LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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-BM082520MA.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	3.422	70	74	80	rBV	30629	40847	0.60%	0.123%
2	3.669	110	116	123	rVB3	19325	31033	0.45%	0.093%
3	3.863	144	149	154	rBV	33616	53357	0.78%	0.160%
4	3.916	154	158	165	rVV2	31214	41753	0.61%	0.126%
5	4.152	193	198	206	rBV	65894	94181	1.38%	0.283%
6	4.857	313	318	325	rVB3	21508	39596	0.58%	0.119%
7	5.152	361	368	377	rVV	608377	859066	12.57%	2.582%
8	5.299	385	393	399	rVV	85449	136504	2.00%	0.410%
9	5.640	442	451	459	rVV	50479	78603	1.15%	0.236%
10	6.593	608	613	621	rVB	21049	32152	0.47%	0.097%
11	6.810	646	650	658	rVB2	29700	55822	0.82%	0.168%
12	6.934	665	671	677	rBV	47251	81279	1.19%	0.244%
13	7.134	700	705	712	rVV	49356	90461	1.32%	0.272%
14	7.228	717	721	733	rVB3	66850	132461	1.94%	0.398%
15	7.593	776	783	791	rBV	481374	748381	10.95%	2.250%
16	7.710	793	803	810	rVB7	10723	33848	0.50%	0.102%
17	7.863	823	829	840	rBV3	17363	37292	0.55%	0.112%
18	7.963	840	846	852	rBV	80566	122158	1.79%	0.367%
19	8.122	866	873	882	rBV	150062	239184	3.50%	0.719%
20	8.304	899	904	915	rBV	39145	66621	0.98%	0.200%
21	8.693	962	970	973	rBV3	39246	64534	0.94%	0.194%
22	8.734	973	977	986	rVB	50101	89524	1.31%	0.269%
23	9.457	1090	1100	1109	rBV4	42386	82378	1.21%	0.248%
24	9.875	1165	1171	1182	rBV5	25090	74981	1.10%	0.225%
25	9.998	1187	1192	1199	rVV2	69150	137409	2.01%	0.413%
26	10.069	1199	1204	1211	rVB6	14539	30604	0.45%	0.092%
27	10.363	1247	1254	1257	rBV	604078	996668	14.59%	2.996%
28	10.416	1257	1263	1272	rVV	4038800	6832359	100.00%	20.539%
29	10.498	1272	1277	1285	rVB2	59000	114845	1.68%	0.345%
30	11.298	1402	1413	1420	rBV2	577232	1218831	17.84%	3.664%
31	11.386	1424	1428	1436	rVB3	16115	31150	0.46%	0.094%
32	11.633	1464	1470	1477	rVB	147145	247900	3.63%	0.745%
33	11.775	1484	1494	1502	rBV7	39657	95884	1.40%	0.288%
34	11.863	1502	1509	1510	rBV5	21648	36057	0.53%	0.108%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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-BM082520MA.M
Title : SVOA CALIBRATION

35	11.892	1510	1514	1520	rVB4	23867	40371	0.59%	0.121%
36	12.033	1528	1538	1546	rBV	121928	254574	3.73%	0.765%
37	12.163	1553	1560	1567	rBV	2031228	3114346	45.58%	9.362%
38	12.251	1567	1575	1582	rVV2	332273	728763	10.67%	2.191%
39	12.333	1582	1589	1595	rVV3	117989	218676	3.20%	0.657%
40	12.404	1595	1601	1610	rVB2	79814	134661	1.97%	0.405%
41	12.498	1611	1617	1621	rBV5	18008	34776	0.51%	0.105%
42	12.639	1635	1641	1645	rVV5	70241	134970	1.98%	0.406%
43	12.675	1645	1647	1652	rVB3	26455	35026	0.51%	0.105%
44	12.798	1658	1668	1670	rBV5	48420	95702	1.40%	0.288%
45	12.822	1670	1672	1680	rVB4	46869	70783	1.04%	0.213%
46	12.963	1693	1696	1702	rVB	35594	54130	0.79%	0.163%
47	13.063	1708	1713	1716	rVV	88693	170304	2.49%	0.512%
48	13.110	1716	1721	1724	rVV	453998	733865	10.74%	2.206%
49	13.139	1724	1726	1731	rVB2	257008	322829	4.73%	0.970%
50	13.192	1731	1735	1740	rVB2	53638	71258	1.04%	0.214%
51	13.292	1748	1752	1757	rVB6	44491	69587	1.02%	0.209%
52	13.392	1761	1769	1775	rBV8	31287	80541	1.18%	0.242%
53	13.533	1789	1793	1802	rBV5	26227	50659	0.74%	0.152%
54	13.645	1806	1812	1817	rVB	169485	248503	3.64%	0.747%
55	13.922	1853	1859	1866	rVV	169046	268733	3.93%	0.808%
56	13.986	1866	1870	1876	rVV6	19357	45762	0.67%	0.138%
57	14.057	1876	1882	1886	rVB3	26823	41778	0.61%	0.126%
58	14.233	1906	1912	1920	rVB	1075756	1525393	22.33%	4.585%
59	14.363	1928	1934	1940	rBV10	26804	56828	0.83%	0.171%
60	14.557	1963	1967	1972	rVB	42501	61860	0.91%	0.186%
61	14.622	1972	1978	1984	rBV2	98714	151685	2.22%	0.456%
62	14.686	1984	1989	1995	rVB3	79977	127607	1.87%	0.384%
63	14.751	1995	2000	2003	rBV6	17910	33066	0.48%	0.099%
64	14.804	2003	2009	2012	rBV3	111605	187632	2.75%	0.564%
65	14.922	2022	2029	2042	rVB10	65696	174143	2.55%	0.523%
66	15.027	2043	2047	2050	rBV4	22469	33593	0.49%	0.101%
67	15.074	2050	2055	2062	rVB6	66756	124156	1.82%	0.373%
68	15.145	2062	2067	2072	rBV3	77130	132569	1.94%	0.399%
69	15.227	2076	2081	2088	rVV2	224593	372126	5.45%	1.119%
70	15.286	2088	2091	2097	rVB5	27639	47033	0.69%	0.141%
71	15.351	2097	2102	2112	rBV7	42054	116020	1.70%	0.349%

LSC Area Percent Report

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Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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-BM082520MA.M
Title : SVOA CALIBRATION

72	15.457	2115	2120	2124	rVB5	28250	41782	0.61%	0.126%
73	15.569	2136	2139	2145	rVB7	37333	53130	0.78%	0.160%
74	15.680	2154	2158	2163	rBV5	33256	52065	0.76%	0.157%
75	15.786	2171	2176	2179	rBV3	24528	37302	0.55%	0.112%
76	15.857	2179	2188	2193	rVV8	49194	110635	1.62%	0.333%
77	15.921	2193	2199	2204	rVV3	109455	207275	3.03%	0.623%
78	15.980	2204	2209	2212	rVV3	83718	136600	2.00%	0.411%
79	16.016	2212	2215	2222	rVB	74930	103643	1.52%	0.312%
80	16.086	2222	2227	2233	rBV2	32952	48909	0.72%	0.147%
81	16.251	2252	2255	2262	rVB5	25212	39675	0.58%	0.119%
82	16.921	2365	2369	2372	rVV	56102	75699	1.11%	0.228%
83	16.974	2372	2378	2389	rVB	1359245	2047072	29.96%	6.154%
84	17.074	2389	2395	2405	rBV2	282543	408684	5.98%	1.229%
85	17.168	2407	2411	2416	rVV4	31523	47965	0.70%	0.144%
86	17.239	2417	2423	2429	rVB7	32559	60606	0.89%	0.182%
87	17.357	2439	2443	2448	rBV7	20841	37512	0.55%	0.113%
88	17.427	2450	2455	2463	rVB	344905	491483	7.19%	1.477%
89	17.833	2520	2524	2531	rVB7	22227	43677	0.64%	0.131%
90	18.074	2561	2565	2569	rVB3	27108	38784	0.57%	0.117%
91	18.392	2613	2619	2626	rBV2	159033	244379	3.58%	0.735%
92	19.062	2728	2733	2740	rBV	106271	173486	2.54%	0.522%
93	19.221	2753	2760	2764	rBV3	61484	111878	1.64%	0.336%
94	19.380	2778	2787	2794	rBV	354169	609056	8.91%	1.831%
95	19.504	2805	2808	2812	rBV6	28404	38964	0.57%	0.117%
96	19.839	2863	2865	2869	rBV4	24015	34662	0.51%	0.104%
97	19.980	2887	2889	2894	rVB5	28329	38242	0.56%	0.115%
98	21.180	3088	3093	3100	rBV	1947702	2367911	34.66%	7.118%
99	23.221	3436	3440	3447	rVB	218851	371389	5.44%	1.116%
100	23.362	3458	3464	3472	rVB	1090946	1961240	28.71%	5.896%

Sum of corrected areas: 33265736

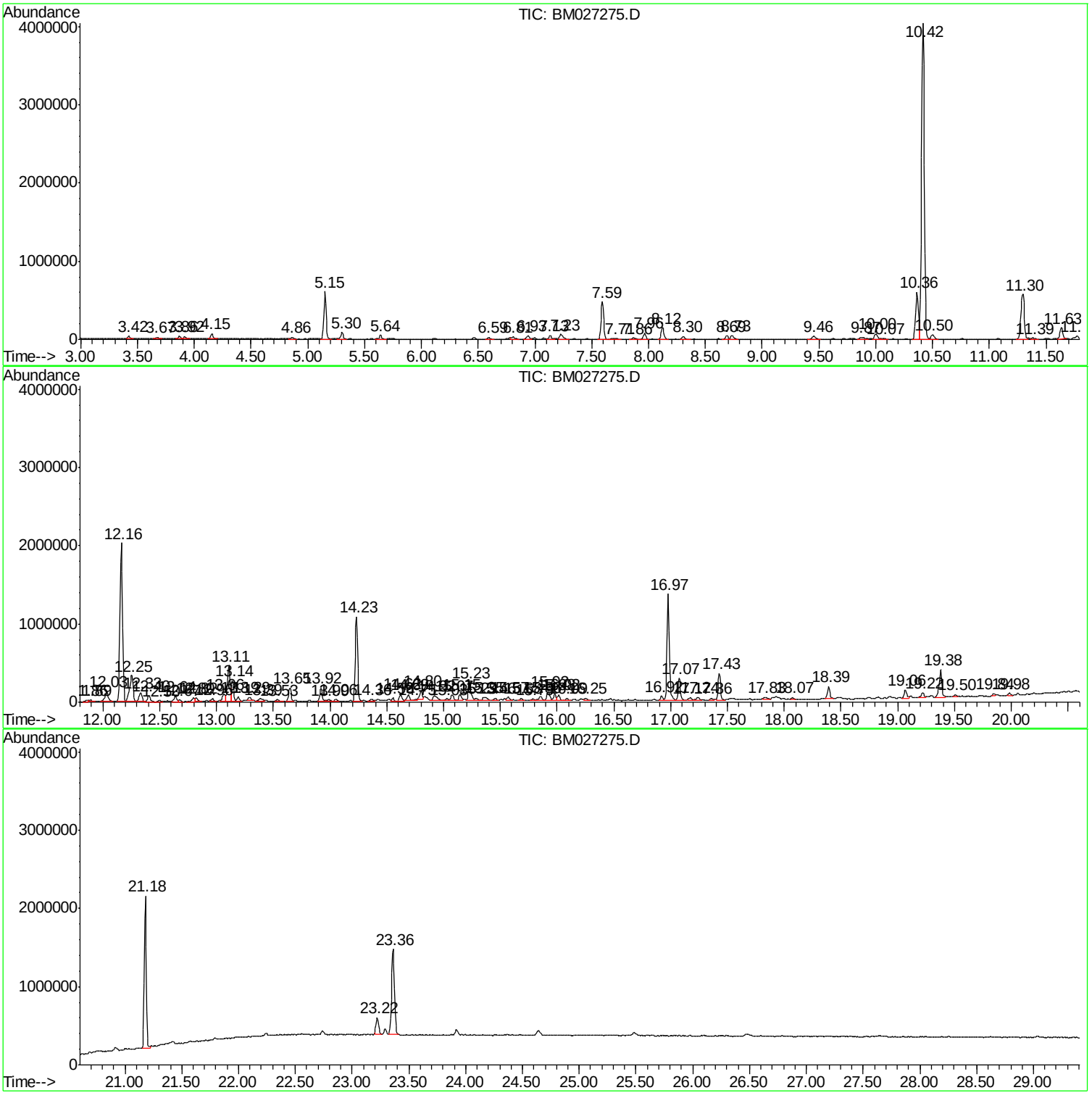
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

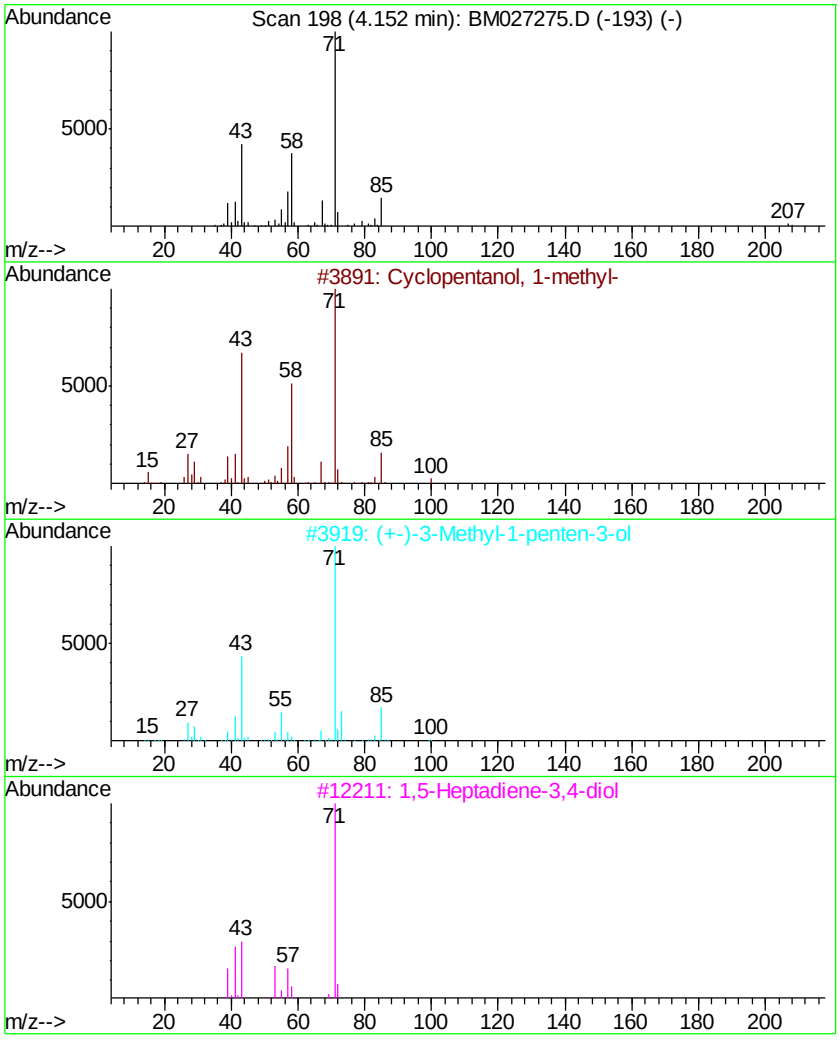
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

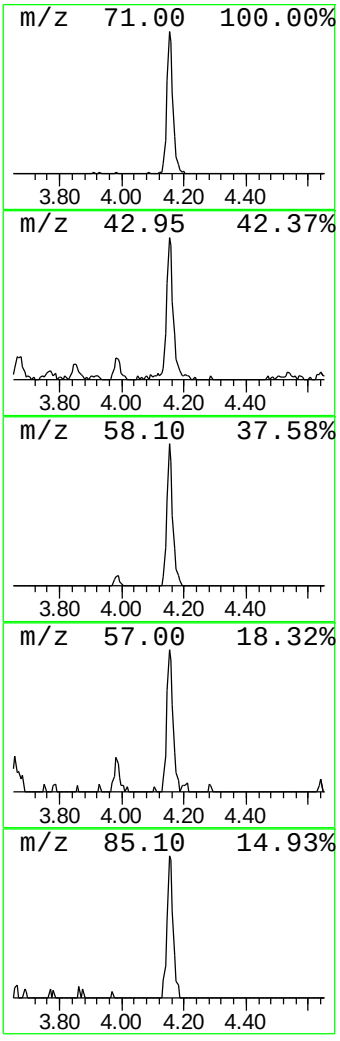
****

Peak Number 1 Cyclopentanol, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	2.52 ng/ul	94181	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
2	(+-)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	59
3	1,5-Heptadiene-3,4-diol	128	C7H12O2	051945-98-3	53
4	Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	42
5	Oxirane, butyl-	100	C6H12O	001436-34-6	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

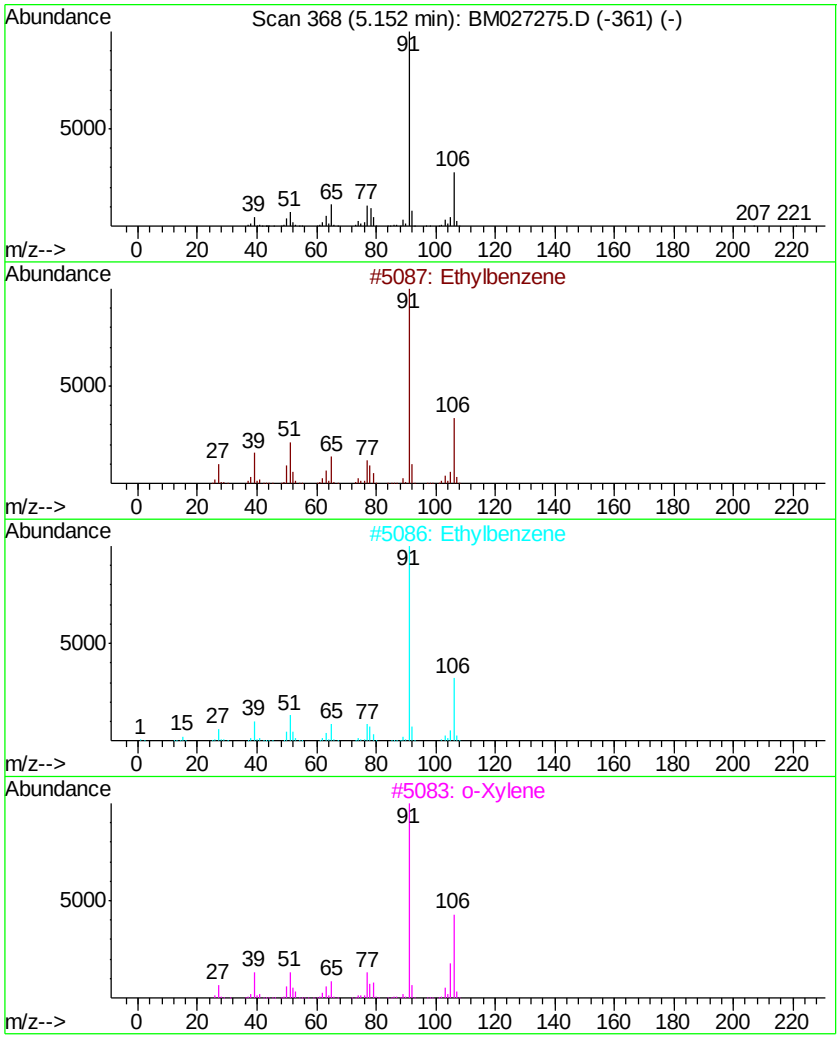
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

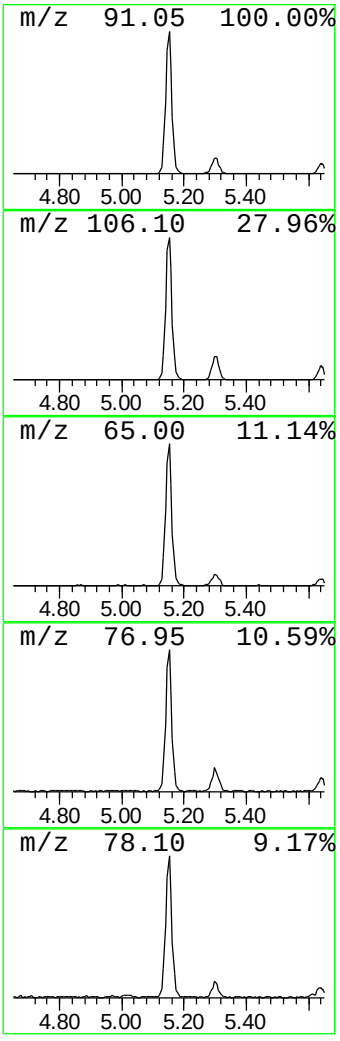
****

Peak Number 2 Ethylbenzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	22.96 ng/ul	859066	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	o-Xylene	106	C8H10	000095-47-6	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Ethylbenzene	106	C8H10	000100-41-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

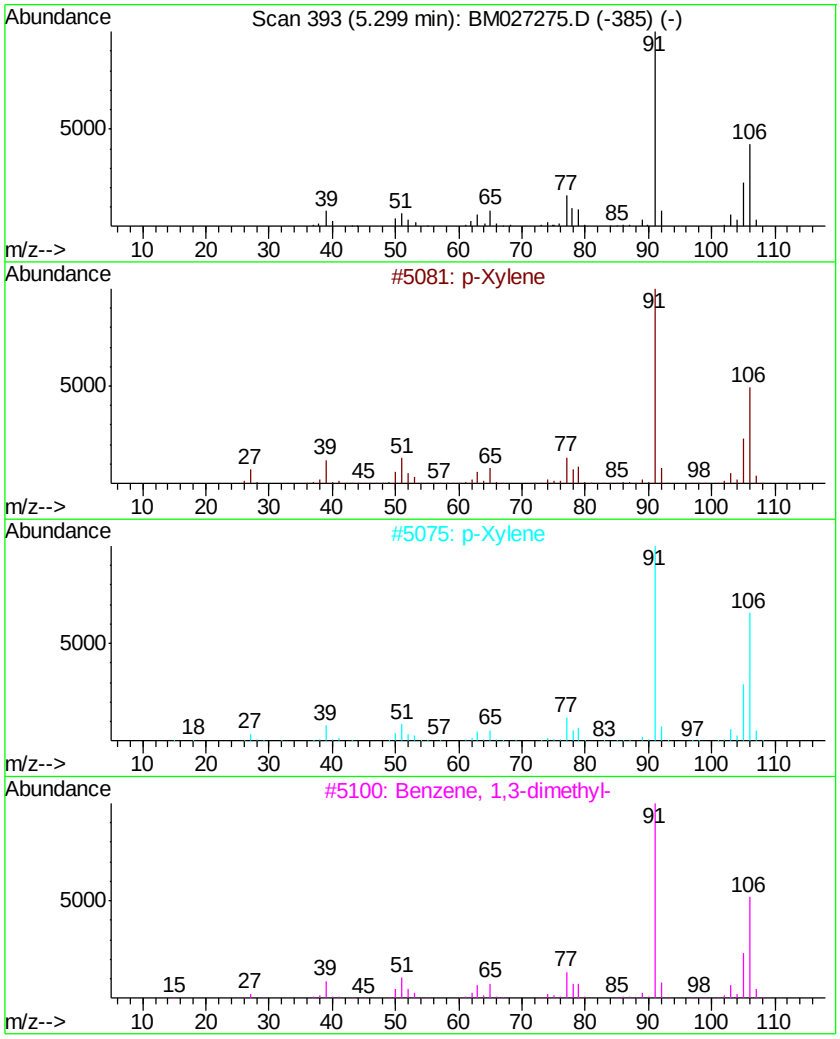
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

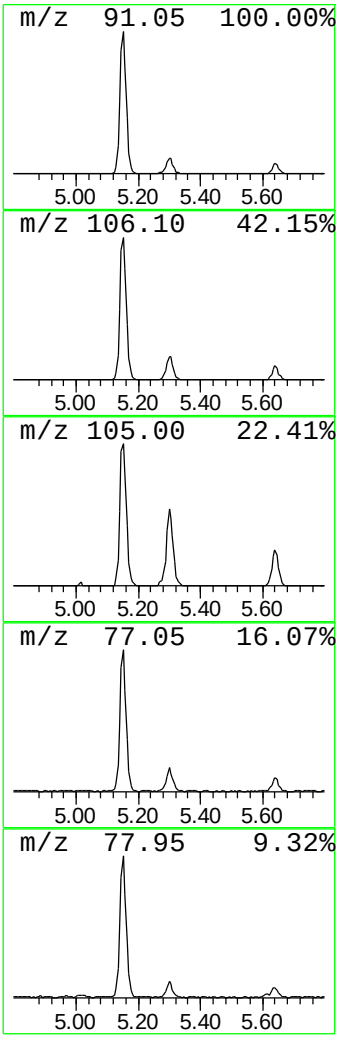
****

Peak Number 3 p-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	3.65 ng/ul	136504	1,4-Dichlorobenzene-d4	7.59

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

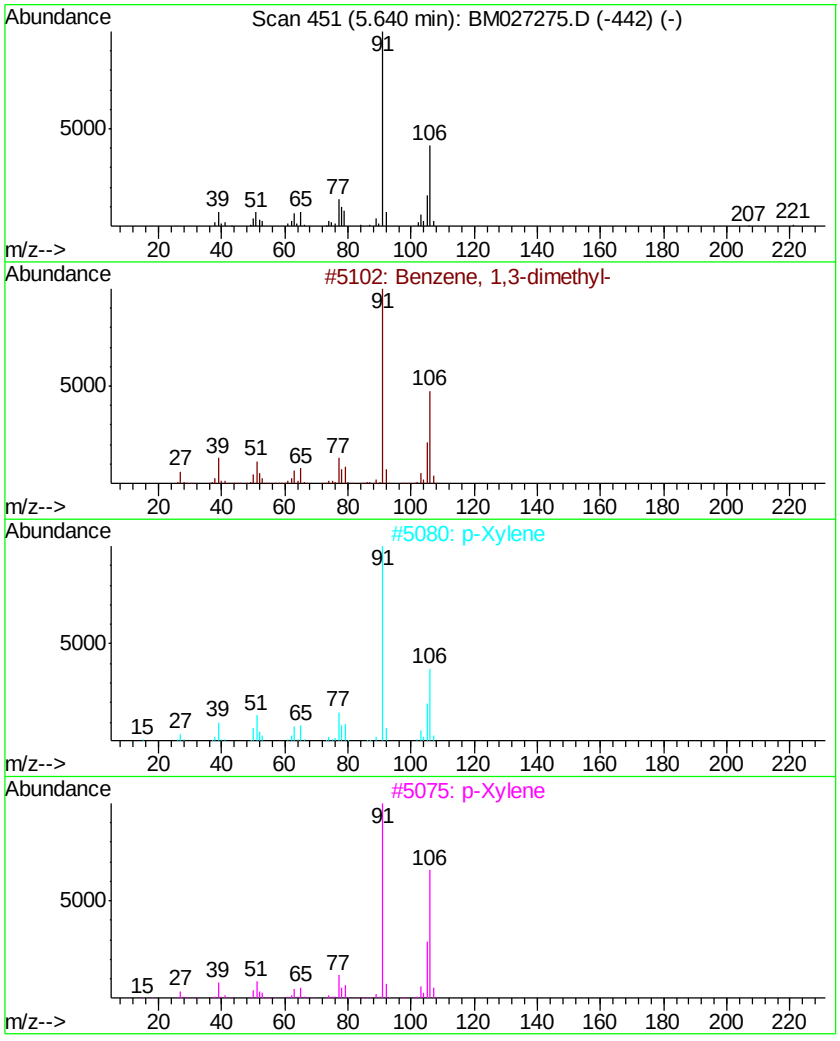
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

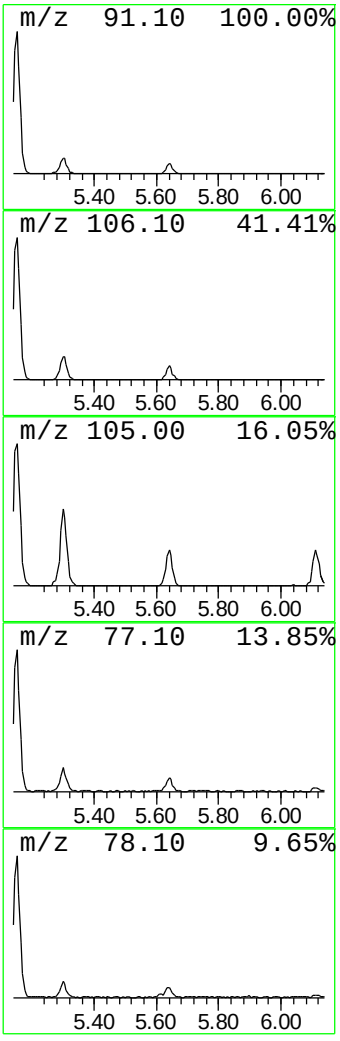
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	2.10 ng/ul	78603	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	p-Xylene	106	C8H10	000106-42-3	91
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
5	o-Xylene	106	C8H10	000095-47-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

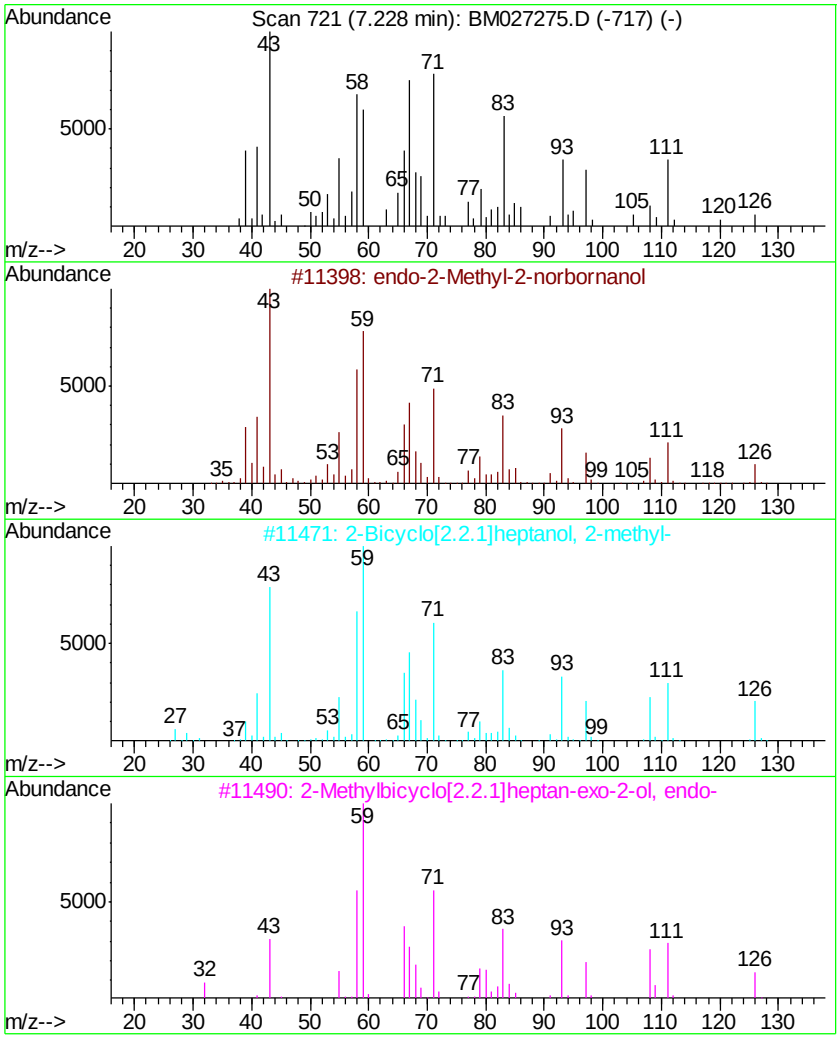
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

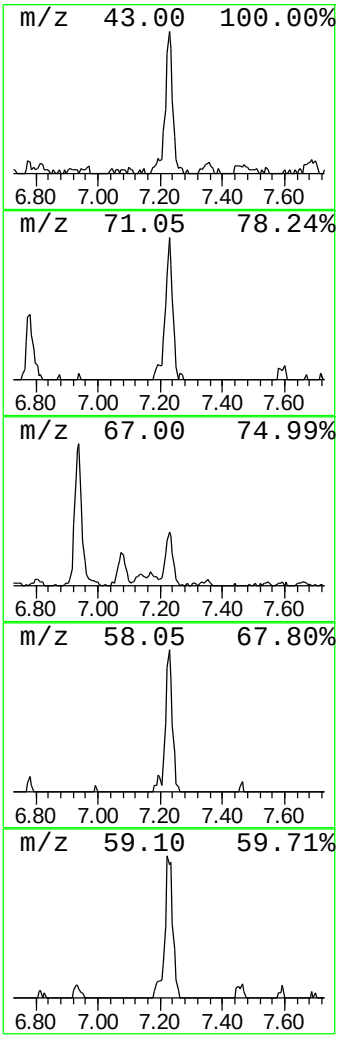
****

Peak Number 5 endo-2-Methyl-2-norbornanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	3.54 ng/ul	132461	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-2-Methyl-2-norbornanol	126	C8H14O	003212-16-6	64
2	2-Bicyclo[2.2.1]heptanol, 2-methyl-	126	C8H14O	1000197-57-9	50
3	2-Methylbicyclo[2.2.1]heptan-exo...	126	C8H14O	1000138-89-5	45
4	Bicyclo[2.2.1]heptane, 2-butylid...	150	C11H18	062211-86-3	38
5	2-(Cyclopenten-1-yl)acetic acid	126	C7H10O2	013668-61-6	25





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Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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Quant Title : SVOA CALIBRATION

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

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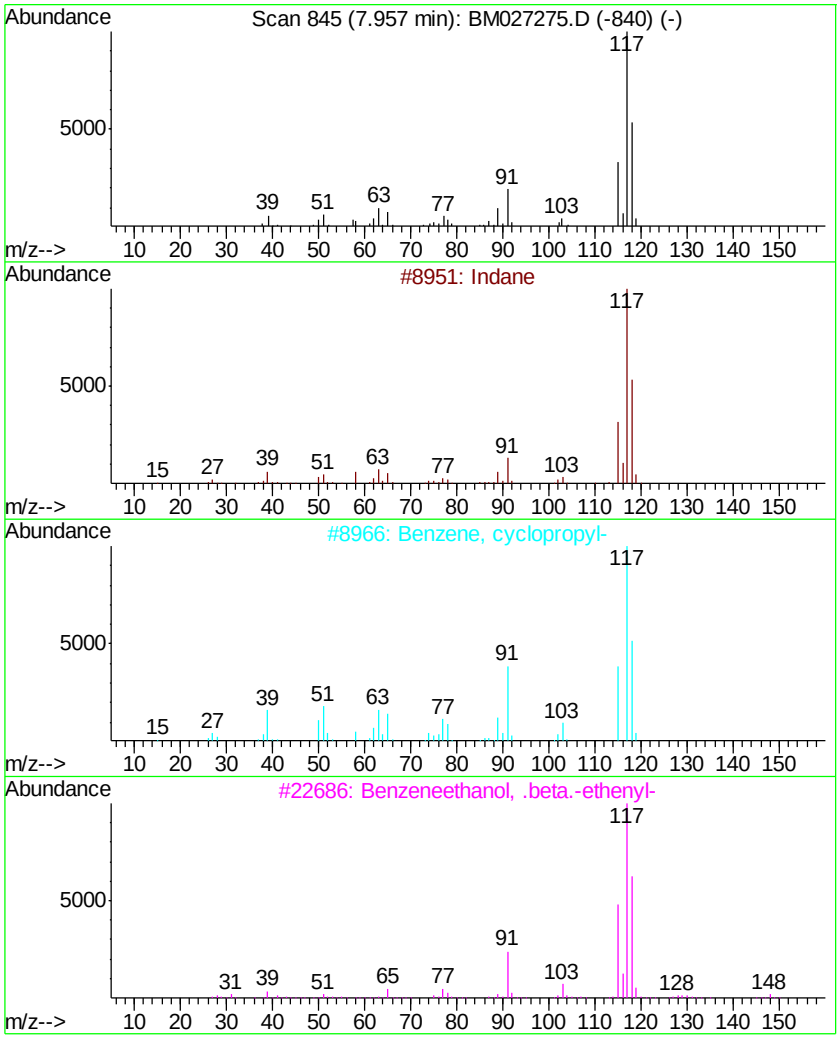
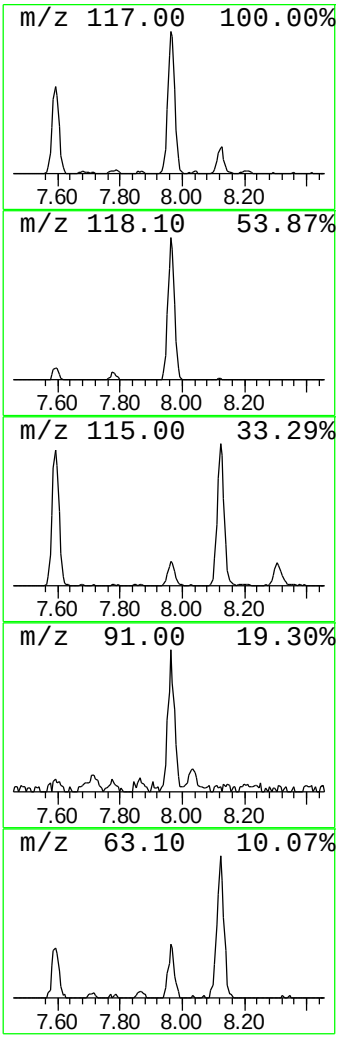
Peak Number 6 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	3.26 ng/ul	122158	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
4	Indane	118	C9H10	000496-11-7	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Library Search Compound Report

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Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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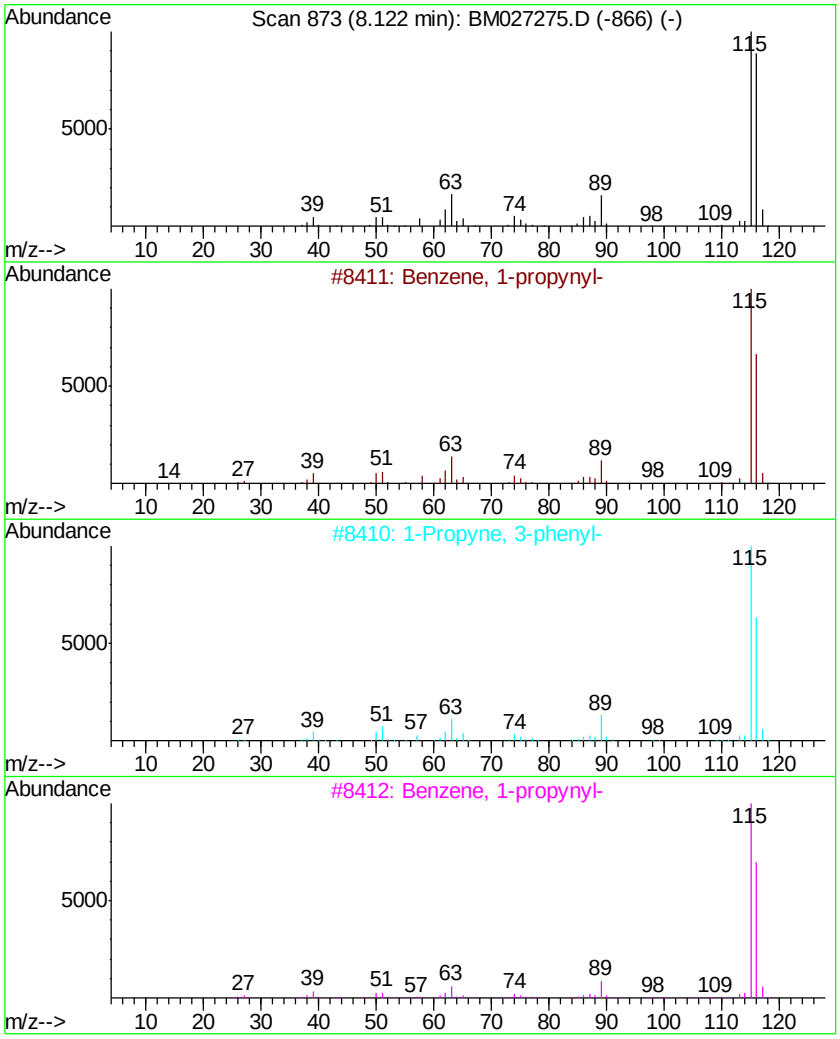
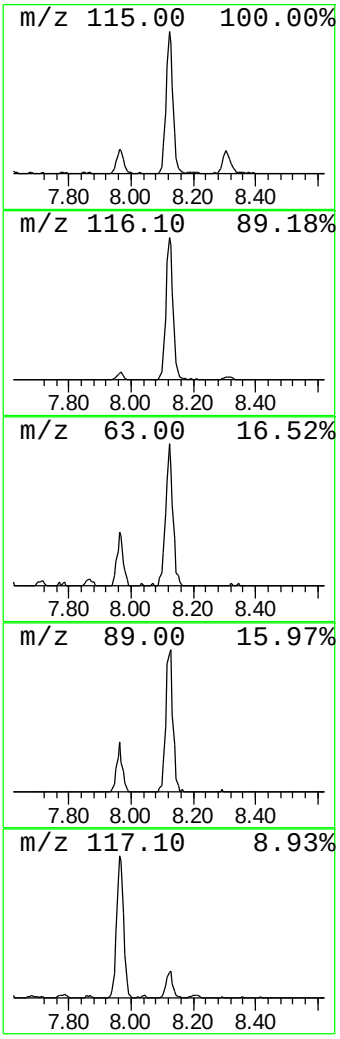
Peak Number 7 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	6.39 ng/ul	239184	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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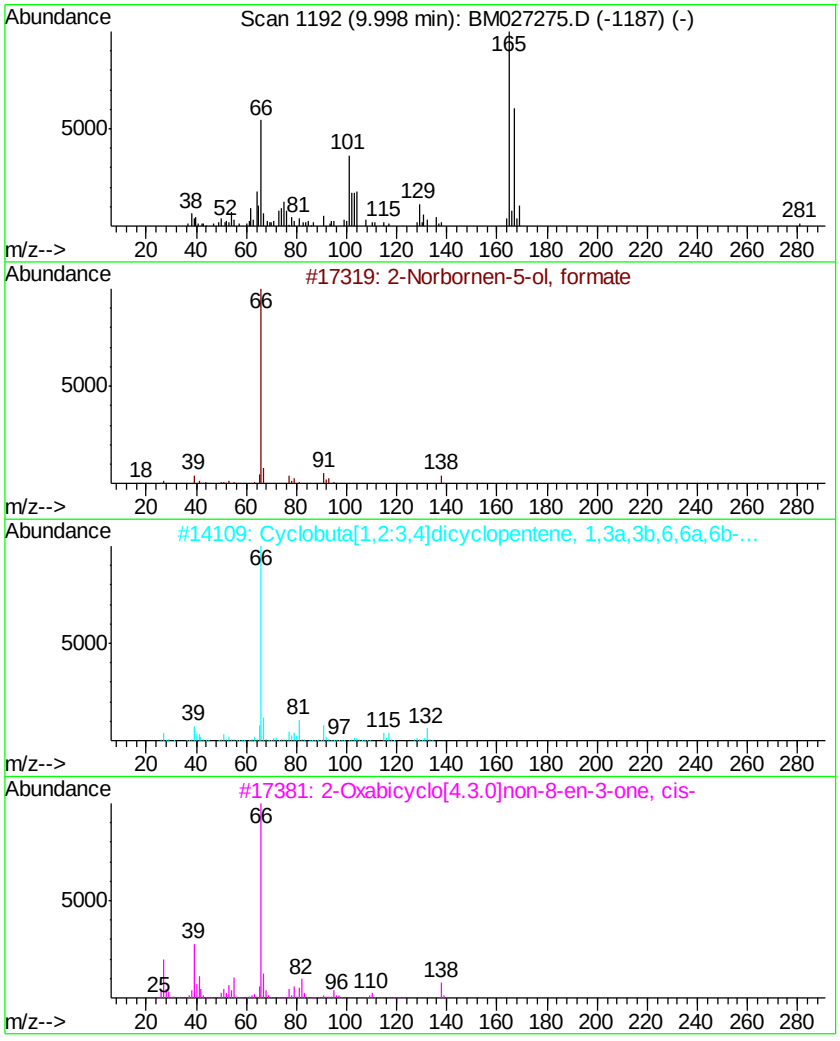
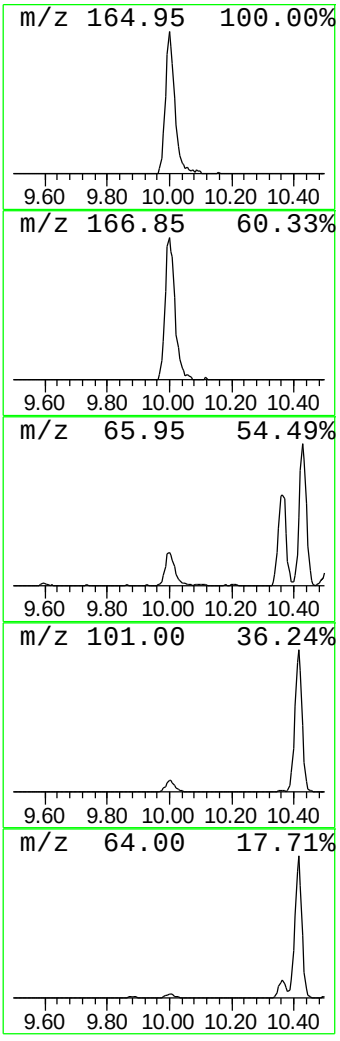
Peak Number 8 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.76 ng/ul	137409	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Norbornen-5-ol, formate	138	C8H10O2	1000142-75-9	35
2	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	35
3	2-Oxabicyclo[4.3.0]non-8-en-3-on...	138	C8H10O2	150620-57-8	25
4	Bicyclo[2.2.1]hept-5-ene-2-carbo...	138	C8H10O2	000120-74-1	25
5	Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	25





Library Search Compound Report

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Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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Quant Title : SVOA CALIBRATION

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

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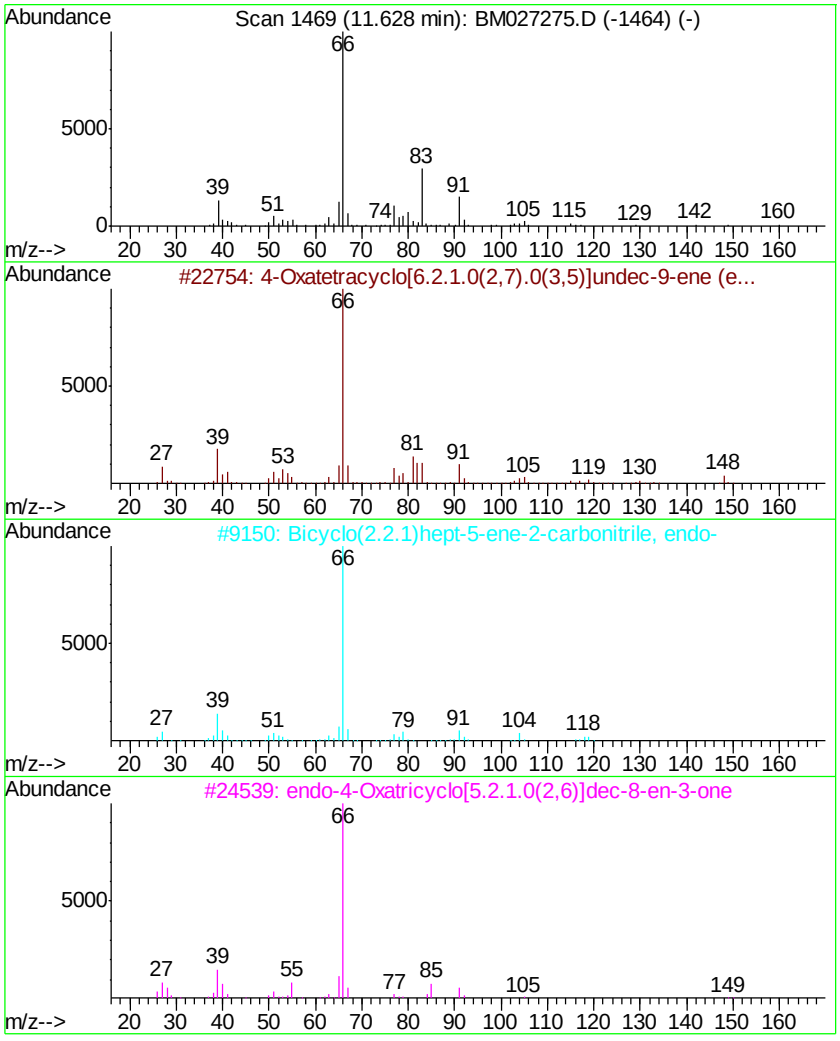
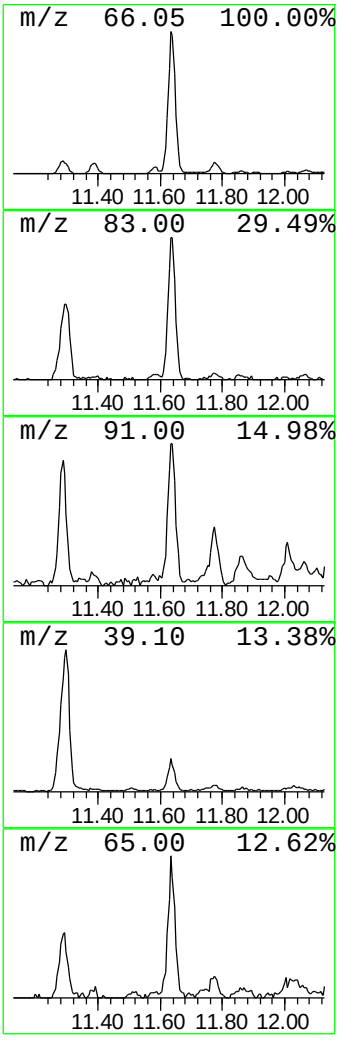
Peak Number 9 4-Oxatetracyclo[6.2.1.0(2,7... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.97 ng/ul	247900	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Oxatetracyclo[6.2.1.0(2,7).0(3...	148	C10H12O	1000191-87-9	83
2	Bicyclo(2.2.1)hept-5-ene-2-carbo...	119	C8H9N	002888-90-6	78
3	endo-4-Oxatricyclo[5.2.1.0(2,6)]...	150	C9H10O2	095340-93-5	78
4	Acetic acid, 2-phenoxy-, (1,3,3a...	327	C18H17NO5	1000265-61-8	78
5	Bicyclo[2.2.1]hept-2-ene, 5-ethe...	120	C9H12	003048-64-4	78





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Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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Quant Title : SVOA CALIBRATION

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

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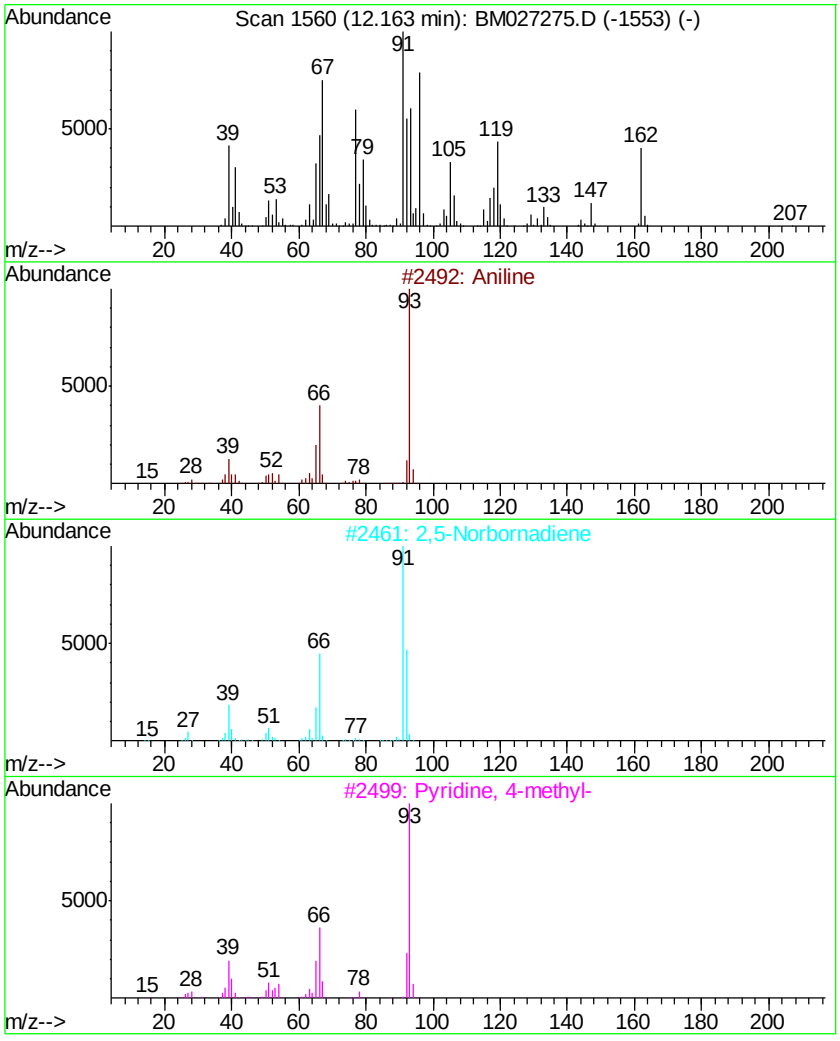
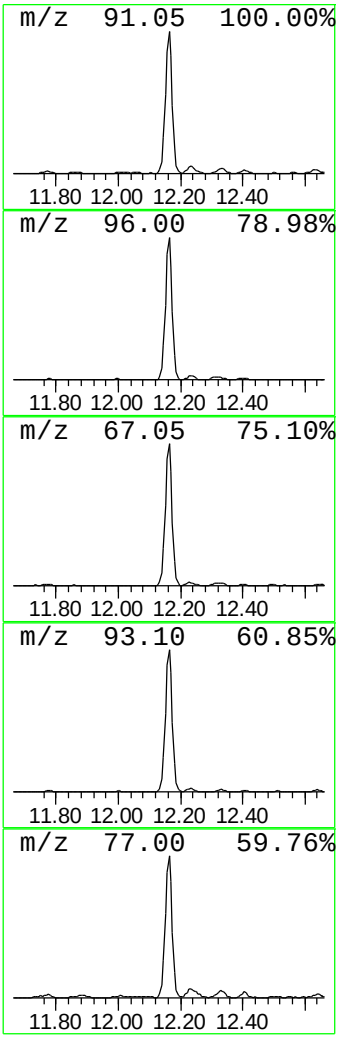
Peak Number 10 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	62.50 ng/ul	3114350	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline	93	C6H7N	000062-53-3	38
2	2,5-Norbornadiene	92	C7H8	000121-46-0	38
3	Pyridine, 4-methyl-	93	C6H7N	000108-89-4	38
4	Bicyclo[3.2.1]octane, 2,3-bis(me...	134	C10H14	049826-54-2	37
5	Aniline	93	C6H7N	000062-53-3	30





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Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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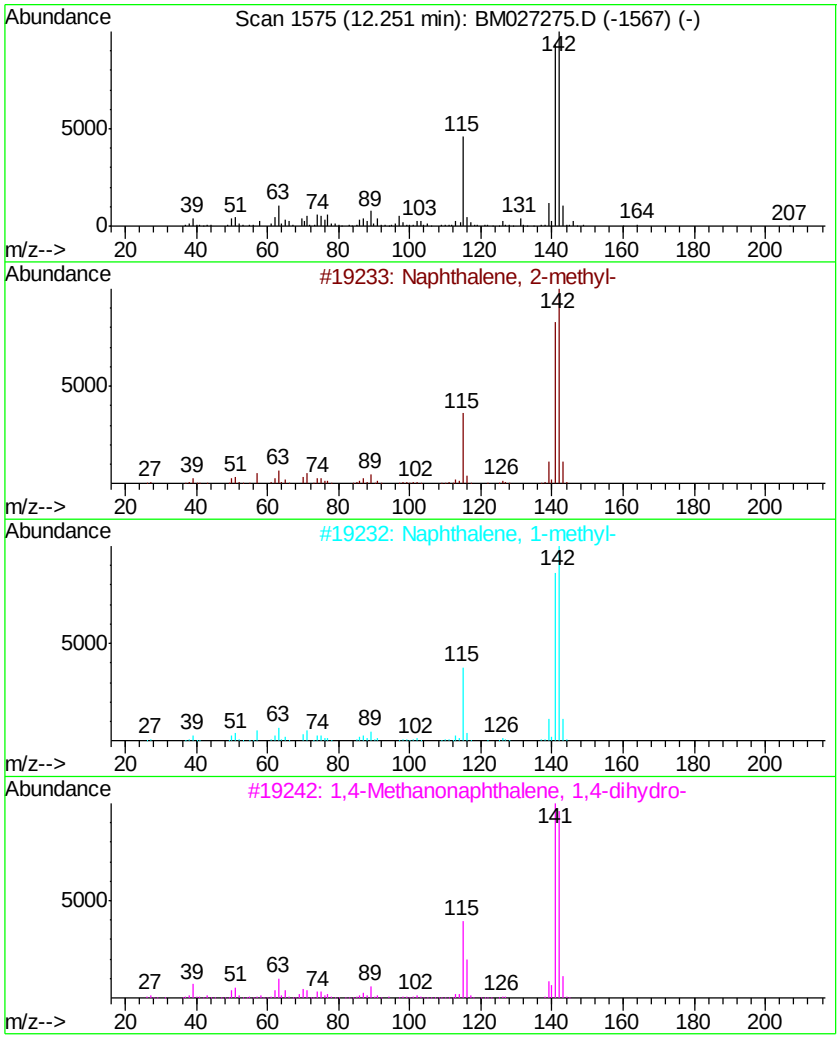
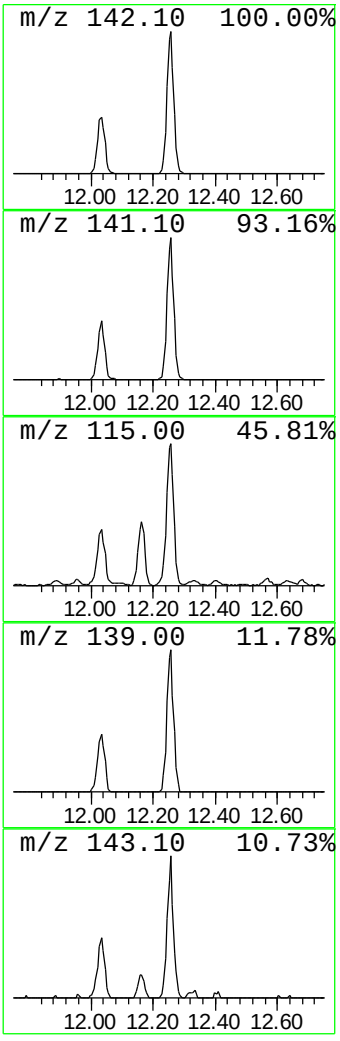
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	14.62 ng/ul	728763	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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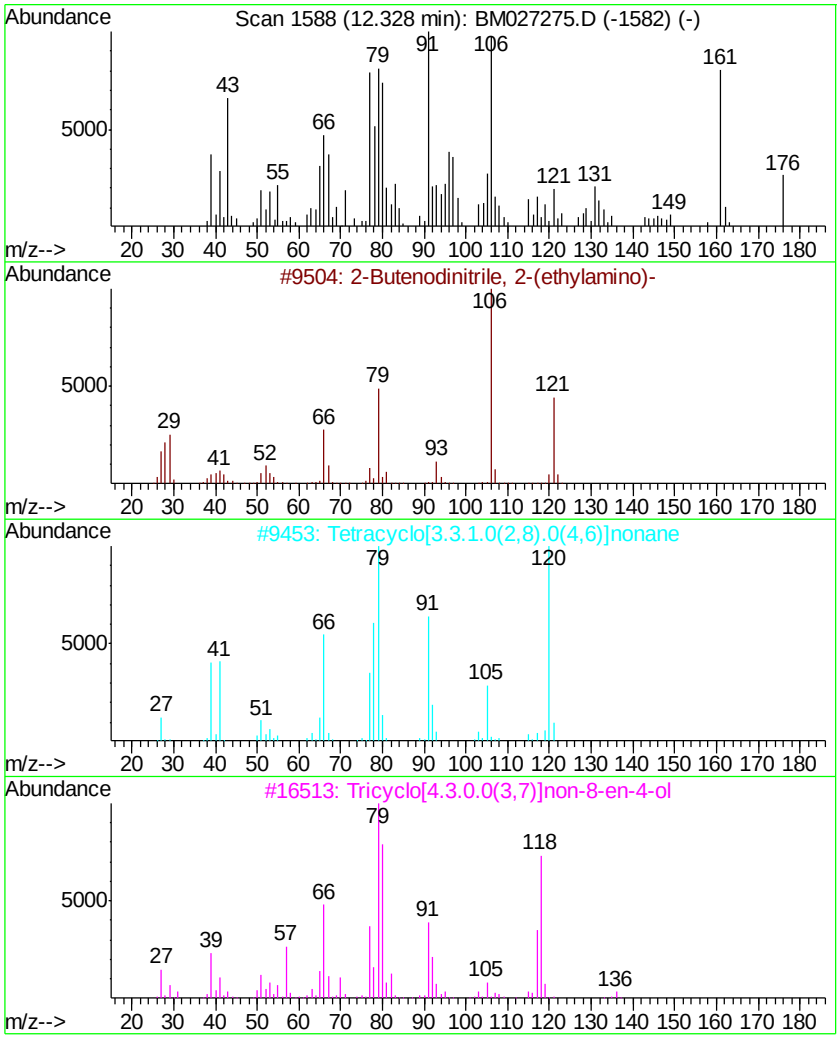
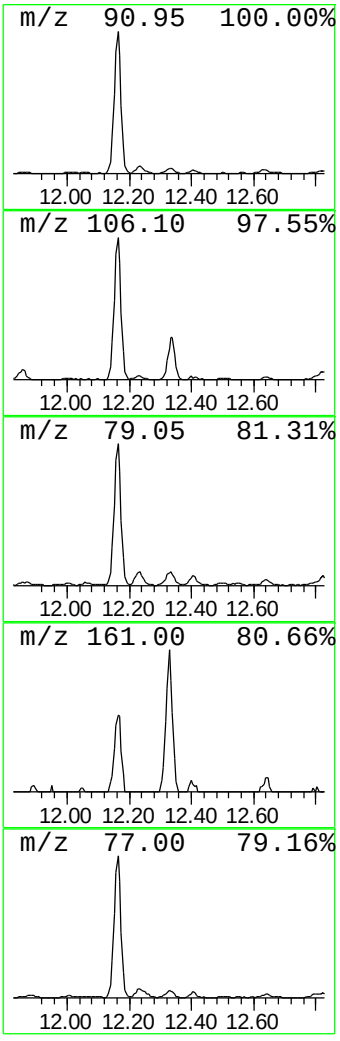
Peak Number 12 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.87 ng/ul	218676	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenodinitrile, 2-(ethylamino)-	121	C6H7N3	1000196-59-7	47
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]n...	120	C9H12	003105-29-1	43
3	Tricyclo[4.3.0.0(3,7)]non-8-en-4-ol	136	C9H12O	1000190-47-8	27
4	2-Nonen-4-yne, (E)-	122	C9H14	056392-49-5	27
5	Tetracyclo[3,3,1,0(2,4),0(6,8)]n...	120	C9H12	024506-61-4	22





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Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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Quant Title : SVOA CALIBRATION

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

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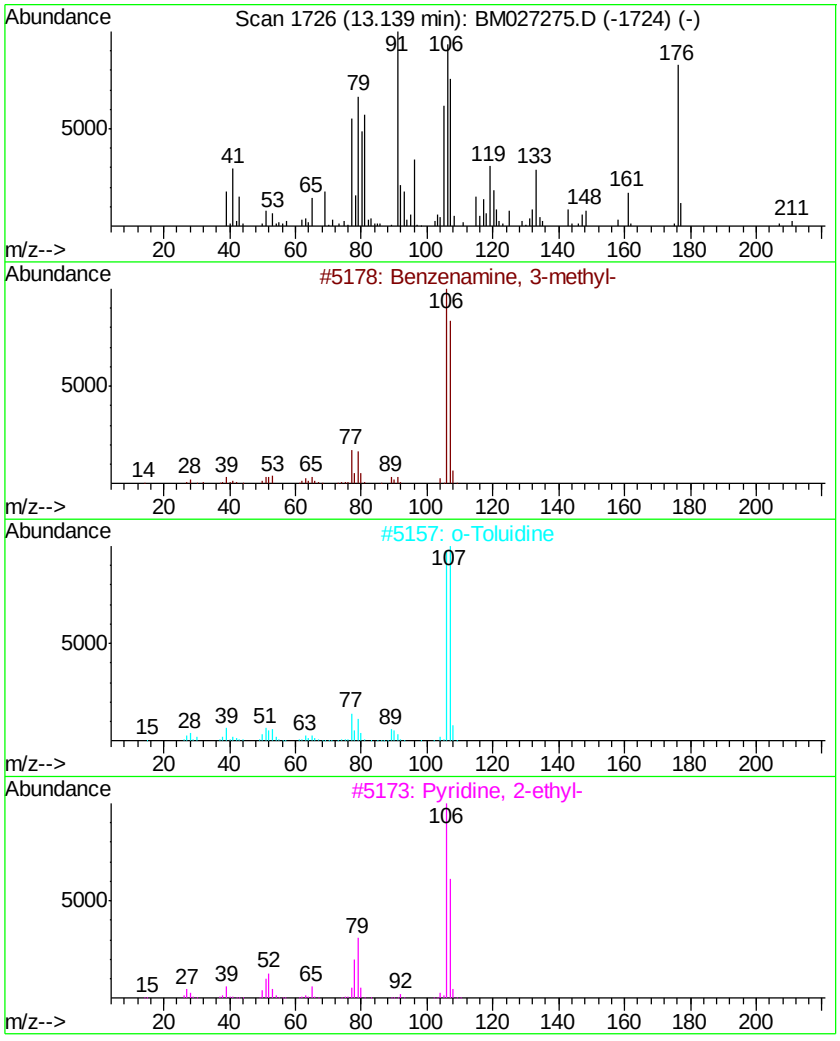
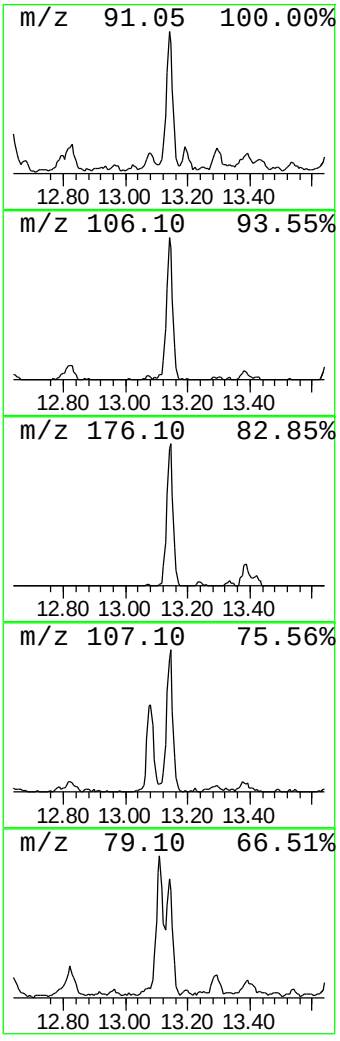
Peak Number 13 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.23 ng/ul	322829	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	49
2	o-Toluidine	107	C7H9N	000095-53-4	46
3	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	43
4	3-Pyrazolidinone, 4-methyl-1-phe...	176	C10H12N2O	002654-57-1	38
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	35





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Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

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Quant Title : SVOA CALIBRATION

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

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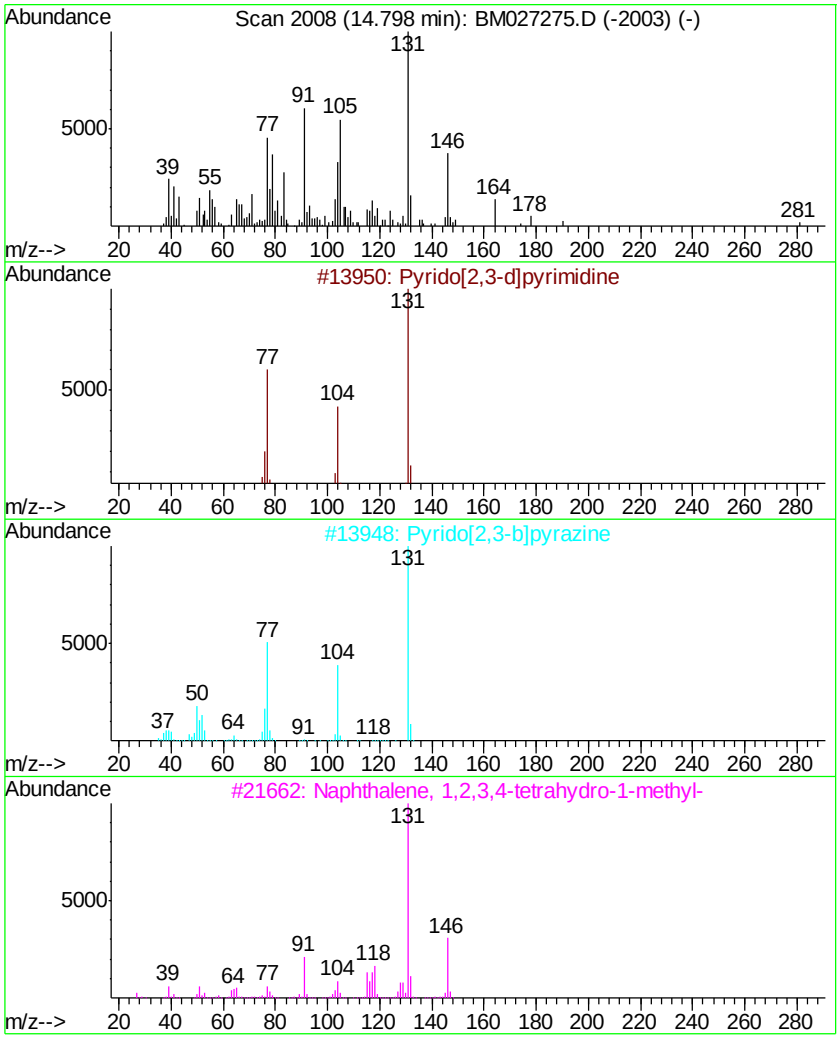
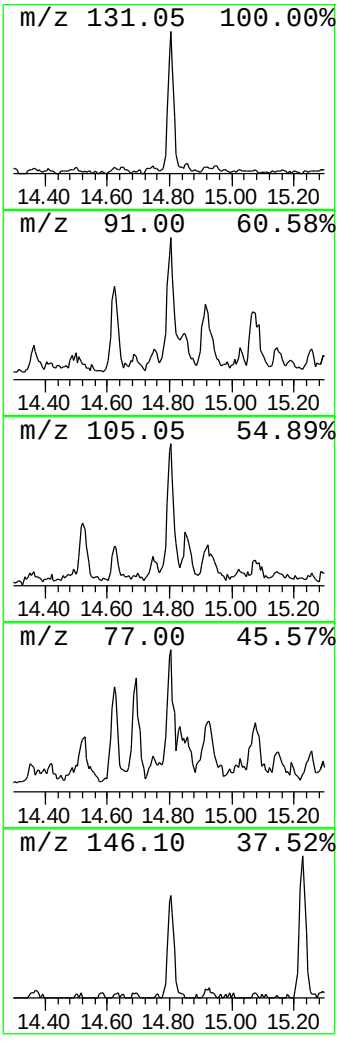
Peak Number 14 Pyrido[2,3-d]pyrimidine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.46 ng/ul	187632	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	50
2	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	50
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	49
5	Isoquinoline 1,2,3,4-tetrahydro-...	178	C9H10N2O2	010308-72-2	49





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Instrument : BNA_M
ClientSampleId : F4Y04DL

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Quant Title : SVOA CALIBRATION

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

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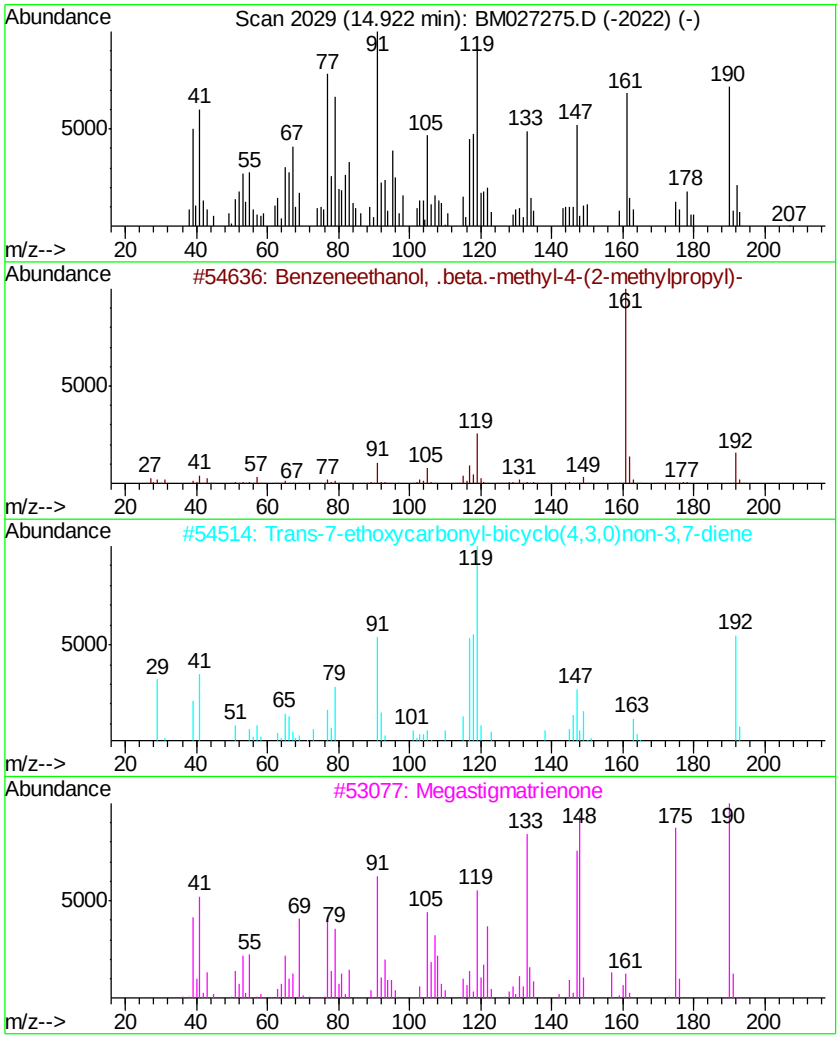
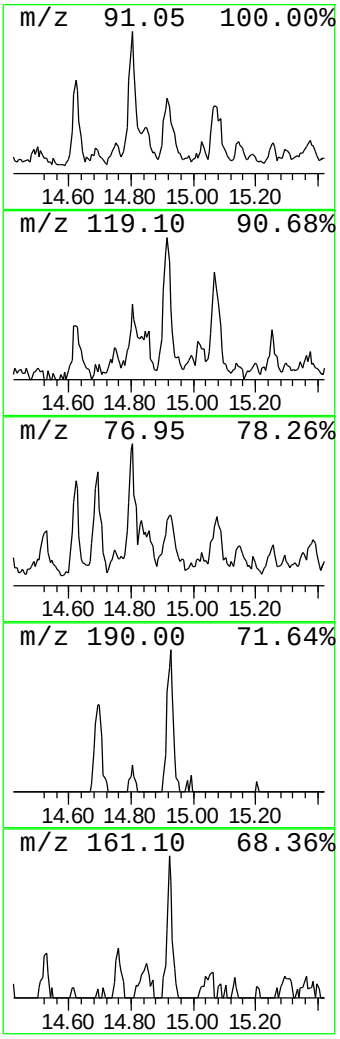
Peak Number 15 Benzeneethanol, .beta.-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.28 ng/ul	174143	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .beta.-methyl-4-...	192	C13H20O	036039-36-8	81
2	Trans-7-ethoxycarbonyl-bicyclo(4...	192	C12H16O2	1000145-77-2	55
3	Megastigmatrienone	190	C13H18O	038818-55-2	47
4	2,4(3H,5H)-Furandione, 5-methyl-...	190	C11H10O3	022884-80-6	30
5	Benzene, (1-ethylhexyl)-	190	C14H22	018335-15-4	30





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Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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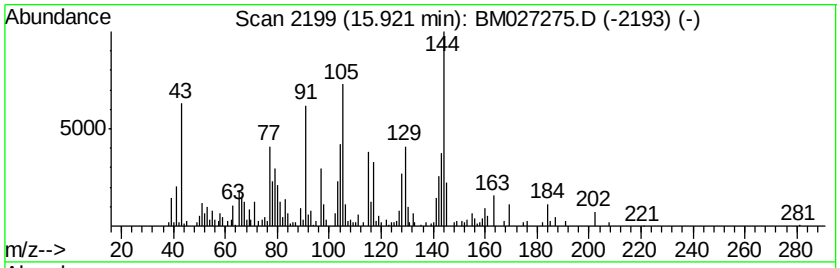
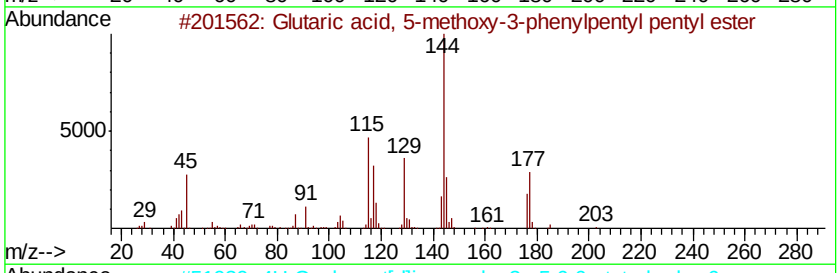
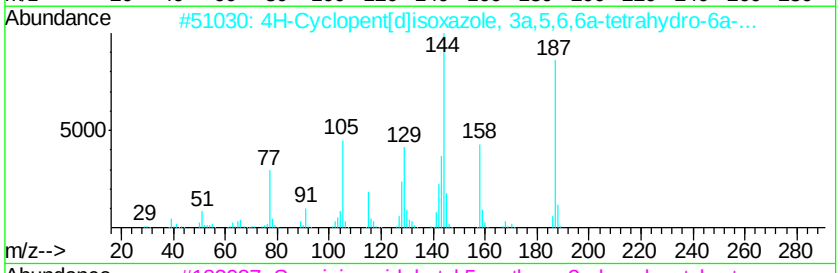
Peak Number 16 Glutaric acid, 5-methoxy-3-... Concentration Rank 18

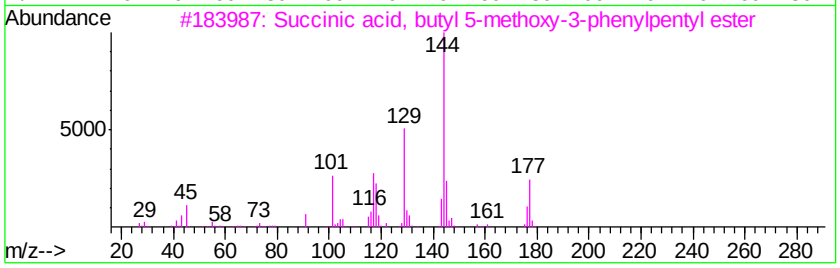
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.03 ng/ul	207275	Phenanthrene-d10	16.98

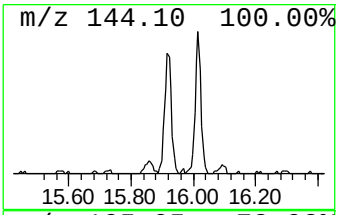
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glutaric acid, 5-methoxy-3-phenyl...	378	C22H34O5	1000359-53-1	53
2	4H-Cyclopent[d]isoxazole, 3a,5,6...	187	C12H13NO	1000362-09-4	50
3	Succinic acid, butyl 5-methoxy-3...	350	C20H30O5	1000330-24-8	43
4	1-(2-Hydroxy-2-methyl-propyl)-1,...	220	C14H20O2	1000185-79-7	38
5	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	35

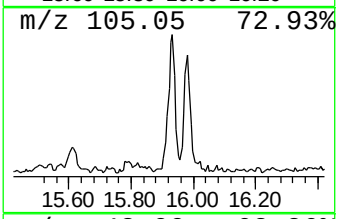


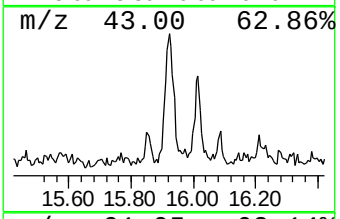


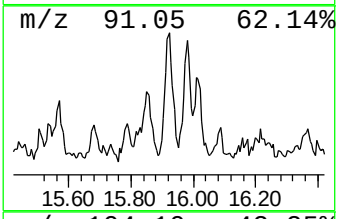


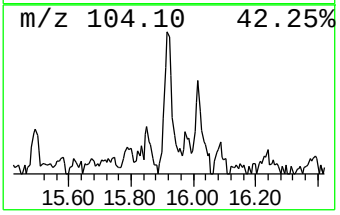












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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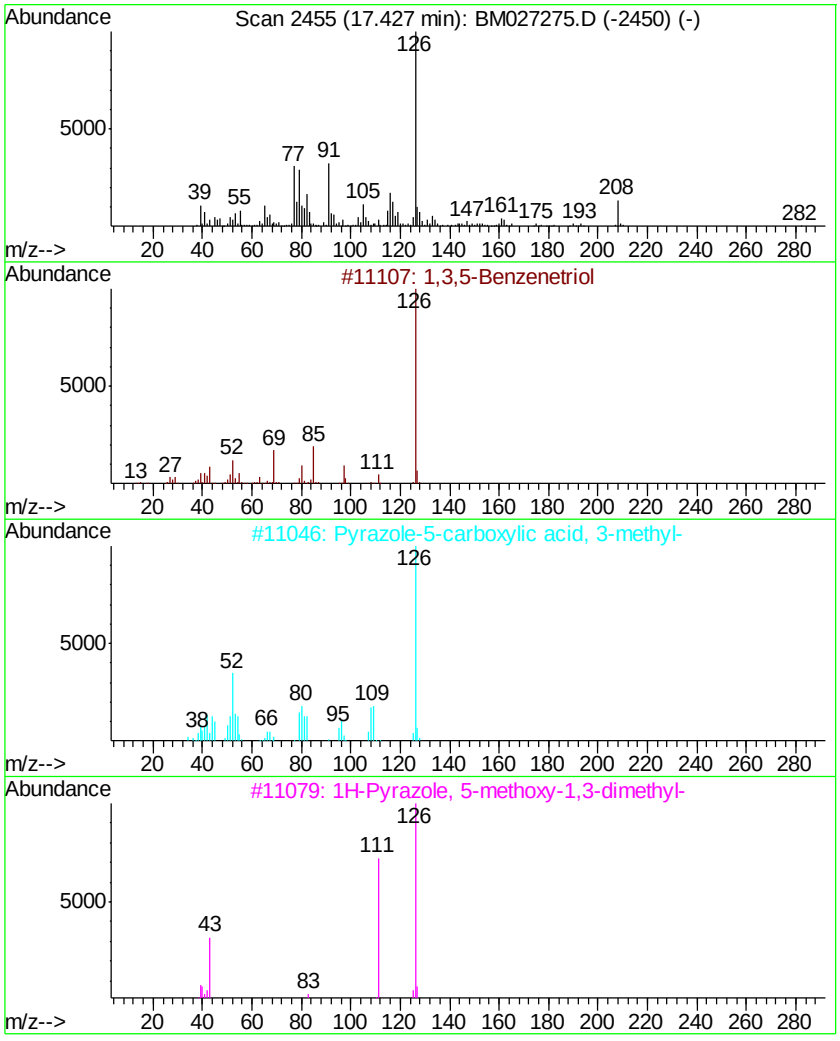
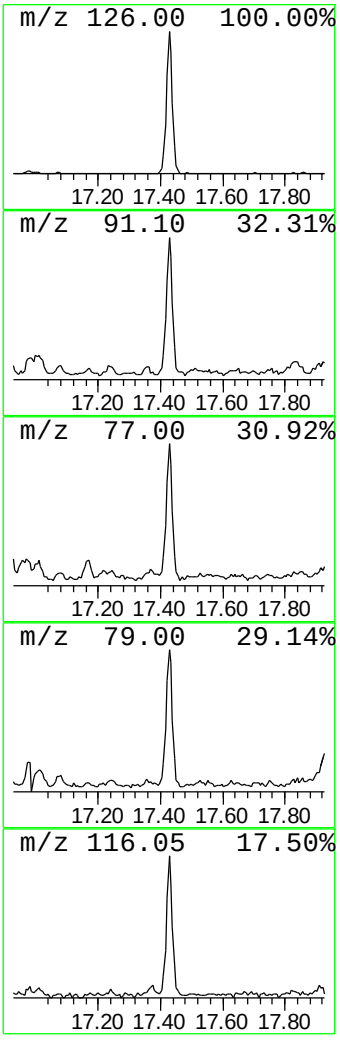
Peak Number 17 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	4.80 ng/ul	491483	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Benzenetriol	126	C6H6O3	000108-73-6	43
2	Pyrazole-5-carboxylic acid, 3-me...	126	C5H6N2O2	000696-22-0	43
3	1H-Pyrazole, 5-methoxy-1,3-dimet...	126	C6H10N2O	053091-80-8	38
4	1H-Imidazole-4-carboxamide, 5-am...	126	C4H6N4O	000360-97-4	38
5	5-Acetoxymethyl-2-furaldehyde	168	C8H8O4	010551-58-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

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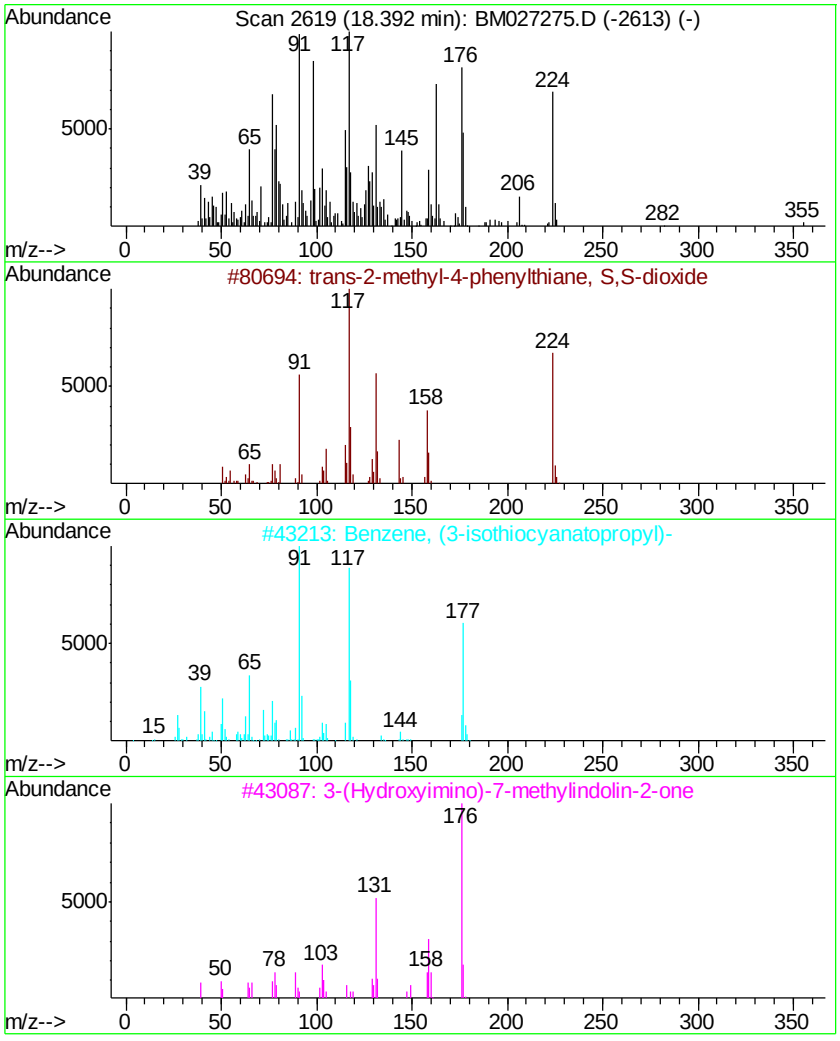
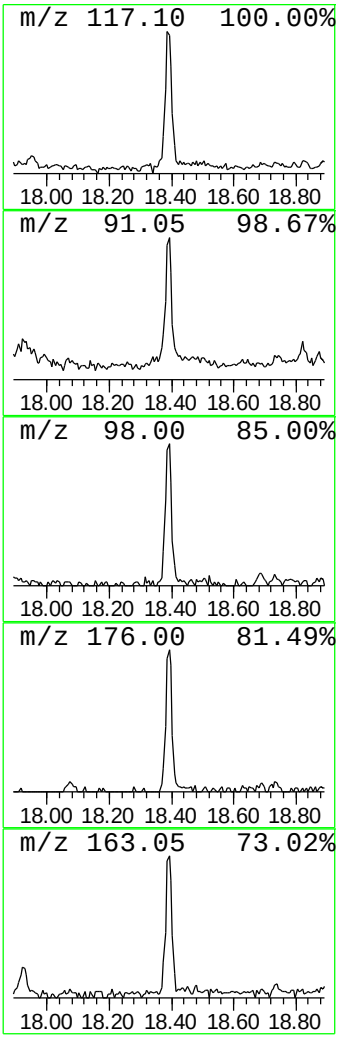
Peak Number 18 unknown-06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.39 ng/ul	244379	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-methyl-4-phenylthiane, S...	224	C12H16O2S	1000215-75-5	25
2	Benzene, (3-isothiocyanatopropyl)-	177	C10H11NS	002627-27-2	25
3	3-(Hydroxyimino)-7-methylindolin...	176	C9H8N2O2	013208-96-3	25
4	.alpha.-Acetamidocinnamic acid	205	C11H11NO3	005469-45-4	15
5	2-Butanone, 1,4-diphenyl-	224	C16H16O	037985-17-4	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082720\
Data File : BM027275.D
Acq On : 27 Aug 2020 14:18
Operator : JU/CG
Sample : L3776-05DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4Y04DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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
Cyclopentanol, 1-...	4.15	2.5	ng/ul	94181	1	7.59	748381	20.0
Ethylbenzene	5.15	23.0	ng/ul	859066	1	7.59	748381	20.0
p-Xylene	5.30	3.6	ng/ul	136504	1	7.59	748381	20.0
Benzene, 1,3-dime...	5.64	2.1	ng/ul	78603	1	7.59	748381	20.0
endo-2-Methyl-2-n...	7.23	3.5	ng/ul	132461	1	7.59	748381	20.0
Indane	7.96	3.3	ng/ul	122158	1	7.59	748381	20.0
Benzene, 1-propynyl-	8.12	6.4	ng/ul	239184	1	7.59	748381	20.0
unknown-01	10.00	2.8	ng/ul	137409	2	10.36	996668	20.0
4-Oxatetracyclo[6...	11.63	5.0	ng/ul	247900	2	10.36	996668	20.0
unknown-02	12.16	62.5	ng/ul	3114350	2	10.36	996668	20.0
Naphthalene, 1-me...	12.25	14.6	ng/ul	728763	2	10.36	996668	20.0
unknown-03	12.33	2.9	ng/ul	218676	3	14.23	1525390	20.0
unknown-04	13.14	4.2	ng/ul	322829	3	14.23	1525390	20.0
Pyrido[2,3-d]pyri...	14.80	2.5	ng/ul	187632	3	14.23	1525390	20.0
Benzeneethanol, ...	14.92	2.3	ng/ul	174143	3	14.23	1525390	20.0
Glutaric acid, 5-...	15.92	2.0	ng/ul	207275	4	16.98	2047070	20.0
unknown-05	17.43	4.8	ng/ul	491483	4	16.98	2047070	20.0
unknown-06	18.39	2.4	ng/ul	244379	4	16.98	2047070	20.0