LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
Data File : BM027487.D
Acq On : 19 Sep 2020 07:05
Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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-BM090420MA.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	4.857	312	318	331	rVB	2914005	3993481	86.80%	5.178%
2	4.993	336	341	346	rBV	108982	145544	3.16%	0.189%
3	5.051	346	351	356	rBV	105622	144594	3.14%	0.187%
4	5.181	368	373	381	rVV	333313	690237	15.00%	0.895%
5	5.257	381	386	393	rVB2	175756	283942	6.17%	0.368%
6	5.540	429	434	444	rVB	143721	224039	4.87%	0.291%
7	6.010	505	514	525	rBV	467988	781473	16.99%	1.013%
8	6.192	538	545	552	rBV	428484	675098	14.67%	0.875%
9	6.498	588	597	611	rBV2	135082	364908	7.93%	0.473%
10	6.687	625	629	634	rVV	188857	299889	6.52%	0.389%
11	6.839	650	655	661	rBV	539107	837888	18.21%	1.086%
12	6.898	661	665	669	rVV	146022	199420	4.33%	0.259%
13	7.034	682	688	695	rBV2	704507	1108684	24.10%	1.438%
14	7.157	703	709	713	rVB	152501	222612	4.84%	0.289%
15	7.222	713	720	726	rBV2	219682	372774	8.10%	0.483%
16	7.492	759	766	771	rBV	564274	960935	20.89%	1.246%
17	7.534	771	773	782	rVB4	97615	146541	3.19%	0.190%
18	7.616	782	787	790	rBV	84953	130313	2.83%	0.169%
19	7.710	798	803	812	rBV	317410	459517	9.99%	0.596%
20	7.863	822	829	834	rVV2	129589	261518	5.68%	0.339%
21	8.210	882	888	898	rVB	525610	833562	18.12%	1.081%
22	8.492	926	936	941	rBV4	104816	248844	5.41%	0.323%
23	8.598	947	954	957	rBV2	188559	343023	7.46%	0.445%
24	8.639	957	961	970	rVV	703726	1166849	25.36%	1.513%
25	8.728	970	976	987	rVB4	230640	539254	11.72%	0.699%
26	8.998	1016	1022	1027	rBV	188618	285497	6.21%	0.370%
27	9.292	1067	1072	1078	rBV3	182506	412740	8.97%	0.535%
28	9.357	1078	1083	1096	rVB	657935	1113729	24.21%	1.444%
29	9.528	1106	1112	1118	rBV4	74075	130494	2.84%	0.169%
30	9.651	1127	1133	1136	rBV	199373	338229	7.35%	0.439%
31	9.686	1136	1139	1148	rVB2	219488	404683	8.80%	0.525%
32	9.775	1148	1154	1158	rBV4	80013	160466	3.49%	0.208%
33	9.822	1158	1162	1167	rVB3	72370	128950	2.80%	0.167%
34	9.898	1167	1175	1184	rBV	1038643	1752695	38.10%	2.273%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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-BM090420MA.M
Title : SVOA CALIBRATION

35	10.016	1184	1195	1203	rBV7	128923	394159	8.57%	0.511%
36	10.086	1203	1207	1216	rVB2	147459	250530	5.45%	0.325%
37	10.263	1231	1237	1242	rBV	721667	1118365	24.31%	1.450%
38	10.310	1242	1245	1250	rVB	172649	226868	4.93%	0.294%
39	10.404	1256	1261	1265	rBV3	83948	150639	3.27%	0.195%
40	10.680	1304	1308	1314	rVB	147792	240397	5.23%	0.312%
41	11.486	1438	1445	1451	rBV5	91929	230299	5.01%	0.299%
42	11.627	1460	1469	1476	rBV	980215	1725016	37.49%	2.237%
43	12.116	1544	1552	1555	rBV6	81911	197345	4.29%	0.256%
44	12.557	1621	1627	1633	rBV2	116707	192485	4.18%	0.250%
45	12.627	1634	1639	1645	rVB4	117897	188356	4.09%	0.244%
46	12.698	1645	1651	1659	rBV	212986	342079	7.44%	0.444%
47	12.798	1664	1668	1676	rVB	501547	653977	14.21%	0.848%
48	13.068	1706	1714	1718	rBV3	67854	149678	3.25%	0.194%
49	13.268	1744	1748	1755	rBV2	133296	207100	4.50%	0.269%
50	13.568	1791	1799	1804	rBV	2025689	2978355	64.74%	3.862%
51	13.616	1804	1807	1810	rVV	298368	440531	9.58%	0.571%
52	13.663	1810	1815	1820	rVV2	1211529	2094735	45.53%	2.716%
53	13.716	1820	1824	1828	rVV	250372	372819	8.10%	0.483%
54	13.757	1828	1831	1835	rVV2	131505	180855	3.93%	0.235%
55	13.833	1839	1844	1851	rVB	2238158	3393831	73.77%	4.401%
56	13.927	1851	1860	1865	rBV	290505	560687	12.19%	0.727%
57	13.974	1865	1868	1878	rVB3	116345	249673	5.43%	0.324%
58	14.145	1891	1897	1902	rBV2	1374954	1968818	42.79%	2.553%
59	14.198	1902	1906	1912	rVB3	144185	231241	5.03%	0.300%
60	14.374	1932	1936	1941	rBV	127206	209722	4.56%	0.272%
61	14.545	1961	1965	1972	rVB4	125194	219867	4.78%	0.285%
62	14.910	2022	2027	2036	rBV	210710	342969	7.45%	0.445%
63	15.057	2048	2052	2059	rVB2	134861	186101	4.05%	0.241%
64	15.145	2061	2067	2077	rVB	2792835	3860486	83.91%	5.006%
65	15.274	2080	2089	2097	rBV	881662	1379298	29.98%	1.789%
66	15.662	2150	2155	2166	rBV	637401	922918	20.06%	1.197%
67	15.762	2167	2172	2179	rBV4	153480	295661	6.43%	0.383%
68	15.839	2179	2185	2190	rBV2	347971	540446	11.75%	0.701%
69	15.892	2190	2194	2199	rVB3	138655	227008	4.93%	0.294%
70	16.180	2239	2243	2245	rVV3	185448	267129	5.81%	0.346%
71	16.209	2245	2248	2258	rVB	297553	424980	9.24%	0.551%

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Instrument : BNA_M
ClientSampleId : BG0N9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Title : SVOA CALIBRATION

72	16.380	2272	2277	2281	rBV	146010	199181	4.33%	0.258%
73	16.433	2281	2286	2289	rBV2	147759	227350	4.94%	0.295%
74	16.892	2355	2364	2374	rVB	1482560	2233171	48.54%	2.896%
75	16.992	2374	2381	2392	rBV	3141436	4190041	91.07%	5.433%
76	17.086	2393	2397	2404	rVV2	148681	213039	4.63%	0.276%
77	17.151	2404	2408	2415	rVB8	78477	150369	3.27%	0.195%
78	17.445	2453	2458	2462	rBV	92101	129243	2.81%	0.168%
79	17.580	2475	2481	2486	rBV	542522	773748	16.82%	1.003%
80	17.627	2486	2489	2497	rVB	106418	151393	3.29%	0.196%
81	17.821	2518	2522	2527	rBV	243860	339110	7.37%	0.440%
82	17.939	2537	2542	2553	rVB	601066	900981	19.58%	1.168%
83	18.039	2554	2559	2562	rVV	423983	596387	12.96%	0.773%
84	18.092	2562	2568	2578	rVB	915405	1517739	32.99%	1.968%
85	18.492	2633	2636	2645	rVB2	101295	215382	4.68%	0.279%
86	18.903	2702	2706	2714	rBV5	72481	176853	3.84%	0.229%
87	19.045	2723	2730	2734	rVB5	115309	262586	5.71%	0.340%
88	19.292	2767	2772	2779	rVV	3348386	4600709	100.00%	5.966%
89	19.356	2779	2783	2793	rVB	833392	1033375	22.46%	1.340%
90	19.521	2808	2811	2814	rVV	222515	281566	6.12%	0.365%
91	19.556	2814	2817	2821	rVV	731899	821652	17.86%	1.065%
92	19.603	2821	2825	2829	rVB	201413	241685	5.25%	0.313%
93	19.715	2838	2844	2848	rBV2	256174	376609	8.19%	0.488%
94	19.756	2848	2851	2856	rVB	413440	511211	11.11%	0.663%
95	20.044	2896	2900	2905	rVB	272720	332836	7.23%	0.432%
96	20.839	3031	3035	3040	rBV	355392	465933	10.13%	0.604%
97	21.092	3074	3078	3085	rVB	1701805	2032497	44.18%	2.636%
98	21.221	3097	3100	3105	rBV	209671	234409	5.10%	0.304%
99	23.097	3413	3419	3427	rBV	2473713	4122268	89.60%	5.345%
100	23.233	3436	3442	3451	rVB	1134905	2008940	43.67%	2.605%

Sum of corrected areas: 77118108

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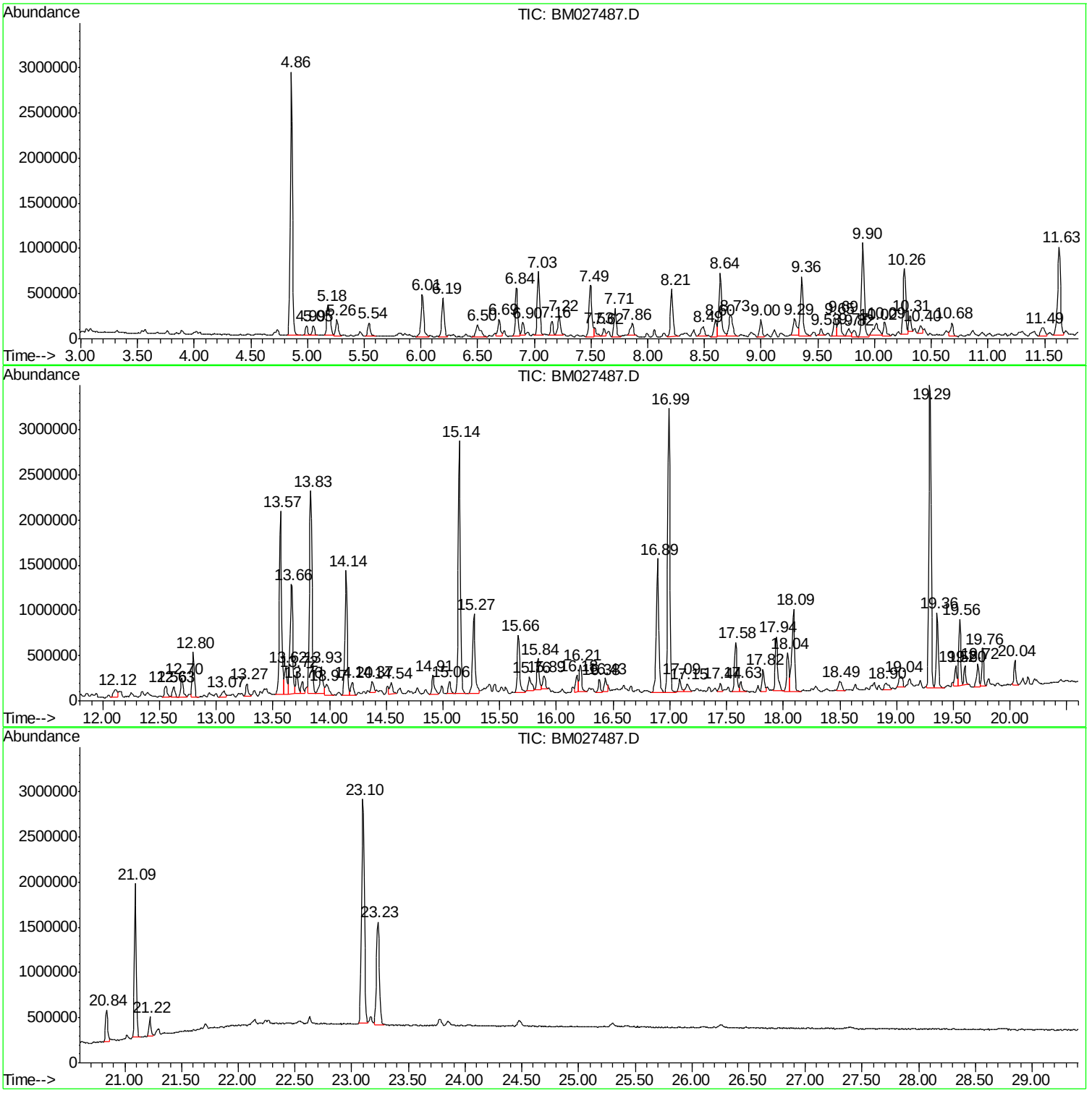
Instrument :
BNA_M
ClientSampleId :
BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

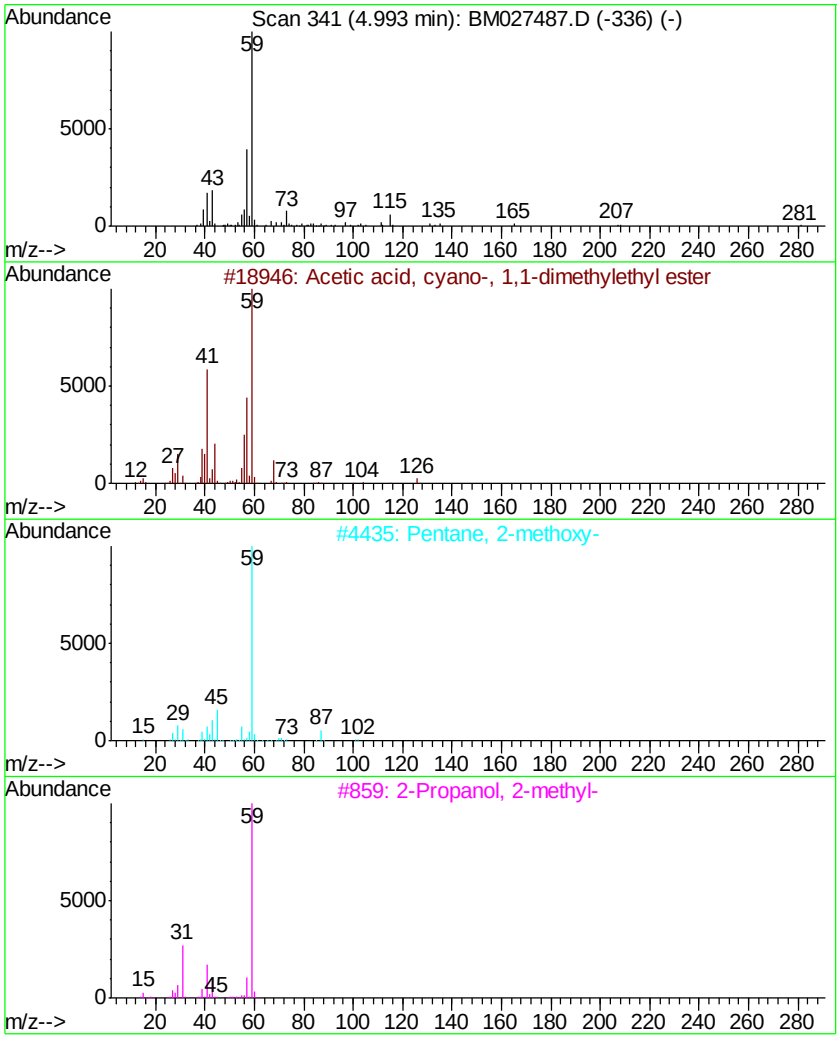
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

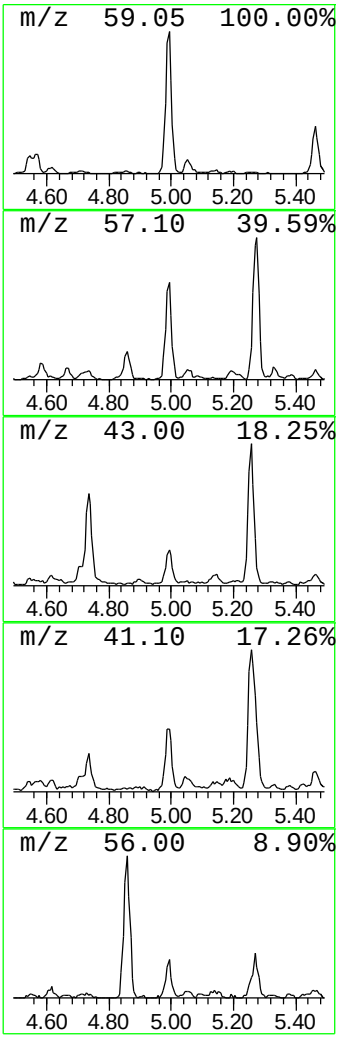
****

Peak Number 2 Acetic acid, cyano-, 1,1-di... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.03 ng/ul	145544	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	64
2	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	53
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	50
4	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	50
5	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	50





Library Search Compound Report

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Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

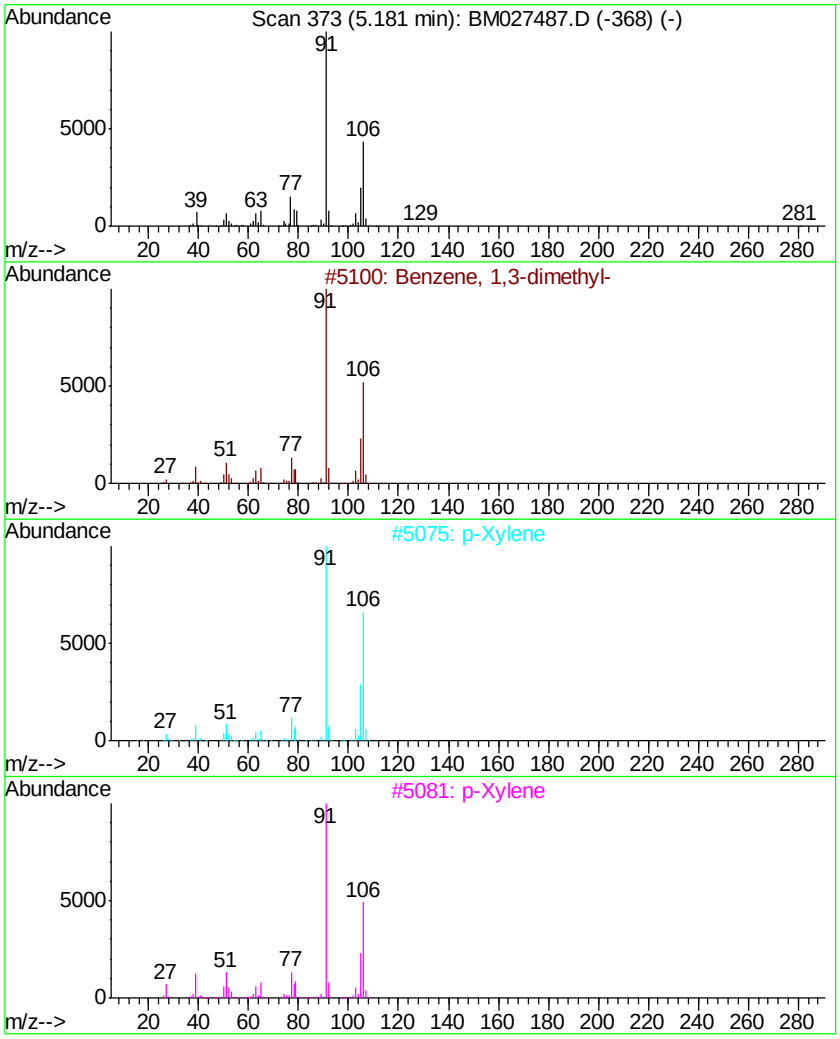
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

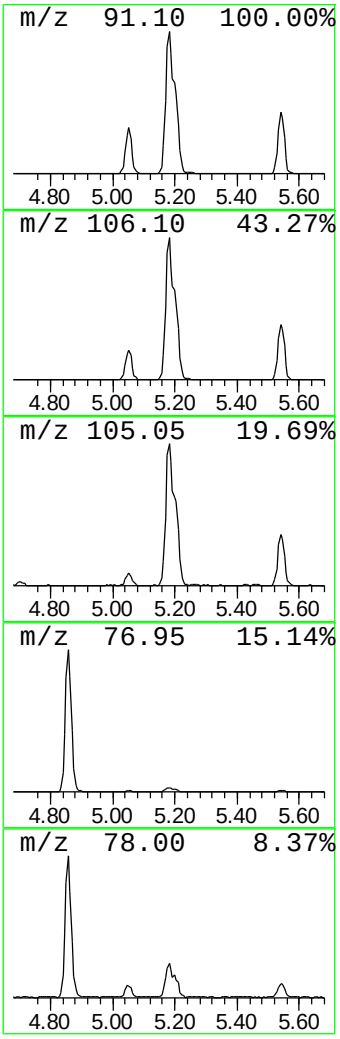
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	14.37 ng/ul	690237	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	o-Xylene	106	C8H10	000095-47-6	94





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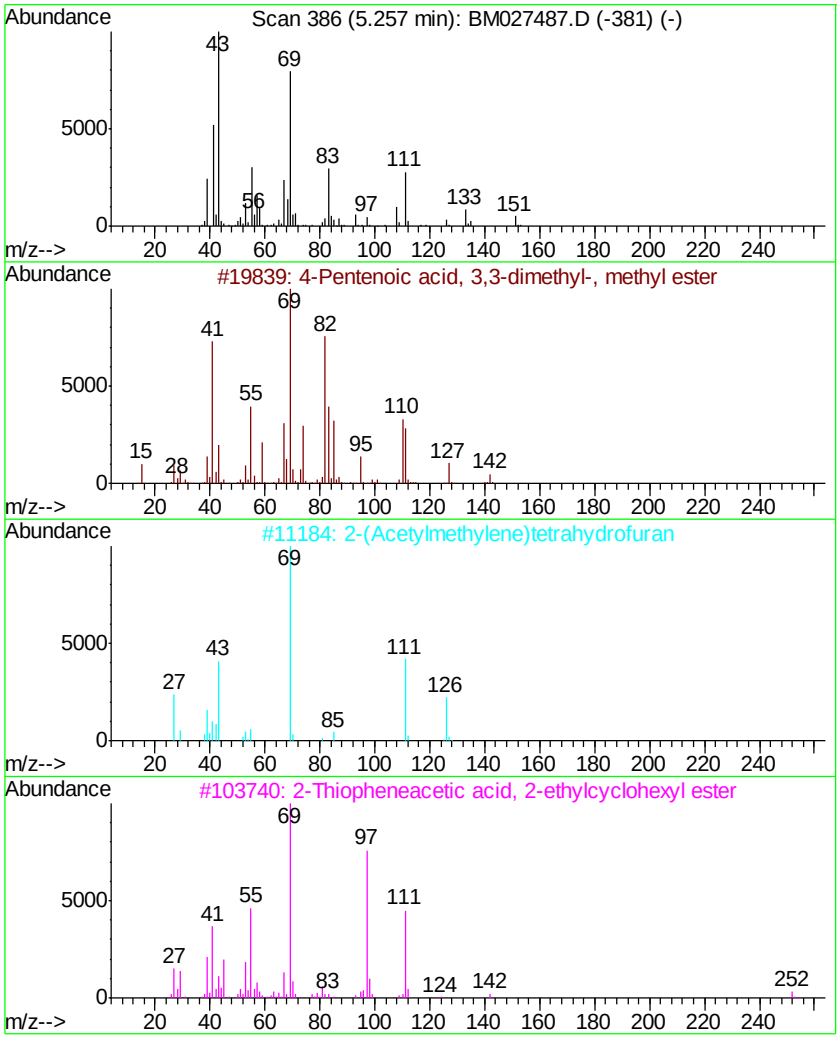
Quant Title : SVOA CALIBRATION

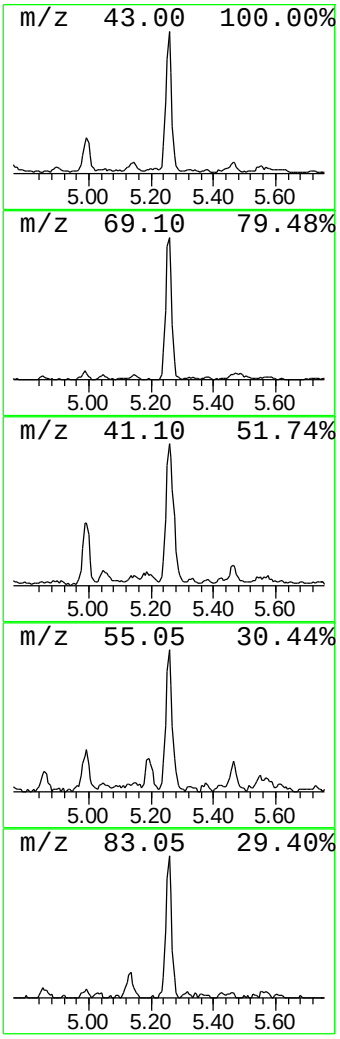
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Pentenoic acid, 3,3-dimet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	5.91 ng/ul	283942	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, 3,3-dimethyl-,...	142	C8H14O2	063721-05-1	50
2	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	47
3	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	47
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	2-Pentene, 4,4'-oxybis-	154	C10H18O	052867-34-2	43





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

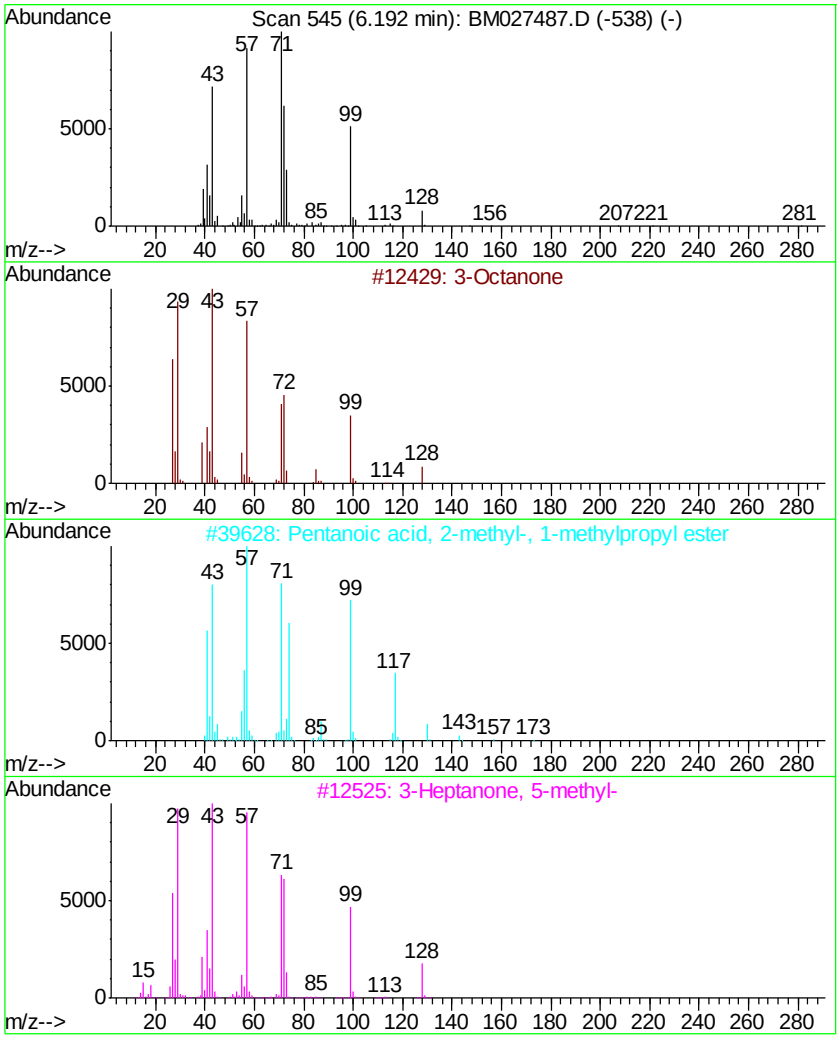
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

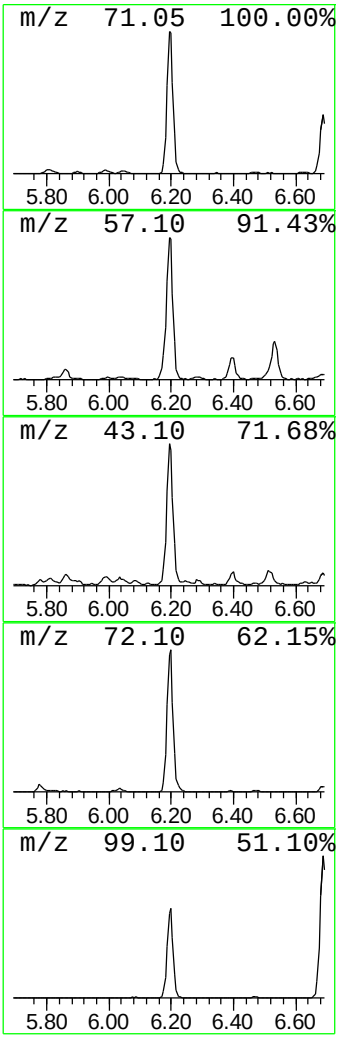
****

Peak Number 8 3-Octanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	14.05 ng/ul	675098	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	59
2	Pentanoic acid, 2-methyl-, 1-met...	172	C10H20O2	057983-17-2	59
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	59
4	3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	47
5	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	47





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Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

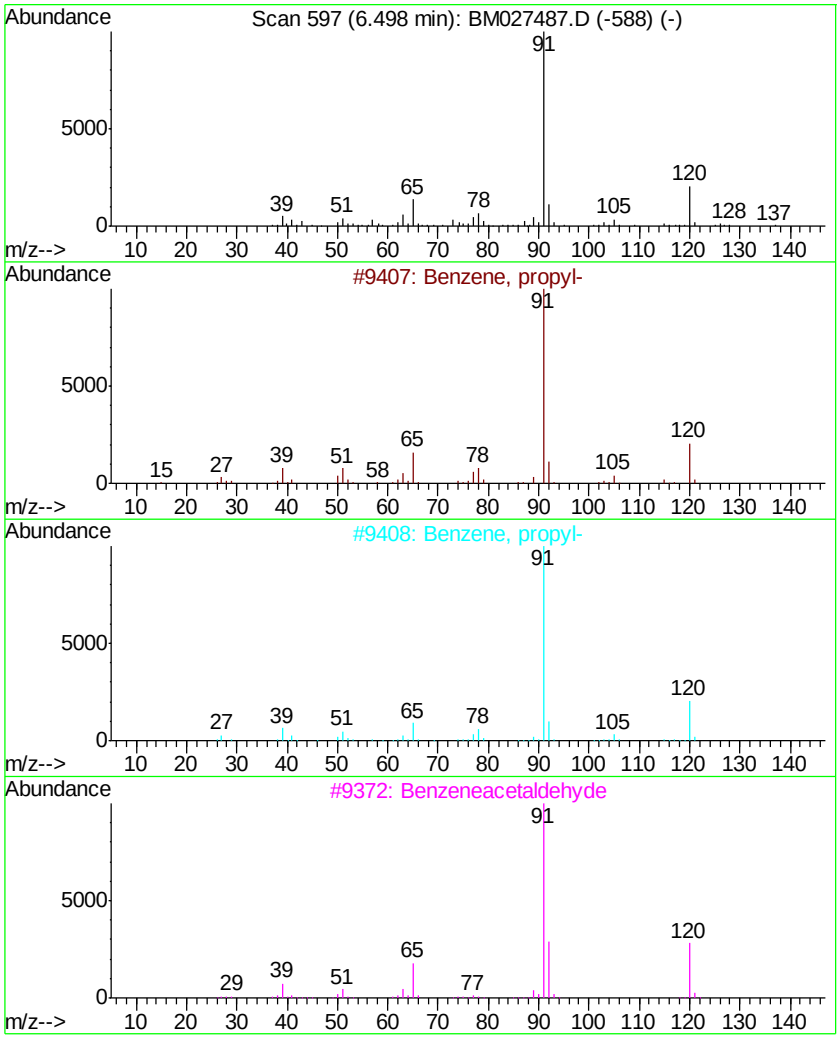
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

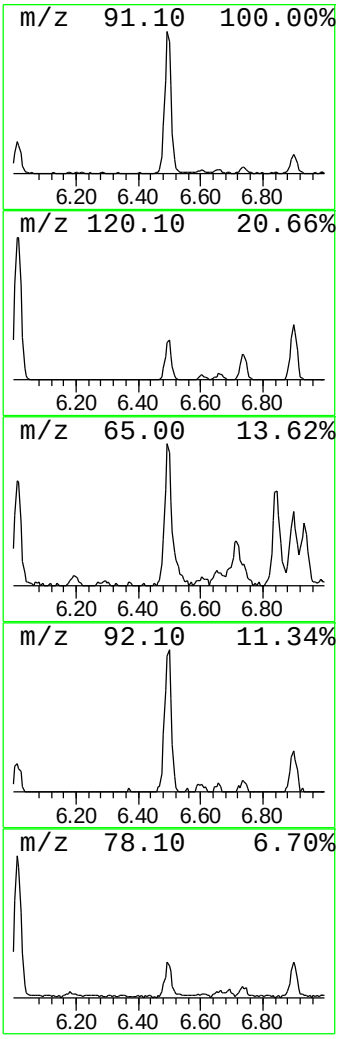
****

Peak Number 9 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	7.59 ng/ul	364908	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	83
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	76
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72





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Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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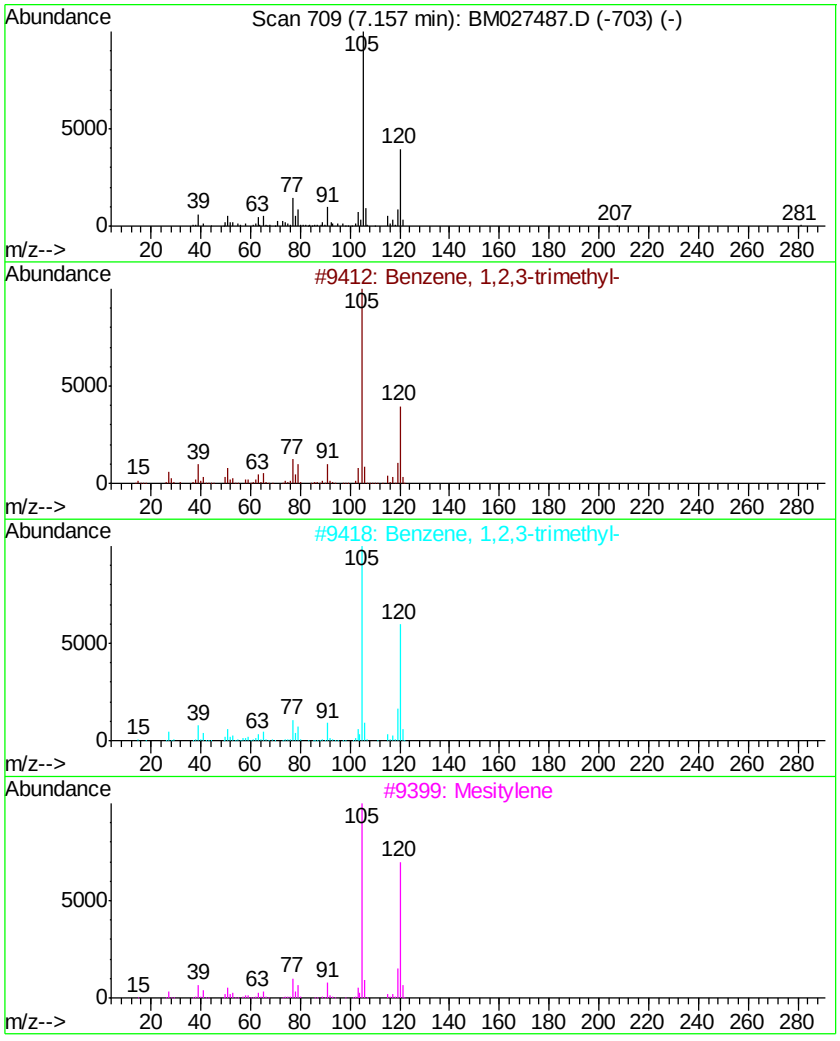
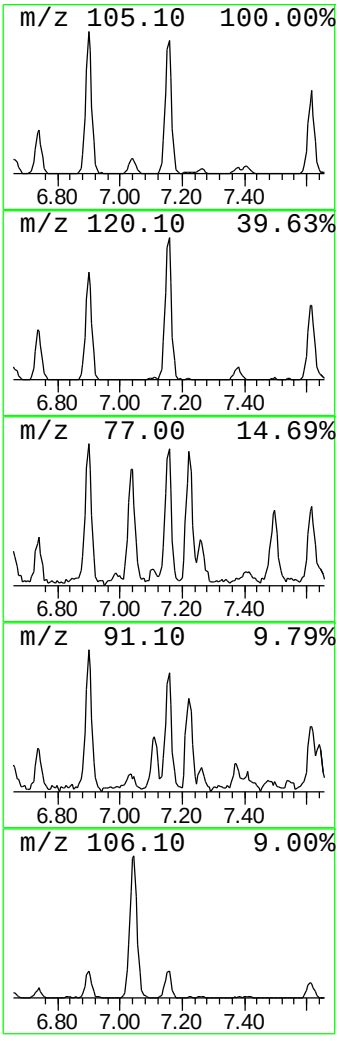
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	4.63 ng/ul	222612	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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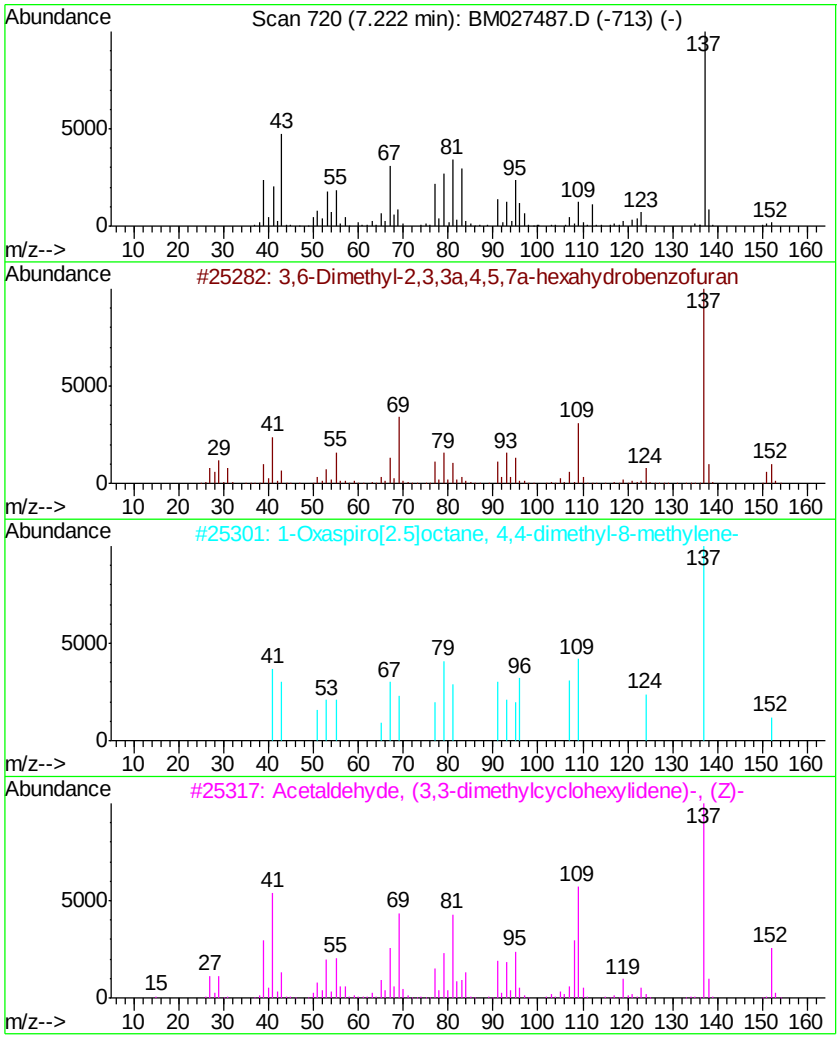
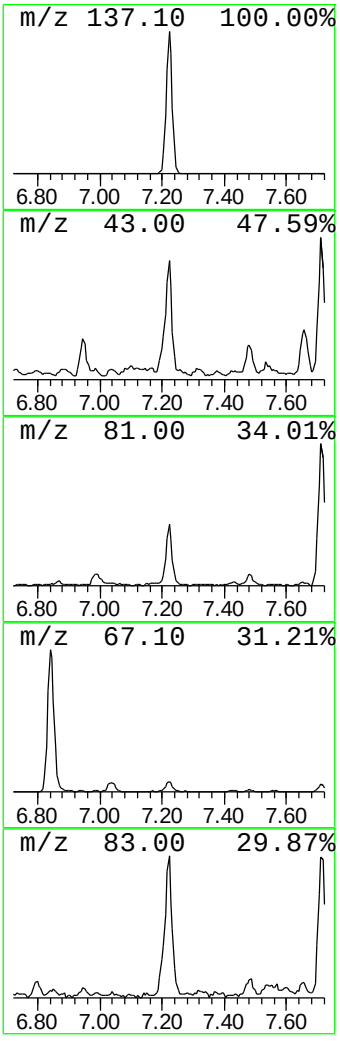
Peak Number 11 3,6-Dimethyl-2,3,3a,4,5,7a-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.76 ng/ul	372774	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dimethyl-2,3,3a,4,5,7a-hexah...	152	C10H16O	070786-44-6	59
2	1-Oxaspiro[2.5]octane, 4,4-dimet...	152	C10H16O	054345-56-1	40
3	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-24-1	38
4	4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	37
5	Benzaldehyde, 3-hydroxy-, oxime	137	C7H7NO2	022241-18-5	37





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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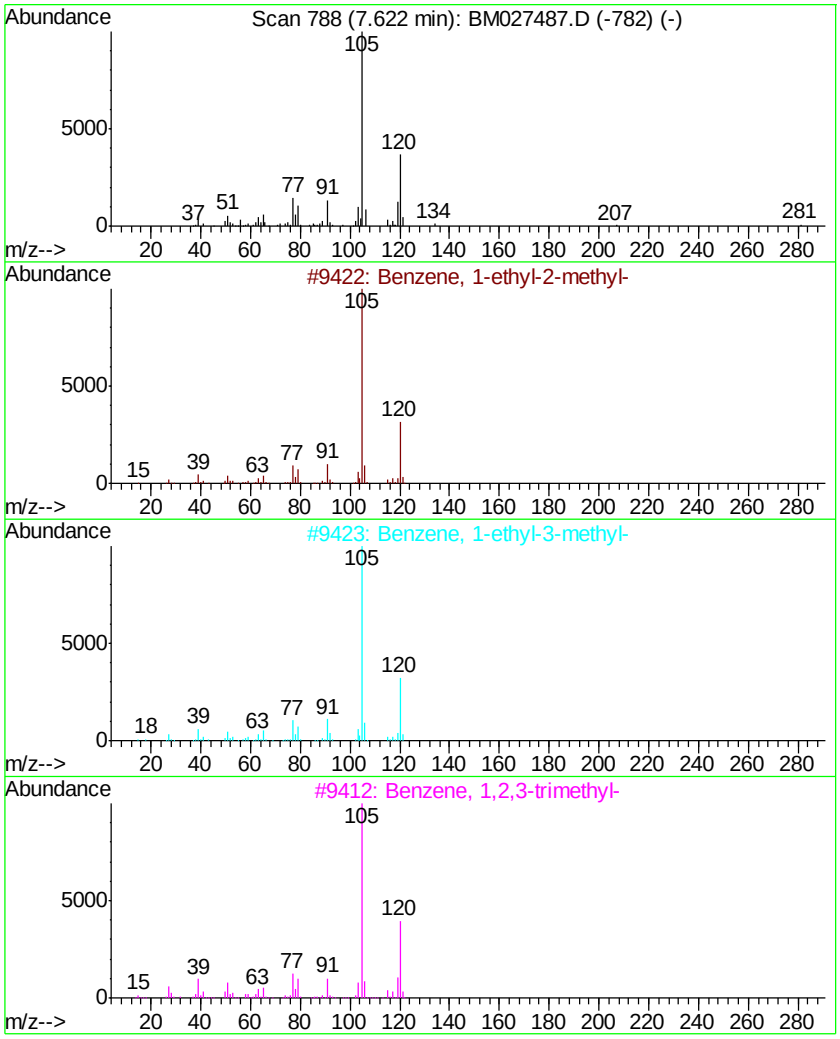
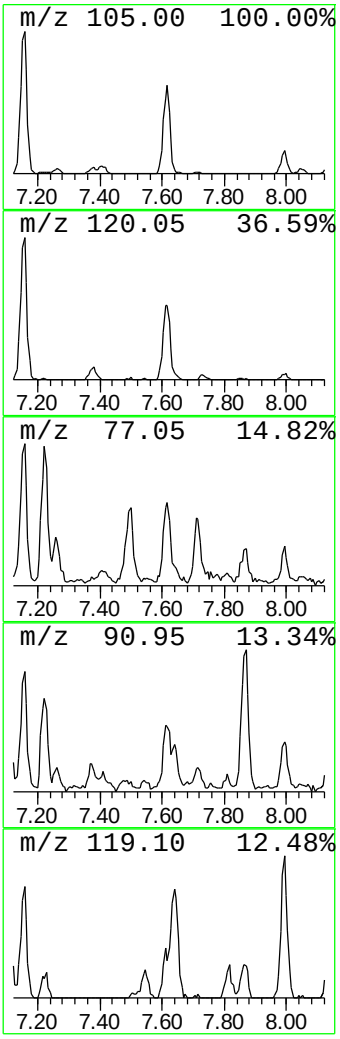
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.71 ng/ul	130313	1,4-Dichlorobenzene-d4	7.50

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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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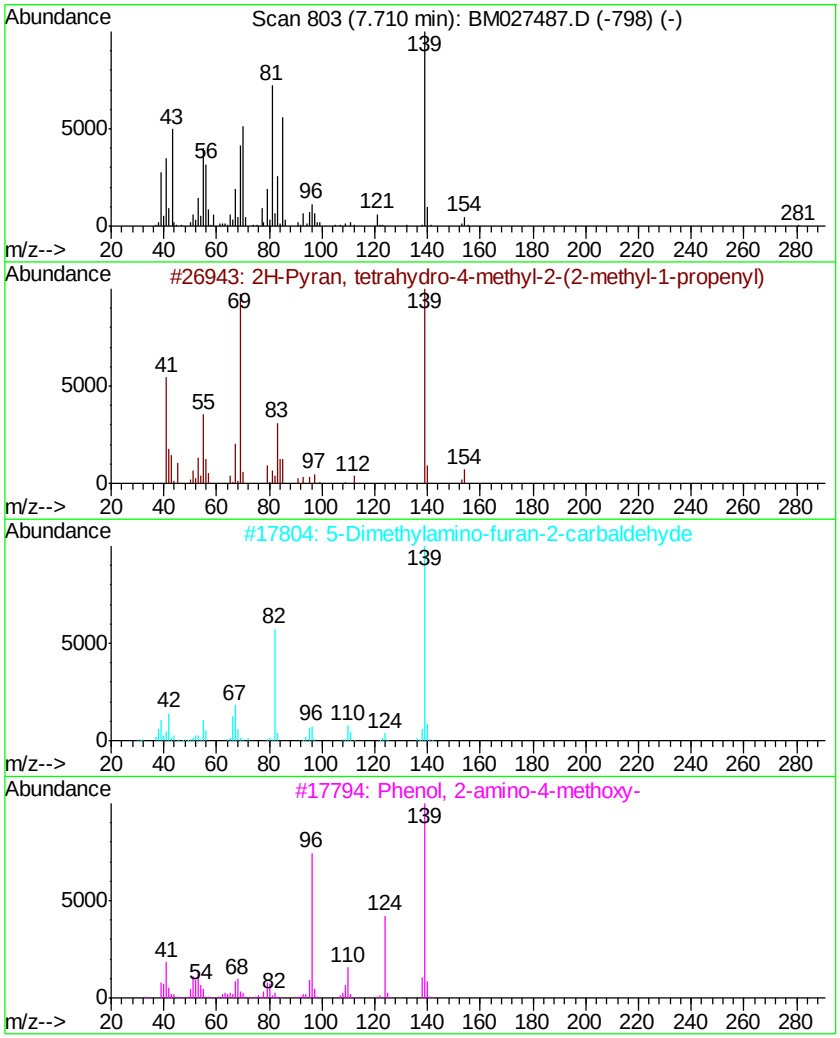
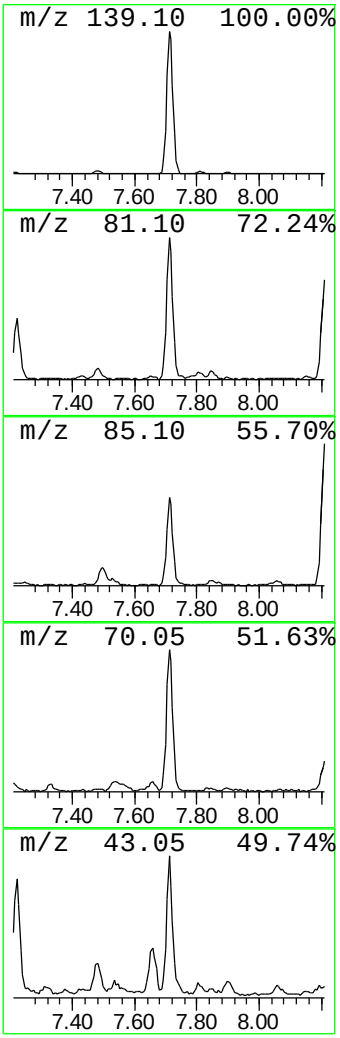
Peak Number 13 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	9.56 ng/ul	459517	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	37
2	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	25
3	Phenol, 2-amino-4-methoxy-	139	C7H9NO2	1000317-14-7	22
4	2H-Pyran, 2-[(6-chlorohexyl)oxy]...	220	C11H21ClO2	002009-84-9	14
5	Isonicotinic acid N-oxide	139	C6H5NO3	013602-12-5	14





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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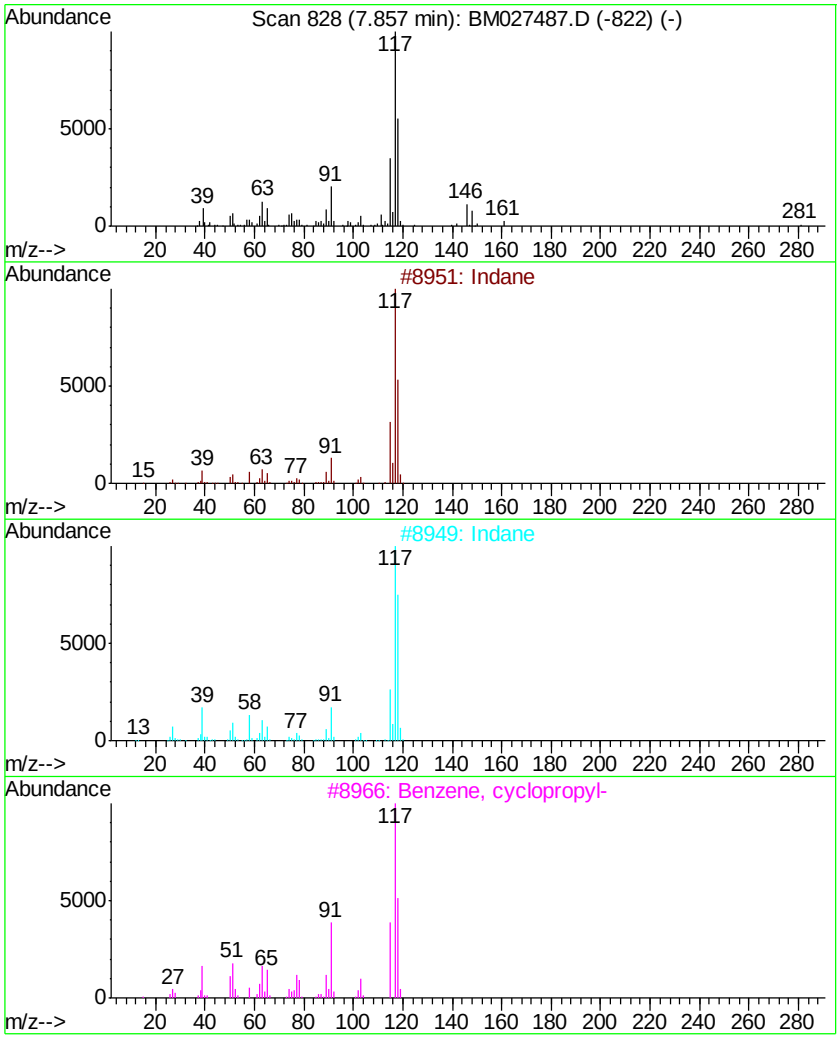
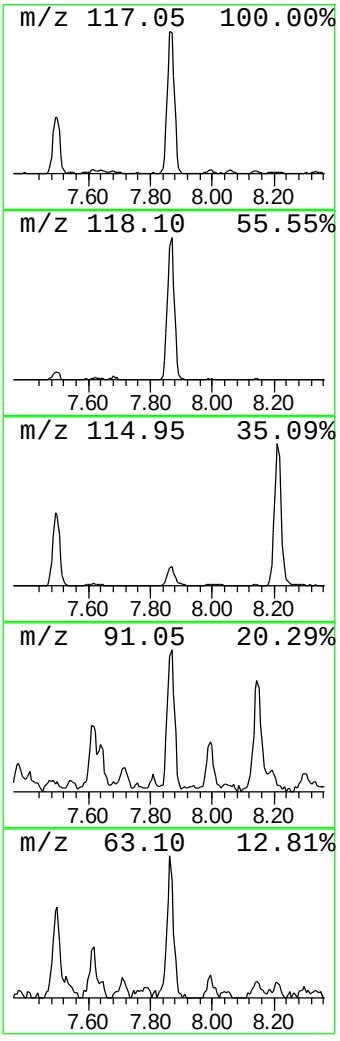
Peak Number 14 Indane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.44 ng/ul	261518	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Indane	118	C9H10	000496-11-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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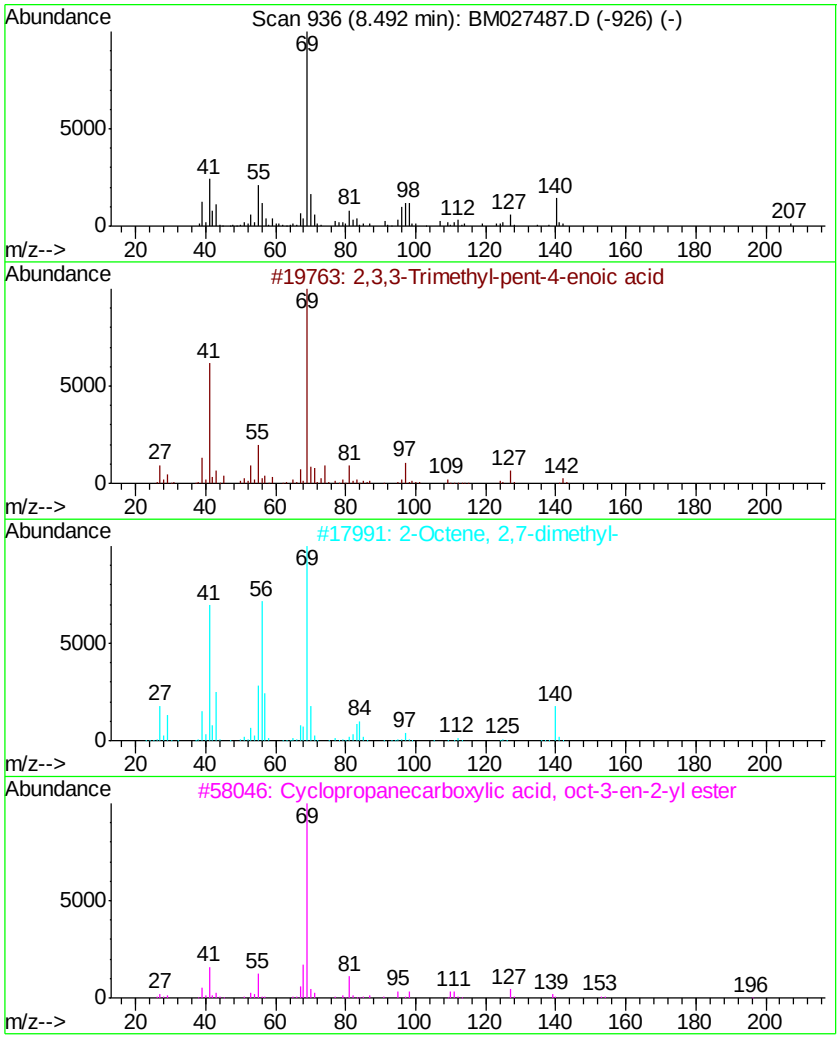
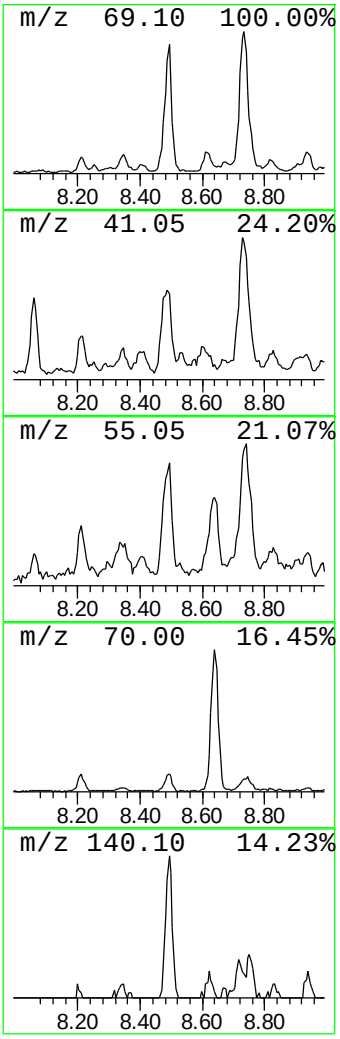
Peak Number 15 2,3,3-Trimethyl-pent-4-enoi... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.18 ng/ul	248844	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3-Trimethyl-pent-4-enoic acid	142	C8H14O2	061740-75-8	58
2	2-Octene, 2,7-dimethyl-	140	C10H20	002050-81-9	53
3	Cyclopropanecarboxylic acid, oct...	196	C12H20O2	1000299-37-7	50
4	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	50





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Misc :
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Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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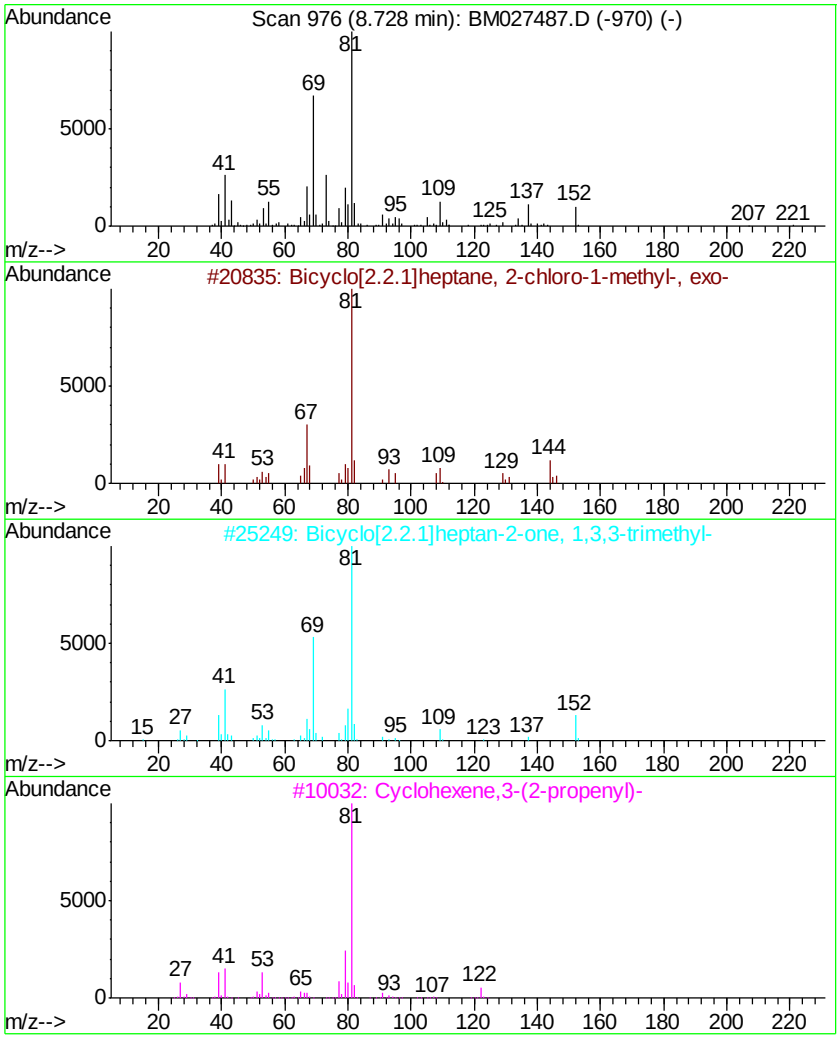
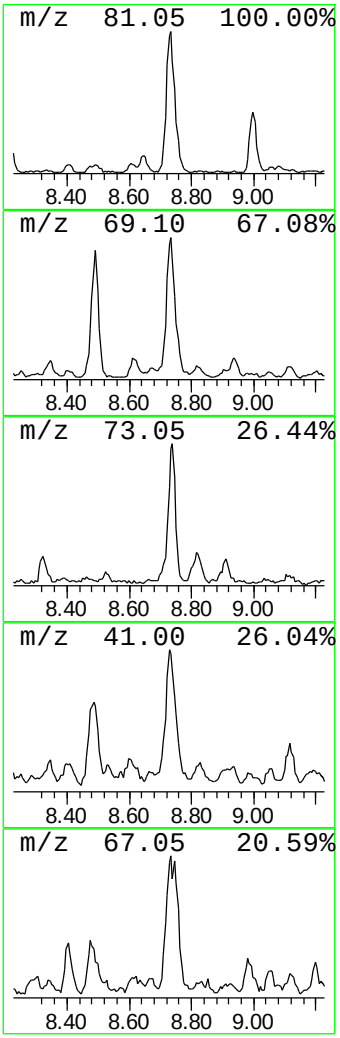
Peak Number 16 Bicyclo[2.2.1]heptane, 2-ch... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	11.22 ng/ul	539254	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-chloro-...	144	C8H13Cl	022768-96-3	50
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	49
3	Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	47
4	1-Propanone, 1-(3-cyclohexen-1-y...	166	C11H18O	016076-65-6	47
5	2,4-Decadienal	152	C10H16O	002363-88-4	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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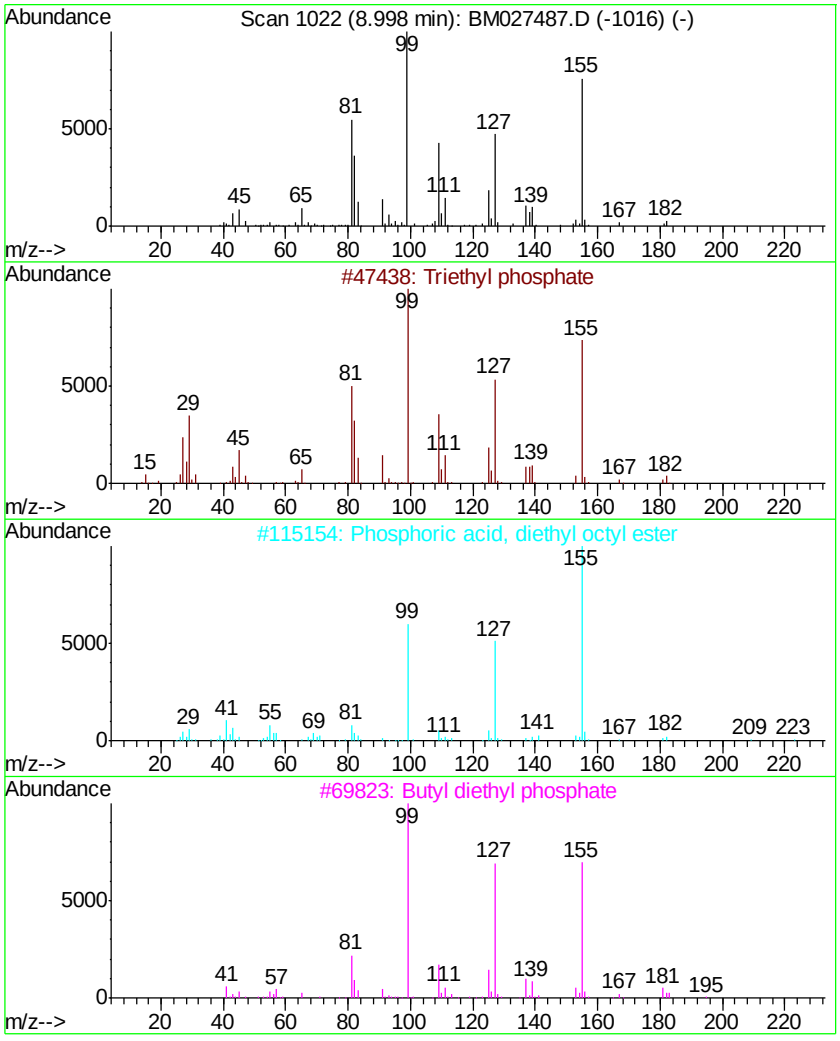
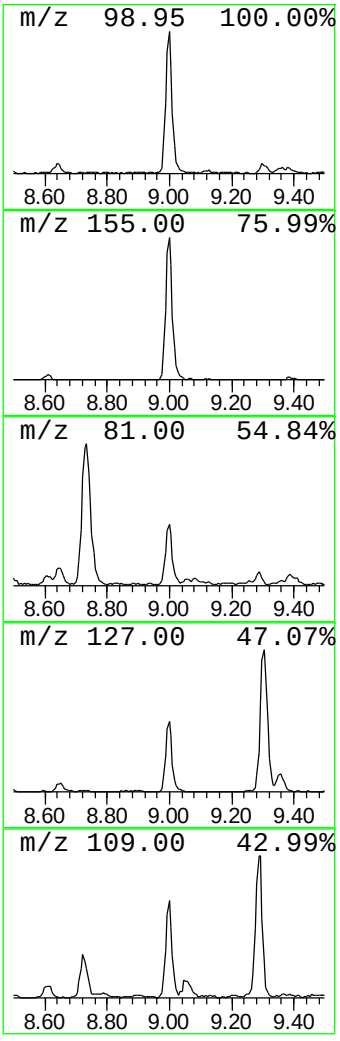
Peak Number 17 Triethyl phosphate Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.11 ng/ul	285497	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	64
2	Phosphoric acid, diethyl octyl e...	266	C12H27O4P	1000308-90-4	59
3	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	42
4	Triethyl phosphate	182	C6H15O4P	000078-40-0	38
5	Triethyl phosphate	182	C6H15O4P	000078-40-0	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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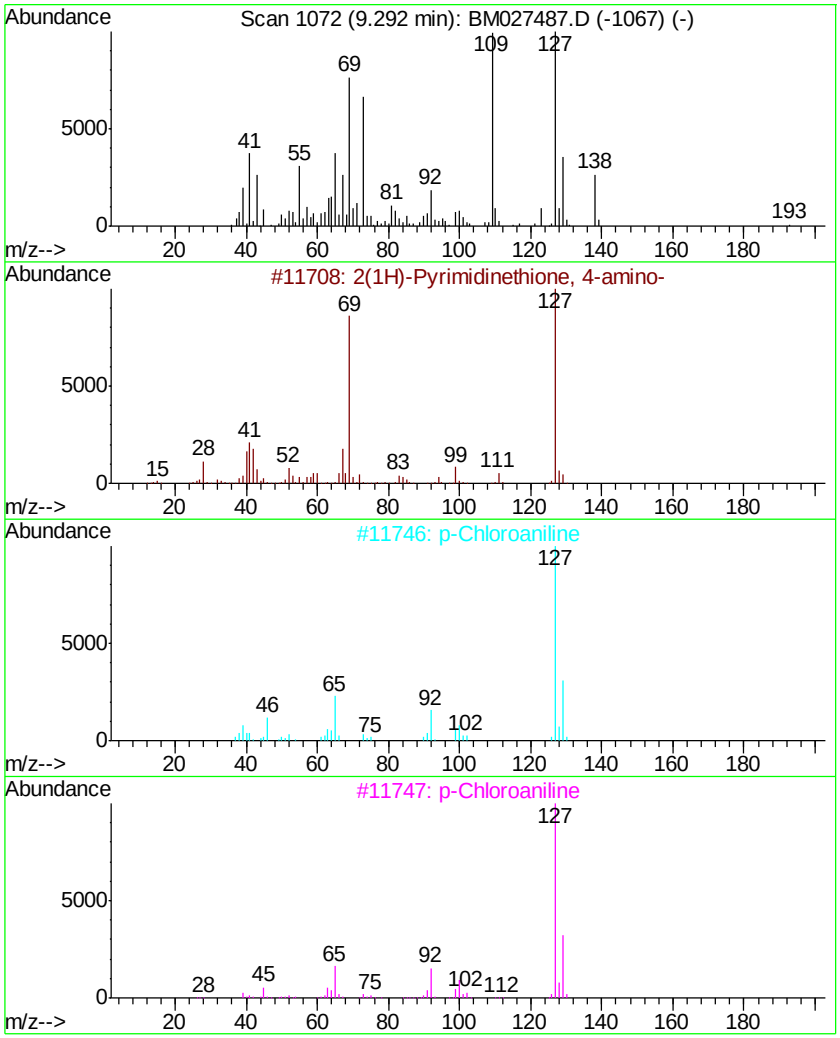
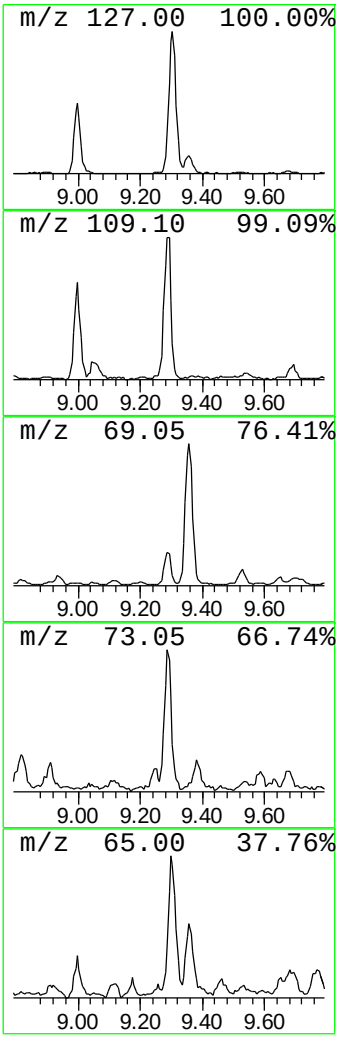
Peak Number 18 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	7.38 ng/ul	412740	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Pyrimidinethione, 4-amino-	127	C4H5N3S	000333-49-3	43
2	p-Chloroaniline	127	C6H6ClN	000106-47-8	38
3	p-Chloroaniline	127	C6H6ClN	000106-47-8	38
4	o-Chloroaniline	127	C6H6ClN	000095-51-2	38
5	4-(Chloromethyl)pyridine	127	C6H6ClN	010445-91-7	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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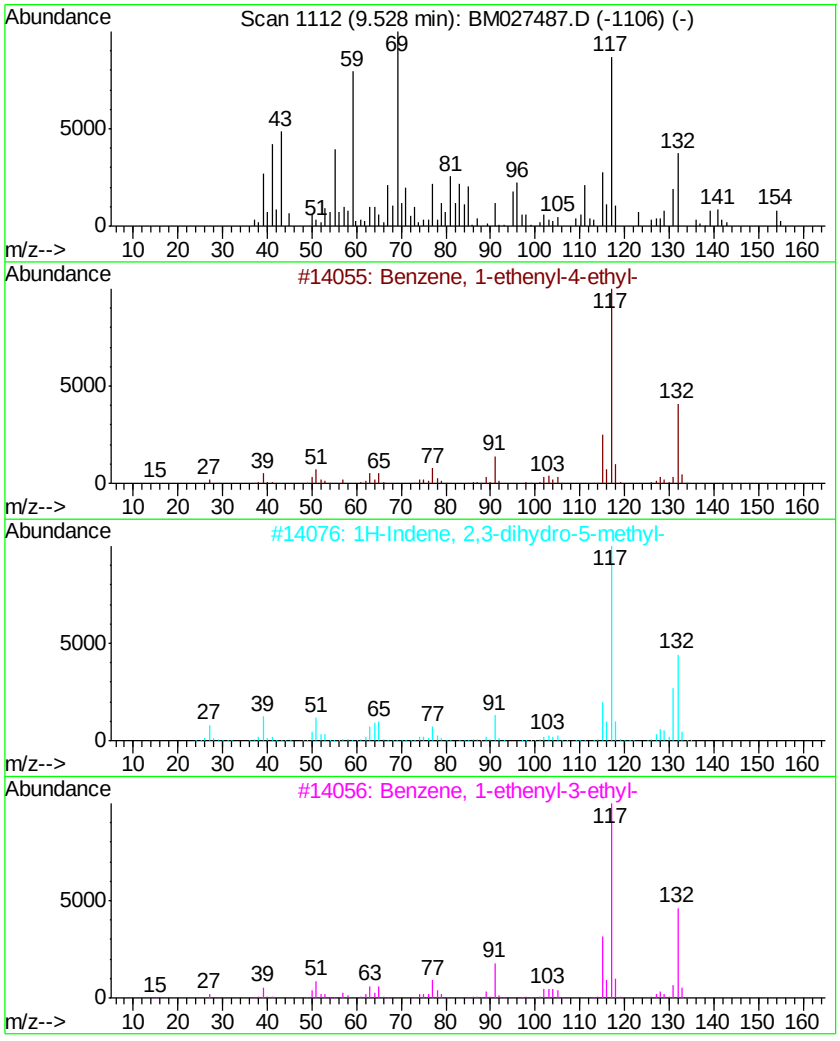
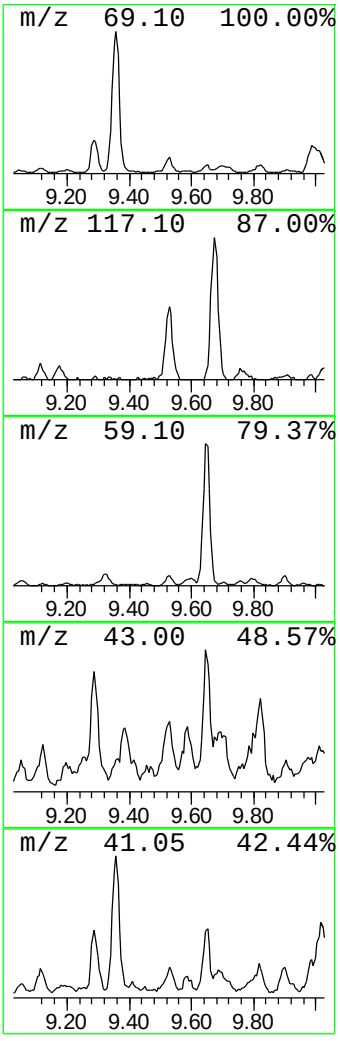
Peak Number 19 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.33 ng/ul	130494	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	38
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	30
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	25





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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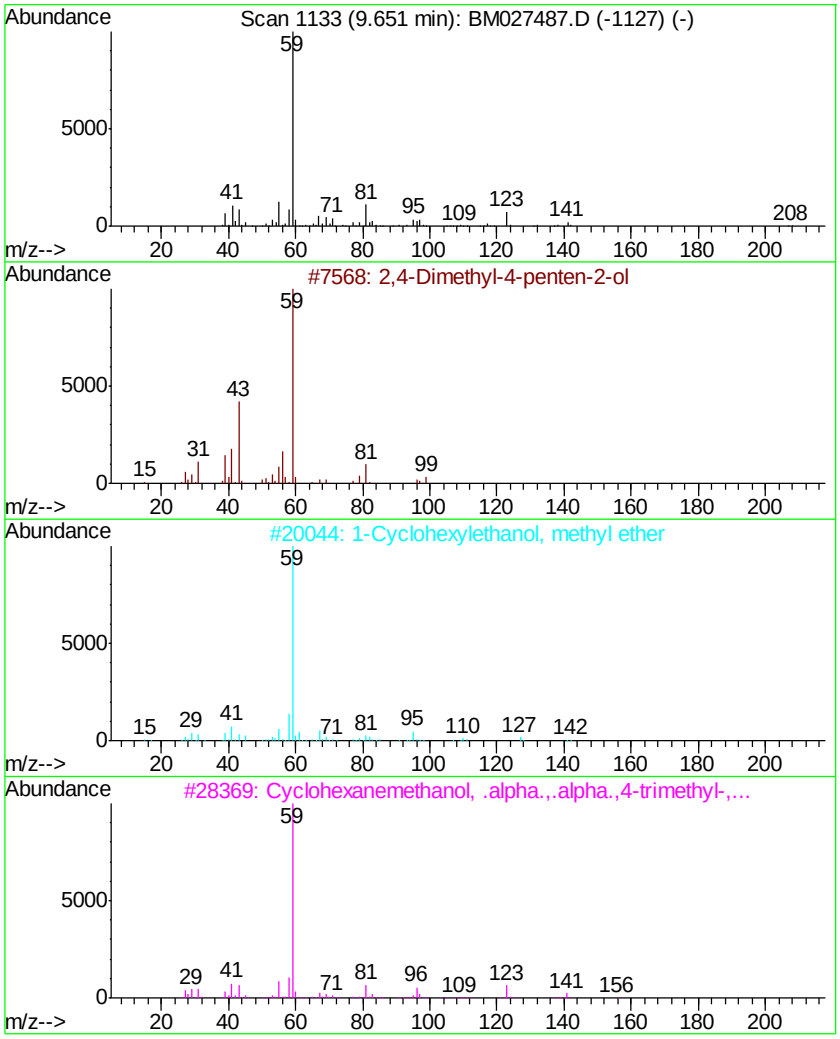
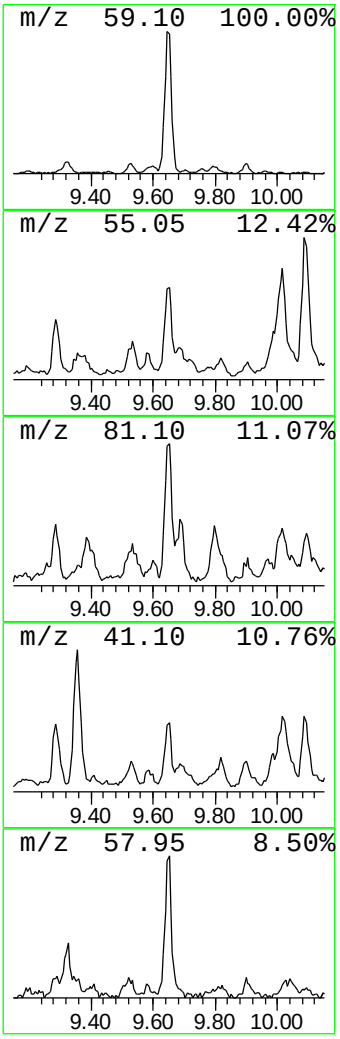
Peak Number 20 2,4-Dimethyl-4-penten-2-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	6.05 ng/ul	338229	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	64
2	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	59
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	56
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	56





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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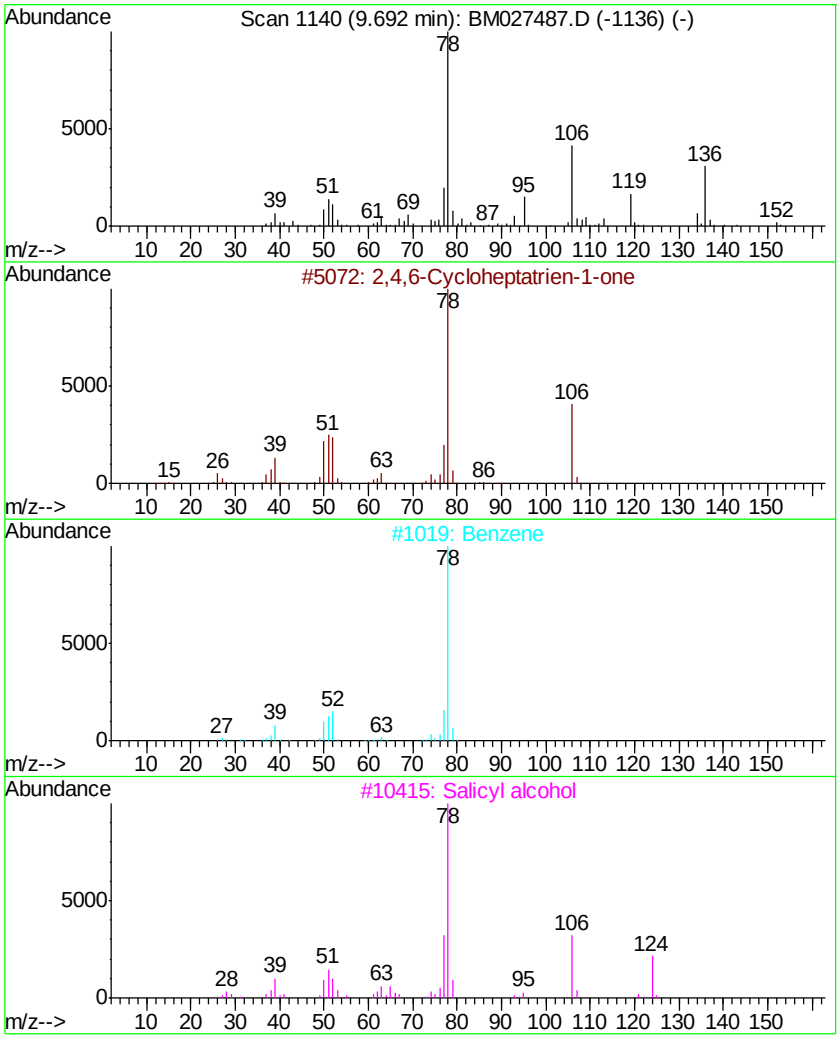
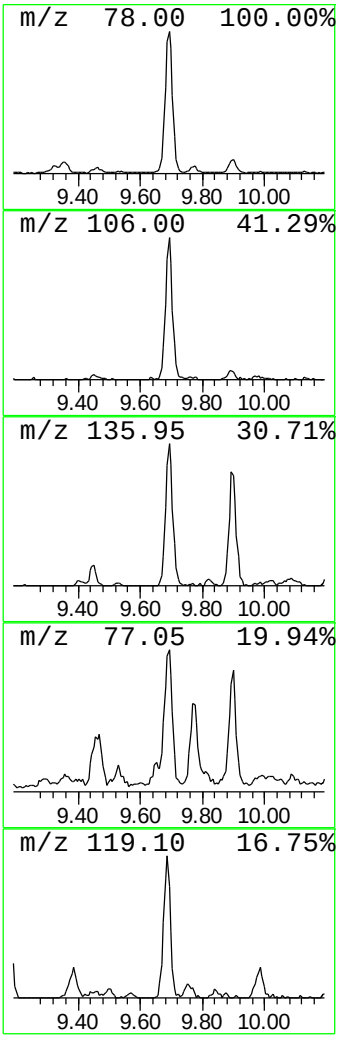
Peak Number 21 2,4,6-Cycloheptatrien-1-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	7.24 ng/ul	404683	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	72
2	Benzene	78	C6H6	000071-43-2	68
3	Salicyl alcohol	124	C7H8O2	000090-01-7	59
4	Benzene	78	C6H6	000071-43-2	59
5	Boronic acid, phenyl-	122	C6H7BO2	000098-80-6	59





Library Search Compound Report

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Acq On : 19 Sep 2020 07:05
Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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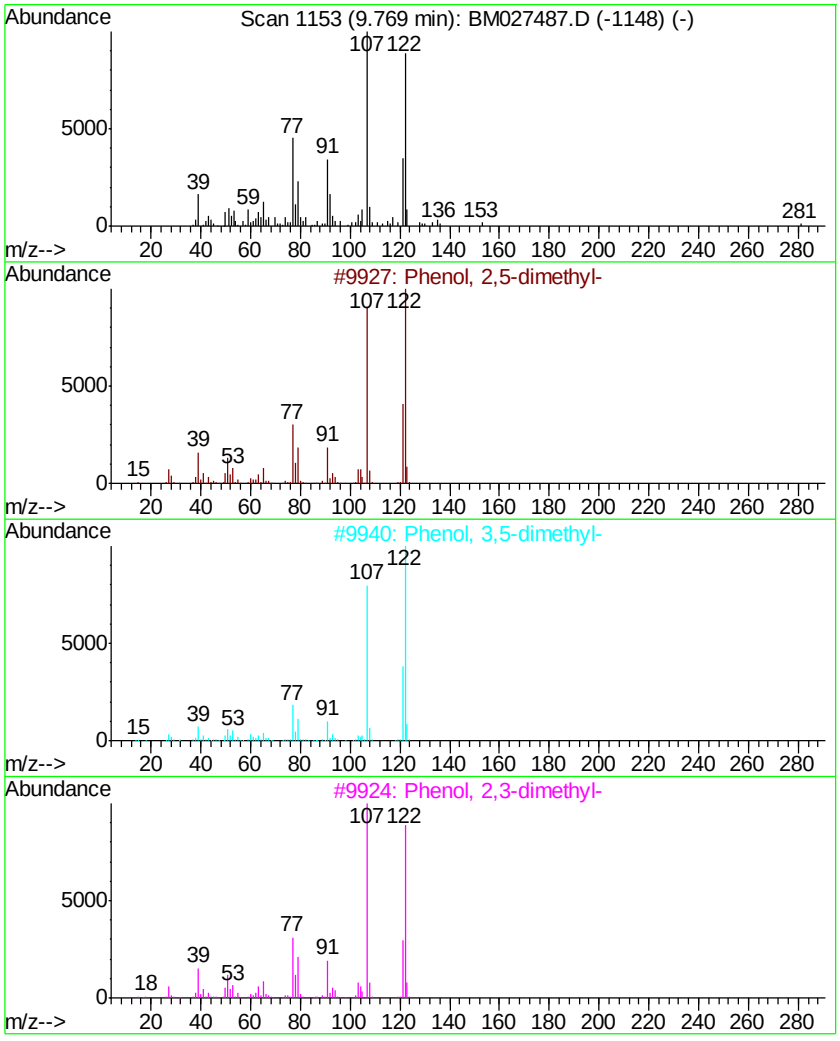
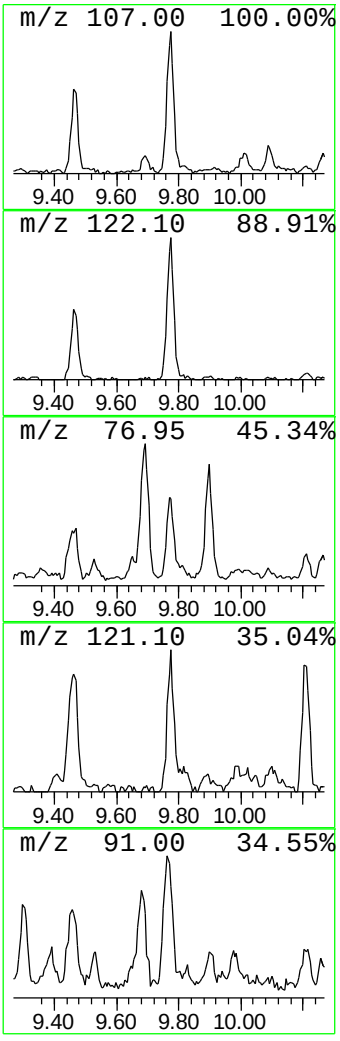
Peak Number 22 Phenol, 2,5-dimethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.87 ng/ul	160466	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	94
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94





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Sample : L4046-01
Misc :
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Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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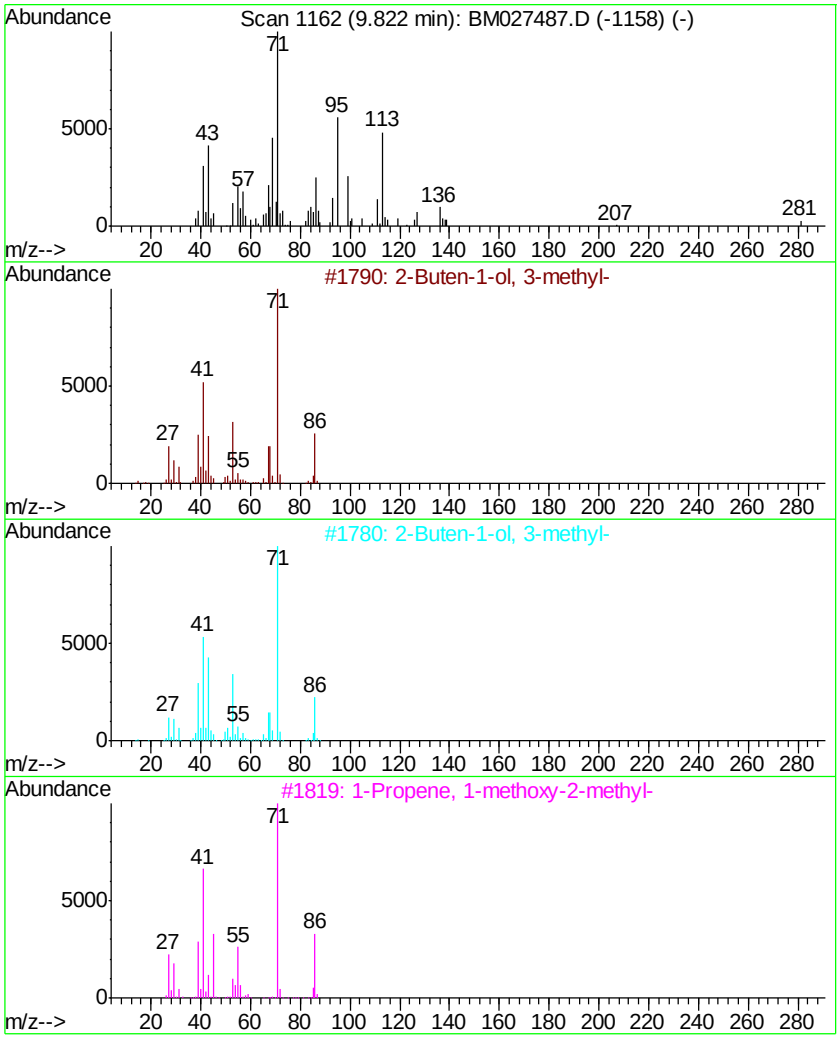
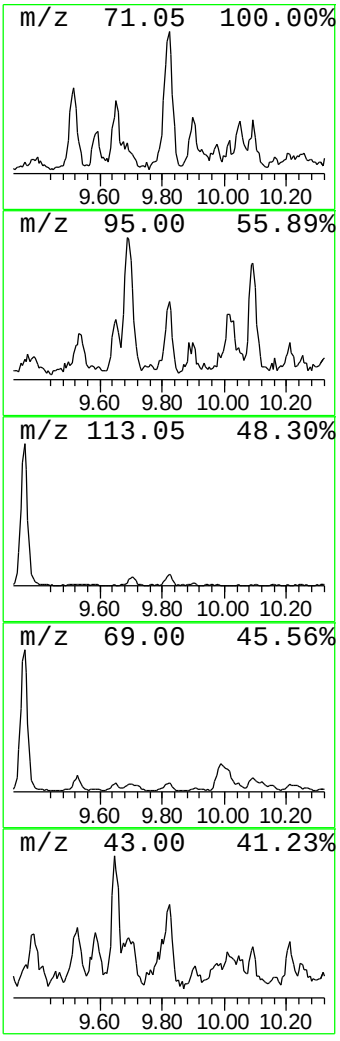
Peak Number 23 unknown-04 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.31 ng/ul	128950	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
2	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	35
3	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	30
4	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	30
5	(Z)-CH3CH2CH=CH(OCH3)	86	C5H10O	010034-12-5	27





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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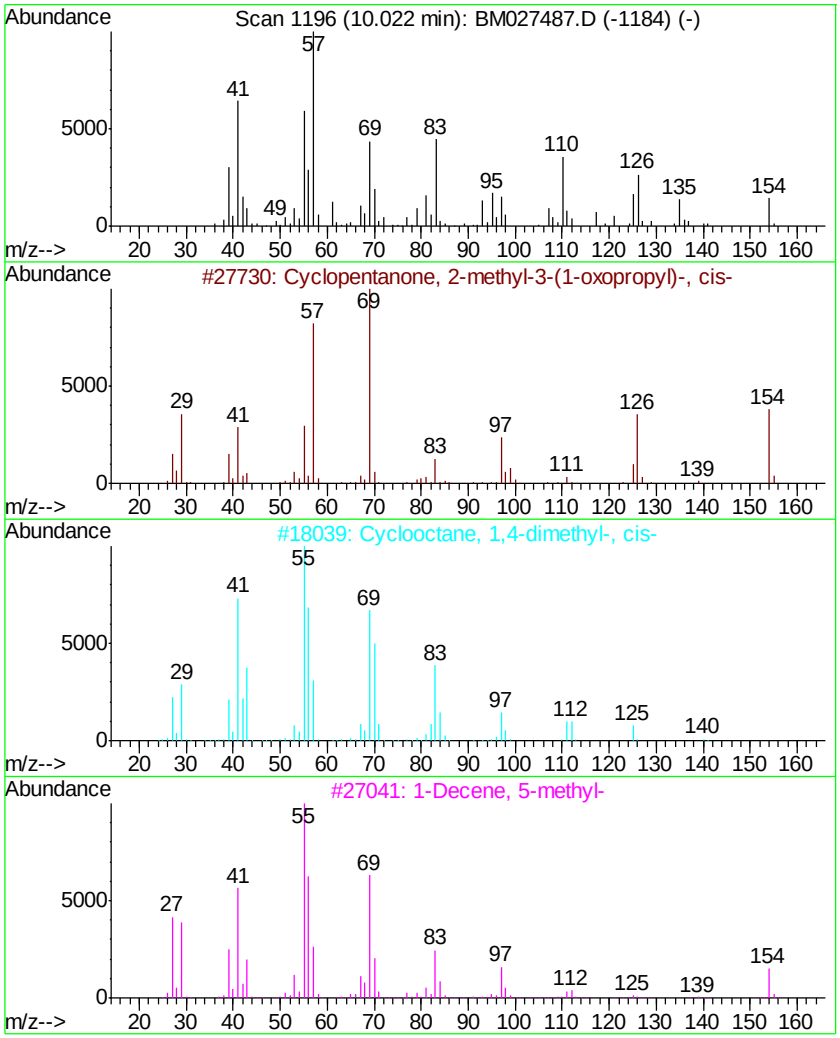
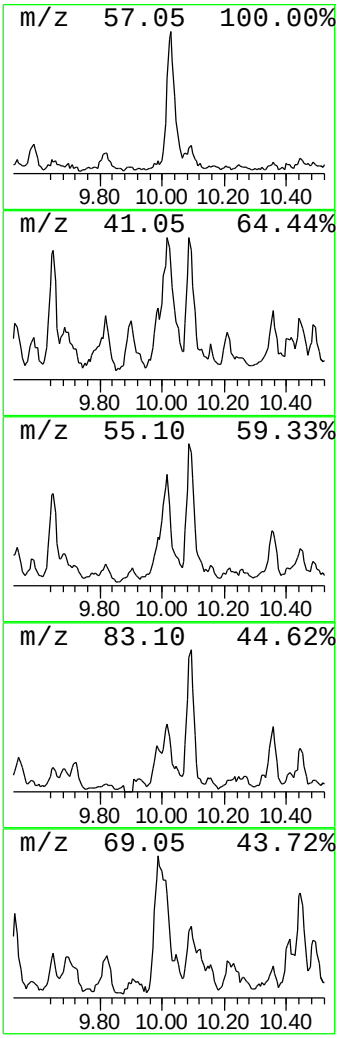
Peak Number 24 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	7.05 ng/ul	394159	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-3-(1-ox...	154	C9H14O2	079881-04-2	46
2	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	45
3	1-Decene, 5-methyl-	154	C11H22	054244-79-0	42
4	4-Nonene	126	C9H18	002198-23-4	38
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38





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Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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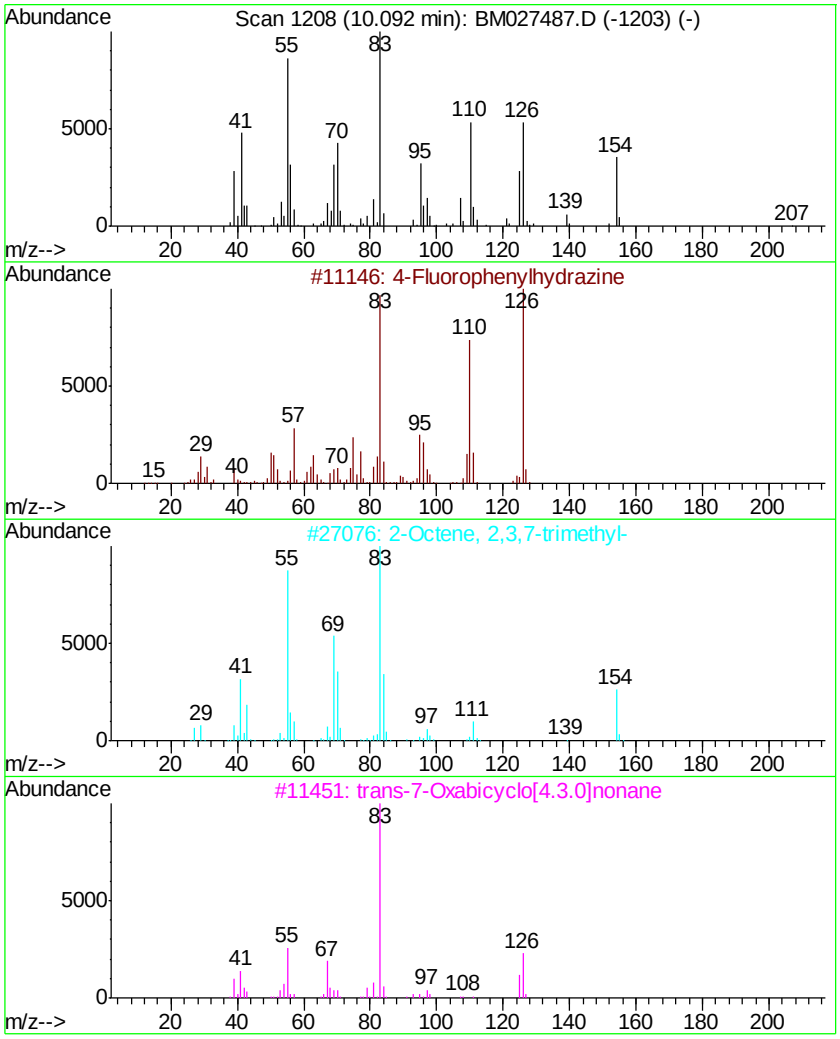
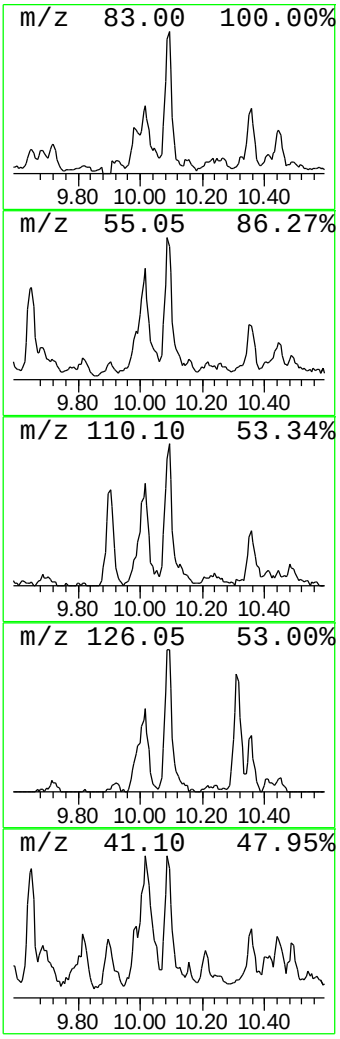
Peak Number 25 4-Fluorophenylhydrazine Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	4.48 ng/ul	250530	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorophenylhydrazine	126	C6H7FN2	000823-85-8	50
2	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	46
3	trans-7-Oxabicyclo[4.3.0]nonane	126	C8H14O	027345-70-6	38
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
5	2-Heptenal, 2-propyl-	154	C10H18O	034880-43-8	35





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Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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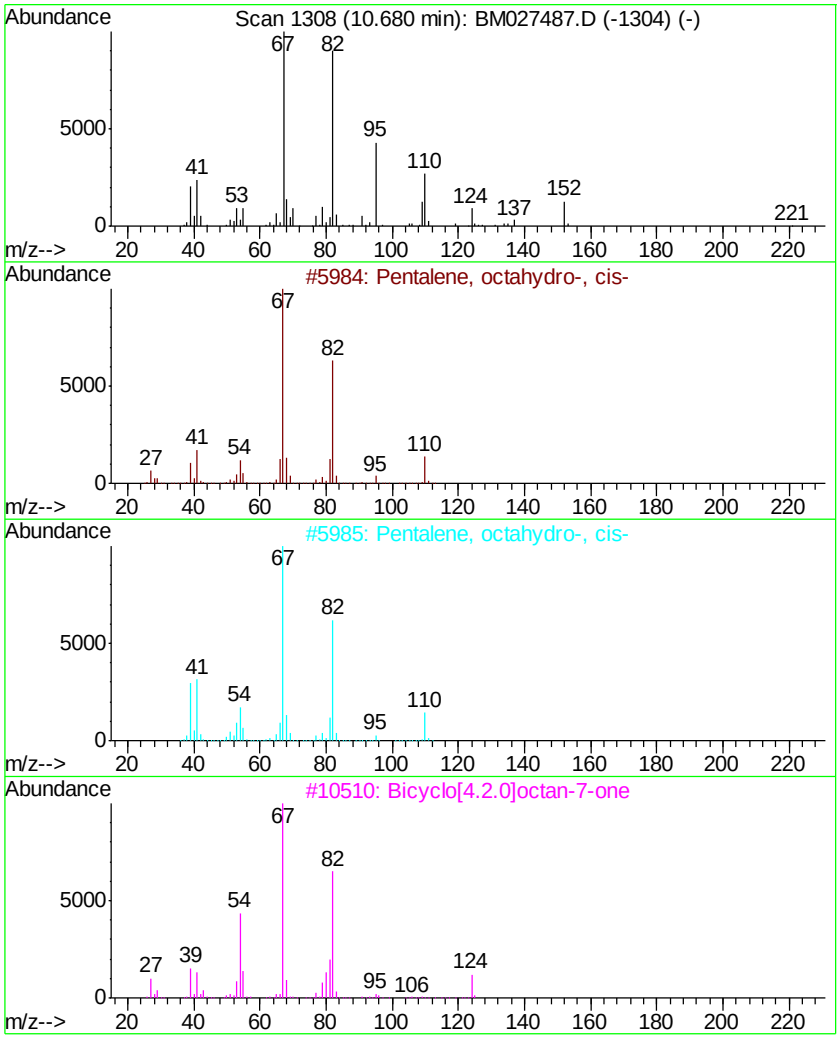
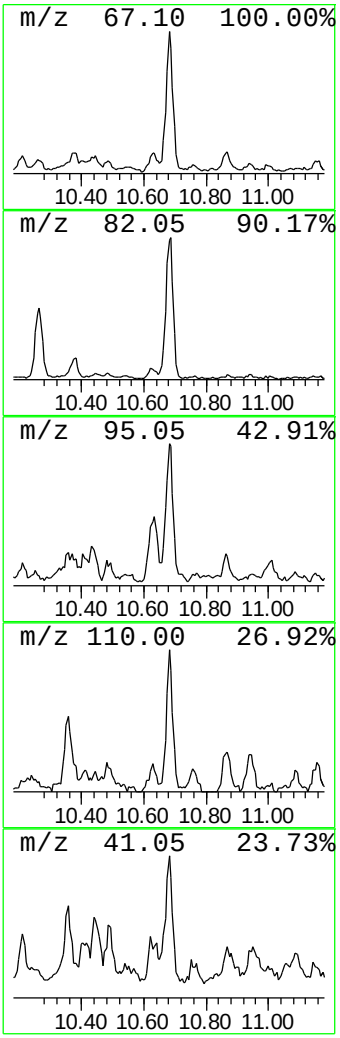
Peak Number 26 Pentalene, octahydro-, cis- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.30 ng/ul	240397	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	53
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	53
3	Bicyclo[4.2.0]octan-7-one	124	C8H12O	054211-18-6	50
4	Cyclopropane, 2-(1,1-dimethyl-2-...	138	C10H18	081051-15-2	47
5	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	47





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Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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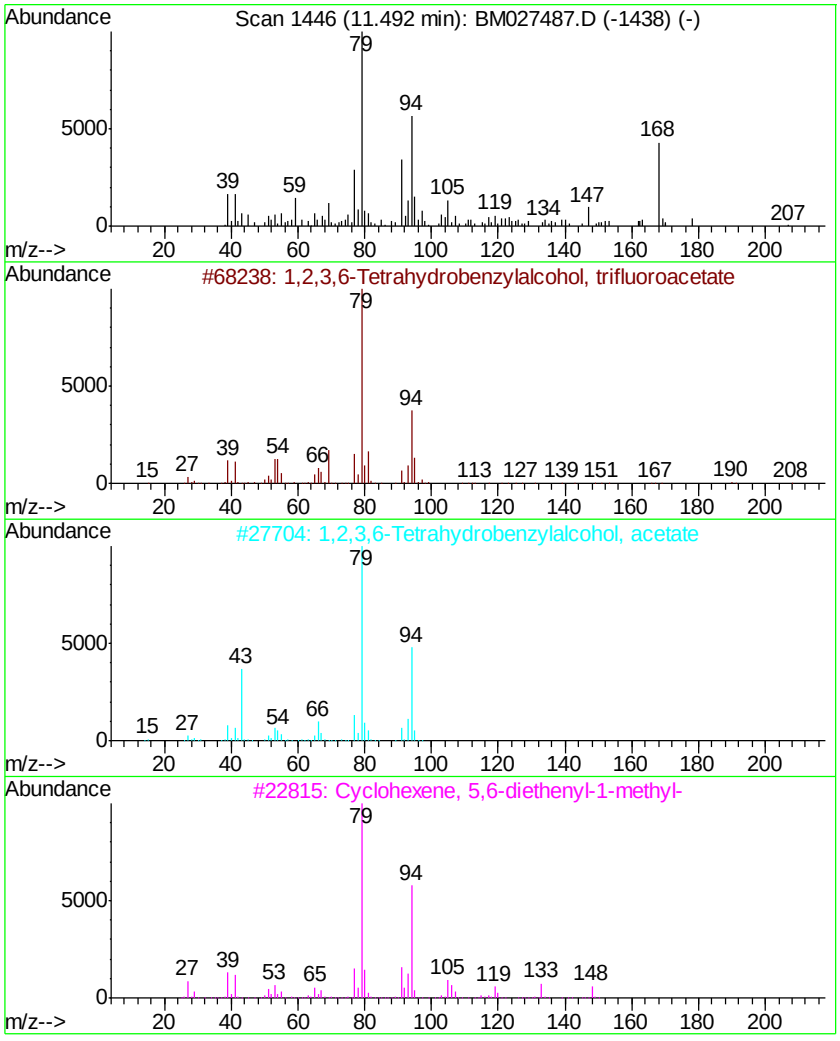
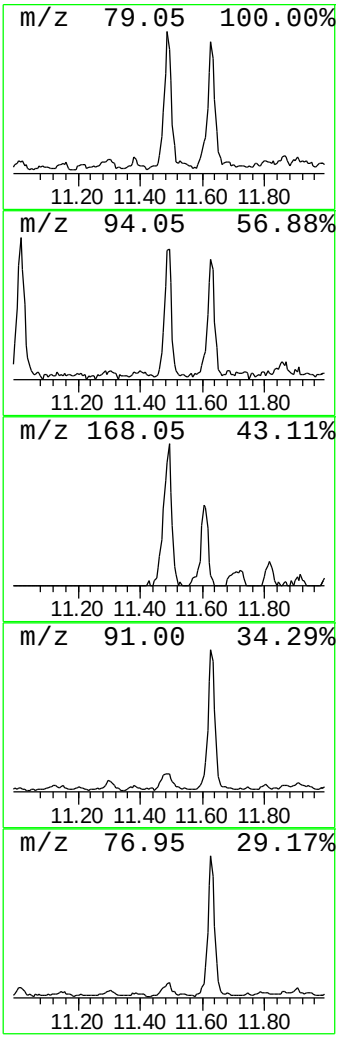
Peak Number 27 1,2,3,6-Tetrahydrobenzylalc... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	4.12 ng/ul	230299	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,6-Tetrahydrobenzylalcohol,...	208	C9H11F3O2	1000365-07-8	53
2	1,2,3,6-Tetrahydrobenzylalcohol,...	154	C9H14O2	1000365-58-6	50
3	Cyclohexene, 5,6-diethenyl-1-met...	148	C11H16	061141-78-4	50
4	1,3,5-Heptatriene, (E,E)-	94	C7H10	017679-93-5	49
5	1-Methylcyclohexa-1,3-diene	94	C7H10	1000298-96-0	49





Library Search Compound Report

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Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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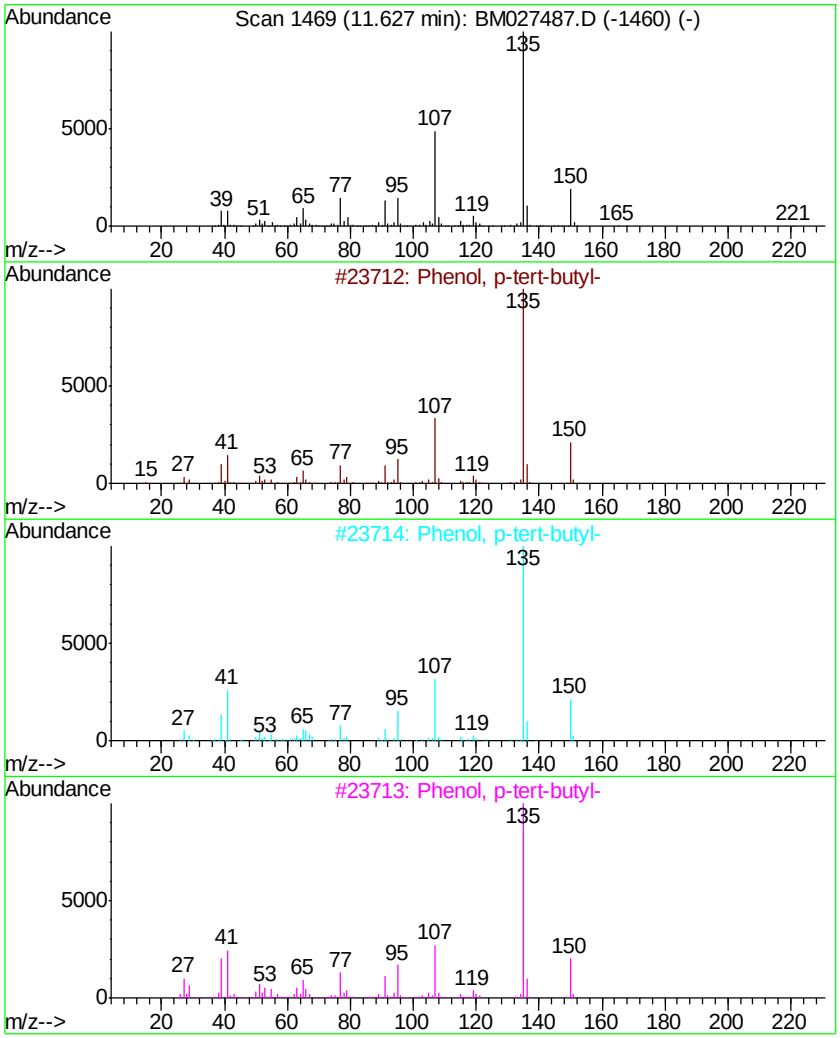
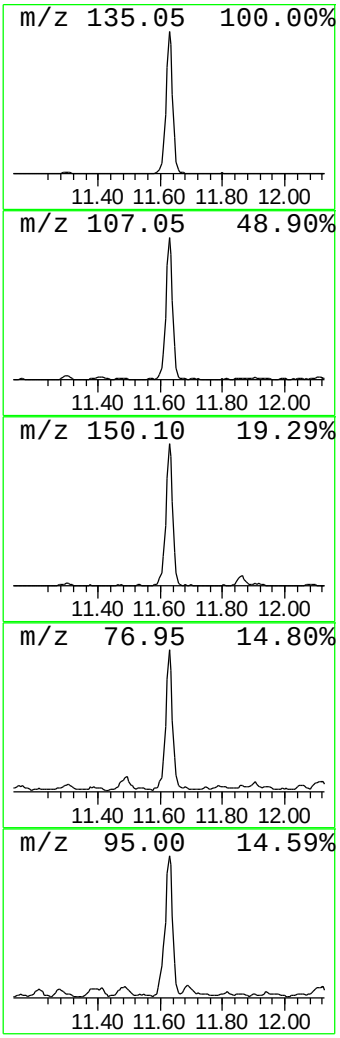
Peak Number 28 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	30.85 ng/ul	1725020	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	80
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	76





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Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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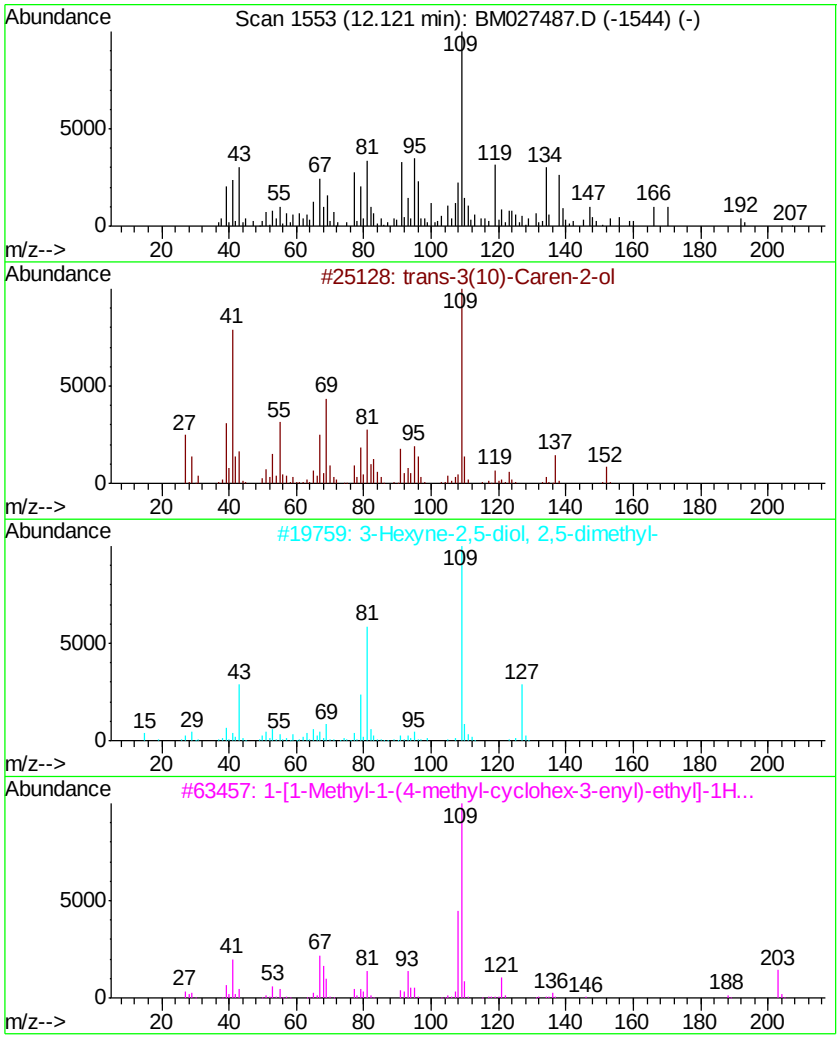
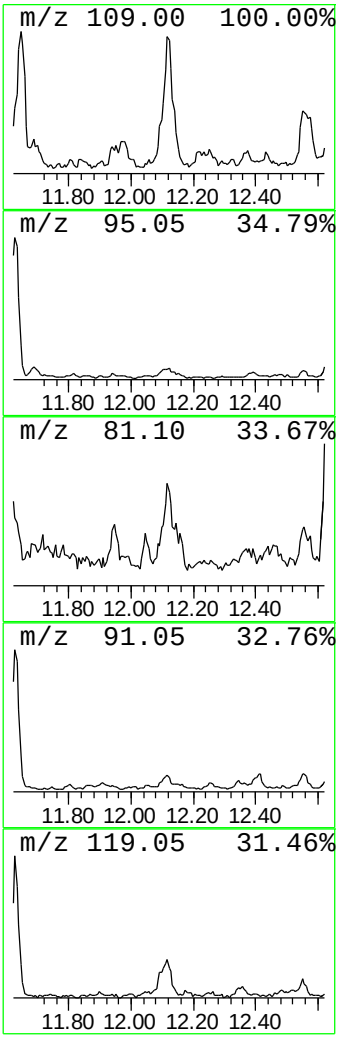
Peak Number 29 unknown-06 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.53 ng/ul	197345	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-3(10)-Caren-2-ol	152	C10H16O	1000151-66-5	27
2	3-Hexyne-2,5-diol, 2,5-dimethyl-	142	C8H14O2	000142-30-3	27
3	1-[1-Methyl-1-(4-methyl-cyclohex...	203	C14H21N	1000192-41-8	27
4	Cyclohexanemethanol, 3,3-dimethy...	212	C13H24O2	072541-28-7	25
5	Benzenamine, 4-(hexyloxy)-	193	C12H19NO	039905-57-2	22





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Misc :
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Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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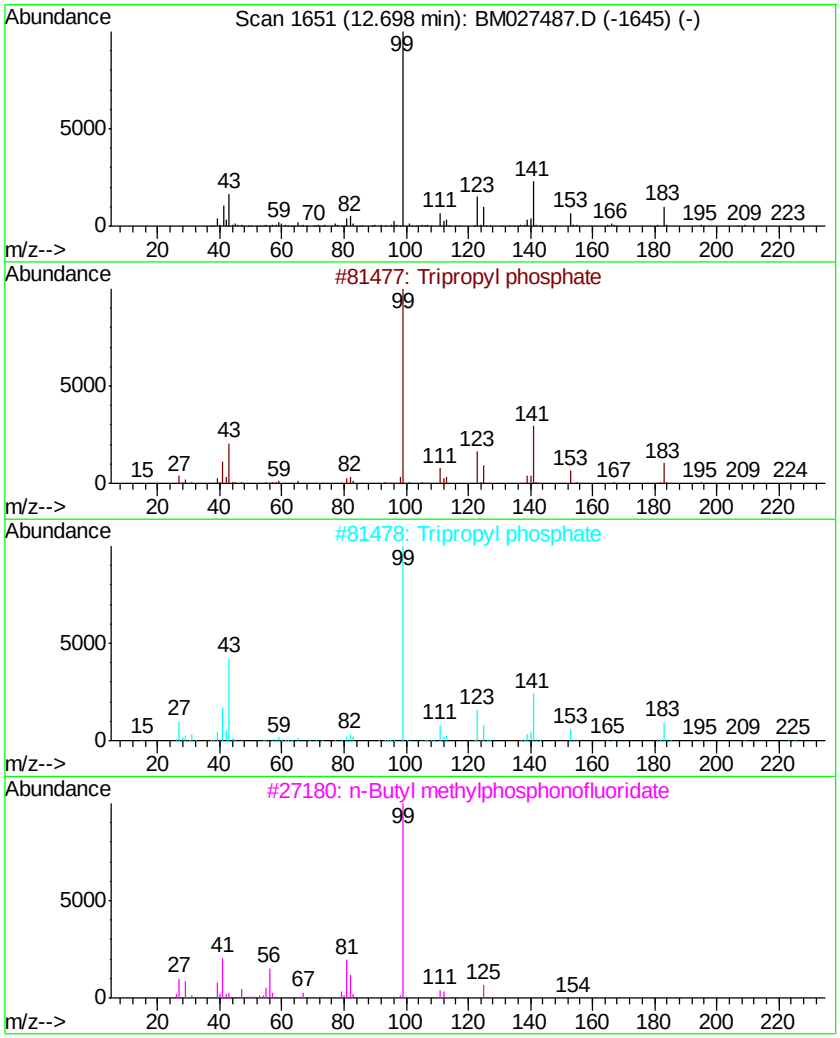
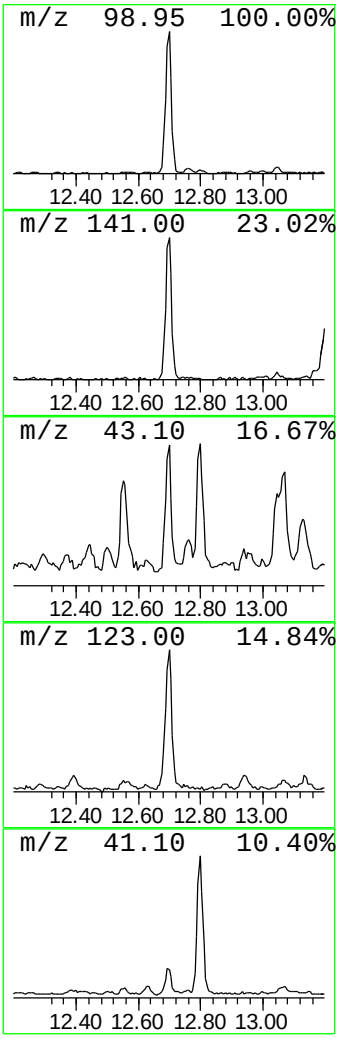
Peak Number 30 Tripropyl phosphate Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.47 ng/ul	342079	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tripropyl phosphate	224	C9H21O4P	000513-08-6	90
2	Tripropyl phosphate	224	C9H21O4P	000513-08-6	50
3	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	47
4	Tributyl phosphate	266	C12H27O4P	000126-73-8	33
5	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	25





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Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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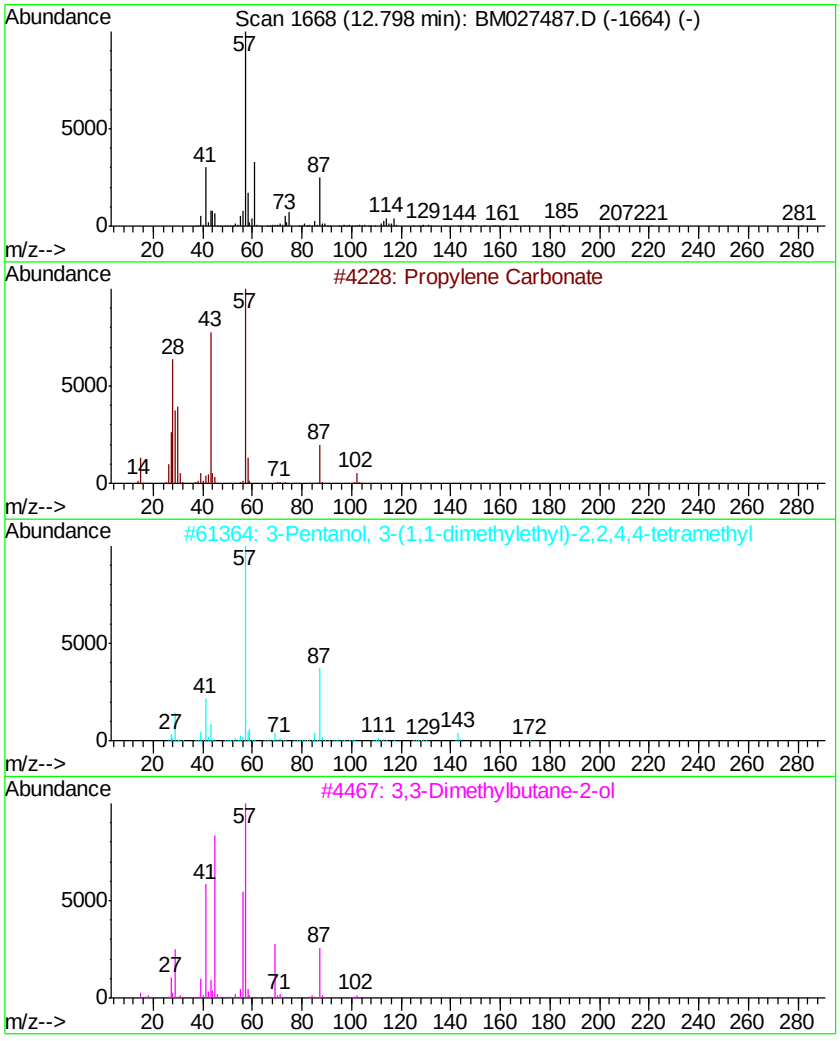
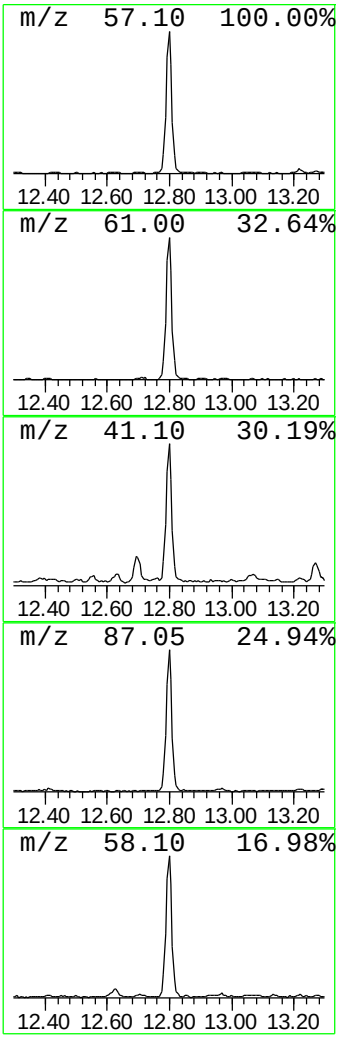
Peak Number 31 unknown-07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	6.64 ng/ul	653977	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Carbonate	102	C4H6O3	000108-32-7	23
2	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	17
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	17
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	17
5	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	17





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Sample : L4046-01
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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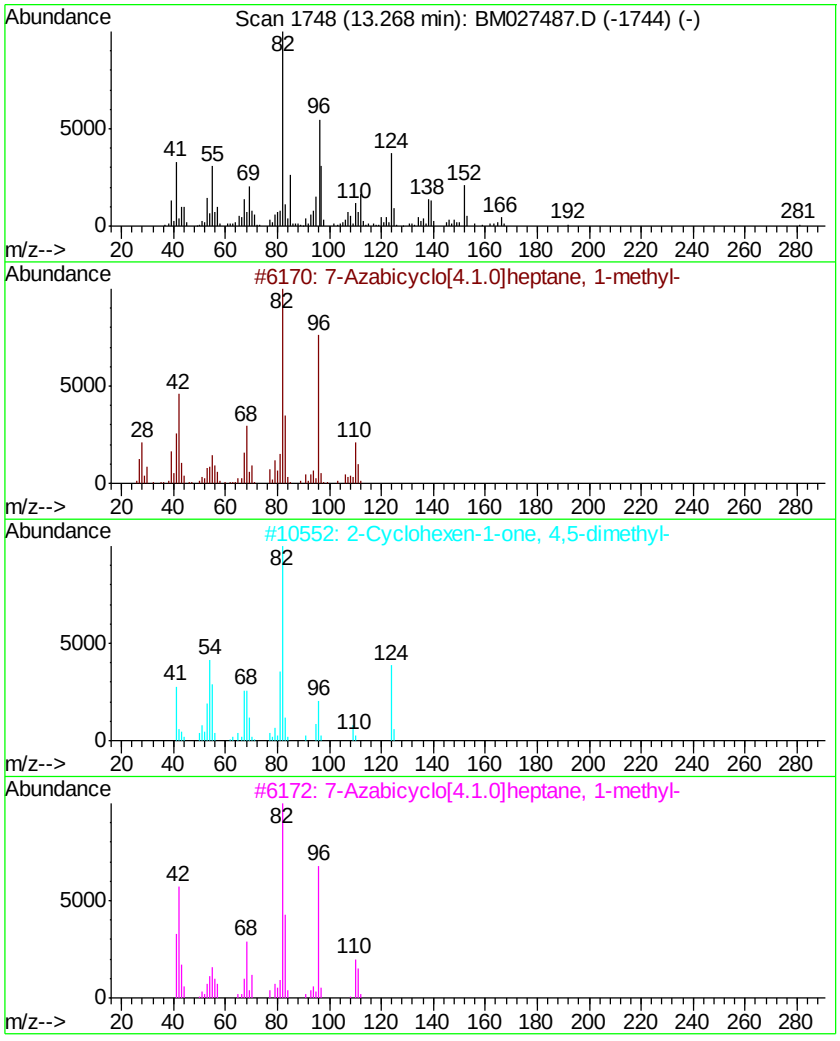
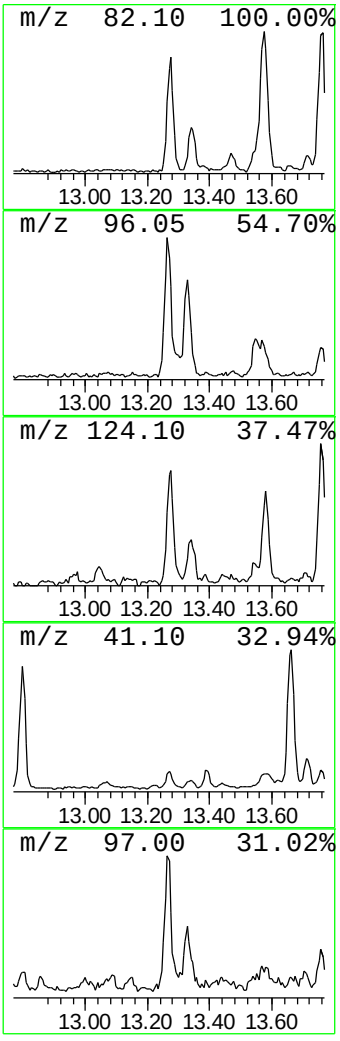
Peak Number 32 unknown-08 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.10 ng/ul	207100	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	43
2	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	43
3	7-Azabicyclo[4.1.0]heptane, 1-me...	111	C7H13N	025022-25-7	43
4	Methanamine, N-[3-methyl-2-buten...	97	C6H11N	1000196-86-4	38
5	Tropinone	139	C8H13NO	000532-24-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
Data File : BM027487.D
Acq On : 19 Sep 2020 07:05
Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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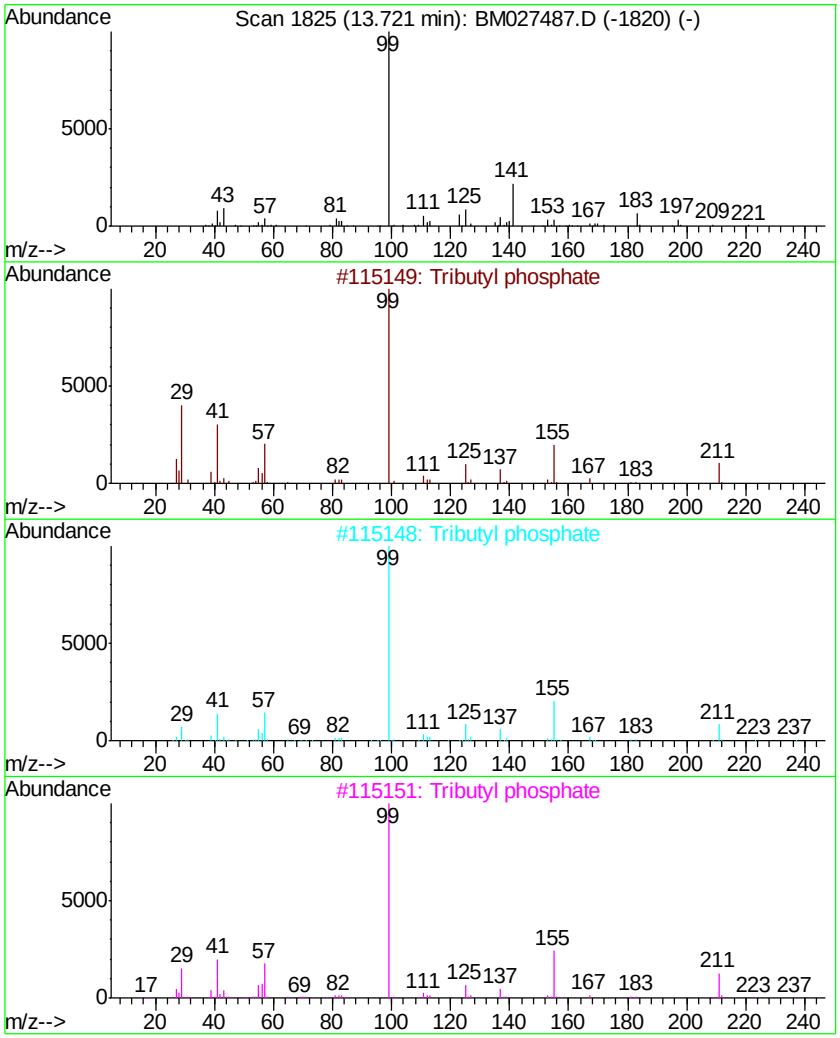
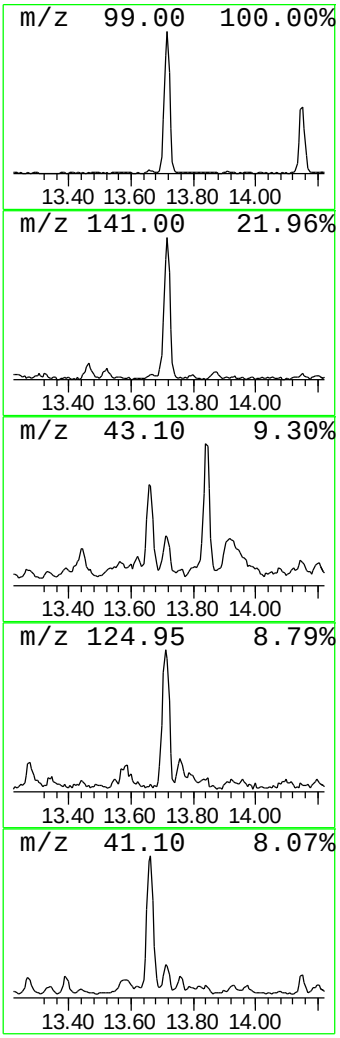
Peak Number 33 Tributyl phosphate Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.79 ng/ul	372819	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	53
2	Tributyl phosphate	266	C12H27O4P	000126-73-8	42
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	42
4	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	40
5	Phosphoric acid, dipropyl nonyl ...	308	C15H33O4P	1000309-01-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
Data File : BM027487.D
Acq On : 19 Sep 2020 07:05
Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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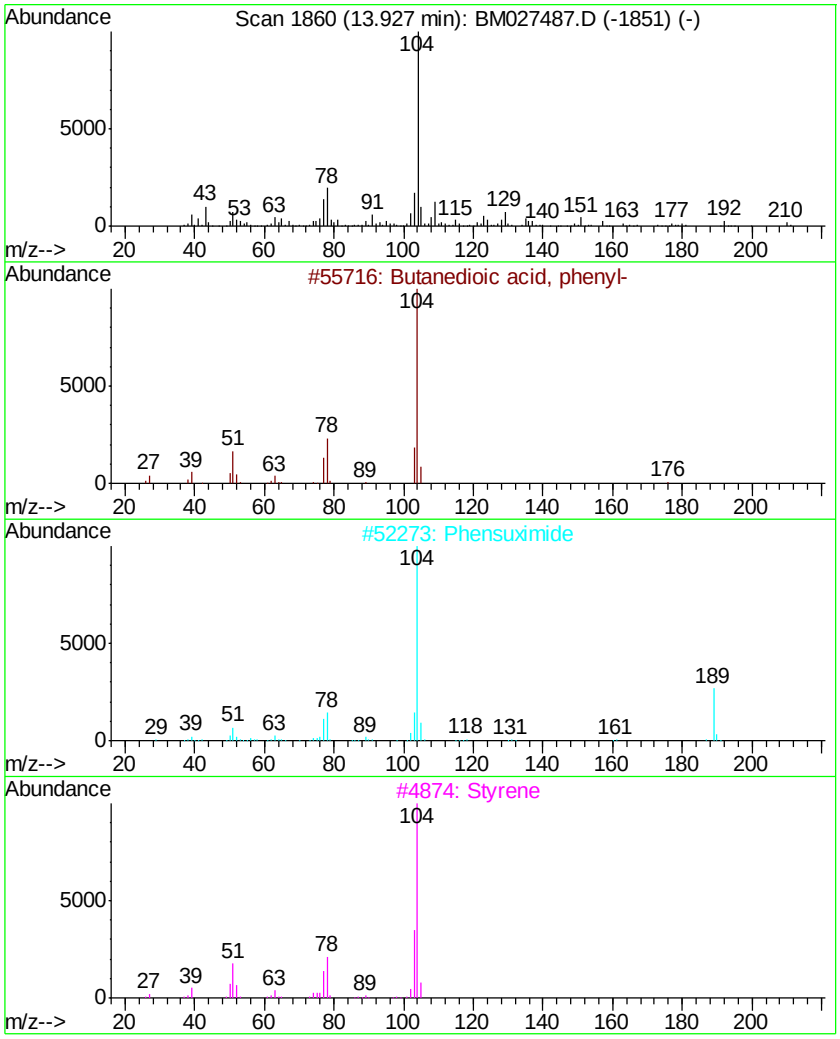
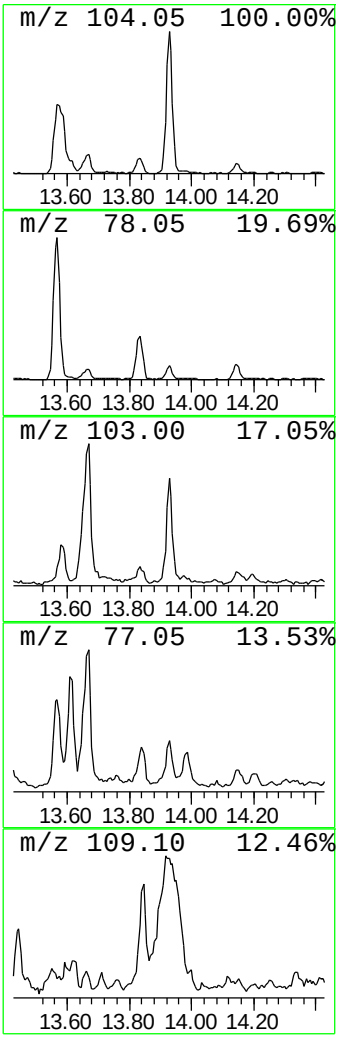
Peak Number 34 Butanedioic acid, phenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.70 ng/ul	560687	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
2	Phensuximide	189	C11H11NO2	000086-34-0	59
3	Styrene	104	C8H8	000100-42-5	58
4	Phensuximide	189	C11H11NO2	000086-34-0	50
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
Data File : BM027487.D
Acq On : 19 Sep 2020 07:05
Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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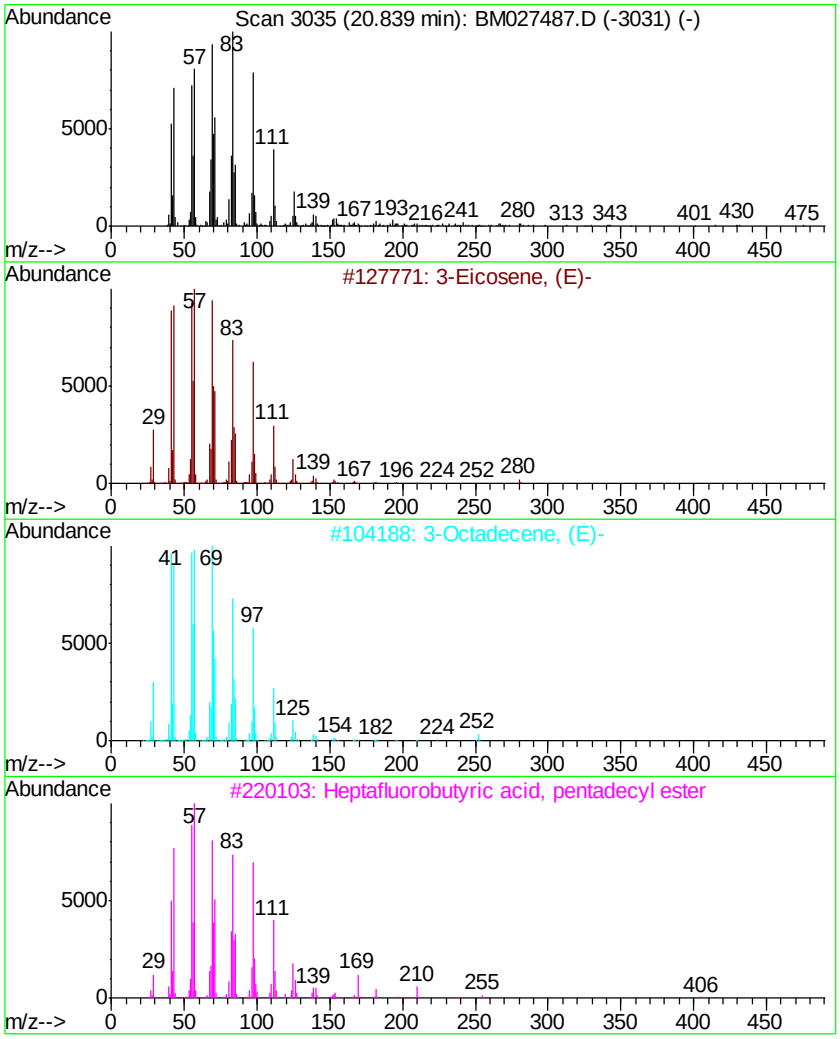
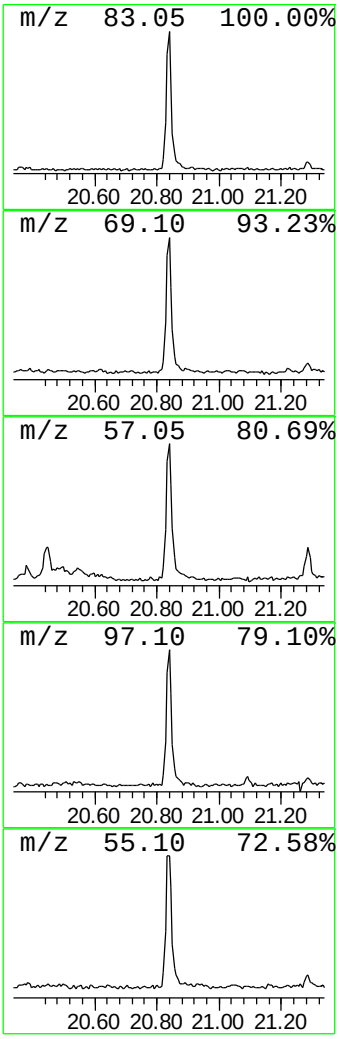
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	4.58 ng/ul	465933	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
5	1-Docosene	308	C22H44	001599-67-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091920\
Data File : BM027487.D
Acq On : 19 Sep 2020 07:05
Operator : JU/CG
Sample : L4046-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0N9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid, cyan...	4.99	3.0	ng/ul	145544	1	7.50	960935	20.0
Benzene, 1,3-dime...	5.18	14.4	ng/ul	690237	1	7.50	960935	20.0
4-Pentenoic acid,...	5.26	5.9	ng/ul	283942	1	7.50	960935	20.0
3-Octanone	6.19	14.1	ng/ul	675098	1	7.50	960935	20.0
Benzene, propyl-	6.50	7.6	ng/ul	364908	1	7.50	960935	20.0
Benzene, 1,2,3-tr...	7.16	4.6	ng/ul	222612	1	7.50	960935	20.0
3,6-Dimethyl-2,3,...	7.22	7.8	ng/ul	372774	1	7.50	960935	20.0
Benzene, 1-ethyl-...	7.62	2.7	ng/ul	130313	1	7.50	960935	20.0
unknown-01	7.71	9.6	ng/ul	459517	1	7.50	960935	20.0
Indane	7.86	5.4	ng/ul	261518	1	7.50	960935	20.0
2,3,3-Trimethyl-p...	8.49	5.2	ng/ul	248844	1	7.50	960935	20.0
Bicyclo[2.2.1]hep...	8.73	11.2	ng/ul	539254	1	7.50	960935	20.0
Triethyl phosphate	9.00	5.1	ng/ul	285497	2	10.26	1118370	20.0
unknown-02	9.29	7.4	ng/ul	412740	2	10.26	1118370	20.0
unknown-03	9.53	2.3	ng/ul	130494	2	10.26	1118370	20.0
2,4-Dimethyl-4-pe...	9.65	6.0	ng/ul	338229	2	10.26	1118370	20.0
2,4,6-Cycloheptat...	9.69	7.2	ng/ul	404683	2	10.26	1118370	20.0
Phenol, 2,5-dimet...	9.77	2.9	ng/ul	160466	2	10.26	1118370	20.0
unknown-04	9.82	2.3	ng/ul	128950	2	10.26	1118370	20.0
unknown-05	10.02	7.0	ng/ul	394159	2	10.26	1118370	20.0
4-Fluorophenylhyd...	10.09	4.5	ng/ul	250530	2	10.26	1118370	20.0
Pentalene, octahy...	10.68	4.3	ng/ul	240397	2	10.26	1118370	20.0
1,2,3,6-Tetrahydr...	11.49	4.1	ng/ul	230299	2	10.26	1118370	20.0
Phenol, p-tert-bu...	11.63	30.9	ng/ul	1725020	2	10.26	1118370	20.0
unknown-06	12.12	3.5	ng/ul	197345	2	10.26	1118370	20.0
Tripropyl phosphate	12.70	3.5	ng/ul	342079	3	14.14	1968820	20.0
unknown-07	12.80	6.6	ng/ul	653977	3	14.14	1968820	20.0
unknown-08	13.27	2.1	ng/ul	207100	3	14.14	1968820	20.0
Tributyl phosphate	13.72	3.8	ng/ul	372819	3	14.14	1968820	20.0
Butanedioic acid,...	13.93	5.7	ng/ul	560687	3	14.14	1968820	20.0
(DEL) Alkane: Str...	20.84	4.6	ng/ul	465933	5	21.09	2032500	20.0