LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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-BM082219MA.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	3.469	67	82	90	rVB	38359	117452	2.14%	0.528%
2	4.681	251	288	290	rBV2	100739	661756	12.03%	2.973%
3	4.799	292	308	311	rVB2	66863	206522	3.76%	0.928%
4	6.634	612	620	625	rBV2	17620	32861	0.60%	0.148%
5	6.763	634	642	660	rBV	683045	1080850	19.66%	4.855%
6	7.534	768	773	782	rBB	105779	167477	3.05%	0.752%
7	7.887	827	833	840	rBB	100170	155727	2.83%	0.700%
8	8.004	848	853	858	rVB	17500	26108	0.47%	0.117%
9	8.057	858	862	868	rVB	29358	43976	0.80%	0.198%
10	8.328	902	908	916	rBV2	47680	94599	1.72%	0.425%
11	8.716	965	974	978	rBV3	11114	23086	0.42%	0.104%
12	8.998	1013	1022	1027	rBB4	10175	24265	0.44%	0.109%
13	9.510	1105	1109	1113	rBV	52252	87102	1.58%	0.391%
14	9.545	1113	1115	1122	rVB3	32077	44516	0.81%	0.200%
15	9.722	1128	1145	1150	rBV3	118893	334619	6.08%	1.503%
16	9.792	1150	1157	1158	rVV2	19548	41315	0.75%	0.186%
17	9.828	1158	1163	1171	rVB	52654	99755	1.81%	0.448%
18	9.969	1180	1187	1192	rBB3	25909	43953	0.80%	0.197%
19	10.310	1238	1245	1248	rVV	150415	258650	4.70%	1.162%
20	10.369	1248	1255	1264	rVV	3610696	5499098	100.00%	24.702%
21	10.481	1268	1274	1288	rVB	114326	198872	3.62%	0.893%
22	10.869	1335	1340	1344	rBV	11918	20106	0.37%	0.090%
23	11.069	1344	1374	1385	rVV	488956	2640650	48.02%	11.862%
24	11.163	1385	1390	1394	rVV2	27250	50434	0.92%	0.227%
25	11.210	1394	1398	1407	rVB3	27227	55328	1.01%	0.249%
26	11.328	1412	1418	1427	rVV5	13939	35022	0.64%	0.157%
27	11.845	1501	1506	1518	rVB3	55484	105283	1.91%	0.473%
28	11.980	1522	1529	1538	rVB	271310	427067	7.77%	1.918%
29	12.204	1555	1567	1580	rBV3	390096	762101	13.86%	3.423%
30	12.486	1611	1615	1624	rBV4	10211	20154	0.37%	0.091%
31	13.016	1695	1705	1710	rBV	57606	90703	1.65%	0.407%
32	13.151	1723	1728	1734	rBV2	32710	53194	0.97%	0.239%
33	13.345	1752	1761	1762	rBV4	20511	34051	0.62%	0.153%
34	13.504	1780	1788	1792	rBV2	36656	69577	1.27%	0.313%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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-BM082219MA.M
Title : SVOA CALIBRATION

35	13.557	1792	1797	1804	rVV4	29735	59469	1.08%	0.267%
36	13.622	1804	1808	1813	rVV	48972	67316	1.22%	0.302%
37	13.745	1825	1829	1841	rVB4	17713	39690	0.72%	0.178%
38	13.886	1848	1853	1856	rBV	41772	64754	1.18%	0.291%
39	13.916	1856	1858	1867	rVB4	23048	34361	0.62%	0.154%
40	14.086	1881	1887	1894	rBV3	66674	135808	2.47%	0.610%
41	14.192	1897	1905	1911	rBV	293127	425004	7.73%	1.909%
42	14.257	1911	1916	1926	rVB	483222	663236	12.06%	2.979%
43	14.357	1926	1933	1937	rBV2	52532	76701	1.39%	0.345%
44	14.480	1949	1954	1960	rBV2	35038	59288	1.08%	0.266%
45	14.598	1968	1974	1979	rBV	198903	280615	5.10%	1.261%
46	14.645	1979	1982	1991	rVB2	19755	30276	0.55%	0.136%
47	14.992	2036	2041	2051	rVB	78596	122335	2.22%	0.550%
48	15.198	2070	2076	2081	rBV	75352	108625	1.98%	0.488%
49	15.251	2081	2085	2095	rVB	226511	348034	6.33%	1.563%
50	15.386	2103	2108	2110	rVV4	29721	48611	0.88%	0.218%
51	15.416	2110	2113	2119	rVV4	25496	40953	0.74%	0.184%
52	15.504	2119	2128	2133	rVV9	13818	45670	0.83%	0.205%
53	15.610	2142	2146	2151	rVB3	15046	20319	0.37%	0.091%
54	15.668	2151	2156	2158	rBV4	19661	31044	0.56%	0.139%
55	15.698	2158	2161	2169	rVB3	22445	44717	0.81%	0.201%
56	15.786	2169	2176	2186	rBV	25295	40196	0.73%	0.181%
57	15.974	2202	2208	2217	rBV2	102328	213935	3.89%	0.961%
58	16.086	2223	2227	2236	rVB	40036	67236	1.22%	0.302%
59	16.168	2236	2241	2246	rBV	42228	62128	1.13%	0.279%
60	16.245	2246	2254	2259	rBV2	103617	180067	3.27%	0.809%
61	16.392	2274	2279	2285	rVB7	16435	26920	0.49%	0.121%
62	16.757	2336	2341	2349	rVV2	48644	105711	1.92%	0.475%
63	16.874	2352	2361	2368	rVV8	36320	101297	1.84%	0.455%
64	16.957	2368	2375	2379	rVV2	397414	632281	11.50%	2.840%
65	17.004	2379	2383	2387	rVV	261737	377097	6.86%	1.694%
66	17.063	2387	2393	2401	rVV5	116568	294751	5.36%	1.324%
67	17.127	2401	2404	2407	rVV2	25087	39277	0.71%	0.176%
68	17.168	2407	2411	2420	rVV	95939	148814	2.71%	0.668%
69	17.380	2442	2447	2455	rVB	446649	660857	12.02%	2.969%
70	17.486	2455	2465	2470	rBV2	61458	120863	2.20%	0.543%
71	17.551	2471	2476	2482	rVV	98285	153284	2.79%	0.689%

LSC Area Percent Report

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Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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-BM082219MA.M
Title : SVOA CALIBRATION

72	17.627	2482	2489	2494	rVV	44393	82488	1.50%	0.371%
73	17.686	2494	2499	2501	rVV2	24803	37671	0.69%	0.169%
74	17.733	2503	2507	2512	rVB5	19984	35545	0.65%	0.160%
75	17.815	2516	2521	2525	rBV	59987	92858	1.69%	0.417%
76	17.851	2525	2527	2530	rVV3	20887	27572	0.50%	0.124%
77	17.892	2530	2534	2538	rVV3	35978	60703	1.10%	0.273%
78	17.980	2545	2549	2554	rVB	56589	75860	1.38%	0.341%
79	18.051	2554	2561	2566	rBV6	41456	89738	1.63%	0.403%
80	18.145	2571	2577	2581	rBV2	33962	70500	1.28%	0.317%
81	18.245	2589	2594	2597	rBV	41924	57280	1.04%	0.257%
82	18.298	2599	2603	2610	rVV4	16375	37686	0.69%	0.169%
83	18.357	2610	2613	2619	rVB	27646	39641	0.72%	0.178%
84	18.439	2619	2627	2632	rBV7	33407	72195	1.31%	0.324%
85	18.568	2645	2649	2655	rVB4	18887	29732	0.54%	0.134%
86	18.686	2664	2669	2672	rVB5	17614	22670	0.41%	0.102%
87	18.727	2672	2676	2680	rBV4	14186	23623	0.43%	0.106%
88	19.033	2724	2728	2733	rBV2	37643	49135	0.89%	0.221%
89	19.180	2749	2753	2760	rVB4	19946	35908	0.65%	0.161%
90	19.245	2760	2764	2772	rBV2	63520	89709	1.63%	0.403%
91	19.368	2780	2785	2793	rBV2	109648	174545	3.17%	0.784%
92	19.433	2793	2796	2804	rVB2	35243	55304	1.01%	0.248%
93	19.798	2855	2858	2861	rVV2	16121	20839	0.38%	0.094%
94	19.839	2861	2865	2868	rVV	31134	48367	0.88%	0.217%
95	19.892	2869	2874	2881	rVB	50692	84219	1.53%	0.378%
96	20.533	2979	2983	2990	rVB	76660	112788	2.05%	0.507%
97	20.845	3031	3036	3038	rBV2	59823	88692	1.61%	0.398%
98	20.868	3038	3040	3047	rVB	54185	74666	1.36%	0.335%
99	21.174	3087	3092	3100	rBV	439309	553686	10.07%	2.487%
100	23.362	3459	3464	3474	rVB	234776	440753	8.02%	1.980%

Sum of corrected areas: 22262142

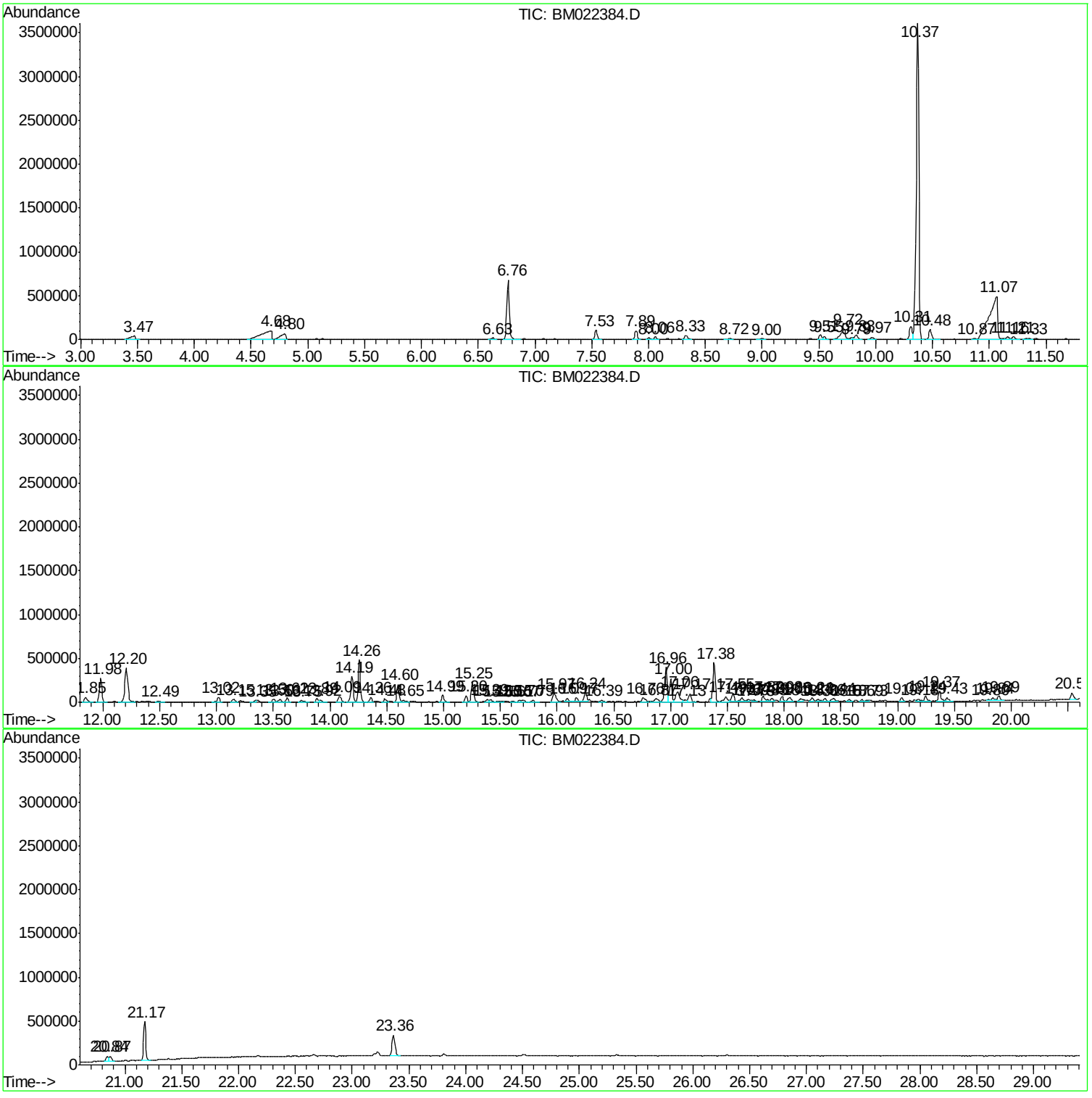
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

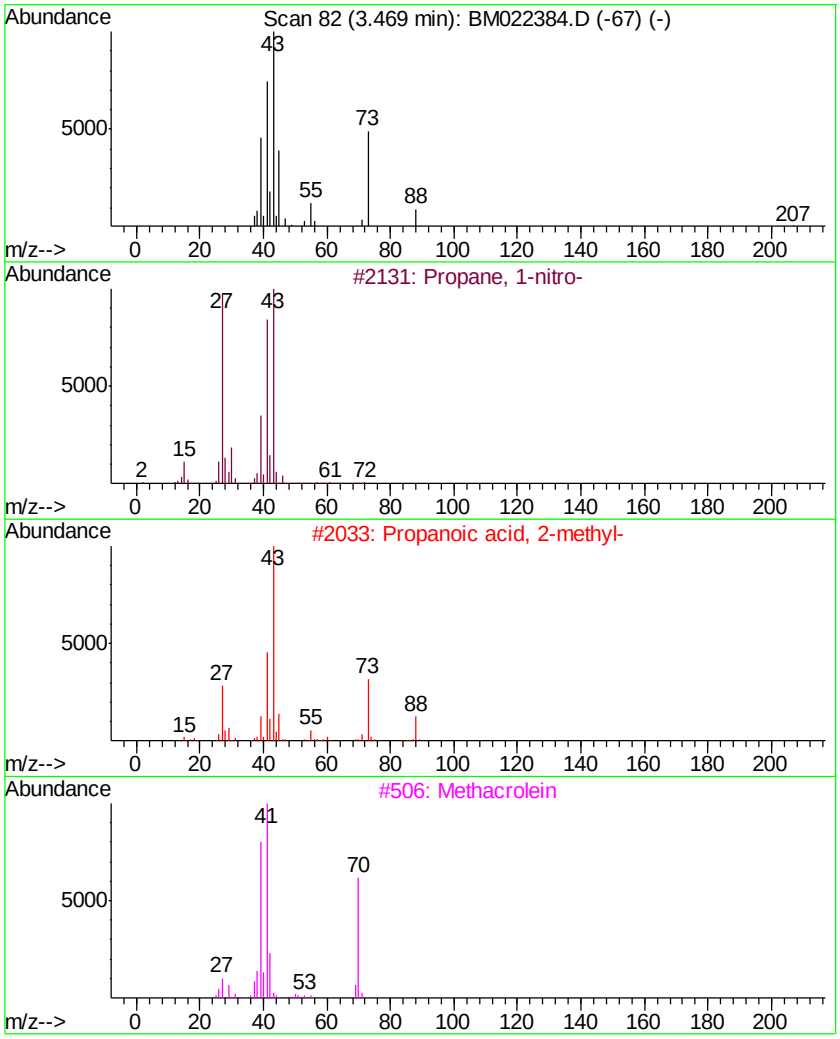
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

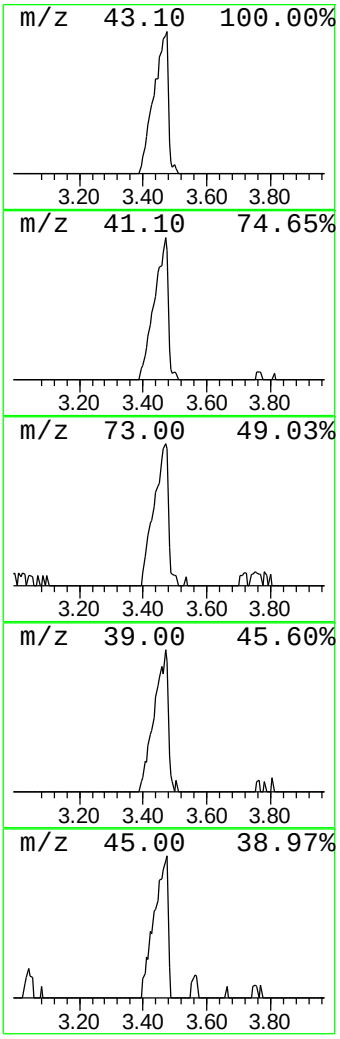
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	14.03 ng/ul	117452	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	37
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	27
3	Methacrolein	70	C4H6O	000078-85-3	25
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	25
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	25





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

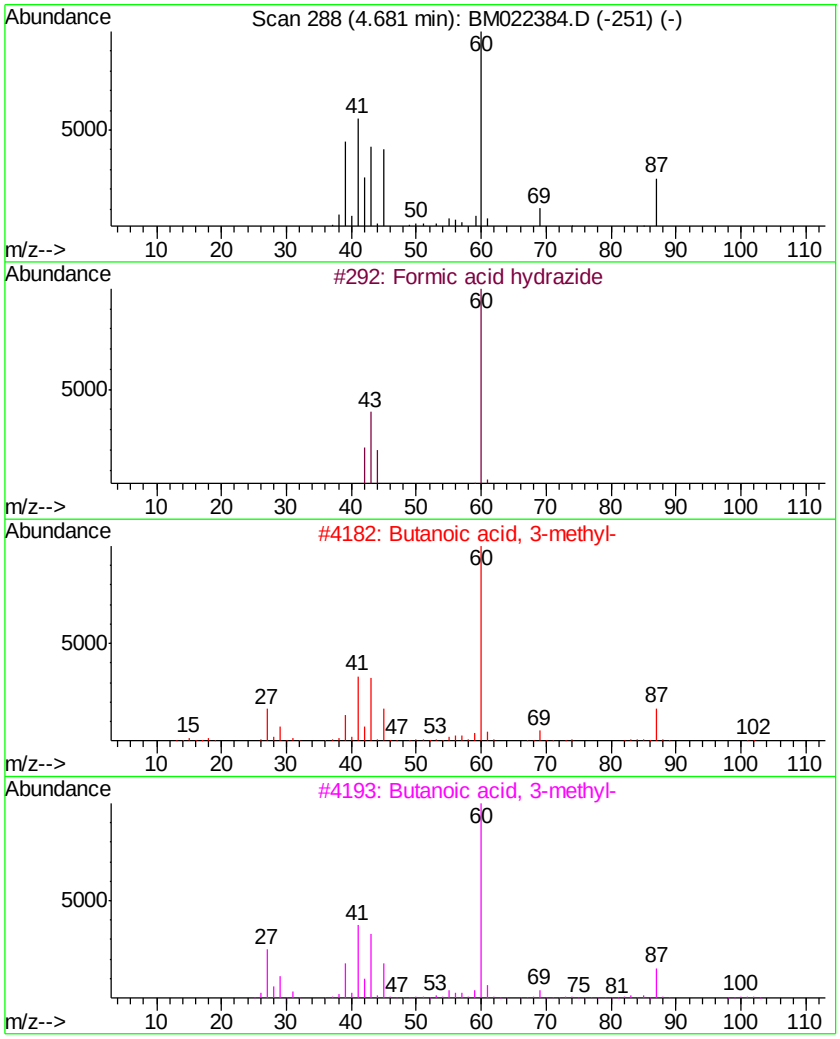
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

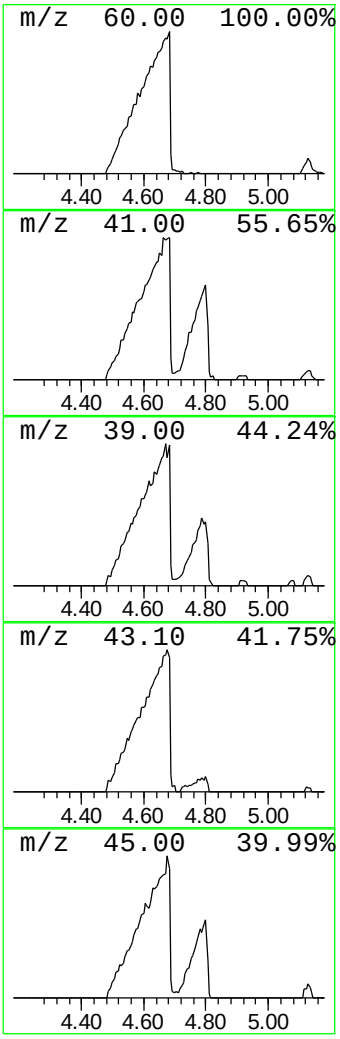
****

Peak Number 2 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	79.03 ng/ul	661756	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid hydrazide	60	CH4N2O	000624-84-0	47
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	37
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	37
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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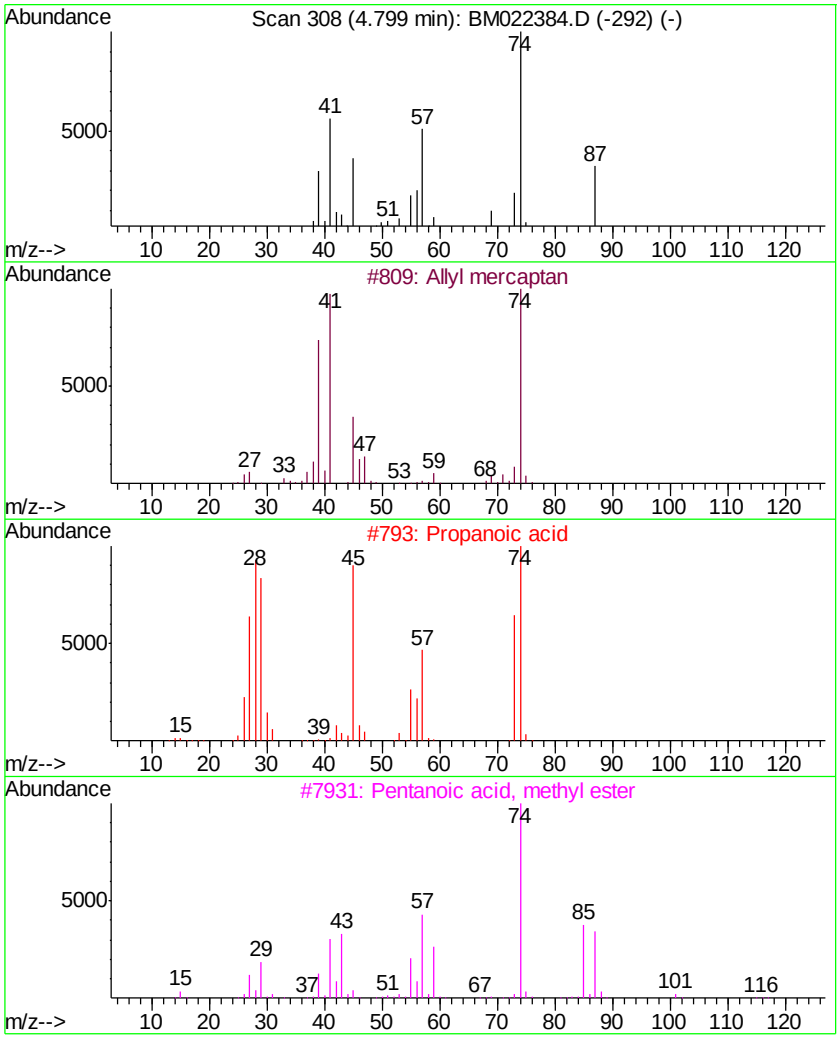
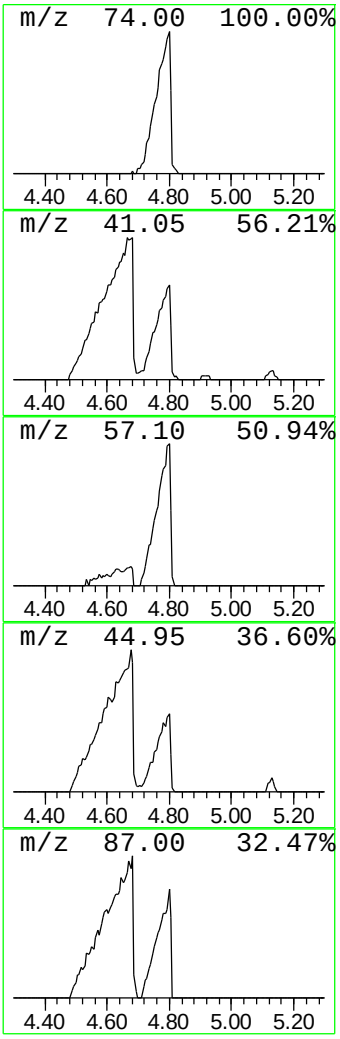
Peak Number 3 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	24.66 ng/ul	206522	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl mercaptan	74	C3H6S	000870-23-5	47
2	Propanoic acid	74	C3H6O2	000079-09-4	38
3	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	28
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	12
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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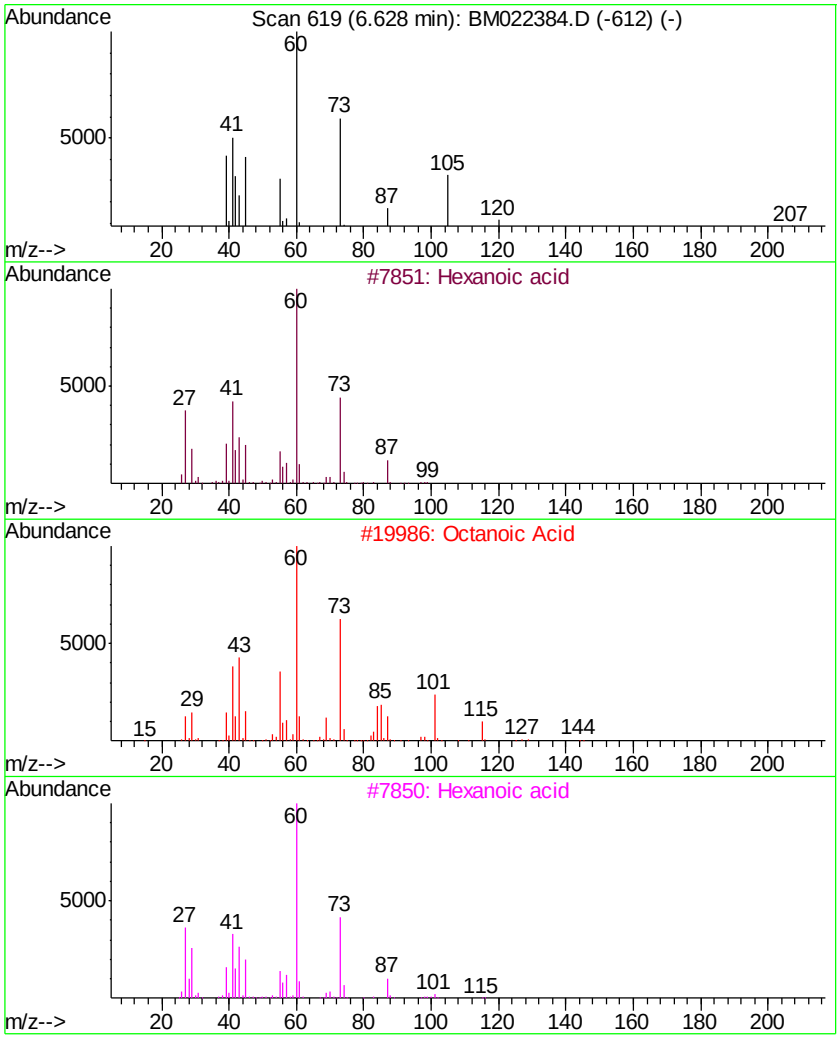
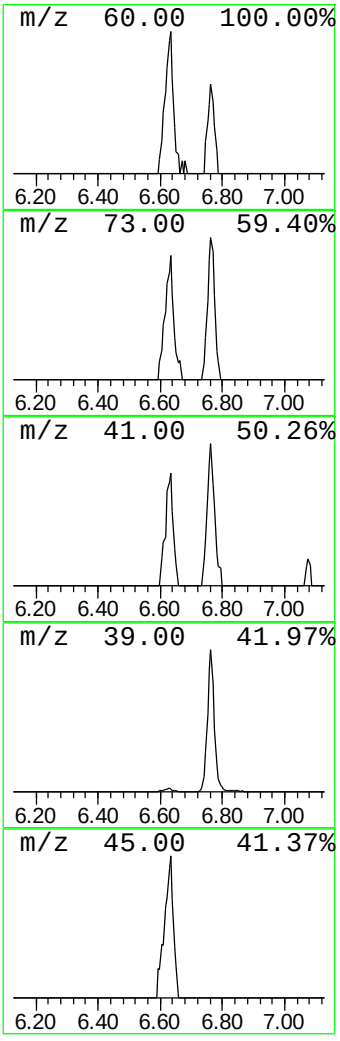
Peak Number 4 Hexanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.92 ng/ul	32861	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	53
2	Octanoic Acid	144	C8H16O2	000124-07-2	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	42
4	Hexanoic acid	116	C6H12O2	000142-62-1	42
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	36





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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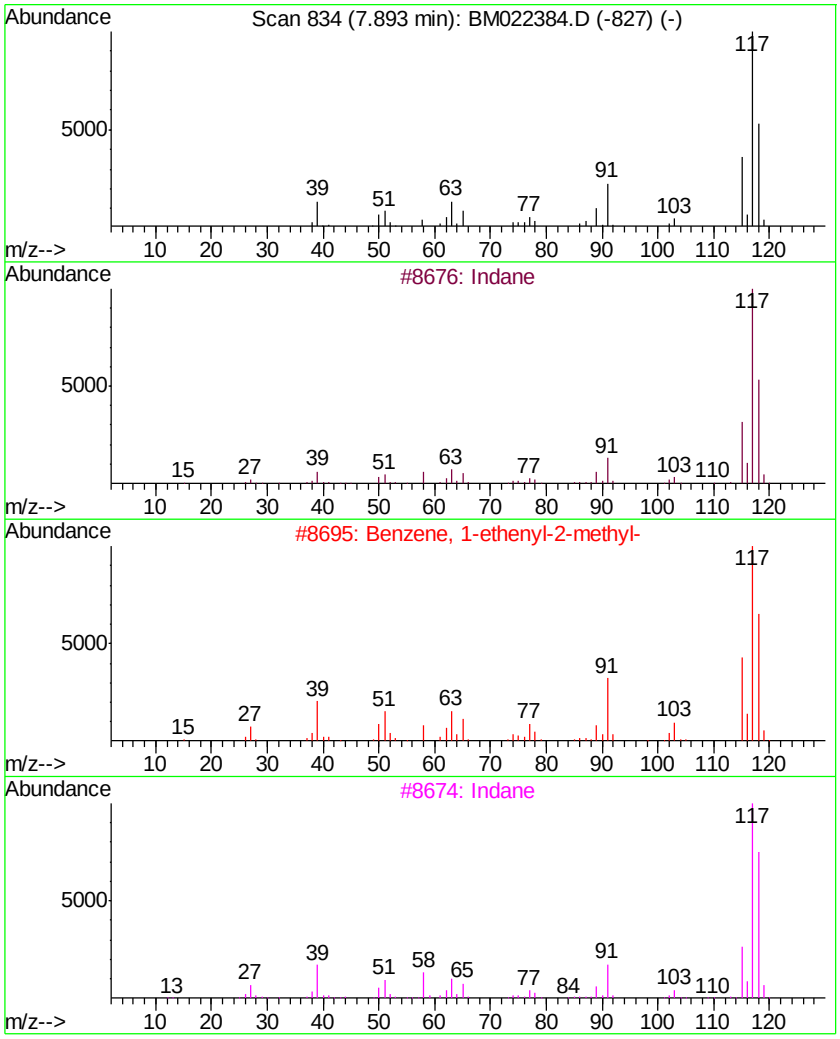
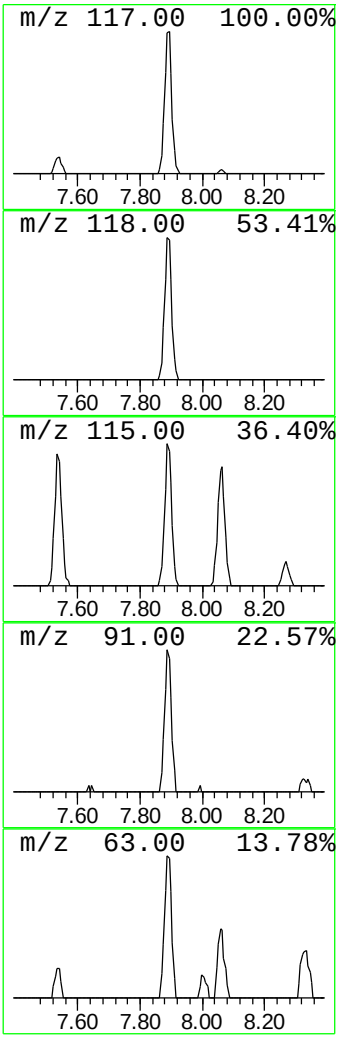
Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	18.60 ng/ul	155727	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Indane	118	C9H10	000496-11-7	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72





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Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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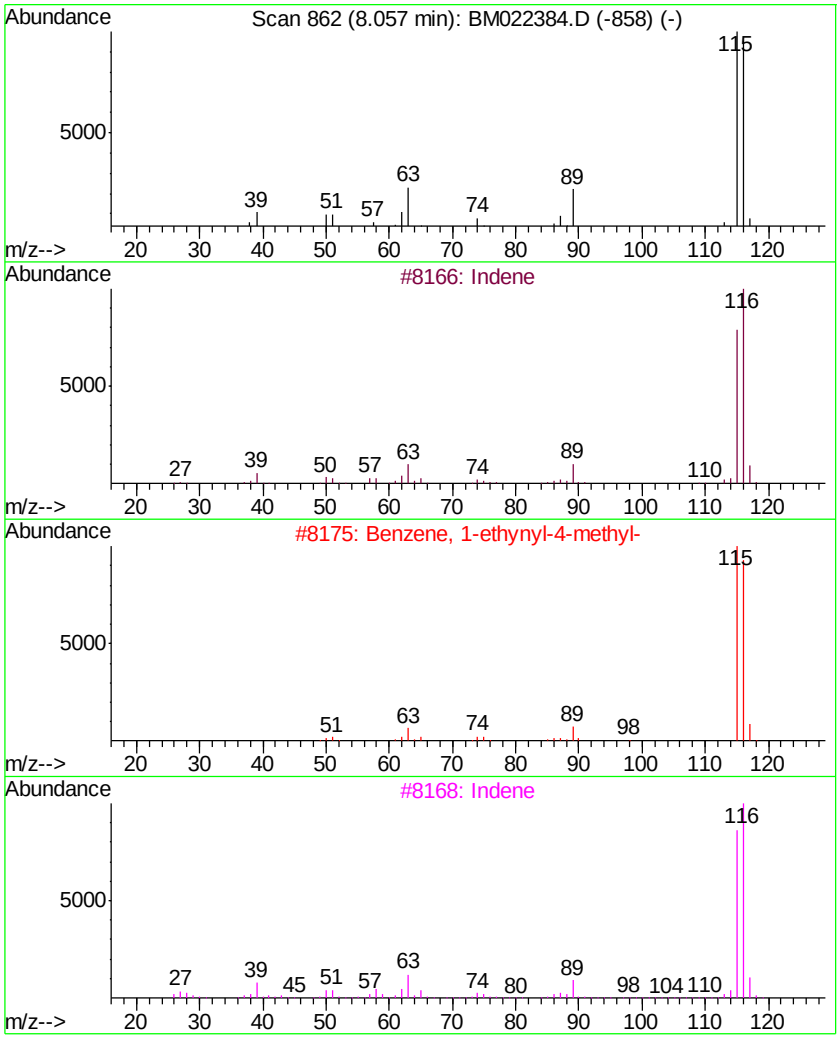
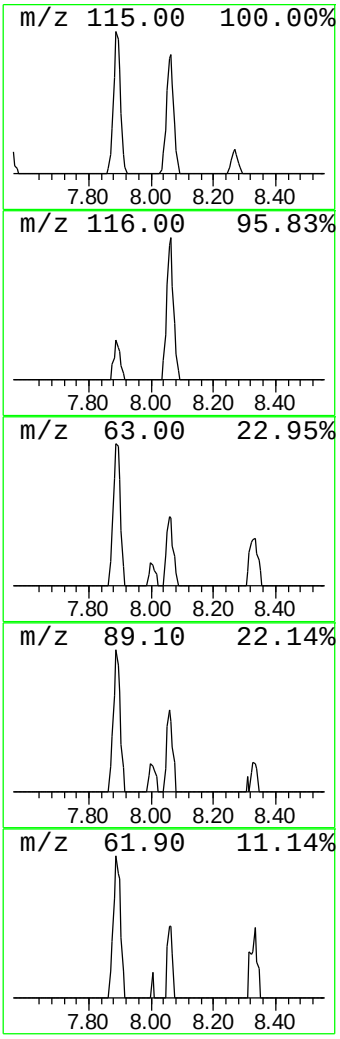
Peak Number 6 Indene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.25 ng/ul	43976	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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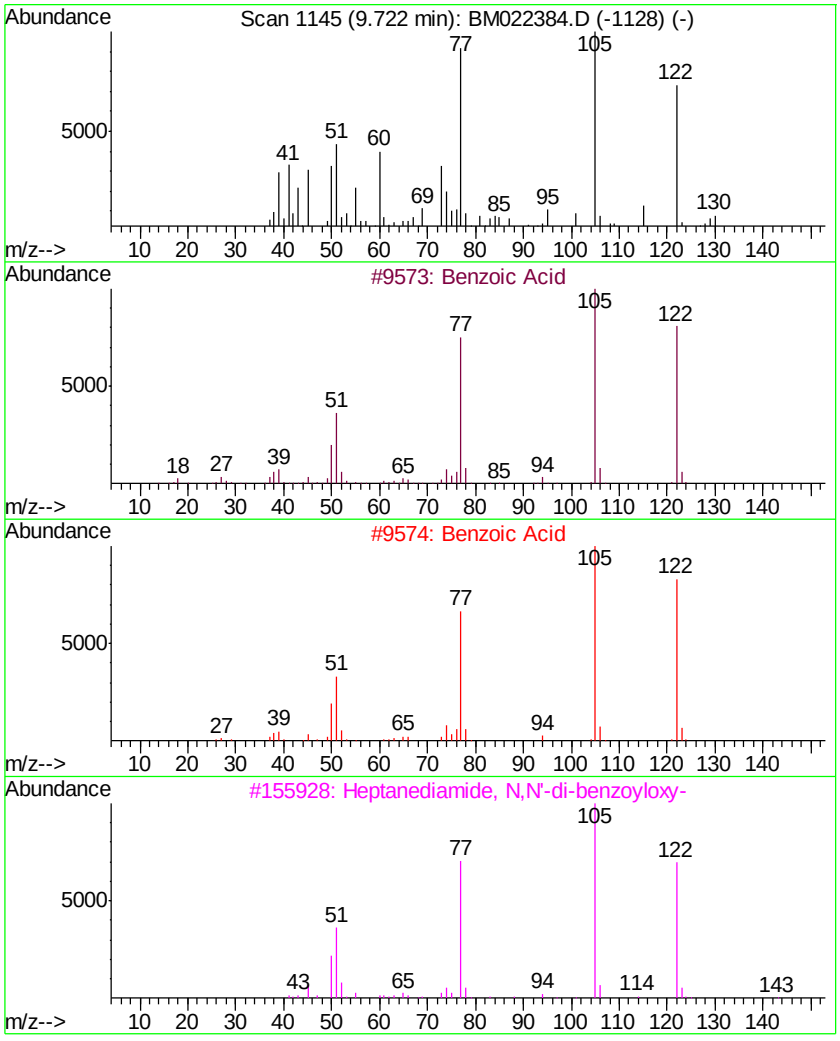
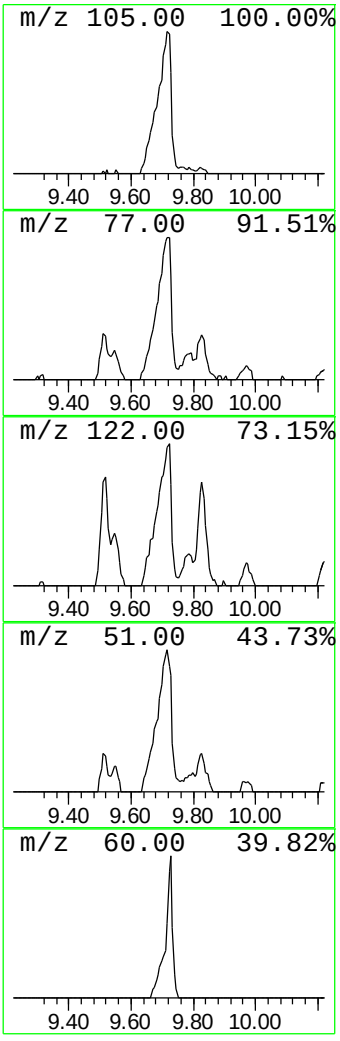
Peak Number 7 Heptanediamide, N,N'-di-ben... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	25.87 ng/ul	334619	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid	122	C7H6O2	000065-85-0	93
2	Benzoic Acid	122	C7H6O2	000065-85-0	76
3	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	53
4	4-Pyridinecarboxaldehyde, oxime	122	C6H6N2O	000696-54-8	45
5	4-Pyridinecarboxaldehyde, oxime,...	122	C6H6N2O	001637-52-1	43





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Sample : K4395-04DL 10X
Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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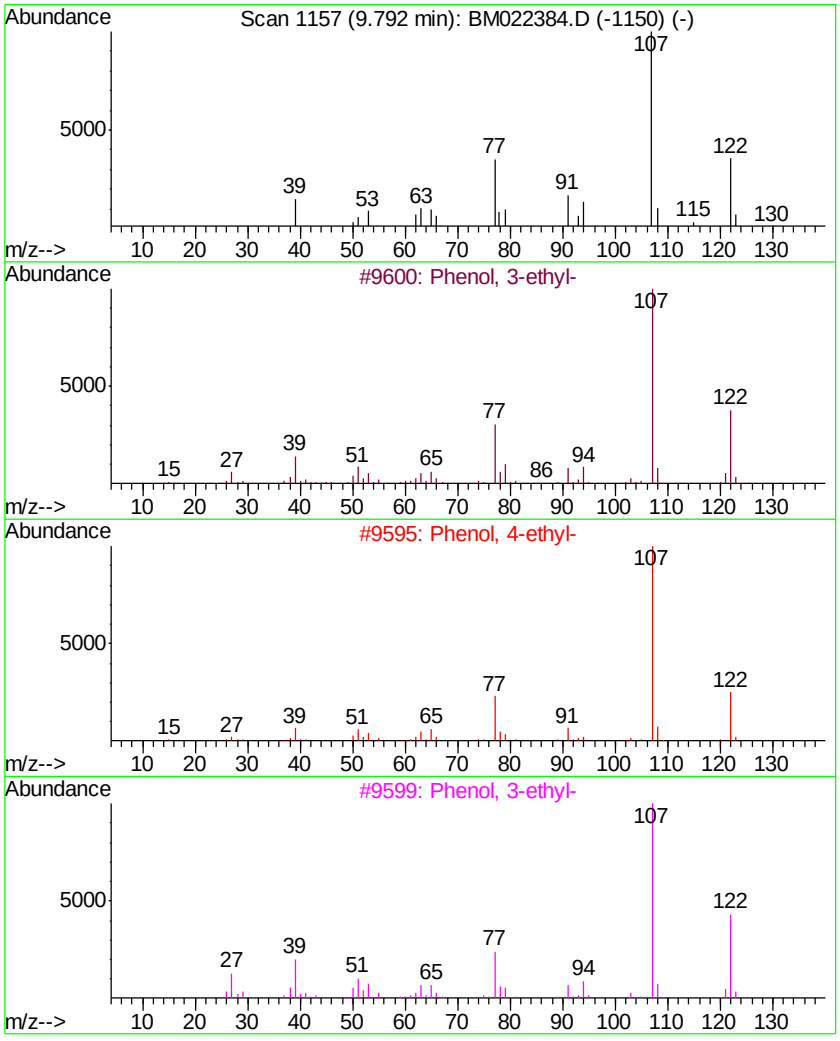
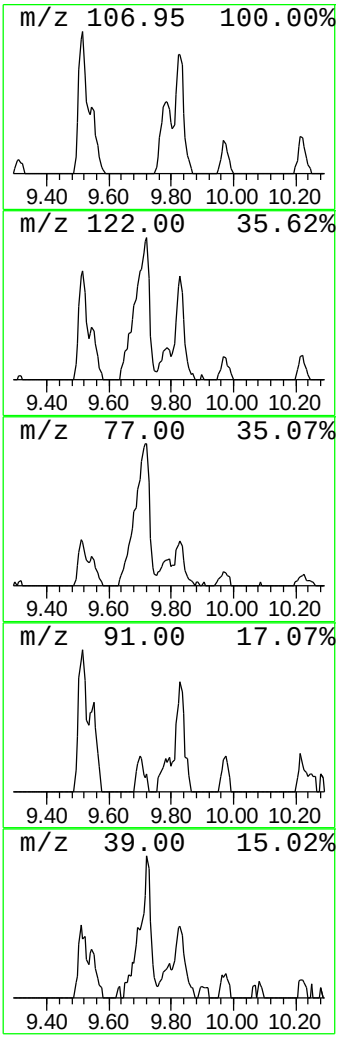
Peak Number 8 Phenol, 3-ethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	3.19 ng/ul	41315	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	80
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	78
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	72
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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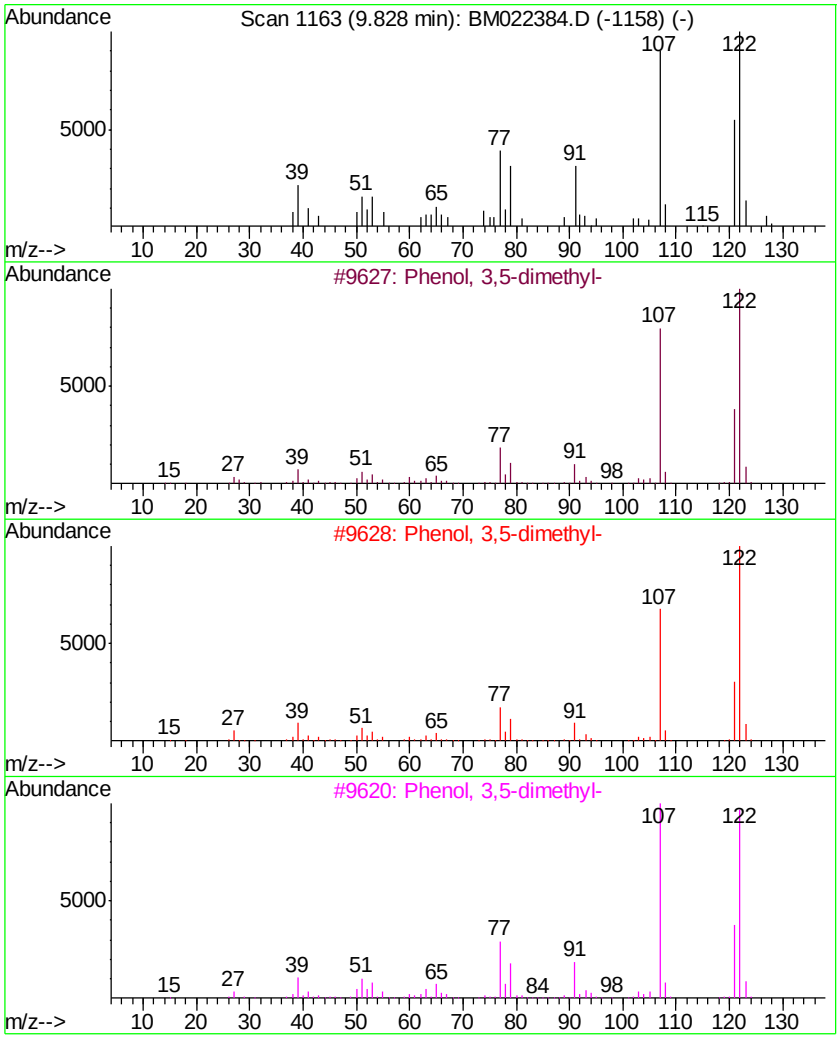
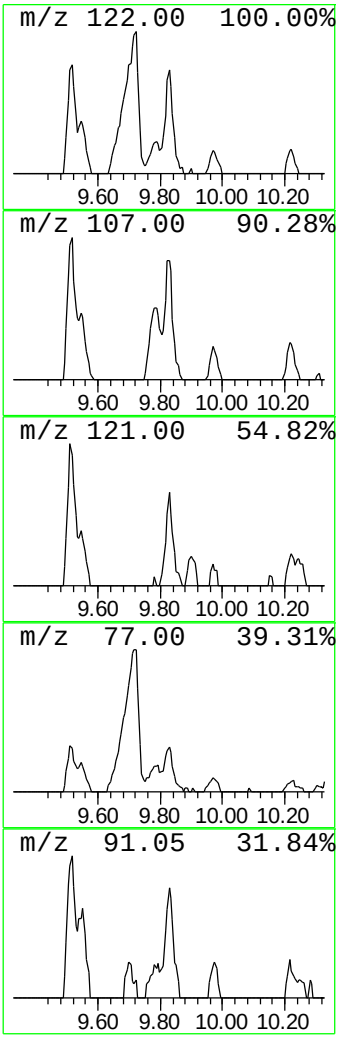
Peak Number 9 Phenol, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	7.71 ng/ul	99755	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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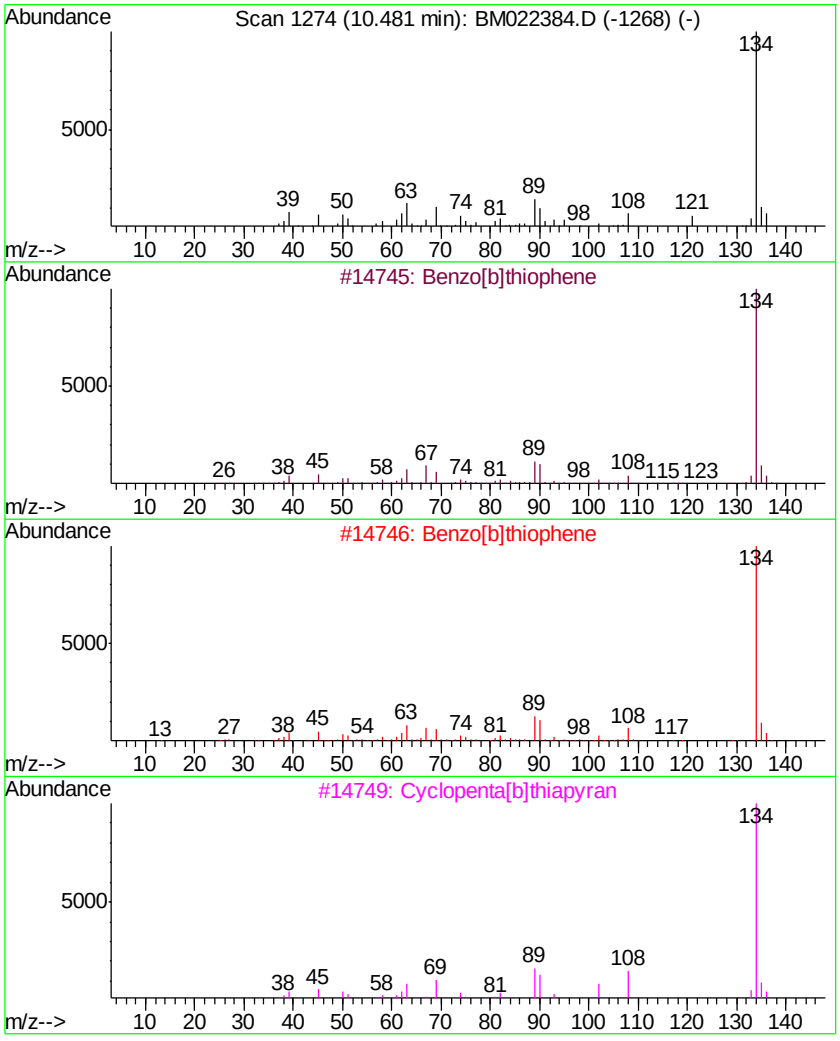
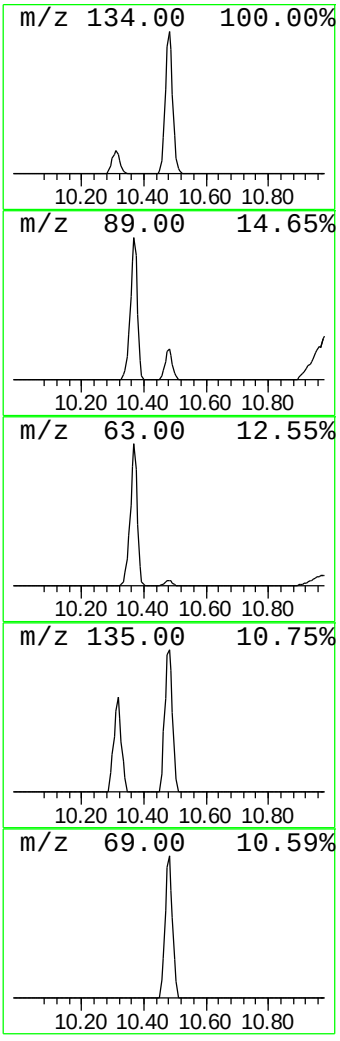
Peak Number 10 Cyclopenta[b]thiapyran Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	15.38 ng/ul	198872	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	90
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
5	2-Benzothiophene #	134	C8H6S	000270-82-6	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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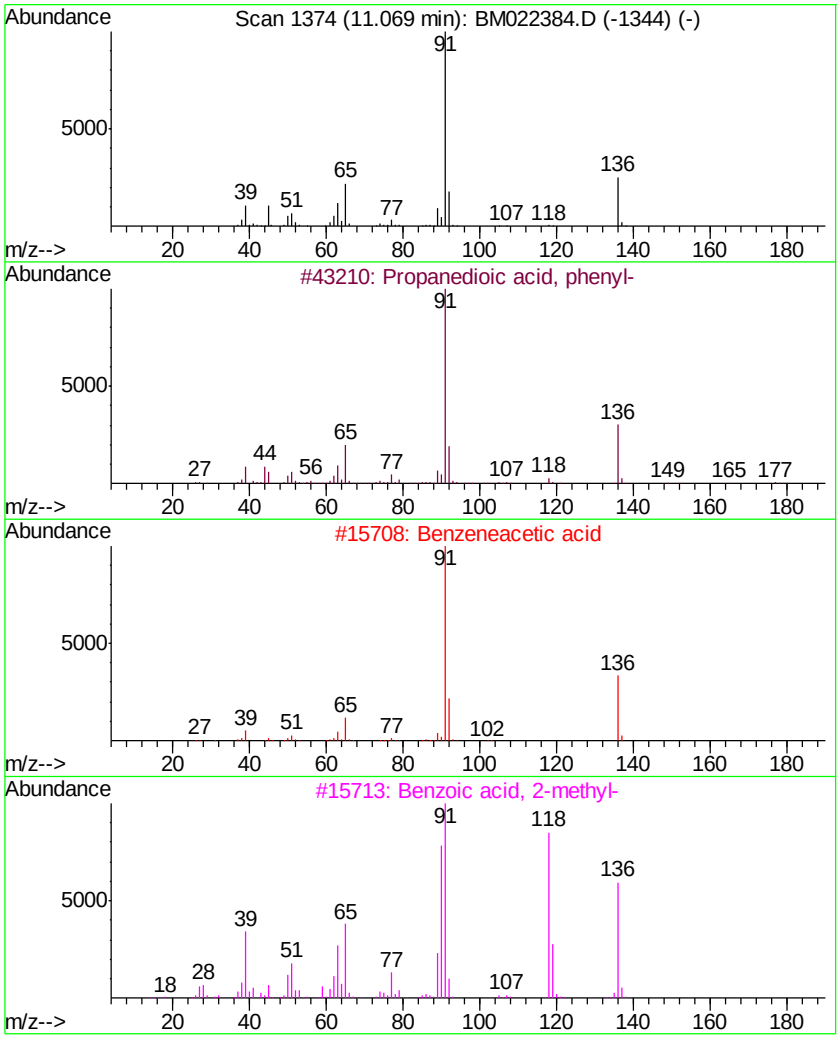
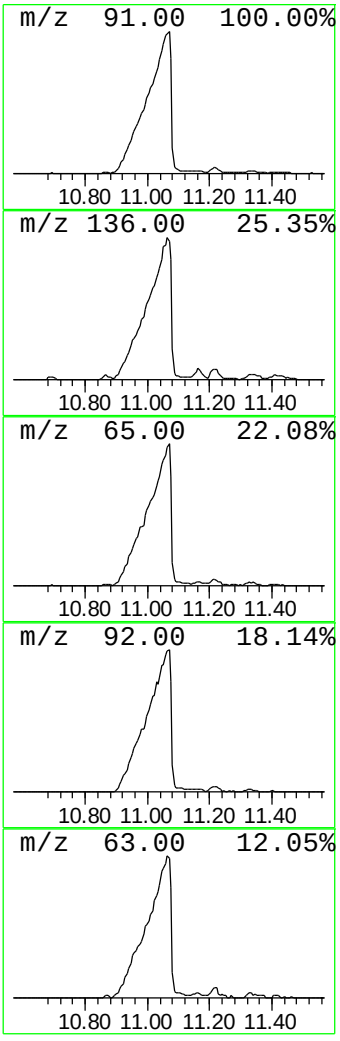
Peak Number 11 Propanedioic acid, phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	204.19 ng/ul	2640650	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	86
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	64
3	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	58
4	Bicyclo[3.2.0]hepta-2,6-diene, 5...	126	C7H7Cl	023610-81-3	53
5	(1,3,3,3-Tetrafluoro-2-trifluoro...	304	C11H7F7S	075667-95-7	50





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Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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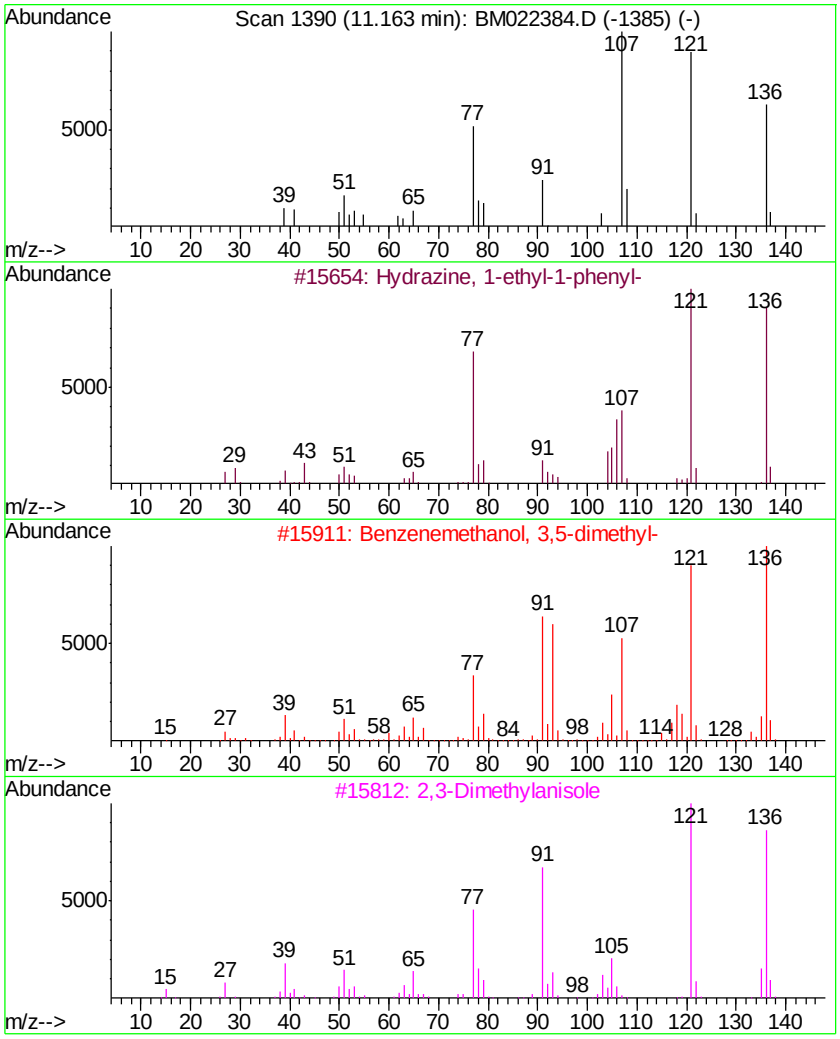
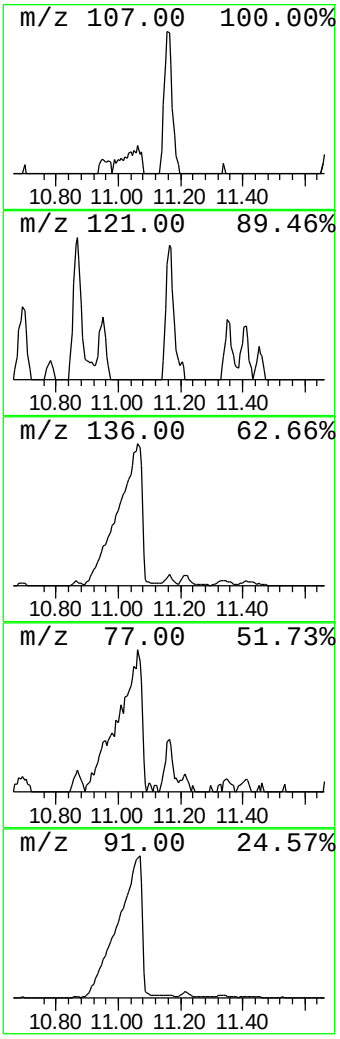
Peak Number 12 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.90 ng/ul	50434	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	50
2	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	50
3	2,3-Dimethylanisole	136	C9H12O	002944-49-2	49
4	2,6-Dimethylanisole	136	C9H12O	001004-66-6	49
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	47





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Sample : K4395-04DL 10X
Misc :
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Quant Title : SVOA CALIBRATION

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

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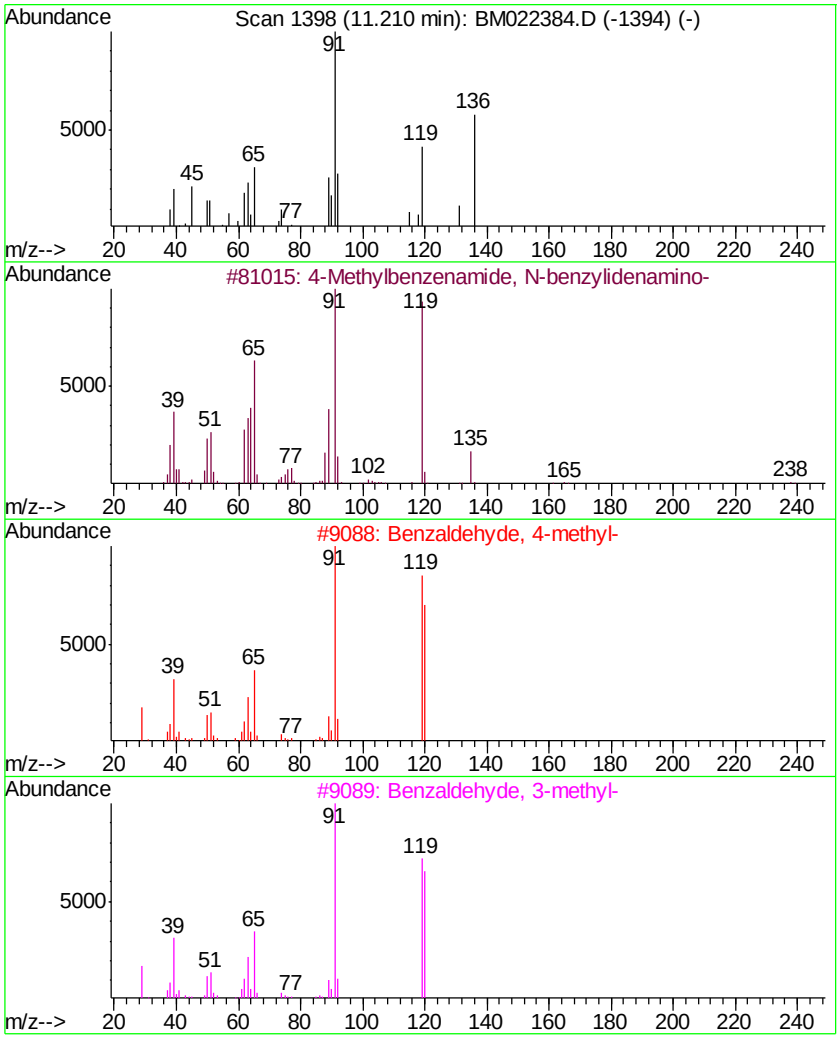
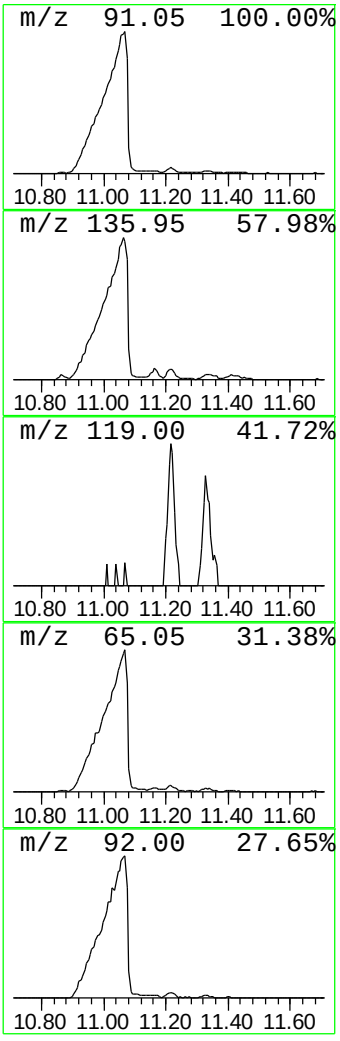
Peak Number 13 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	4.28 ng/ul	55328	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylbenzenamide, N-benzylide...	238	C15H14N2O	1000223-51-2	40
2	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	38
3	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	38
4	Oxirane, phenyl-	120	C8H8O	000096-09-3	35
5	m-Toluamide	135	C8H9NO	000618-47-3	35





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Quant Title : SVOA CALIBRATION

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

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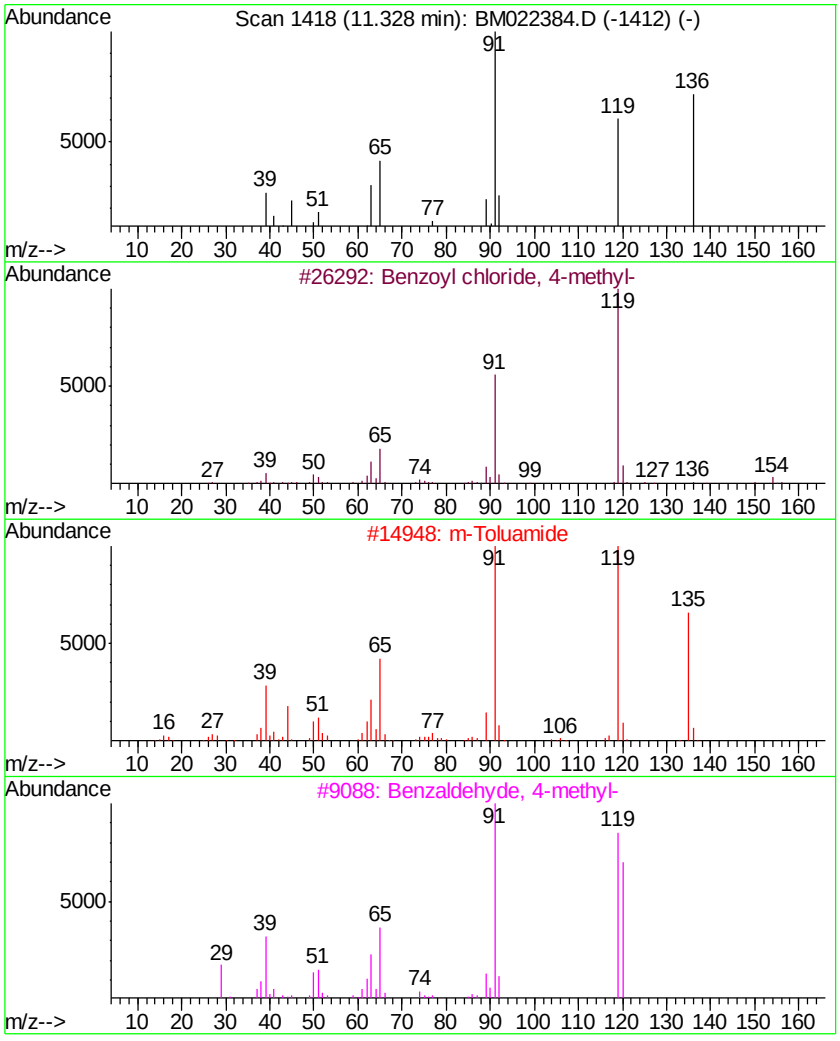
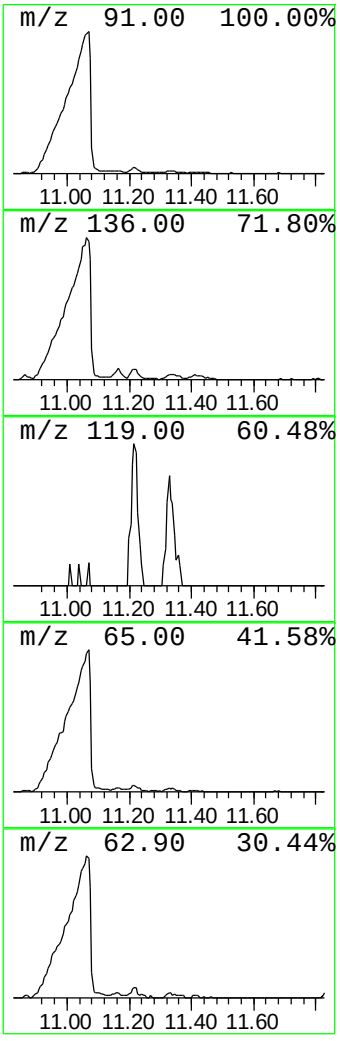
Peak Number 14 Benzoyl chloride, 4-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.71 ng/ul	35022	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	59
2	m-Toluamide	135	C8H9NO	000618-47-3	59
3	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	59
4	Aniline, N-benzyloxycarbonyl-4-b...	305	C14H12BrNO2	092159-87-0	50
5	5-(4-Bromobenzylidene)-3-(3-meth...	417	C18H12BrNO2S2	313659-84-6	50





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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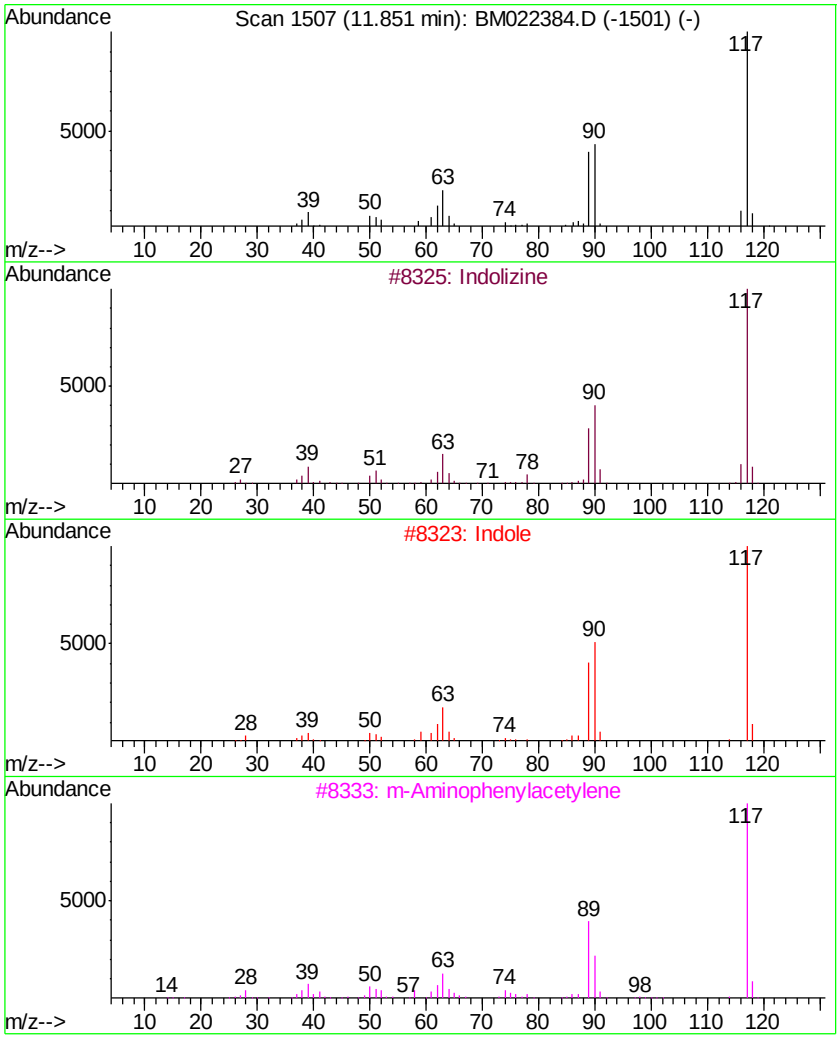
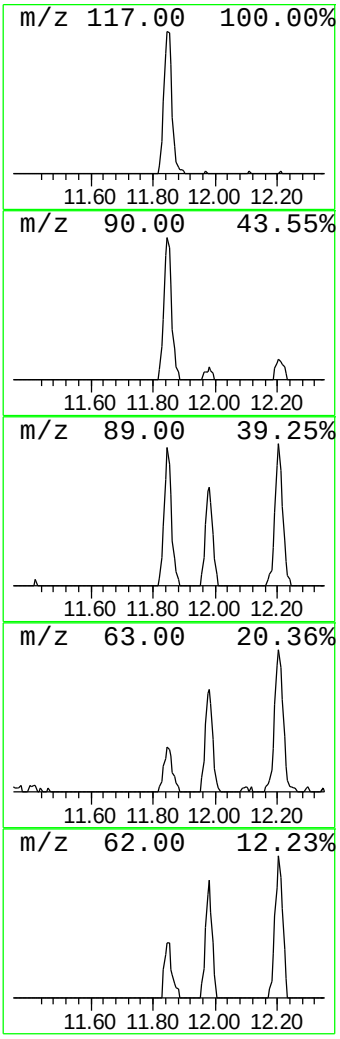
Peak Number 15 Indolizine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.14 ng/ul	105283	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indolizine	117	C8H7N	000274-40-8	91
2	Indole	117	C8H7N	000120-72-9	90
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	87
4	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	86
5	Indole	117	C8H7N	000120-72-9	80





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Quant Title : SVOA CALIBRATION

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

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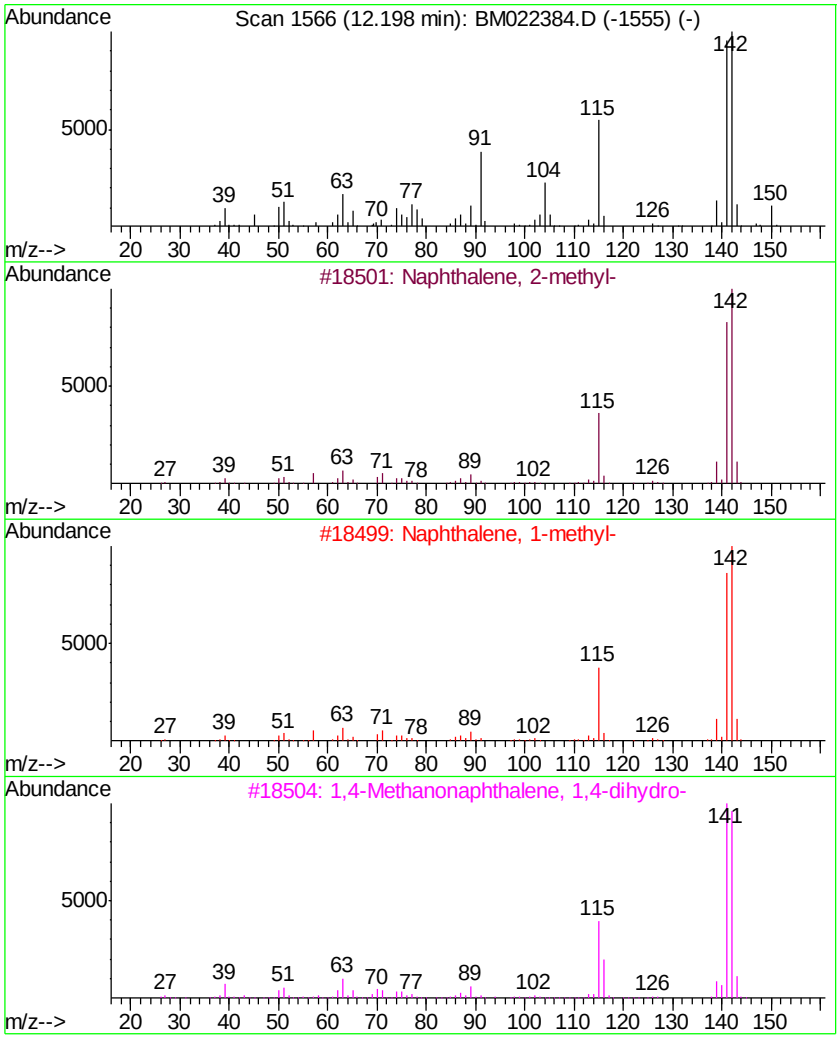
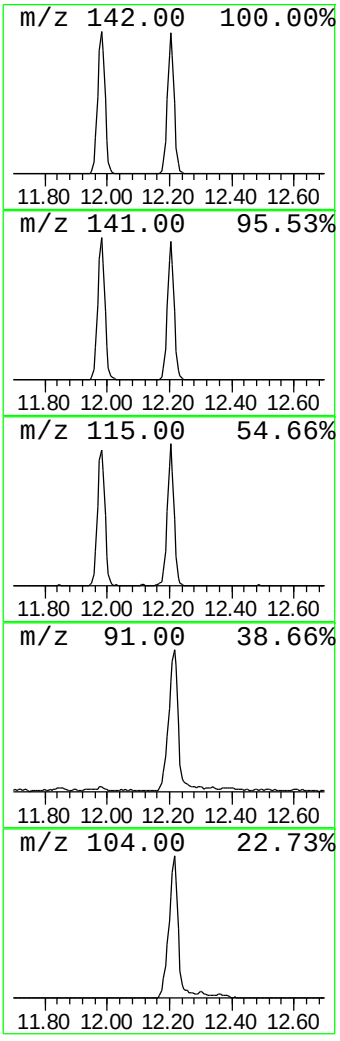
Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	58.93 ng/ul	762101	Naphthalene-d8	10.31

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	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Benzocycloheptatriene	142	C11H10	000264-09-5	87





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Misc :
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Instrument : BNA_M
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TIC Integration Parameters: LSCINT.P

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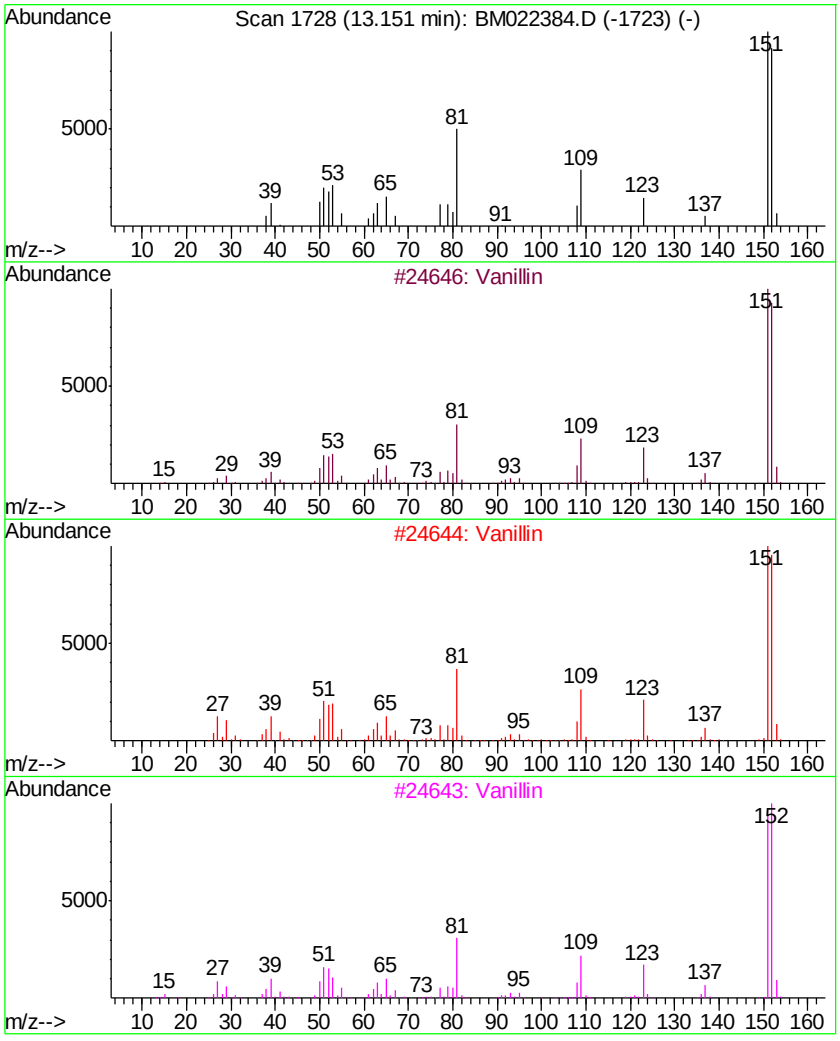
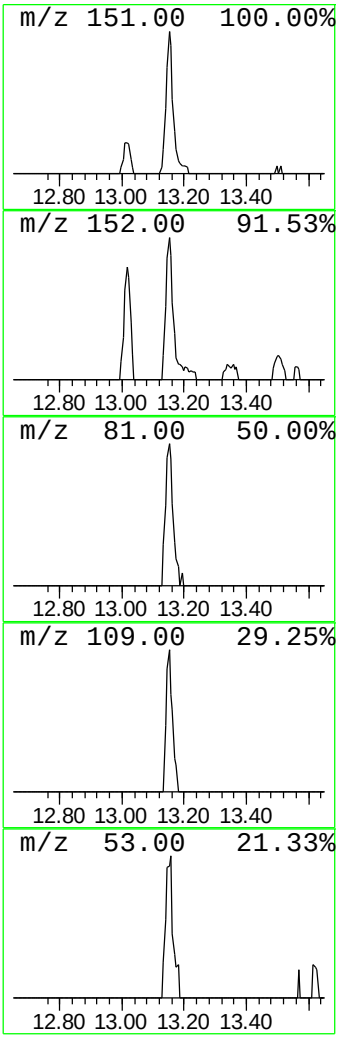
Peak Number 17 Vanillin Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.50 ng/ul	53194	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	95
2	Vanillin	152	C8H8O3	000121-33-5	93
3	Vanillin	152	C8H8O3	000121-33-5	90
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	87
5	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	87





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Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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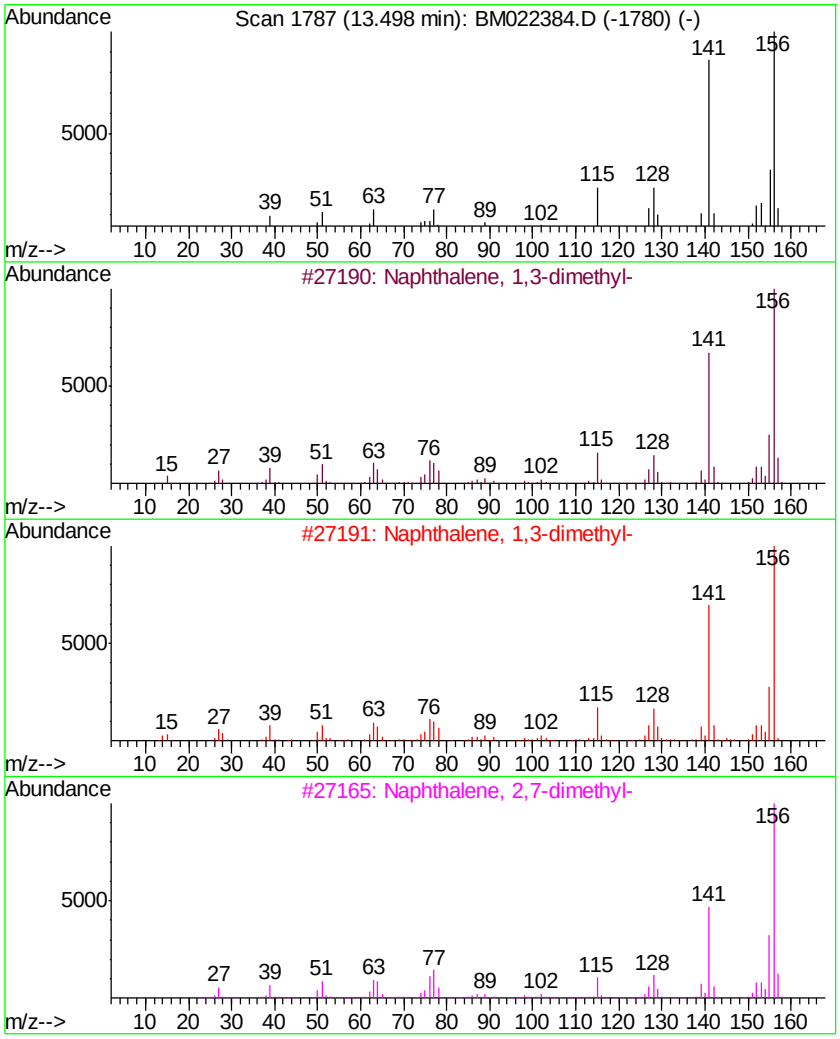
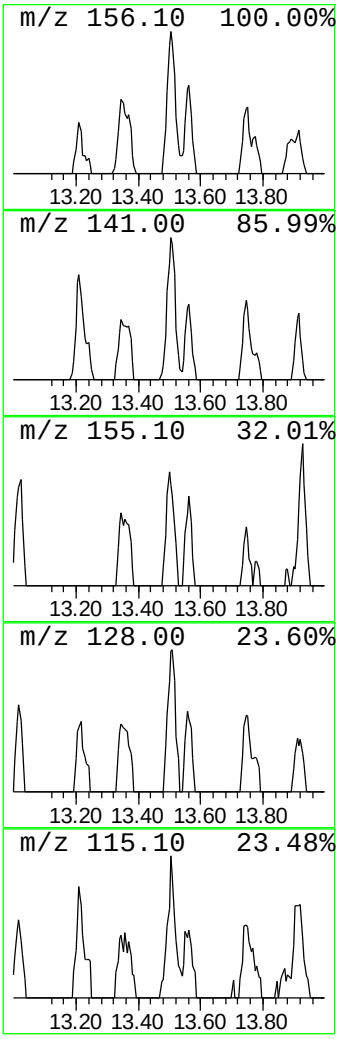
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.27 ng/ul	69577	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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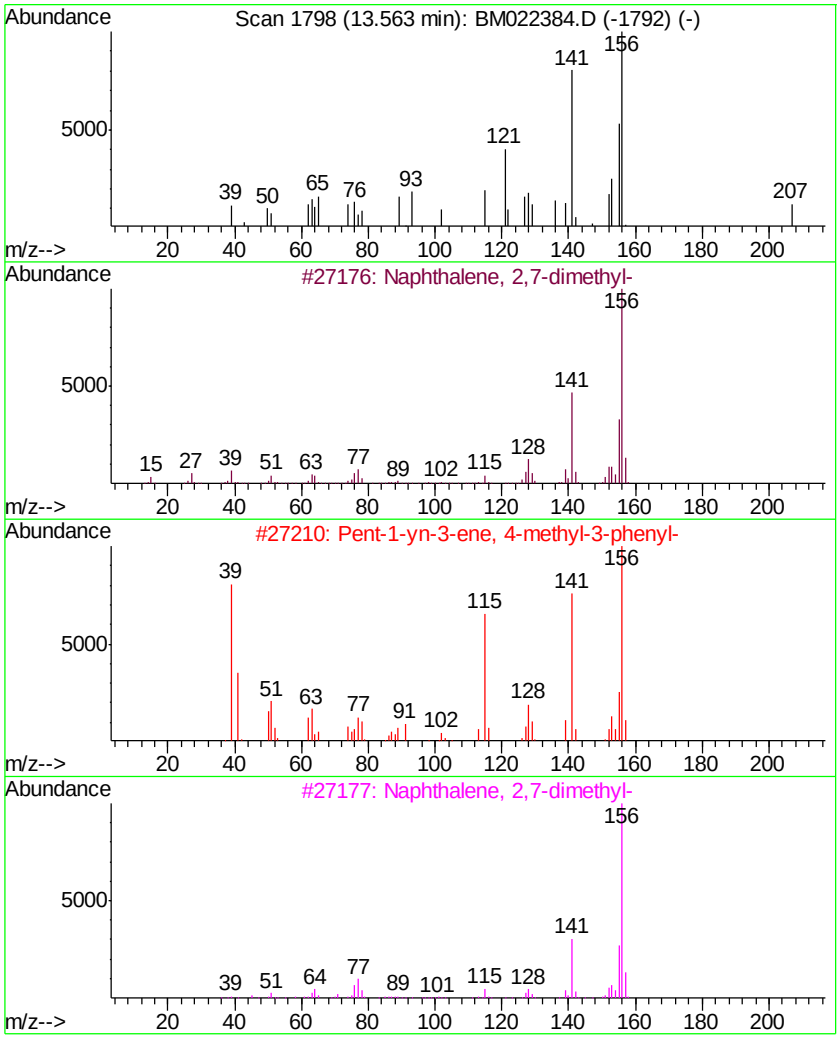
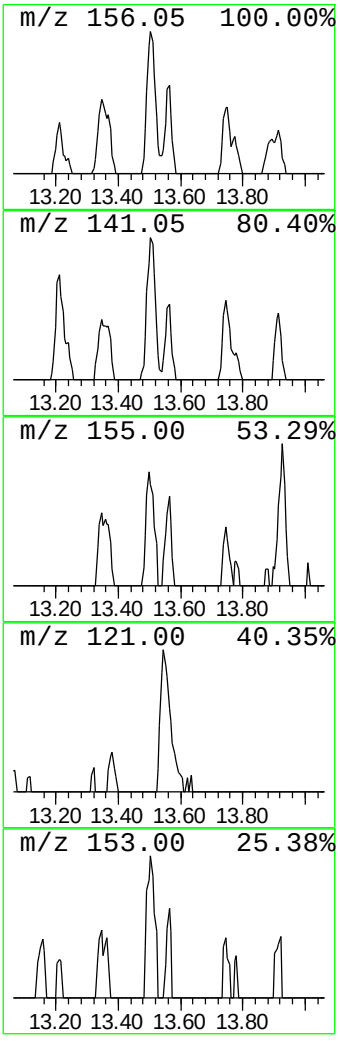
Peak Number 19 Naphthalene, 2,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	2.80 ng/ul	59469	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
2	Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	70
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	68
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	64
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64





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Sample : K4395-04DL 10X
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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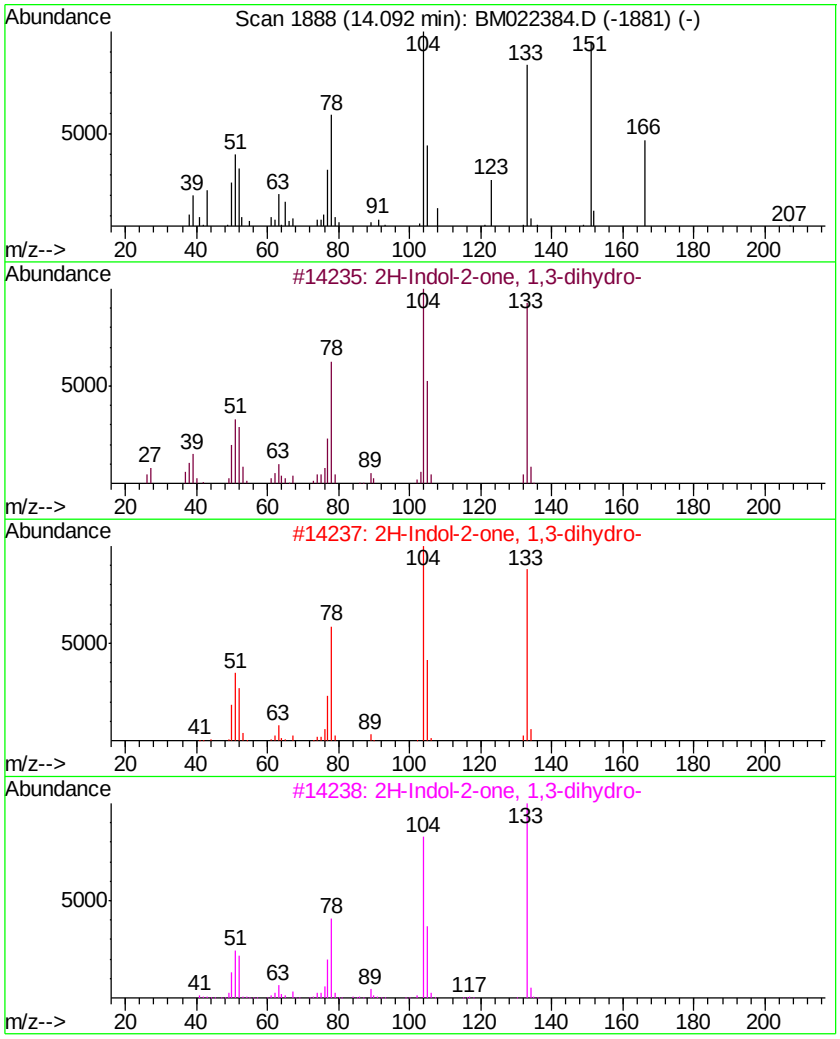
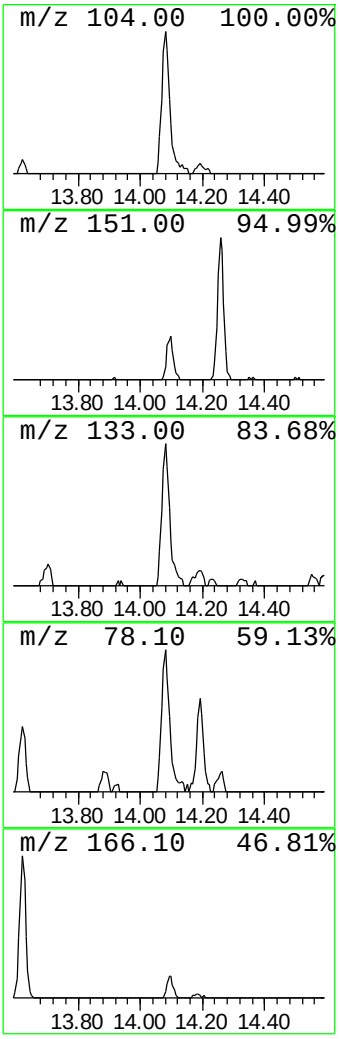
Peak Number 20 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	6.39 ng/ul	135808	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	97
2	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	95
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	93
4	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	90
5	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	74





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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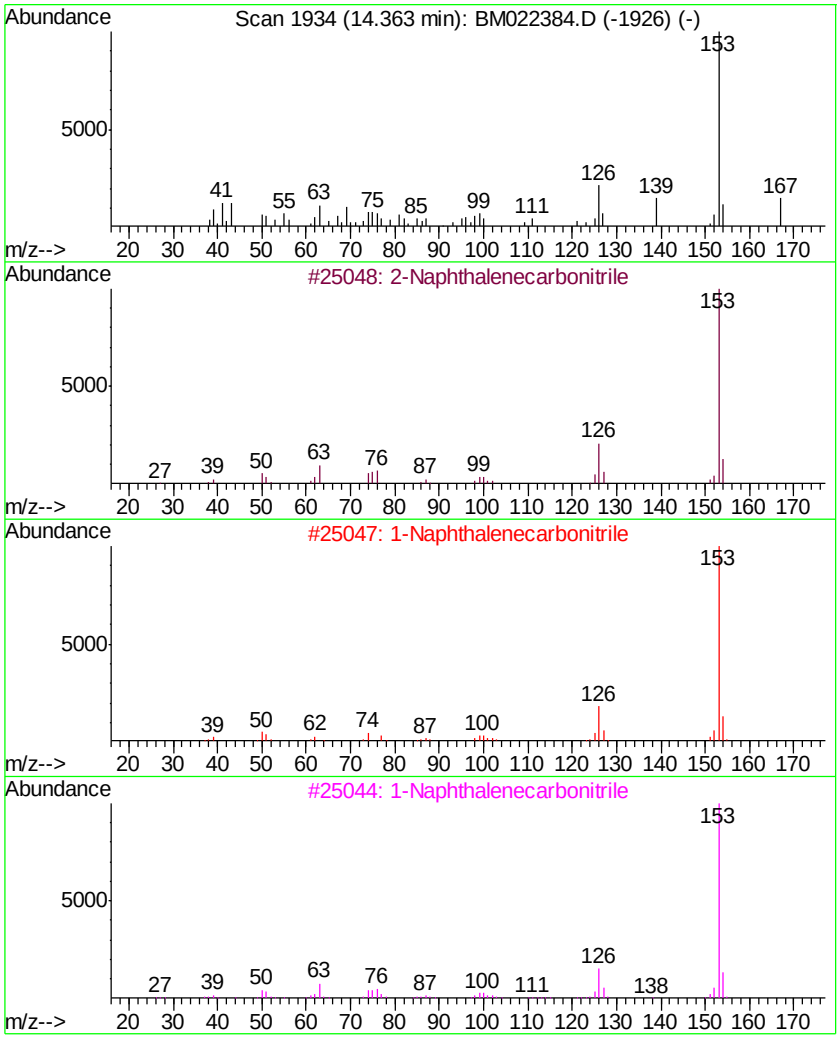
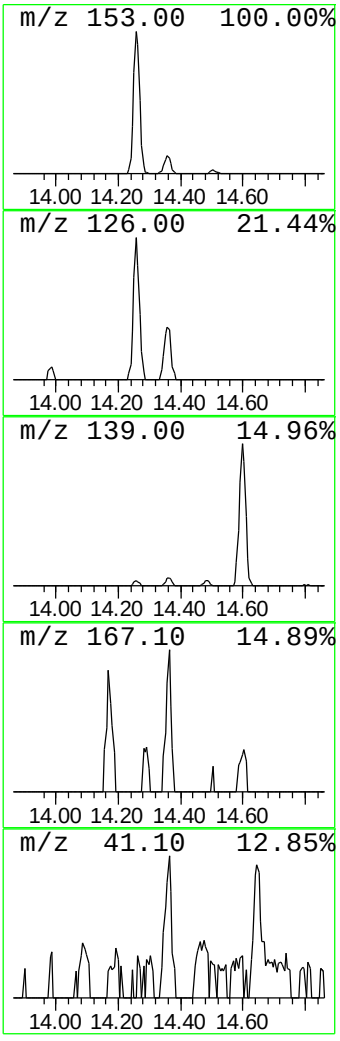
Peak Number 21 2-Naphthalenecarbonitrile Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	3.61 ng/ul	76701	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	81
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	81
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	81
4	Naphthalene, 1-isocyano-	153	C11H7N	001984-04-9	80
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	74





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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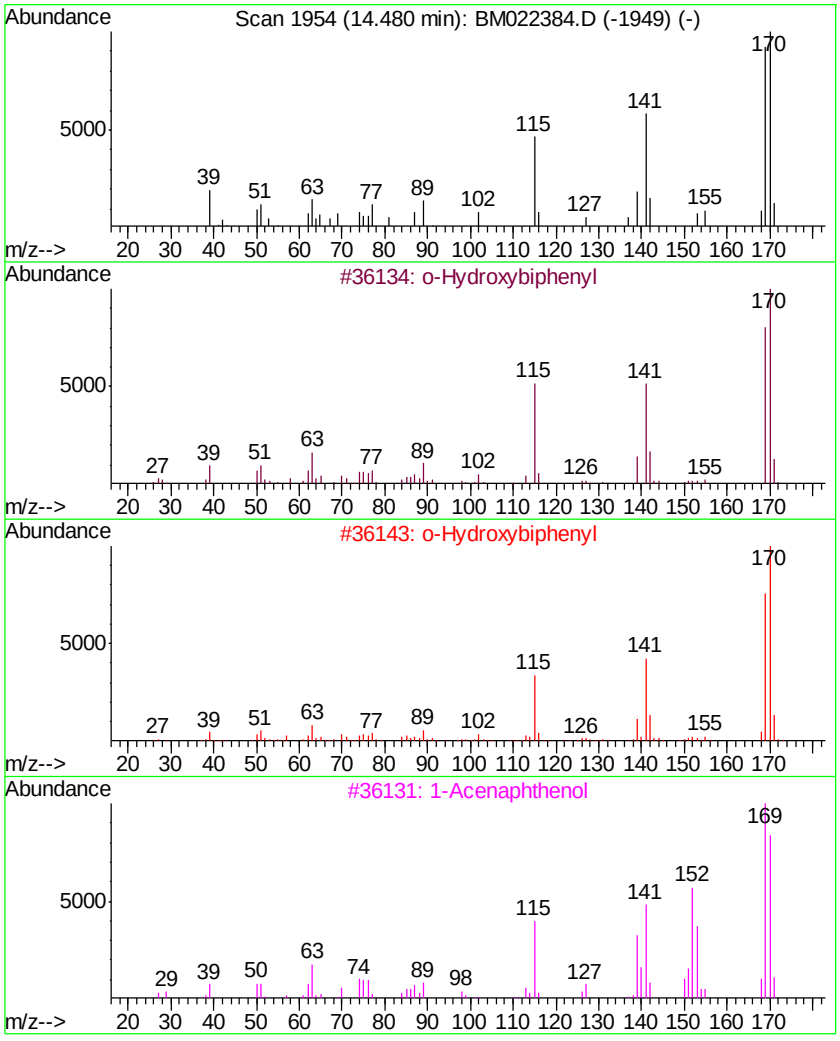
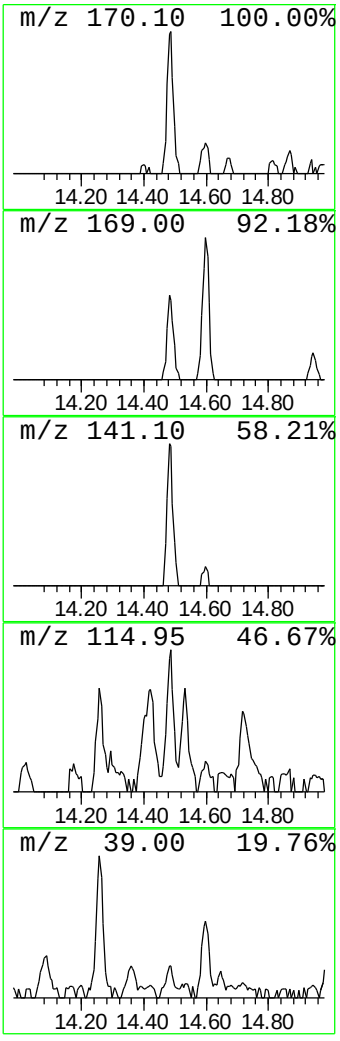
Peak Number 22 o-Hydroxybiphenyl Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.79 ng/ul	59288	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
3	1-Acenaphthenol	170	C12H10O	006306-07-6	86
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	83
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	70





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Quant Title : SVOA CALIBRATION

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

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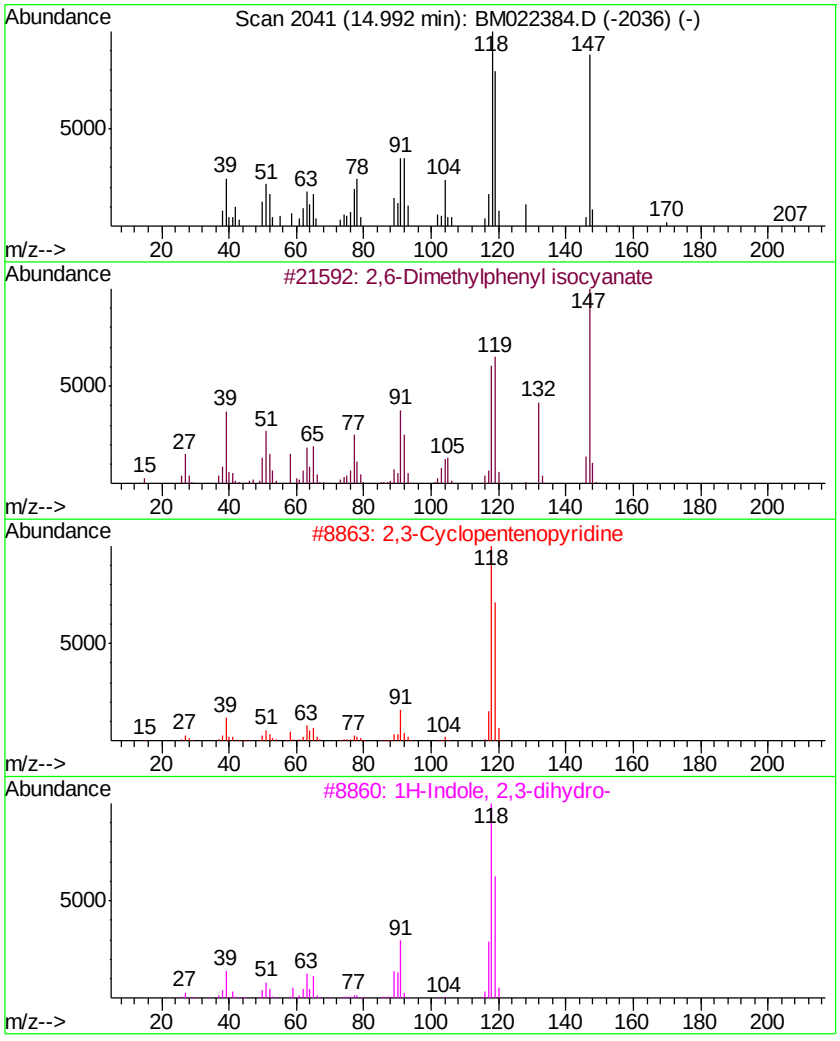
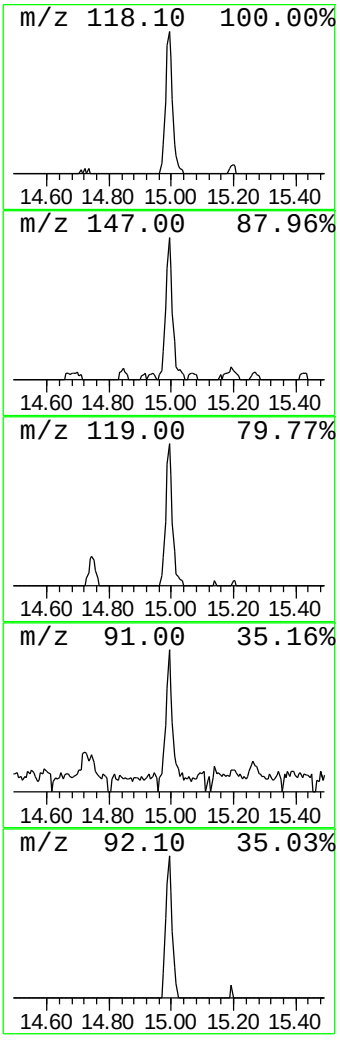
Peak Number 23 2,6-Dimethylphenyl isocyanate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.76 ng/ul	122335	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	74
2	2,3-Cyclopentenopyridine	119	C8H9N	000533-37-9	64
3	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	60
4	5-Cyanotropolone	147	C8H5NO2	003266-92-0	53
5	1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	53





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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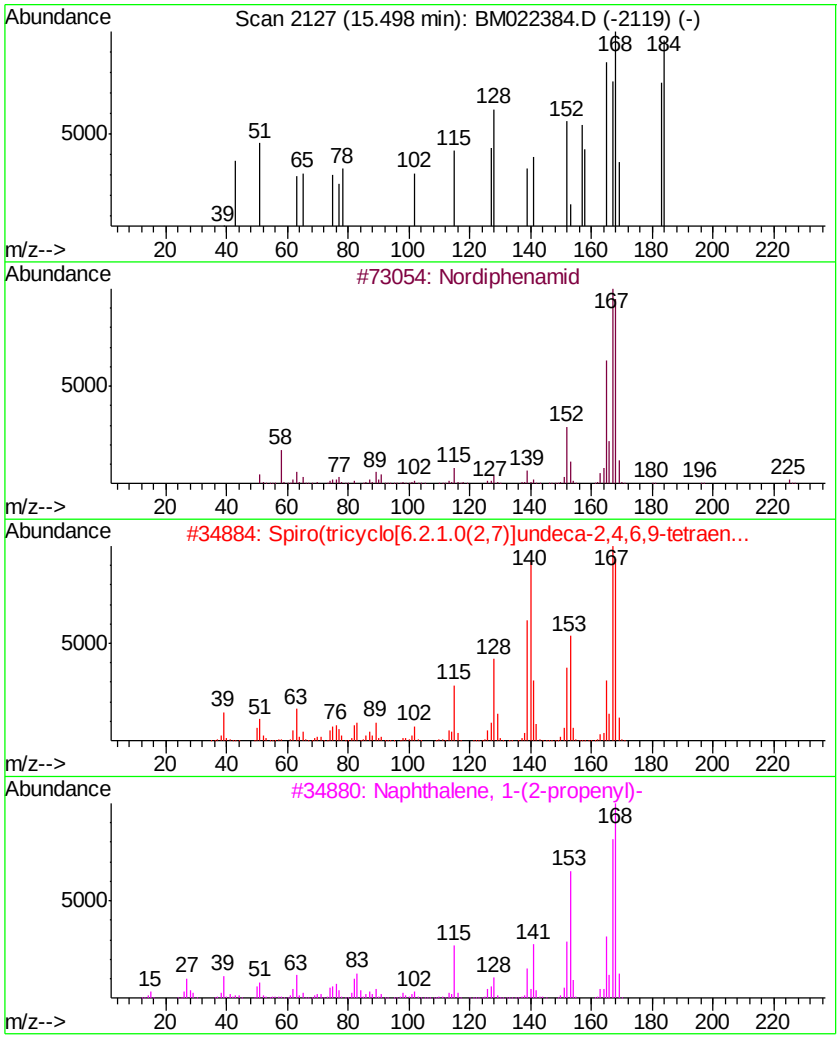
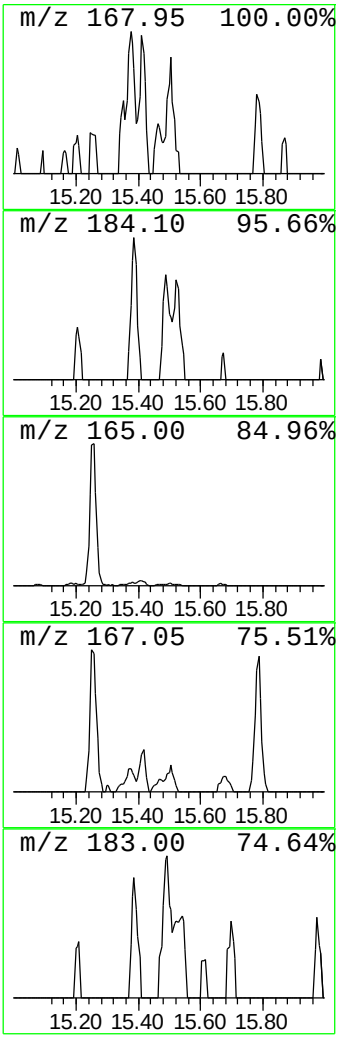
Peak Number 24 unknown-05 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.15 ng/ul	45670	Acenaphthene-d10	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	47
2	Spiro(tricyclo[6.2.1.0(2,7)]unde...	168	C13H12	022003-58-3	35
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	35
4	Diphenylmethane	168	C13H12	000101-81-5	27
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	25





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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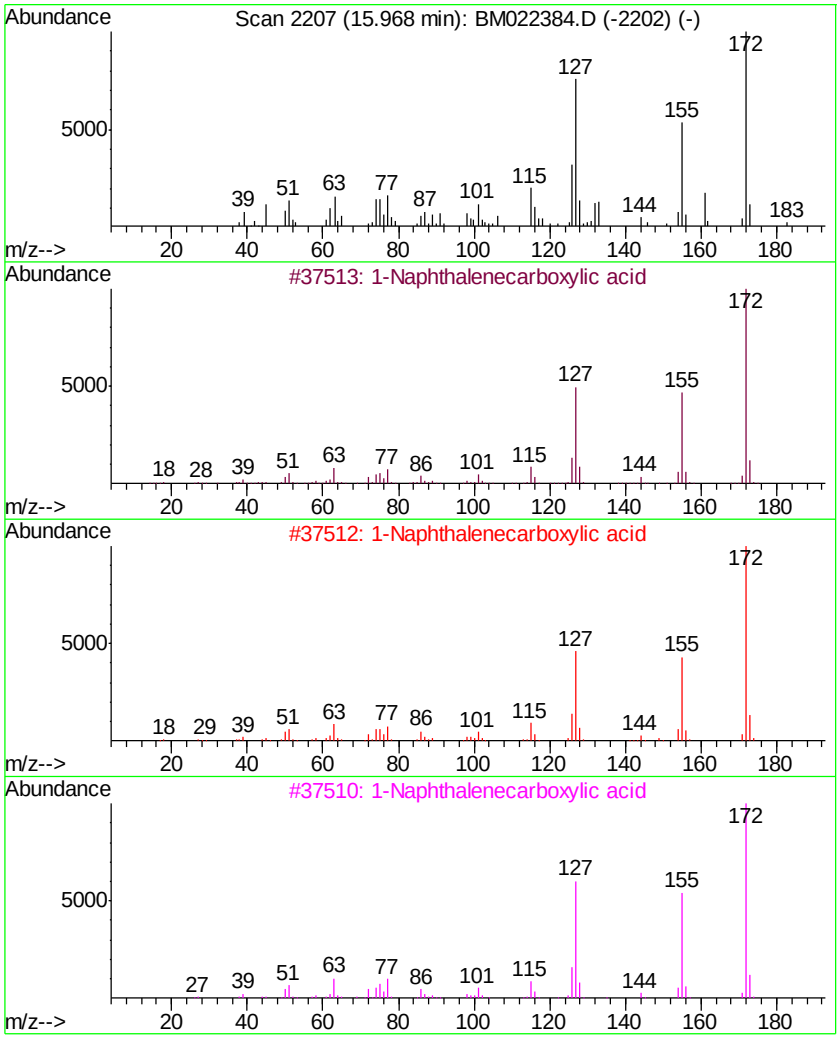
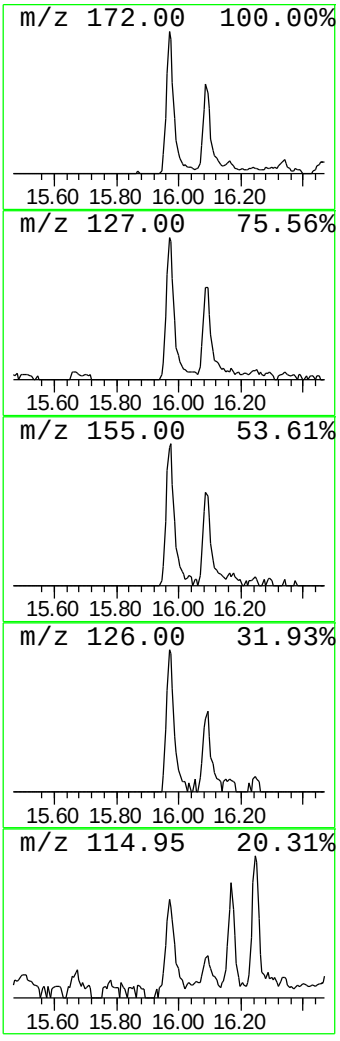
Peak Number 25 1-Naphthalenecarboxylic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	6.77 ng/ul	213935	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91
2	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	90
4	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	81





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Misc :
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Instrument : BNA_M
ClientSampleId : C0AE2DL

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Quant Title : SVOA CALIBRATION

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

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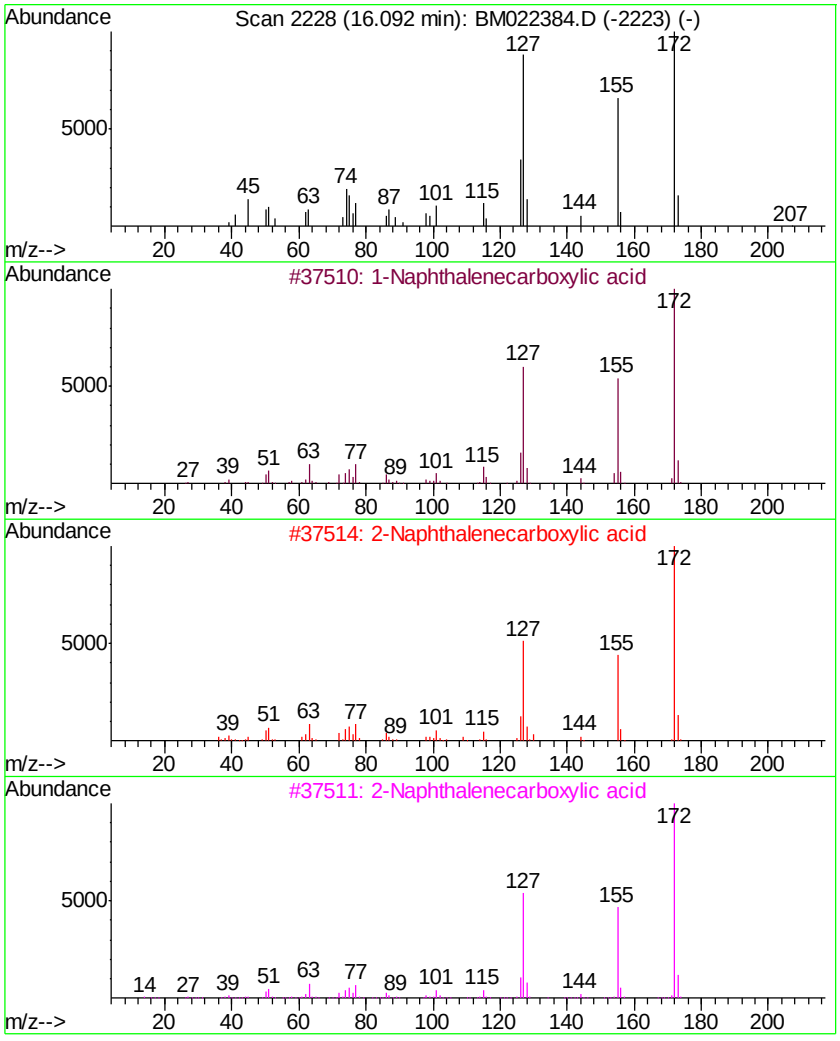
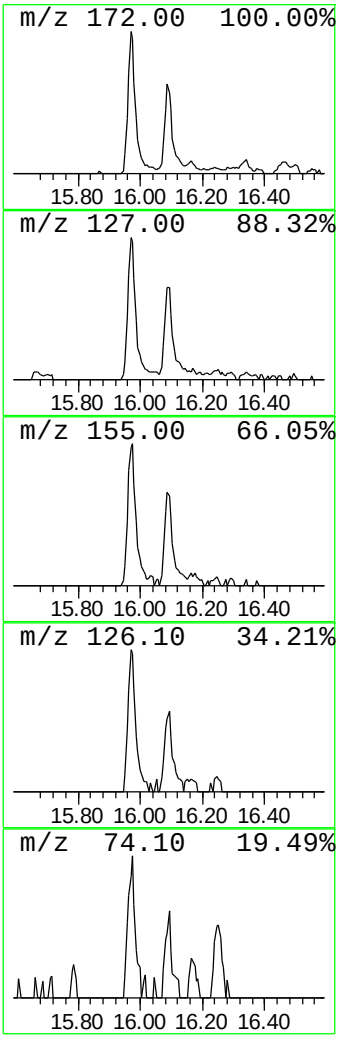
Peak Number 26 2-Naphthalenecarboxylic acid Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.13 ng/ul	67236	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	94
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	91
3	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	91
4	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91
5	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	91





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Misc :
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Quant Title : SVOA CALIBRATION

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

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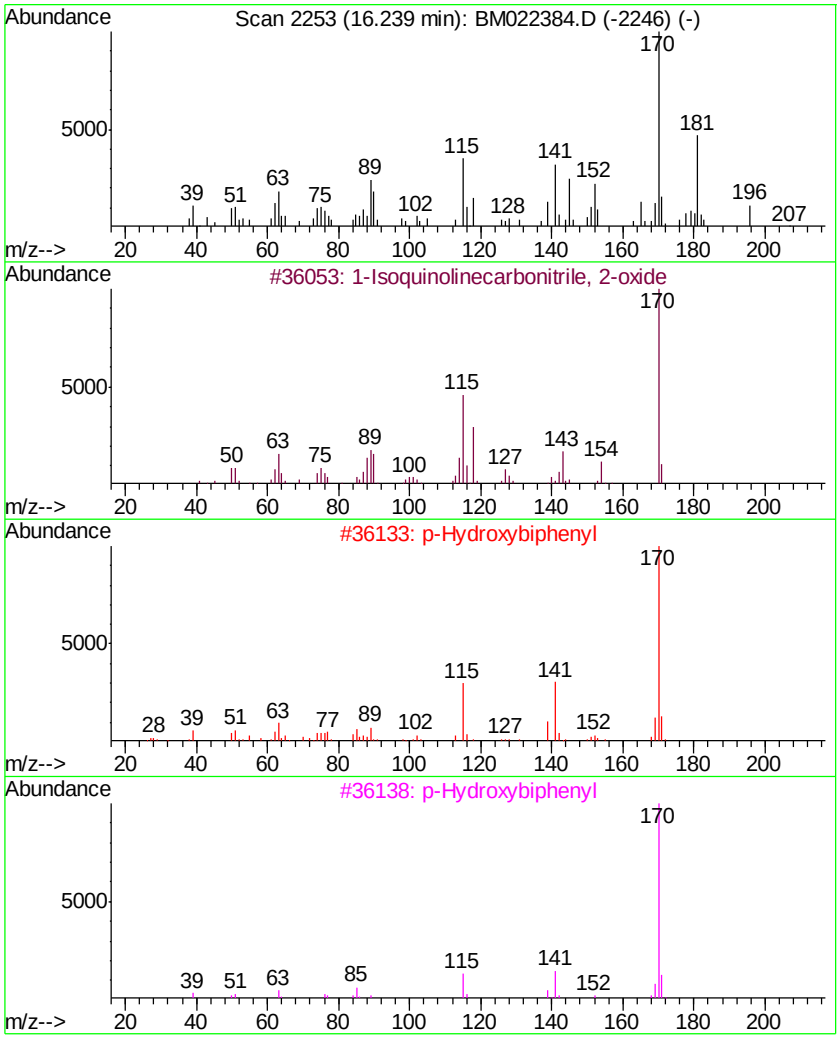
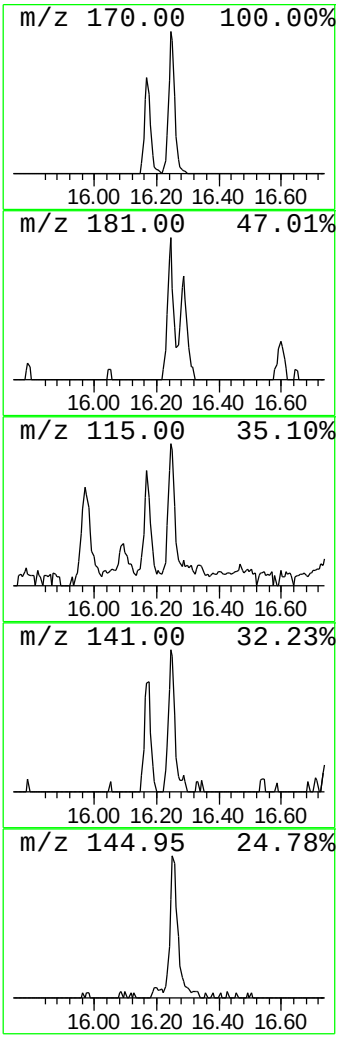
Peak Number 27 1-Isoquinolinecarbonitrile,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	5.70 ng/ul	180067	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isoquinolinecarbonitrile, 2-oxide	170	C10H6N2O	006969-11-5	55
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	46
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	41
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	41
5	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	38





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Sample : K4395-04DL 10X
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Quant Title : SVOA CALIBRATION

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

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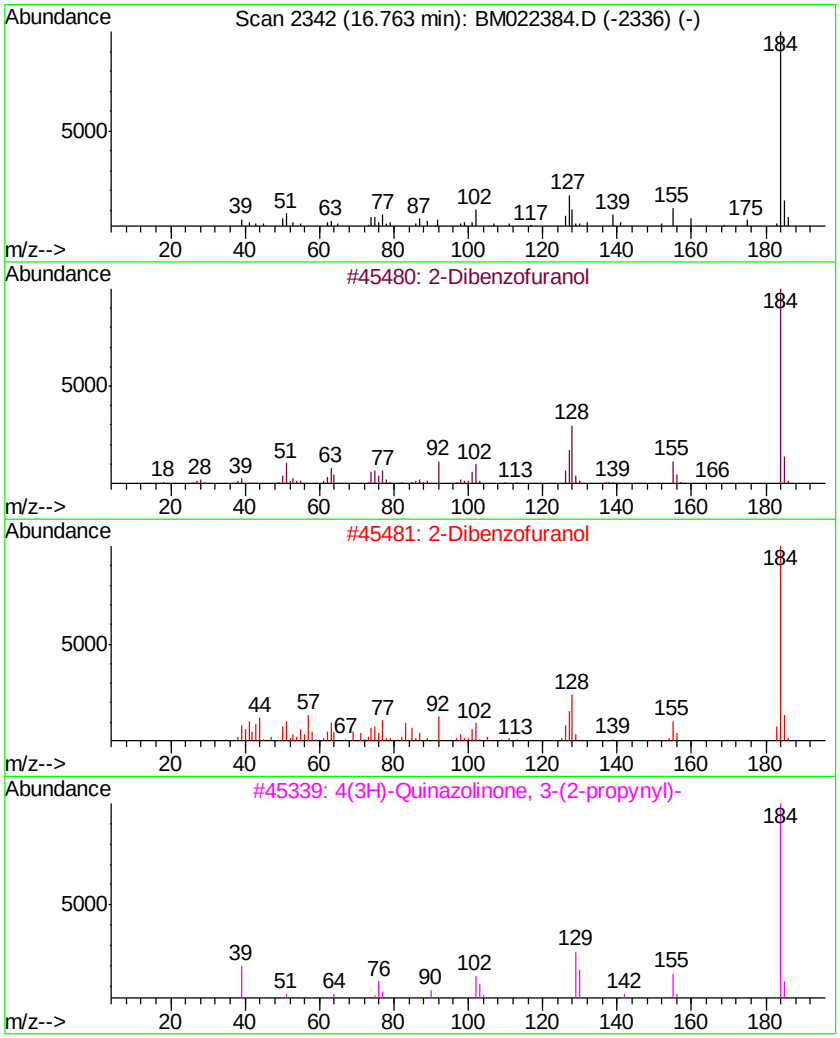
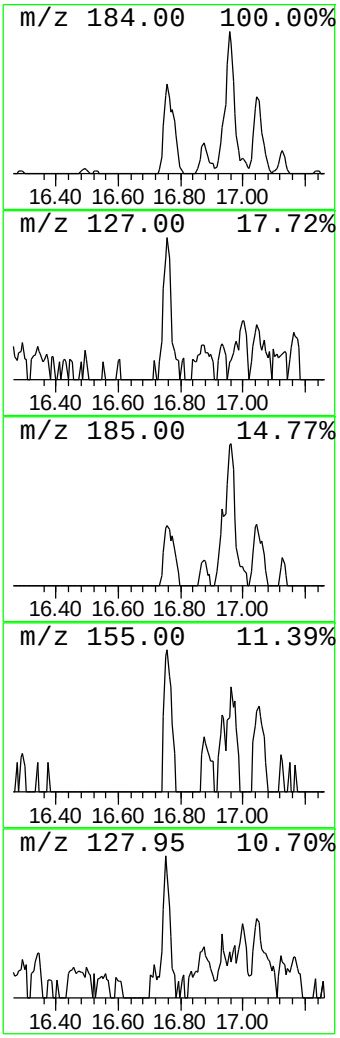
Peak Number 28 2-Dibenzofuranol Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.34 ng/ul	105711	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	81
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	72
3	4(3H)-Quinazolinone, 3-(2-propyn...	184	C11H8N2O	016347-56-1	64
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	64
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

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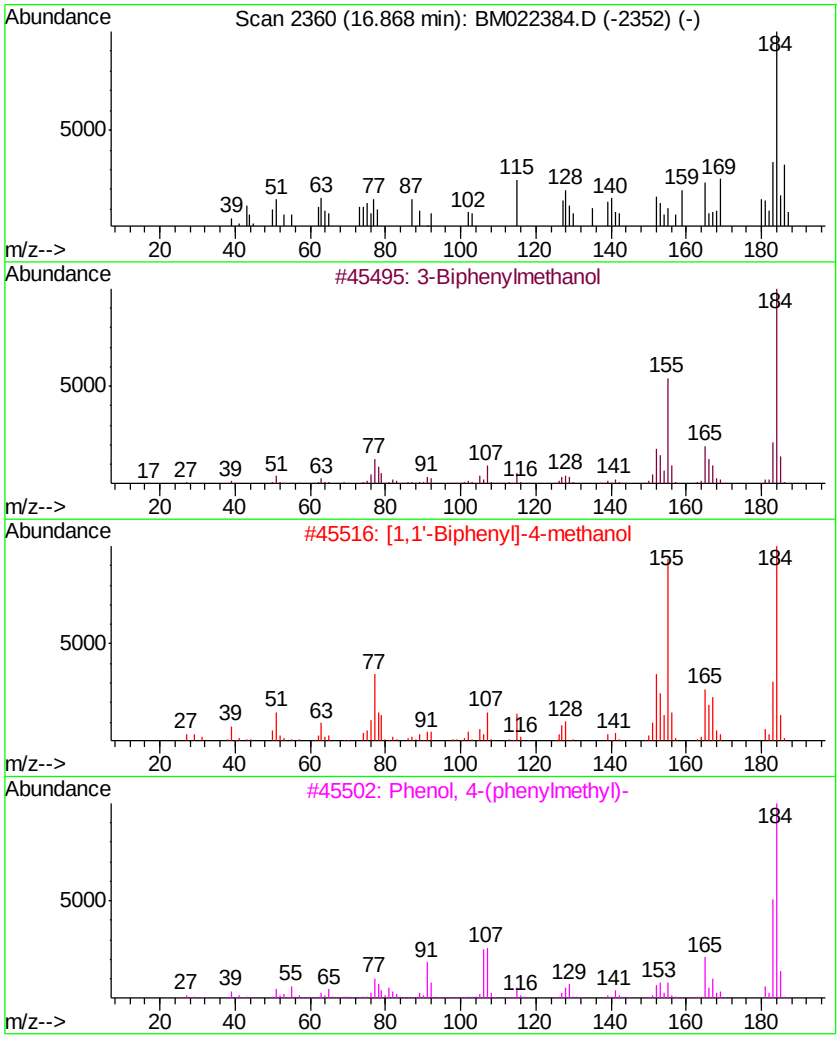
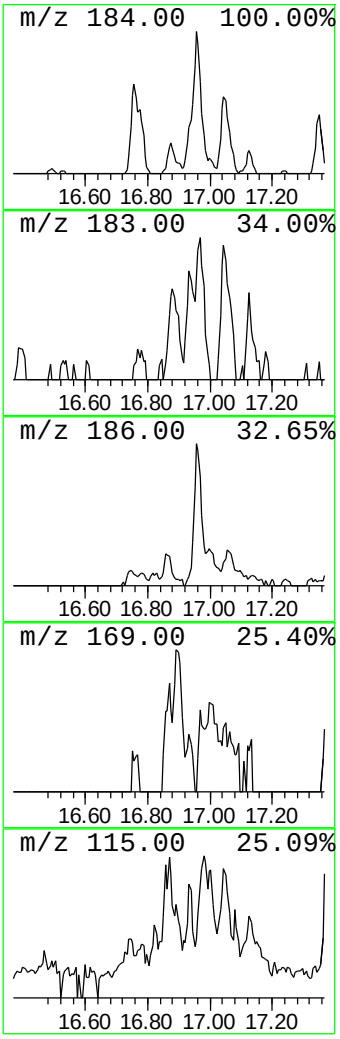
Peak Number 29 3-Biphenylmethanol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	3.20 ng/ul	101297	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Biphenylmethanol	184	C13H12O	069605-90-9	83
2	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	70
3	Phenol, 4-(phenylmethyl)-	184	C13H12O	000101-53-1	64
4	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	62
5	Phenol, 2-(phenylmethyl)-	184	C13H12O	028994-41-4	50





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

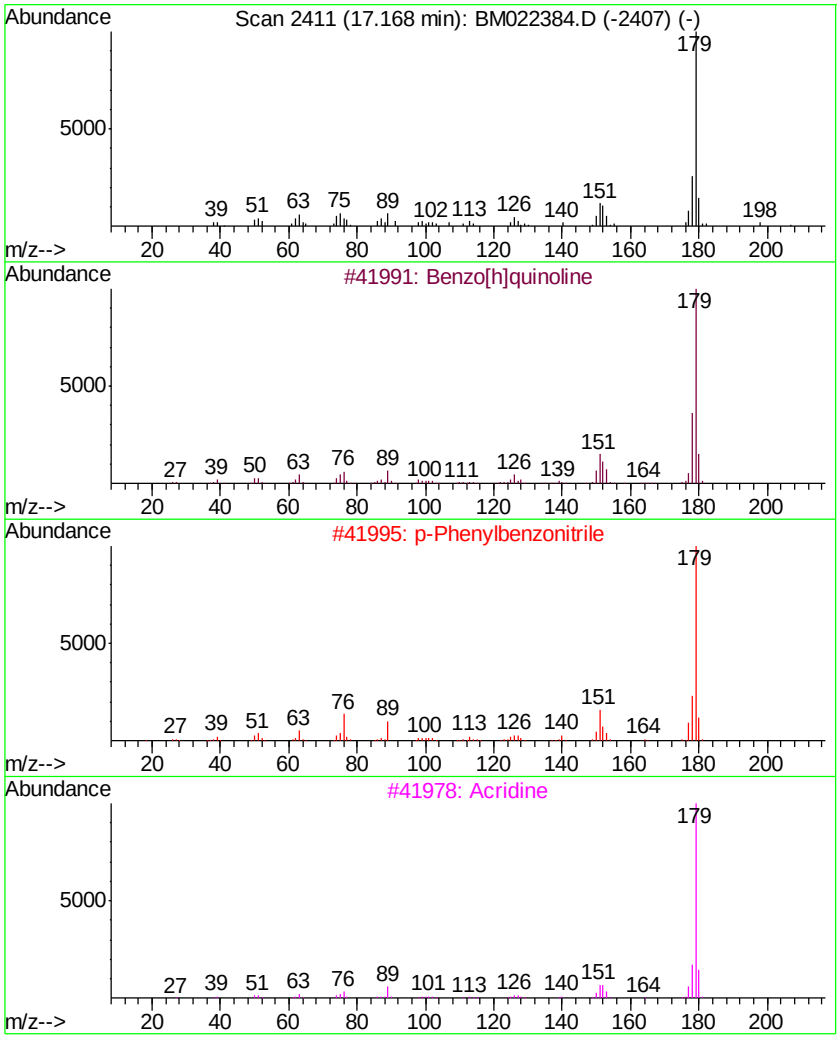
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

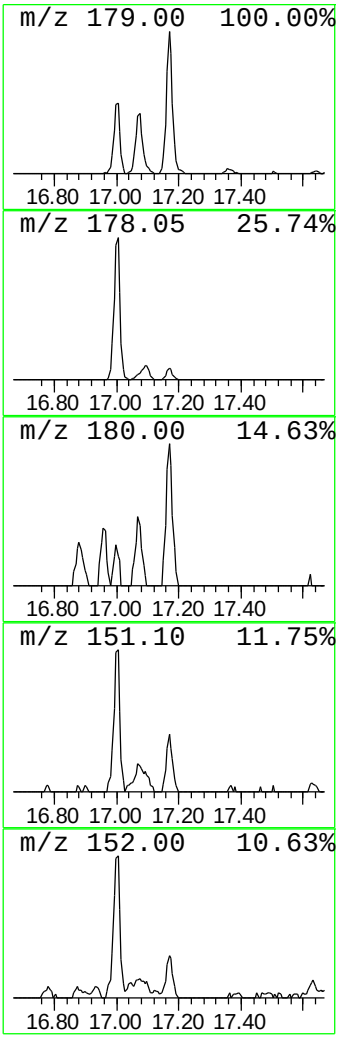
****

Peak Number 30 Benzo[h]quinoline Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.71 ng/ul	148814	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
2	p-Phenylbenzonitrile	179	C13H9N	002920-38-9	95
3	Acridine	179	C13H9N	000260-94-6	94
4	Acridine	179	C13H9N	000260-94-6	94
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082819\
Data File : BM022384.D
Acq On : 28 Aug 2019 12:21
Operator : HP/JU
Sample : K4395-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.47	14.0	ng/ul	117452	1	7.54	167477	20.0
unknown-02	4.68	79.0	ng/ul	661756	1	7.54	167477	20.0
unknown-03	4.80	24.7	ng/ul	206522	1	7.54	167477	20.0
Hexanoic acid	6.63	3.9	ng/ul	32861	1	7.54	167477	20.0
Indane	7.89	18.6	ng/ul	155727	1	7.54	167477	20.0
Indene	8.06	5.3	ng/ul	43976	1	7.54	167477	20.0
Heptanediamide, N...	9.72	25.9	ng/ul	334619	2	10.31	258650	20.0
Phenol, 3-ethyl-	9.79	3.2	ng/ul	41315	2	10.31	258650	20.0
Phenol, 3,5-dimet...	9.83	7.7	ng/ul	99755	2	10.31	258650	20.0
Cyclopenta[b]thia...	10.48	15.4	ng/ul	198872	2	10.31	258650	20.0
Propanedioic acid...	11.07	204.2	ng/ul	2640650	2	10.31	258650	20.0
Hydrazine, 1-ethy...	11.16	3.9	ng/ul	50434	2	10.31	258650	20.0
unknown-04	11.21	4.3	ng/ul	55328	2	10.31	258650	20.0
Benzoyl chloride,...	11.33	2.7	ng/ul	35022	2	10.31	258650	20.0
Indolizine	11.85	8.1	ng/ul	105283	2	10.31	258650	20.0
Naphthalene, 1-me...	12.20	58.9	ng/ul	762101	2	10.31	258650	20.0
Vanillin	13.15	2.5	ng/ul	53194	3	14.19	425004	20.0
Naphthalene, 1,3-...	13.50	3.3	ng/ul	69577	3	14.19	425004	20.0
Naphthalene, 2,7-...	13.56	2.8	ng/ul	59469	3	14.19	425004	20.0
2H-Indol-2-one, 1...	14.09	6.4	ng/ul	135808	3	14.19	425004	20.0
2-Naphthalenecarb...	14.36	3.6	ng/ul	76701	3	14.19	425004	20.0
o-Hydroxybiphenyl	14.48	2.8	ng/ul	59288	3	14.19	425004	20.0
2,6-Dimethylpheny...	14.99	5.8	ng/ul	122335	3	14.19	425004	20.0
unknown-05	15.50	2.1	ng/ul	45670	3	14.19	425004	20.0
1-Naphthalenecarb...	15.97	6.8	ng/ul	213935	4	16.96	632281	20.0
2-Naphthalenecarb...	16.09	2.1	ng/ul	67236	4	16.96	632281	20.0
1-Isoquinolinecar...	16.24	5.7	ng/ul	180067	4	16.96	632281	20.0
2-Dibenzofuranol	16.76	3.3	ng/ul	105711	4	16.96	632281	20.0
3-Biphenylmethanol	16.87	3.2	ng/ul	101297	4	16.96	632281	20.0
Benzo[h]quinoline	17.17	4.7	ng/ul	148814	4	16.96	632281	20.0