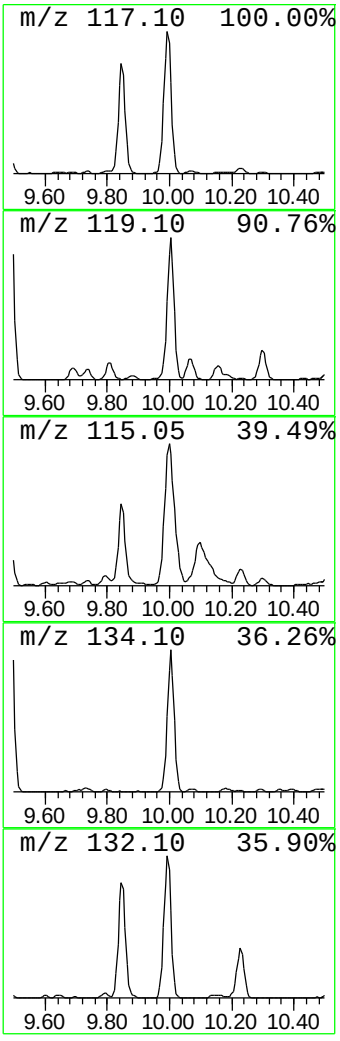
Peak Number 27 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	13.17 ng/ul	1682340	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	50
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50





Library Search Compound Report

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Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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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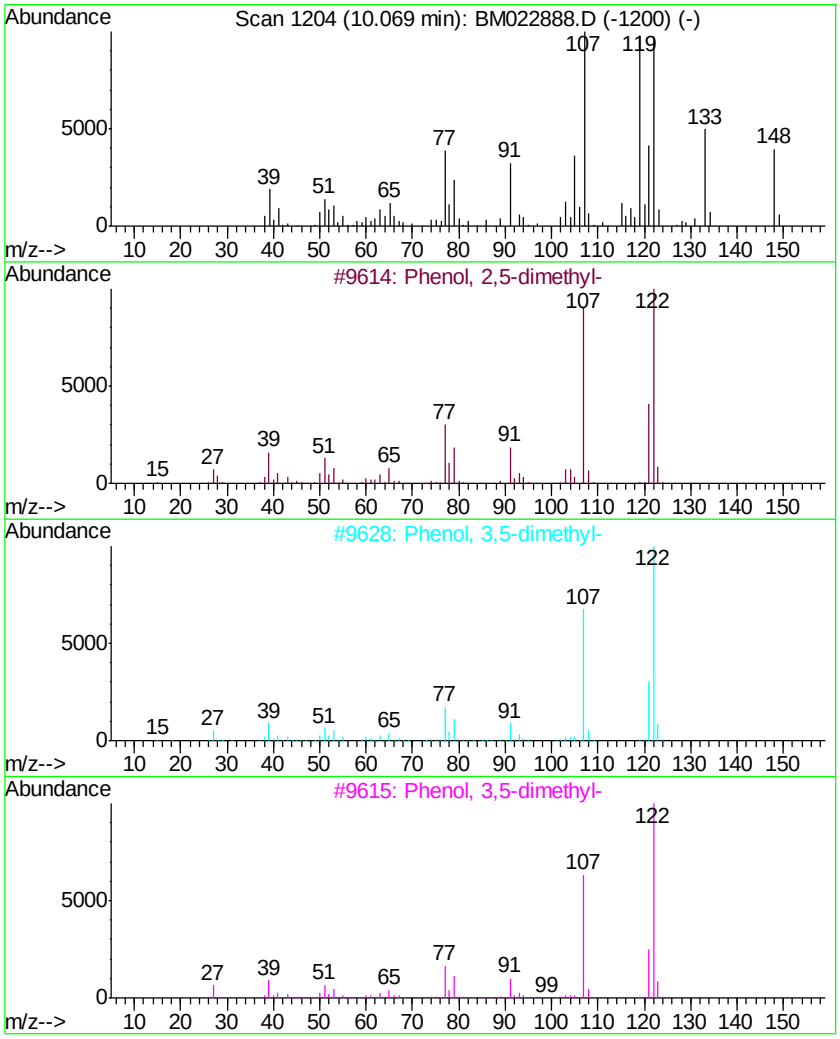
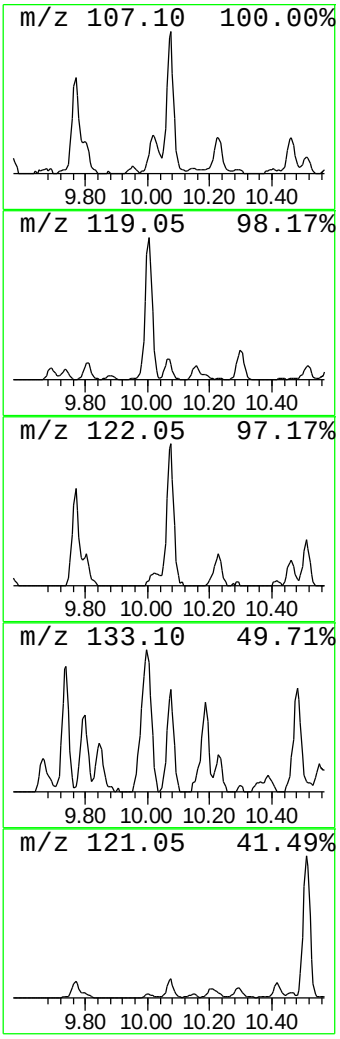
Peak Number 28 Phenol, 2,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.78 ng/ul	355465	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	78
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	60
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	60
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	60
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	55





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Instrument : BNA_M
ClientSampleId : BFDE9

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Quant Title : SVOA CALIBRATION

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

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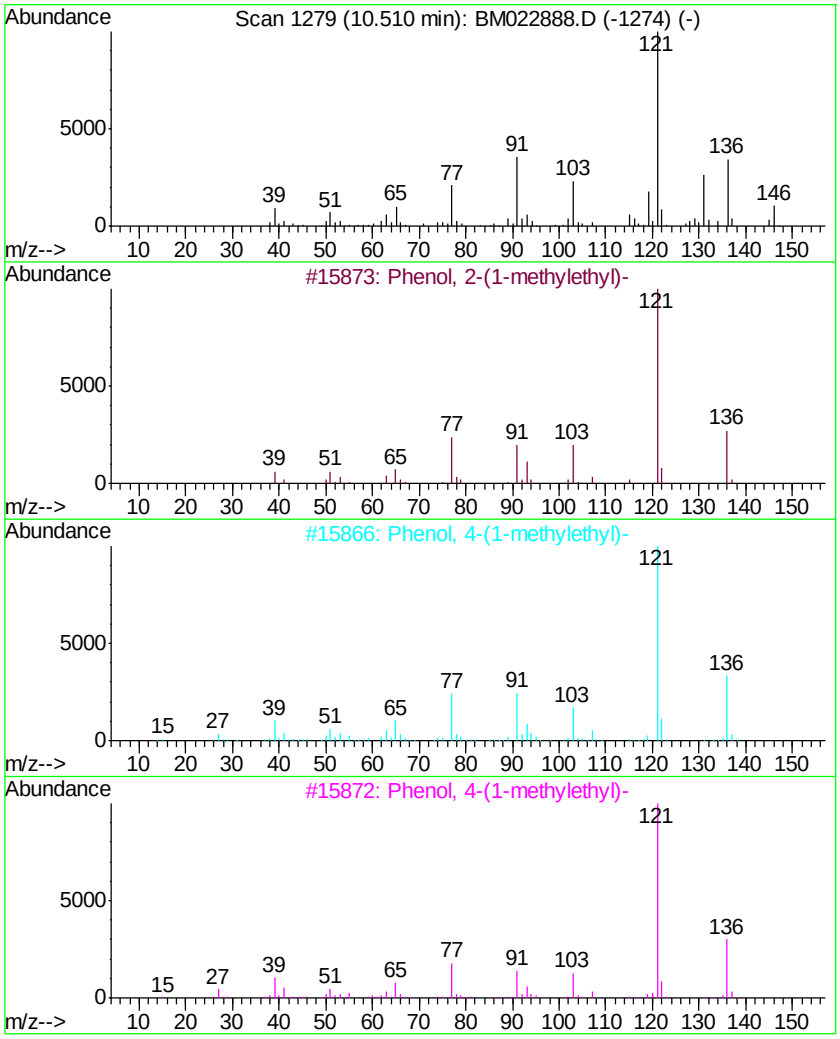
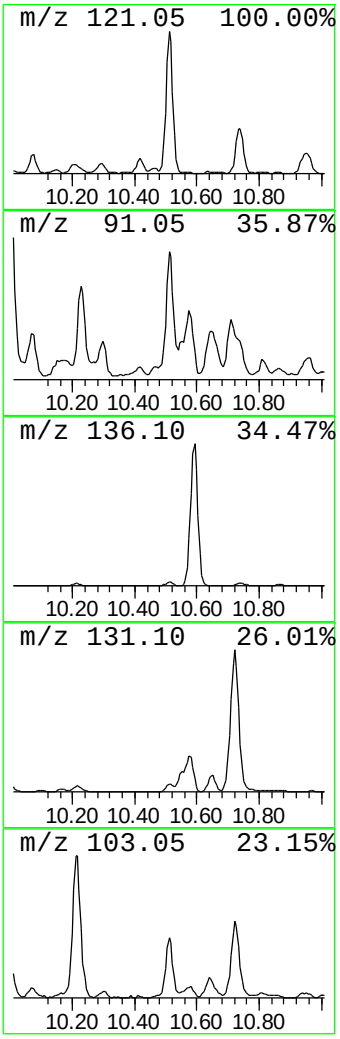
Peak Number 29 Phenol, 2-(1-methylethyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.94 ng/ul	375873	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	76
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	62
3	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	58
4	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	58
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58





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Quant Title : SVOA CALIBRATION

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

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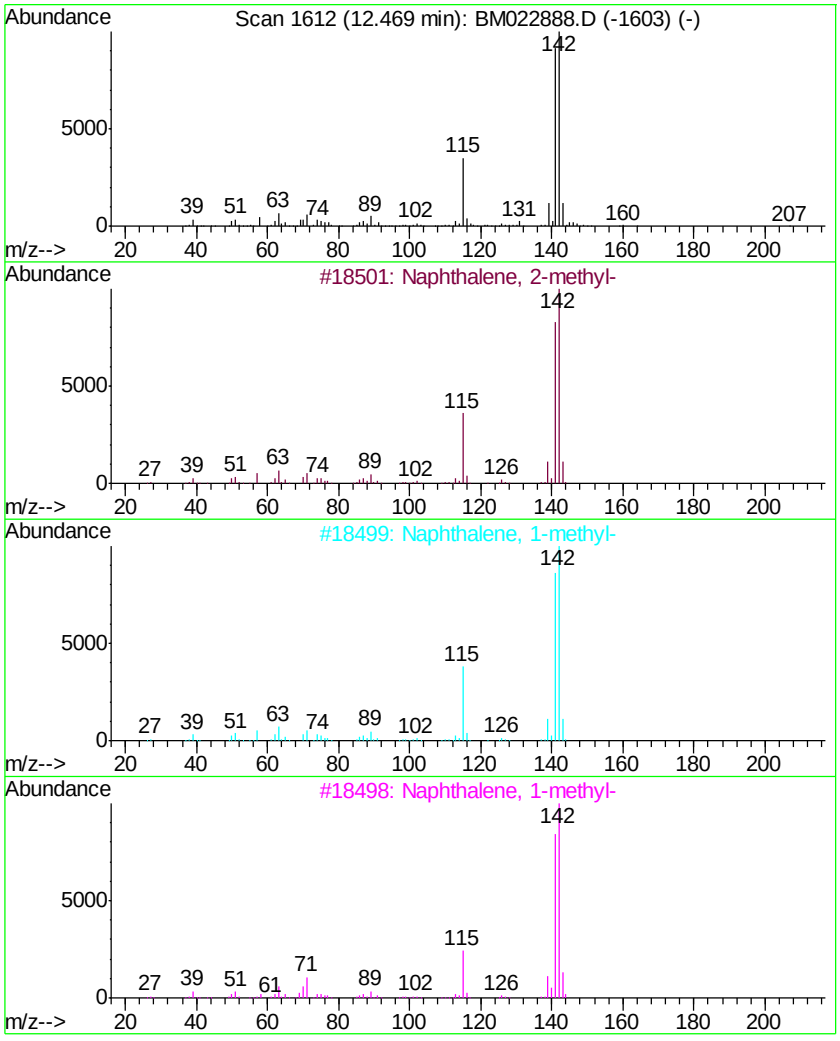
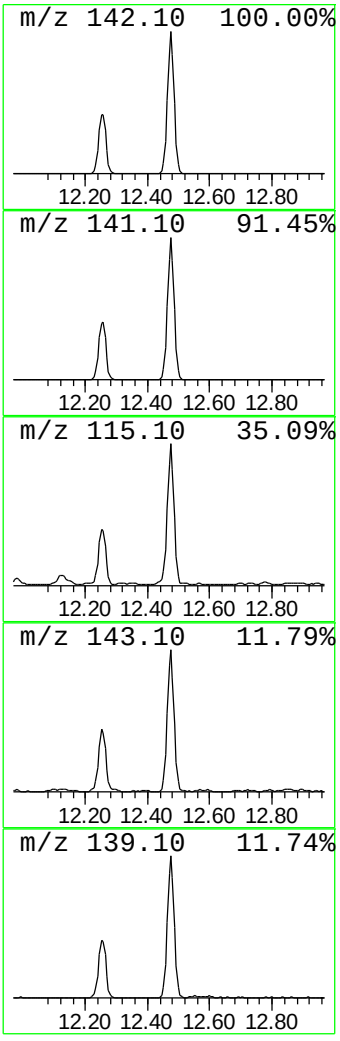
Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	14.98 ng/ul	1912600	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	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
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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Quant Title : SVOA CALIBRATION

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

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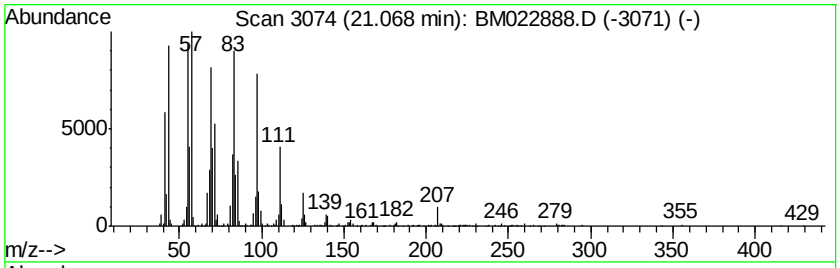
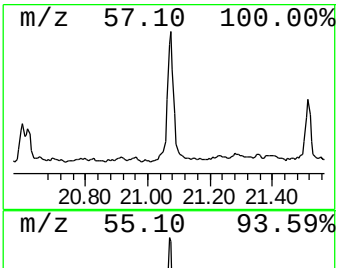
Peak Number 40 (DEL) Alkane: Cyclic21.07 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	4.05 ng/ul	464779	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022888.D
Acq On : 02 Oct 2019 12:15
Operator : JU
Sample : K4932-18
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE9

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	4.0	ng/ul	287388	1	7.80	1454230	20.0
Toluene	4.00	5.7	ng/ul	413494	1	7.80	1454230	20.0
Propanoic acid, 2...	4.27	8.7	ng/ul	632983	1	7.80	1454230	20.0
Propanoic acid, p...	4.45	12.9	ng/ul	938577	1	7.80	1454230	20.0
Butanoic acid, 1-...	4.90	14.8	ng/ul	1077420	1	7.80	1454230	20.0
Ethylbenzene	5.32	10.5	ng/ul	765673	1	7.80	1454230	20.0
o-Xylene	5.45	18.3	ng/ul	1331350	1	7.80	1454230	20.0
Butanoic acid, pr...	5.76	2.5	ng/ul	184919	1	7.80	1454230	20.0
p-Xylene	5.82	18.3	ng/ul	1329890	1	7.80	1454230	20.0
Benzene, (1-methy...	6.30	2.5	ng/ul	178184	1	7.80	1454230	20.0
Benzene, propyl-	6.79	5.6	ng/ul	404509	1	7.80	1454230	20.0
Benzene, 1-ethyl-...	6.90	8.5	ng/ul	620341	1	7.80	1454230	20.0
Benzene, 1-ethyl-...	7.20	11.2	ng/ul	816747	1	7.80	1454230	20.0
Benzene, 1,2,3-tr...	7.45	37.3	ng/ul	2710190	1	7.80	1454230	20.0
Indane	8.17	12.8	ng/ul	930055	1	7.80	1454230	20.0
Benzene, 1,3-diet...	8.30	2.2	ng/ul	162012	1	7.80	1454230	20.0
Benzene, 1,4-diet...	8.44	7.6	ng/ul	554548	1	7.80	1454230	20.0
Benzene, 1-methyl...	8.61	2.7	ng/ul	196886	1	7.80	1454230	20.0
Benzene, 2-ethyl-...	8.76	4.4	ng/ul	317418	1	7.80	1454230	20.0
Bicyclo[2.2.1]hep...	9.05	2.6	ng/ul	192888	1	7.80	1454230	20.0
Benzene, 1,2,3,4-...	9.43	3.9	ng/ul	501426	2	10.59	2553910	20.0
Benzene, 1,2,4,5-...	9.49	5.6	ng/ul	718432	2	10.59	2553910	20.0
1H-Indene, 2,3-di...	9.85	4.0	ng/ul	517667	2	10.59	2553910	20.0
Benzene, 1-methyl...	10.00	13.2	ng/ul	1682340	2	10.59	2553910	20.0
Phenol, 2,5-dimet...	10.07	2.8	ng/ul	355465	2	10.59	2553910	20.0
Phenol, 2-(1-meth...	10.51	2.9	ng/ul	375873	2	10.59	2553910	20.0
Naphthalene, 1-me...	12.47	15.0	ng/ul	1912600	2	10.59	2553910	20.0
(DEL) Alkane: Cyc...	21.07	4.0	ng/ul	464779	5	21.36	2294480	20.0