LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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-BM061220MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM026521.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.969	11	14	15	rBV	40238	36756	0.70%	0.084%
2	2.998	15	19	30	rVB	460653	645388	12.34%	1.470%
3	3.745	142	146	150	rVV	127693	164296	3.14%	0.374%
4	3.787	150	153	157	rVB	21343	28456	0.54%	0.065%
5	4.093	200	205	215	rVB	134572	209628	4.01%	0.477%
6	4.751	311	317	323	rVB	18129	28650	0.55%	0.065%
7	5.069	367	371	380	rVB3	14623	28867	0.55%	0.066%
8	5.704	470	479	483	rBV	21128	41008	0.78%	0.093%
9	6.369	587	592	600	rVB6	29083	62308	1.19%	0.142%
10	6.586	620	629	642	rBV2	117730	286111	5.47%	0.652%
11	6.734	649	654	670	rBV	332325	541773	10.36%	1.234%
12	6.863	671	676	680	rBV3	18667	32317	0.62%	0.074%
13	6.922	680	686	694	rVB	410555	627770	12.00%	1.430%
14	7.045	700	707	716	rBV4	18686	46369	0.89%	0.106%
15	7.381	754	764	771	rBV	526895	849079	16.23%	1.934%
16	7.463	773	778	784	rVV5	52019	113342	2.17%	0.258%
17	7.516	784	787	797	rVB	53620	90219	1.72%	0.205%
18	7.745	821	826	831	rVB3	22174	34510	0.66%	0.079%
19	8.045	866	877	879	rBV8	11080	27222	0.52%	0.062%
20	8.110	881	888	894	rVV	340772	559772	10.70%	1.275%
21	8.163	894	897	904	rVB6	25634	47580	0.91%	0.108%
22	8.286	912	918	921	rVV4	12215	24140	0.46%	0.055%
23	8.363	924	931	940	rVV	3360314	5231033	100.00%	11.914%
24	8.428	940	942	946	rVV5	18851	29976	0.57%	0.068%
25	8.480	946	951	954	rVV	64845	113237	2.16%	0.258%
26	8.528	954	959	967	rVV	484185	780027	14.91%	1.777%
27	8.604	967	972	980	rVB	124962	201165	3.85%	0.458%
28	8.722	987	992	999	rVB4	30663	54967	1.05%	0.125%
29	8.875	1013	1018	1025	rBV4	48133	84412	1.61%	0.192%
30	8.986	1032	1037	1039	rBV3	17696	26849	0.51%	0.061%
31	9.027	1039	1044	1048	rVV	90482	141493	2.70%	0.322%
32	9.239	1074	1080	1092	rVB	417234	712225	13.62%	1.622%
33	9.363	1094	1101	1106	rBV2	44573	90785	1.74%	0.207%
34	9.416	1106	1110	1116	rVB	47430	70831	1.35%	0.161%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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-BM061220MA.M
Title : SVOA CALIBRATION

35	9.527	1122	1129	1132	rBV	226905	380720	7.28%	0.867%
36	9.563	1132	1135	1143	rVB	216460	322475	6.16%	0.734%
37	9.692	1148	1157	1166	rVB3	109594	232195	4.44%	0.529%
38	9.780	1166	1172	1177	rBV	587657	1039710	19.88%	2.368%
39	9.951	1192	1201	1207	rBV7	26121	77053	1.47%	0.175%
40	10.139	1220	1233	1238	rBV	768983	1327025	25.37%	3.022%
41	10.192	1238	1242	1249	rVB3	43017	100254	1.92%	0.228%
42	10.286	1249	1258	1270	rBV	574561	1110211	21.22%	2.529%
43	10.451	1281	1286	1292	rBV6	27794	55337	1.06%	0.126%
44	10.616	1309	1314	1320	rBV9	23769	45952	0.88%	0.105%
45	10.798	1342	1345	1349	rVB4	21414	26993	0.52%	0.061%
46	10.845	1349	1353	1361	rVB5	33422	72955	1.39%	0.166%
47	10.998	1366	1379	1384	rBV4	75337	223587	4.27%	0.509%
48	11.098	1391	1396	1399	rBV6	15457	29892	0.57%	0.068%
49	11.163	1399	1407	1412	rVV7	28507	76090	1.45%	0.173%
50	11.227	1414	1418	1422	rVB5	22798	38485	0.74%	0.088%
51	11.345	1434	1438	1449	rVB5	44410	92932	1.78%	0.212%
52	11.445	1451	1455	1460	rBV8	12280	25489	0.49%	0.058%
53	11.510	1460	1466	1472	rVB	90956	151764	2.90%	0.346%
54	11.663	1485	1492	1499	rBV	1120677	1807862	34.56%	4.118%
55	11.769	1499	1510	1516	rVV	213291	410189	7.84%	0.934%
56	11.880	1524	1529	1536	rBV7	39239	78185	1.49%	0.178%
57	12.174	1575	1579	1586	rVB	39748	67059	1.28%	0.153%
58	12.386	1612	1615	1625	rVB9	22565	36687	0.70%	0.084%
59	12.745	1672	1676	1677	rBV4	20998	25095	0.48%	0.057%
60	12.833	1686	1691	1695	rBV6	30411	50795	0.97%	0.116%
61	12.886	1696	1700	1707	rVB2	57859	96508	1.84%	0.220%
62	12.957	1707	1712	1720	rBV	88576	160762	3.07%	0.366%
63	13.086	1729	1734	1741	rVB3	56280	104864	2.00%	0.239%
64	13.415	1786	1790	1793	rBV5	18634	28580	0.55%	0.065%
65	13.463	1793	1798	1803	rVV	1068099	1425803	27.26%	3.247%
66	13.510	1803	1806	1812	rVB	423750	533482	10.20%	1.215%
67	13.598	1817	1821	1825	rBV6	29052	44832	0.86%	0.102%
68	13.645	1826	1829	1836	rVB5	30176	47453	0.91%	0.108%
69	13.721	1836	1842	1849	rBV	1065458	1499415	28.66%	3.415%
70	13.968	1879	1884	1890	rVB	132844	185583	3.55%	0.423%
71	14.033	1890	1895	1903	rBV	1161887	1742511	33.31%	3.969%

LSC Area Percent Report

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Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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-BM061220MA.M
Title : SVOA CALIBRATION

72	14.098	1903	1906	1910	rVB	29285	32585	0.62%	0.074%
73	14.304	1937	1941	1950	rBV2	58648	142509	2.72%	0.325%
74	14.815	2024	2028	2031	rBV	43874	67221	1.29%	0.153%
75	15.039	2060	2066	2072	rVB	1270973	1746904	33.40%	3.979%
76	15.098	2073	2076	2080	rVB3	22429	27290	0.52%	0.062%
77	15.186	2086	2091	2095	rBV	349174	486209	9.29%	1.107%
78	15.309	2108	2112	2116	rBV2	74983	87597	1.67%	0.200%
79	15.515	2144	2147	2150	rVB4	30886	36545	0.70%	0.083%
80	15.580	2152	2158	2165	rVB	774216	1059171	20.25%	2.412%
81	15.756	2182	2188	2192	rBV2	197349	338992	6.48%	0.772%
82	15.909	2210	2214	2218	rBV	47757	66483	1.27%	0.151%
83	16.092	2240	2245	2252	rBV	480749	643207	12.30%	1.465%
84	16.151	2253	2255	2260	rVB3	36682	40536	0.77%	0.092%
85	16.368	2288	2292	2295	rBV2	74065	105898	2.02%	0.241%
86	16.792	2359	2364	2369	rBV	1524545	2025777	38.73%	4.614%
87	16.833	2369	2371	2375	rVB	58740	66386	1.27%	0.151%
88	16.892	2375	2381	2390	rBV	1384333	1920376	36.71%	4.374%
89	17.003	2397	2400	2405	rVB	40436	56098	1.07%	0.128%
90	17.215	2433	2436	2446	rVB5	66602	117699	2.25%	0.268%
91	17.733	2521	2524	2527	rBV3	53858	67923	1.30%	0.155%
92	17.997	2566	2569	2577	rBV4	83432	132475	2.53%	0.302%
93	18.492	2649	2653	2657	rVB	147589	188506	3.60%	0.429%
94	19.197	2768	2773	2780	rBV2	1643683	2196133	41.98%	5.002%
95	19.274	2782	2786	2796	rVB	205527	284027	5.43%	0.647%
96	20.750	3033	3037	3045	rBV	781728	924316	17.67%	2.105%
97	21.003	3075	3080	3088	rBV	1829486	2171967	41.52%	4.947%
98	22.962	3408	3413	3419	rVV	666396	1063046	20.32%	2.421%
99	23.021	3420	3423	3428	rVV	145665	200924	3.84%	0.458%
100	23.091	3429	3435	3442	rVB	1064550	1771300	33.86%	4.034%

Sum of corrected areas: 43905445

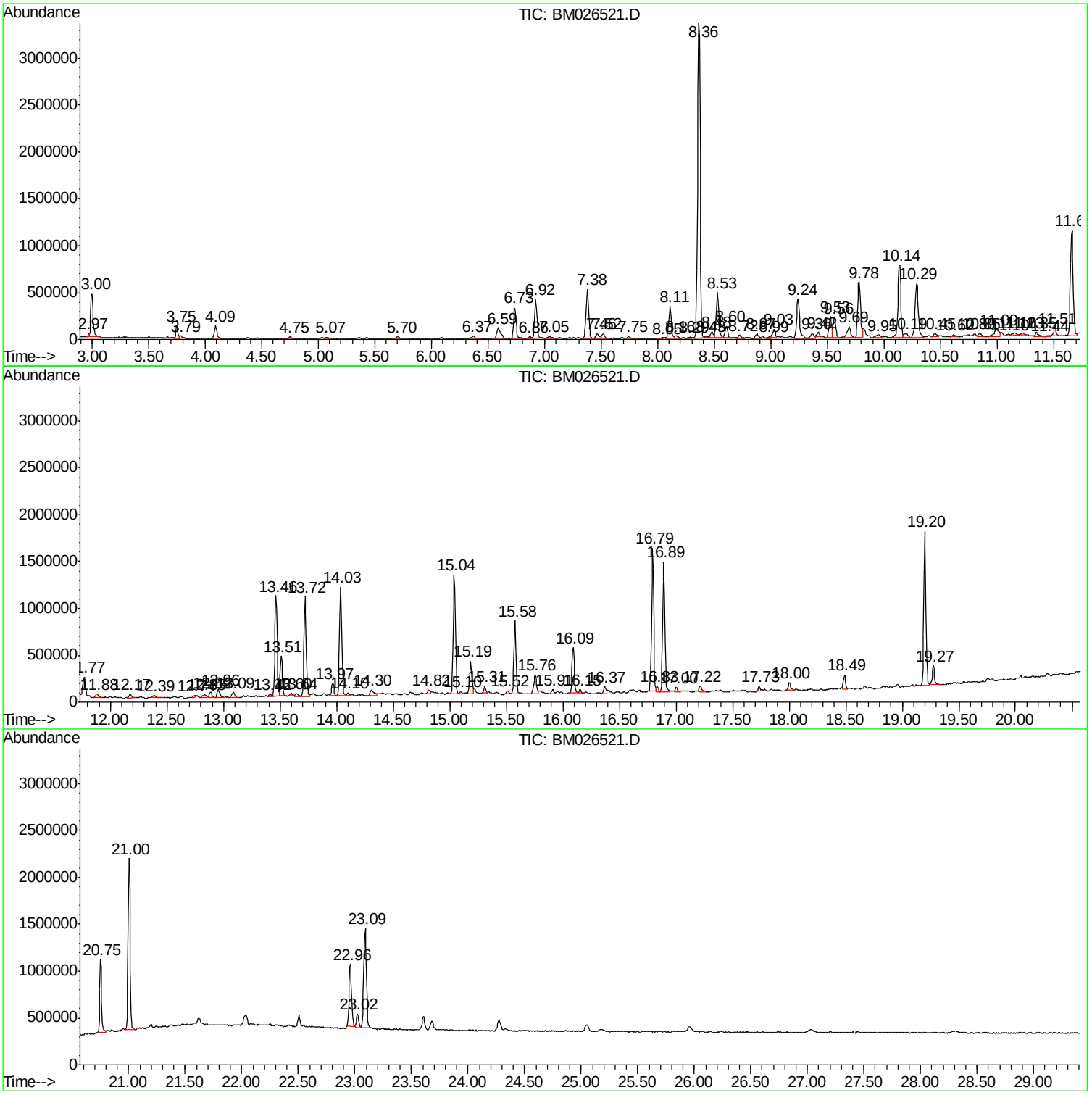
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

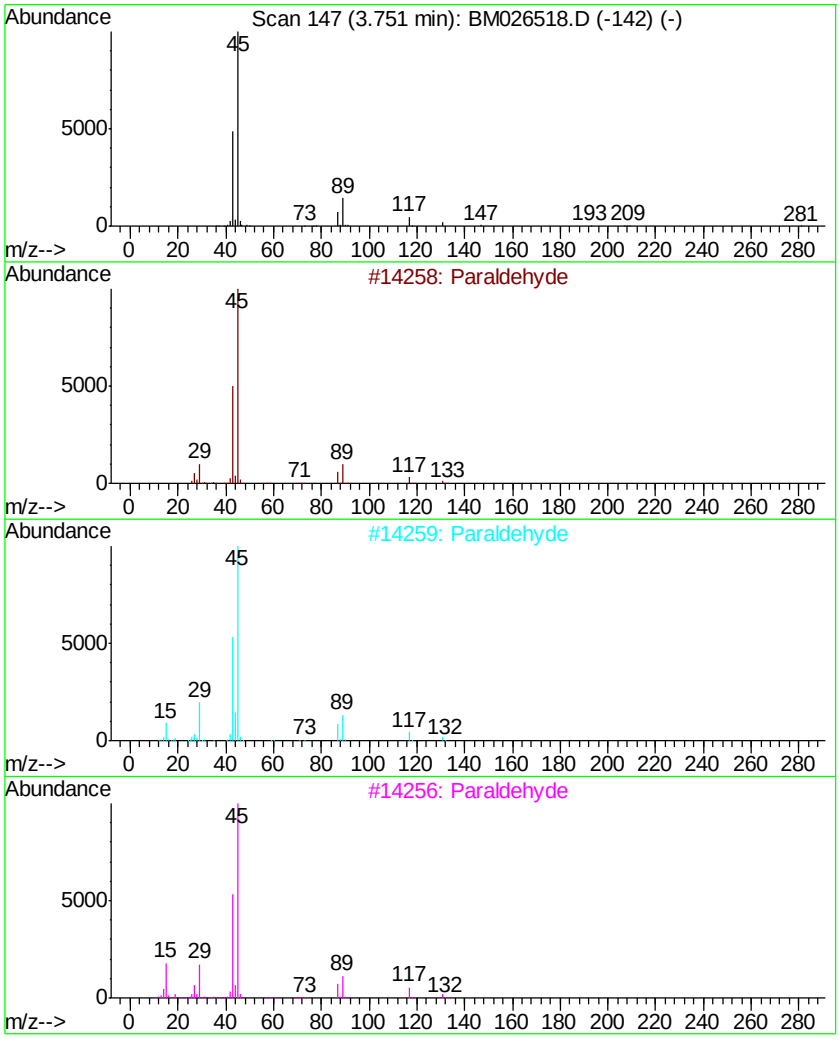
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

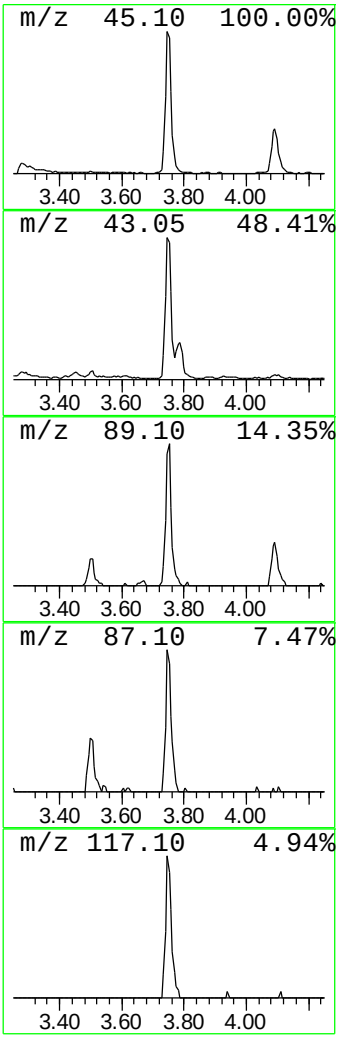
****

Peak Number 1 Paraldehyde Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.87 ng/ul	164296	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Paraldehyde	132	C6H12O3	000123-63-7	83
2	Paraldehyde	132	C6H12O3	000123-63-7	64
3	Paraldehyde	132	C6H12O3	000123-63-7	64
4	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	40
5	2,3-Butanediol	90	C4H10O2	000513-85-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

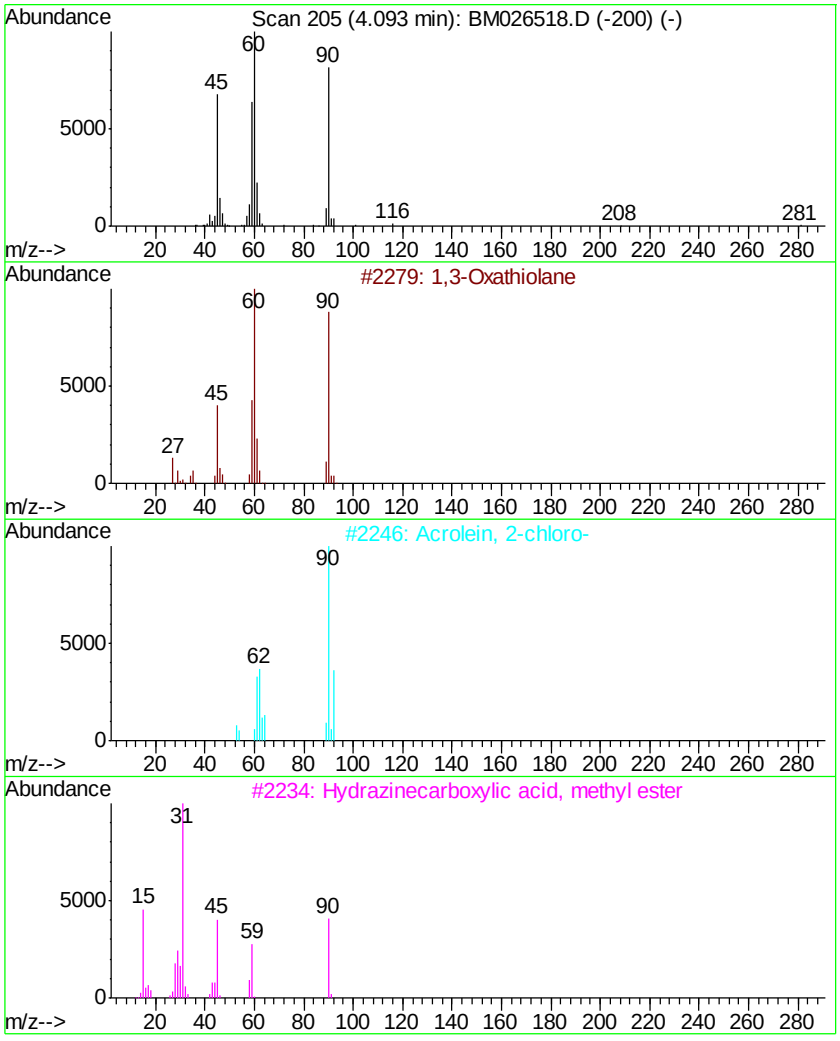
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

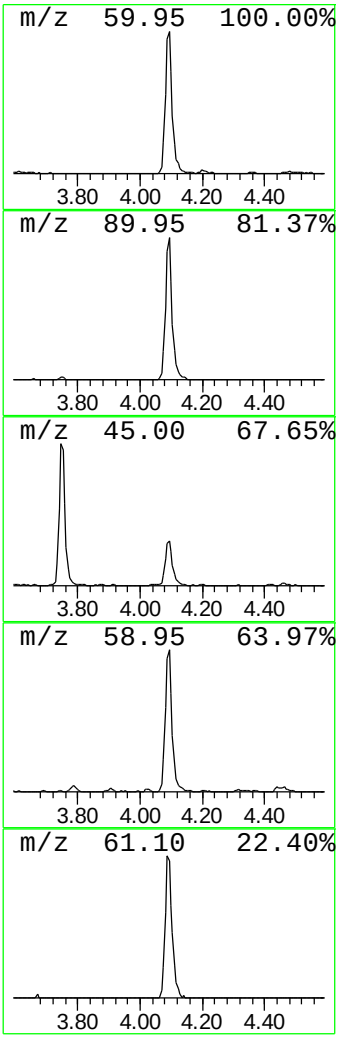
****

Peak Number 2 1,3-Oxathiolane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	4.94 ng/ul	209628	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	87
2	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	59
3	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
4	3-Thietanol	90	C3H6OS	010304-16-2	53
5	Noxytiolin	120	C3H8N2OS	015599-39-0	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

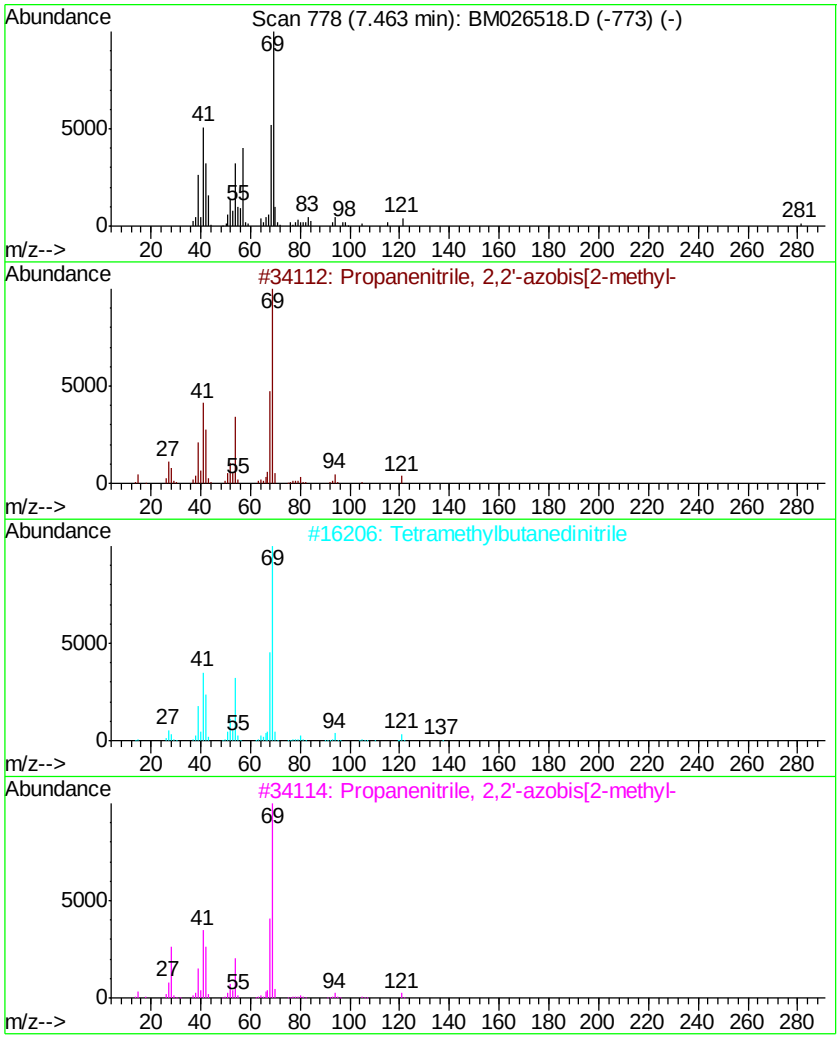
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

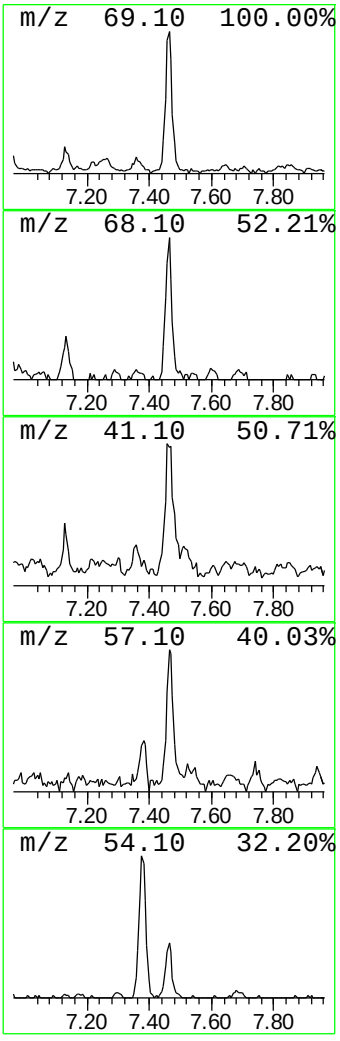
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanenitrile, 2,2'-azobis... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.67 ng/ul	113342	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	90
2	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	90
3	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	83
4	Propanenitrile, 2,2'-azobis[2-me...	164	C8H12N4	000078-67-1	74
5	Tetramethylbutanedinitrile	136	C8H12N2	003333-52-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

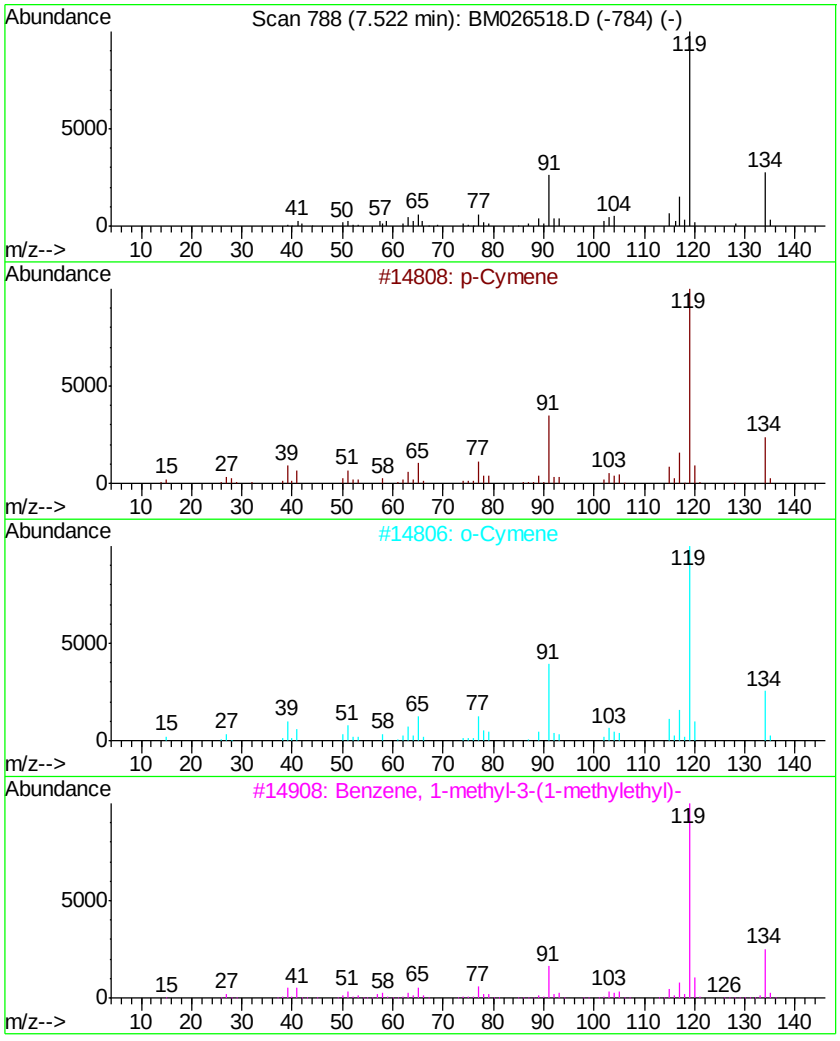
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

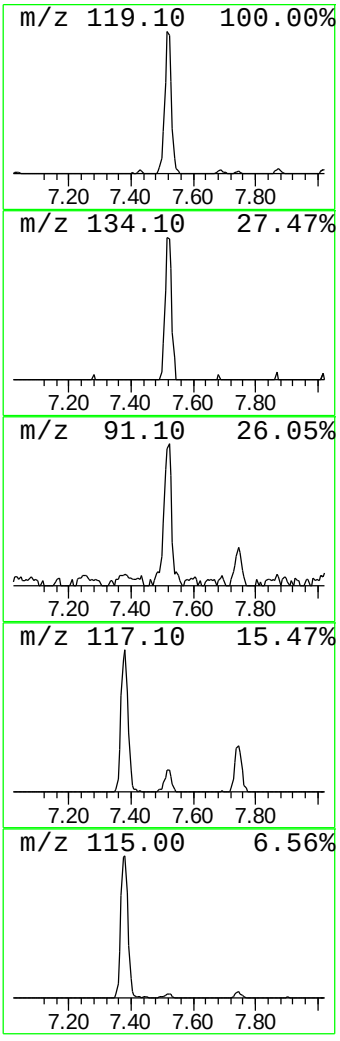
****

Peak Number 4 p-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	2.13 ng/ul	90219	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

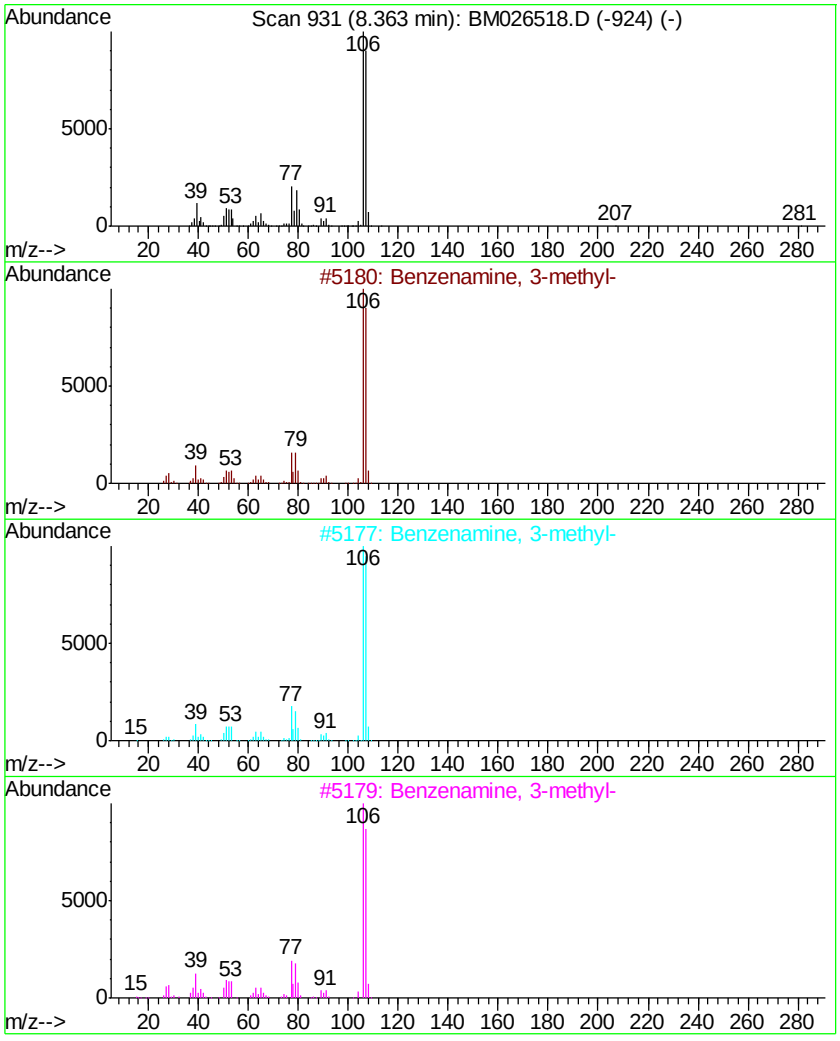
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

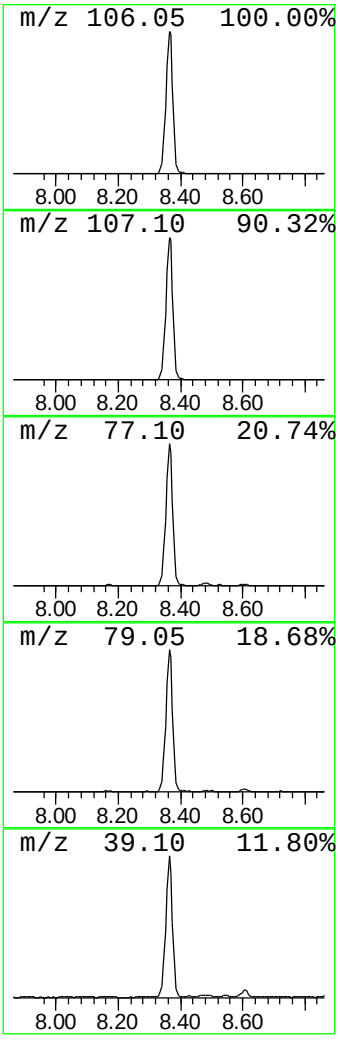
****

Peak Number 5 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	123.22 ng/ul	5231030	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	94
5	o-Toluidine	107	C7H9N	000095-53-4	93





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Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

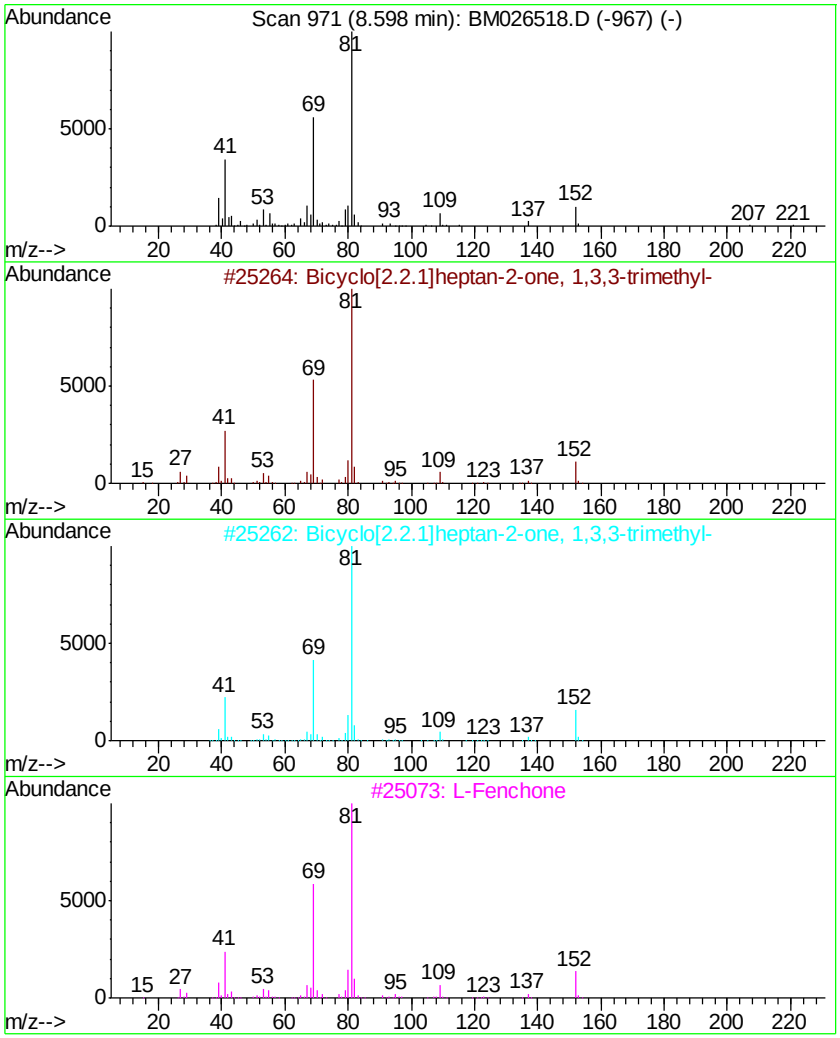
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

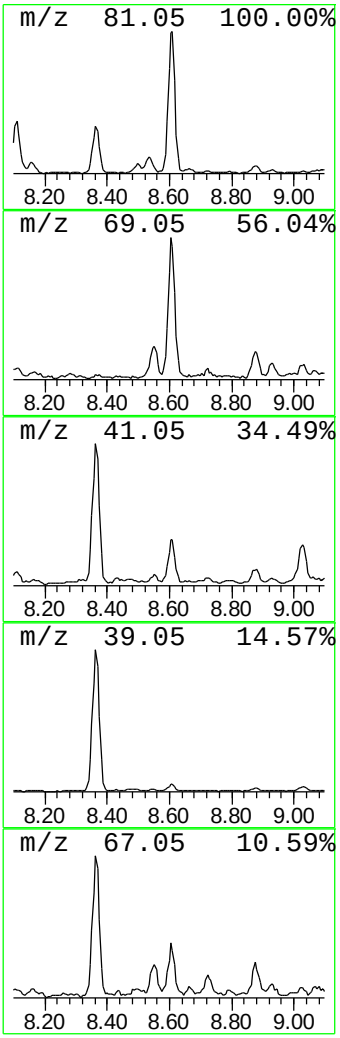
****

Peak Number 6 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.74 ng/ul	201165	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
3	L-Fenchone	152	C10H16O	007787-20-4	87
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	86
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	83





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Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

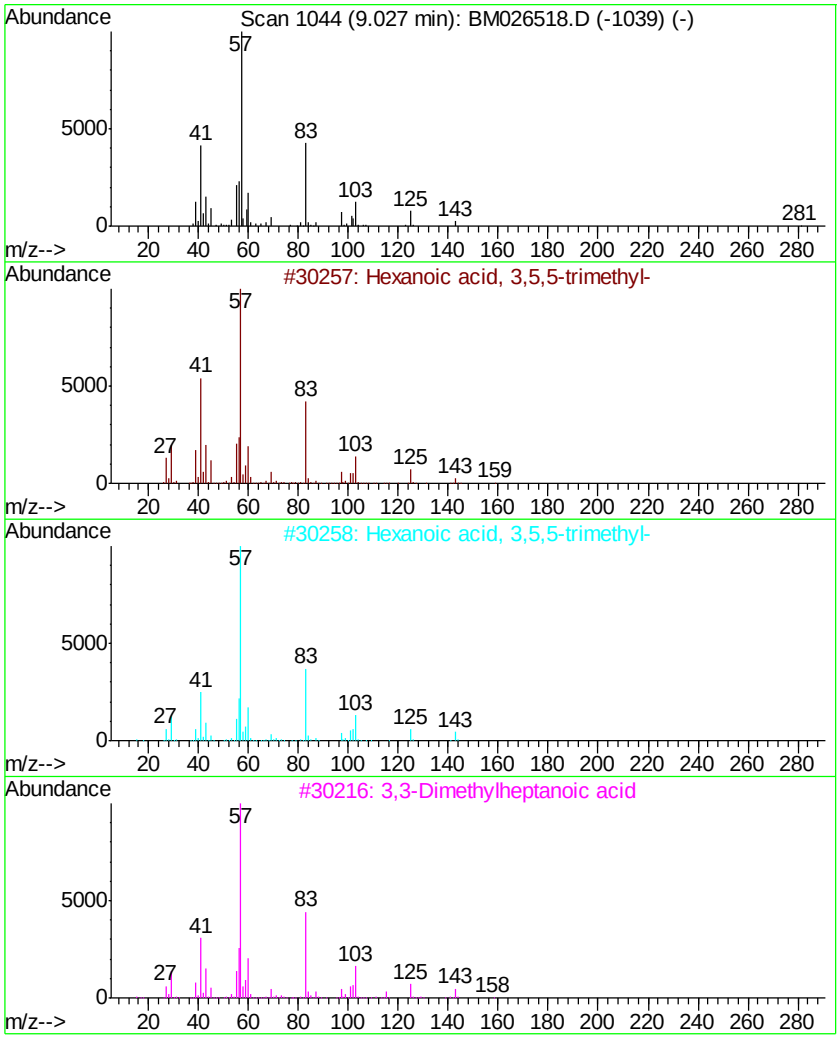
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

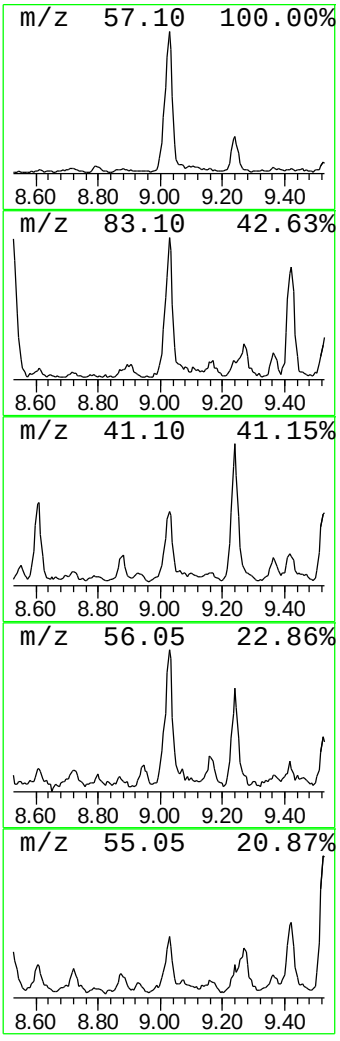
****

Peak Number 7 Hexanoic acid, 3,5,5-trimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.13 ng/ul	141493	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	90
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	74
3	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	74
4	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	53
5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	39





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Operator : JU/CG
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

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

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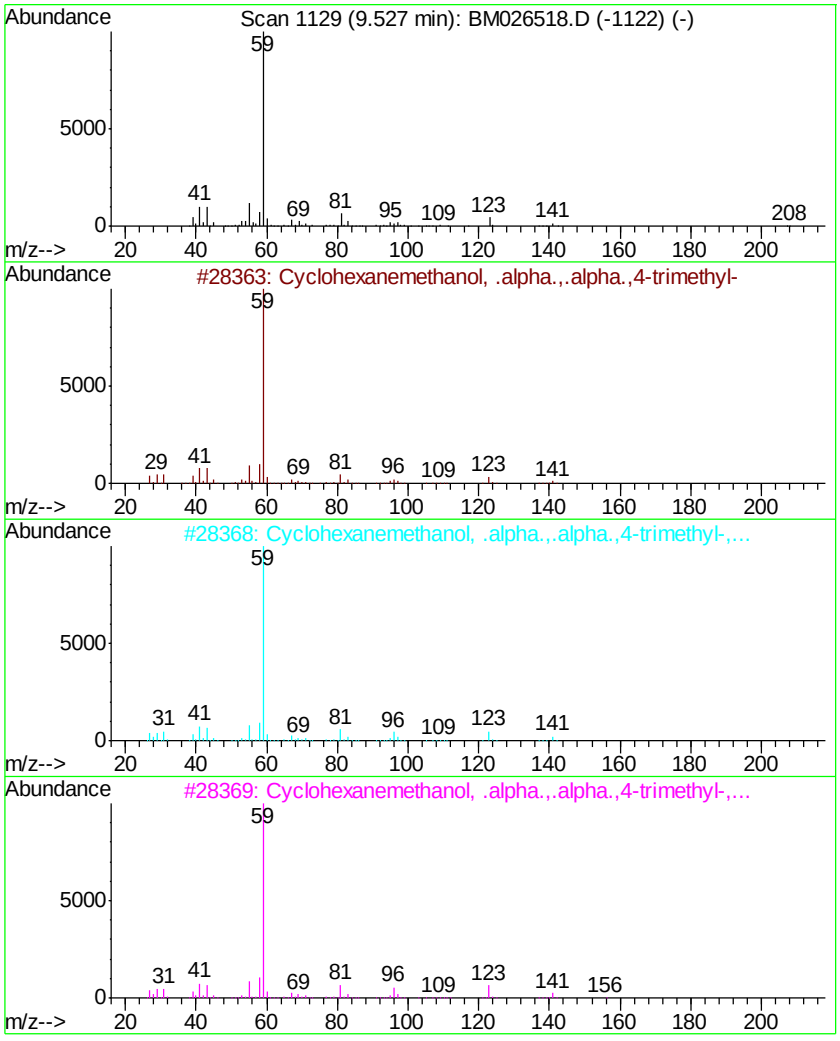
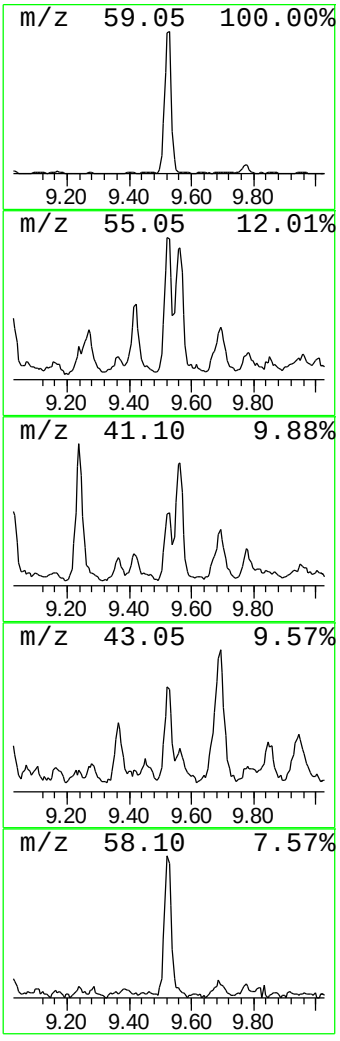
Peak Number 8 Cyclohexanemethanol, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.74 ng/ul	380720	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	83
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
4	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56
5	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	45





Library Search Compound Report

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Sample : L3069-11
Misc :
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Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

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

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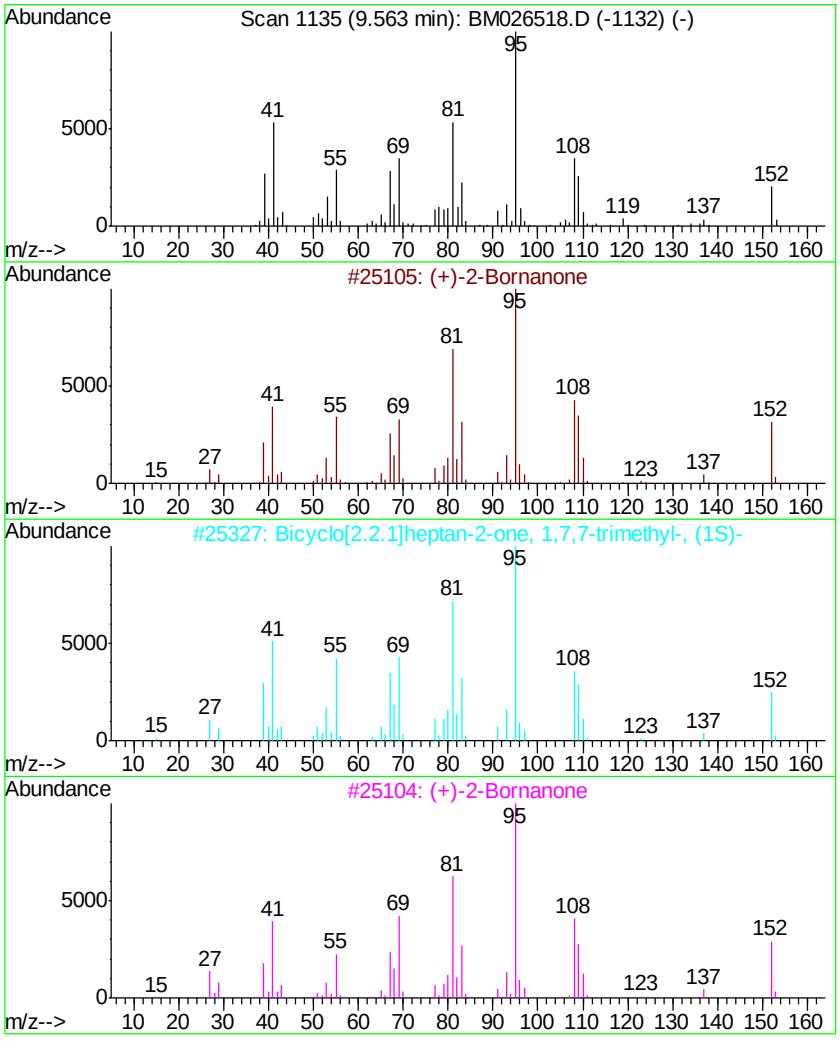
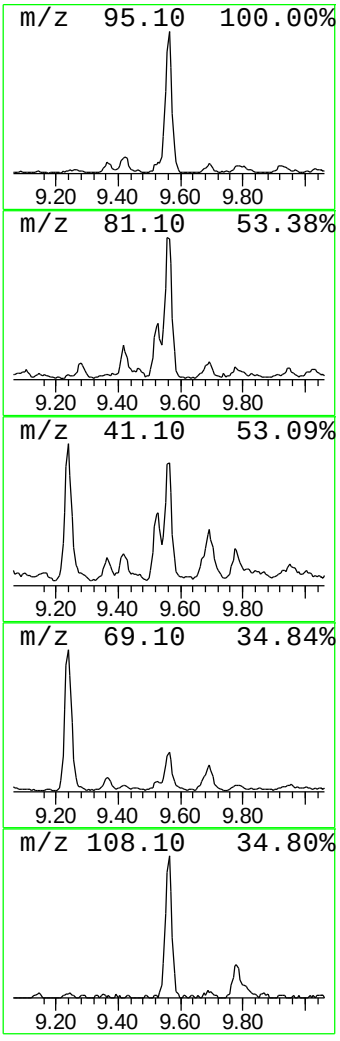
Peak Number 9 (+)-2-Bornanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.86 ng/ul	322475	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	92
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	90
4	Camphor	152	C10H16O	000076-22-2	90
5	Camphor	152	C10H16O	000076-22-2	83





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Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

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

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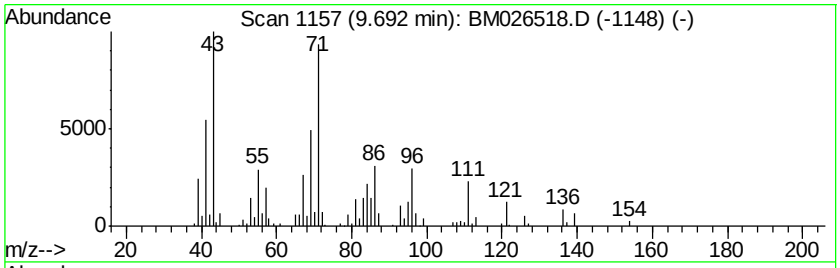
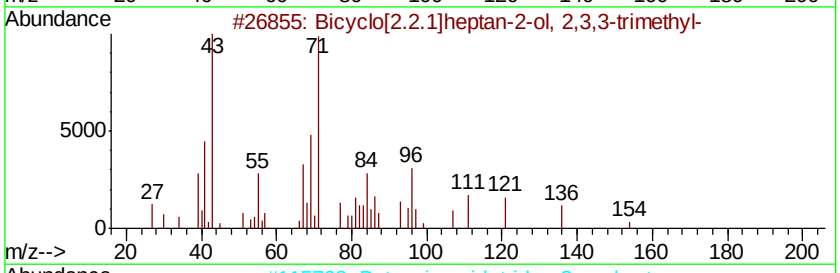
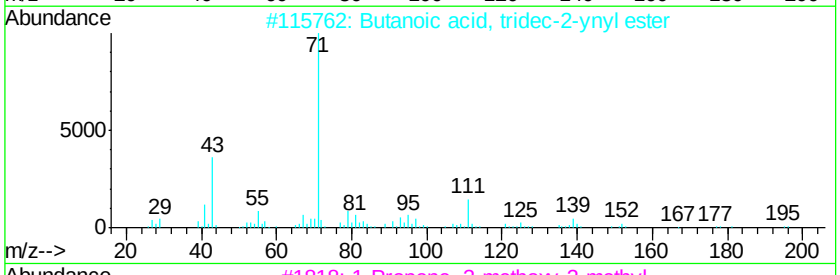
Peak Number 10 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 12

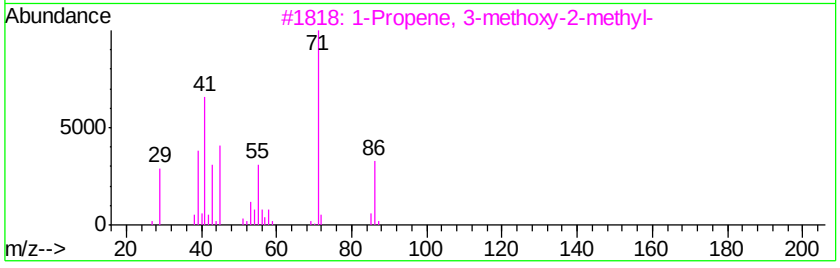
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	3.50 ng/ul	232195	Naphthalene-d8	10.14

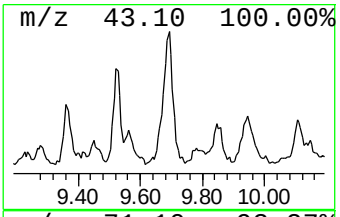
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	87
2	Butanoic acid, tridec-2-ynyl ester	266	C17H30O2	1000299-12-6	38
3	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	38
4	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	38
5	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	38

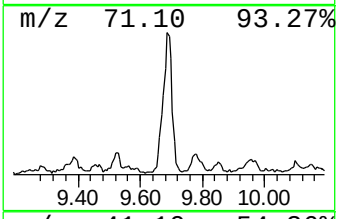


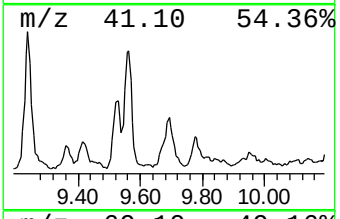


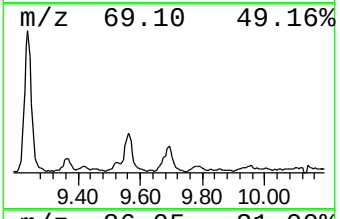


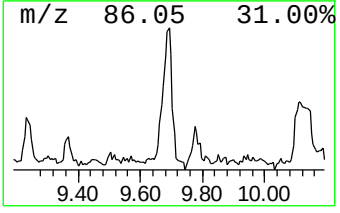












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Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

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

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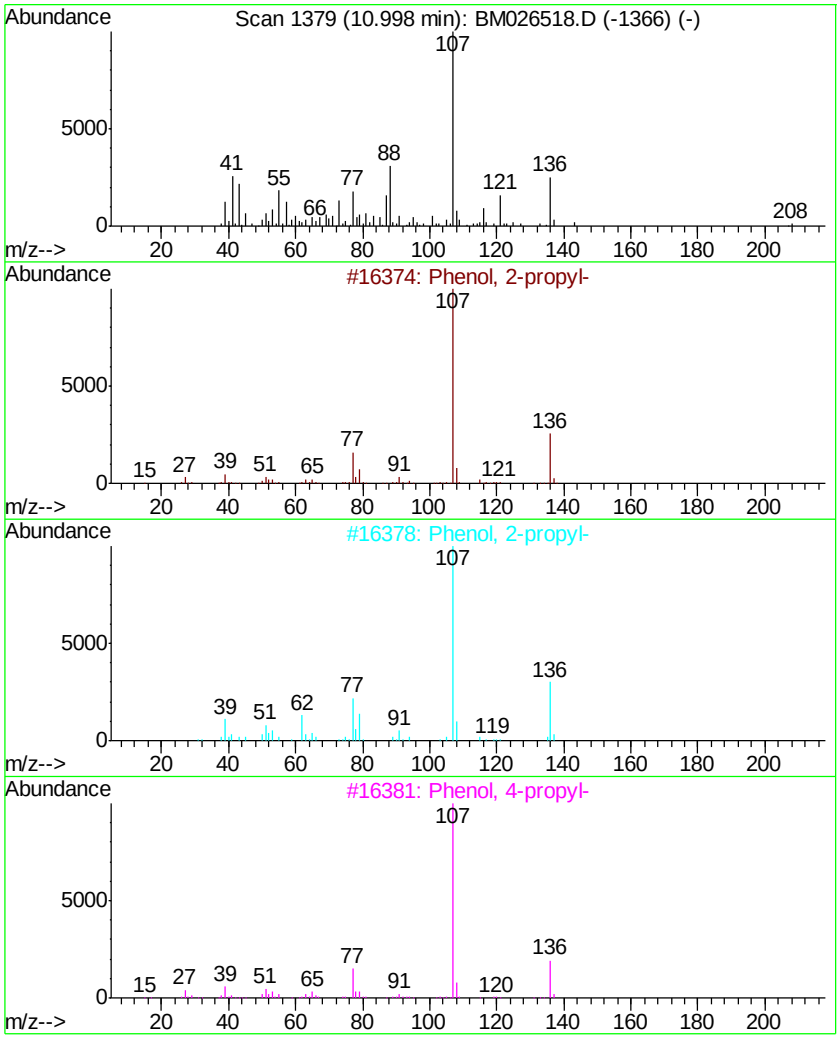
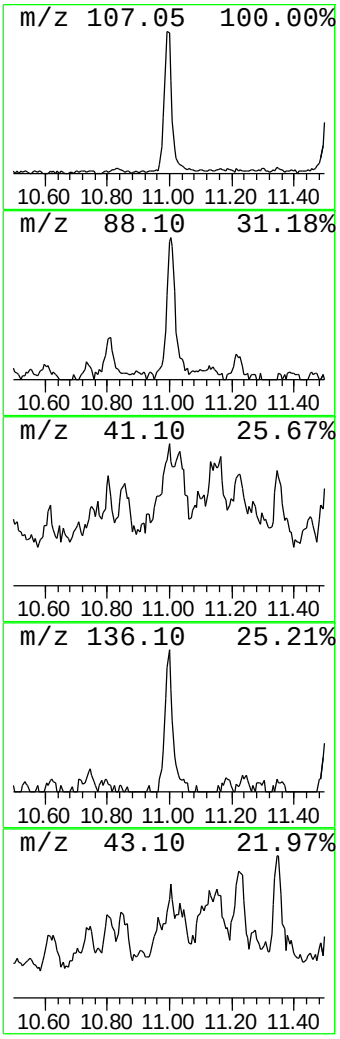
Peak Number 11 Phenol, 2-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.37 ng/ul	223587	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	60
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	60
3	Phenol, 4-propyl-	136	C9H12O	000645-56-7	53
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	49
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	49





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Operator : JU/CG
Sample : L3069-11
Misc :
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Instrument : BNA_M
ClientSampleId : CB7H0

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Quant Title : SVOA CALIBRATION

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

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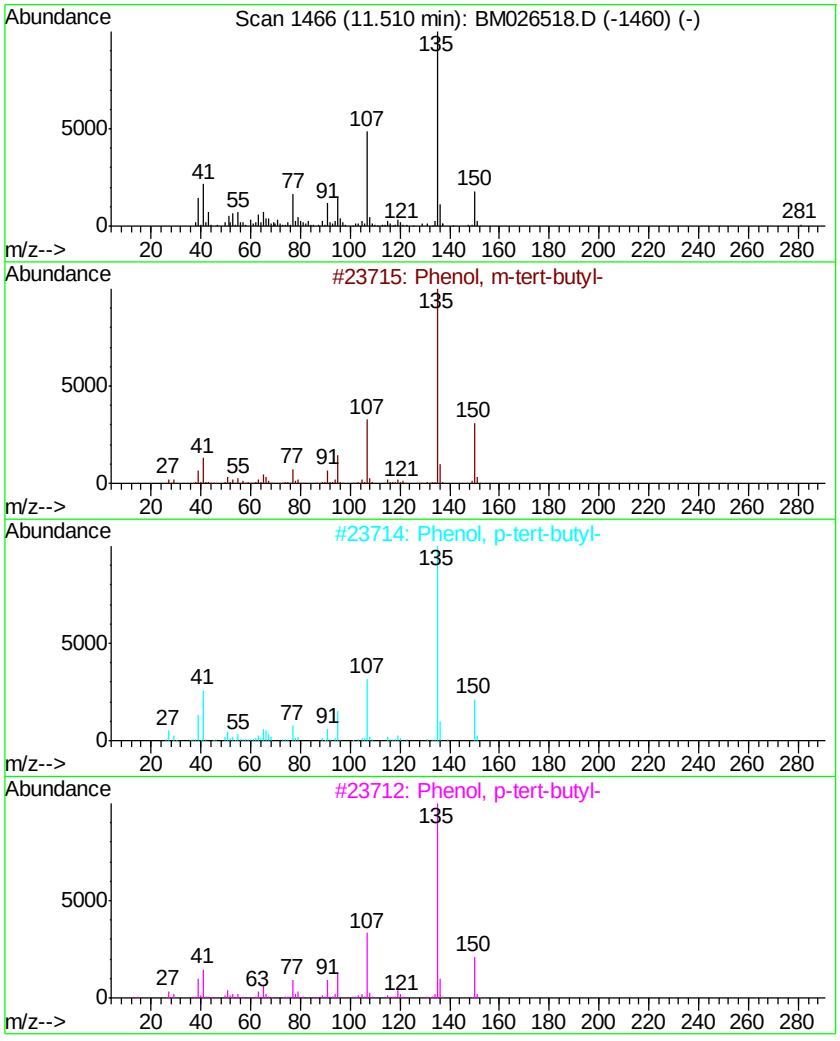
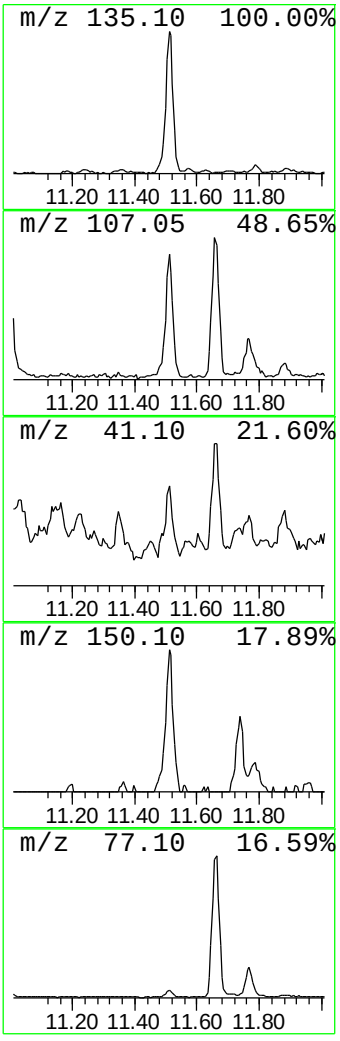
Peak Number 12 Phenol, m-tert-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	2.29 ng/ul	151764	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	81
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	80
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	55





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Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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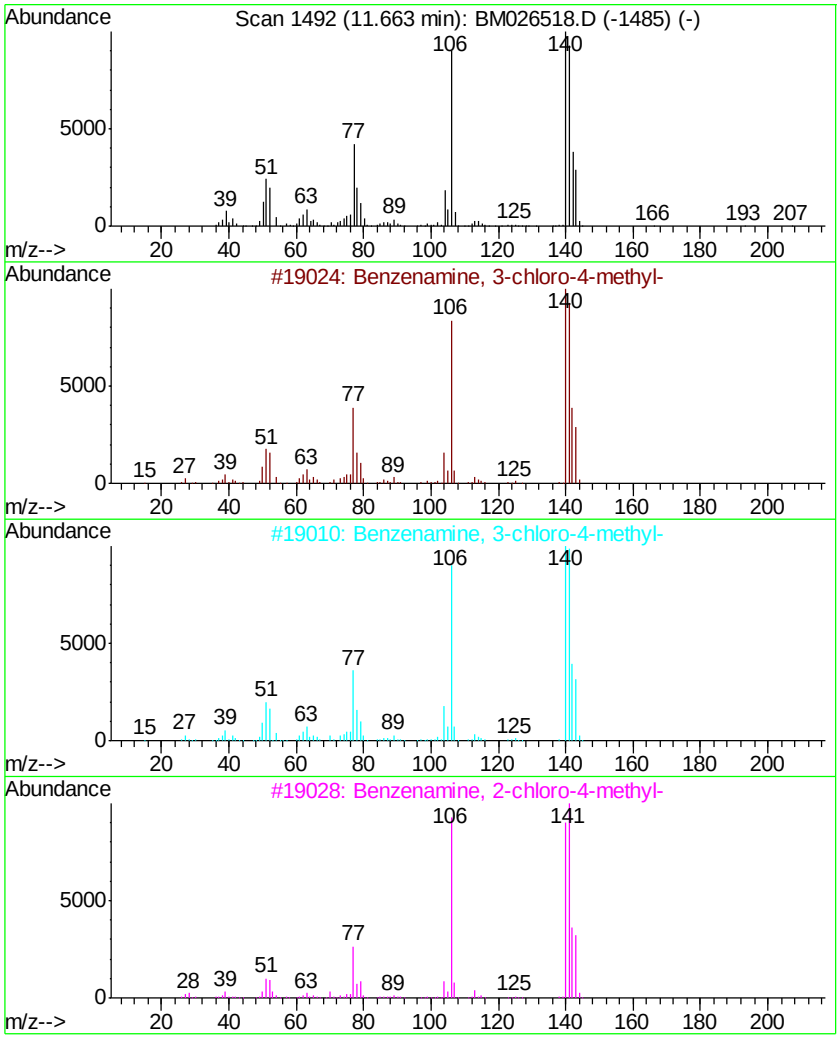
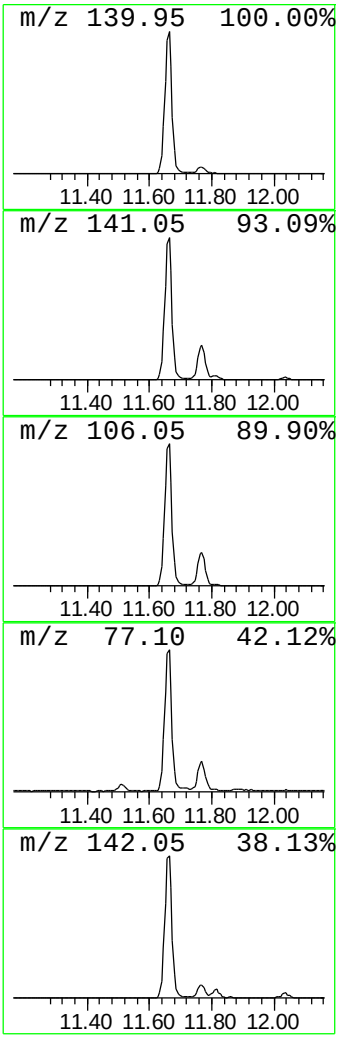
Peak Number 13 Benzenamine, 3-chloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	27.25 ng/ul	1807860	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
5	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	93





Library Search Compound Report

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Sample : L3069-11
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ALS Vial : 28 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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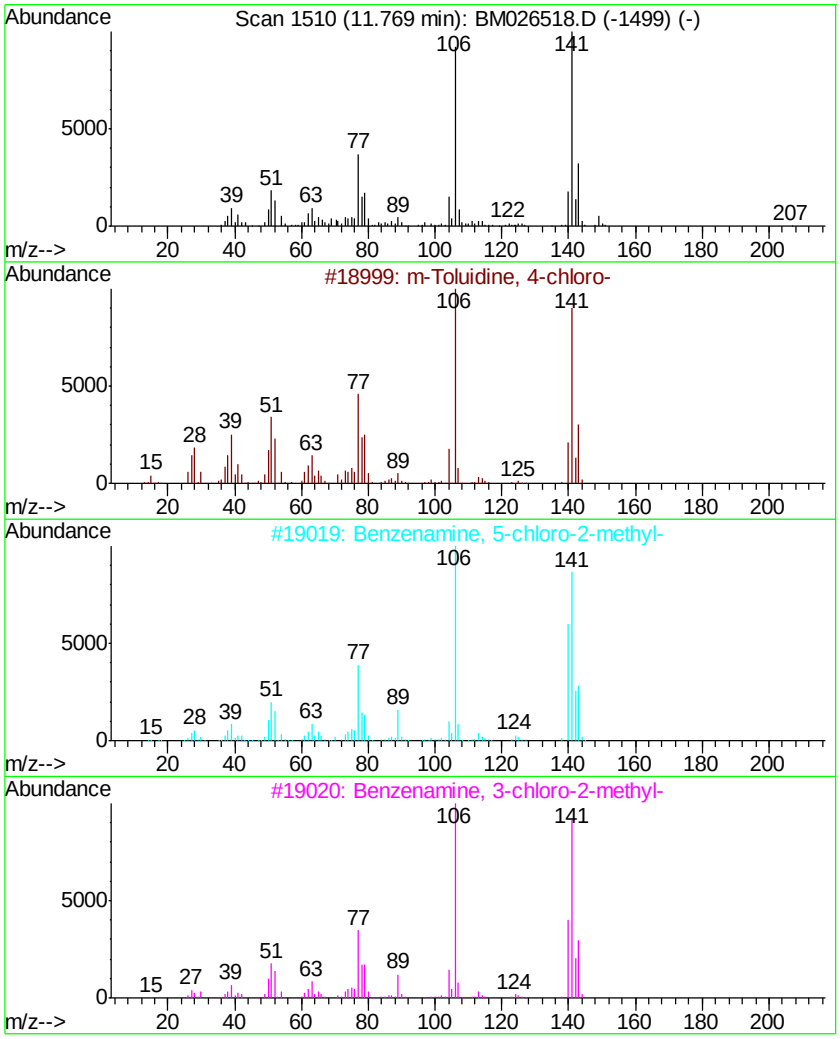
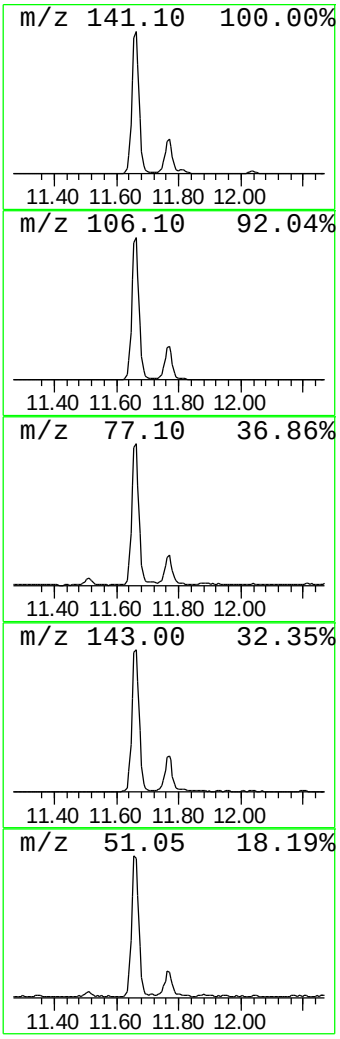
Peak Number 14 m-Toluidine, 4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.18 ng/ul	410189	Naphthalene-d8	10.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Toluidine, 4-chloro-	141	C7H8ClN	007149-75-9	97
2	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	93
3	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
4	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
5	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	90





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Misc :
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Quant Title : SVOA CALIBRATION

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

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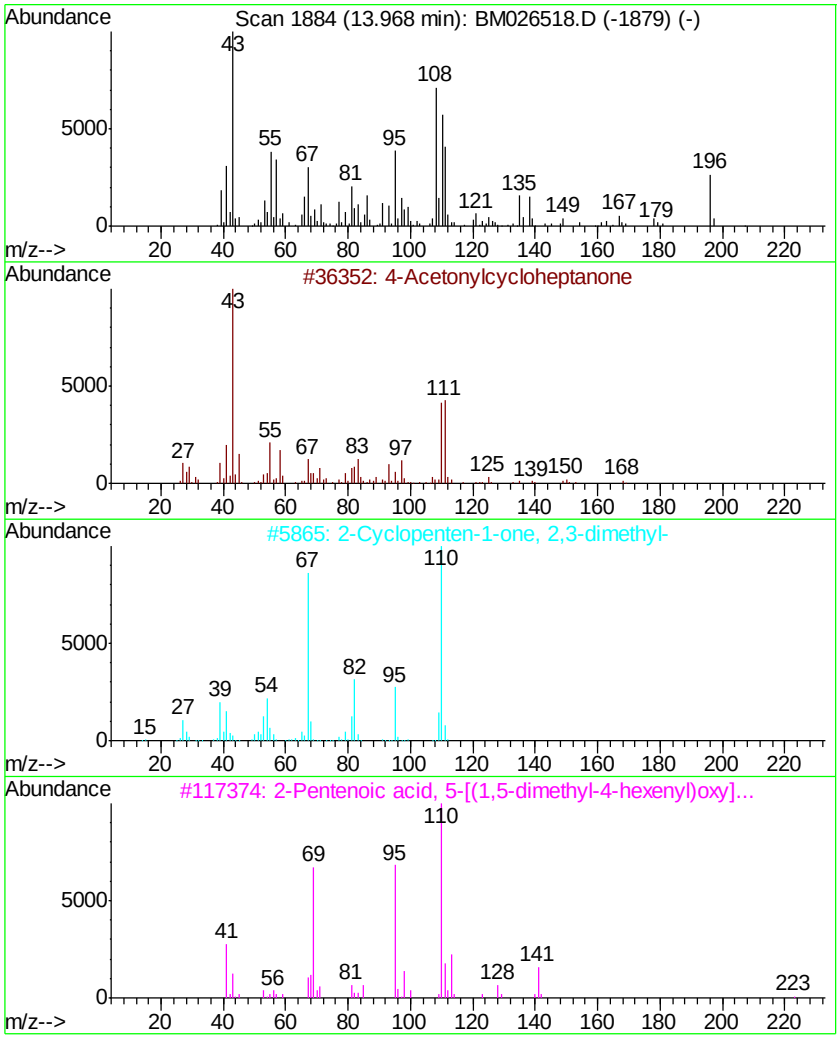
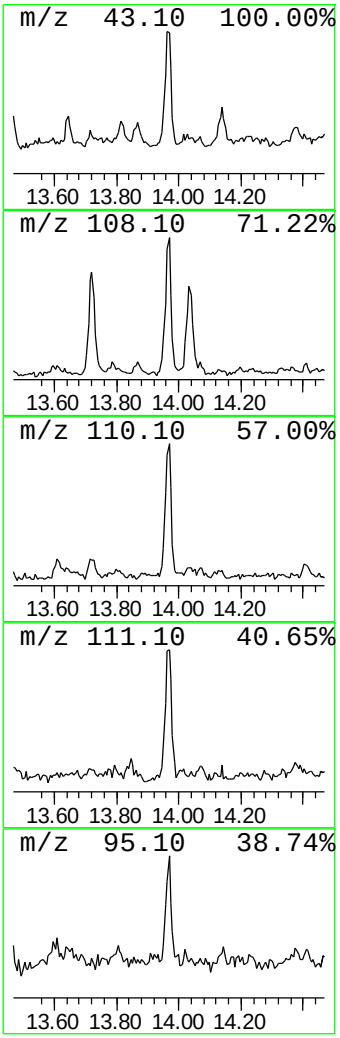
Peak Number 15 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.13 ng/ul	185583	Acenaphthene-d10	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetonylcycloheptanone	168	C10H16O2	086428-60-6	30
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	27
3	2-Pentenoic acid, 5-[(1,5-dimeth...	268	C16H28O3	053311-39-0	27
4	Bicyclo[2.2.1]heptane, exo-2-met...	168	C10H16O2	1000138-90-3	14
5	Hydroquinone	110	C6H6O2	000123-31-9	11





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Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

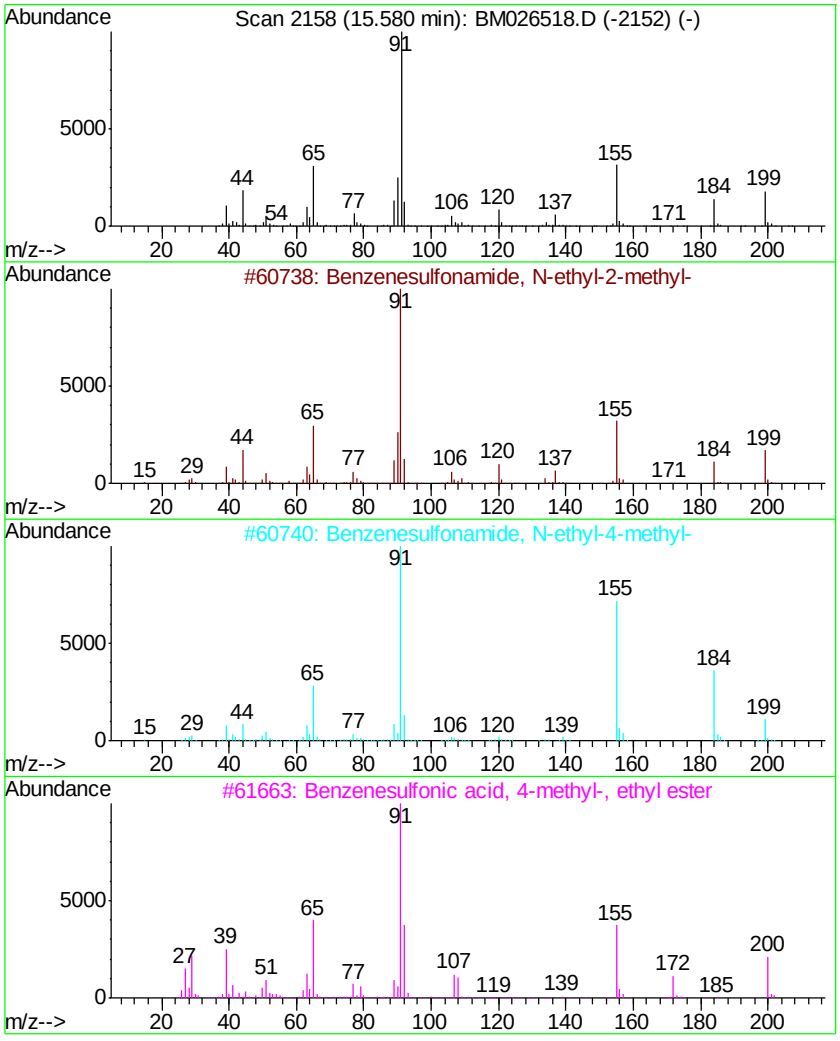
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

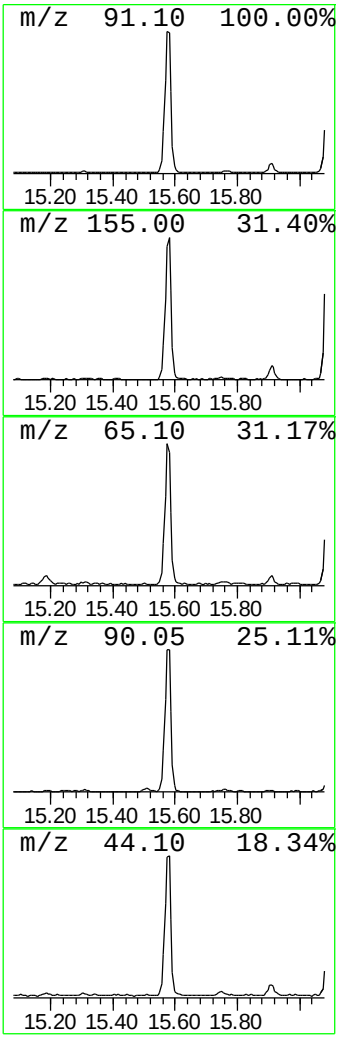
****

Peak Number 16 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	10.46 ng/ul	1059170	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	59
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	53
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	50
5	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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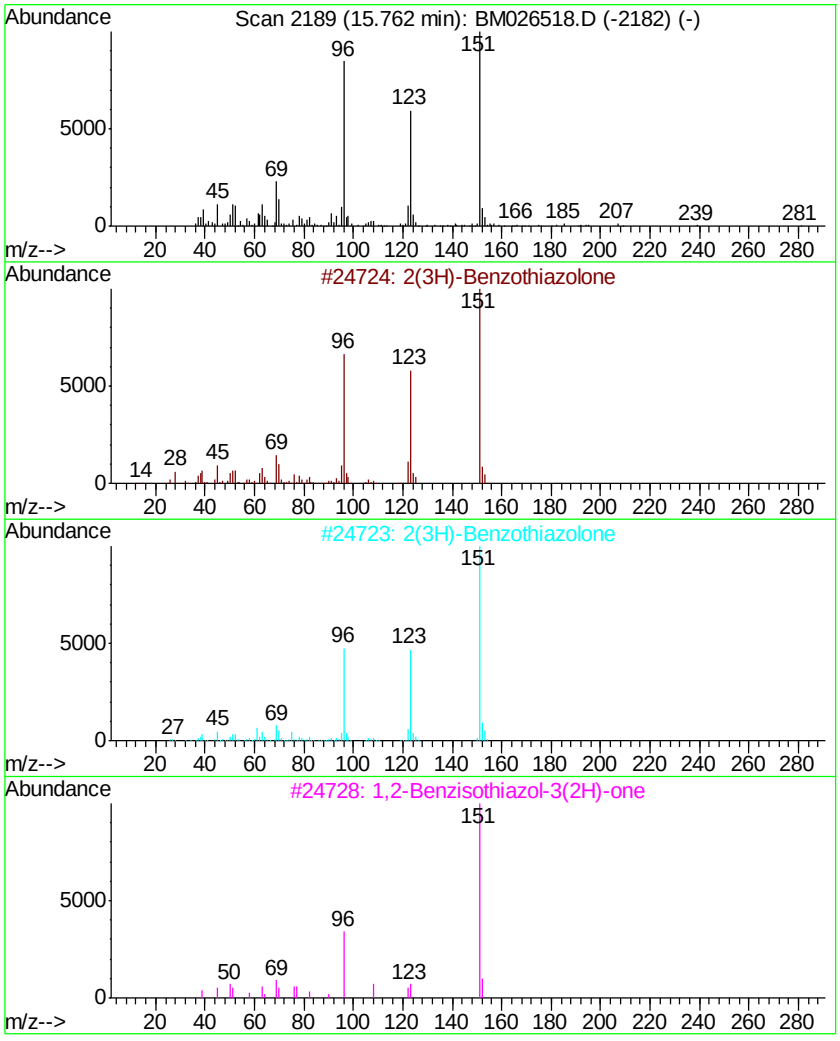
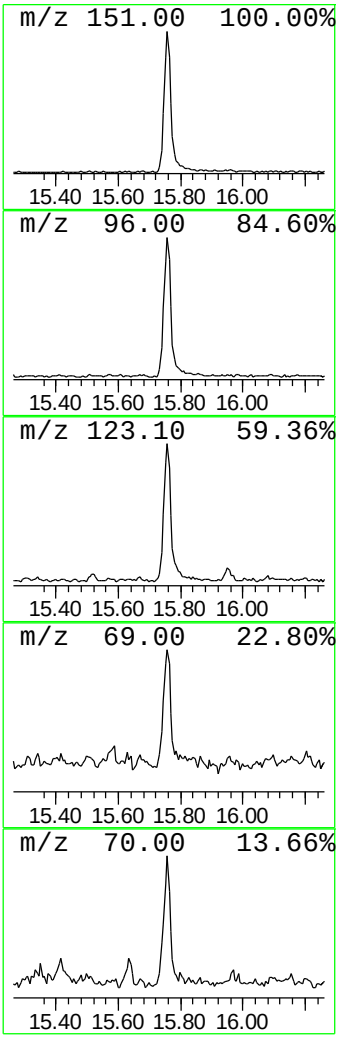
Peak Number 17 2(3H)-Benzothiazolone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.35 ng/ul	338992	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	91
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	64
4	t-Butylhydroquinone	166	C10H14O2	001948-33-0	43
5	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43





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Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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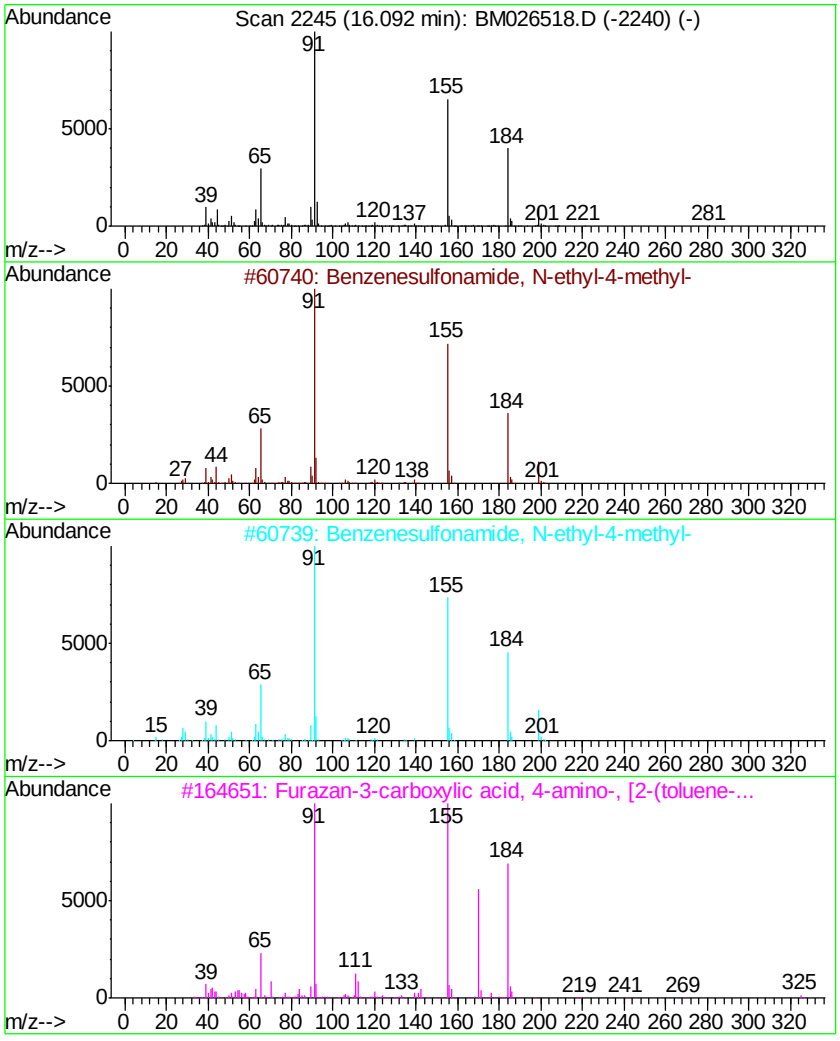
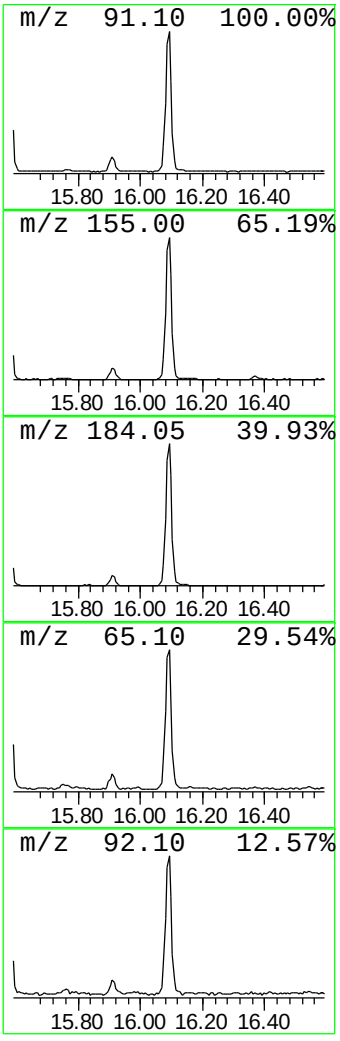
Peak Number 18 Benzenesulfonamide, N-ethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	6.35 ng/ul	643207	Phenanthrene-d10	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	98
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
3	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	78
4	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	53
5	(Toluene-4-sulfonylamino)-acetic...	283	C13H17NO4S	1000190-48-0	53





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Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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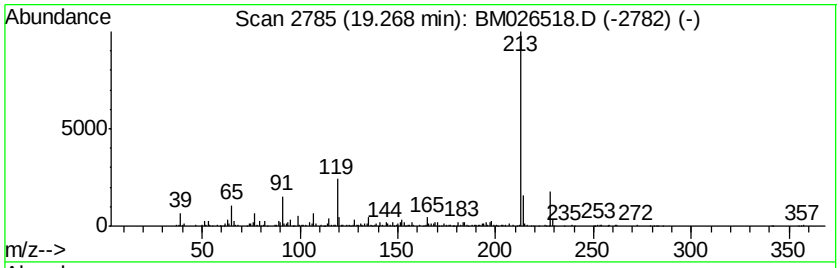
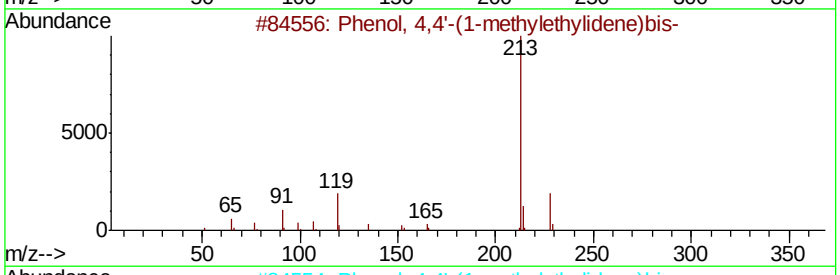
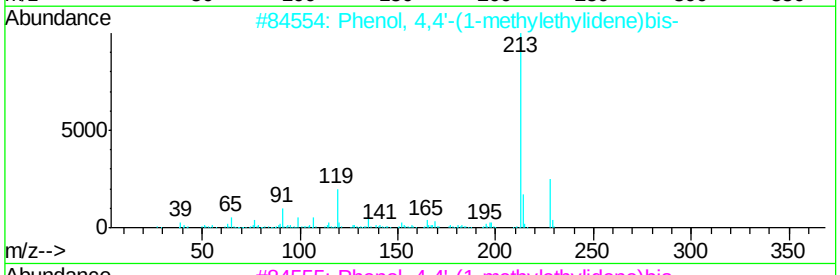
Peak Number 19 Phenol, 4,4'-(1-methylethyl... Concentration Rank 16

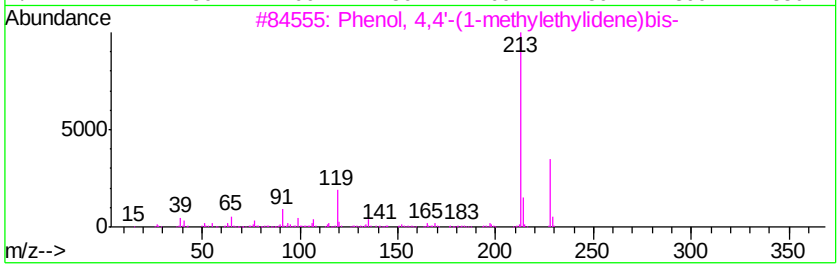
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.62 ng/ul	284027	Chrysene-d12	21.00

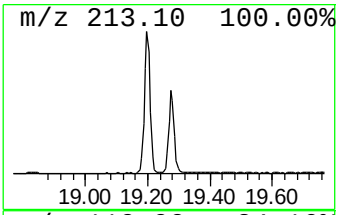
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
4	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	59
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58

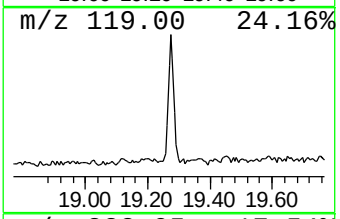


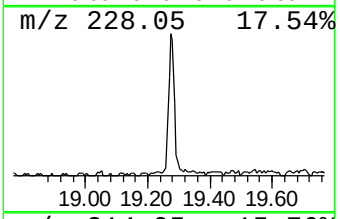


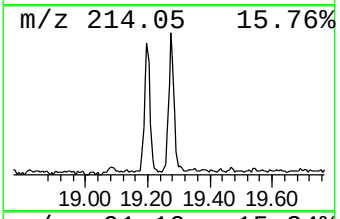


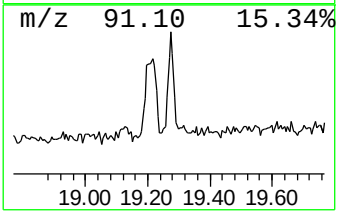












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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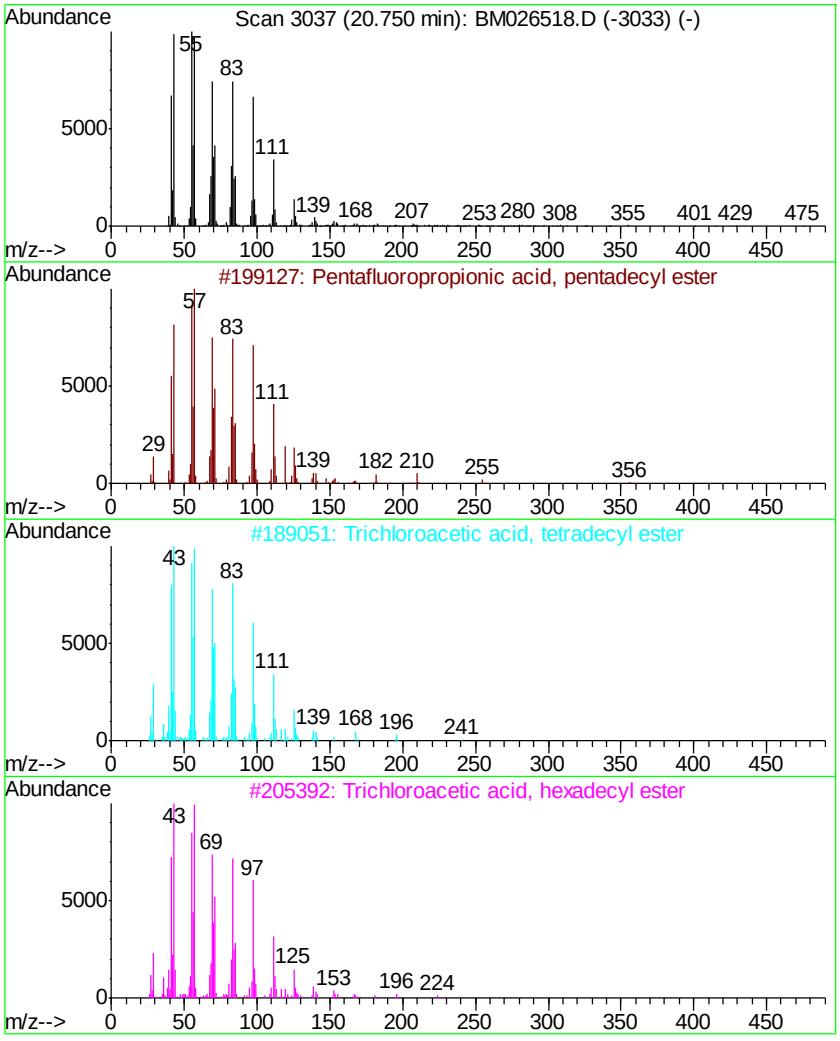
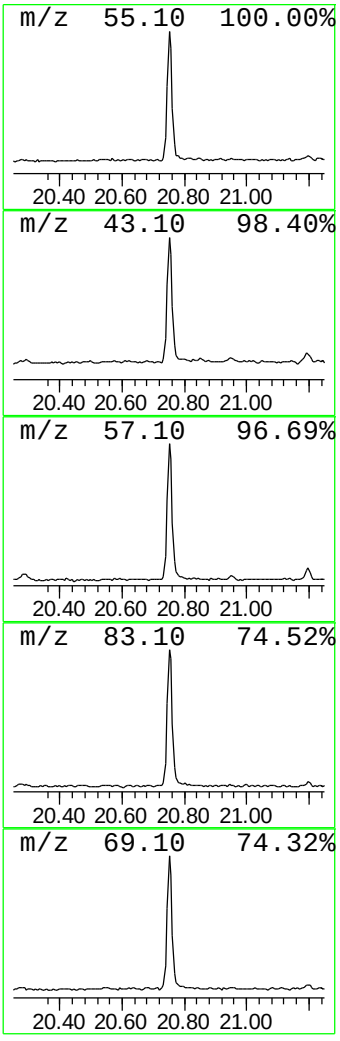
Peak Number 20 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	8.51 ng/ul	924316	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	1-Docosene	308	C22H44	001599-67-3	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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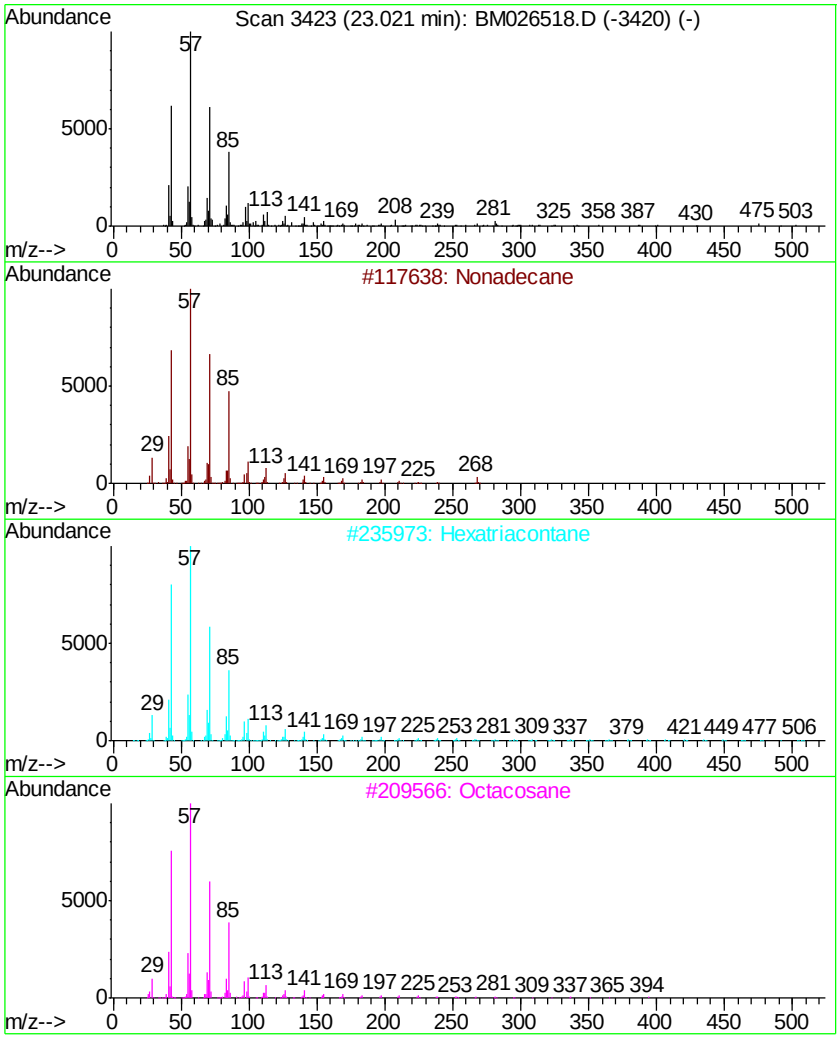
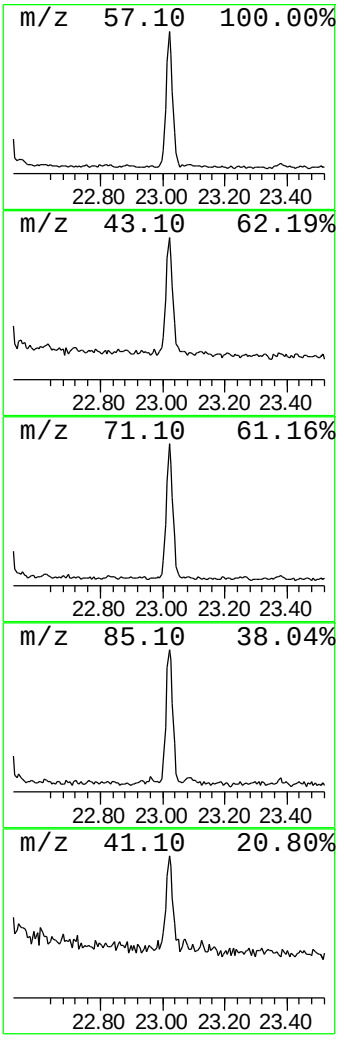
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	2.27 ng/ul	200924	Perylene-d12	23.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexatriacontane	507	C36H74	000630-06-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062320\
Data File : BM026518.D
Acq On : 24 Jun 2020 02:54
Operator : JU/CG
Sample : L3069-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB7H0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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
Paraldehyde	3.75	3.9	ng/ul	164296	1	7.38	849079	20.0
1,3-Oxathiolane	4.09	4.9	ng/ul	209628	1	7.38	849079	20.0
Propanenitrile, 2...	7.46	2.7	ng/ul	113342	1	7.38	849079	20.0
p-Cymene	7.52	2.1	ng/ul	90219	1	7.38	849079	20.0
Benzenamine, 3-me...	8.36	123.2	ng/ul	5231030	1	7.38	849079	20.0
Bicyclo[2.2.1]hep...	8.60	4.7	ng/ul	201165	1	7.38	849079	20.0
Hexanoic acid, 3,...	9.03	2.1	ng/ul	141493	2	10.14	1327030	20.0
Cyclohexanemethan...	9.53	5.7	ng/ul	380720	2	10.14	1327030	20.0
(+)-2-Bornanone	9.56	4.9	ng/ul	322475	2	10.14	1327030	20.0
Bicyclo[2.2.1]hep...	9.69	3.5	ng/ul	232195	2	10.14	1327030	20.0
Phenol, 2-propyl-	11.00	3.4	ng/ul	223587	2	10.14	1327030	20.0
Phenol, m-tert-bu...	11.51	2.3	ng/ul	151764	2	10.14	1327030	20.0
Benzenamine, 3-ch...	11.66	27.3	ng/ul	1807860	2	10.14	1327030	20.0
m-Toluidine, 4-ch...	11.77	6.2	ng/ul	410189	2	10.14	1327030	20.0
unknown-01	13.97	2.1	ng/ul	185583	3	14.03	1742510	20.0
Benzenesulfonamid...	15.58	10.5	ng/ul	1059170	4	16.79	2025780	20.0
2(3H)-Benzothiazo...	15.76	3.4	ng/ul	338992	4	16.79	2025780	20.0
Benzenesulfonamid...	16.09	6.3	ng/ul	643207	4	16.79	2025780	20.0
Phenol, 4,4'-(1-m...	19.27	2.6	ng/ul	284027	5	21.00	2171970	20.0
Pentafluoropropio...	20.75	8.5	ng/ul	924316	5	21.00	2171970	20.0
(DEL) Alkane: Str...	23.02	2.3	ng/ul	200924	6	23.09	1771300	20.0