LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022905.D
Acq On : 02 Oct 2019 22:37
Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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	3.275	45	49	50	rBV	83407	101370	1.91%	0.111%
2	3.304	50	54	68	rVV	2426251	3058519	57.77%	3.338%
3	3.610	101	106	112	rBV	104830	138760	2.62%	0.151%
4	3.669	112	116	122	rVV	92857	123677	2.34%	0.135%
5	3.728	122	126	132	rVV	252995	308045	5.82%	0.336%
6	4.004	166	173	185	rVB2	501941	805871	15.22%	0.879%
7	4.269	213	218	224	rBV	531574	685600	12.95%	0.748%
8	4.334	225	229	241	rVB2	73921	134202	2.53%	0.146%
9	4.446	243	248	256	rVV	751711	989101	18.68%	1.079%
10	4.898	318	325	332	rVV	917396	1198875	22.64%	1.308%
11	5.322	390	397	404	rVV	245048	360725	6.81%	0.394%
12	5.451	413	419	429	rVV	812973	1538946	29.07%	1.679%
13	5.757	466	471	476	rBV	125296	180115	3.40%	0.197%
14	5.822	476	482	495	rVB	710457	1049548	19.82%	1.145%
15	6.787	640	646	652	rBV	105067	196654	3.71%	0.215%
16	6.892	658	664	669	rVV	430361	646947	12.22%	0.706%
17	6.963	669	676	683	rVV4	418591	944767	17.85%	1.031%
18	7.028	683	687	694	rVB	381634	556340	10.51%	0.607%
19	7.134	698	705	711	rBV	735332	1203309	22.73%	1.313%
20	7.192	711	715	721	rVV	281431	433231	8.18%	0.473%
21	7.334	733	739	748	rVV	912986	1448381	27.36%	1.581%
22	7.451	748	759	767	rVV	1231668	1881512	35.54%	2.053%
23	7.798	810	818	823	rBV	1034295	1654256	31.25%	1.805%
24	7.916	833	838	847	rVB	637974	1003745	18.96%	1.095%
25	8.092	862	868	874	rVV3	47183	113518	2.14%	0.124%
26	8.175	874	882	889	rVV2	282419	570234	10.77%	0.622%
27	8.298	897	903	907	rVV3	89673	155052	2.93%	0.169%
28	8.351	907	912	922	rVV2	120129	258252	4.88%	0.282%
29	8.439	922	927	932	rVV	258014	413774	7.82%	0.452%
30	8.504	932	938	944	rVV	773646	1265738	23.91%	1.381%
31	8.569	944	949	952	rVV	85656	152138	2.87%	0.166%
32	8.604	952	955	965	rVV2	75875	156855	2.96%	0.171%
33	8.751	975	980	985	rBV	126802	205730	3.89%	0.225%
34	8.804	985	989	996	rVB	139150	214475	4.05%	0.234%

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Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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

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

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

35	8.904	996	1006	1010	rBV	312130	570086	10.77%	0.622%
36	8.951	1010	1014	1025	rVV2	954023	1893773	35.77%	2.067%
37	9.039	1025	1029	1033	rVV2	107641	185557	3.50%	0.202%
38	9.151	1040	1048	1057	rVV7	40135	138493	2.62%	0.151%
39	9.233	1057	1062	1068	rVV2	97836	183703	3.47%	0.200%
40	9.428	1080	1095	1100	rBV	194478	374278	7.07%	0.408%
41	9.486	1100	1105	1115	rVB	314277	510836	9.65%	0.557%
42	9.675	1129	1137	1143	rBV	801000	1376624	26.00%	1.502%
43	9.798	1154	1158	1161	rVV3	68688	125207	2.36%	0.137%
44	9.845	1161	1166	1174	rVB	192866	324742	6.13%	0.354%
45	9.998	1181	1192	1200	rVV3	607444	1374970	25.97%	1.500%
46	10.069	1200	1204	1213	rVB4	101512	176744	3.34%	0.193%
47	10.210	1221	1228	1237	rVB	1362594	2411220	45.54%	2.631%
48	10.463	1266	1271	1276	rVV5	51118	126484	2.39%	0.138%
49	10.586	1282	1292	1297	rVV	1485135	2830135	53.46%	3.088%
50	10.639	1297	1301	1308	rVV	1366779	2365900	44.69%	2.582%
51	10.722	1308	1315	1326	rVV	934083	1842419	34.80%	2.011%
52	11.304	1409	1414	1420	rVB3	76558	128860	2.43%	0.141%
53	11.392	1421	1429	1433	rBV3	55123	147378	2.78%	0.161%
54	11.510	1443	1449	1454	rVB	108836	187448	3.54%	0.205%
55	11.627	1463	1469	1475	rBV5	44951	114003	2.15%	0.124%
56	11.698	1476	1481	1488	rVV	124432	221765	4.19%	0.242%
57	11.786	1491	1496	1504	rVB3	70802	136332	2.58%	0.149%
58	11.927	1515	1520	1525	rVB2	74155	119055	2.25%	0.130%
59	11.980	1525	1529	1533	rBV	83551	115415	2.18%	0.126%
60	12.145	1552	1557	1564	rBV2	62741	125537	2.37%	0.137%
61	12.251	1565	1575	1583	rVB	894942	1451179	27.41%	1.584%
62	12.363	1589	1594	1603	rBV5	72022	156235	2.95%	0.170%
63	12.474	1603	1613	1618	rVV	602088	1025407	19.37%	1.119%
64	12.545	1621	1625	1633	rVB7	50751	115120	2.17%	0.126%
65	12.727	1648	1656	1661	rBV4	66678	164430	3.11%	0.179%
66	13.145	1721	1727	1733	rBV5	64775	194502	3.67%	0.212%
67	13.221	1737	1740	1743	rVV3	60153	97416	1.84%	0.106%
68	13.274	1744	1749	1757	rVB2	248678	445919	8.42%	0.487%
69	13.351	1757	1762	1767	rBV2	93622	161466	3.05%	0.176%
70	13.486	1778	1785	1791	rVB4	111606	263237	4.97%	0.287%
71	13.563	1792	1798	1800	rBV5	95223	178925	3.38%	0.195%

LSC Area Percent Report

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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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	13.616	1801	1807	1812	rVV6	111377	292308	5.52%	0.319%
73	13.668	1812	1816	1820	rVV2	87439	126119	2.38%	0.138%
74	13.757	1825	1831	1835	rBV	177747	361275	6.82%	0.394%
75	13.810	1835	1840	1841	rVV3	131187	228557	4.32%	0.249%
76	13.845	1841	1846	1850	rVV	2314604	3278973	61.93%	3.578%
77	13.892	1850	1854	1859	rVB	1129729	1449996	27.39%	1.582%
78	14.127	1887	1894	1907	rVB	2654697	4136645	78.13%	4.514%
79	14.274	1917	1919	1925	rVB4	91646	151843	2.87%	0.166%
80	14.351	1928	1932	1936	rBV4	63516	118188	2.23%	0.129%
81	14.433	1940	1946	1954	rVV	2085249	3053416	57.67%	3.332%
82	14.574	1964	1970	1974	rBV7	53874	130323	2.46%	0.142%
83	14.633	1975	1980	1993	rVB4	251433	487517	9.21%	0.532%
84	14.833	2010	2014	2017	rBV	73786	131846	2.49%	0.144%
85	14.910	2024	2027	2032	rVB2	72330	103335	1.95%	0.113%
86	14.963	2032	2036	2045	rVB5	60052	117488	2.22%	0.128%
87	15.204	2074	2077	2083	rBV4	70647	105870	2.00%	0.116%
88	15.427	2109	2115	2120	rBV2	3672873	5294291	100.00%	5.778%
89	15.474	2120	2123	2128	rVV2	260562	353515	6.68%	0.386%
90	15.539	2128	2134	2142	rVB	1070521	1484501	28.04%	1.620%
91	16.998	2379	2382	2390	rVB2	93075	136927	2.59%	0.149%
92	17.174	2406	2412	2417	rBV2	1927785	2858481	53.99%	3.119%
93	17.215	2417	2419	2423	rVV	135037	148568	2.81%	0.162%
94	17.274	2423	2429	2438	rVB	3211592	4727914	89.30%	5.159%
95	18.074	2561	2565	2573	rBV	408614	593483	11.21%	0.648%
96	19.350	2779	2782	2791	rBV	188407	269266	5.09%	0.294%
97	19.562	2813	2818	2827	rBV	3547150	4883134	92.23%	5.329%
98	21.350	3117	3122	3131	rBV	2059614	2616252	49.42%	2.855%
99	23.468	3476	3482	3494	rVB	2403247	4738872	89.51%	5.171%
100	23.615	3501	3507	3516	rVB	1412219	2748100	51.91%	2.999%

Sum of corrected areas: 91636065

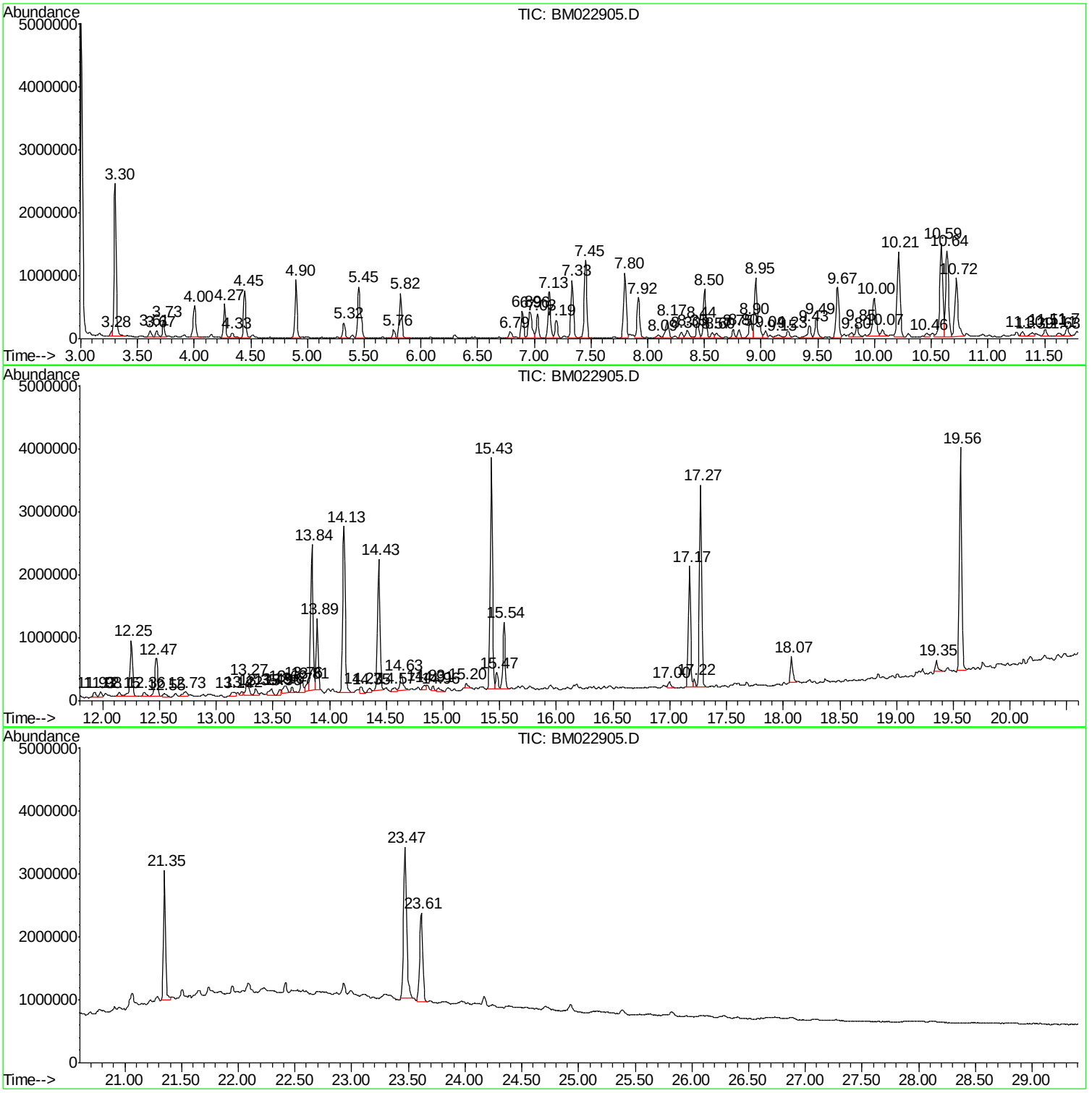
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022905.D
Acq On : 02 Oct 2019 22:37
Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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

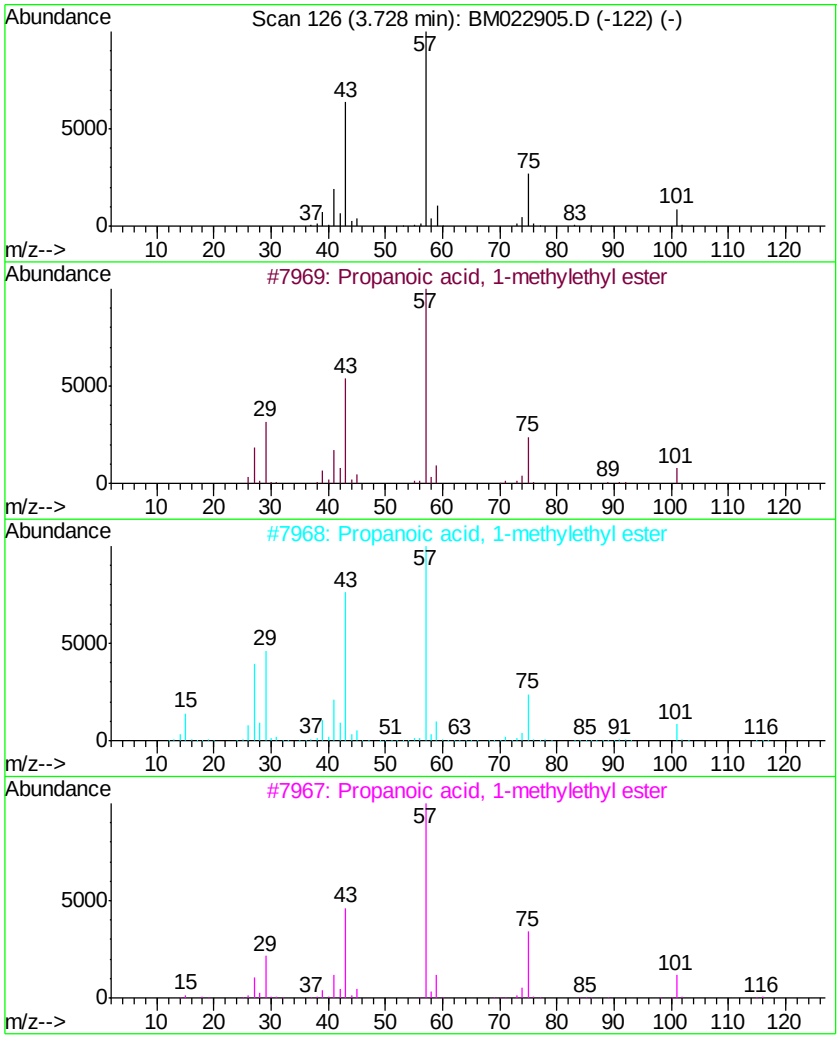
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

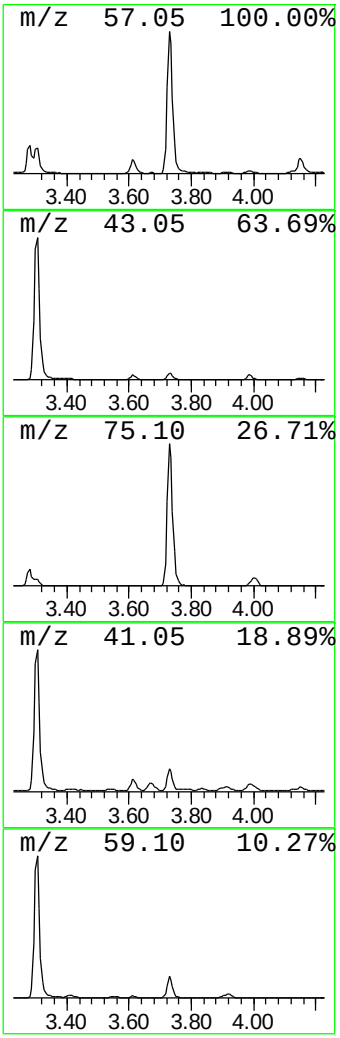
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.72 ng/ul	308045	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	74
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Acq On : 02 Oct 2019 22:37
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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

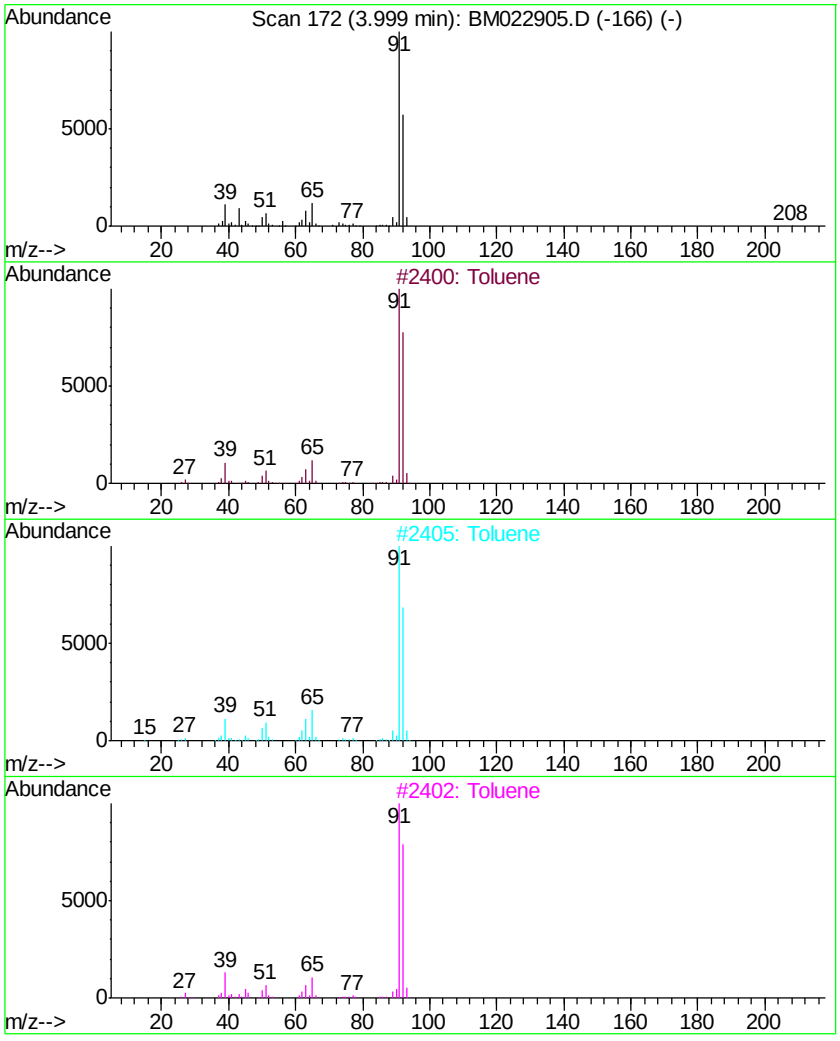
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

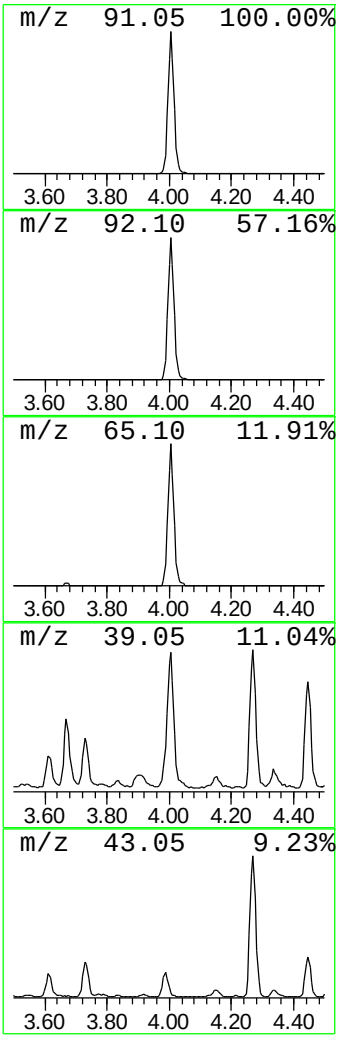
****

Peak Number 2 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	9.74 ng/ul	805871	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	93
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





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Quant Title : SVOA CALIBRATION

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

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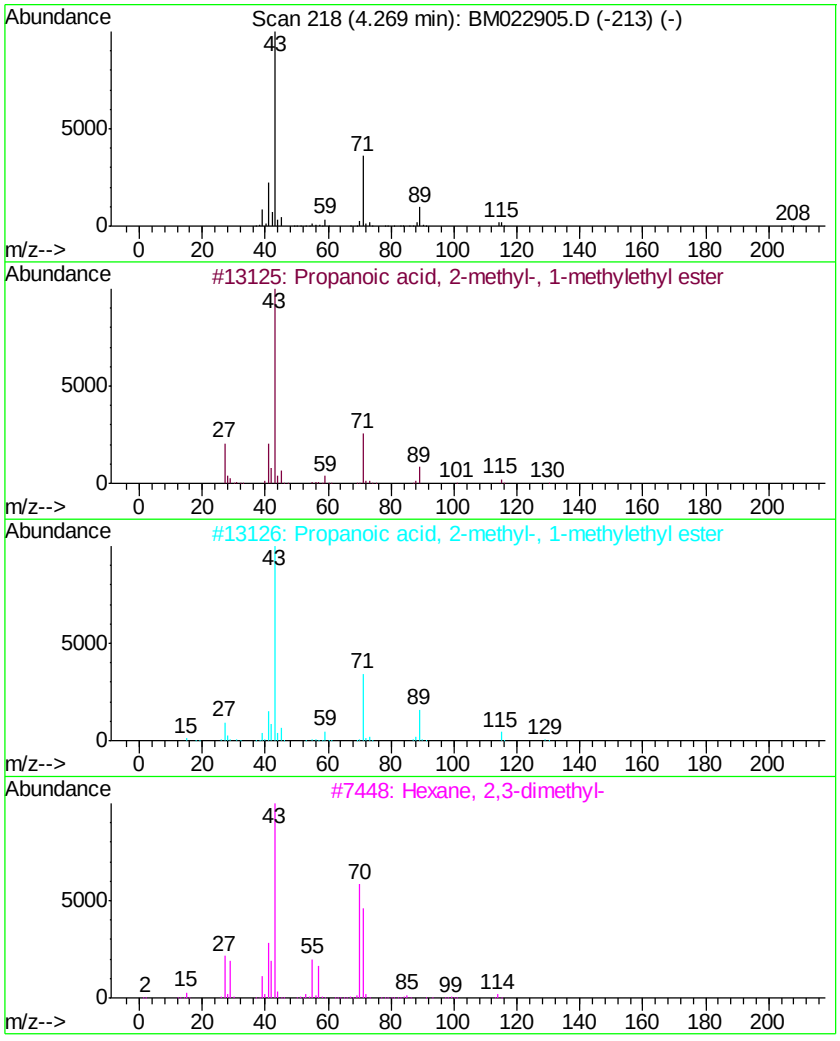
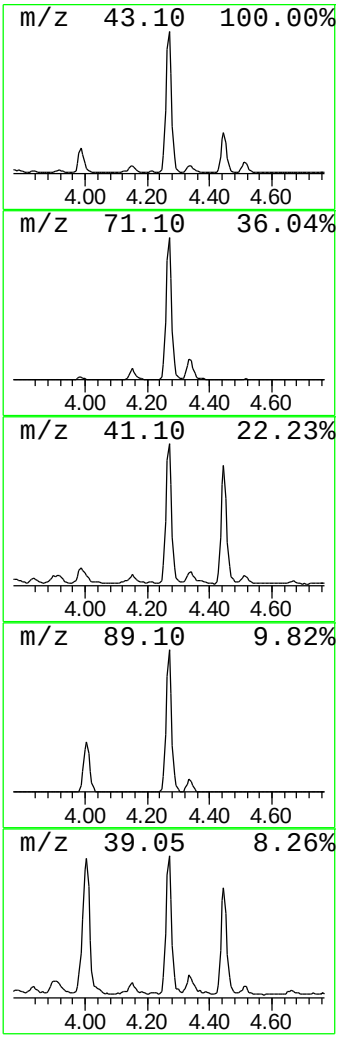
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	8.29 ng/ul	685600	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	50
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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Data File : BM022905.D
Acq On : 02 Oct 2019 22:37
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Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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

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

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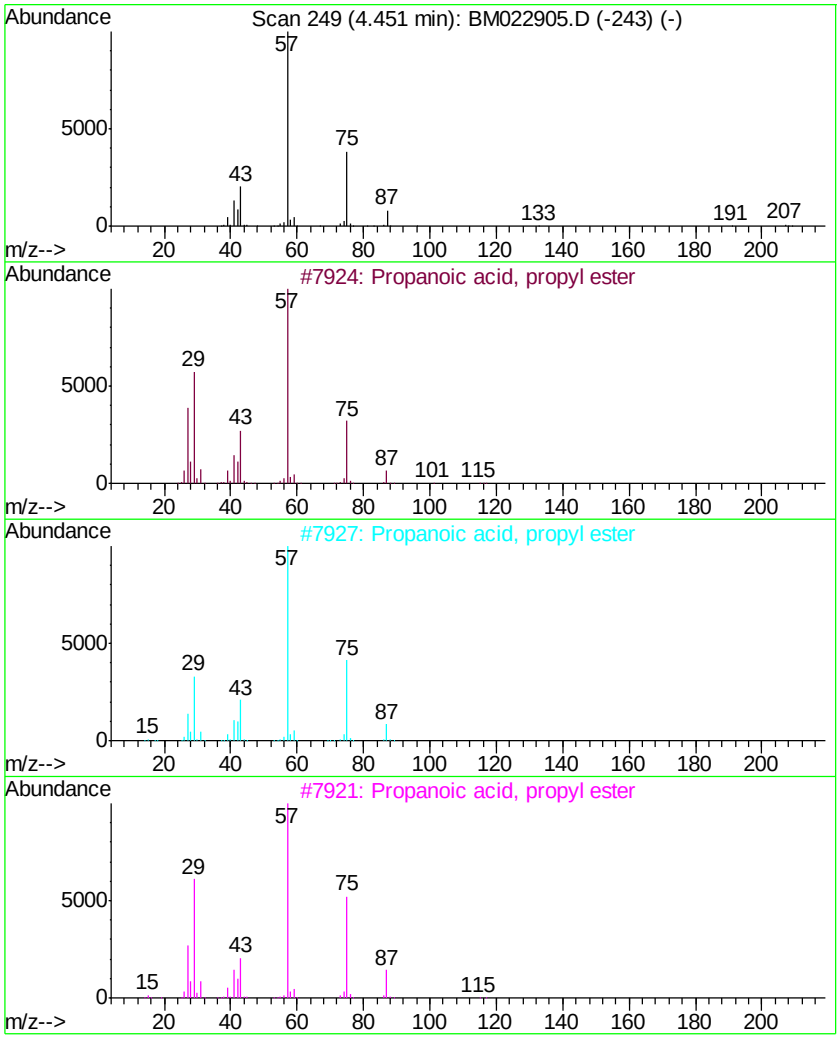
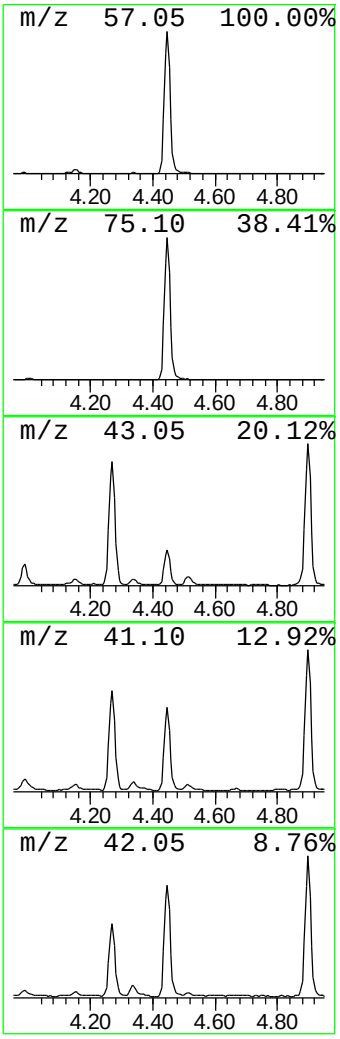
Peak Number 4 Propanoic acid, propyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	11.96 ng/ul	989101	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	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Acq On : 02 Oct 2019 22:37
Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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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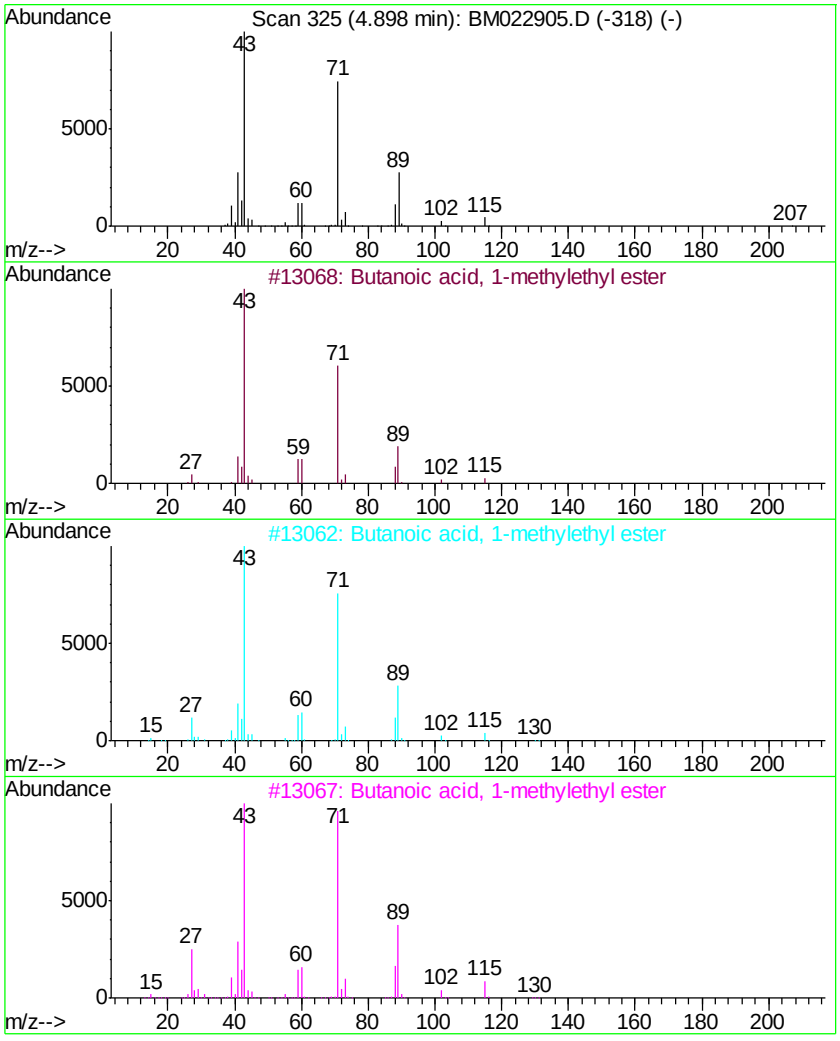
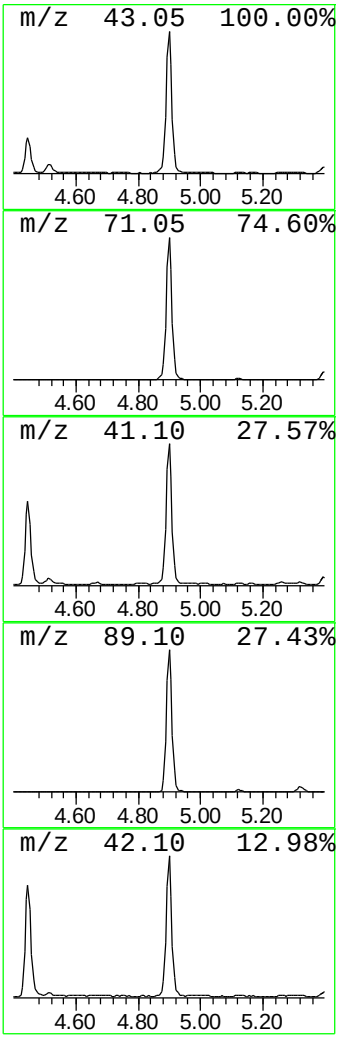
Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	14.49 ng/ul	1198880	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, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64





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Sample : K4895-17
Misc :
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Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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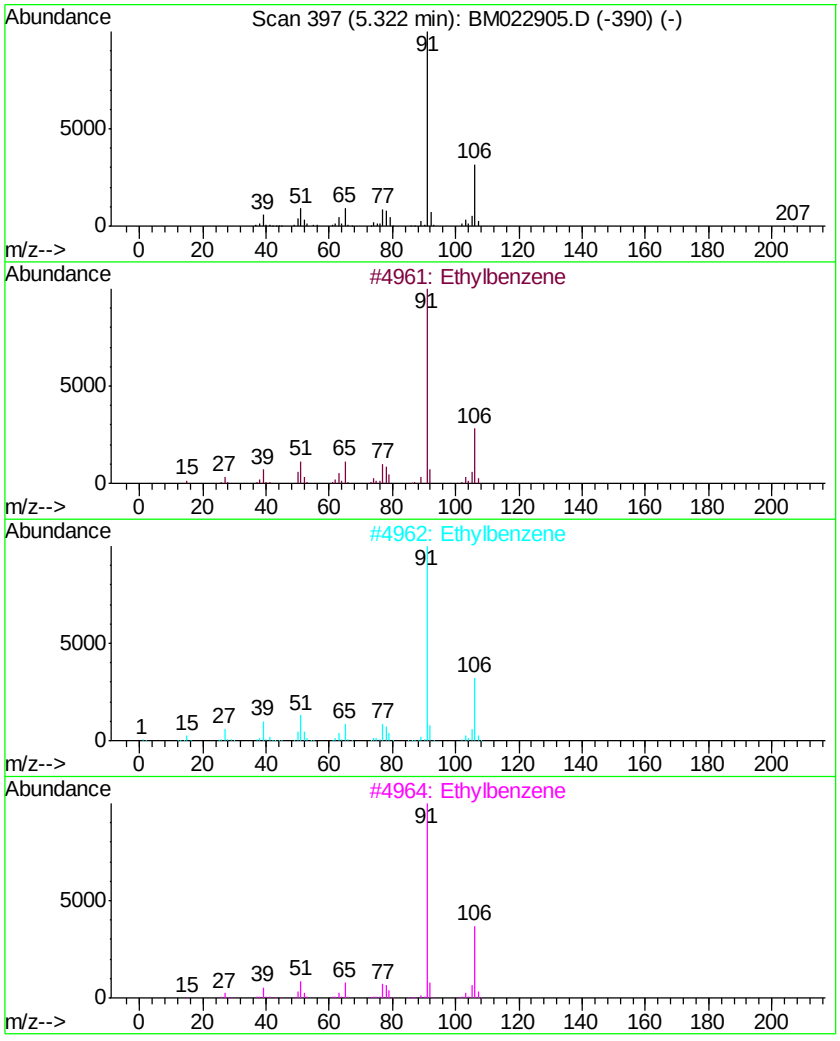
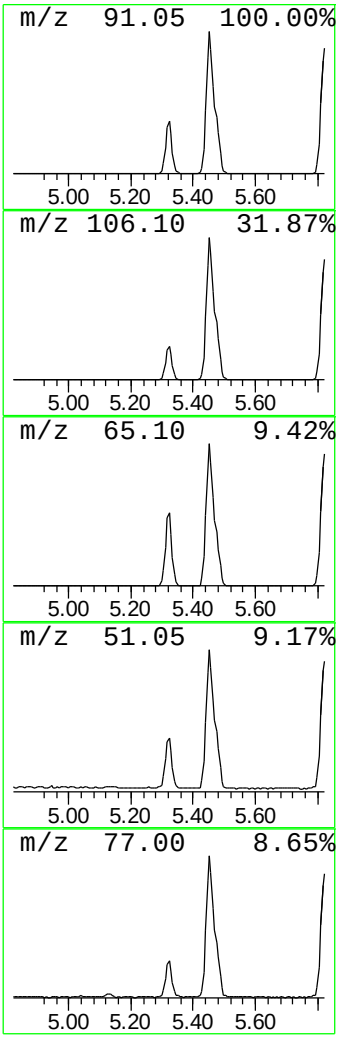
Peak Number 6 Ethylbenzene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	4.36 ng/ul	360725	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	90
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	86





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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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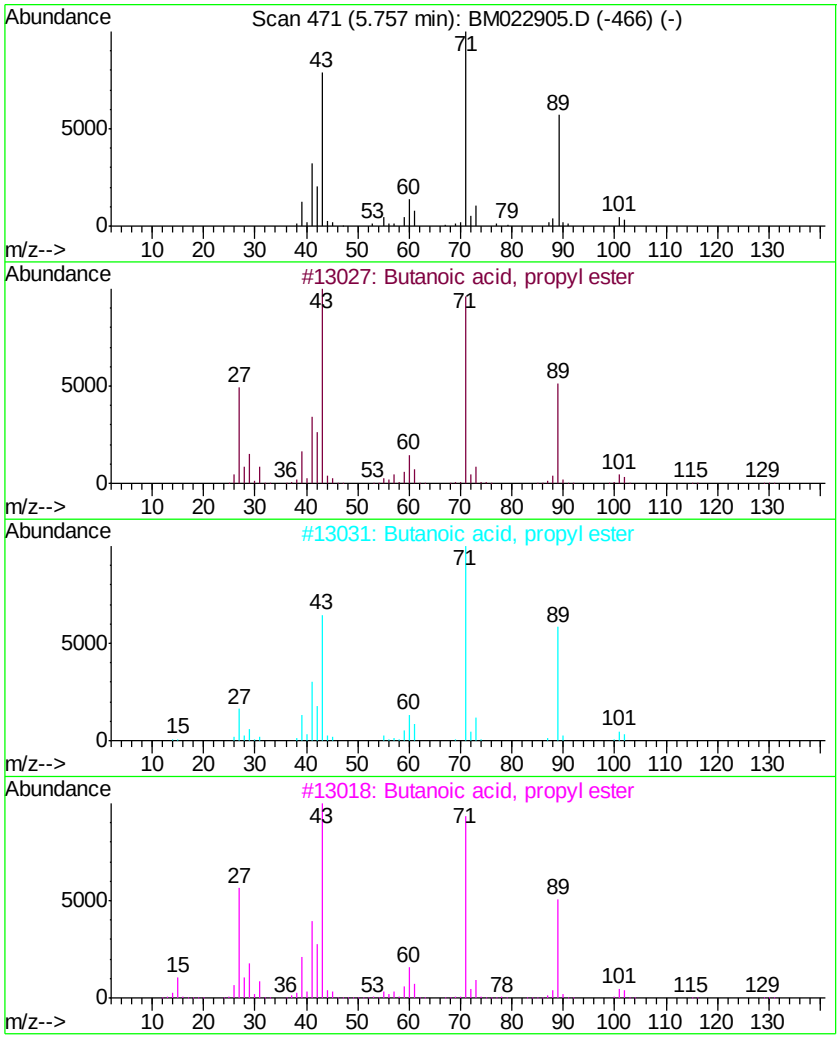
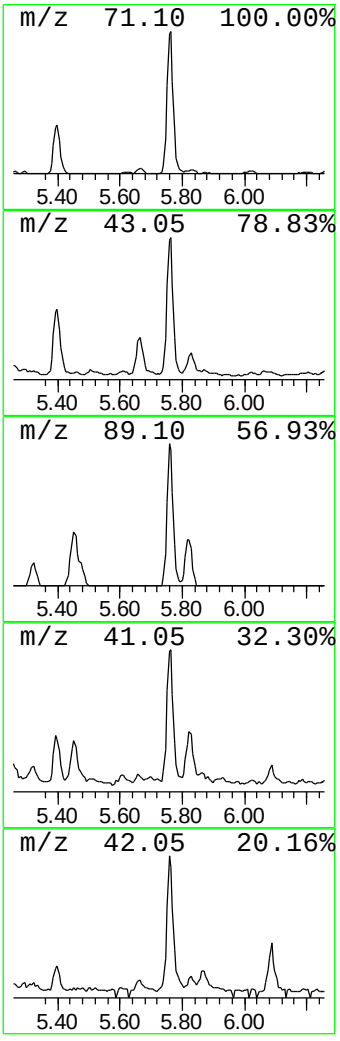
Peak Number 8 Butanoic acid, propyl ester Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.18 ng/ul	180115	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	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	64





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Quant Title : SVOA CALIBRATION

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

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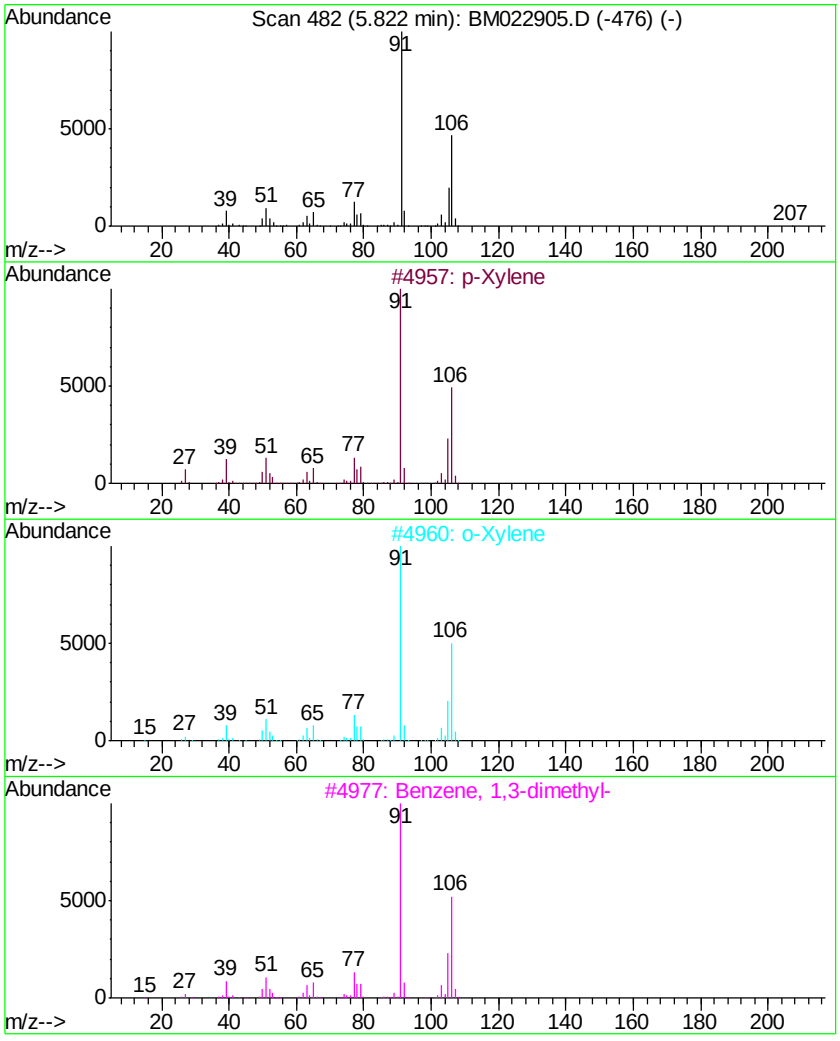
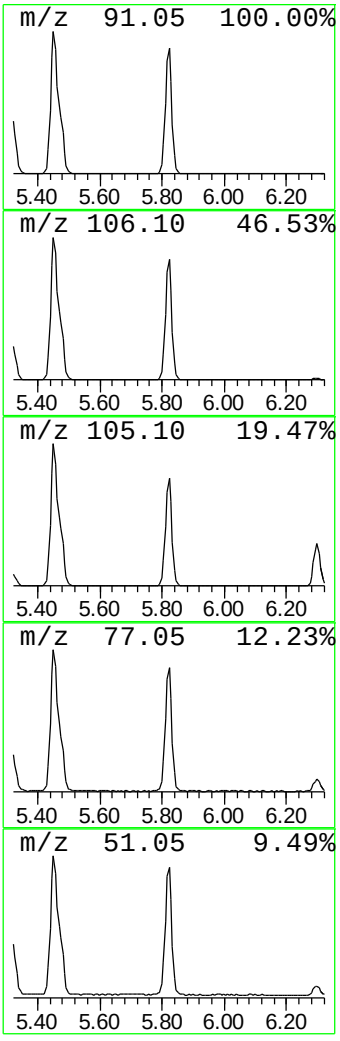
Peak Number 9 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	12.69 ng/ul	1049550	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	p-Xylene	106	C8H10	000106-42-3	94





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Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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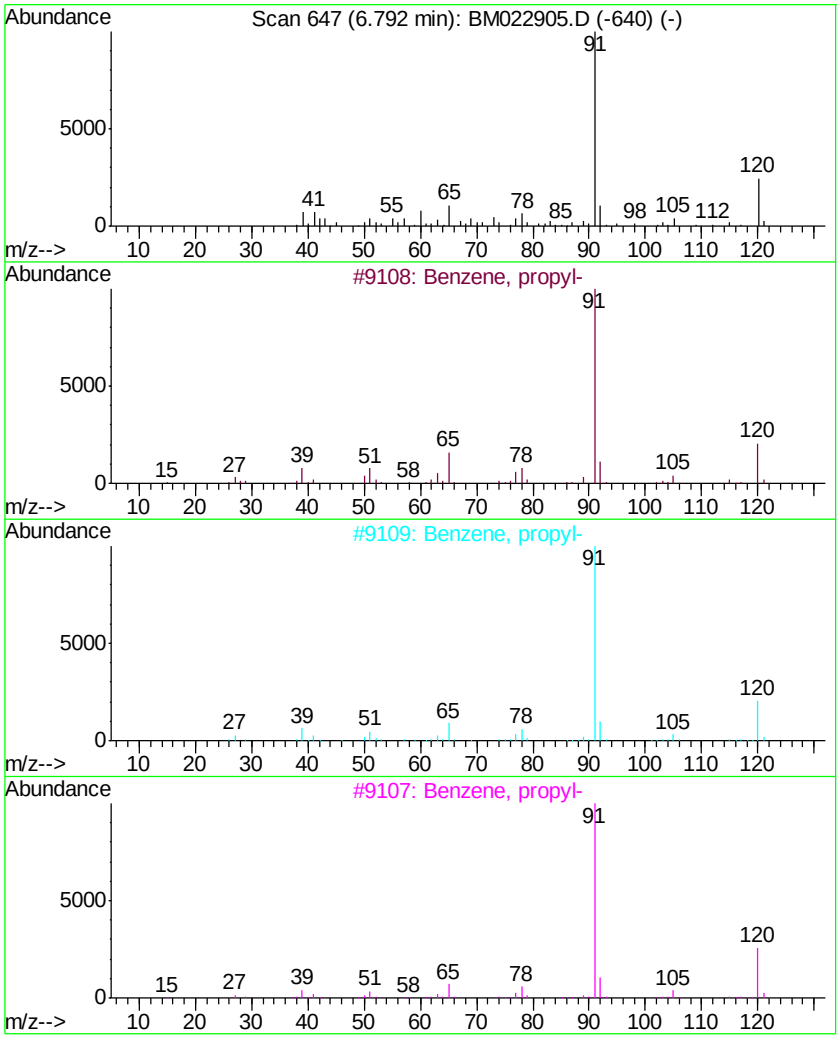
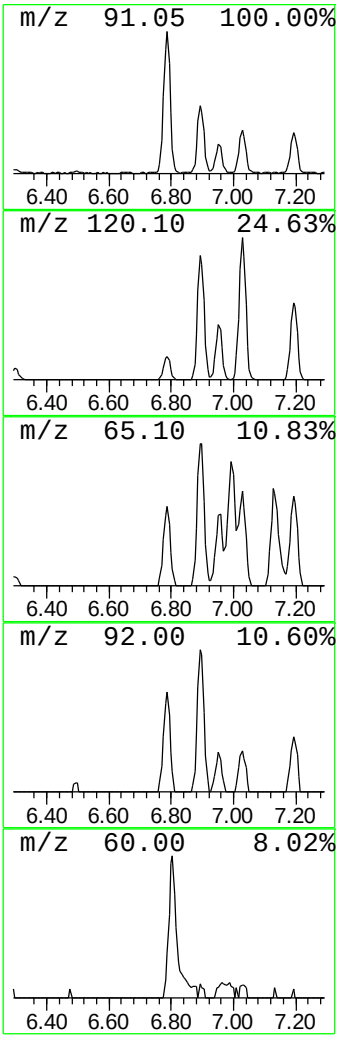
Peak Number 10 Benzene, propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.38 ng/ul	196654	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Quant Title : SVOA CALIBRATION

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

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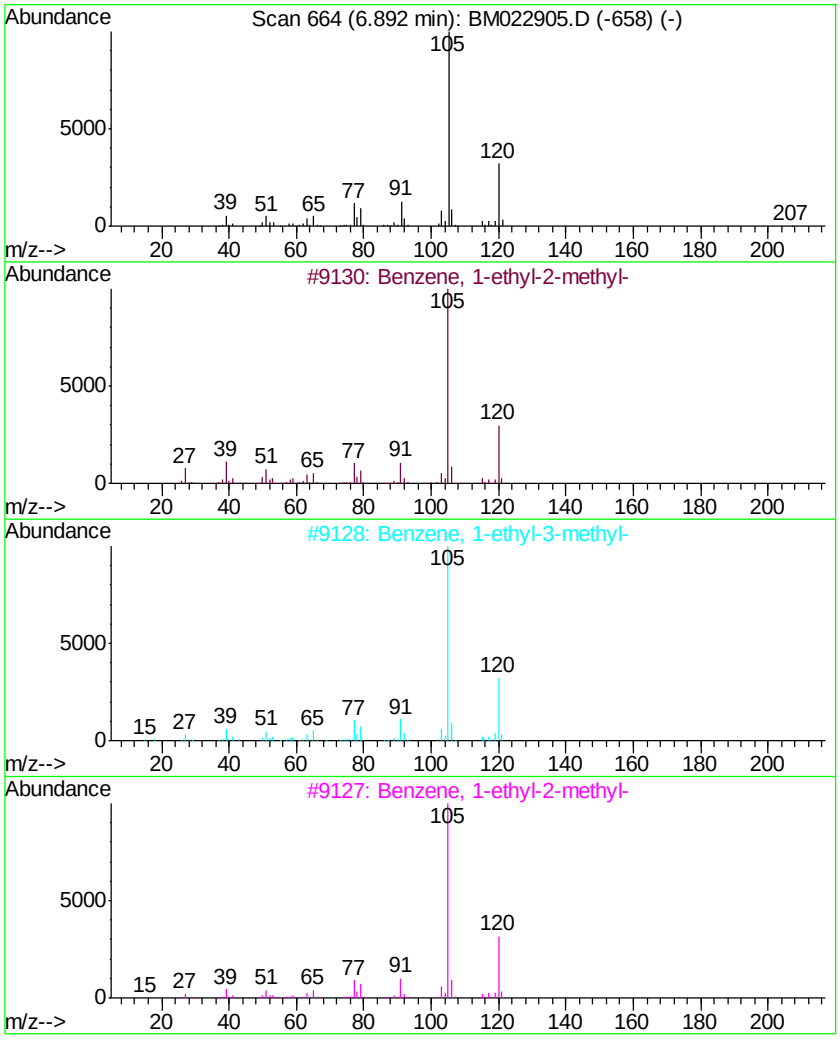
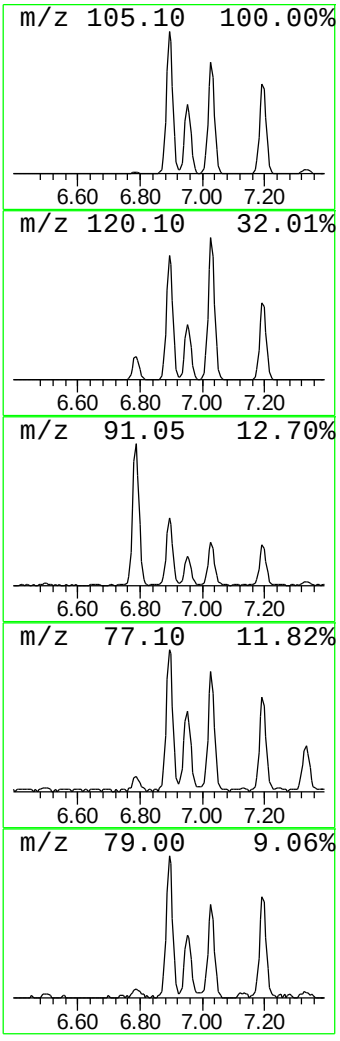
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	7.82 ng/ul	646947	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	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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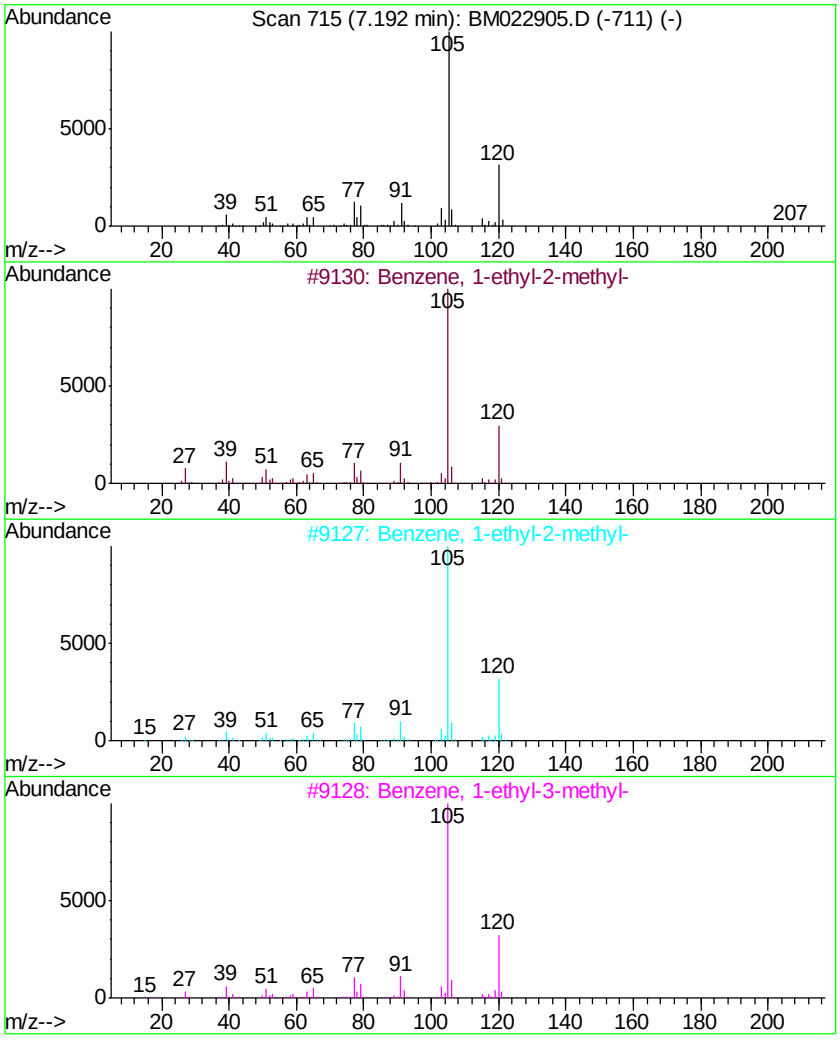
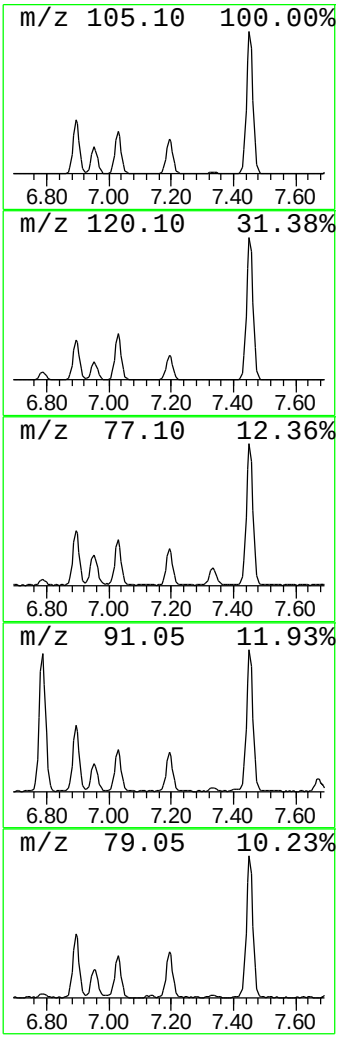
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	5.24 ng/ul	433231	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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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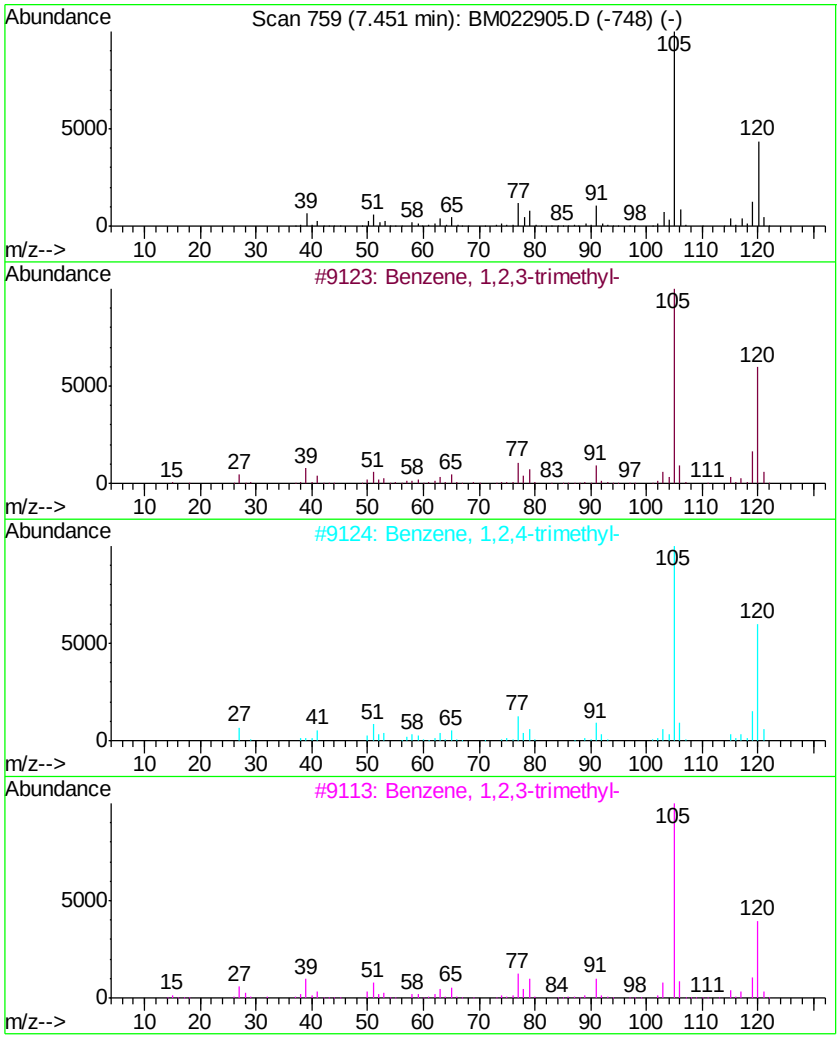
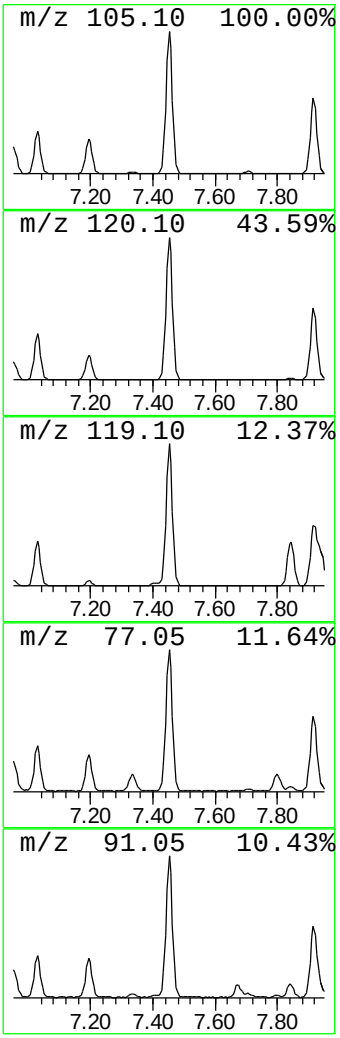
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	22.75 ng/ul	1881510	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





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

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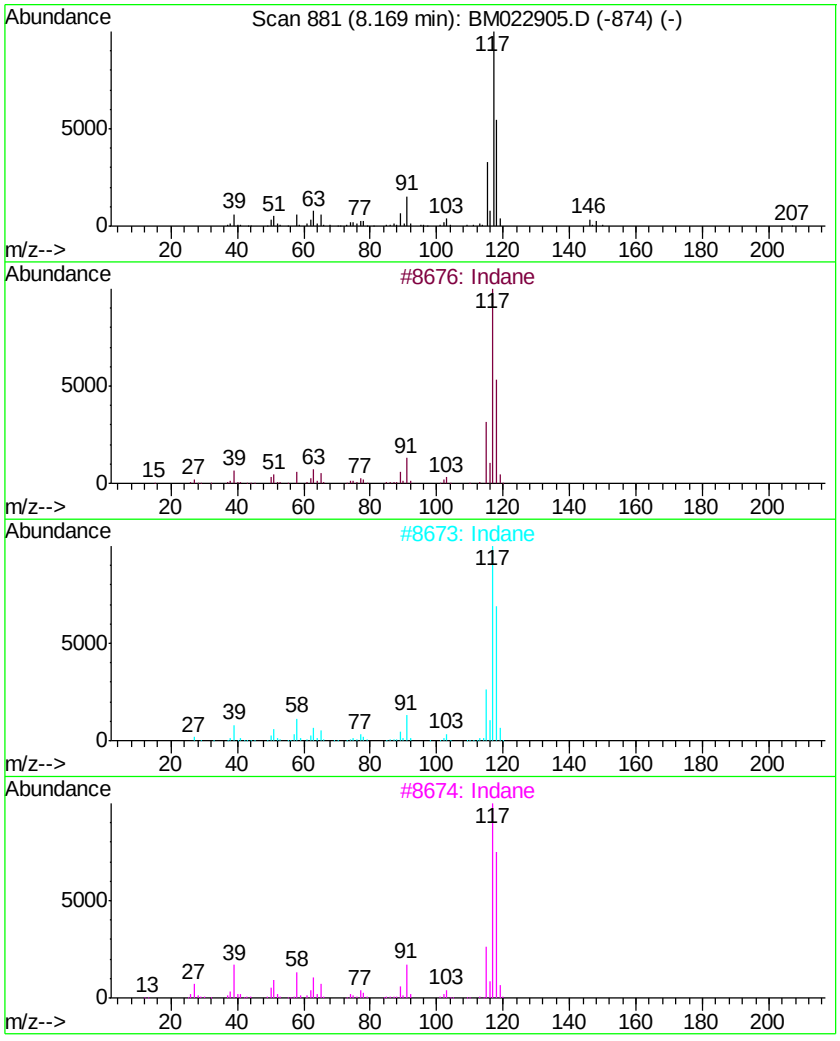
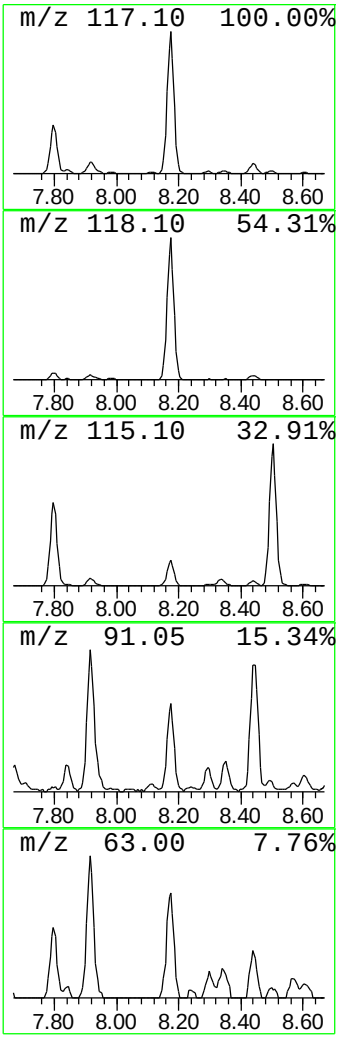
Peak Number 15 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	6.89 ng/ul	570234	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	64
3	Indane	118	C9H10	000496-11-7	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Quant Title : SVOA CALIBRATION

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

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Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.12 ng/ul	258252	1,4-Dichlorobenzene-d4	7.80

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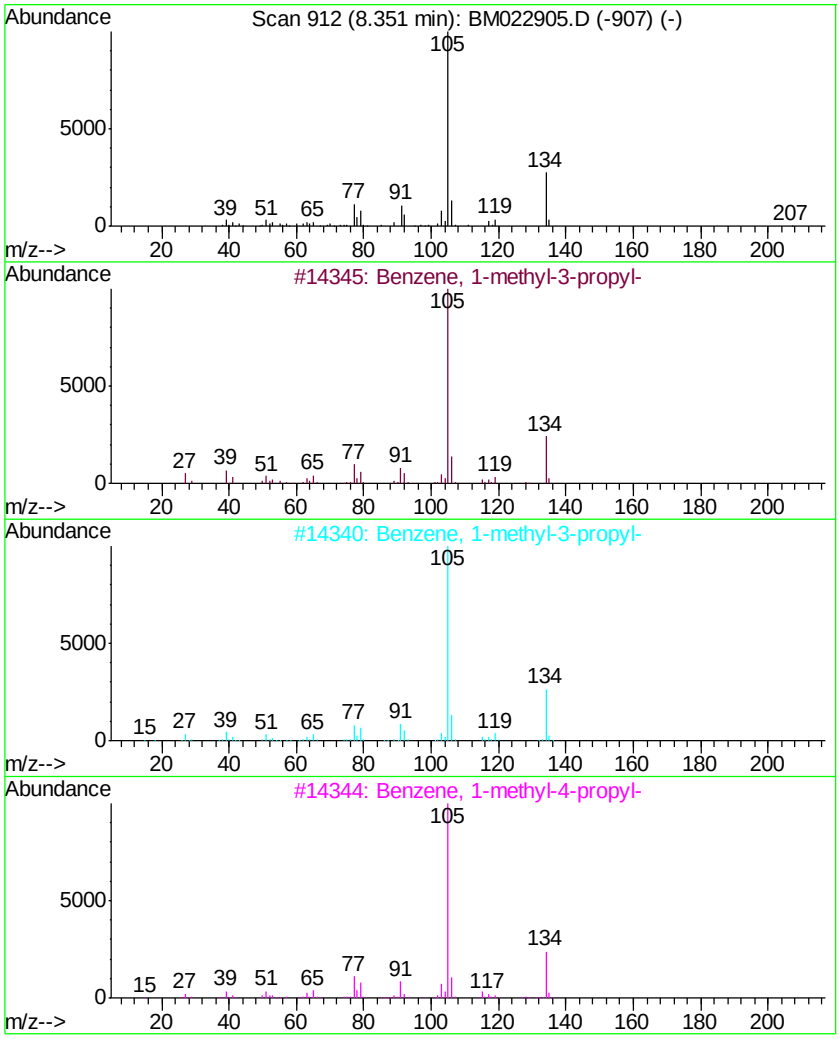

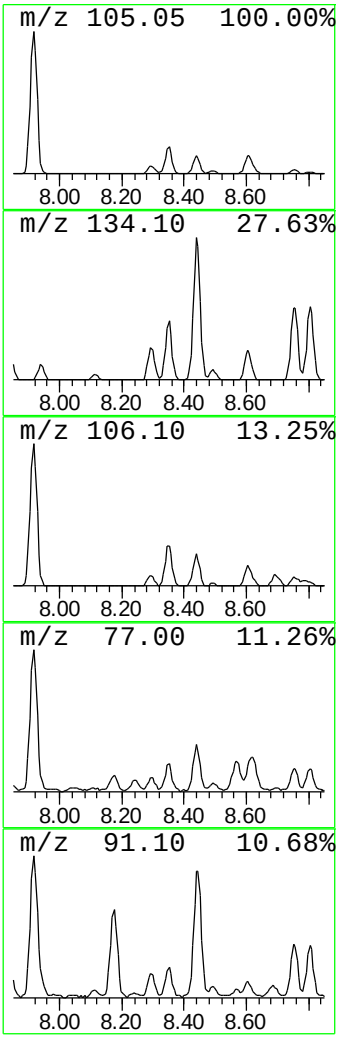

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Quant Title : SVOA CALIBRATION

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

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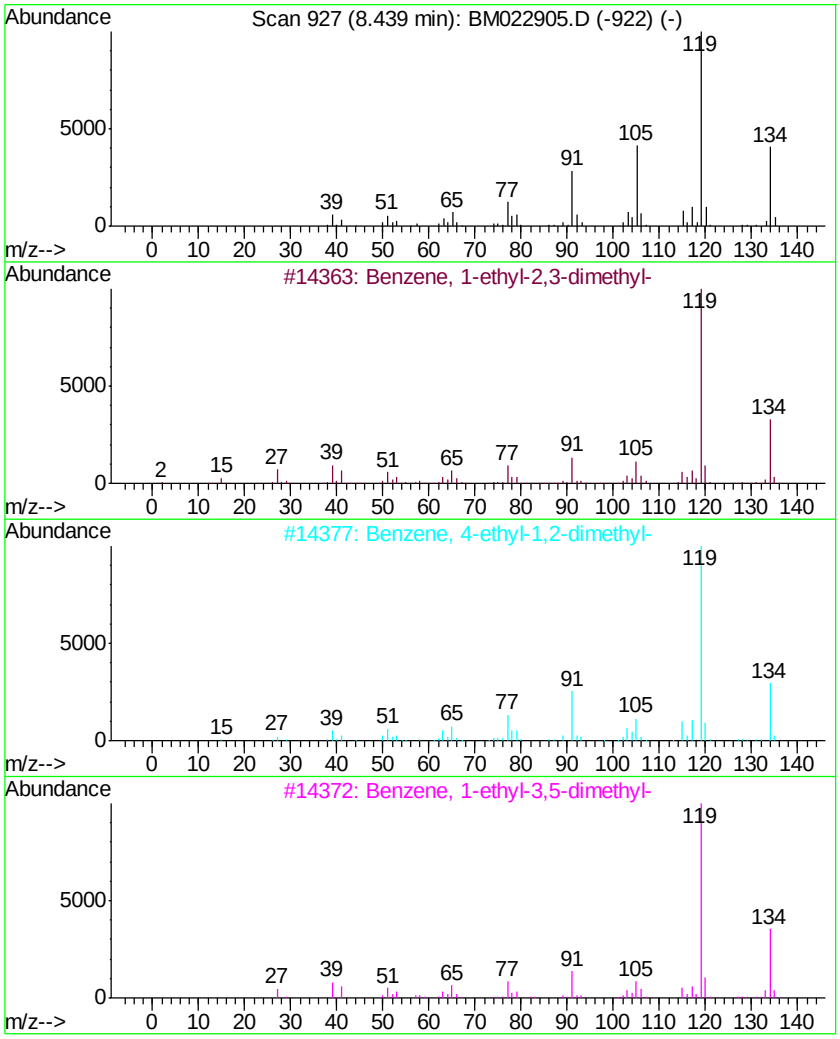
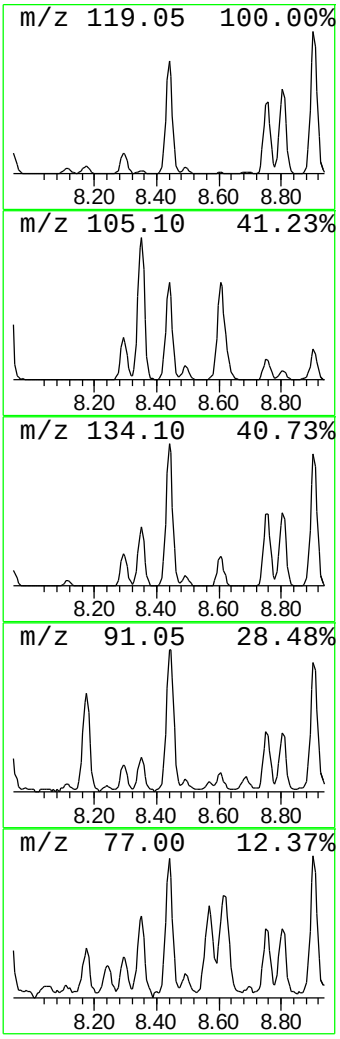
Peak Number 17 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	5.00 ng/ul	413774	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	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 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.49 ng/ul	205730	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	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
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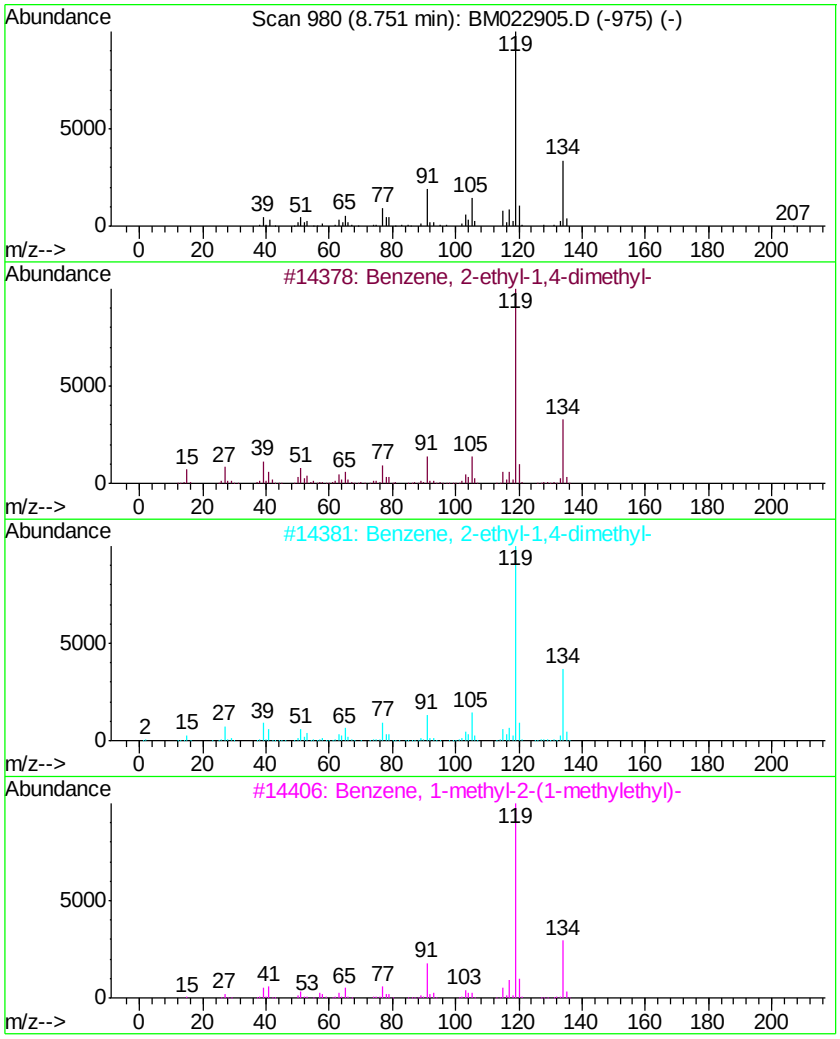

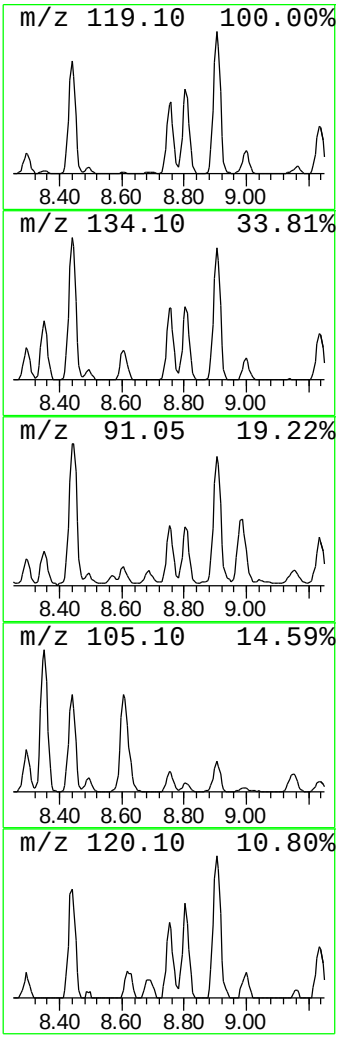

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TIC Integration Parameters: LSCINT.P

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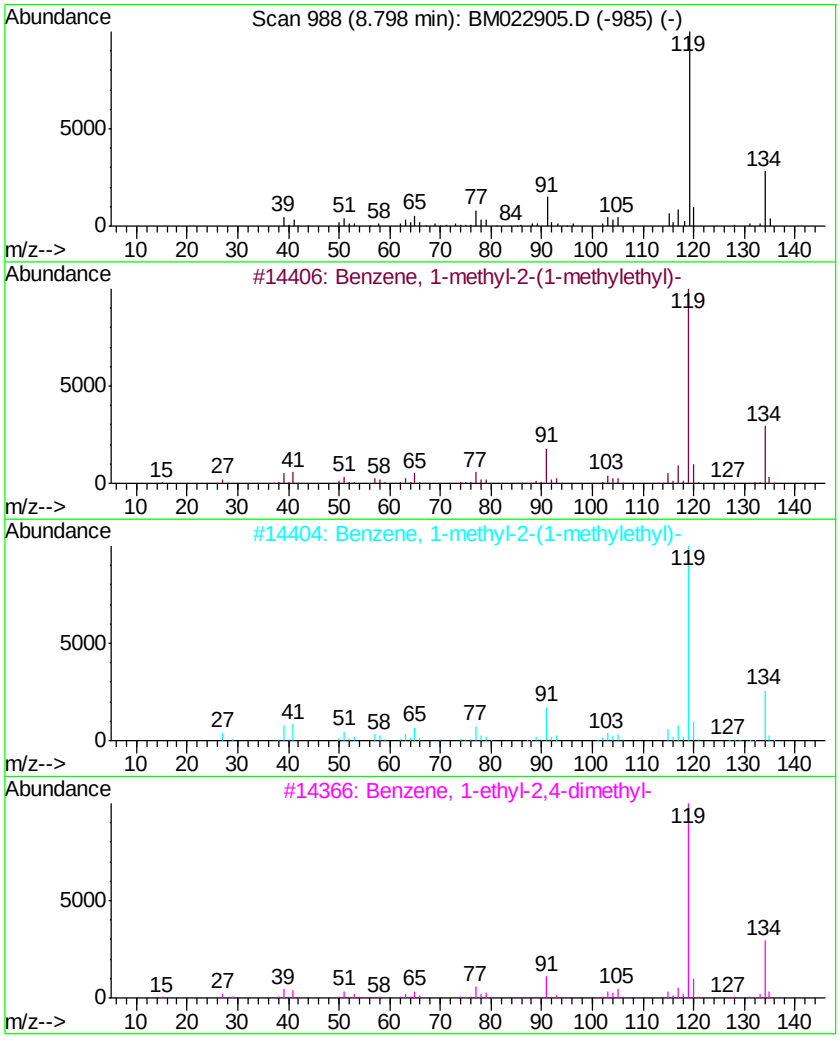
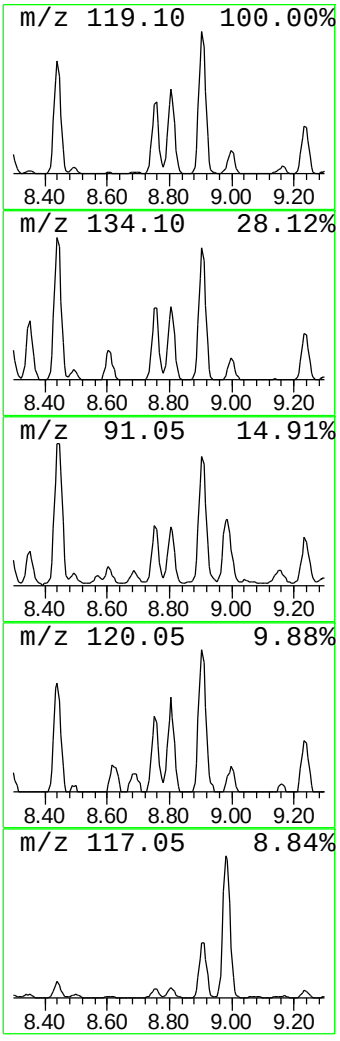
Peak Number 19 Benzene, 1-methyl-2-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.59 ng/ul	214475	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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Acq On : 02 Oct 2019 22:37
Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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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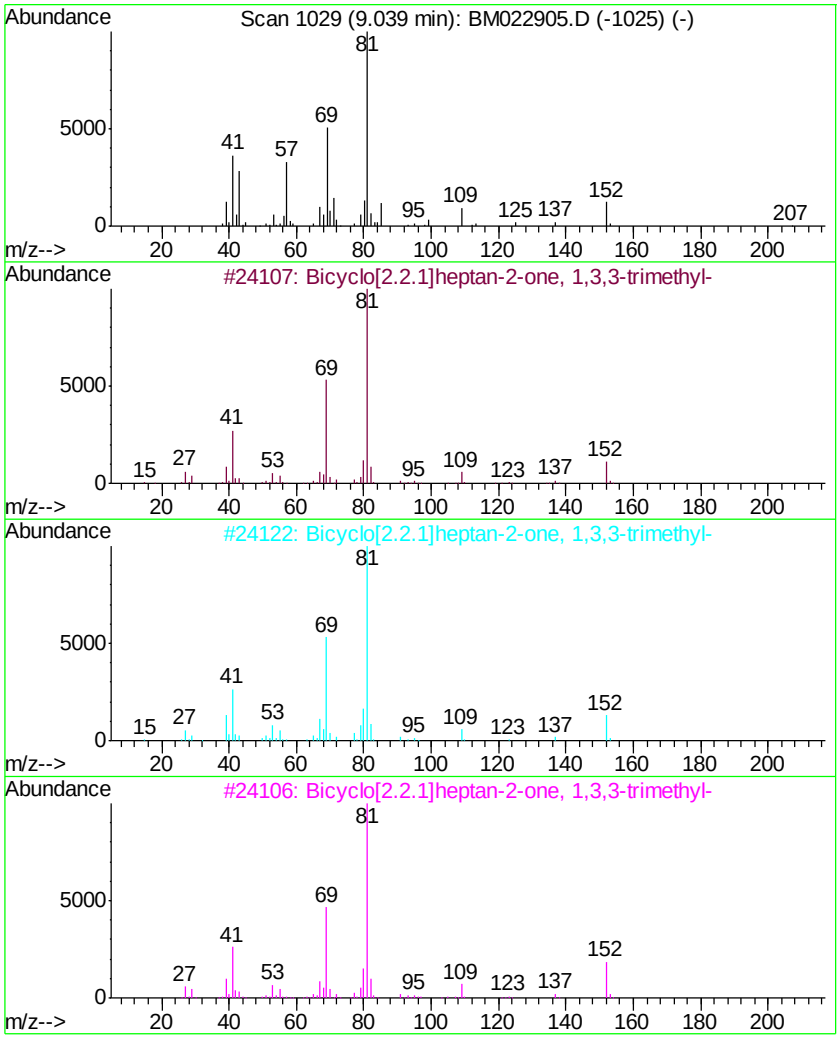
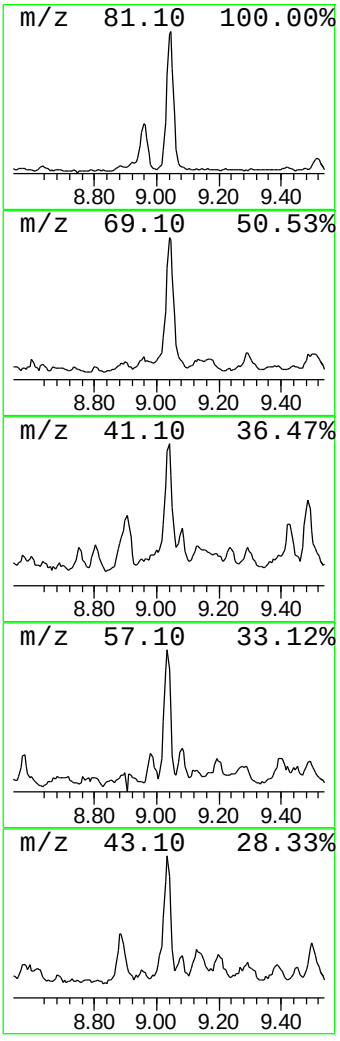
Peak Number 20 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	2.24 ng/ul	185557	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	004695-62-9	87
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
4	L-Fenchone	152	C10H16O	000126-21-6	81
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	004695-62-9	81





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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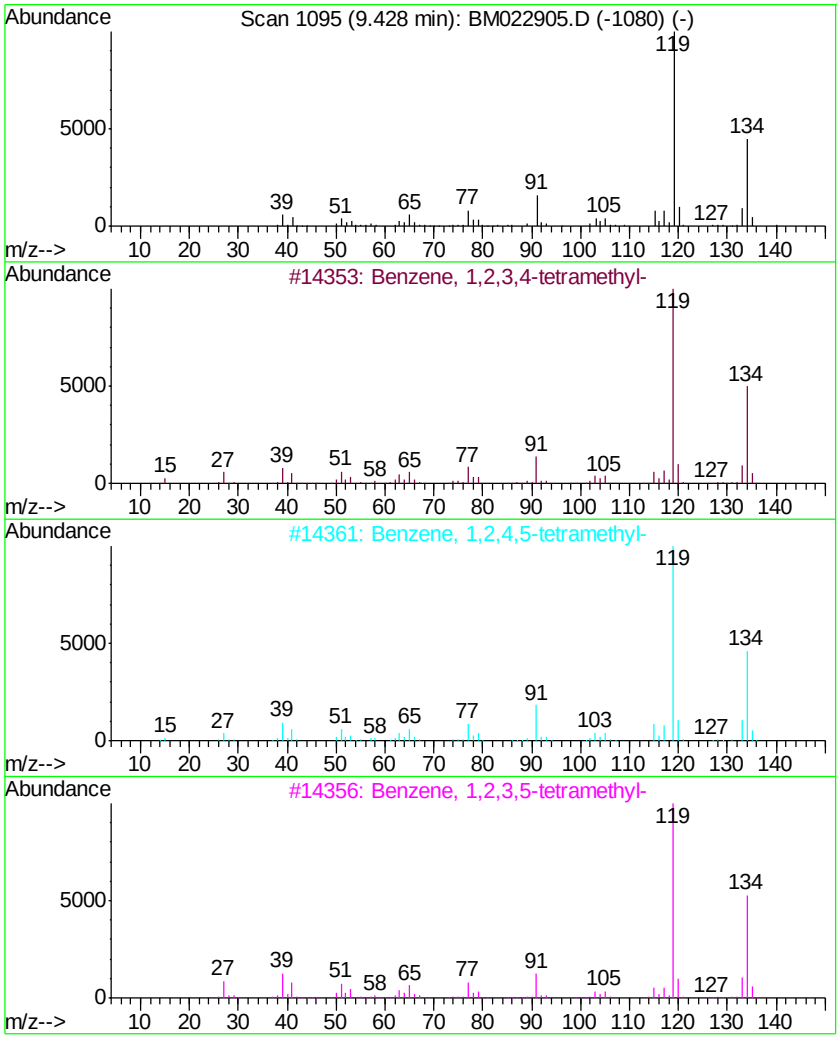
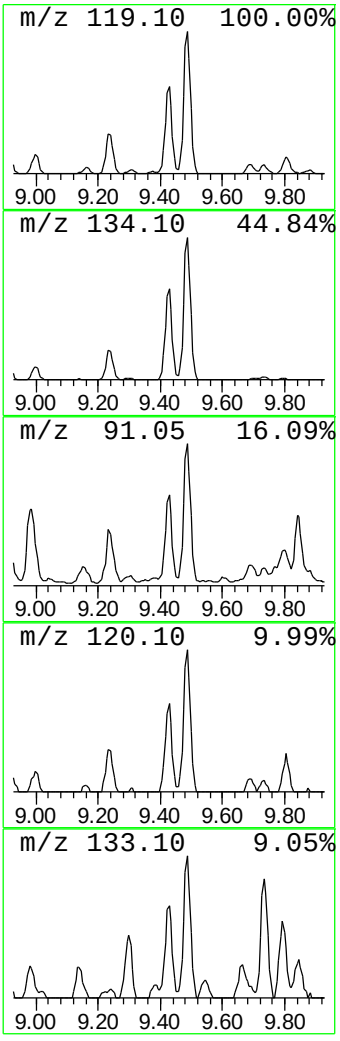
Peak Number 21 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.64 ng/ul	374278	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	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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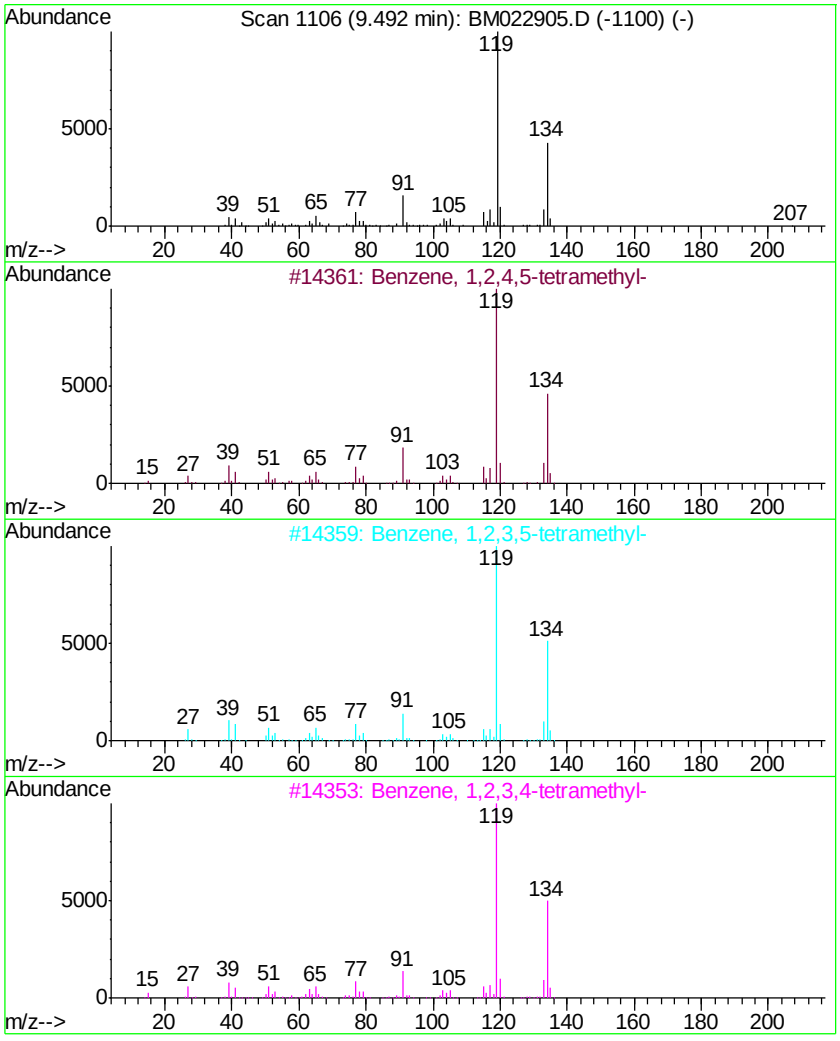
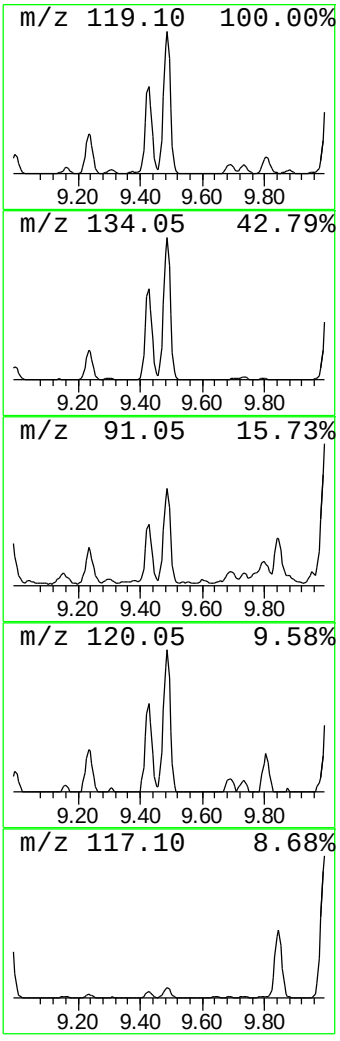
Peak Number 22 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.61 ng/ul	510836	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Library Search Compound Report

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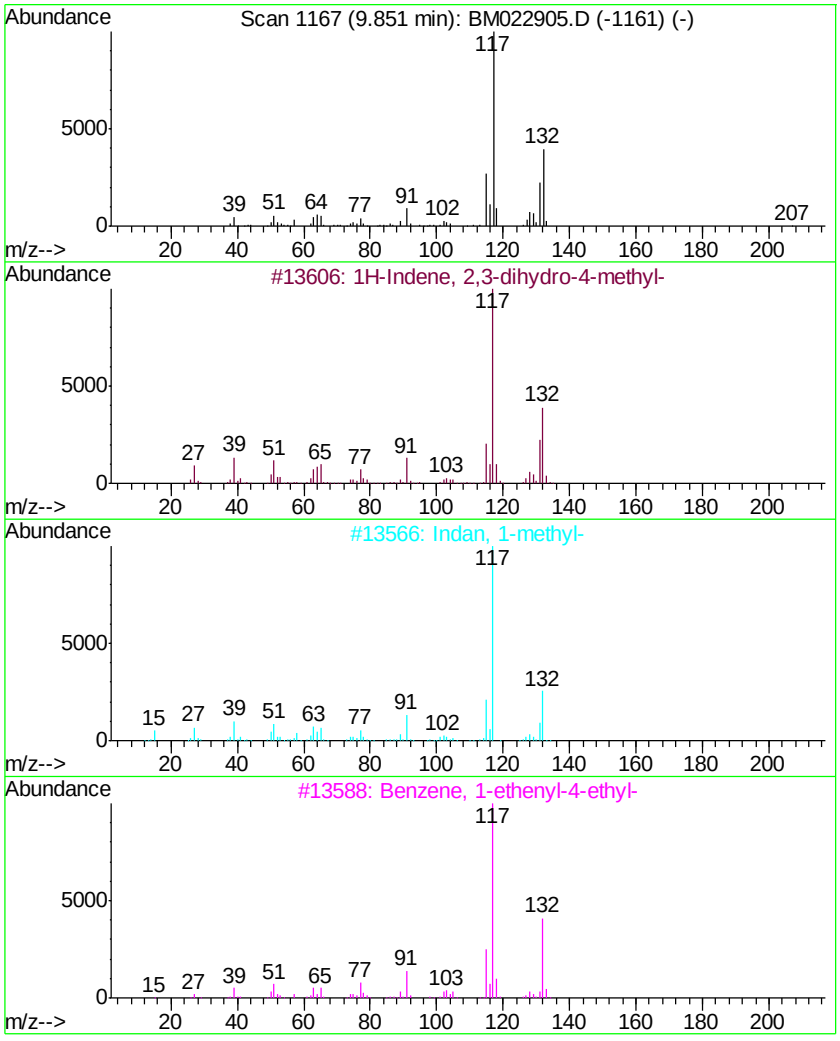
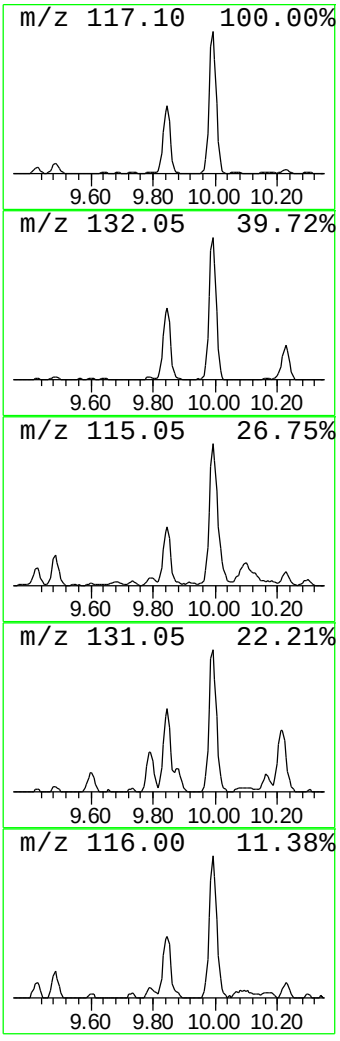
Peak Number 23 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.29 ng/ul	324742	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80





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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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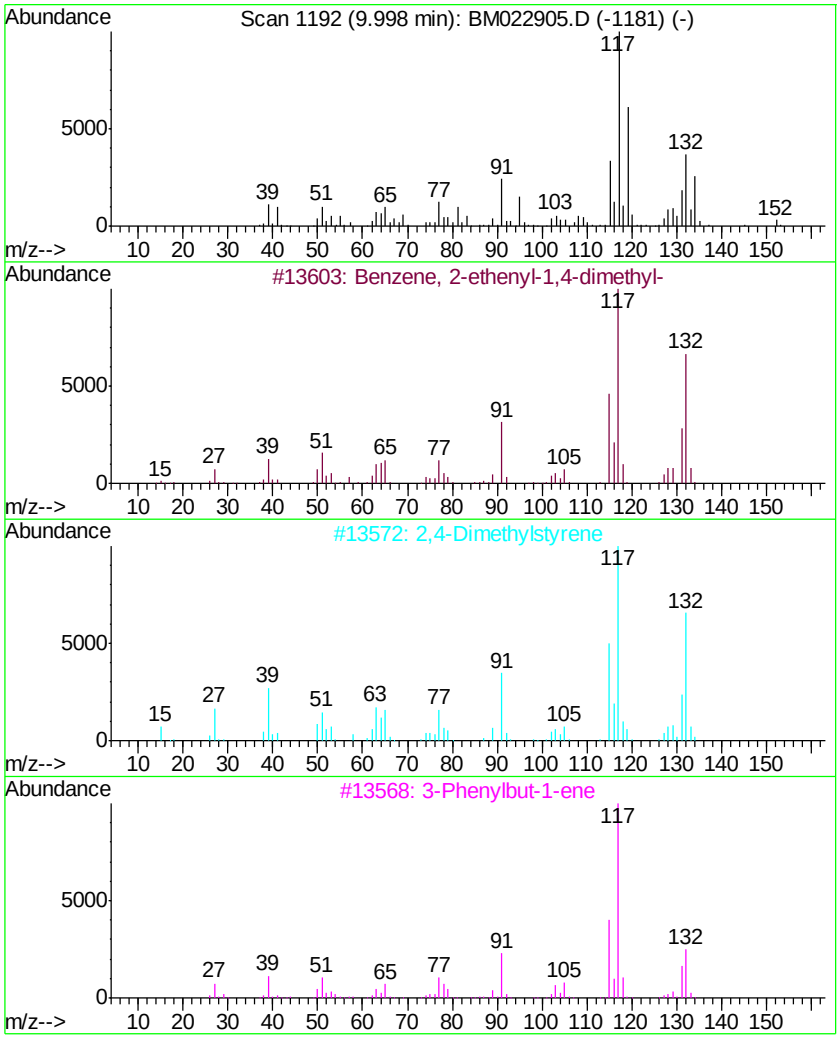
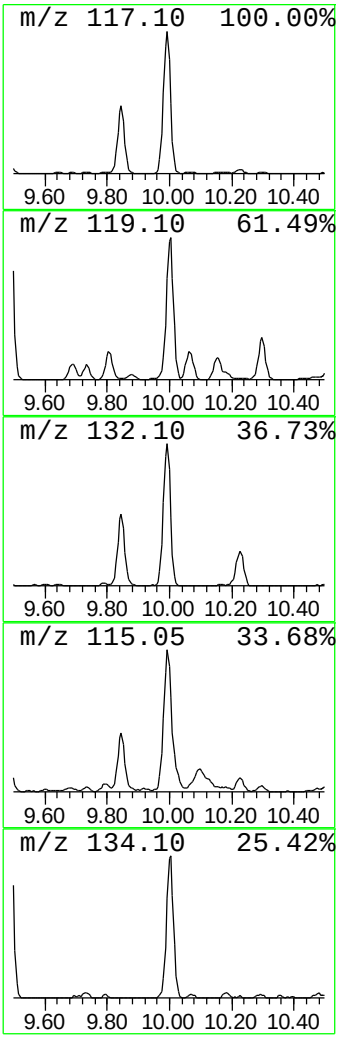
Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	9.72 ng/ul	1374970	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	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64





Library Search Compound Report

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Operator : JU
Sample : K4895-17
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH5

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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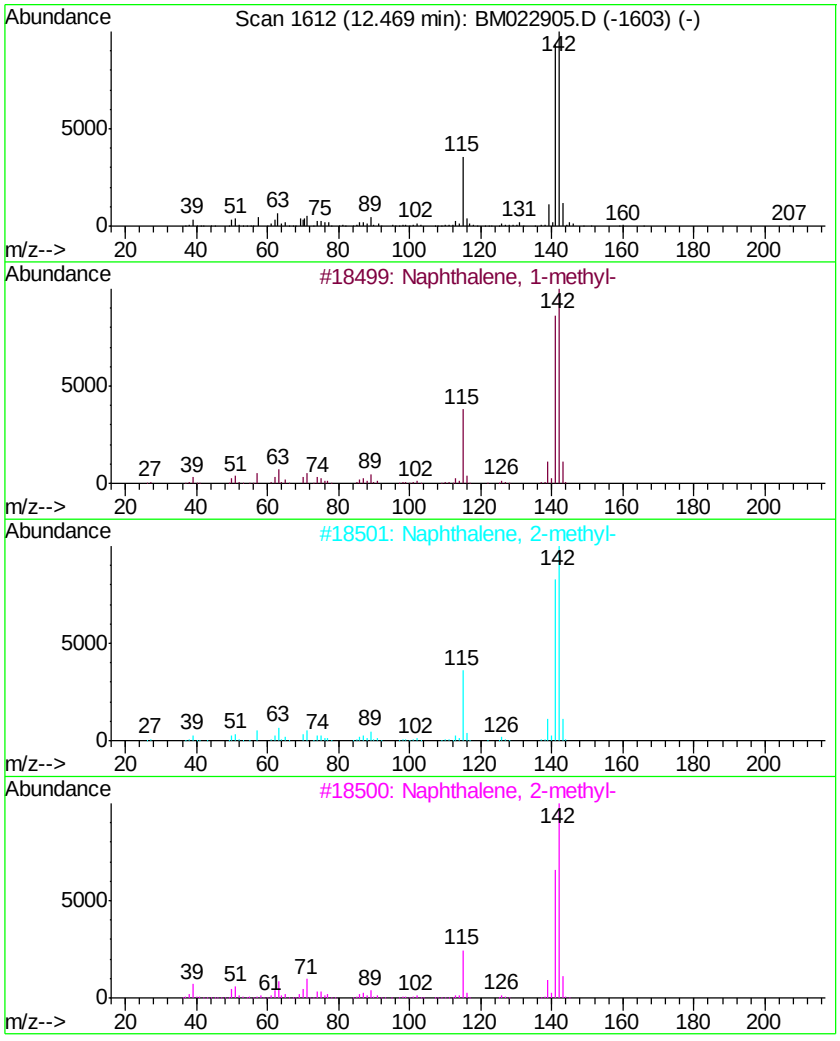
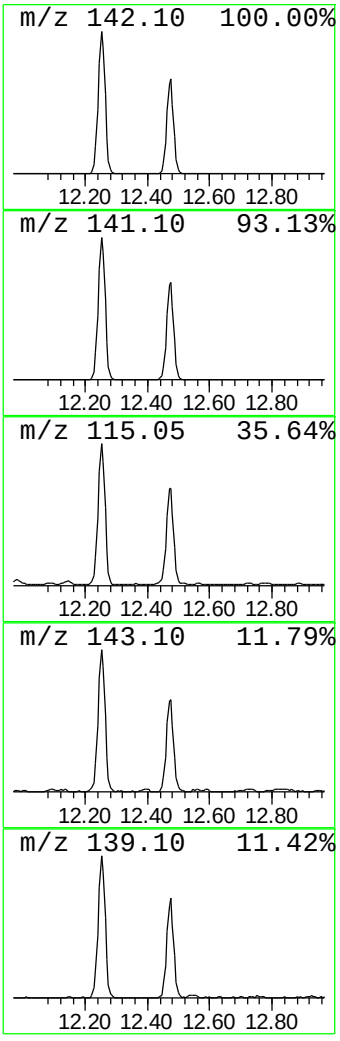
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	7.25 ng/ul	1025410	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





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Instrument : BNA_M
ClientSampleId : BFDH5

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Quant Title : SVOA CALIBRATION

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

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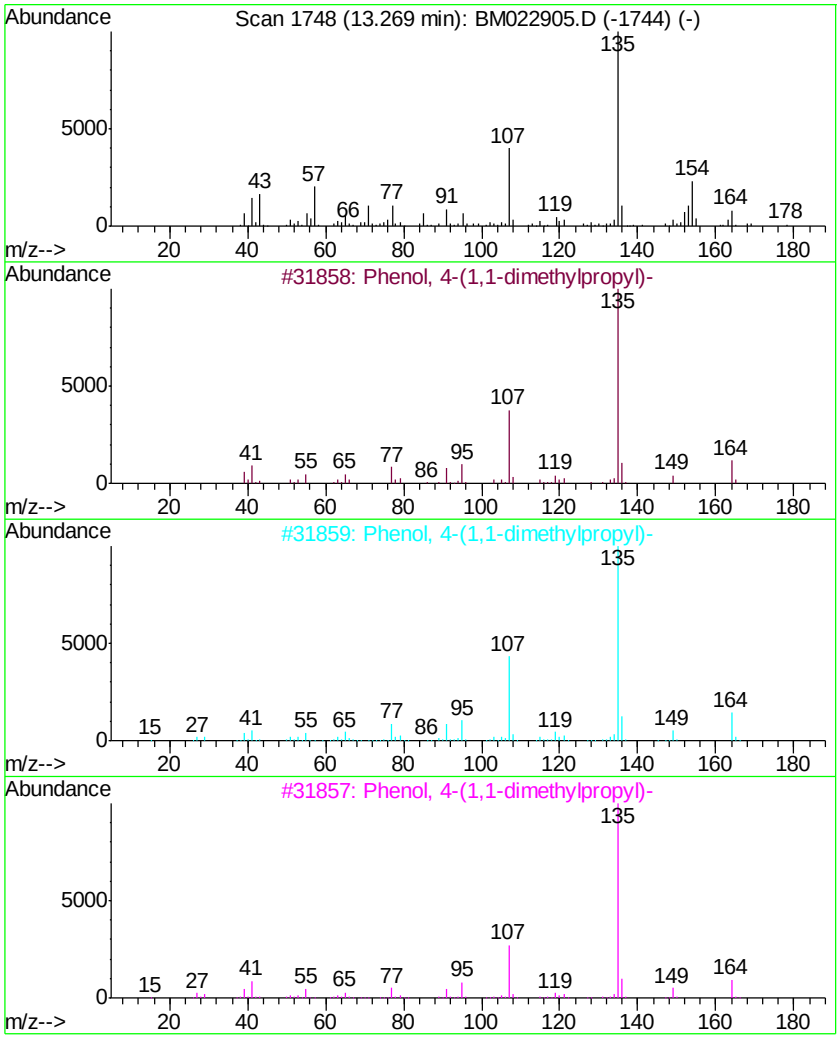
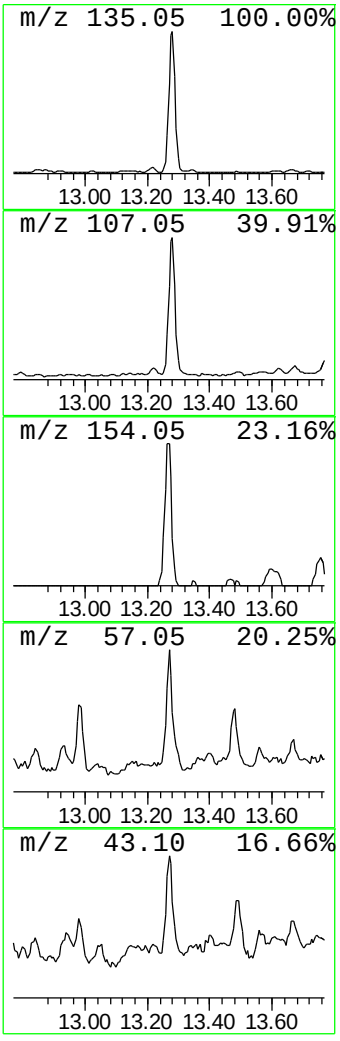
Peak Number 26 Phenol, 4-(1,1-dimethylprop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.92 ng/ul	445919	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	87
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
5	Hexestrol	270	C18H22O2	005635-50-7	59





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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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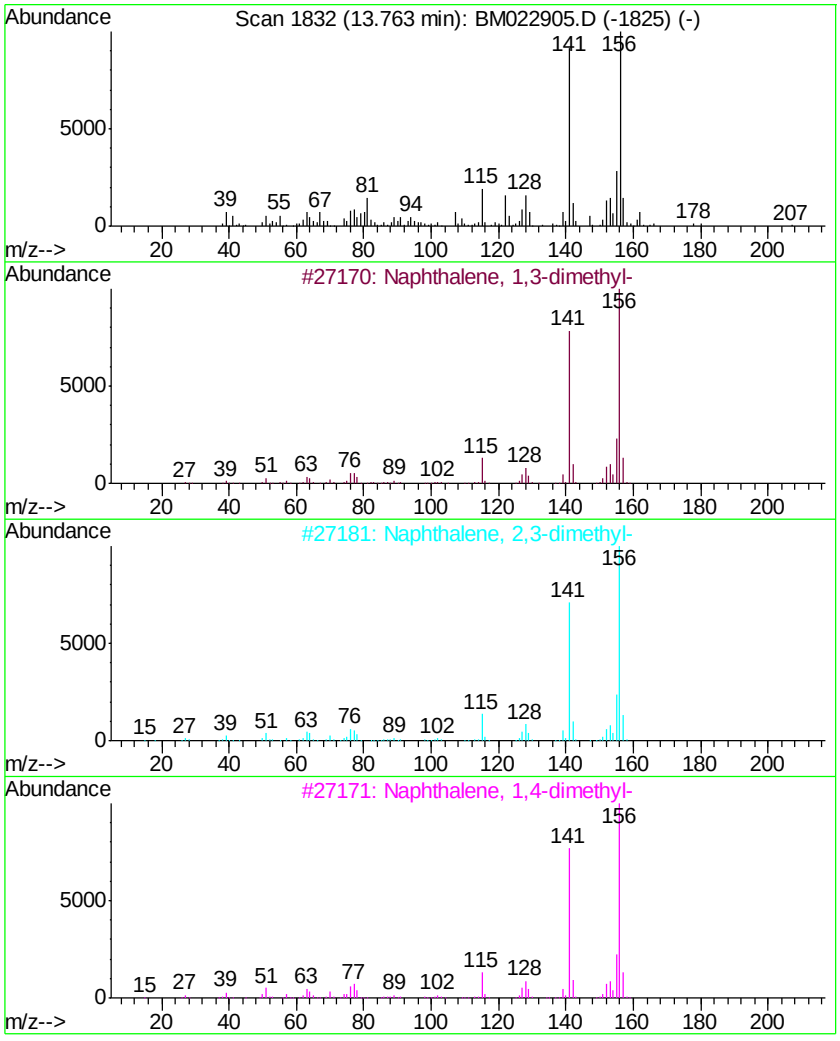
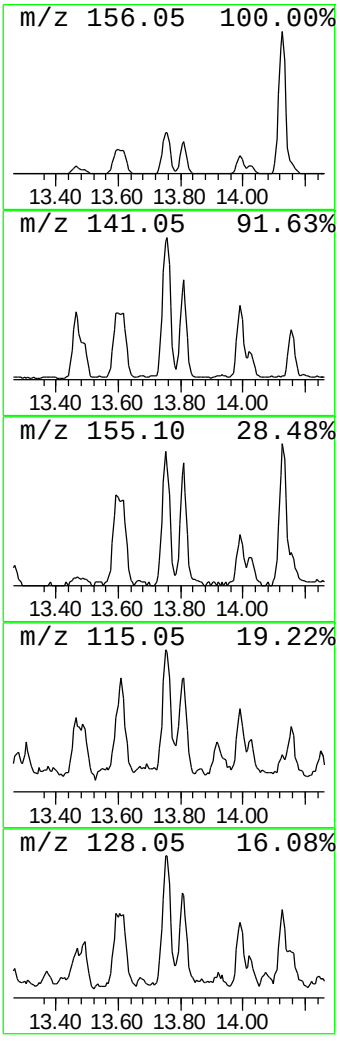
Peak Number 27 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.37 ng/ul	361275	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Instrument : BNA_M
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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

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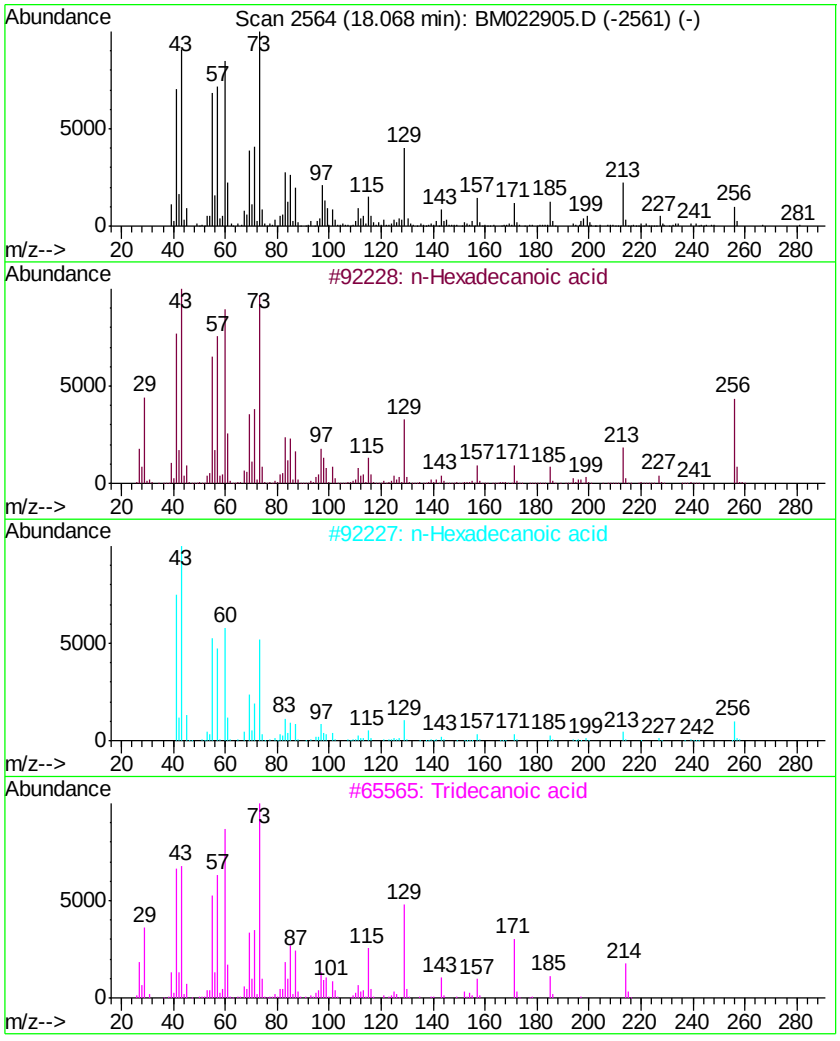
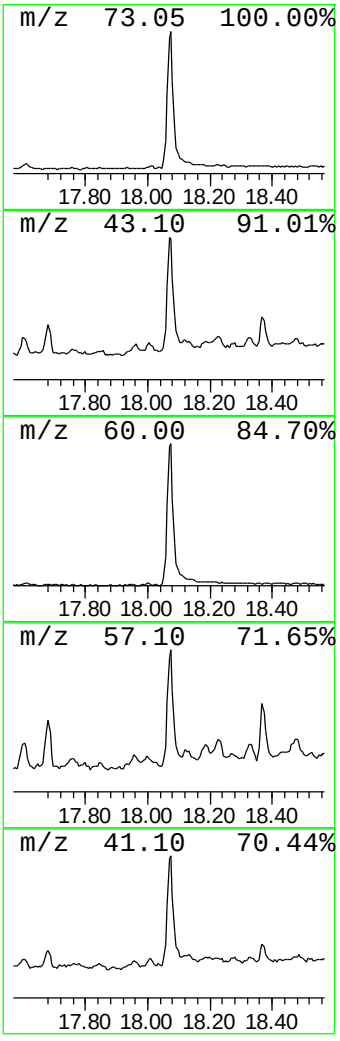
Peak Number 28 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.15 ng/ul	593483	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Library Search Compound Report

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ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
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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

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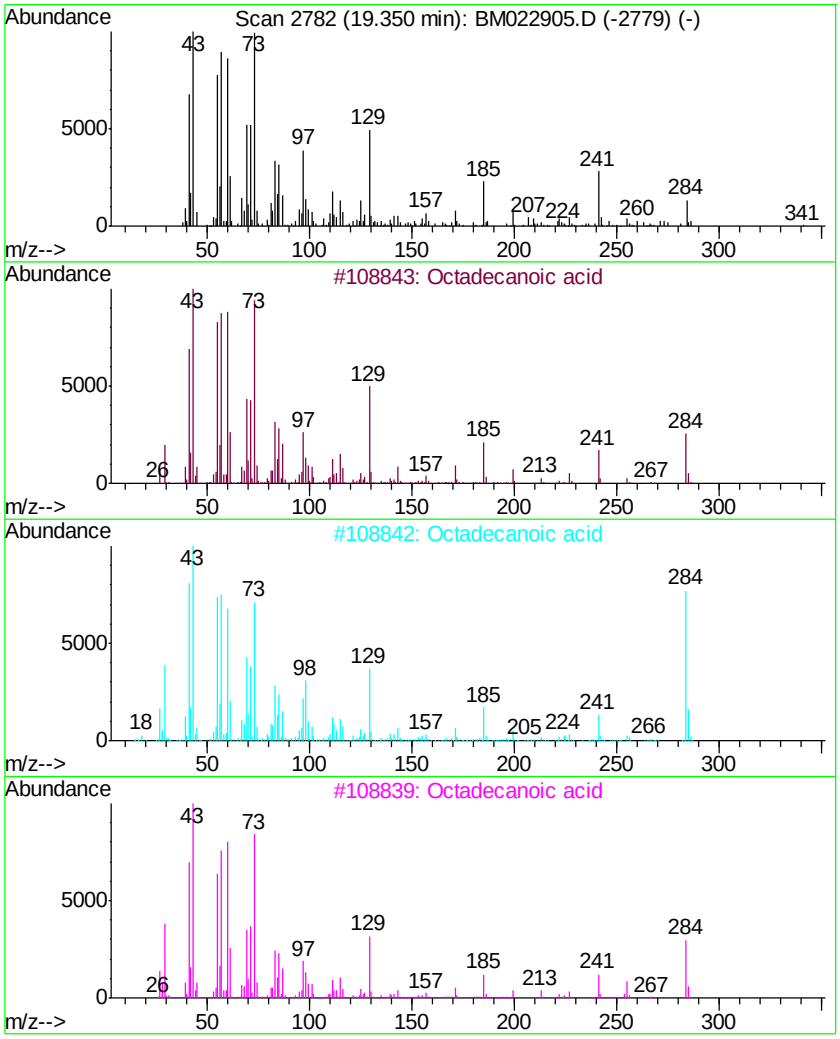
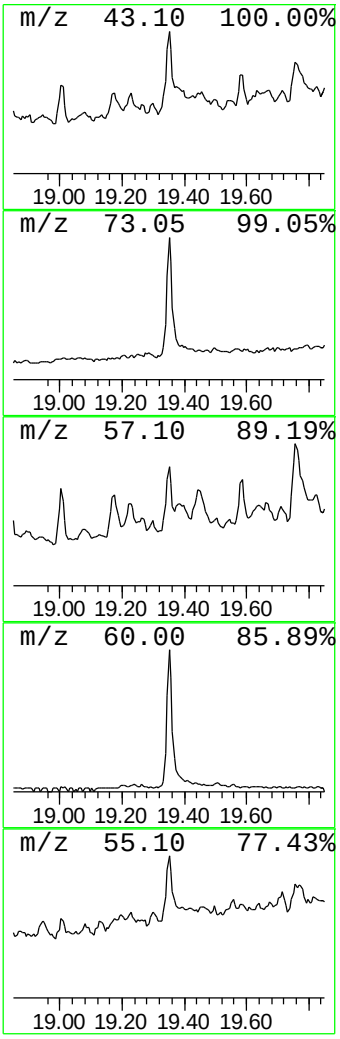
Peak Number 29 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.06 ng/ul	269266	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	72





Tentatively Identified Compound (LSC) summary

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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	3.7	ng/ul	308045	1	7.80	1654260	20.0
Toluene	4.00	9.7	ng/ul	805871	1	7.80	1654260	20.0
Propanoic acid, 2...	4.27	8.3	ng/ul	685600	1	7.80	1654260	20.0
Propanoic acid, p...	4.45	12.0	ng/ul	989101	1	7.80	1654260	20.0
Butanoic acid, 1-...	4.90	14.5	ng/ul	1198880	1	7.80	1654260	20.0
Ethylbenzene	5.32	4.4	ng/ul	360725	1	7.80	1654260	20.0
Butanoic acid, pr...	5.76	2.2	ng/ul	180115	1	7.80	1654260	20.0
p-Xylene	5.82	12.7	ng/ul	1049550	1	7.80	1654260	20.0
Benzene, propyl-	6.79	2.4	ng/ul	196654	1	7.80	1654260	20.0
Benzene, 1-ethyl-...	6.89	7.8	ng/ul	646947	1	7.80	1654260	20.0
Benzene, 1-ethyl-...	7.19	5.2	ng/ul	433231	1	7.80	1654260	20.0
Benzene, 1,2,3-tr...	7.45	22.8	ng/ul	1881510	1	7.80	1654260	20.0
Indane	8.17	6.9	ng/ul	570234	1	7.80	1654260	20.0
Benzene, 1-methyl...	8.35	3.1	ng/ul	258252	1	7.80	1654260	20.0
Benzene, 1-ethyl-...	8.44	5.0	ng/ul	413774	1	7.80	1654260	20.0
Benzene, 2-ethyl-...	8.75	2.5	ng/ul	205730	1	7.80	1654260	20.0
Benzene, 1-methyl...	8.80	2.6	ng/ul	214475	1	7.80	1654260	20.0
Bicyclo[2.2.1]hep...	9.04	2.2	ng/ul	185557	1	7.80	1654260	20.0
Benzene, 1,2,3,4-...	9.43	2.6	ng/ul	374278	2	10.59	2830140	20.0
Benzene, 1,2,4,5-...	9.49	3.6	ng/ul	510836	2	10.59	2830140	20.0
1H-Indene, 2,3-di...	9.85	2.3	ng/ul	324742	2	10.59	2830140	20.0
Benzene, 2-etheny...	10.00	9.7	ng/ul	1374970	2	10.59	2830140	20.0
Naphthalene, 1-me...	12.47	7.3	ng/ul	1025410	2	10.59	2830140	20.0
Phenol, 4-(1,1-di...	13.27	2.9	ng/ul	445919	3	14.43	3053420	20.0
Naphthalene, 1,3-...	13.76	2.4	ng/ul	361275	3	14.43	3053420	20.0
n-Hexadecanoic acid	18.07	4.2	ng/ul	593483	4	17.17	2858480	20.0
Octadecanoic acid	19.35	2.1	ng/ul	269266	5	21.35	2616250	20.0