LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092120\
Data File : BM027491.D
Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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	3.763	128	132	137	rVB	82254	100824	2.54%	0.191%
2	4.187	199	204	211	rVB	139406	210117	5.30%	0.399%
3	4.857	312	318	326	rVB	752664	1045613	26.37%	1.985%
4	4.993	336	341	346	rVV2	82013	115495	2.91%	0.219%
5	5.187	369	374	381	rVB2	107942	179574	4.53%	0.341%
6	5.463	416	421	427	rVB	50447	75357	1.90%	0.143%
7	5.804	472	479	486	rBV3	47328	99620	2.51%	0.189%
8	6.010	506	514	518	rBV2	84964	194879	4.92%	0.370%
9	6.192	541	545	551	rBV	53675	90860	2.29%	0.172%
10	6.245	551	554	558	rVV	63507	89993	2.27%	0.171%
11	6.492	590	596	602	rBV	47221	80443	2.03%	0.153%
12	6.687	621	629	641	rBV3	133355	307191	7.75%	0.583%
13	6.840	650	655	661	rVV	359487	557051	14.05%	1.057%
14	6.898	661	665	668	rVV	44075	70804	1.79%	0.134%
15	6.934	668	671	682	rVB2	90382	133383	3.36%	0.253%
16	7.034	682	688	697	rBV2	516624	859461	21.68%	1.631%
17	7.157	704	709	716	rVB3	47498	86674	2.19%	0.165%
18	7.492	759	766	771	rBV	486060	800273	20.18%	1.519%
19	7.610	782	786	792	rVB	47088	80920	2.04%	0.154%
20	7.863	821	829	836	rBV2	100255	174534	4.40%	0.331%
21	8.210	882	888	897	rVB	352420	546188	13.78%	1.037%
22	8.475	926	933	940	rBV7	37030	94709	2.39%	0.180%
23	8.592	946	953	956	rVV3	85640	150643	3.80%	0.286%
24	8.639	956	961	971	rVV	446795	773703	19.51%	1.469%
25	8.728	971	976	986	rVB8	54129	139375	3.52%	0.265%
26	8.822	986	992	1002	rBV	109075	223106	5.63%	0.424%
27	8.998	1016	1022	1028	rBV5	54083	101501	2.56%	0.193%
28	9.122	1037	1043	1049	rVB2	78375	125489	3.17%	0.238%
29	9.357	1077	1083	1095	rVB	402704	698898	17.63%	1.327%
30	9.539	1108	1114	1122	rBV4	105052	213354	5.38%	0.405%
31	9.686	1130	1139	1148	rBV10	48424	126298	3.19%	0.240%
32	9.816	1155	1161	1167	rVB	98422	189934	4.79%	0.361%
33	9.892	1167	1174	1183	rBV2	686149	1172176	29.57%	2.225%
34	10.086	1203	1207	1215	rVB3	49555	86888	2.19%	0.165%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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	10.263	1231	1237	1242	rBV	601885	938302	23.67%	1.781%
36	10.322	1242	1247	1250	rVV6	51481	109842	2.77%	0.209%
37	10.351	1250	1252	1255	rVV4	44480	61140	1.54%	0.116%
38	10.404	1255	1261	1273	rVB	597123	1134216	28.61%	2.153%
39	10.957	1350	1355	1359	rVV5	34903	60773	1.53%	0.115%
40	11.075	1368	1375	1384	rBV5	32912	115815	2.92%	0.220%
41	11.298	1409	1413	1423	rVB4	36441	87806	2.21%	0.167%
42	11.627	1460	1469	1476	rBV	2515249	3964709	100.00%	7.526%
43	12.116	1548	1552	1557	rVB3	44532	68839	1.74%	0.131%
44	12.186	1561	1564	1570	rVB2	66053	102011	2.57%	0.194%
45	12.392	1594	1599	1606	rVB2	67177	124416	3.14%	0.236%
46	12.698	1645	1651	1659	rVB	475371	687065	17.33%	1.304%
47	12.945	1687	1693	1698	rVV5	42655	93998	2.37%	0.178%
48	12.998	1698	1702	1709	rVB3	53646	104216	2.63%	0.198%
49	13.069	1709	1714	1724	rBV3	69043	142013	3.58%	0.270%
50	13.280	1744	1750	1756	rBV6	62052	147968	3.73%	0.281%
51	13.421	1771	1774	1781	rVB5	35820	81054	2.04%	0.154%
52	13.568	1792	1799	1804	rVV	1279619	1817185	45.83%	3.449%
53	13.616	1804	1807	1811	rVB2	64248	85275	2.15%	0.162%
54	13.751	1827	1830	1834	rBV4	48801	72258	1.82%	0.137%
55	13.833	1838	1844	1852	rVB	1373064	2052901	51.78%	3.897%
56	13.974	1863	1868	1877	rVB2	105160	195243	4.92%	0.371%
57	14.074	1881	1885	1891	rVB7	49671	76396	1.93%	0.145%
58	14.145	1891	1897	1902	rBV	1047472	1525777	38.48%	2.896%
59	14.198	1902	1906	1913	rVB	132672	192572	4.86%	0.366%
60	14.380	1927	1937	1941	rBV5	76981	194764	4.91%	0.370%
61	14.698	1988	1991	1995	rVB	54794	70161	1.77%	0.133%
62	14.910	2021	2027	2037	rBV	742810	977266	24.65%	1.855%
63	15.021	2042	2046	2048	rBV	48958	69866	1.76%	0.133%
64	15.057	2048	2052	2058	rVV4	105148	197840	4.99%	0.376%
65	15.145	2061	2067	2076	rVB	1772444	2529526	63.80%	4.802%
66	15.268	2083	2088	2096	rBV	546353	768272	19.38%	1.458%
67	15.404	2105	2111	2116	rVB	374840	477093	12.03%	0.906%
68	15.668	2149	2156	2164	rBV	1035599	1496680	37.75%	2.841%
69	15.851	2180	2187	2192	rBV	1223609	2027864	51.15%	3.849%
70	15.910	2192	2197	2203	rVB6	85354	215709	5.44%	0.409%
71	16.051	2217	2221	2233	rVB	176505	249097	6.28%	0.473%

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Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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-BM090420MA.M
Title : SVOA CALIBRATION

72	16.180	2238	2243	2248	rBV2	712129	1016904	25.65%	1.930%
73	16.433	2282	2286	2296	rVB4	98834	166446	4.20%	0.316%
74	16.768	2339	2343	2349	rBV	57734	84732	2.14%	0.161%
75	16.892	2358	2364	2370	rBV	1324675	1771067	44.67%	3.362%
76	16.992	2375	2381	2391	rBV	1984341	2780815	70.14%	5.279%
77	17.515	2465	2470	2476	rBV2	307771	463794	11.70%	0.880%
78	17.580	2476	2481	2487	rVV	468237	614606	15.50%	1.167%
79	17.821	2518	2522	2525	rBV	110191	145982	3.68%	0.277%
80	17.862	2526	2529	2533	rVB	75532	97932	2.47%	0.186%
81	18.086	2564	2567	2574	rVB	60477	94915	2.39%	0.180%
82	18.251	2591	2595	2600	rVB	134842	172872	4.36%	0.328%
83	18.580	2649	2651	2657	rVB2	51254	64463	1.63%	0.122%
84	18.845	2692	2696	2700	rVB3	55043	66830	1.69%	0.127%
85	18.892	2701	2704	2707	rBV	53372	68369	1.72%	0.130%
86	19.045	2728	2730	2736	rVB	107622	127597	3.22%	0.242%
87	19.292	2767	2772	2778	rBV	2298581	3156402	79.61%	5.992%
88	19.356	2779	2783	2791	rVB	488643	650170	16.40%	1.234%
89	19.515	2807	2810	2815	rBV	91978	112480	2.84%	0.214%
90	19.603	2821	2825	2836	rVB2	209422	301429	7.60%	0.572%
91	19.756	2849	2851	2856	rVB	74317	85823	2.16%	0.163%
92	19.809	2857	2860	2864	rVB5	71447	82650	2.08%	0.157%
93	20.045	2897	2900	2904	rVB2	106399	119446	3.01%	0.227%
94	20.362	2951	2954	2959	rBV2	190308	230015	5.80%	0.437%
95	20.839	3032	3035	3044	rBV3	100755	135800	3.43%	0.258%
96	21.097	3074	3079	3084	rVB	1416711	1758038	44.34%	3.337%
97	21.227	3098	3101	3106	rVB	103886	124183	3.13%	0.236%
98	22.127	3251	3254	3262	rVB2	214630	341709	8.62%	0.649%
99	23.103	3414	3420	3428	rVB	1602788	2741259	69.14%	5.203%
100	23.233	3437	3442	3457	rVB	991884	1793106	45.23%	3.404%

Sum of corrected areas: 52681090

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Misc :
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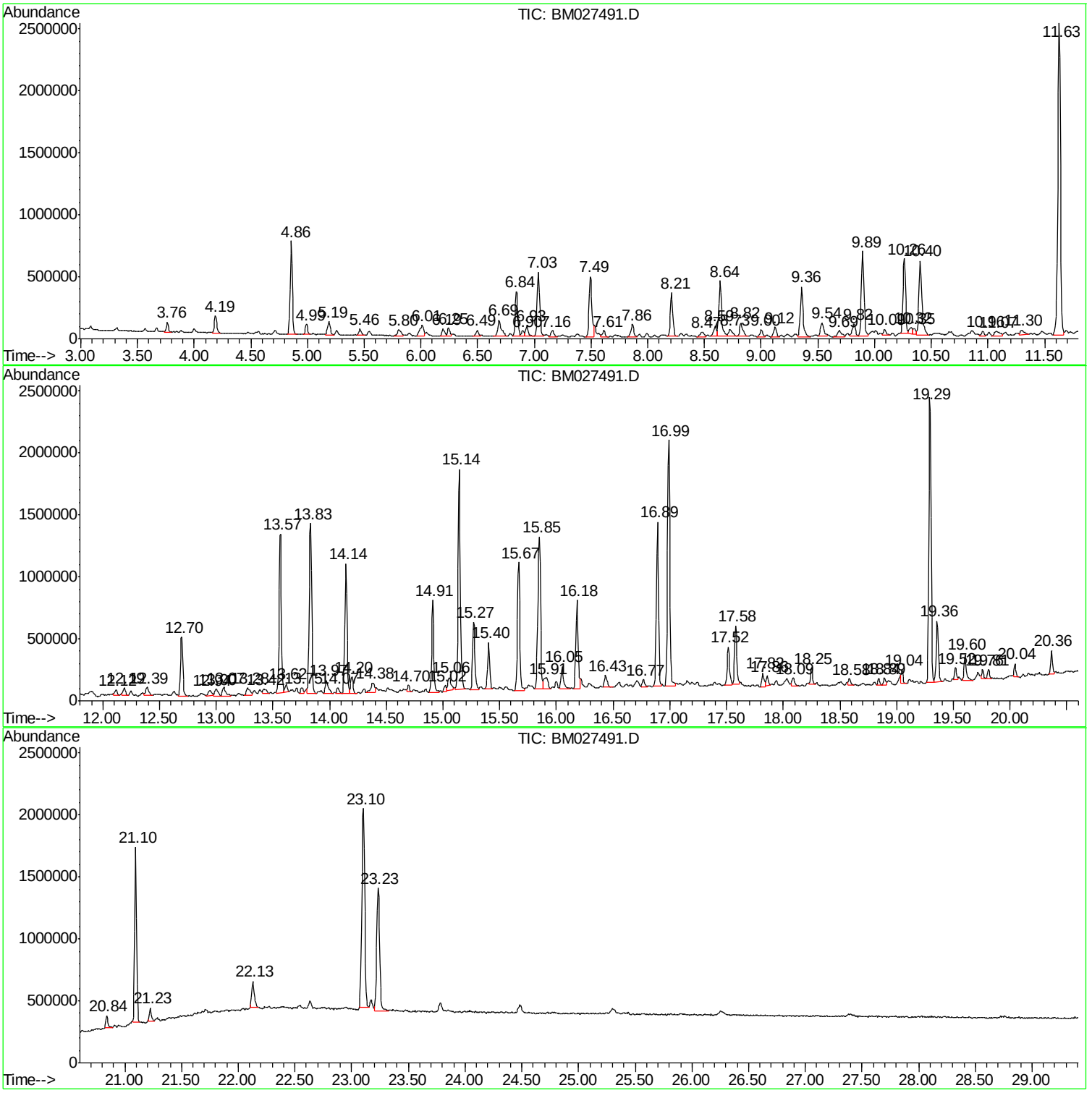
Instrument :
BNA_M
ClientSampleId :
BG0Q2

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



Library Search Compound Report

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

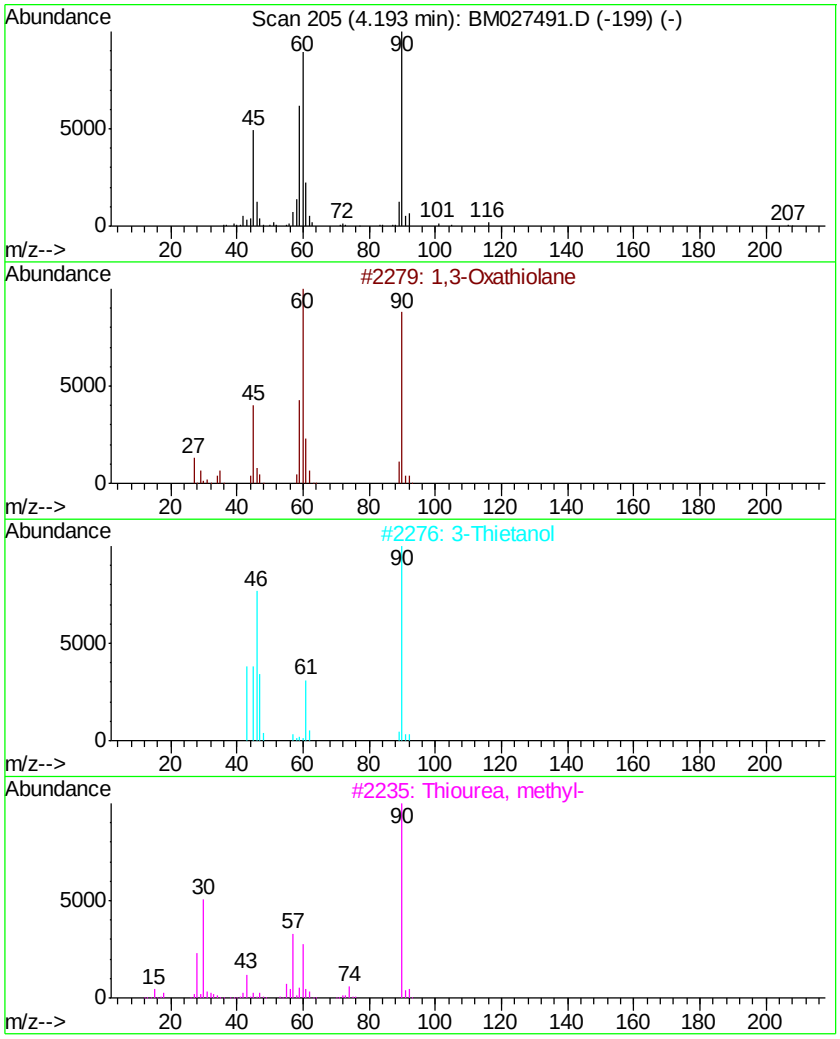
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

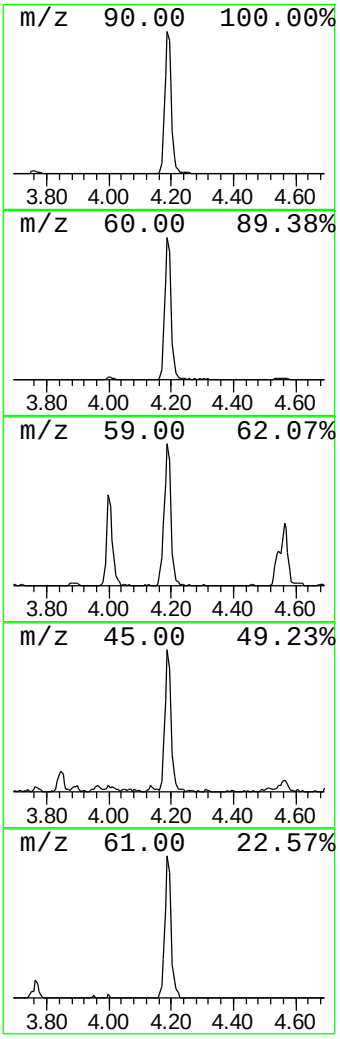
****

Peak Number 2 1,3-Oxathiolane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	5.25 ng/ul	210117	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	94
2	3-Thietanol	90	C3H6OS	010304-16-2	53
3	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
4	1,3-Oxathiolane	90	C3H6OS	002094-97-5	43
5	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092120\
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Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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

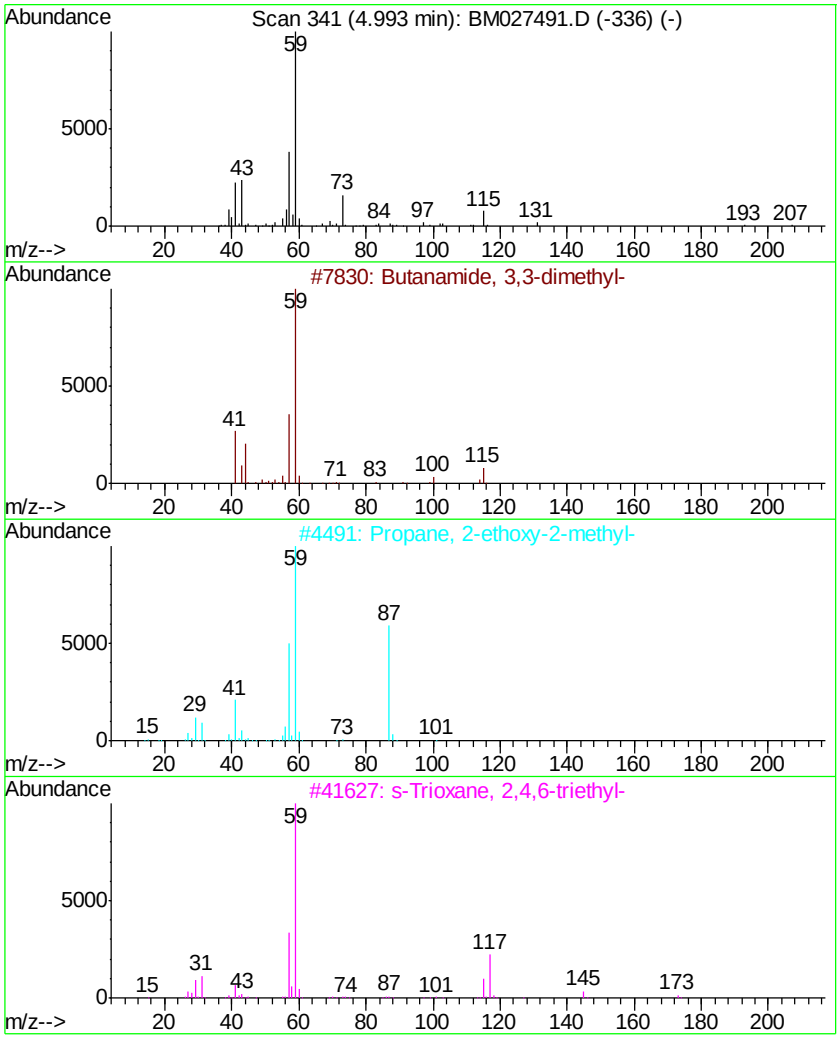
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

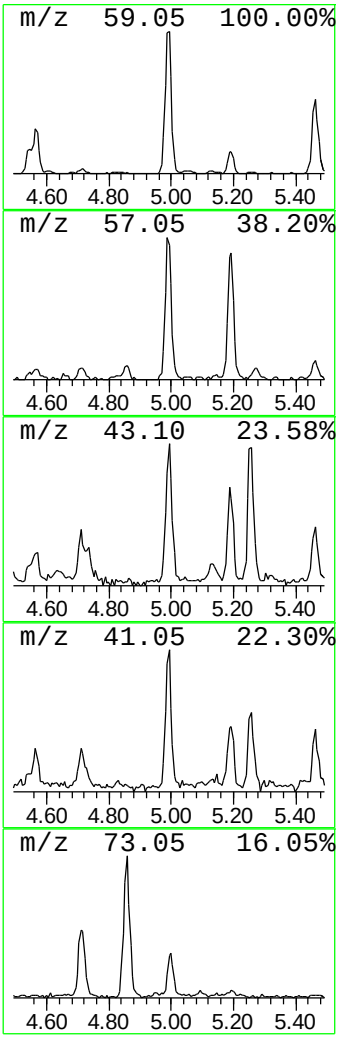
****

Peak Number 4 Butanamide, 3,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	2.89 ng/ul	115495	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	72
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
3	s-Trioxane, 2,4,6-triethyl-	174	C9H18O3	002396-42-1	50
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
5	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	45





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BG0Q2

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

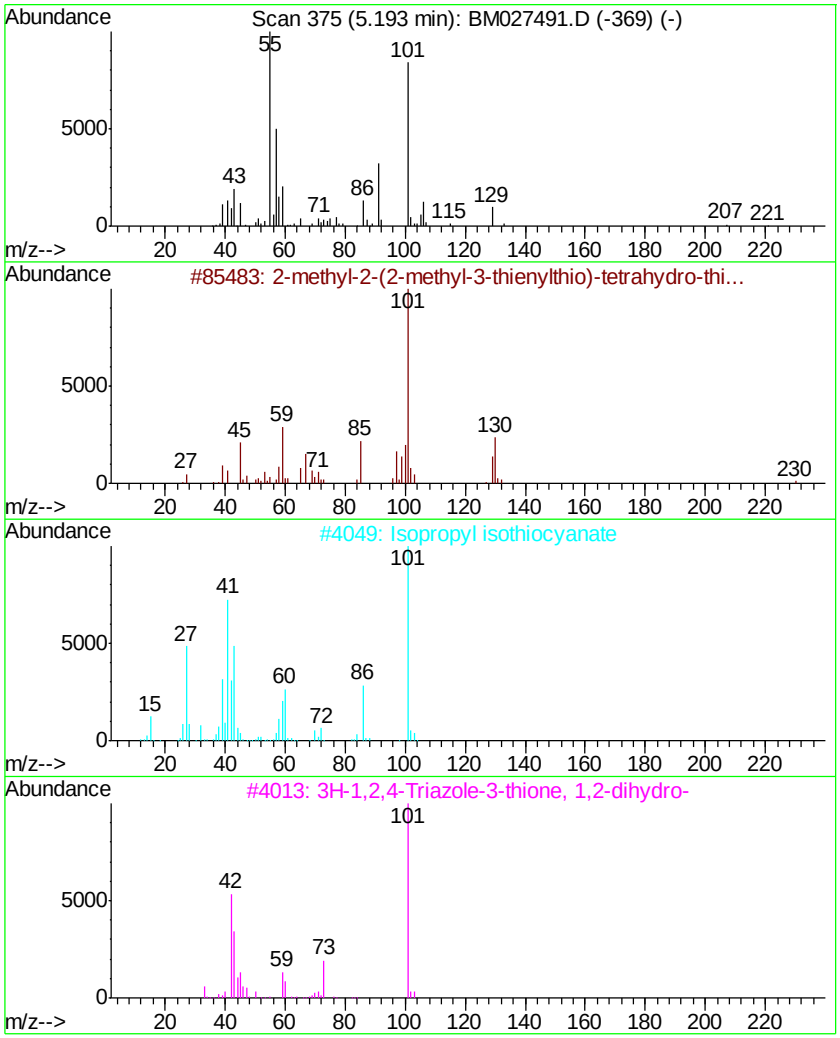
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

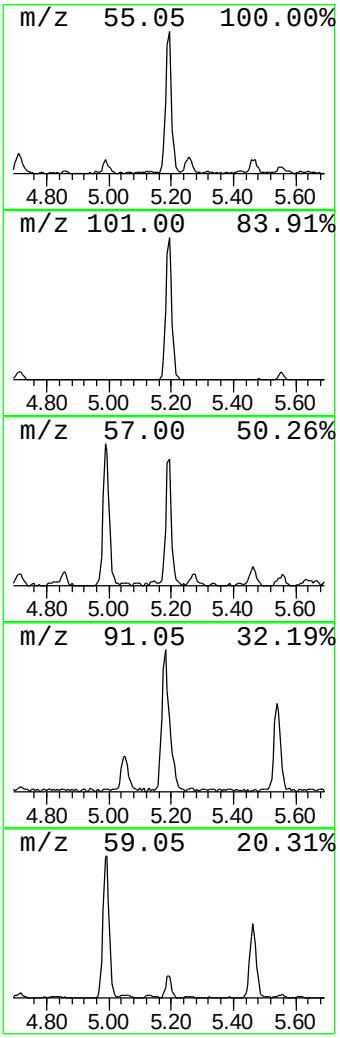
****

Peak Number 5 2-methyl-2-(2-methyl-3-thie... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.49 ng/ul	179574	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyl-2-(2-methyl-3-thienylth...	230	C10H14S3	1000365-97-2	50
2	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	47
3	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	43
4	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	38
5	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	38





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BG0Q2

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

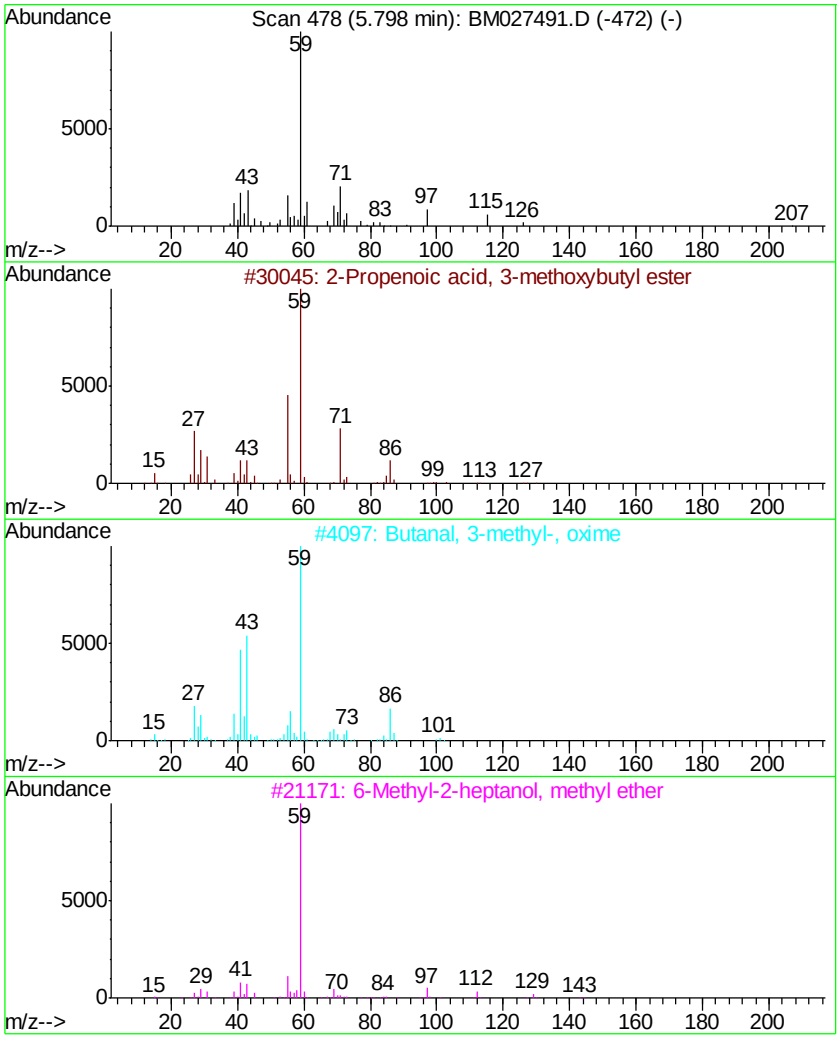
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

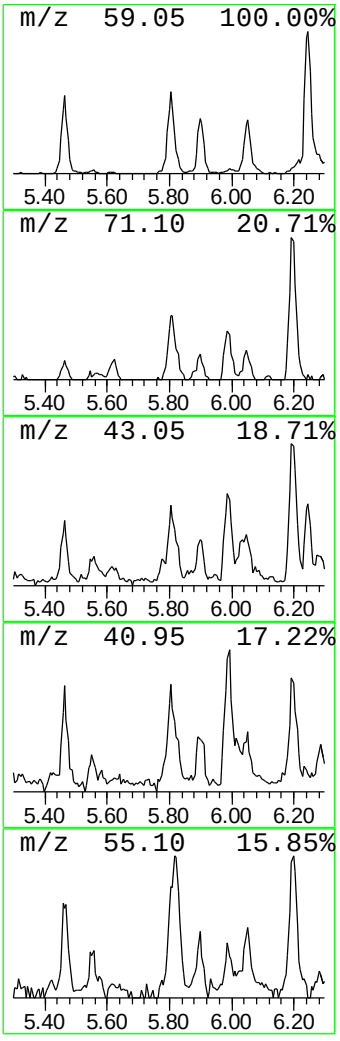
****

Peak Number 6 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	2.49 ng/ul	99620	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-methoxybutyl...	158	C8H14O3	002768-07-2	42
2	Butanal, 3-methyl-, oxime	101	C5H11NO	000626-90-4	40
3	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	37
4	1-Butanol, 3-methoxy-, acetate	146	C7H14O3	004435-53-4	36
5	1-(1-Methoxypropan-2-yloxy)propa...	244	C9H15F3O4	1000367-08-7	33





Library Search Compound Report

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Acq On : 21 Sep 2020 12:17
Operator : JU/CG
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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

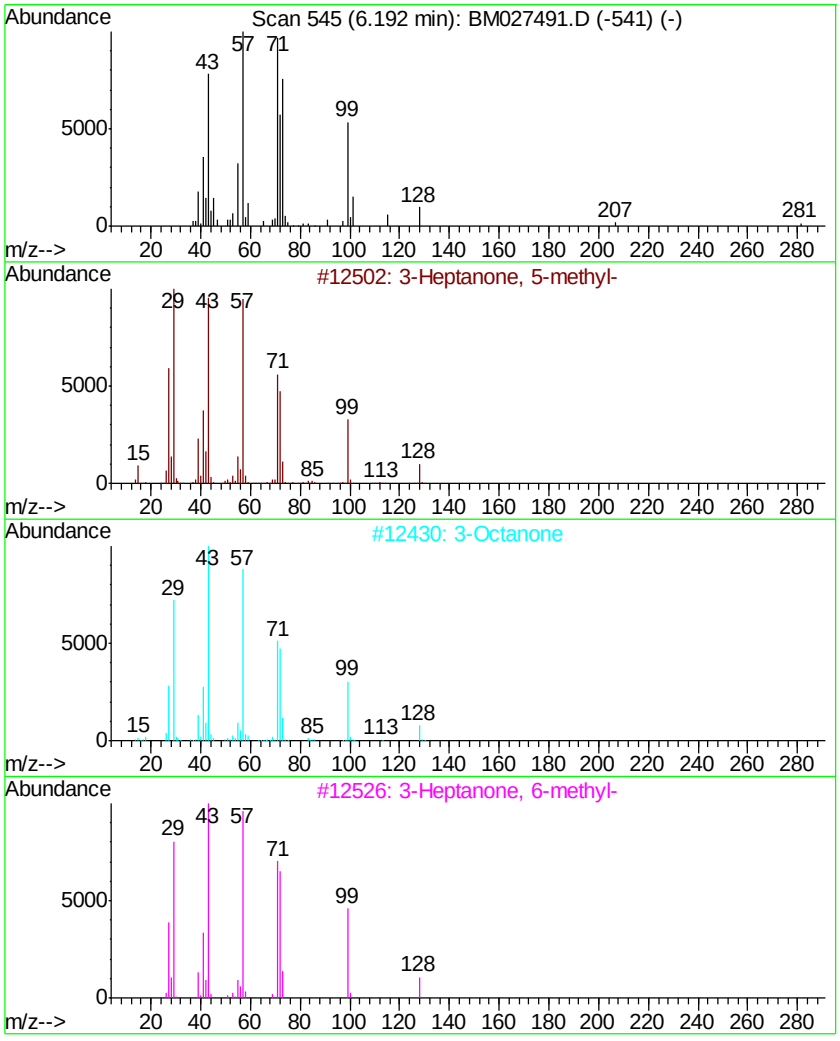
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

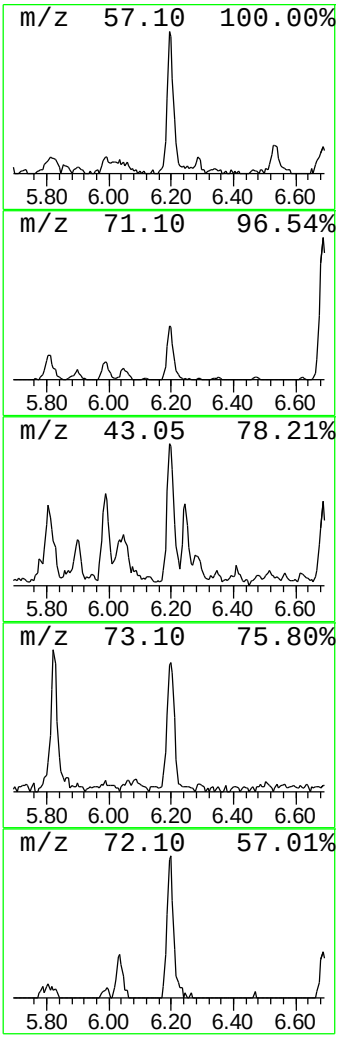
****

Peak Number 8 3-Heptanone, 5-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	2.27 ng/ul	90860	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	80
2	3-Octanone	128	C8H16O	000106-68-3	53
3	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	52
4	3-Octanone	128	C8H16O	000106-68-3	52
5	3-Octanone	128	C8H16O	000106-68-3	50





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Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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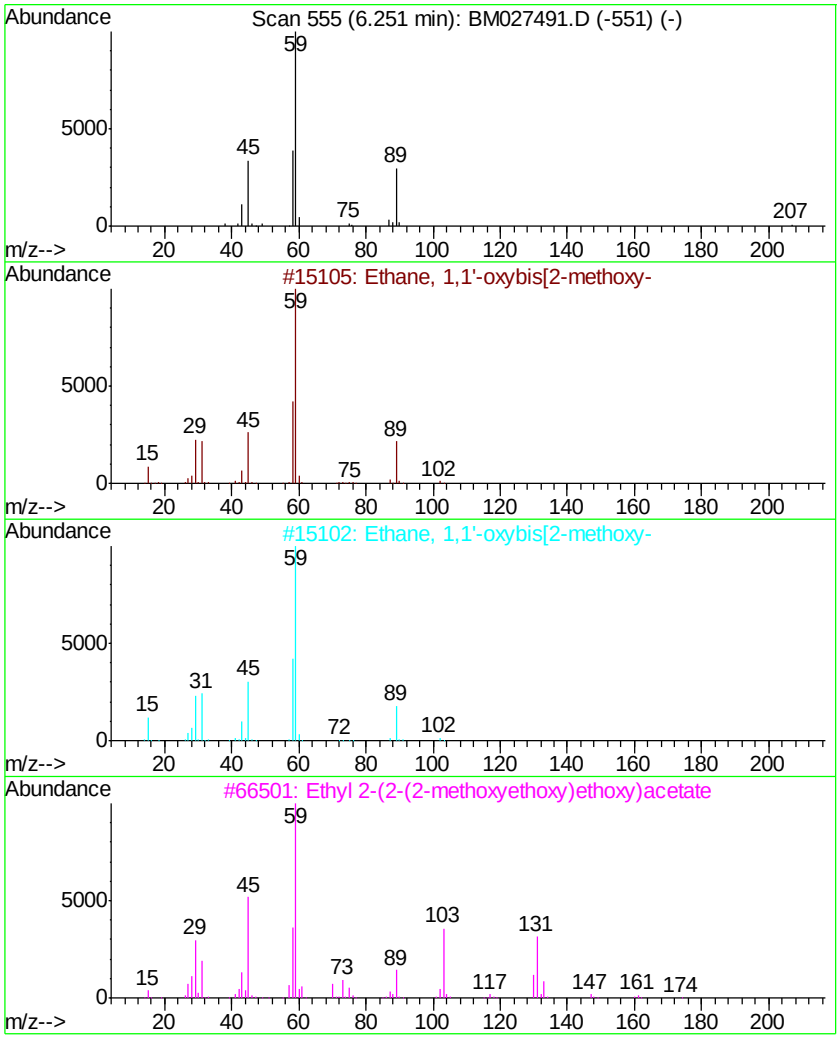
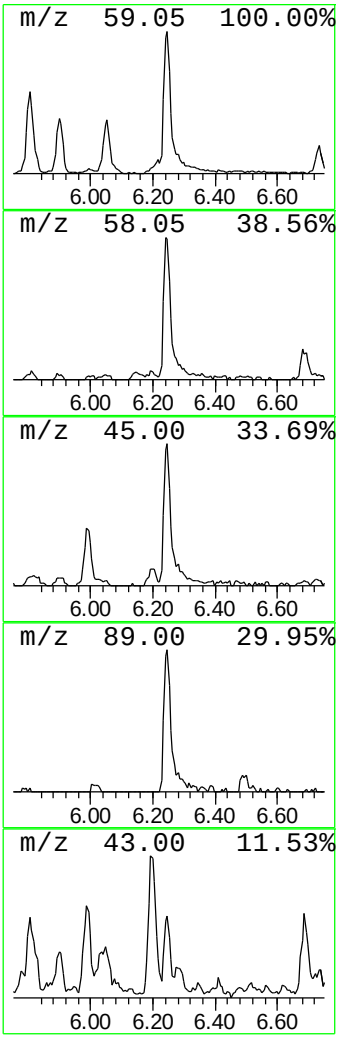
Peak Number 9 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	2.25 ng/ul	89993	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	83
2	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	74
3	Ethyl 2-(2-(2-methoxyethoxy)etho...	206	C9H18O5	1000366-89-0	64
4	Ethene, (2-ethoxy-1-methoxyethoxy)-	146	C7H14O3	054063-18-2	56
5	Ethanol, 2-ethoxy-	90	C4H10O2	000110-80-5	47





Library Search Compound Report

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Operator : JU/CG
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Misc :
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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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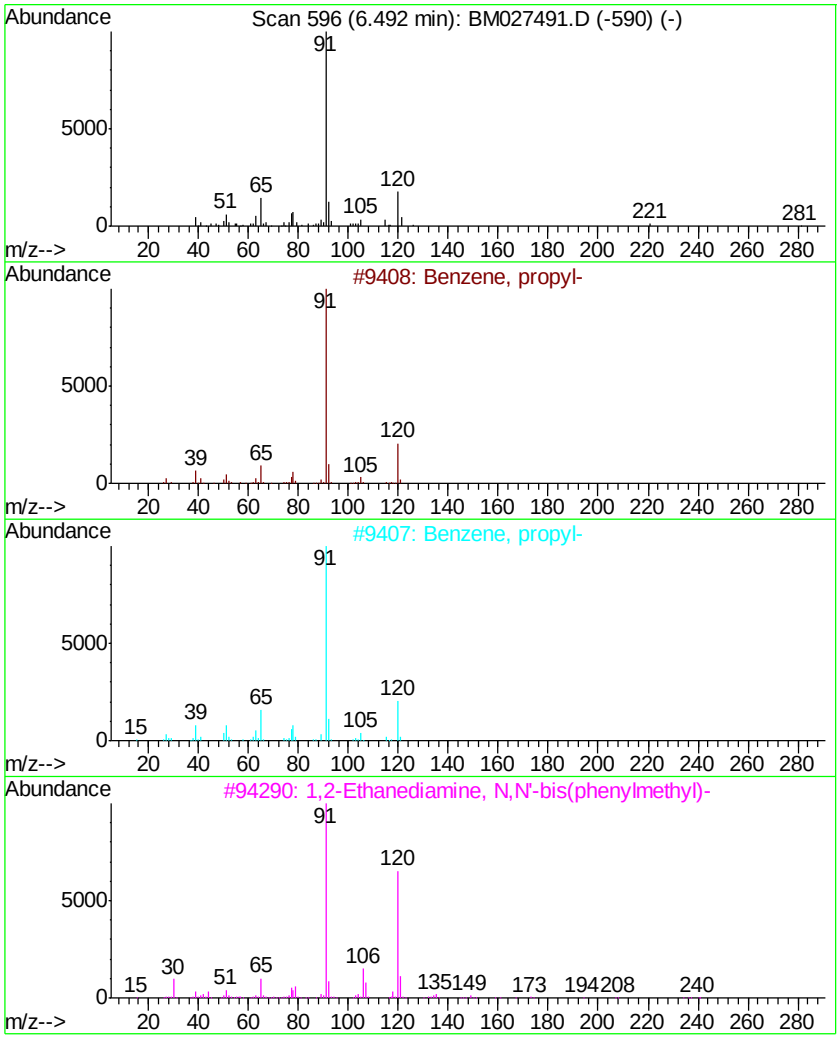
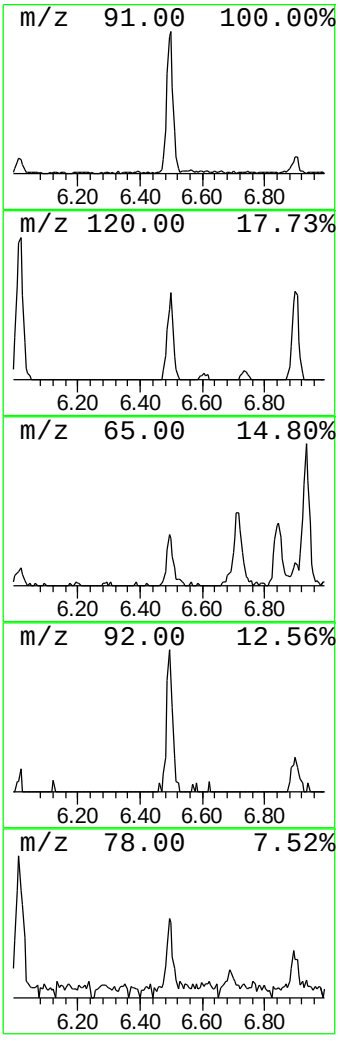
Peak Number 10 Benzene, propyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	2.01 ng/ul	80443	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	74
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64





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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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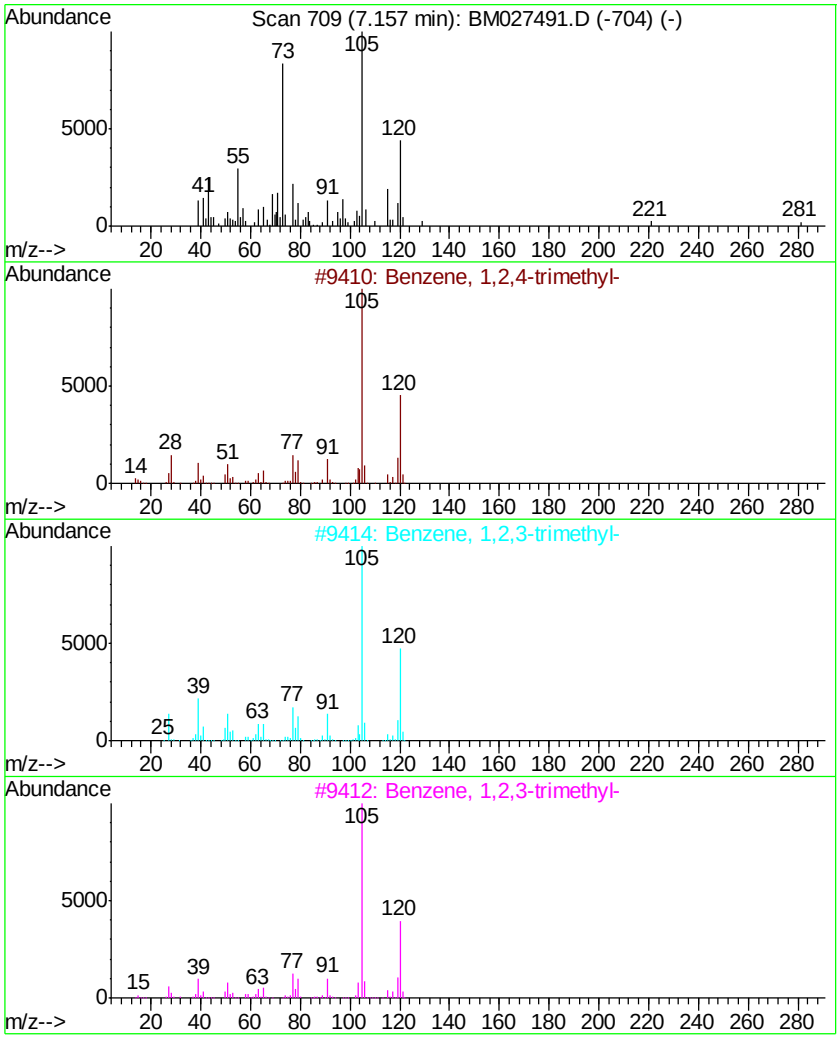
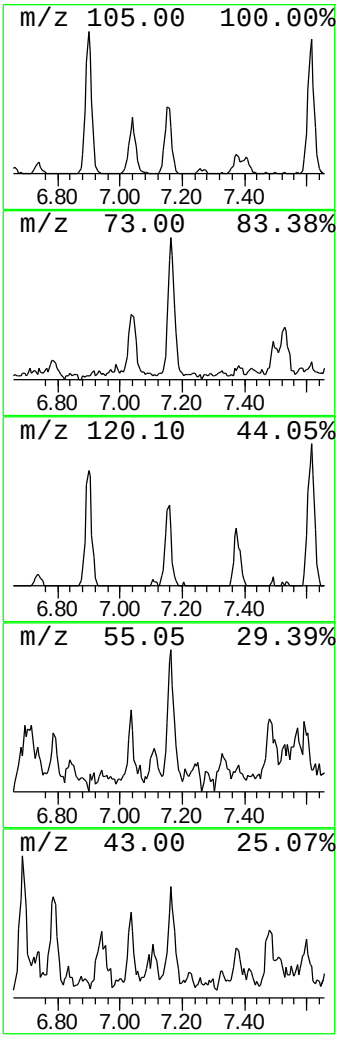
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	2.17 ng/ul	86674	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
4	Mesitylene	120	C9H12	000108-67-8	70
5	Mesitylene	120	C9H12	000108-67-8	70





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ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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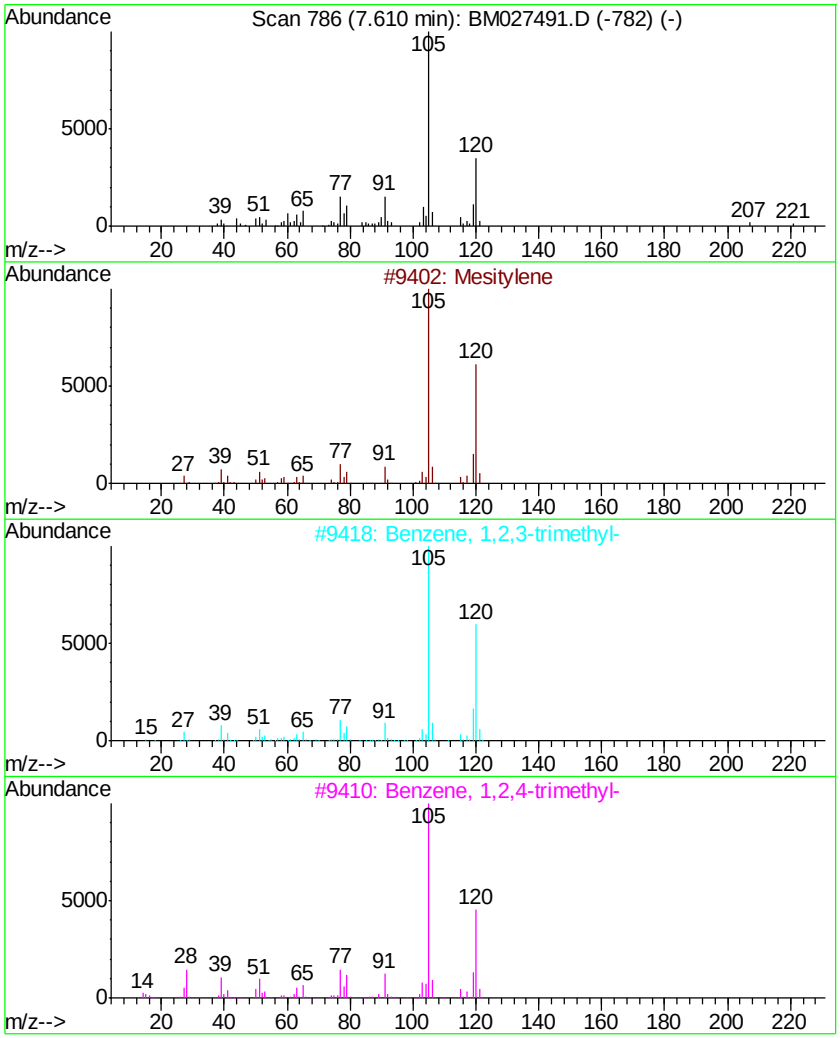
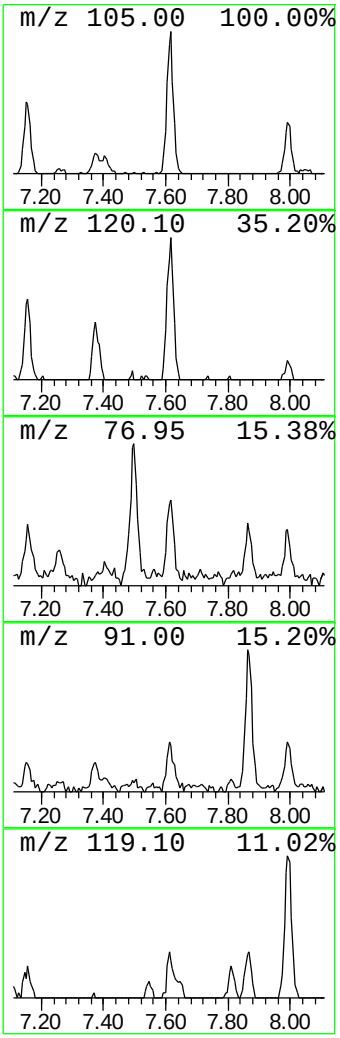
Peak Number 12 Mesitylene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.02 ng/ul	80920	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





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Operator : JU/CG
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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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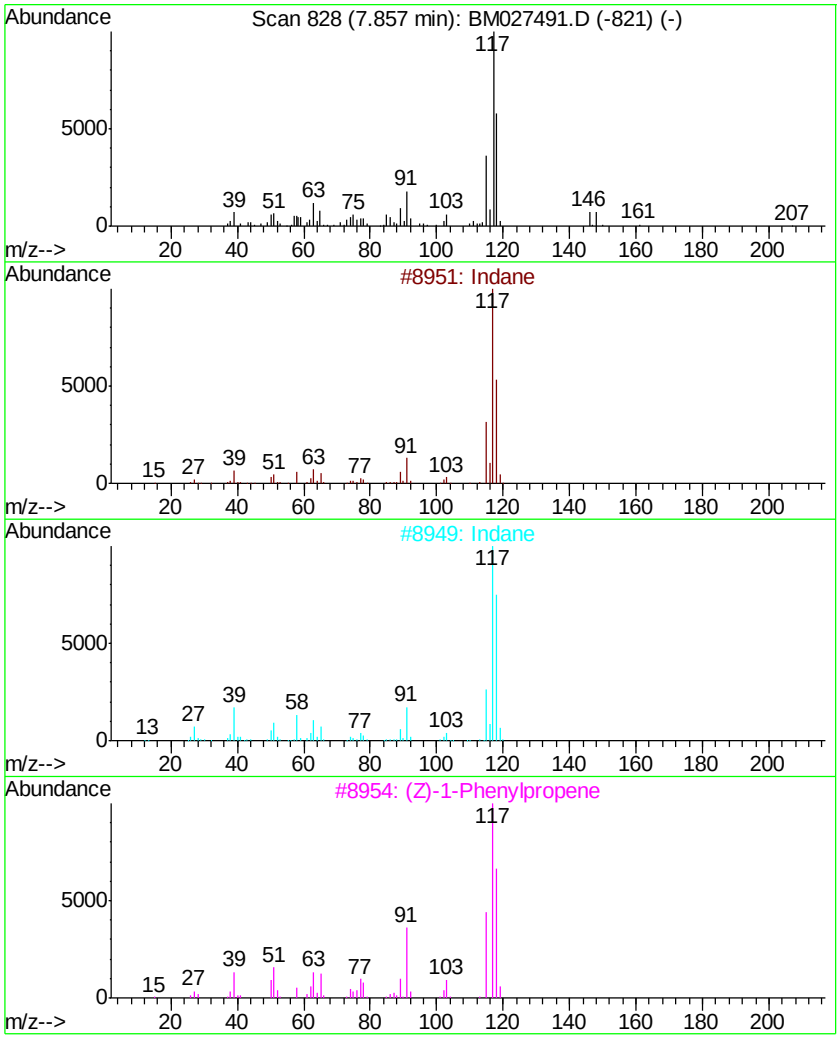
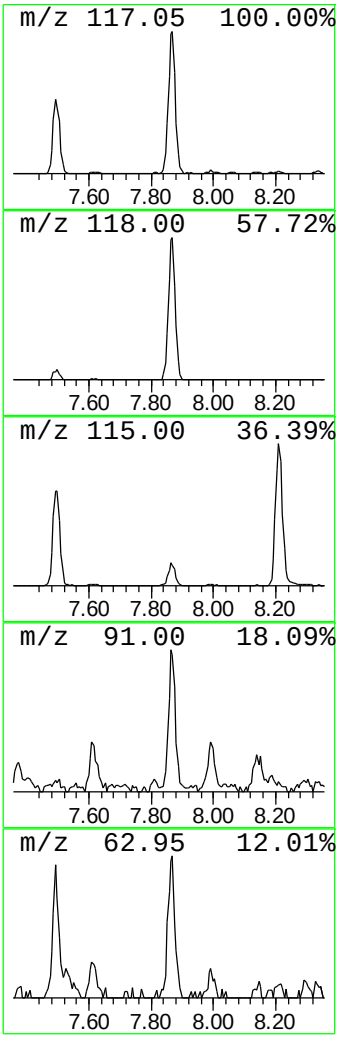
Peak Number 13 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	4.36 ng/ul	174534	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Indane	118	C9H10	000496-11-7	81
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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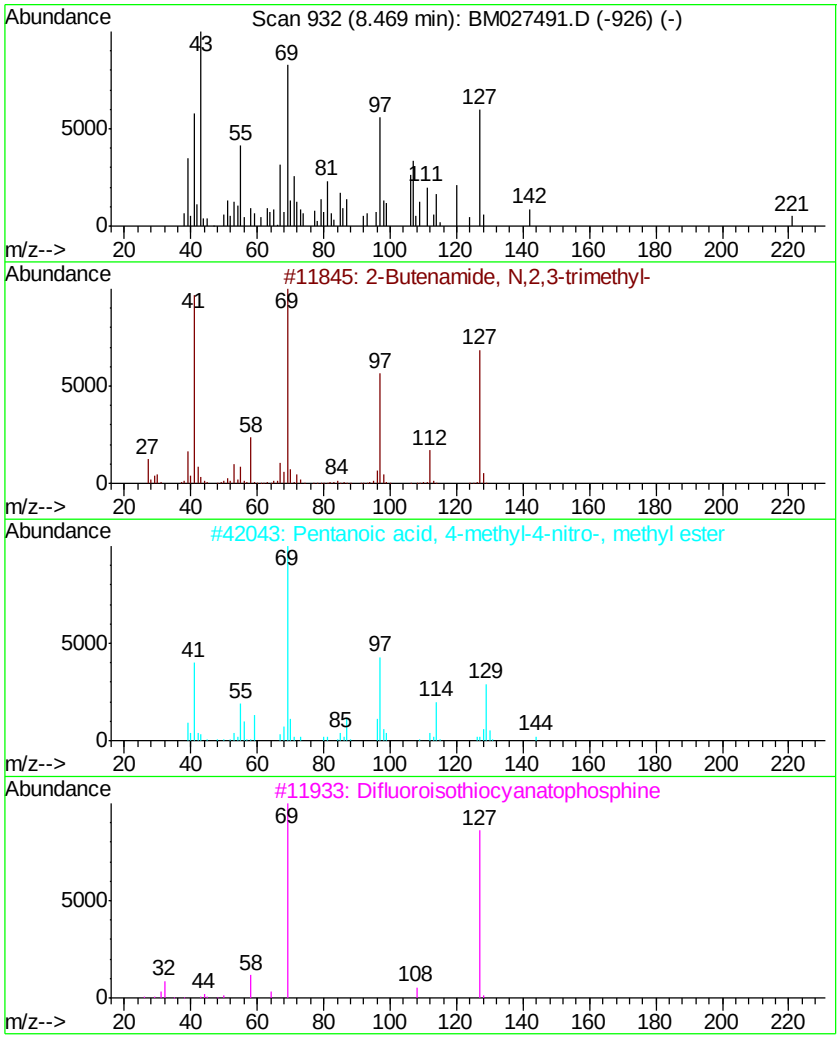
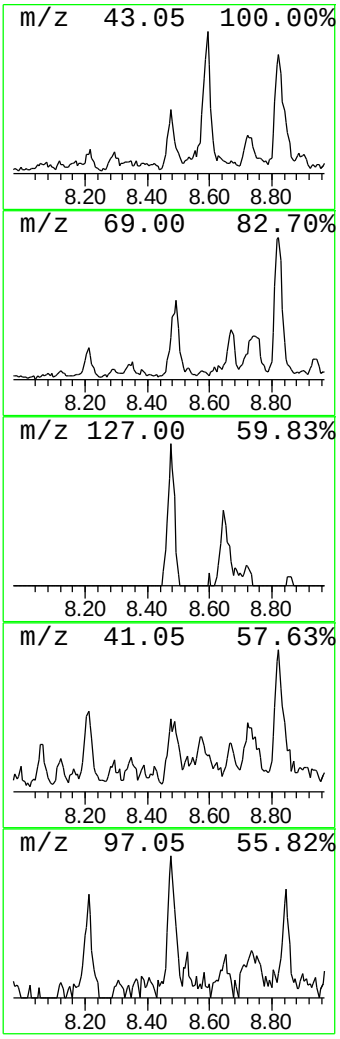
Peak Number 14 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	2.37 ng/ul	94709	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenamide, N,2,3-trimethyl-	127	C7H13NO	001186-87-4	47
2	Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	37
3	Difluoroisothiocyanatophosphine	127	CF2NPS	1000306-12-2	35
4	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	35
5	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	27





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Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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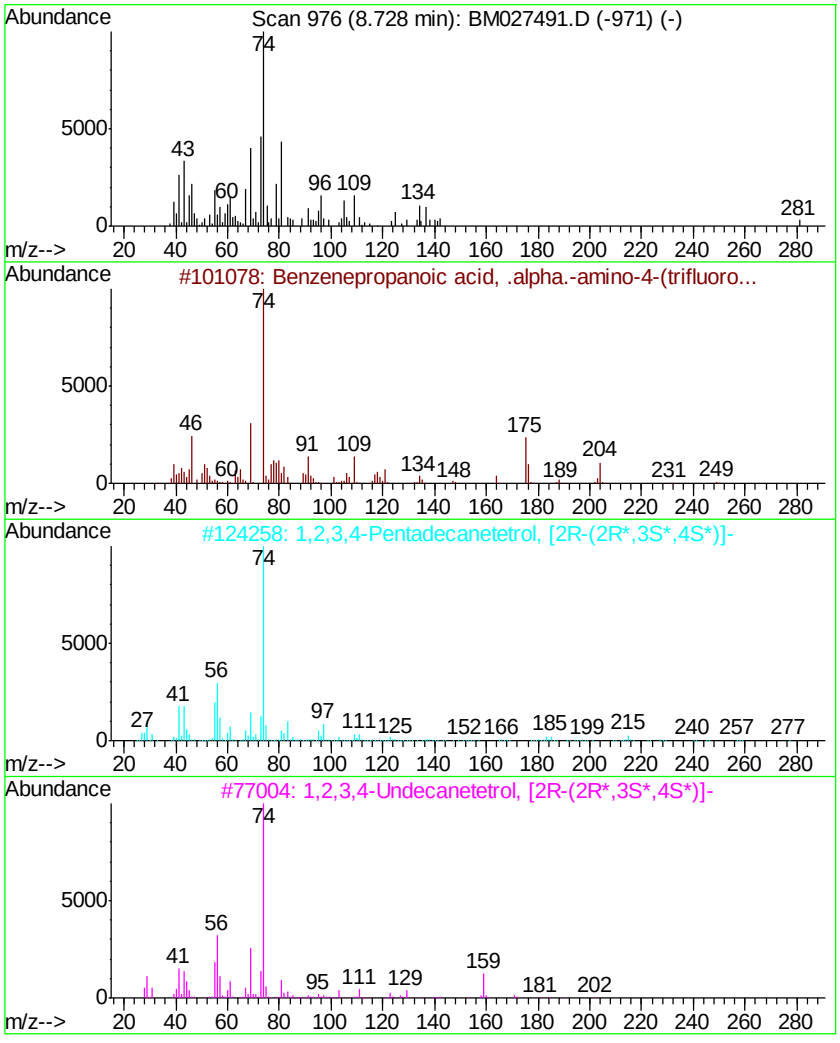
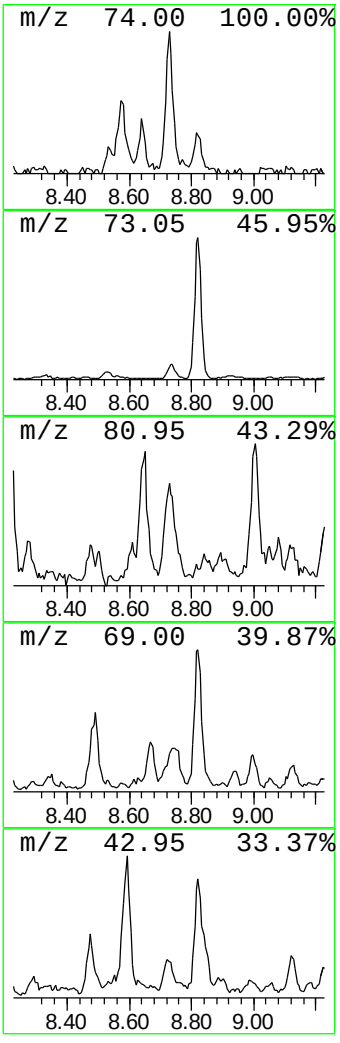
Peak Number 15 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.48 ng/ul	139375	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .alpha.-a...	249	C10H10F3NO3	1000318-85-5	38
2	1,2,3,4-Pentadecanetetrol, [2R-(...	276	C15H32O4	136953-05-4	17
3	1,2,3,4-Undecanetetrol, [2R-(2R*...	220	C11H24O4	137036-71-6	17
4	dl-Homoserine	119	C4H9NO3	001927-25-9	17
5	Propanoic acid	74	C3H6O2	000079-09-4	17





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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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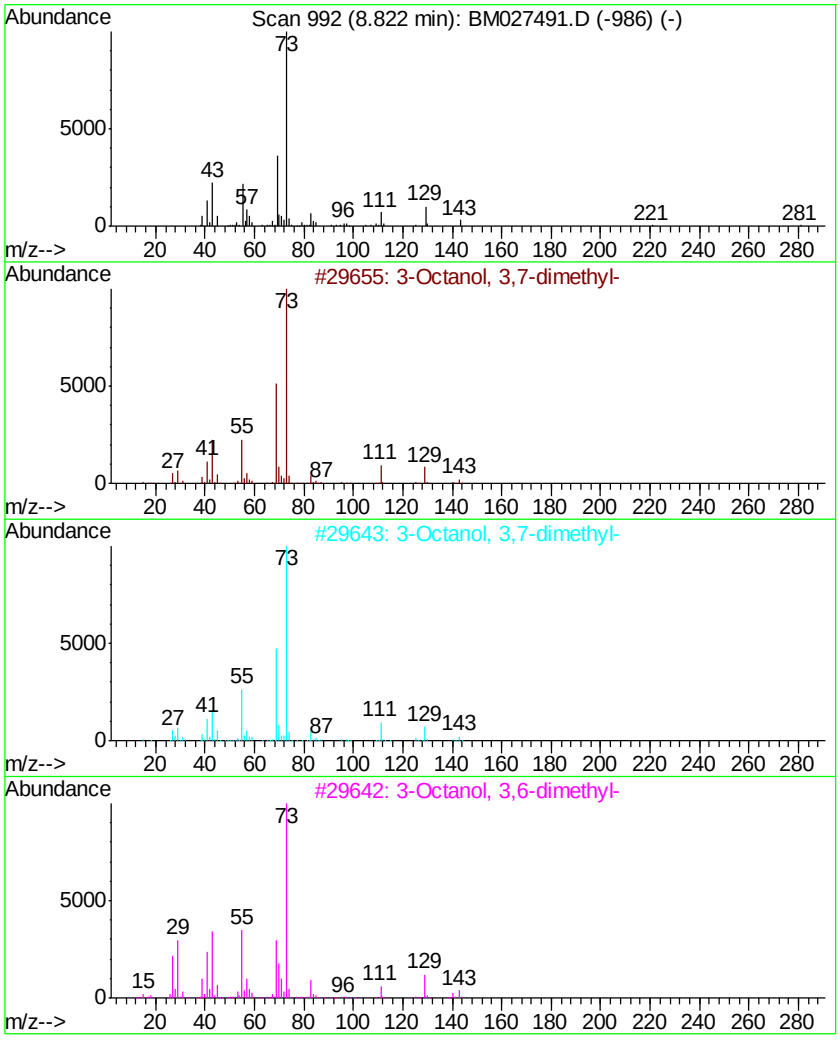
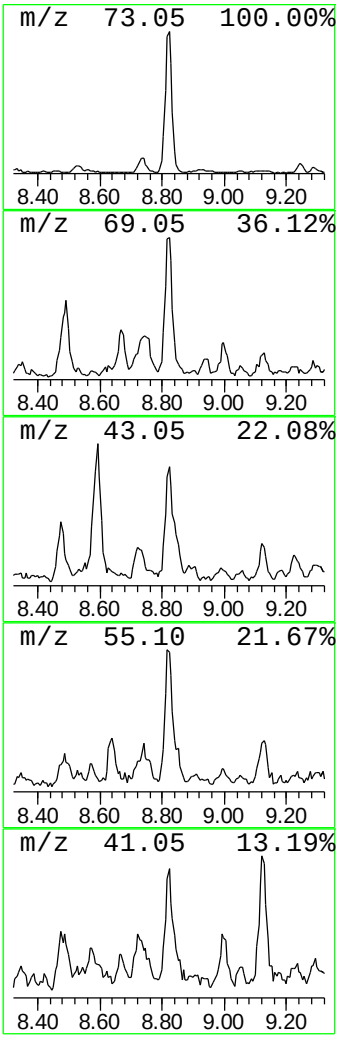
Peak Number 16 3-Octanol, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	5.58 ng/ul	223106	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	53
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	40
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	38
4	Isopropyl 5,11-dihydroxy-3,7,11-...	314	C18H34O4	1000223-34-1	35
5	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	25





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Sample : L4046-16
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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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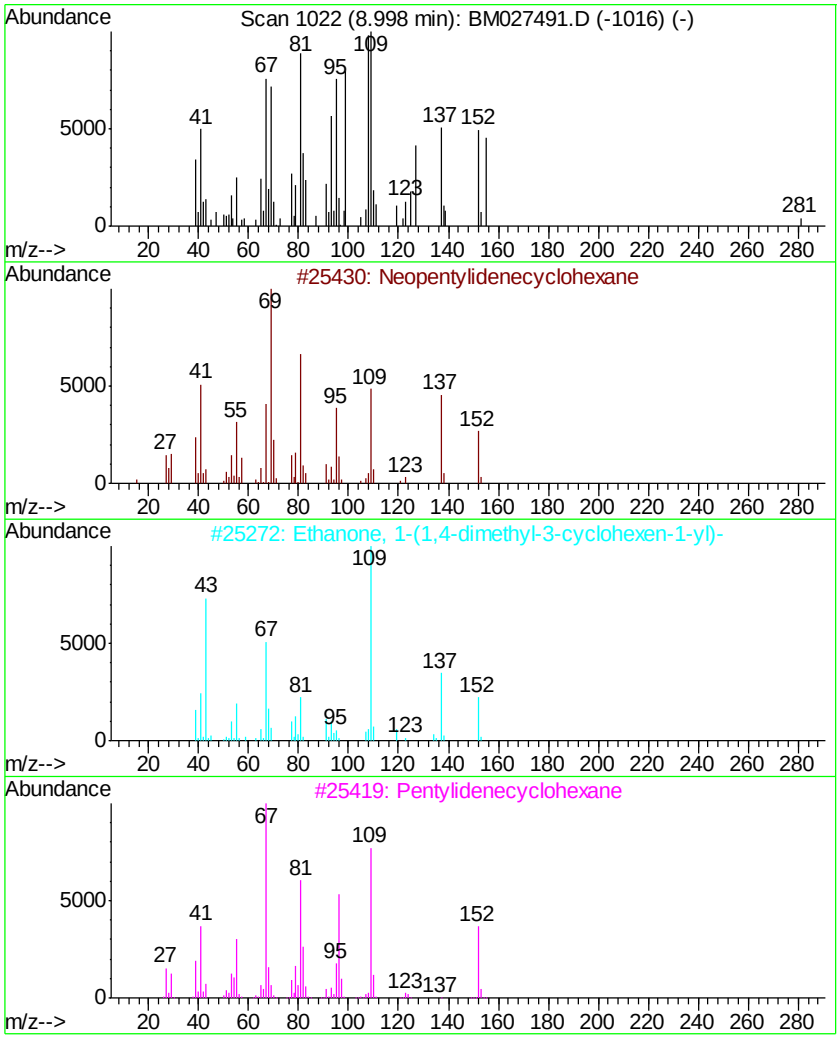
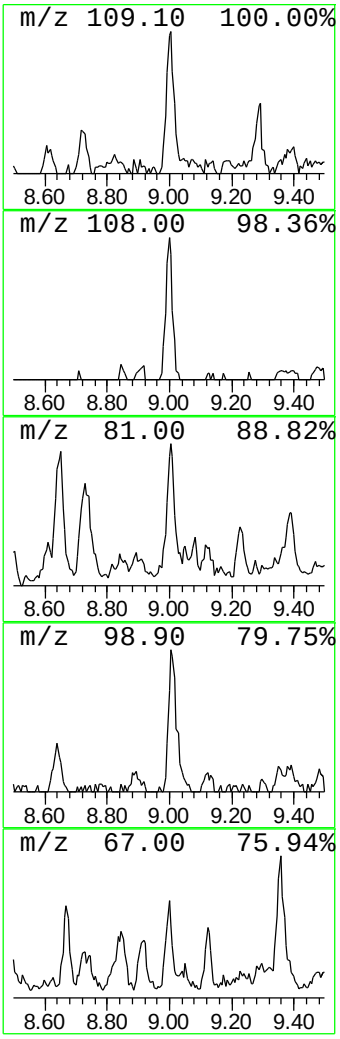
Peak Number 17 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	2.16 ng/ul	101501	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
2	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	30
3	Pentylidenecyclohexane	152	C11H20	039546-79-7	30
4	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	27
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	27





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Quant Title : SVOA CALIBRATION

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

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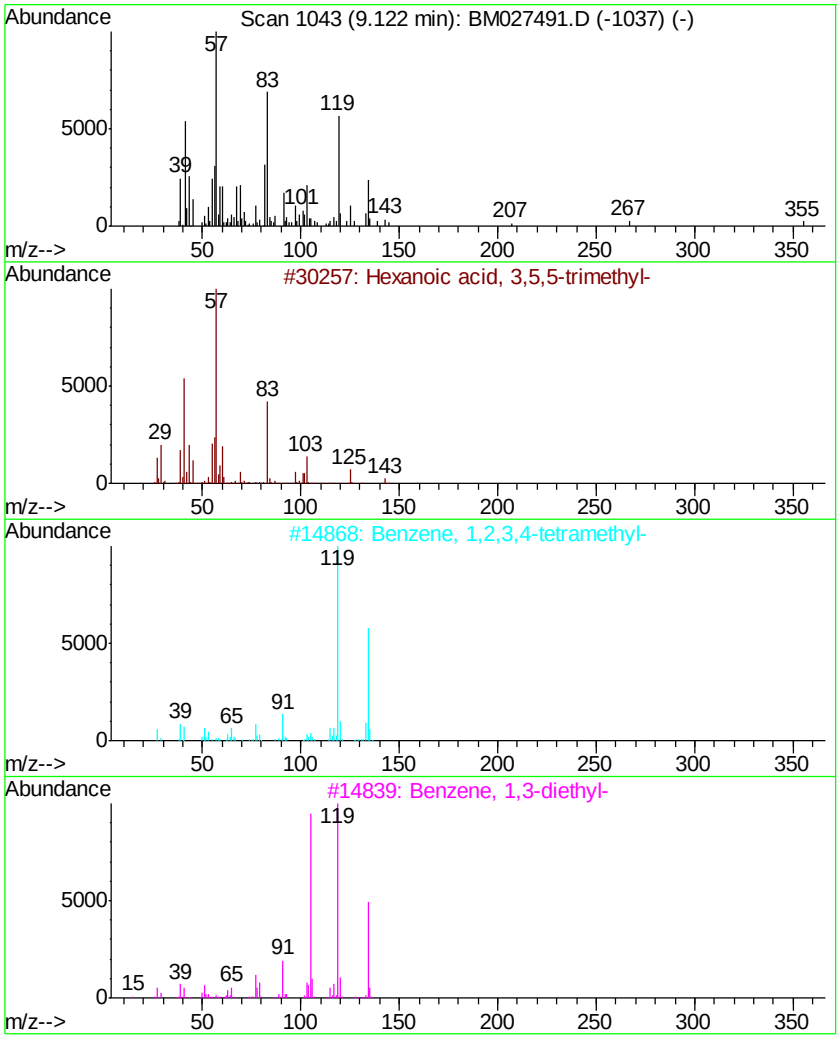
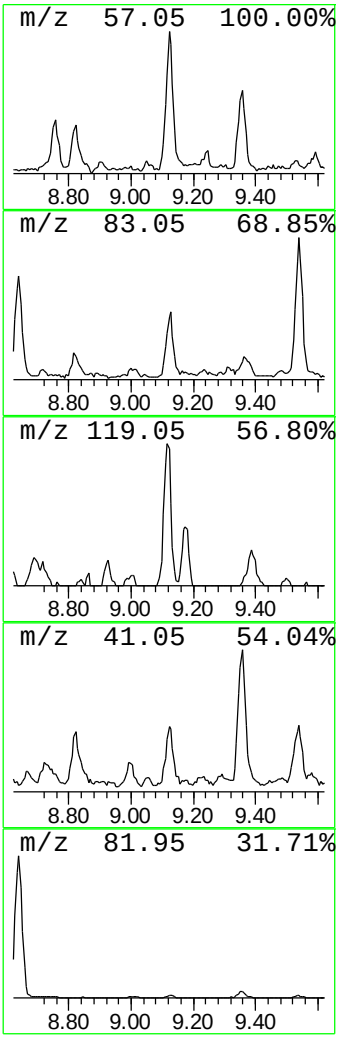
Peak Number 18 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	2.67 ng/ul	125489	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	35
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	18
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	18
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	15





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Quant Title : SVOA CALIBRATION

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

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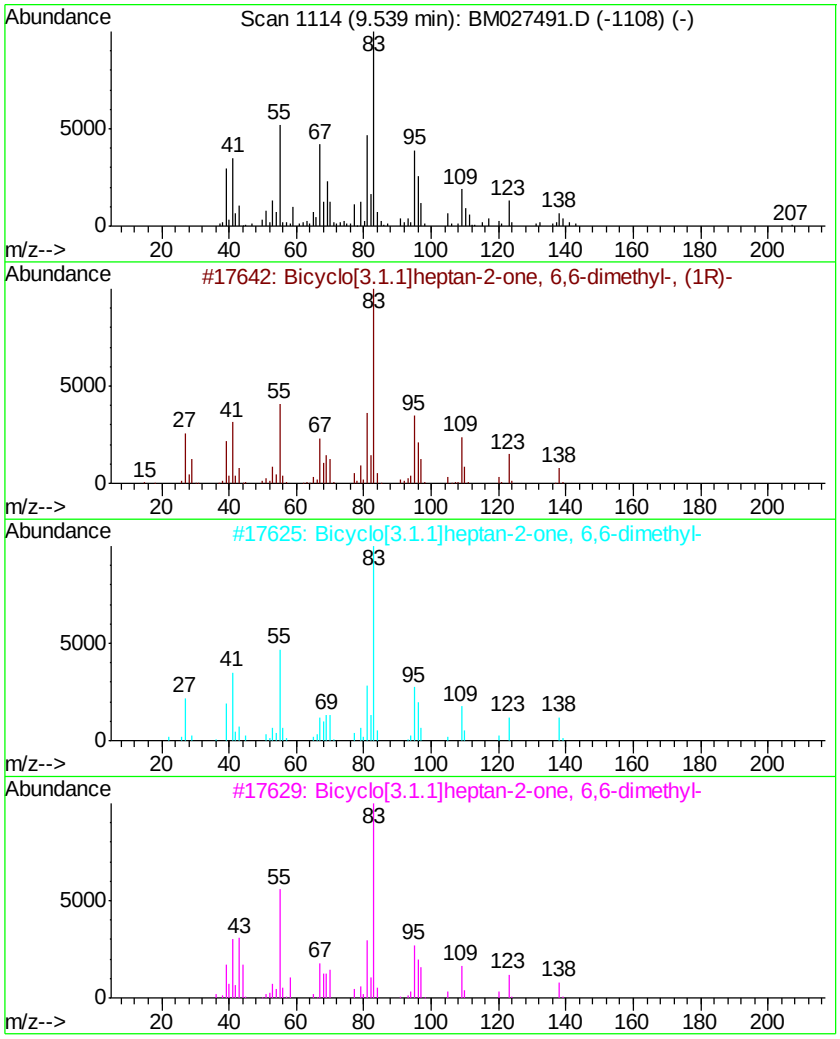
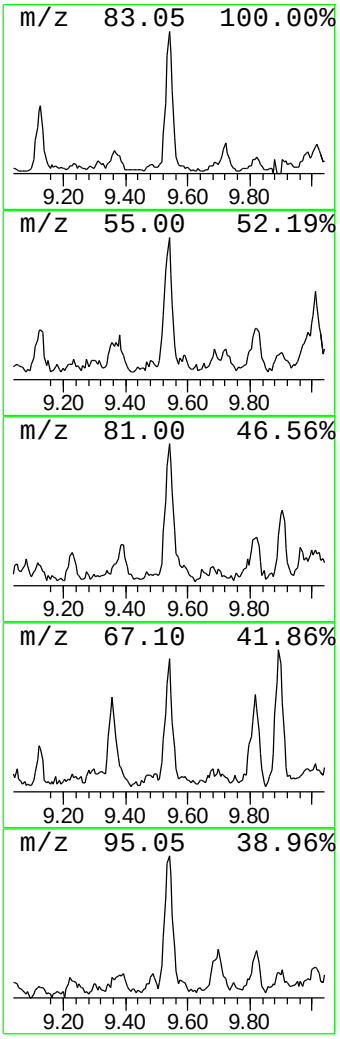
Peak Number 19 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	4.55 ng/ul	213354	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	89
2	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	70
3	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	52
4	N-Methoxy-2-carbomenthyloxyaziri...	255	C14H25NO3	060999-67-9	50
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	47





Library Search Compound Report

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Data File : BM027491.D
Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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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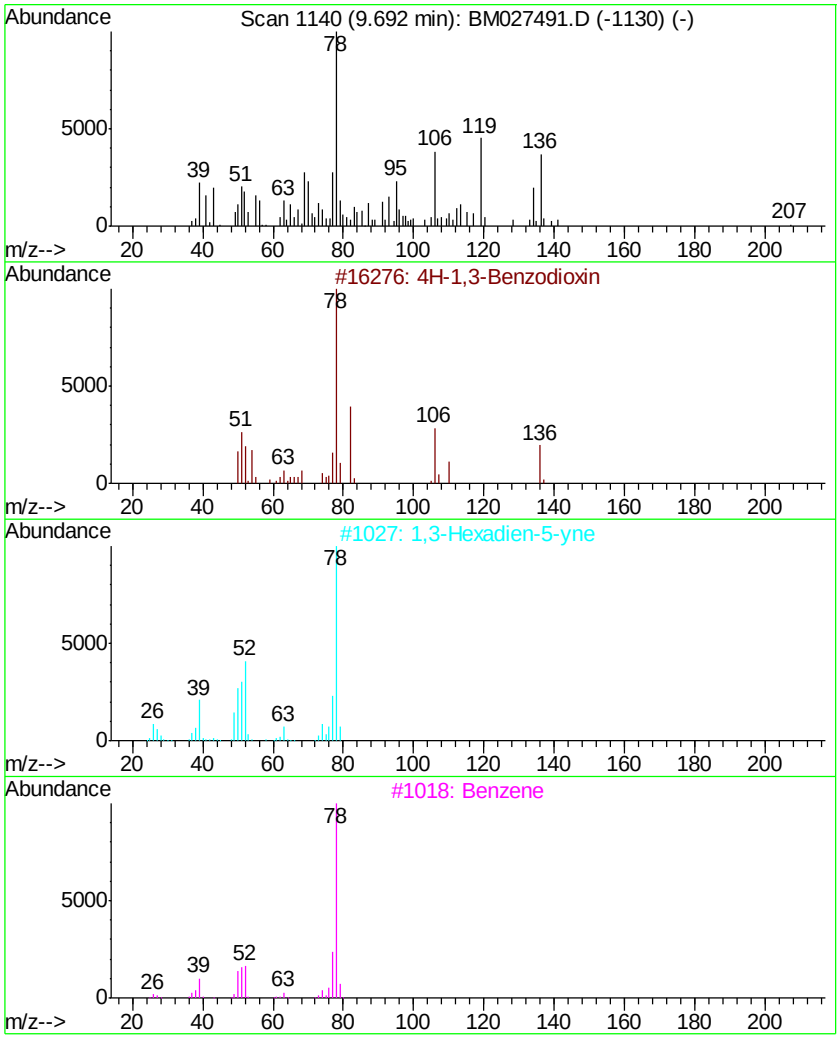
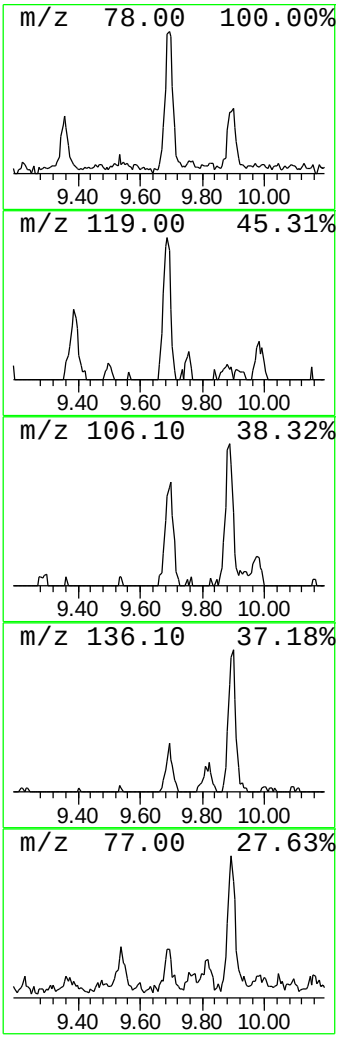
Peak Number 20 4H-1,3-Benzodioxin Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.69 ng/ul	126298	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,3-Benzodioxin	136	C8H8O2	000254-27-3	68
2	1,3-Hexadien-5-yne	78	C6H6	010420-90-3	62
3	Benzene	78	C6H6	000071-43-2	62
4	Benzene	78	C6H6	000071-43-2	62
5	Salicyl alcohol	124	C7H8O2	000090-01-7	59





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ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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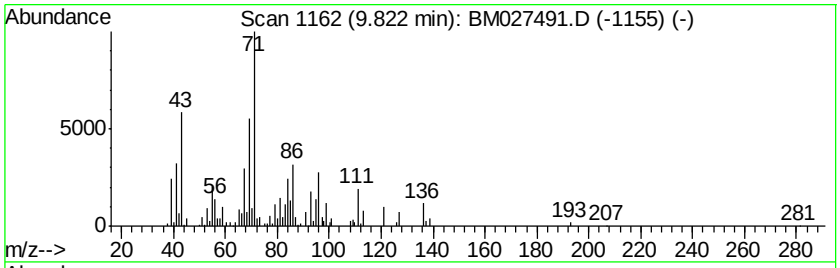
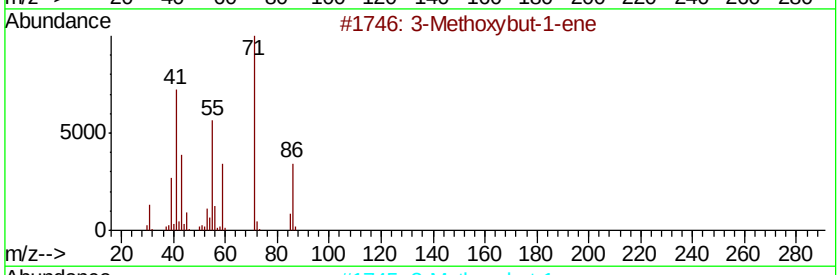
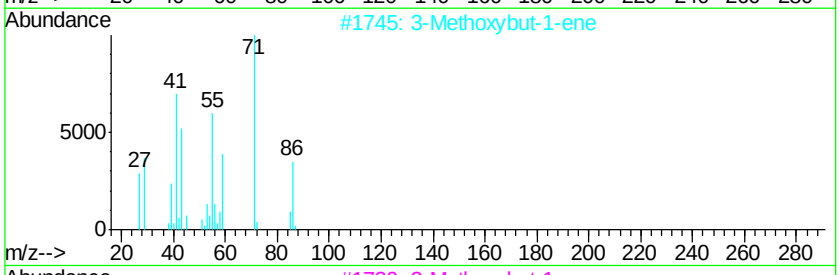
Peak Number 21 unknown-06 Concentration Rank 18

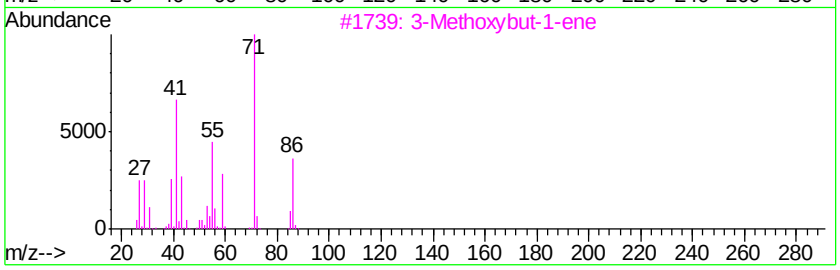
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	4.05 ng/ul	189934	Naphthalene-d8	10.26

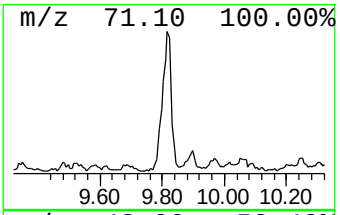
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	45
2	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	43
3	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	43
4	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	43
5	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	38

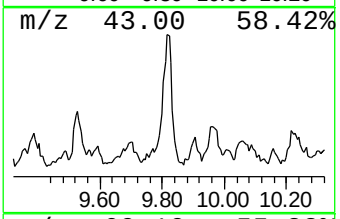


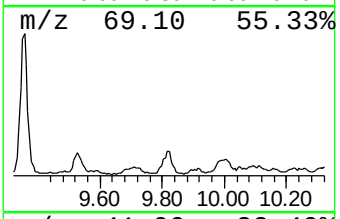


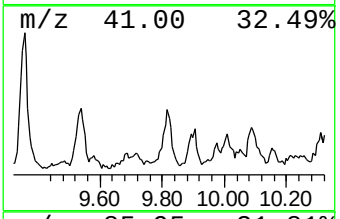


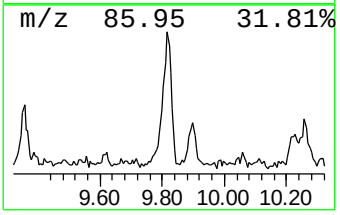












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Instrument : BNA_M
ClientSampleId : BG0Q2

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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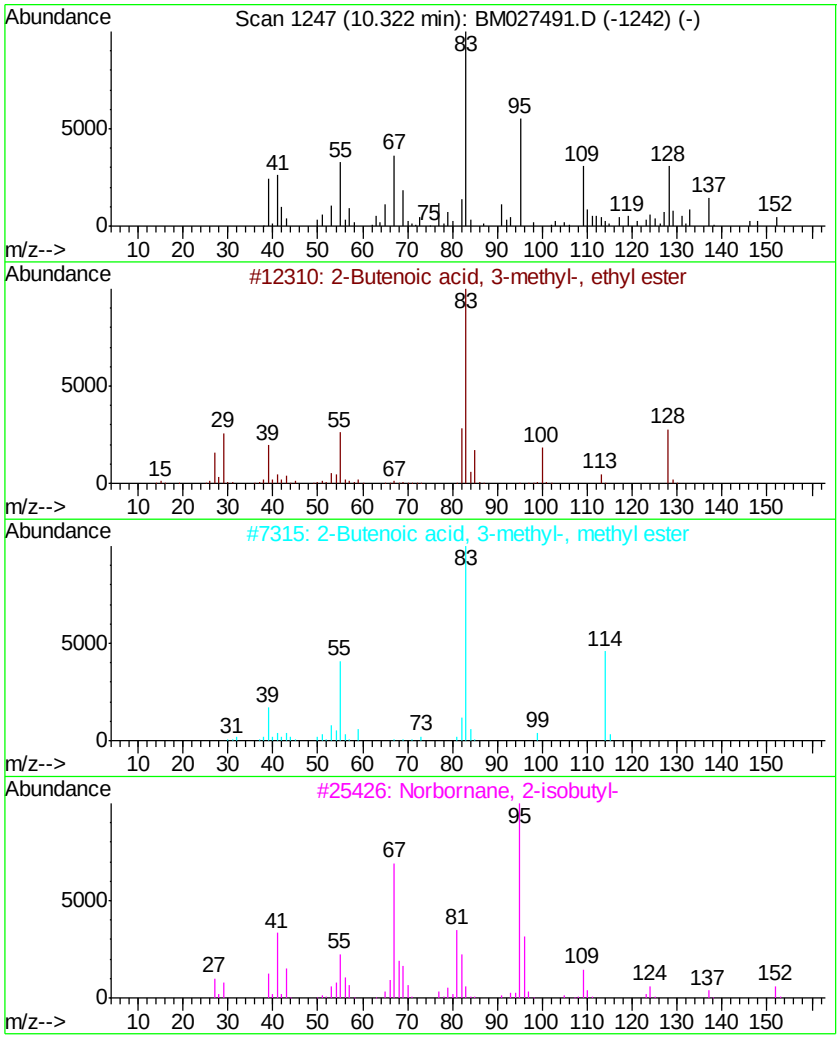
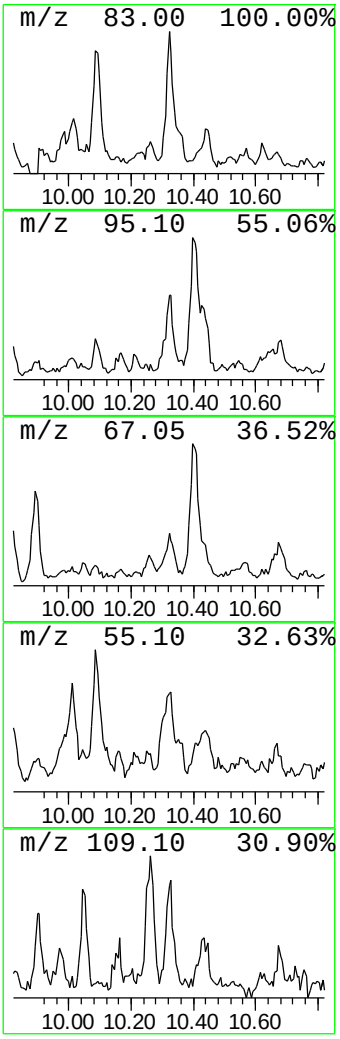
Peak Number 22 unknown-07 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.34 ng/ul	109842	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 3-methyl-, ethy...	128	C7H12O2	000638-10-8	32
2	2-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	000924-50-5	22
3	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	22
4	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	18
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	14





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Instrument : BNA_M
ClientSampleId : BG0Q2

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Quant Title : SVOA CALIBRATION

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

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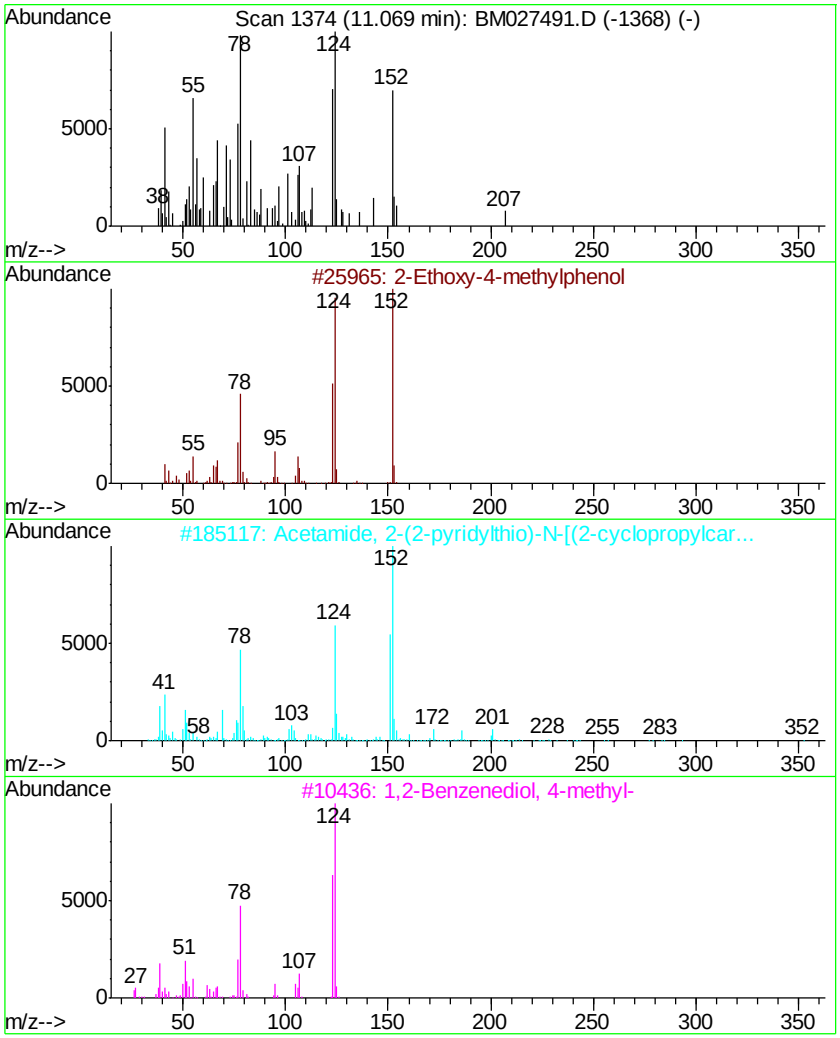
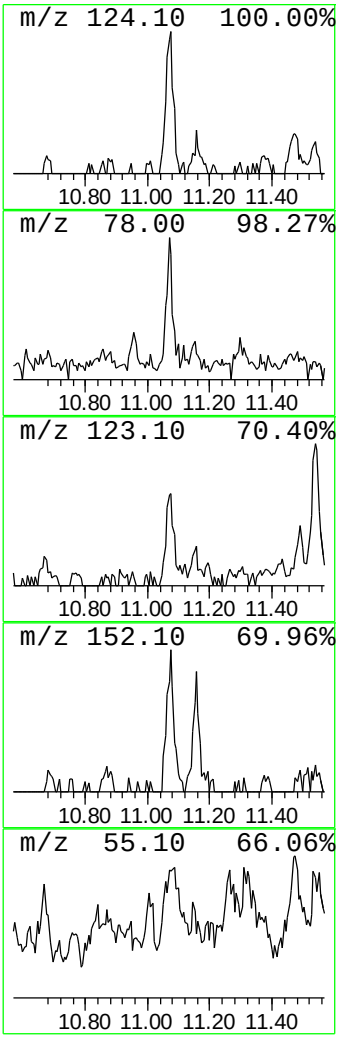
Peak Number 23 2-Ethoxy-4-methylphenol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.47 ng/ul	115815	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxy-4-methylphenol	152	C9H12O2	002563-07-7	90
2	Acetamide, 2-(2-pyridylthio)-N-[...	352	C19H16N2O3S	313400-58-7	53
3	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	52
4	1,2-Benzenediol, 4-methyl-	124	C7H8O2	000452-86-8	50
5	1,2-Benzenediol, 3-methyl-	124	C7H8O2	000488-17-5	50





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Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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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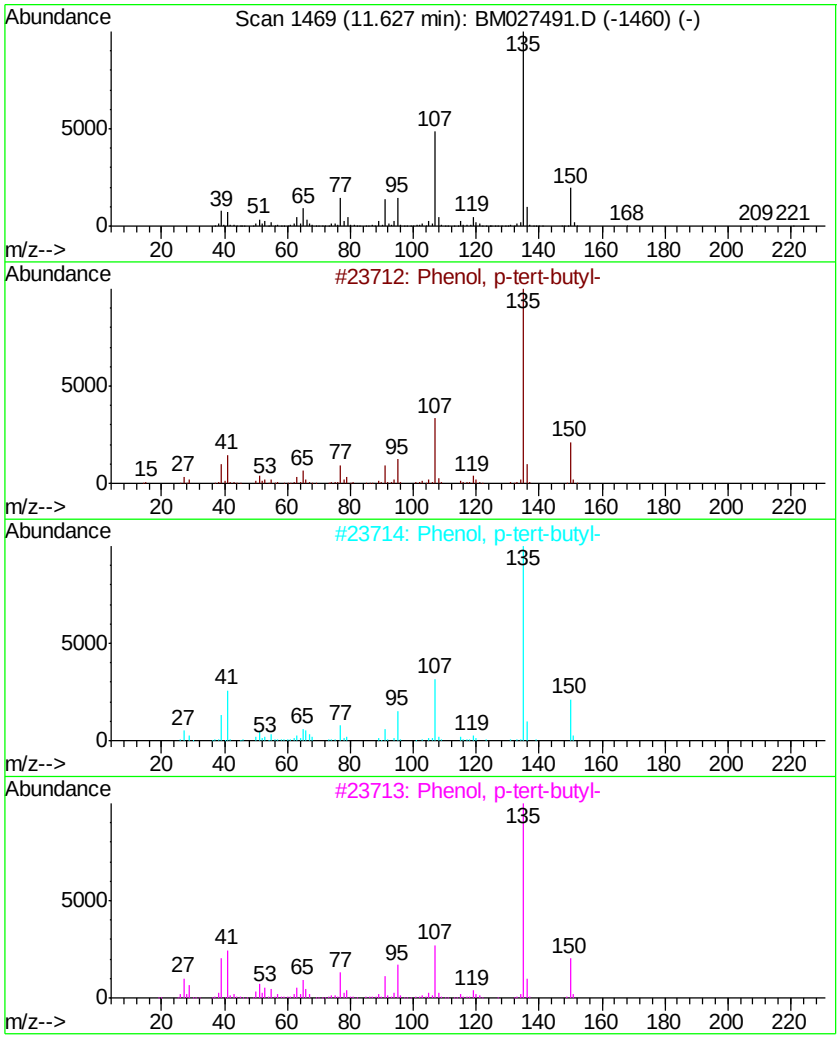
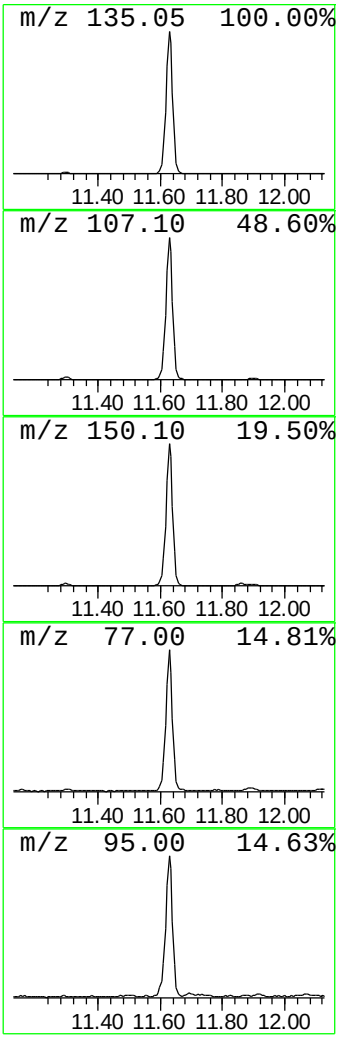
Peak Number 24 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	84.51 ng/ul	3964710	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	87
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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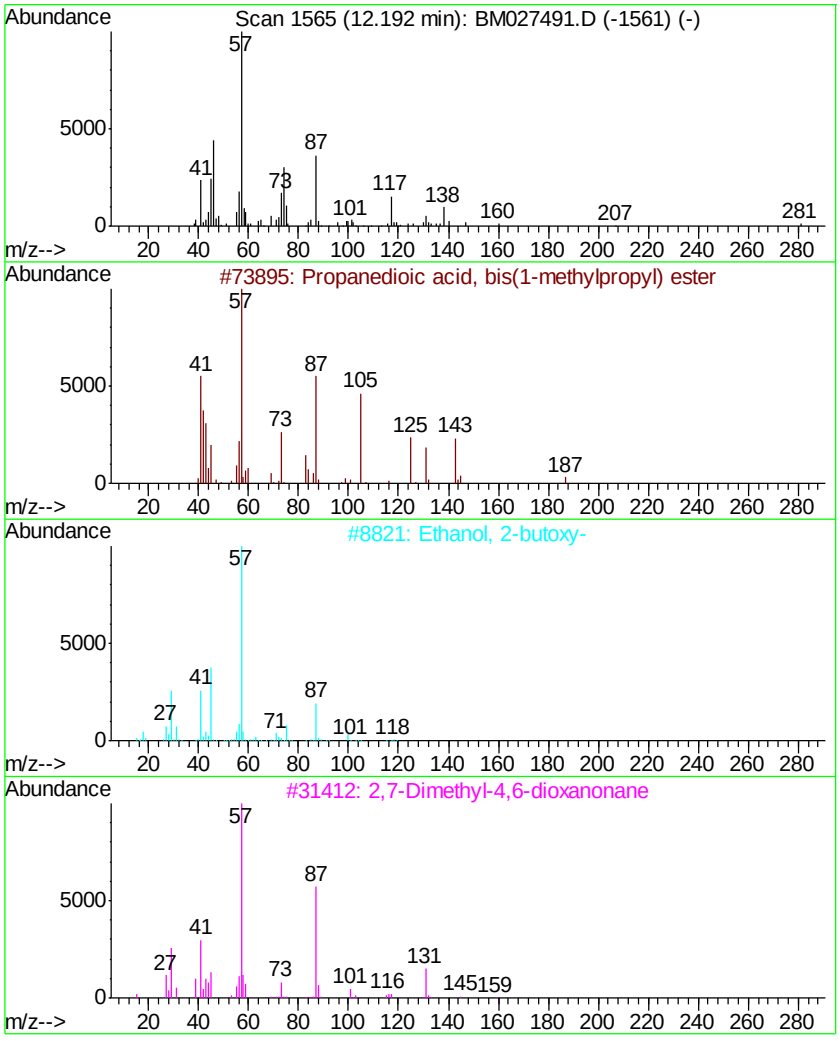
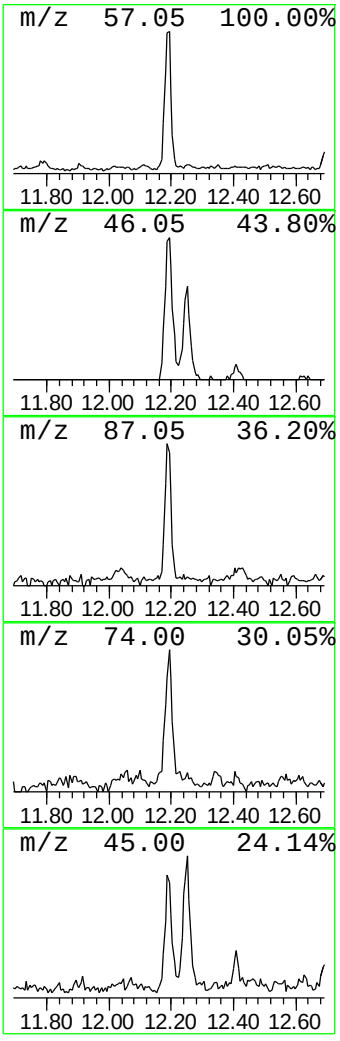
Peak Number 25 unknown-08 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.17 ng/ul	102011	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, bis(1-methylp...	216	C11H20O4	032260-07-4	35
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	30
3	2,7-Dimethyl-4,6-dioxanonane	160	C9H20O2	1000334-82-5	16
4	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	14
5	Formic acid, 1-tert-butoxyprop-2...	160	C8H16O3	1000368-95-6	14





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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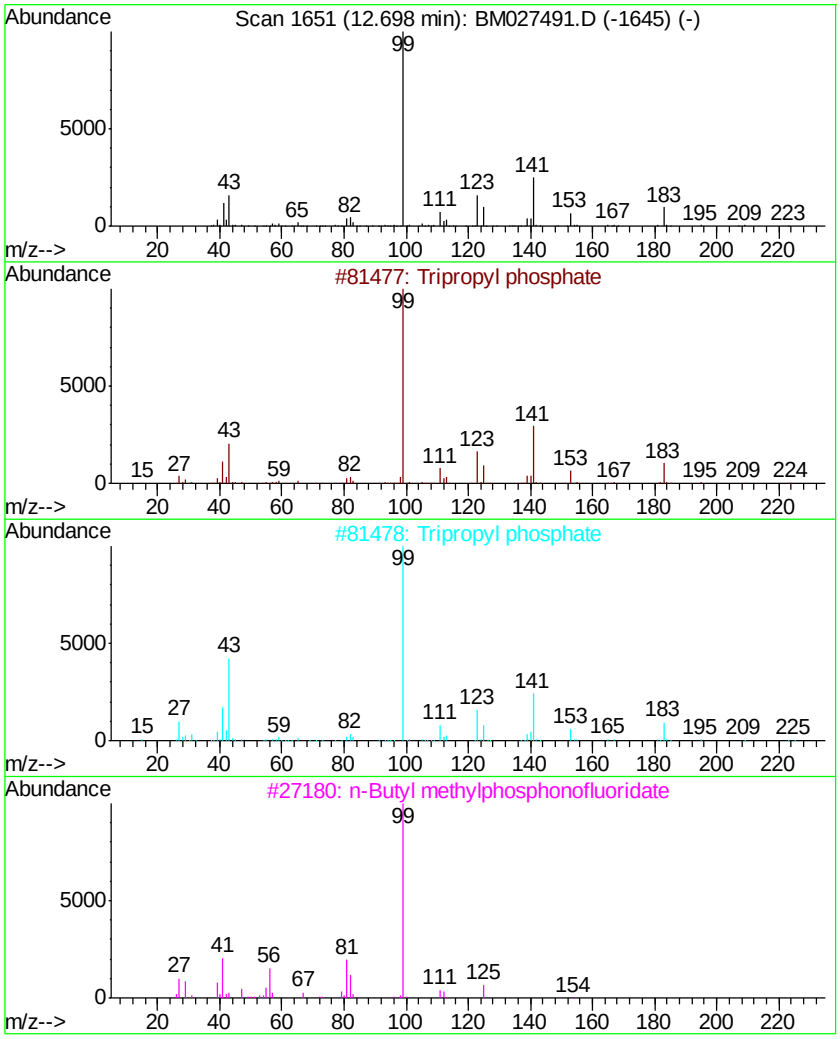
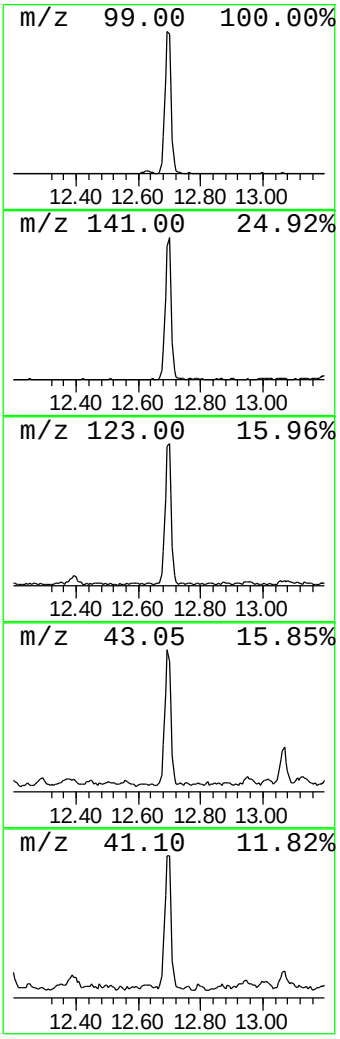
Peak Number 26 Tripropyl phosphate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	9.01 ng/ul	687065	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	83
3	n-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-63-6	47
4	Methylphoshonic acid, fluoroanhy...	170	C5H12FO3P	1000273-54-6	28
5	Spiro[1,3-dioxolane-2,2'(1'H)-na...	196	C12H20O2	006857-86-9	28





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Quant Title : SVOA CALIBRATION

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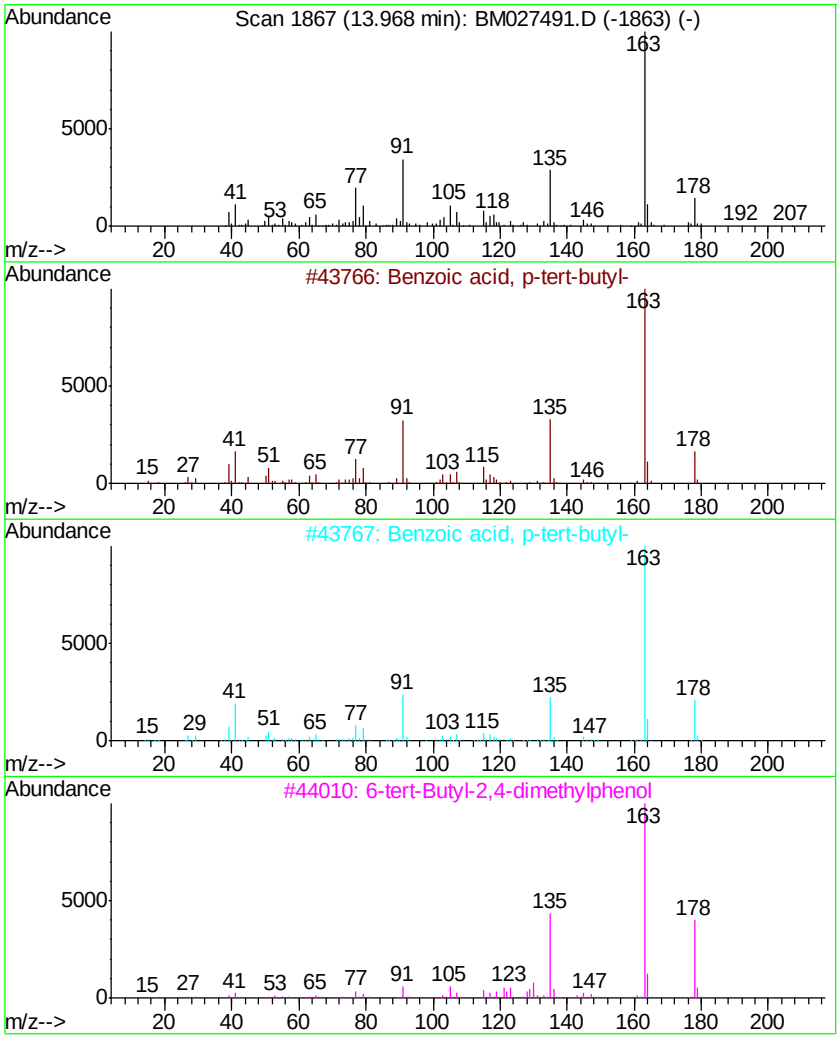
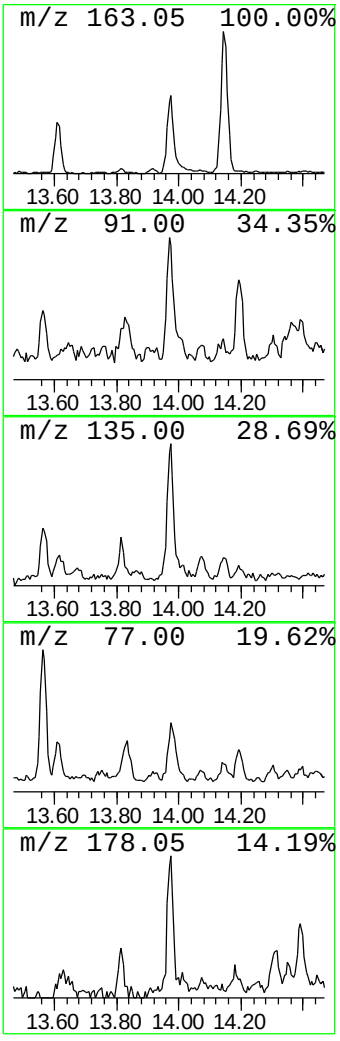
Peak Number 27 Benzoic acid, p-tert-butyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.56 ng/ul	195243	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	89
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	76
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	52
4	Propofol	178	C12H18O	002078-54-8	47
5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	43





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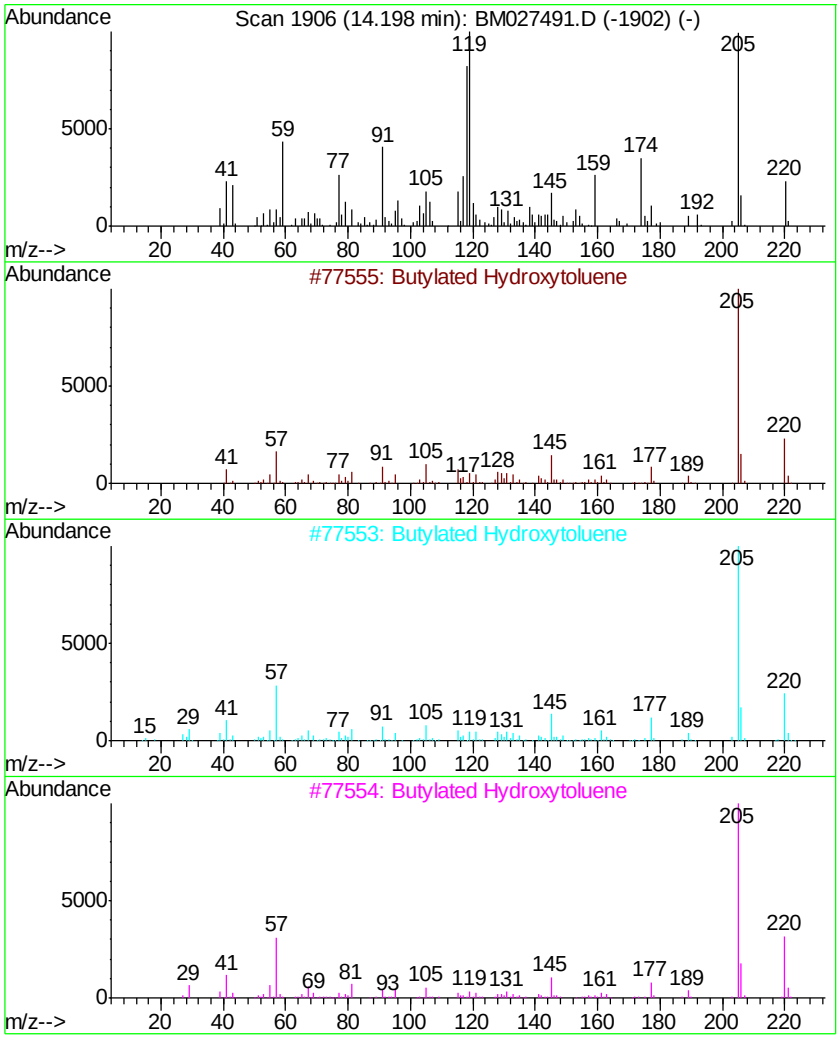
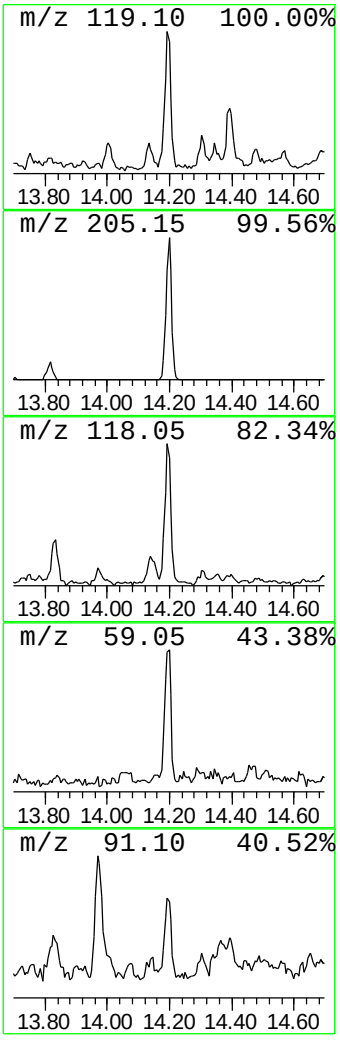
Peak Number 28 Butylated Hydroxytoluene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	2.52 ng/ul	192572	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	50
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	47
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	35
4	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	25
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25





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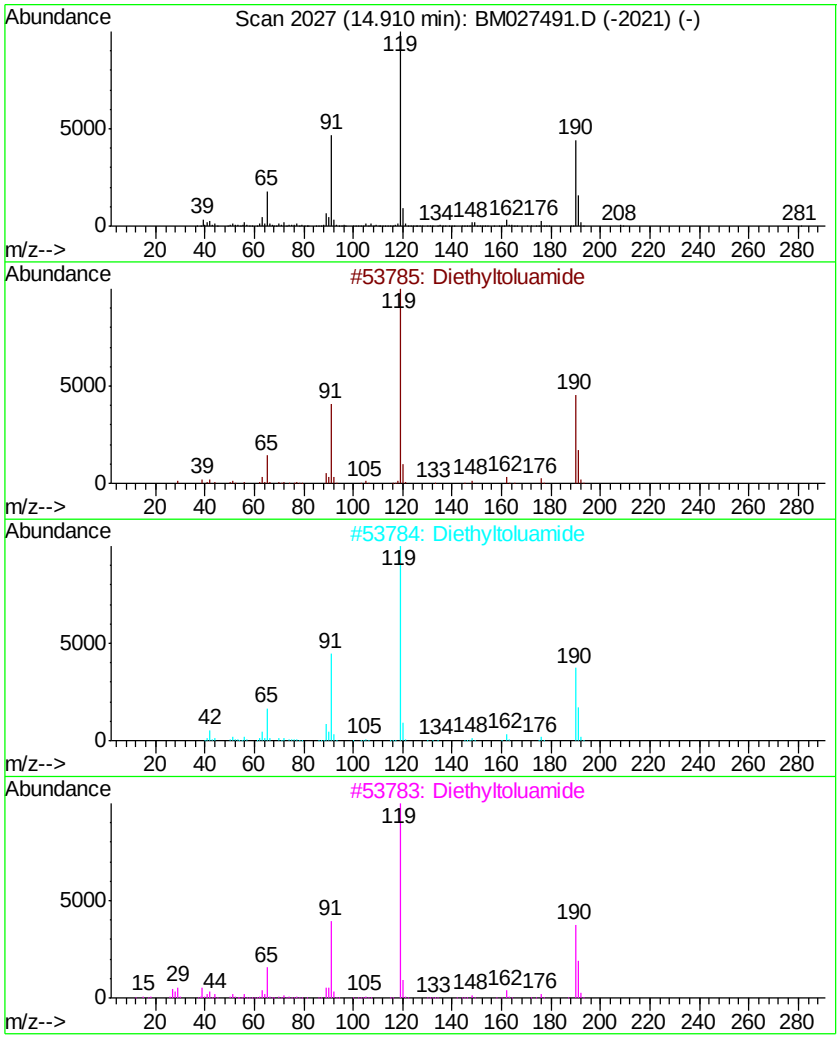
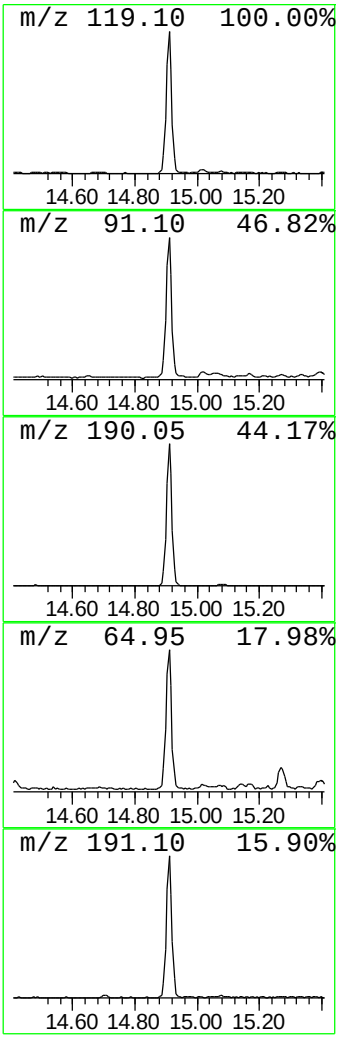
Peak Number 29 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	12.81 ng/ul	977266	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	95
4	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	62
5	1-Propanone, 2-methyl-1-(4-methy...	162	C11H14O	050390-51-7	53





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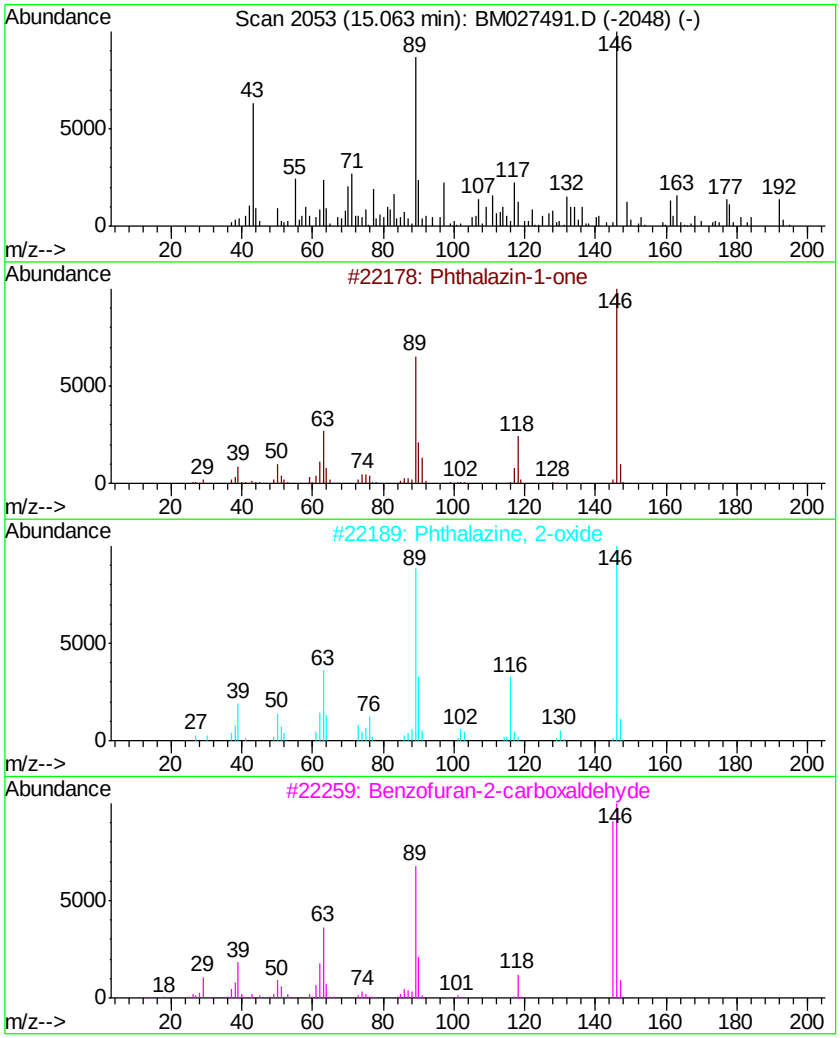
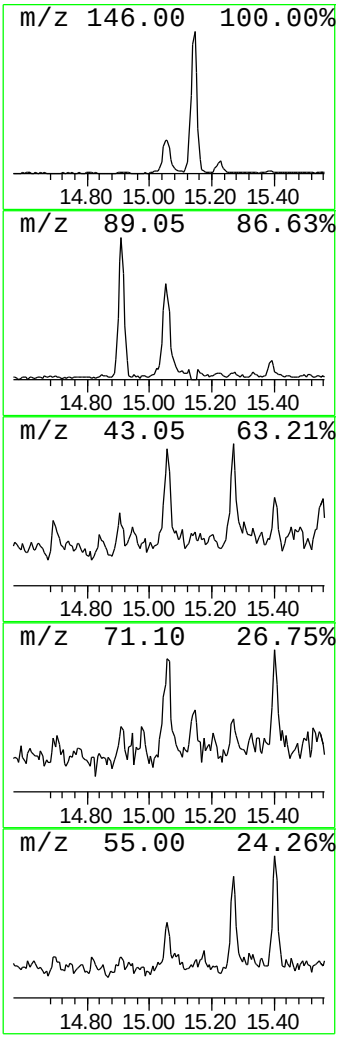
Peak Number 30 Phthalazin-1-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.59 ng/ul	197840	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalazin-1-one	146	C8H6N2O	000119-39-1	91
2	Phthalazine, 2-oxide	146	C8H6N2O	018636-89-0	80
3	Benzofuran-2-carboxaldehyde	146	C9H6O2	004265-16-1	74
4	Acetic acid, [(2-methylpropyl)th...	148	C6H12O2S	020600-62-8	53
5	Ethanol, 1-(4-nitrophenyl)-2-[1-...	304	C17H24N2O3	1000264-75-7	42





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Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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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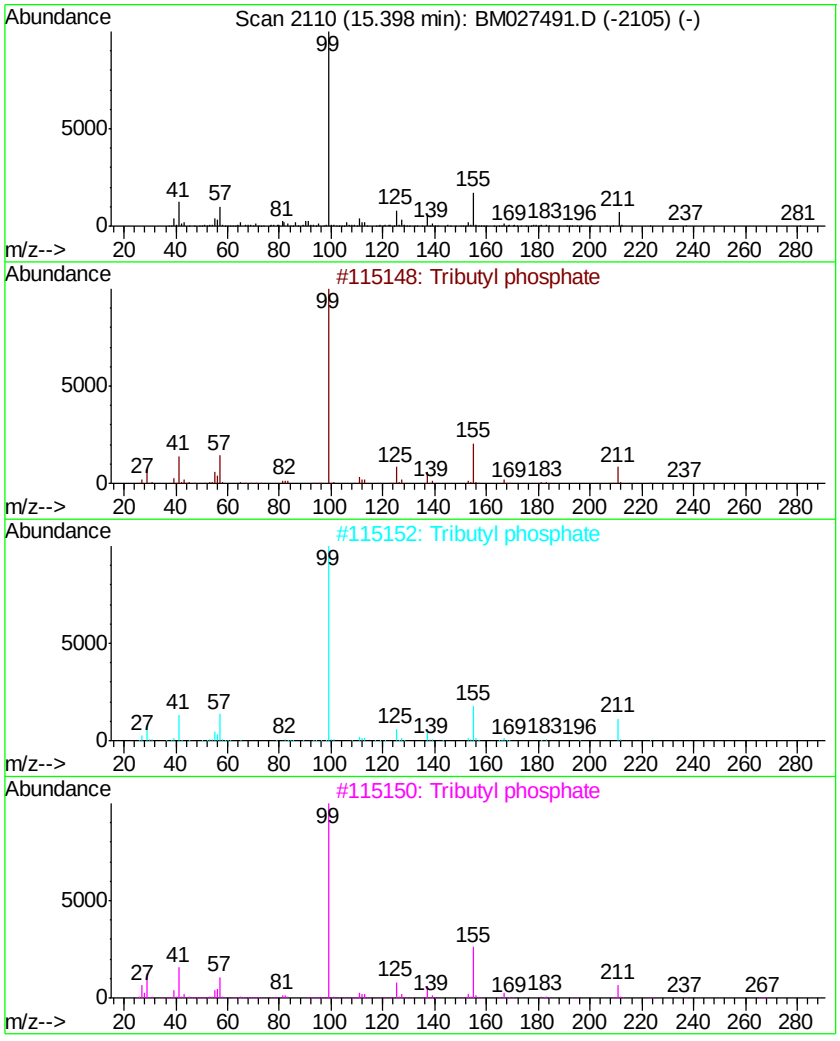
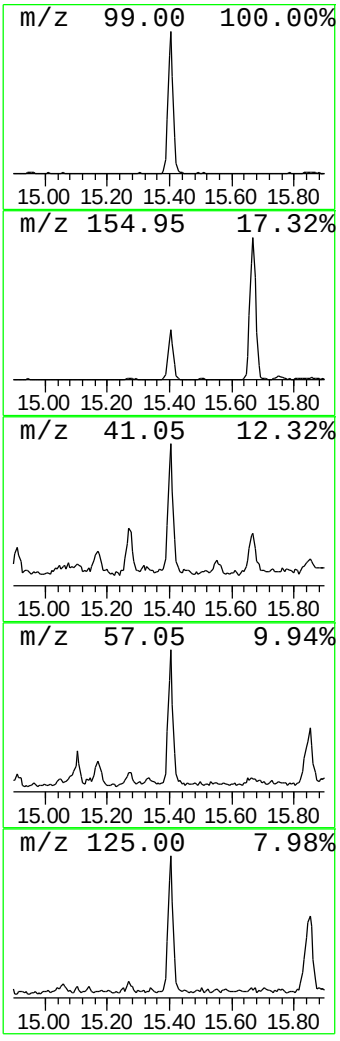
Peak Number 31 Tributyl phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	6.25 ng/ul	477093	Acenaphthene-d10	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	90
4	Tributyl phosphate	266	C12H27O4P	000126-73-8	52
5	Tributyl phosphate	266	C12H27O4P	000126-73-8	45





Library Search Compound Report

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Data File : BM027491.D
Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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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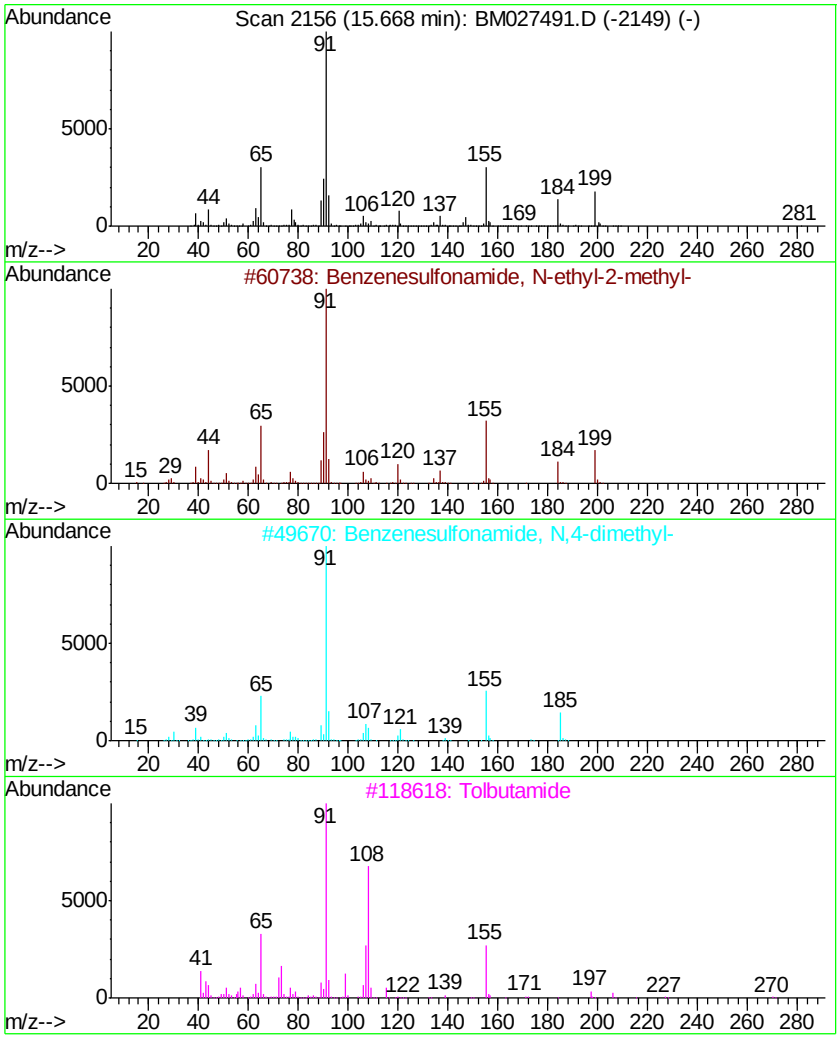
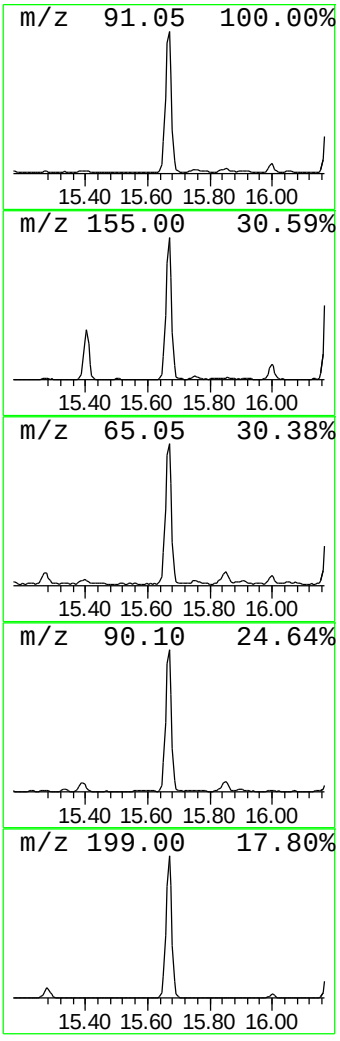
Peak Number 32 Benzenesulfonamide, N-ethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	16.90 ng/ul	1496680	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	95
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	50
3	Tolbutamide	270	C12H18N2O3S	000064-77-7	50
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50
5	N3, N.alpha.-bis*ptoluenesulfony...	462	C20H22N4O5S2	1000130-21-9	50





Library Search Compound Report

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Data File : BM027491.D
Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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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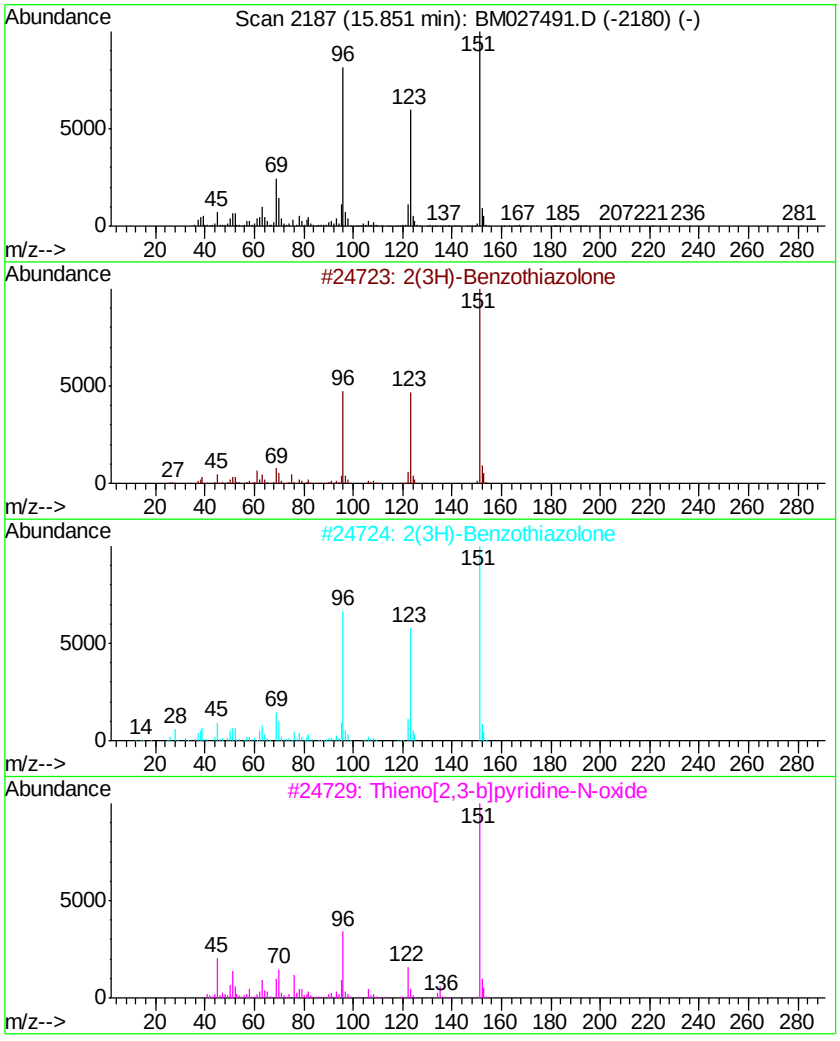
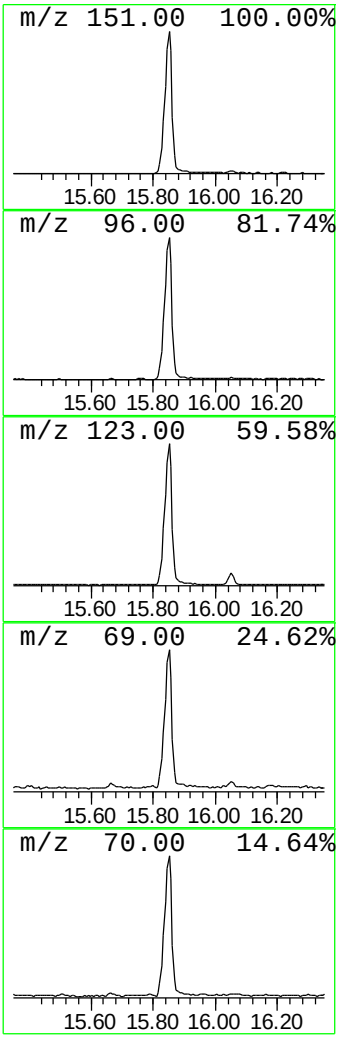
Peak Number 33 2(3H)-Benzothiazolone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	22.90 ng/ul	2027860	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
4	Benzooxazole-2-thiol	151	C7H5NOS	1000318-31-6	35
5	2-Aminothiazolo(5,4-b)pyridine	151	C6H5N3S	031784-70-0	30





Tentatively Identified Compound (LSC) summary

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Data File : BM027491.D
Acq On : 21 Sep 2020 12:17
Operator : JU/CG
Sample : L4046-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG0Q2

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
1,3-Oxathiolane	4.19	5.3	ng/ul	210117	1	7.49	800273	20.0
Butanamide, 3,3-d...	4.99	2.9	ng/ul	115495	1	7.49	800273	20.0
2-methyl-2-(2-met...	5.19	4.5	ng/ul	179574	1	7.49	800273	20.0
unknown-01	5.80	2.5	ng/ul	99620	1	7.49	800273	20.0
3-Heptanone, 5-me...	6.19	2.3	ng/ul	90860	1	7.49	800273	20.0
Ethane, 1,1'-oxyb...	6.25	2.3	ng/ul	89993	1	7.49	800273	20.0
Benzene, propyl-	6.49	2.0	ng/ul	80443	1	7.49	800273	20.0
Benzene, 1,2,4-tr...	7.16	2.2	ng/ul	86674	1	7.49	800273	20.0
Mesitylene	7.61	2.0	ng/ul	80920	1	7.49	800273	20.0
Indane	7.86	4.4	ng/ul	174534	1	7.49	800273	20.0
unknown-02	8.47	2.4	ng/ul	94709	1	7.49	800273	20.0
unknown-03	8.73	3.5	ng/ul	139375	1	7.49	800273	20.0
3-Octanol, 3,7-di...	8.82	5.6	ng/ul	223106	1	7.49	800273	20.0
unknown-04	9.00	2.2	ng/ul	101501	2	10.26	938302	20.0
unknown-05	9.12	2.7	ng/ul	125489	2	10.26	938302	20.0
Bicyclo[3.1.1]hep...	9.54	4.5	ng/ul	213354	2	10.26	938302	20.0
4H-1,3-Benzodioxin	9.69	2.7	ng/ul	126298	2	10.26	938302	20.0
unknown-06	9.82	4.0	ng/ul	189934	2	10.26	938302	20.0
unknown-07	10.32	2.3	ng/ul	109842	2	10.26	938302	20.0
2-Ethoxy-4-methyl...	11.07	2.5	ng/ul	115815	2	10.26	938302	20.0
Phenol, p-tert-bu...	11.63	84.5	ng/ul	3964710	2	10.26	938302	20.0
unknown-08	12.19	2.2	ng/ul	102011	2	10.26	938302	20.0
Tripropyl phosphate	12.70	9.0	ng/ul	687065	3	14.14	1525780	20.0
Benzoic acid, p-t...	13.97	2.6	ng/ul	195243	3	14.14	1525780	20.0
Butylated Hydroxy...	14.20	2.5	ng/ul	192572	3	14.14	1525780	20.0
Diethyltoluamide	14.91	12.8	ng/ul	977266	3	14.14	1525780	20.0
Phthalazin-1-one	15.06	2.6	ng/ul	197840	3	14.14	1525780	20.0
Tributyl phosphate	15.40	6.3	ng/ul	477093	3	14.14	1525780	20.0
Benzenesulfonamid...	15.67	16.9	ng/ul	1496680	4	16.89	1771070	20.0
2(3H)-Benzothiazo...	15.85	22.9	ng/ul	2027860	4	16.89	1771070	20.0