LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	6.875	724	729	745	rBV2	54383	131250	1.32%	0.204%
2	7.016	748	753	768	rVV	277384	490958	4.93%	0.761%
3	7.216	780	787	800	rBV	301115	536698	5.38%	0.832%
4	7.675	859	865	875	rVB	416733	699488	7.02%	1.085%
5	8.034	920	926	938	rVB	269838	440375	4.42%	0.683%
6	8.392	981	987	1003	rBV	218026	410250	4.12%	0.636%
7	8.833	1056	1062	1077	rBV	464843	834140	8.37%	1.293%
8	9.010	1086	1092	1102	rVB	85465	144011	1.44%	0.223%
9	9.551	1178	1184	1196	rBV	305070	587940	5.90%	0.912%
10	9.839	1227	1233	1247	rBV	502337	866073	8.69%	1.343%
11	10.092	1269	1276	1293	rBV	391018	842097	8.45%	1.306%
12	10.445	1330	1336	1341	rBV	573475	977310	9.80%	1.515%
13	10.498	1341	1345	1351	rVB	137476	236375	2.37%	0.367%
14	10.833	1396	1402	1414	rBV2	84742	209930	2.11%	0.326%
15	11.045	1431	1438	1443	rBV2	70852	146312	1.47%	0.227%
16	11.557	1518	1525	1532	rBV2	100613	191467	1.92%	0.297%
17	11.863	1568	1577	1586	rBV2	138443	303165	3.04%	0.470%
18	12.010	1593	1602	1611	rBV	138242	249370	2.50%	0.387%
19	12.339	1646	1658	1667	rBV2	127627	321232	3.22%	0.498%
20	13.633	1872	1878	1884	rBV	111934	206821	2.07%	0.321%
21	13.727	1887	1894	1905	rVB	998907	1502479	15.07%	2.330%
22	13.863	1913	1917	1920	rBV2	120917	183601	1.84%	0.285%
23	13.898	1920	1923	1929	rVB	89051	127671	1.28%	0.198%
24	14.004	1931	1941	1955	rVB	1077114	1895935	19.02%	2.940%
25	14.310	1981	1993	1998	rBV	908424	1429273	14.34%	2.216%
26	14.380	1998	2005	2012	rVB	6716694	9967581	100.00%	15.456%
27	14.621	2037	2046	2050	rBV	180194	342691	3.44%	0.531%
28	14.715	2056	2062	2070	rVB	1777686	2627988	26.37%	4.075%
29	14.933	2094	2099	2110	rVB5	55107	119338	1.20%	0.185%
30	15.310	2157	2163	2168	rBV	1490643	2072457	20.79%	3.214%
31	15.368	2168	2173	2184	rVB	2768210	3934107	39.47%	6.100%
32	15.468	2184	2190	2197	rBV2	469630	1008758	10.12%	1.564%
33	15.521	2197	2199	2205	rVV3	164000	259711	2.61%	0.403%
34	15.574	2205	2208	2211	rVV	102000	147149	1.48%	0.228%

LSC Area Percent Report

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Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

35	15.615	2212	2215	2219	rVV3	71549	106724	1.07%	0.165%
36	15.662	2219	2223	2228	rVB2	153782	221668	2.22%	0.344%
37	15.768	2235	2241	2244	rBV	77048	157908	1.58%	0.245%
38	15.810	2244	2248	2253	rVV2	236851	454765	4.56%	0.705%
39	15.851	2253	2255	2260	rVV5	102743	157330	1.58%	0.244%
40	16.051	2279	2289	2300	rVB3	358994	748631	7.51%	1.161%
41	16.157	2300	2307	2313	rBV	145086	242067	2.43%	0.375%
42	16.257	2317	2324	2330	rBV3	63103	123799	1.24%	0.192%
43	16.315	2330	2334	2338	rVV2	82500	145269	1.46%	0.225%
44	16.374	2338	2344	2349	rVV3	127030	236702	2.37%	0.367%
45	16.433	2349	2354	2363	rVB5	53881	145579	1.46%	0.226%
46	16.698	2394	2399	2412	rVB2	204585	433645	4.35%	0.672%
47	16.857	2422	2426	2429	rBV	181250	281172	2.82%	0.436%
48	16.992	2441	2449	2453	rBV3	140136	321824	3.23%	0.499%
49	17.033	2453	2456	2457	rBV	126313	133326	1.34%	0.207%
50	17.062	2457	2461	2467	rVB2	1094488	1576840	15.82%	2.445%
51	17.162	2469	2478	2483	rBV2	1667014	2563615	25.72%	3.975%
52	17.439	2520	2525	2535	rBV2	1027761	1555113	15.60%	2.411%
53	17.527	2535	2540	2544	rVV2	175489	353884	3.55%	0.549%
54	17.574	2544	2548	2555	rVV	590118	1005862	10.09%	1.560%
55	17.639	2555	2559	2567	rVB	473147	781228	7.84%	1.211%
56	17.727	2567	2574	2579	rBV2	124227	313556	3.15%	0.486%
57	17.786	2579	2584	2587	rVV4	92579	154567	1.55%	0.240%
58	17.821	2587	2590	2596	rVB3	87196	144962	1.45%	0.225%
59	17.909	2601	2605	2613	rBV	469778	702236	7.05%	1.089%
60	18.021	2621	2624	2628	rVB	170350	204315	2.05%	0.317%
61	18.074	2628	2633	2639	rVB	613326	852003	8.55%	1.321%
62	18.139	2639	2644	2650	rVB2	258101	408730	4.10%	0.634%
63	18.233	2654	2660	2674	rBV3	238994	778800	7.81%	1.208%
64	18.339	2674	2678	2682	rVV2	154436	250298	2.51%	0.388%
65	18.392	2682	2687	2694	rVV2	188989	381139	3.82%	0.591%
66	18.451	2694	2697	2702	rVB	128206	179118	1.80%	0.278%
67	18.668	2730	2734	2740	rBV2	65790	102757	1.03%	0.159%
68	18.892	2767	2772	2777	rVB3	72187	123108	1.24%	0.191%
69	19.092	2801	2806	2809	rBV2	141381	220447	2.21%	0.342%
70	19.127	2809	2812	2818	rVB	250005	357217	3.58%	0.554%
71	19.215	2824	2827	2830	rBV	73718	102017	1.02%	0.158%

LSC Area Percent Report

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Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

72	19.462	2862	2869	2877	rBV	2276575	3210767	32.21%	4.979%
73	19.521	2877	2879	2890	rVB3	75078	152055	1.53%	0.236%
74	19.827	2927	2931	2934	rBV	89659	121698	1.22%	0.189%
75	19.909	2937	2945	2950	rVV2	354528	691679	6.94%	1.073%
76	19.962	2950	2954	2963	rVB	354715	567589	5.69%	0.880%
77	20.580	3055	3059	3061	rBV2	141637	212363	2.13%	0.329%
78	20.609	3061	3064	3073	rVB2	262491	470618	4.72%	0.730%
79	21.262	3170	3175	3181	rBV	1697388	2261621	22.69%	3.507%
80	23.350	3523	3530	3539	rBV2	1670353	3198042	32.08%	4.959%
81	23.491	3548	3554	3563	rVB	1133582	2139141	21.46%	3.317%

Sum of corrected areas: 64491795

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
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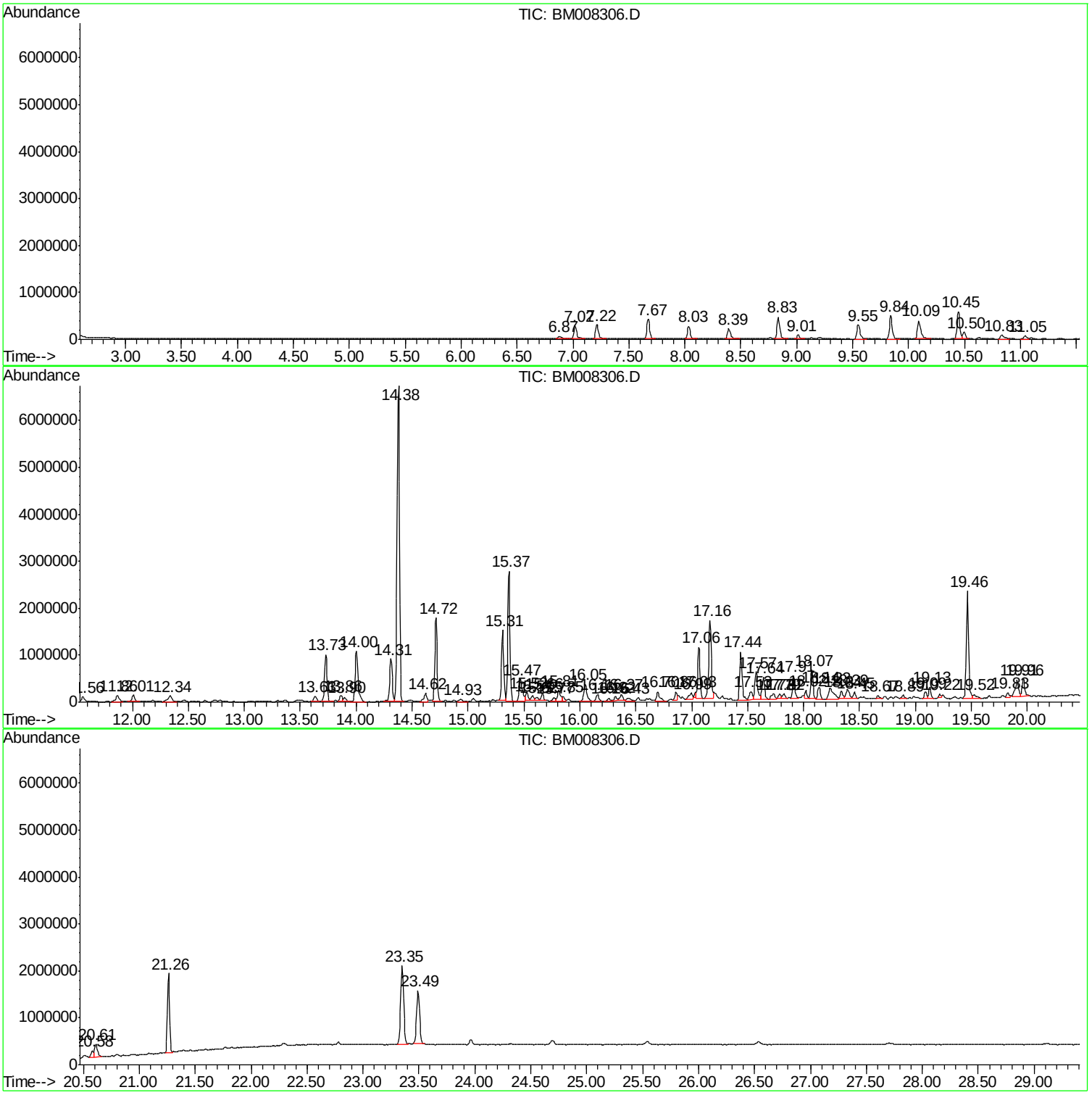
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

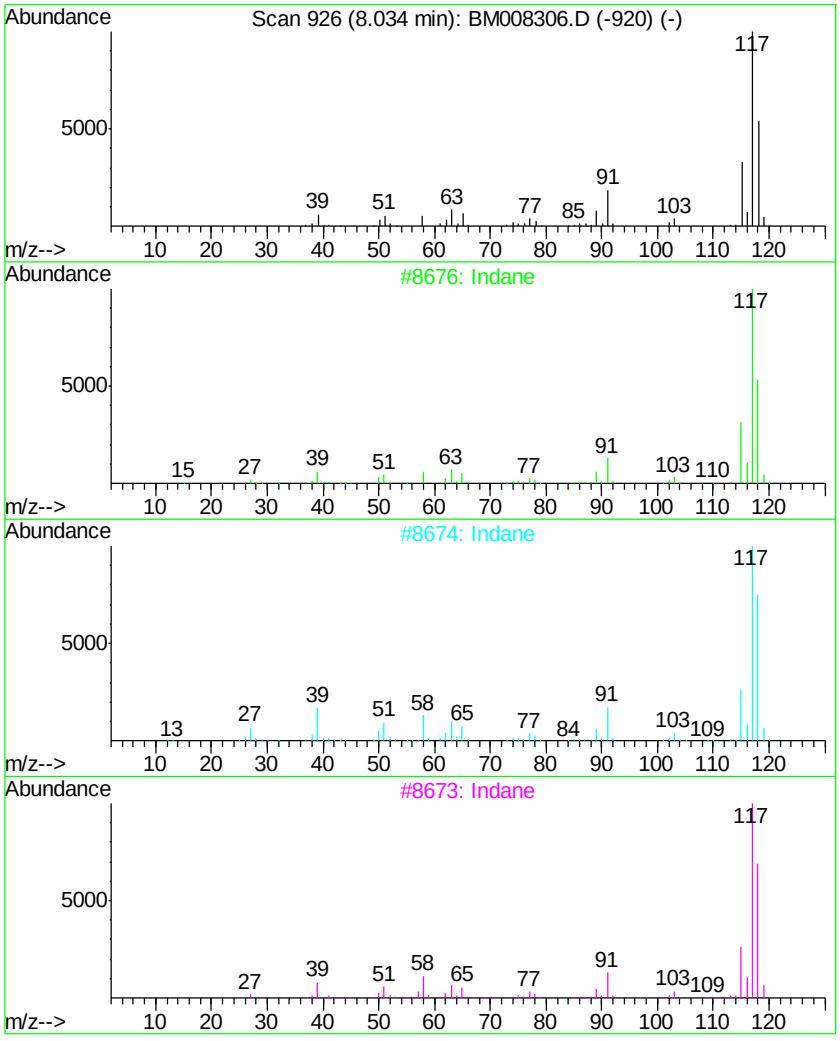
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

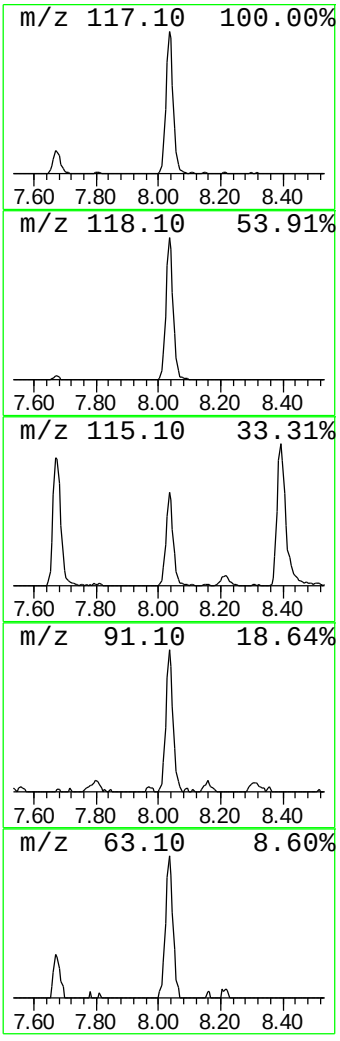
****

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	12.59 ng/ul	440375	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	83





Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

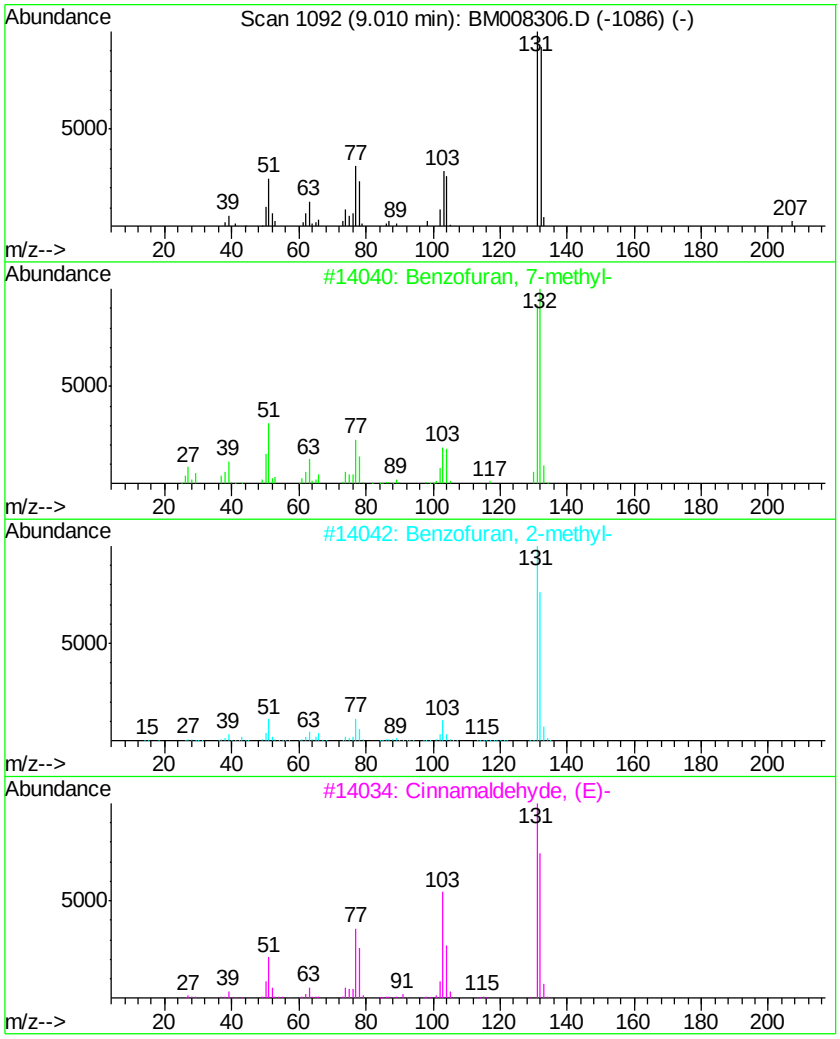
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

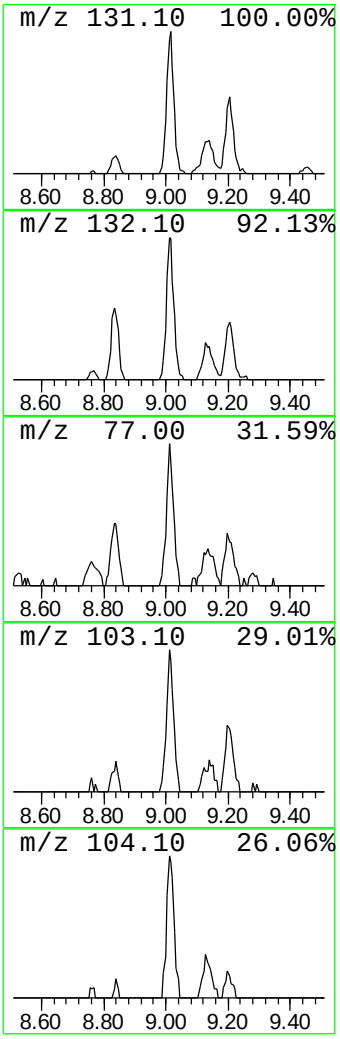
****

Peak Number 2 Benzofuran, 7-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	4.12 ng/ul	144011	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

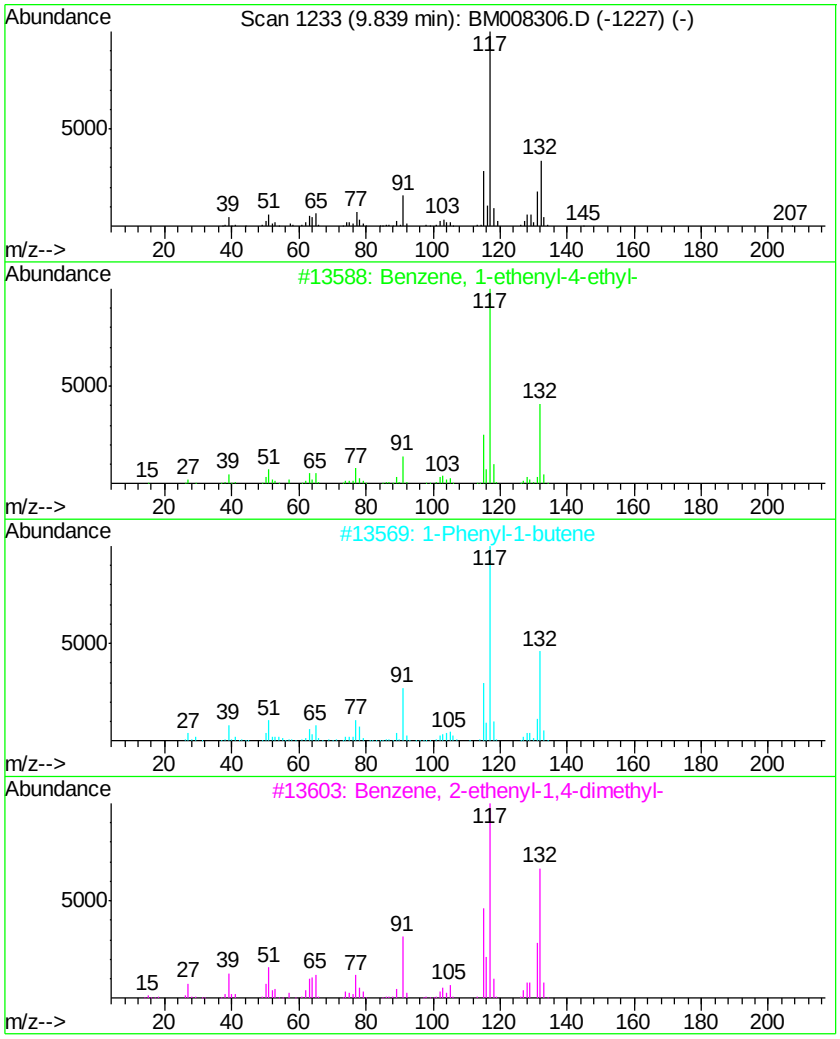
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

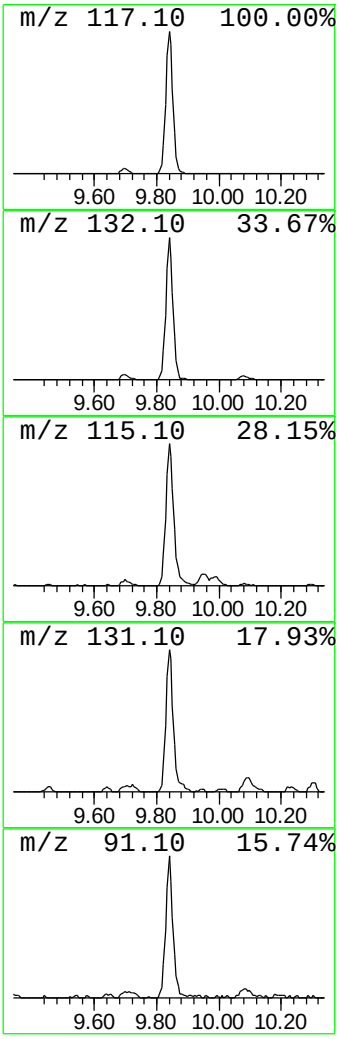
****

Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	17.72 ng/ul	866073	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91





Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
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Operator : UM/SJ
Sample : H5976-10
Misc :
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Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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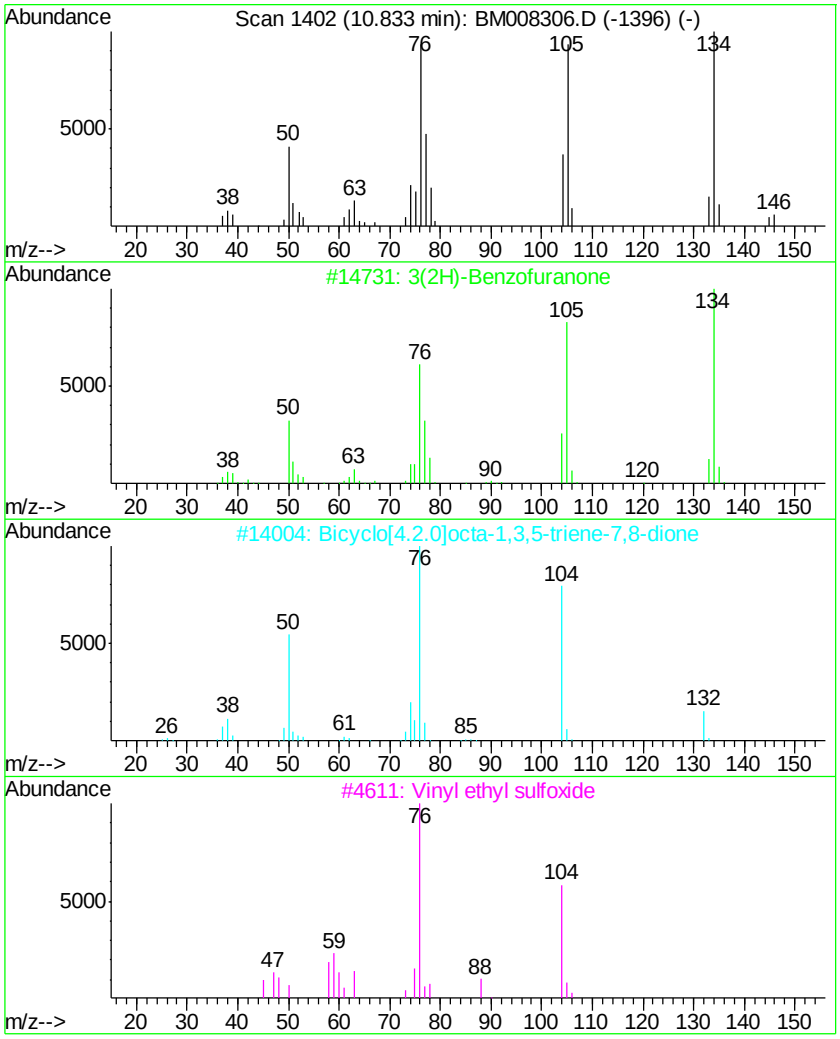
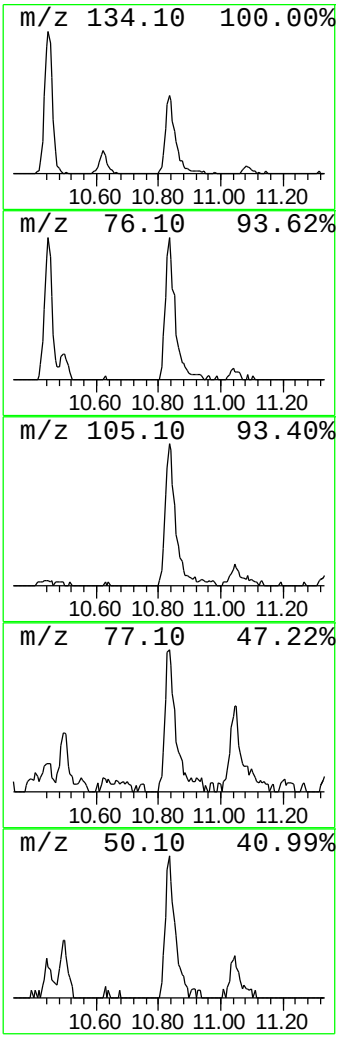
Peak Number 4 3(2H)-Benzofuranone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.30 ng/ul	209930	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Benzofuranone	134	C8H6O2	007169-34-8	94
2	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	42
3	Vinyl ethyl sulfoxide	104	C4H8OS	032568-51-7	38
4	3(2H)-Benzofuranone	134	C8H6O2	007169-34-8	38
5	p-Dinitrosobenzene	136	C6H4N2O2	000105-12-4	36





Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

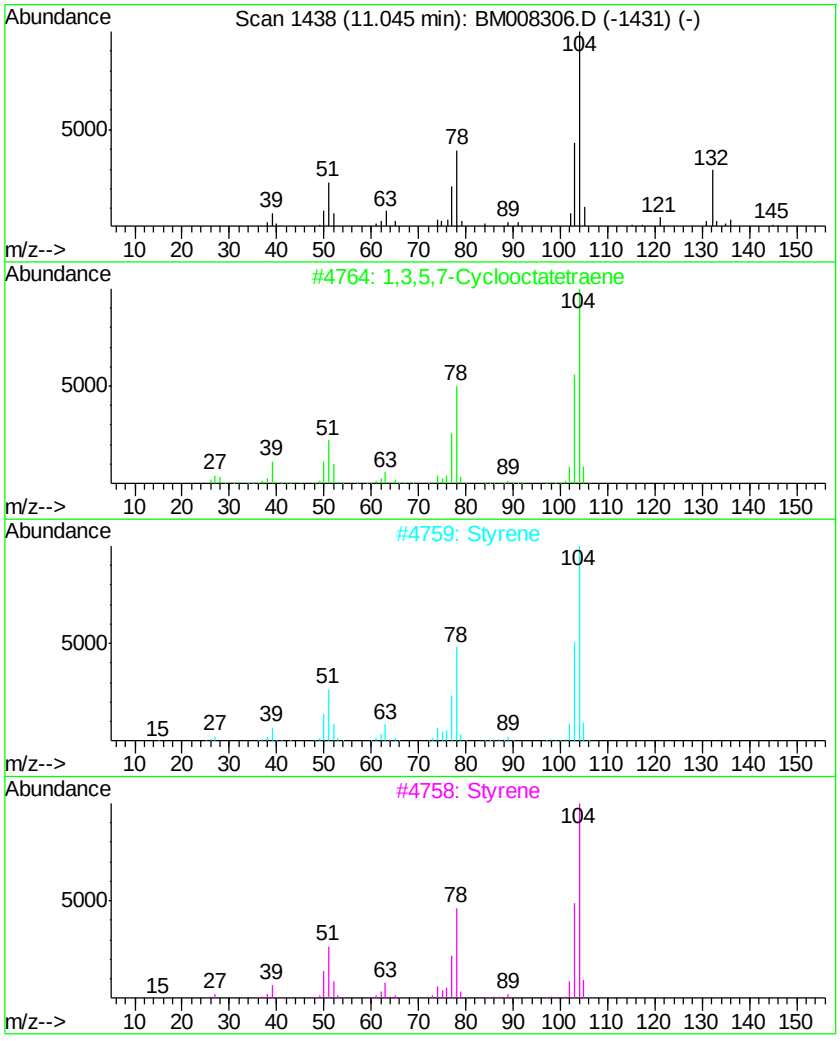
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

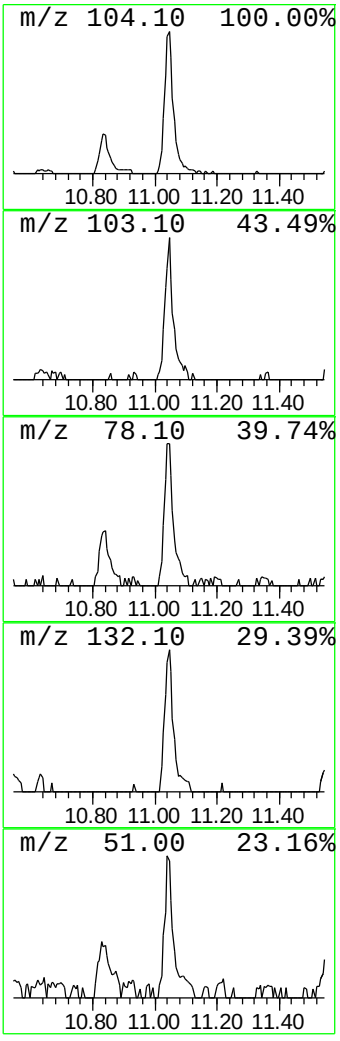
****

Peak Number 5 1,3,5,7-Cyclooctatetraene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	2.99 ng/ul	146312	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
2	Styrene	104	C8H8	000100-42-5	95
3	Styrene	104	C8H8	000100-42-5	95
4	Styrene	104	C8H8	000100-42-5	93
5	Styrene	104	C8H8	000100-42-5	93





Data Path : Z:\HPCHEM1\BNA_M\Data\BM121416\
Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

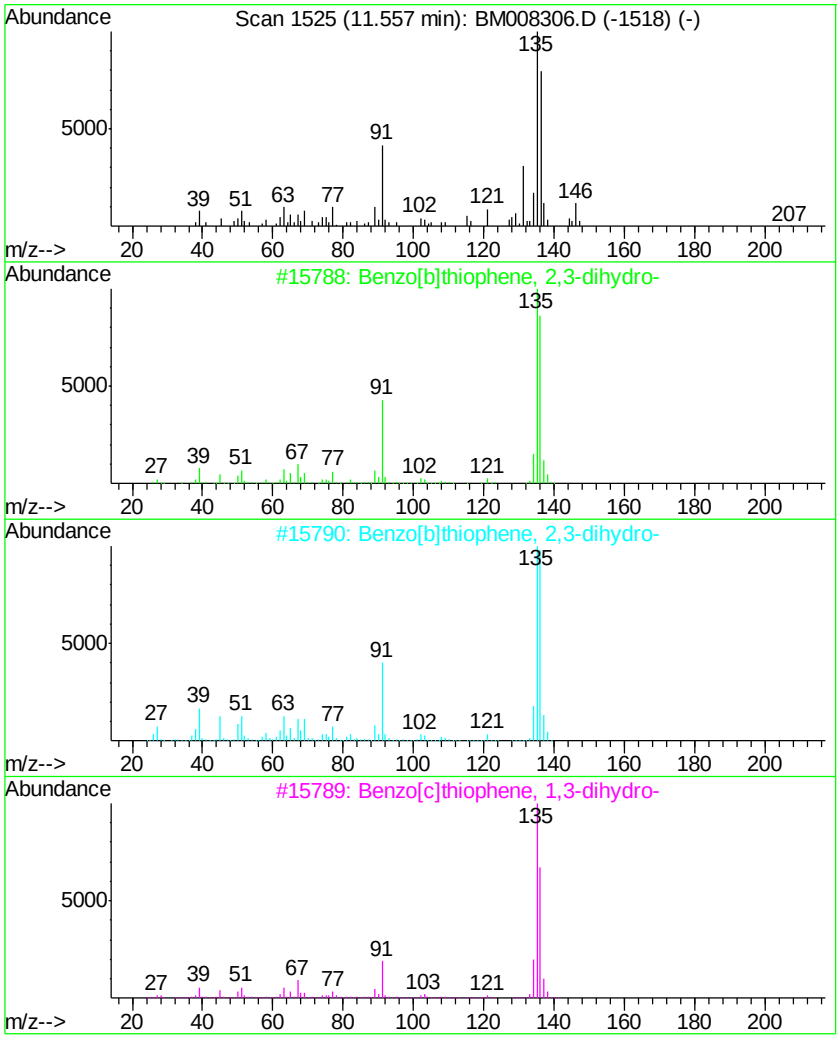
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

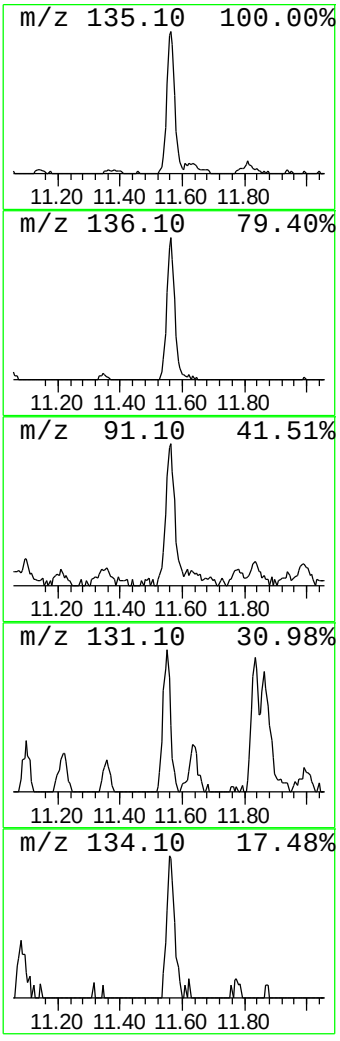
****

Peak Number 6 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	3.92 ng/ul	191467	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	81
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	76
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	64
5	2-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	000698-27-1	59





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Acq On : 14 Dec 2016 12:54
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Sample : H5976-10
Misc :
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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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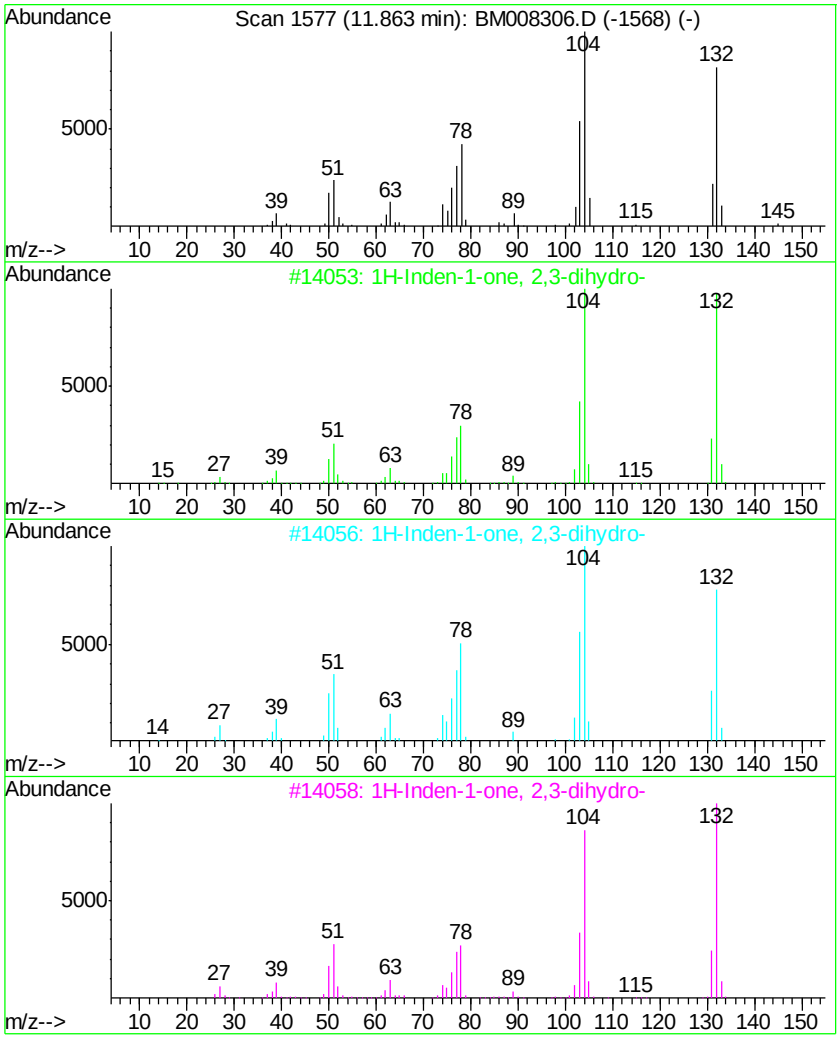
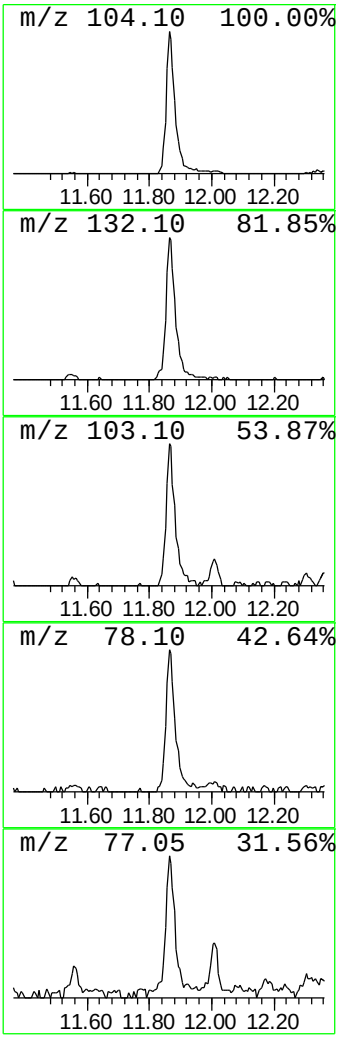
Peak Number 7 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.20 ng/ul	303165	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	64
5	Styrene	104	C8H8	000100-42-5	60





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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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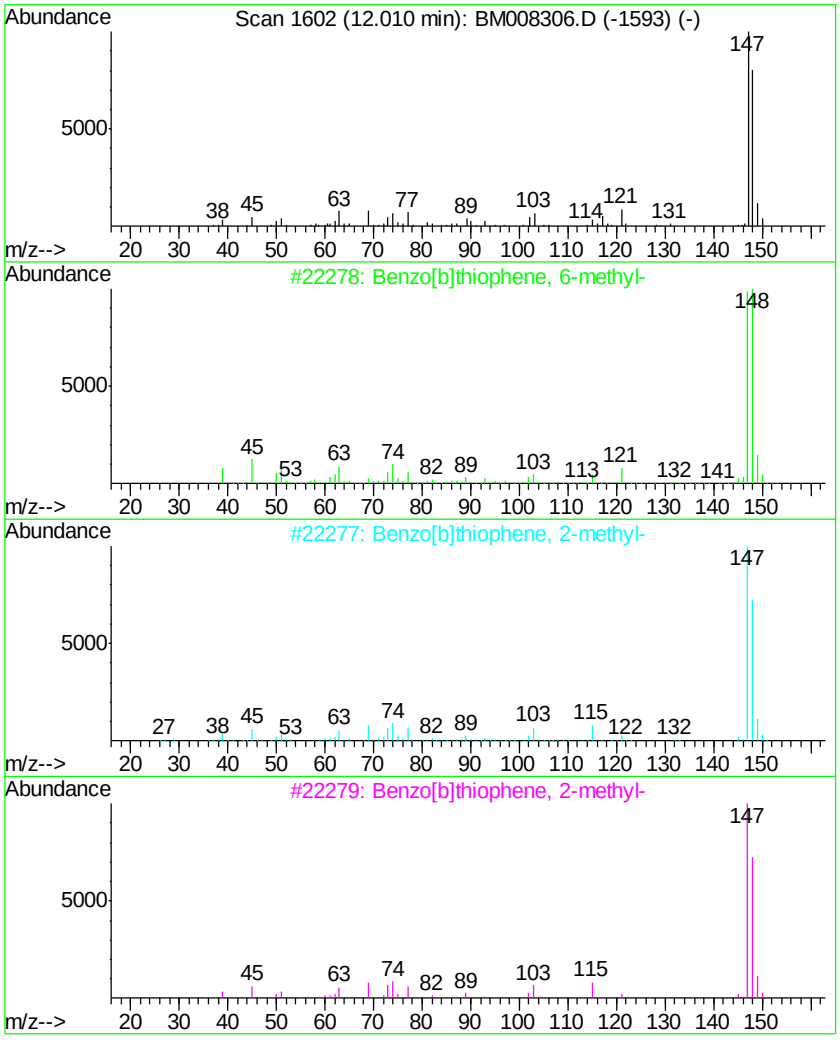
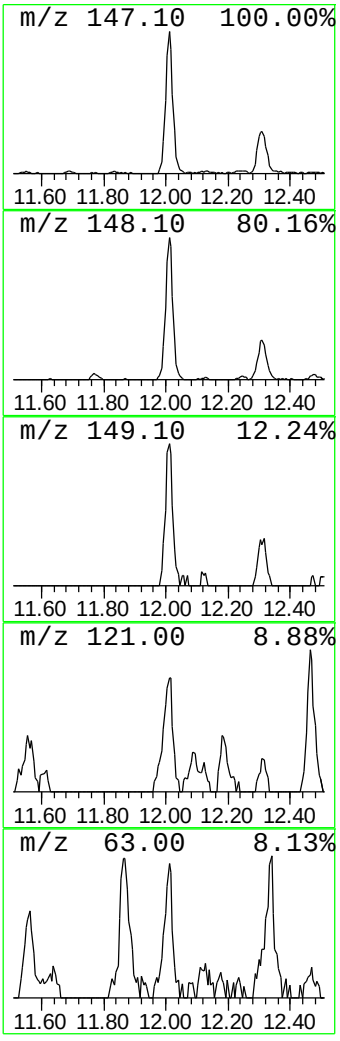
Peak Number 8 Benzo[b]thiophene, 6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.10 ng/ul	249370	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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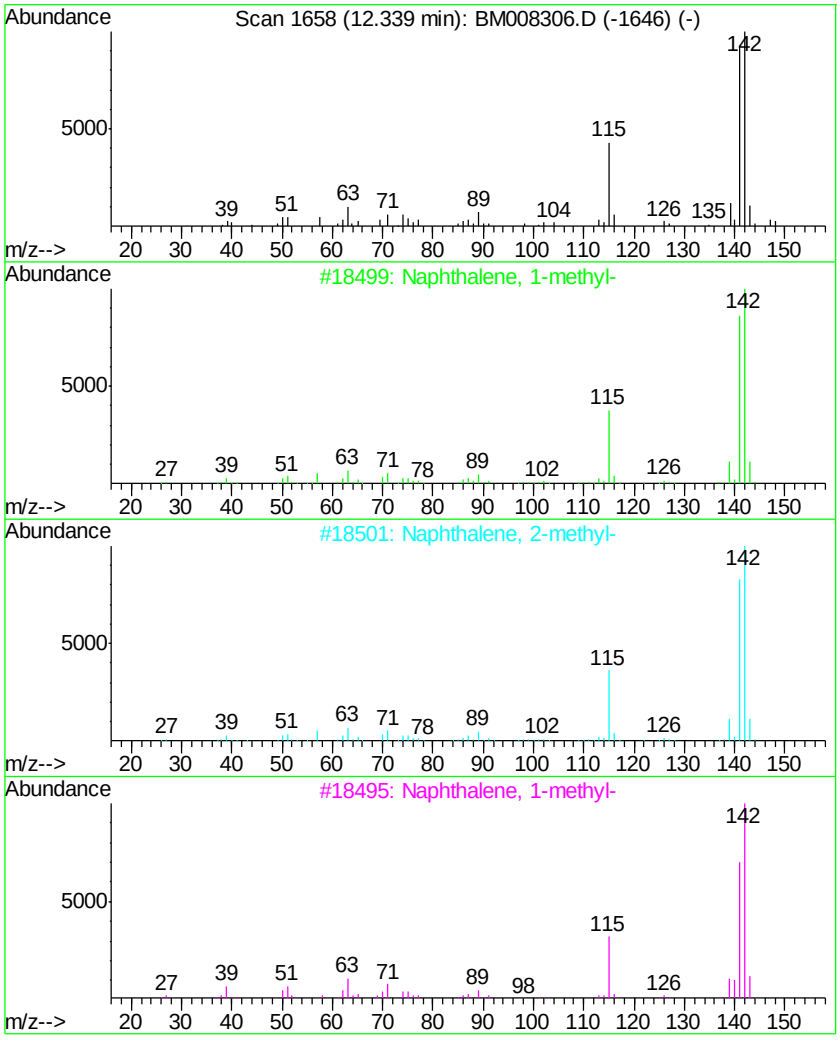
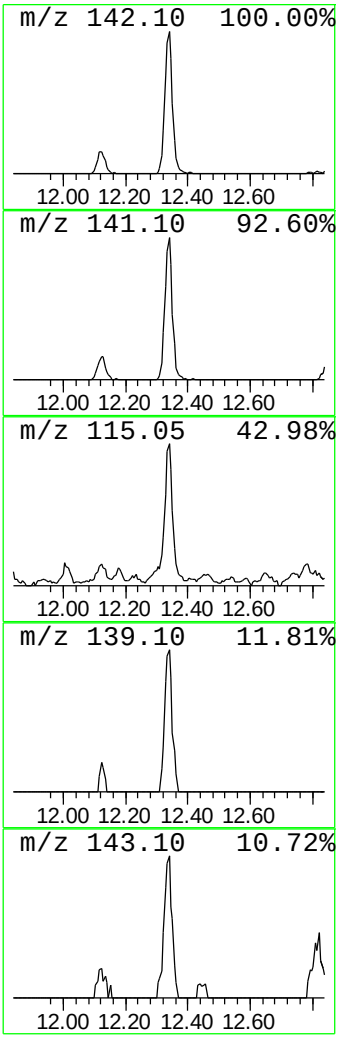
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	6.57 ng/ul	321232	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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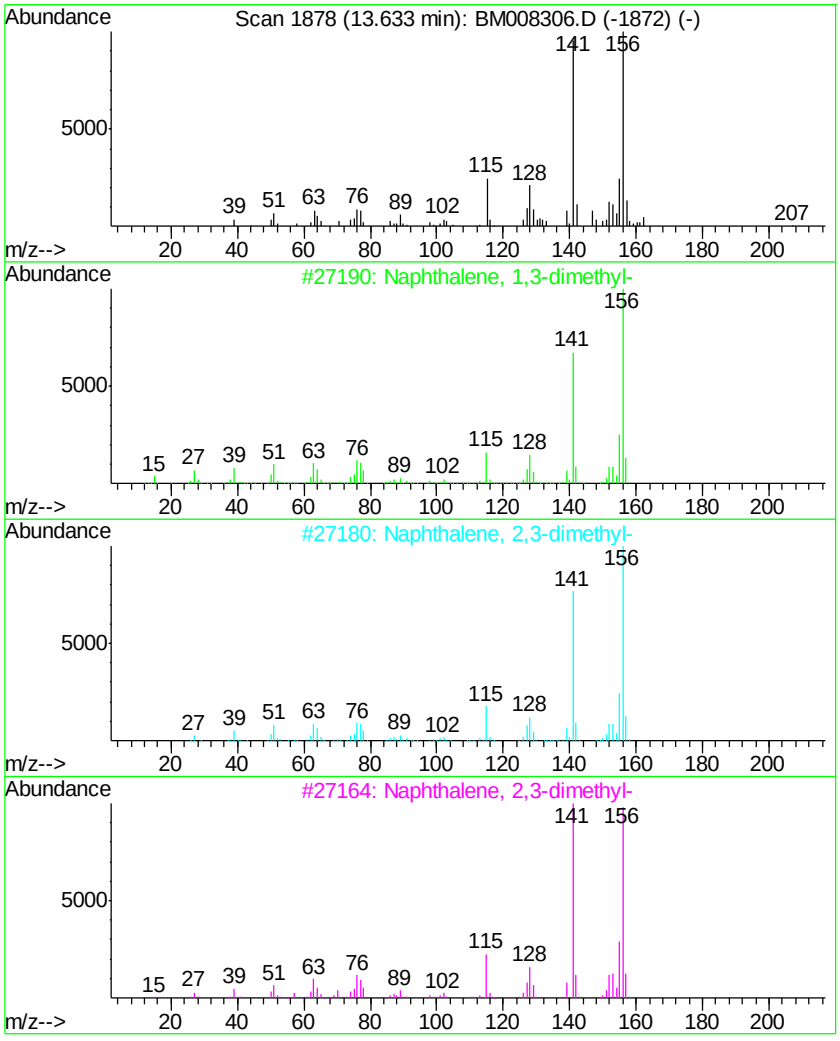
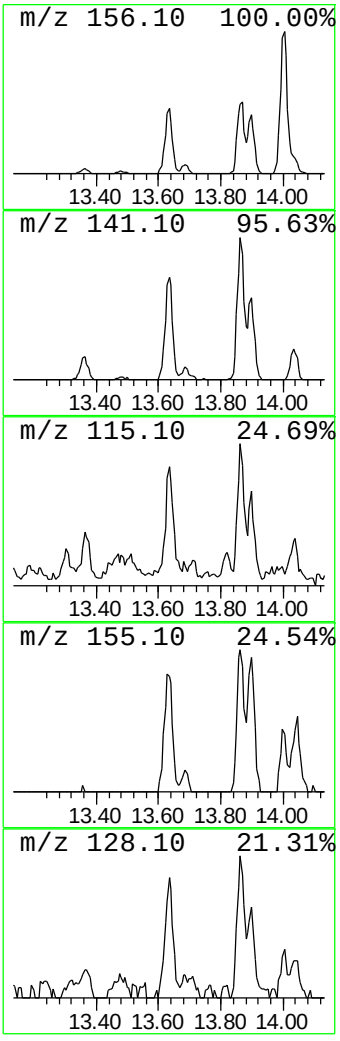
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.89 ng/ul	206821	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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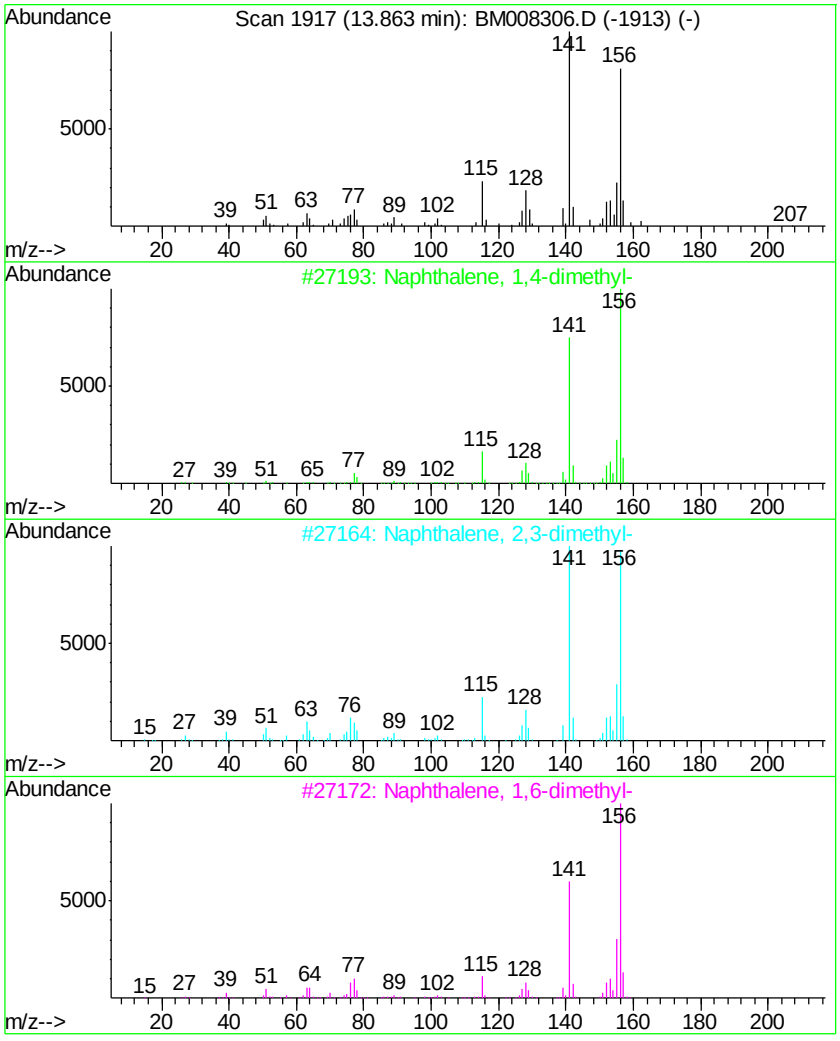
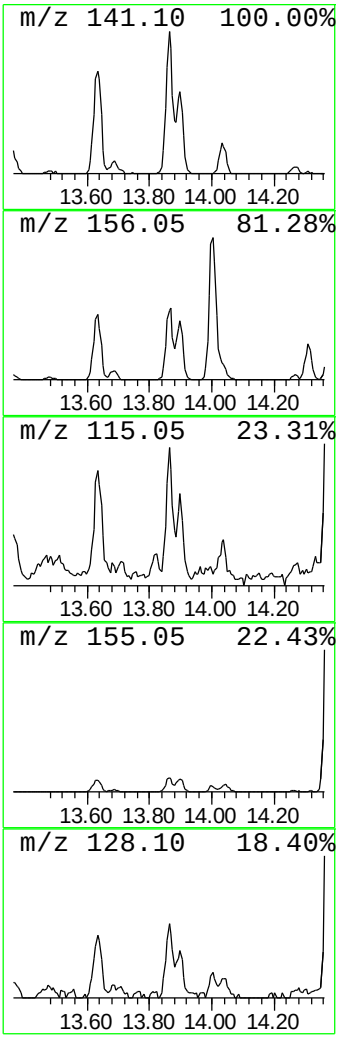
Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.57 ng/ul	183601	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8P2

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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 12 9H-Fluorene, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.63 ng/ul	259711	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	53
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52
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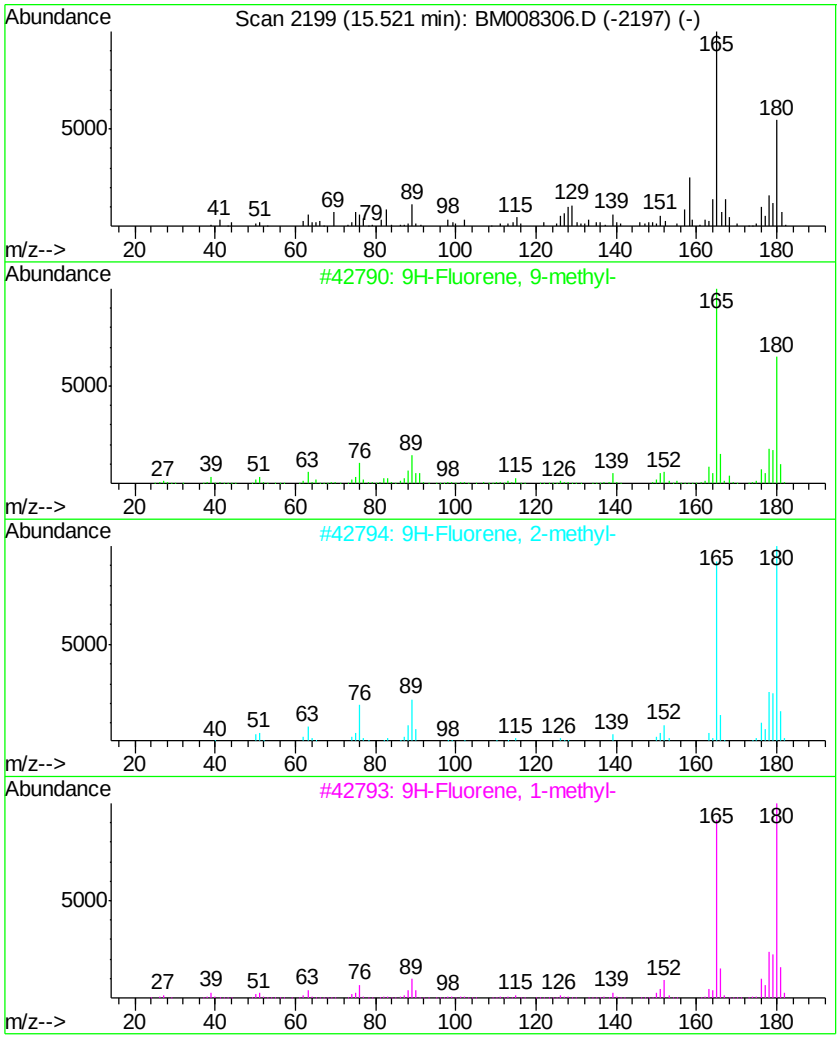

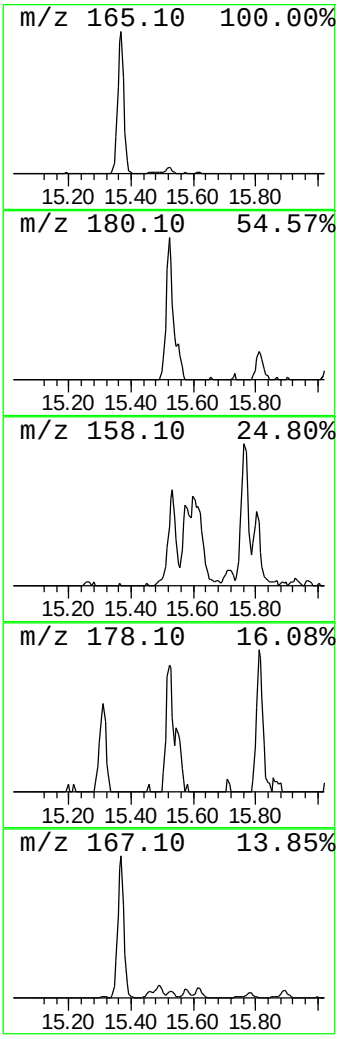

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Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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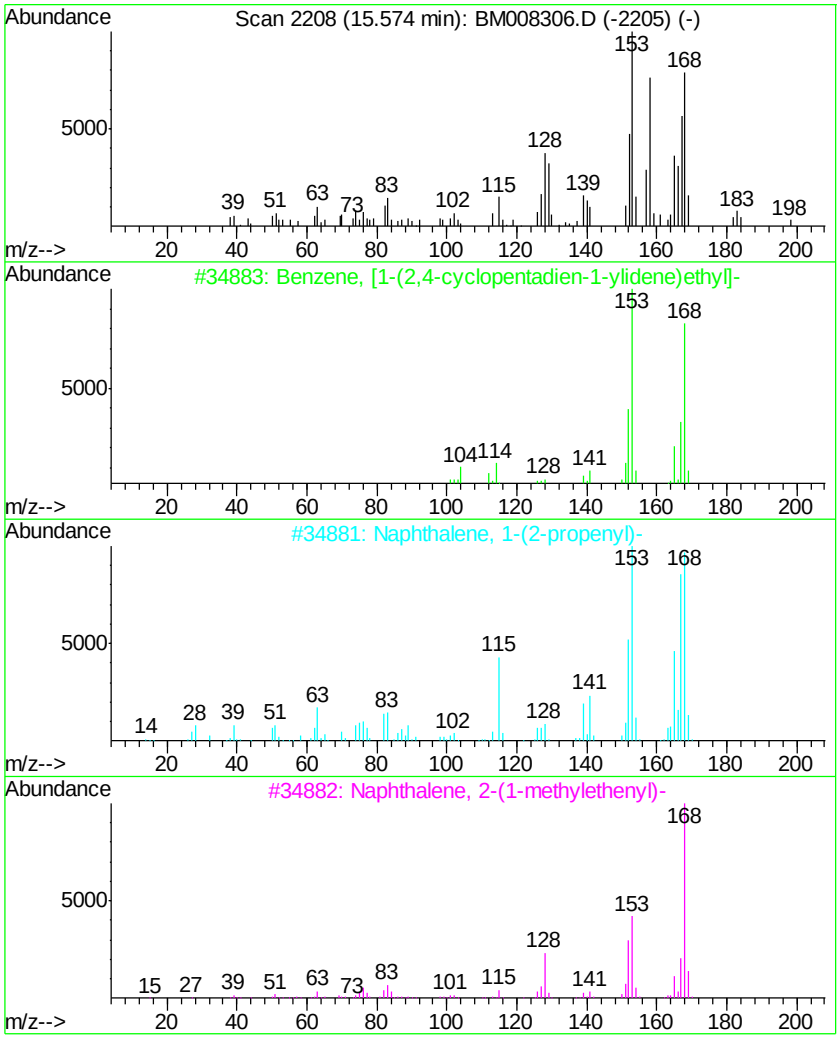
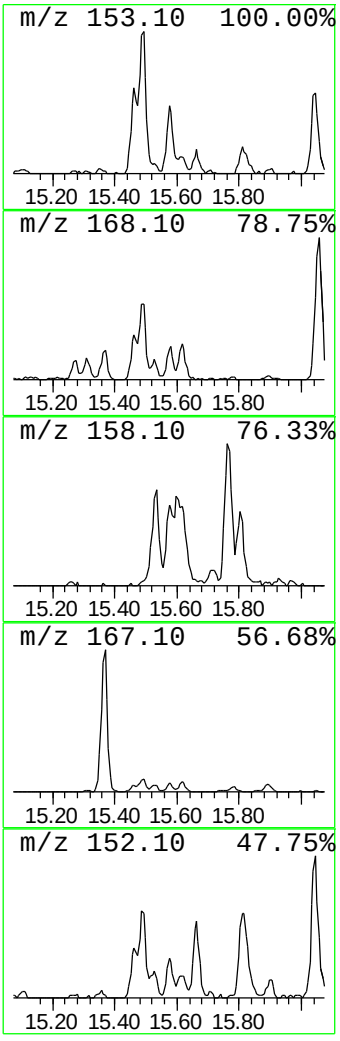
Peak Number 13 Benzene, [1-(2,4-cyclopenta... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.06 ng/ul	147149	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	46
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	45
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	38
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38
5	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	38





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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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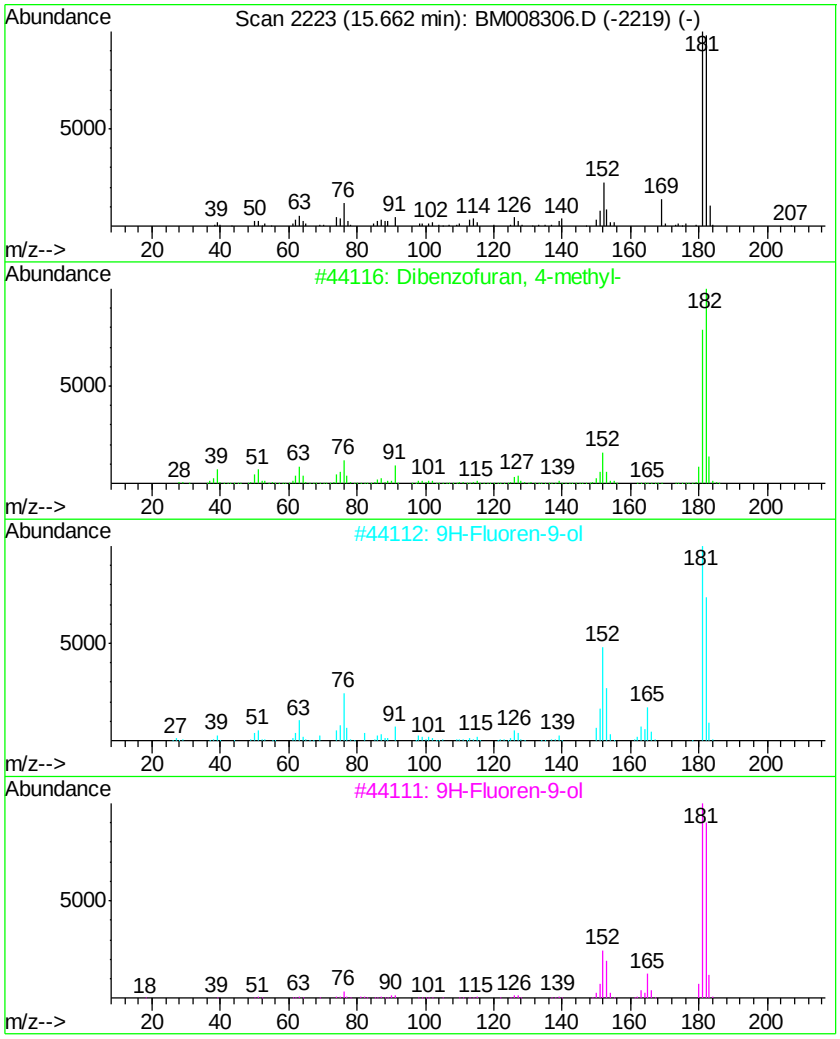
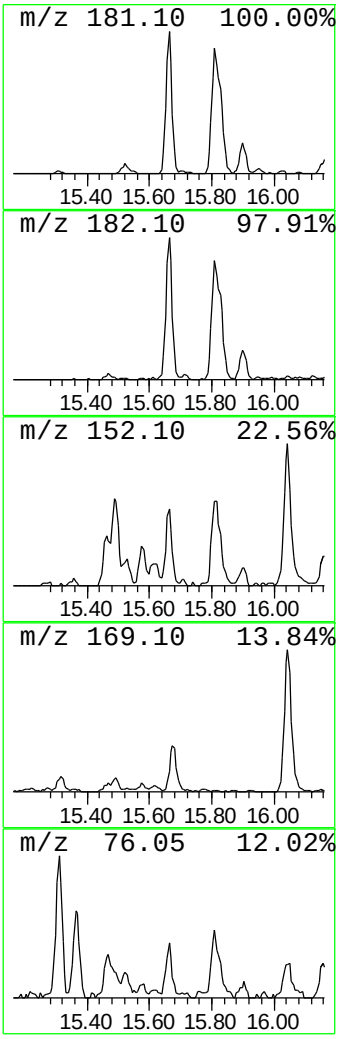
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	3.10 ng/ul	221668	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	64





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Quant Title : SVOA CALIBRATION

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

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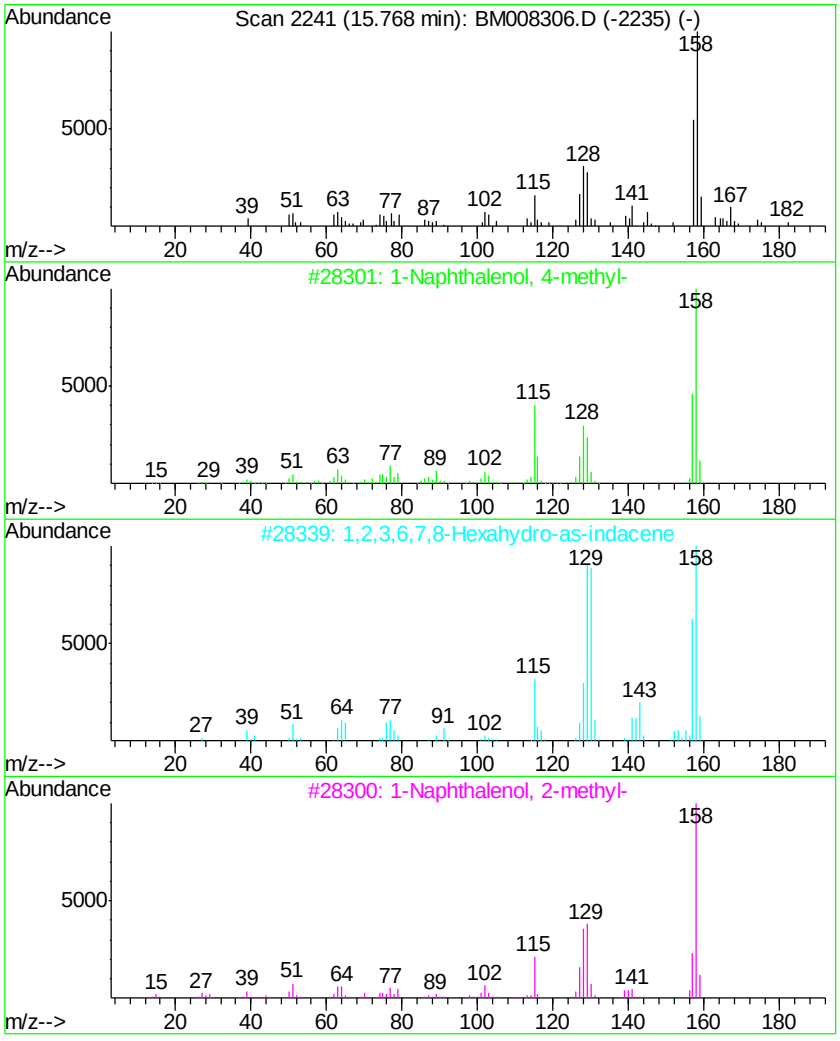
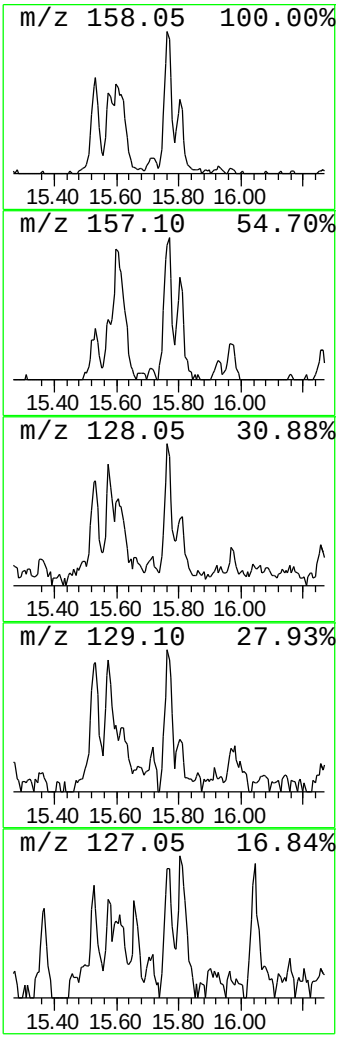
Peak Number 15 1-Naphthalenol, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.00 ng/ul	157908	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 4-methyl-	158	C11H10O	010240-08-1	87
2	1,2,3,6,7,8-Hexahydro-as-indacene	158	C12H14	001076-17-1	72
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	68
4	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	58
5	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	53





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Quant Title : SVOA CALIBRATION

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

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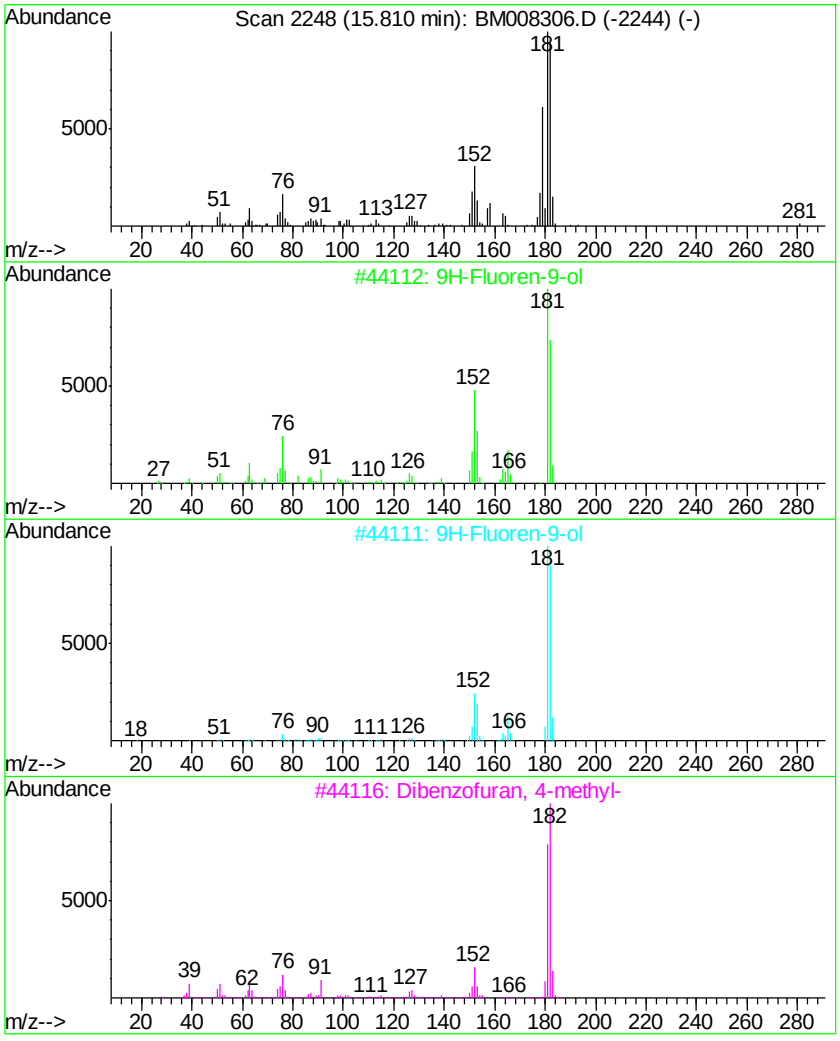
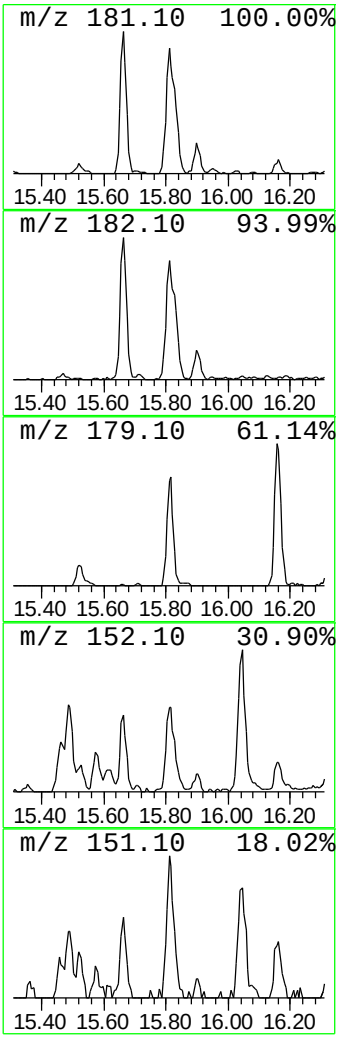
Peak Number 16 9H-Fluoren-9-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	5.77 ng/ul	454765	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	70
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	62
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	60
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58





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Quant Title : SVOA CALIBRATION

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

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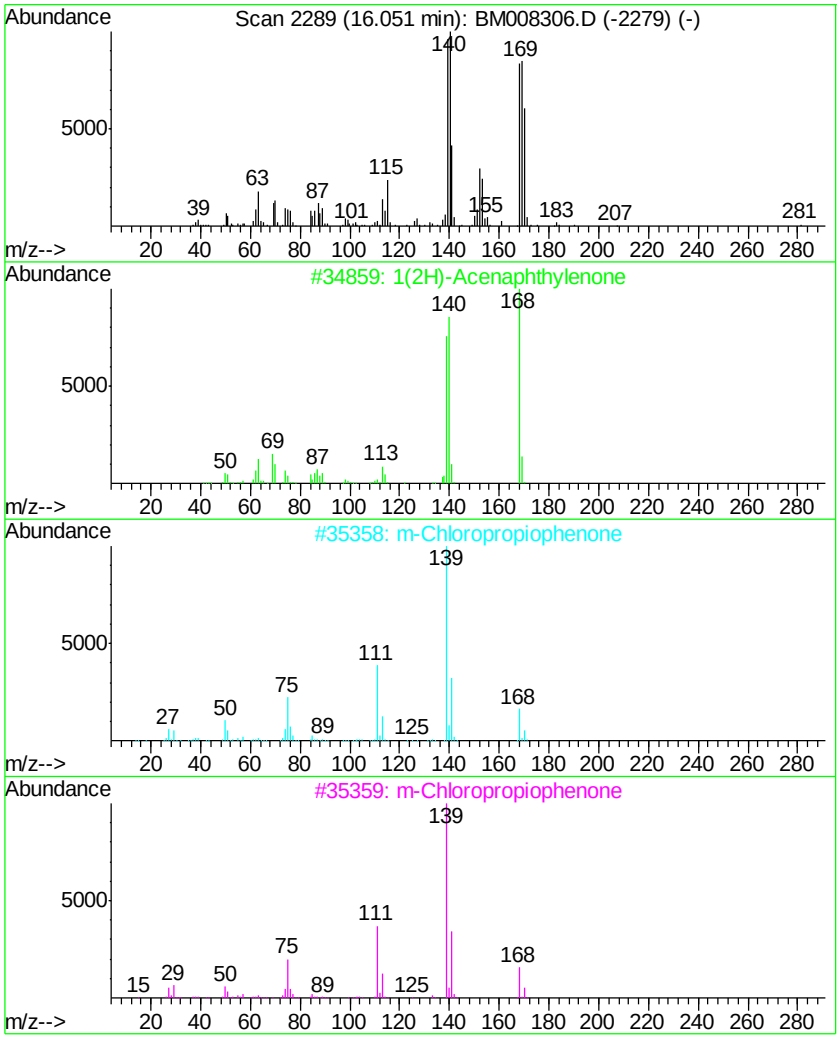
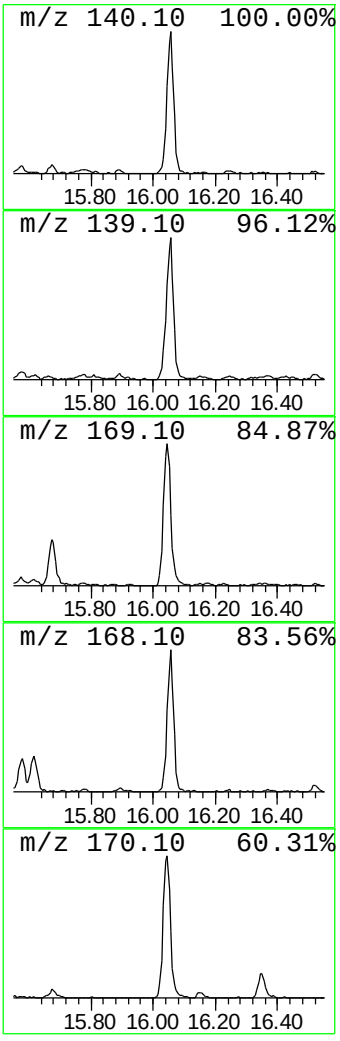
Peak Number 17 1(2H)-Acenaphthylenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	9.50 ng/ul	748631	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	m-Chloropropiophenone	168	C9H9ClO	034841-35-5	38
3	m-Chloropropiophenone	168	C9H9ClO	034841-35-5	35
4	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	30
5	1H-Inden-1-ol, 4,7-difluoro-2,3-...	170	C9H8F2O	130408-17-2	30





Library Search Compound Report

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Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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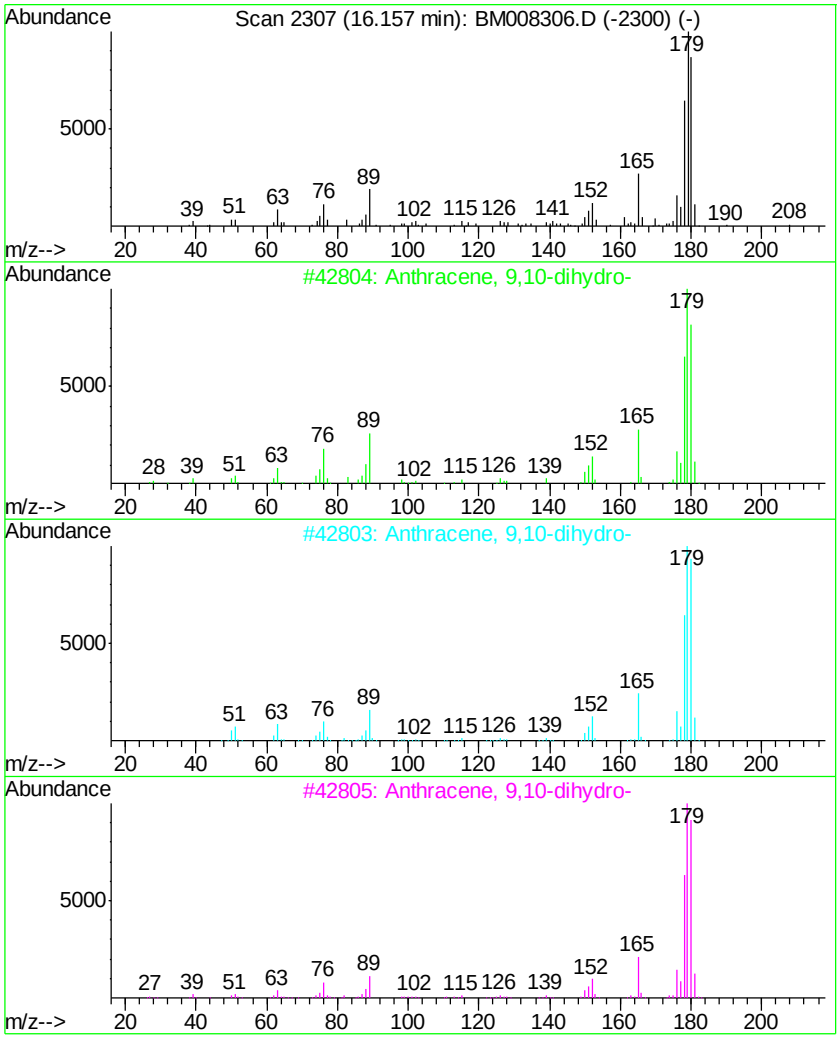
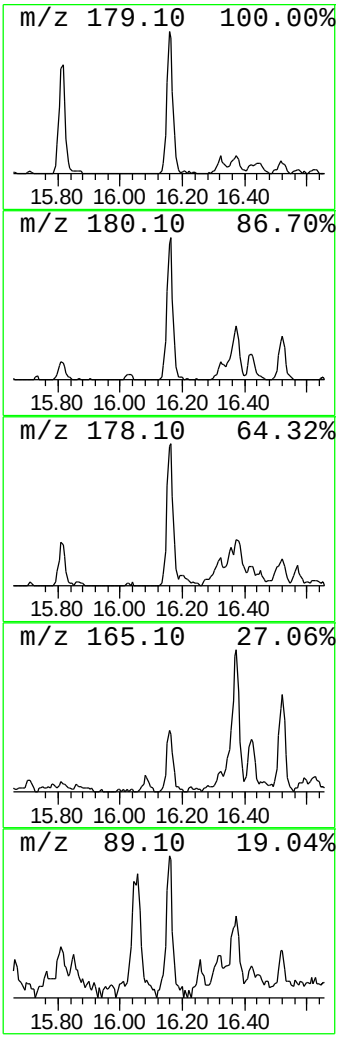
Peak Number 18 Anthracene, 9,10-dihydro- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	3.07 ng/ul	242067	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	93
5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	93





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Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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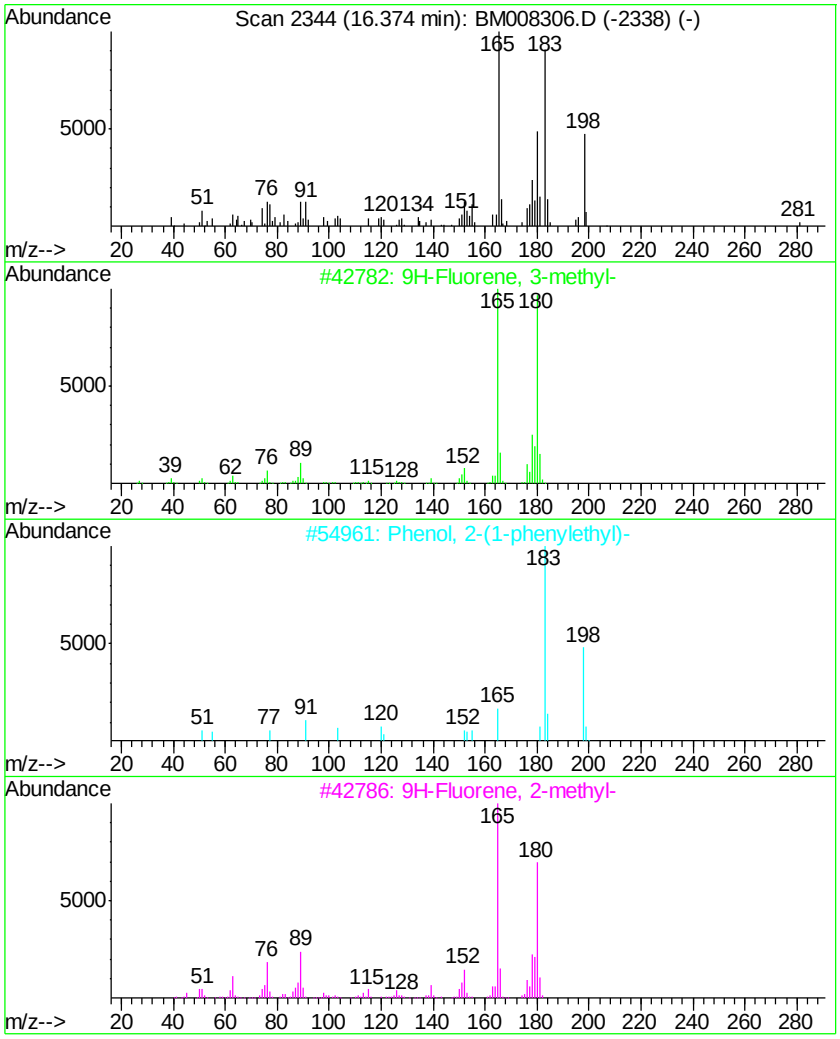
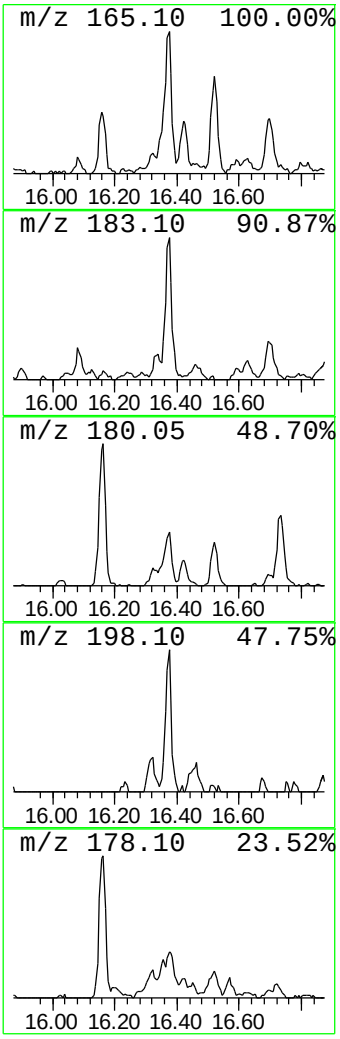
Peak Number 19 9H-Fluorene, 3-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.00 ng/ul	236702	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
2	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	50
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
5	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	41





Library Search Compound Report

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Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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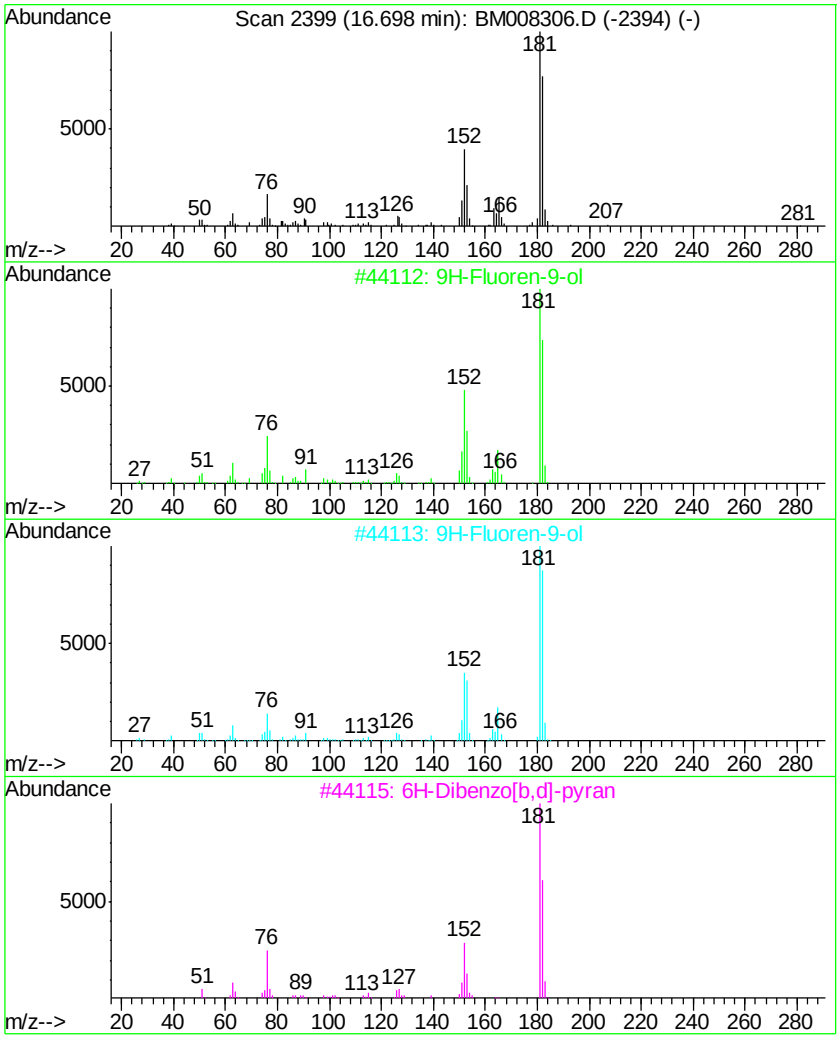
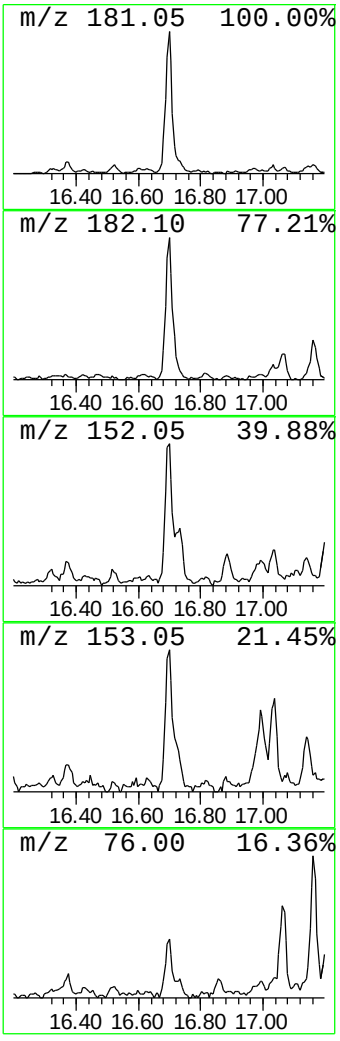
Peak Number 20 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	5.50 ng/ul	433645	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	98
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	95
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	81





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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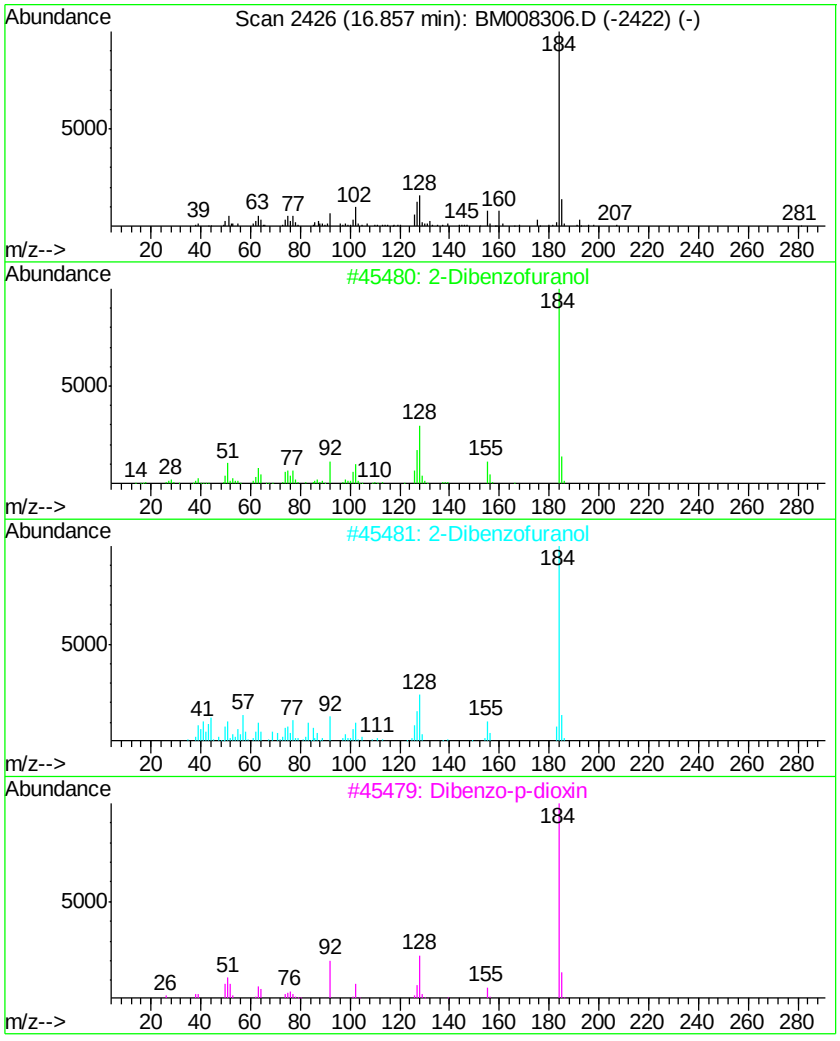
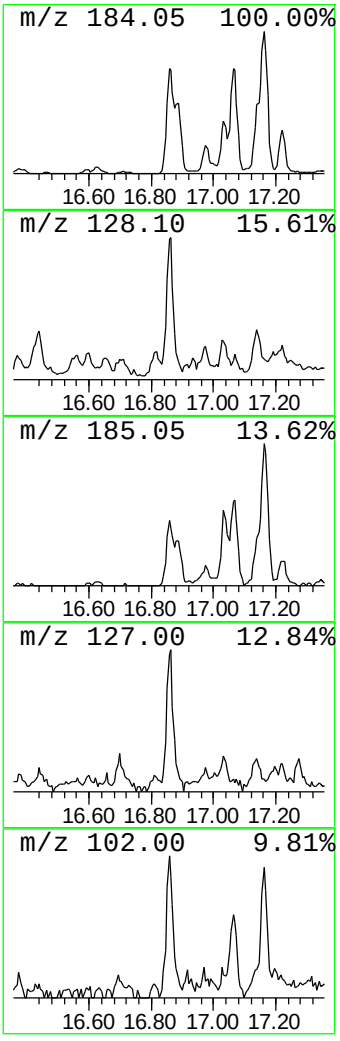
Peak Number 21 2-Dibenzofuranol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.57 ng/ul	281172	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	93
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	87
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	86





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Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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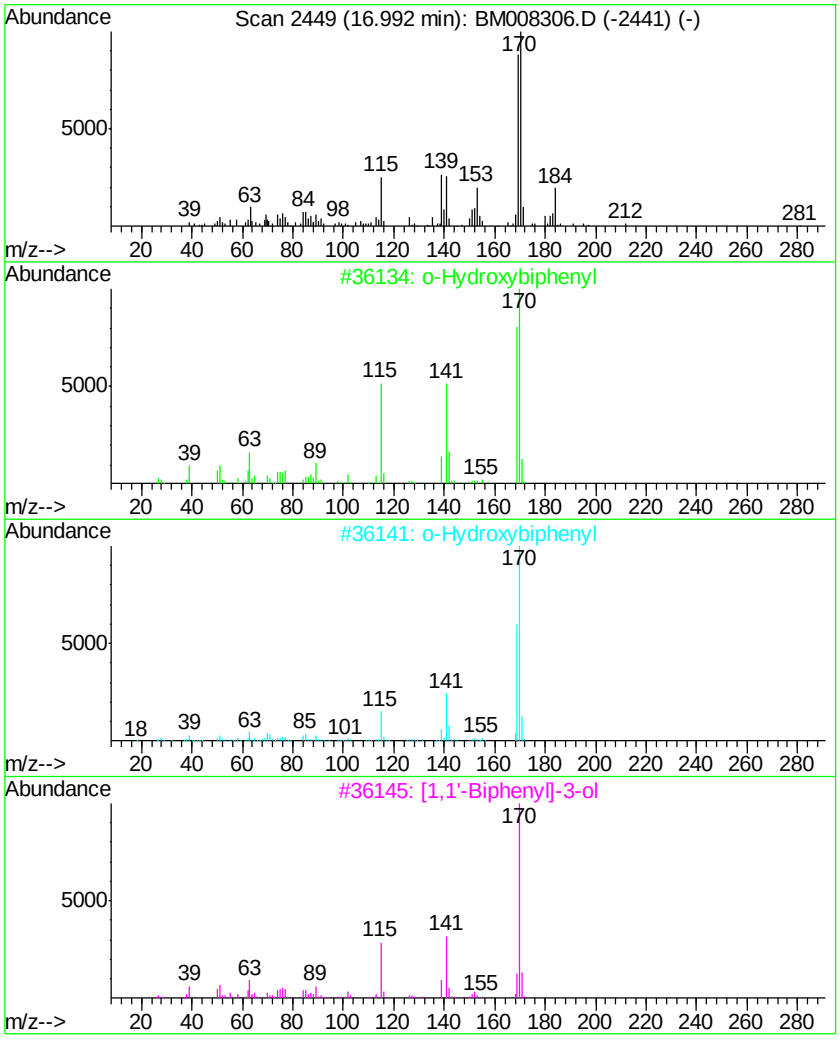
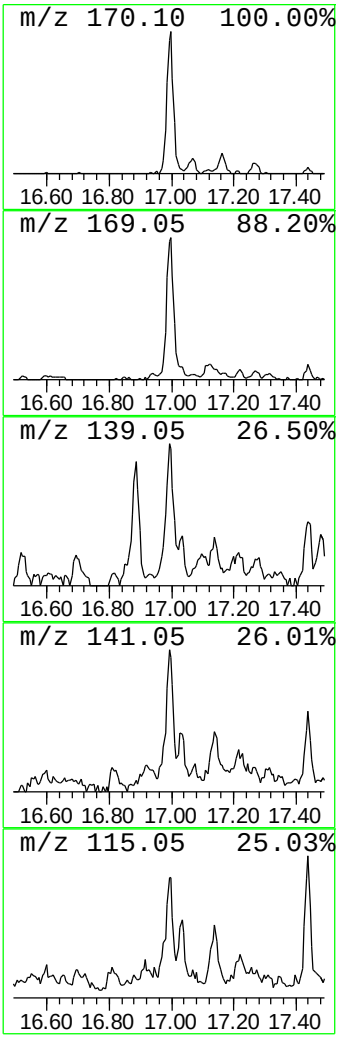
Peak Number 22 o-Hydroxybiphenyl Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	4.08 ng/ul	321824	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	62
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	53
3	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	50
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	49
5	6-Fluorovanillin	170	C8H7FO3	079418-77-2	47





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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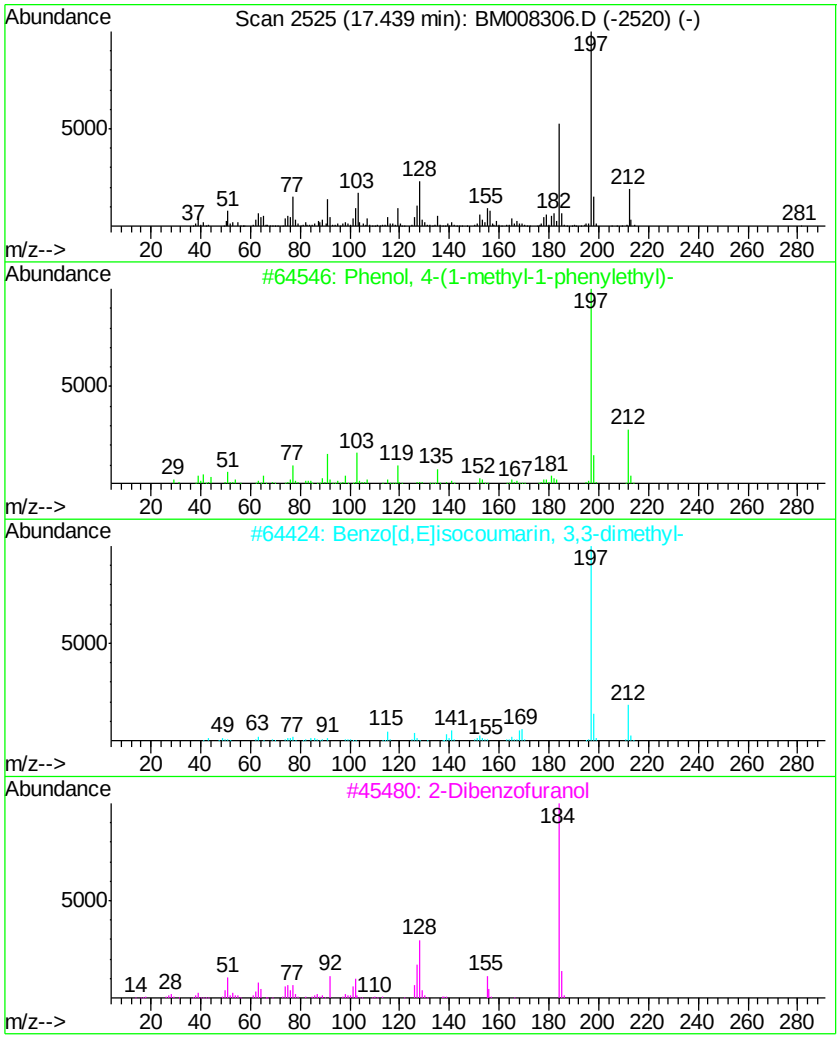
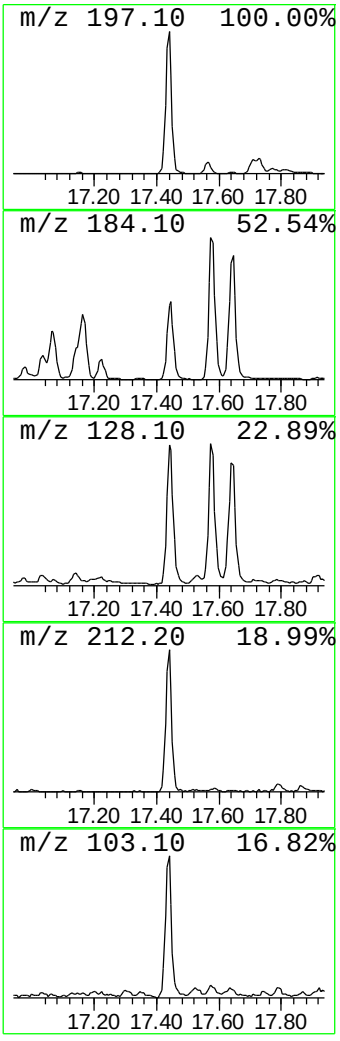
Peak Number 23 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	19.72 ng/ul	1555110	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	49
2	Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	43
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	42
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	42
5	4-Methyl-2,4'-bithiazol-2'-amine	197	C7H7N3S2	007520-82-3	38





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Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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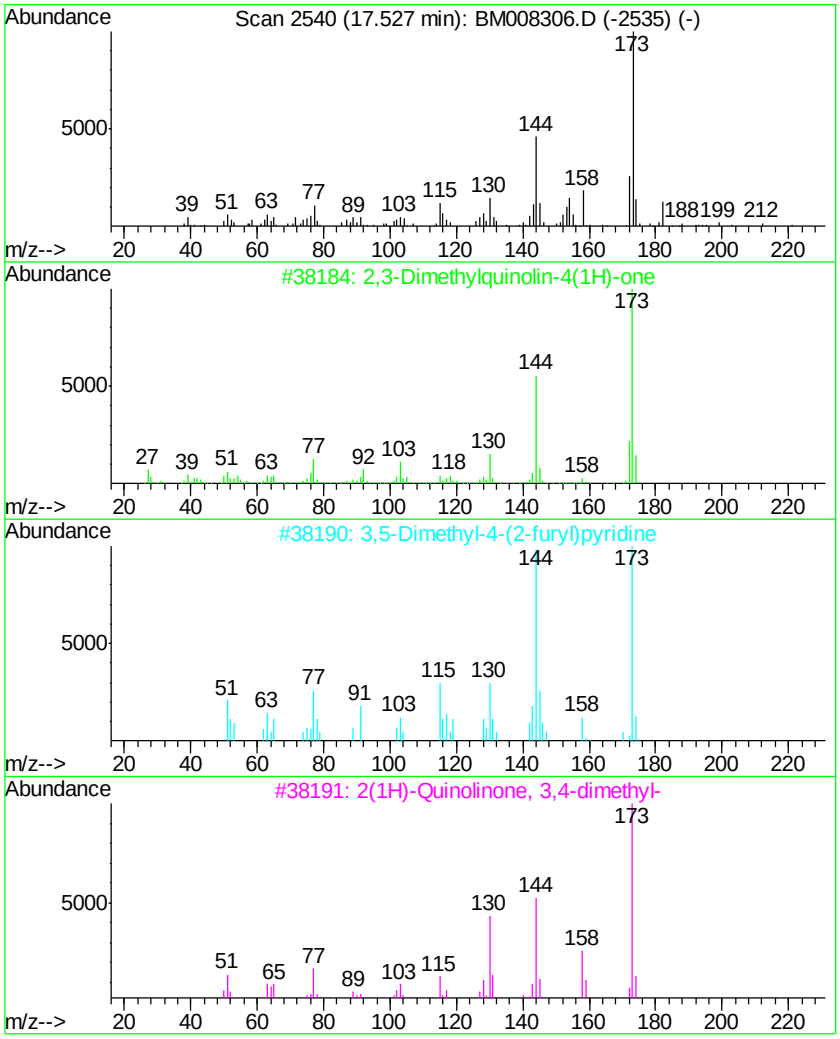
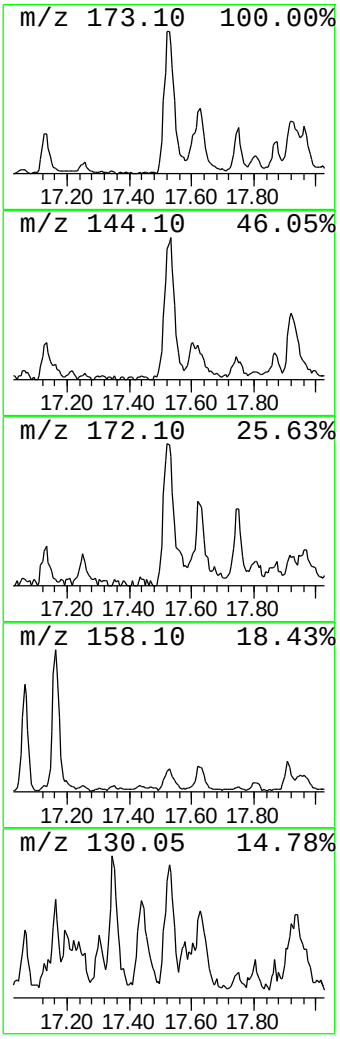
Peak Number 24 2,3-Dimethylquinolin-4(1H)-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	4.49 ng/ul	353884	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethylquinolin-4(1H)-one	173	C11H11NO	058596-45-5	81
2	3,5-Dimethyl-4-(2-furyl)pyridine	173	C11H11NO	078563-72-1	70
3	2(1H)-Quinolinone, 3,4-dimethyl-	173	C11H11NO	017336-90-2	70
4	2(1H)-Quinolinone, 4,6-dimethyl-	173	C11H11NO	023947-37-7	68
5	1-Naphthol, 4-amino-2-methyl-	173	C11H11NO	000083-70-5	62





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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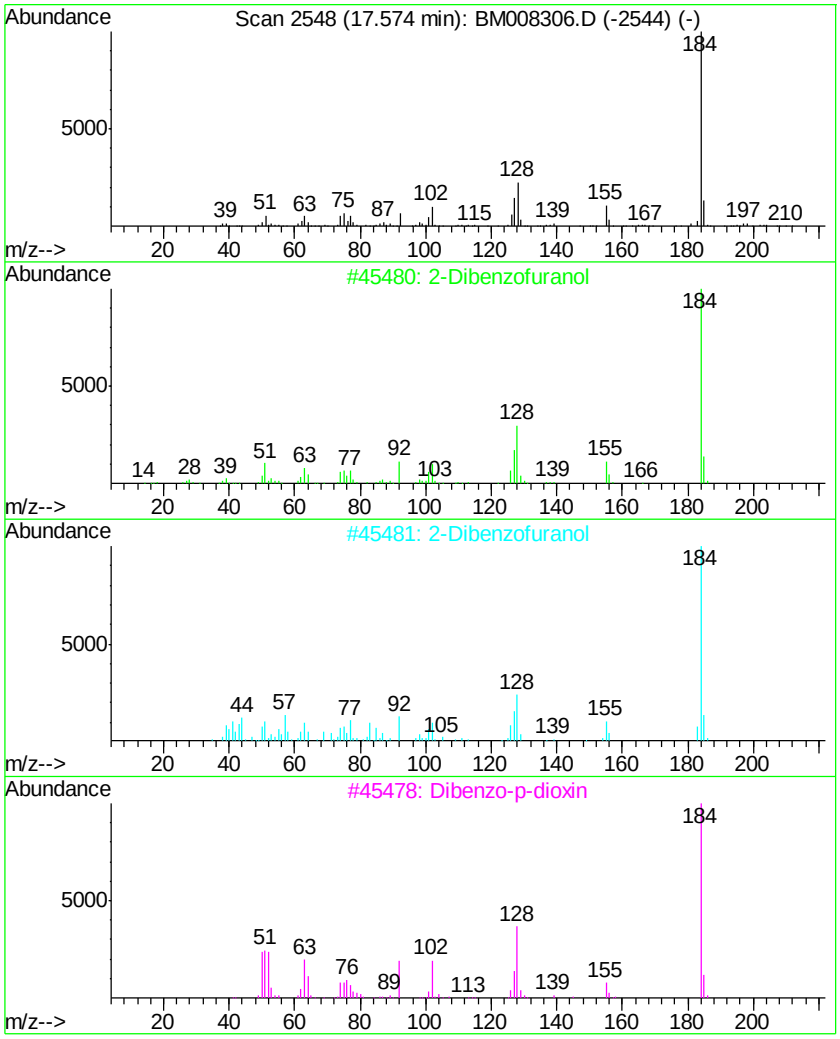
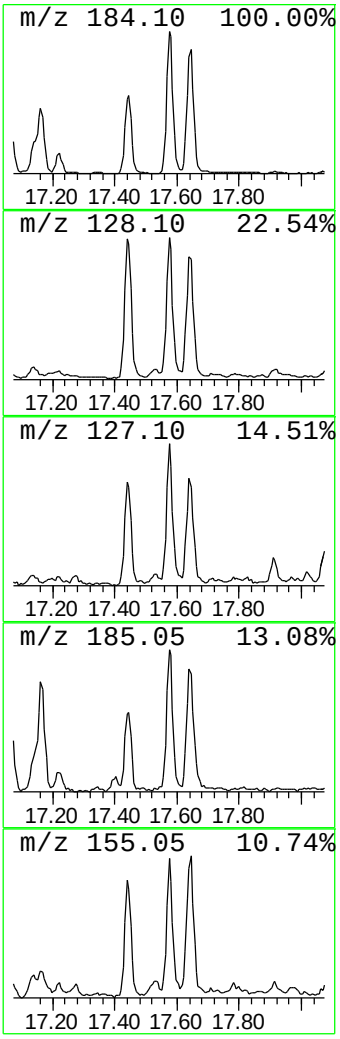
Peak Number 25 2-Dibenzofuranol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	12.76 ng/ul	1005860	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	95
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91





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Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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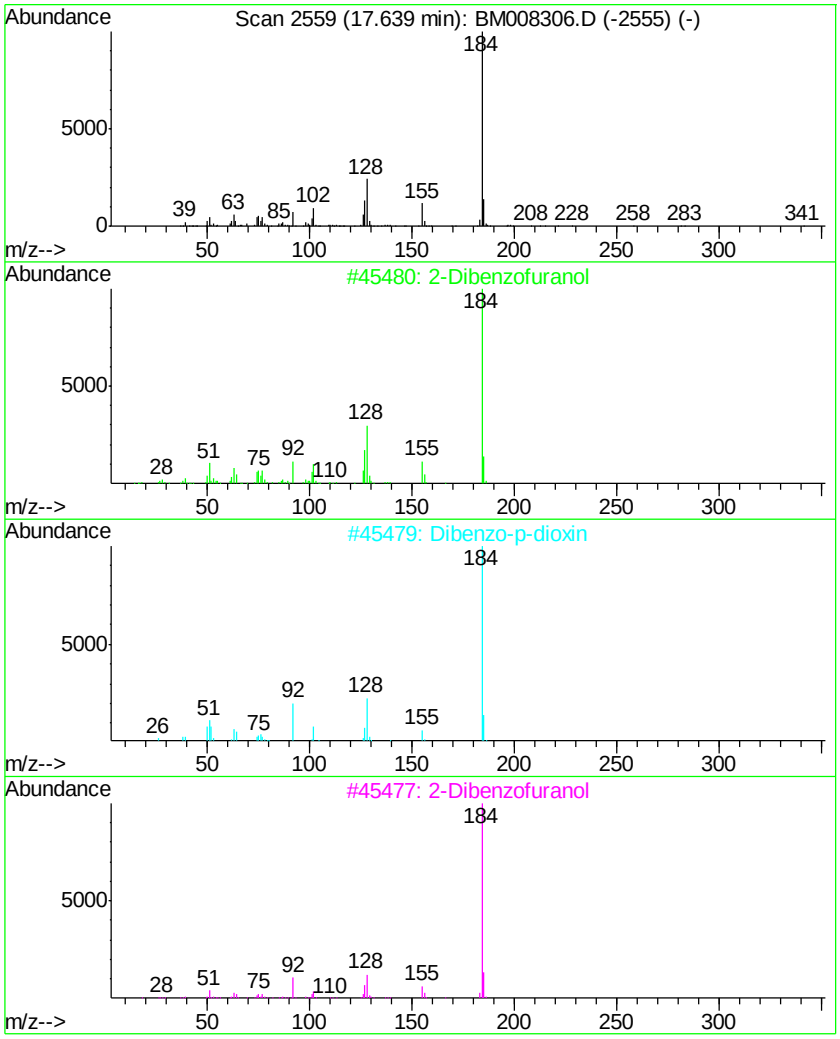
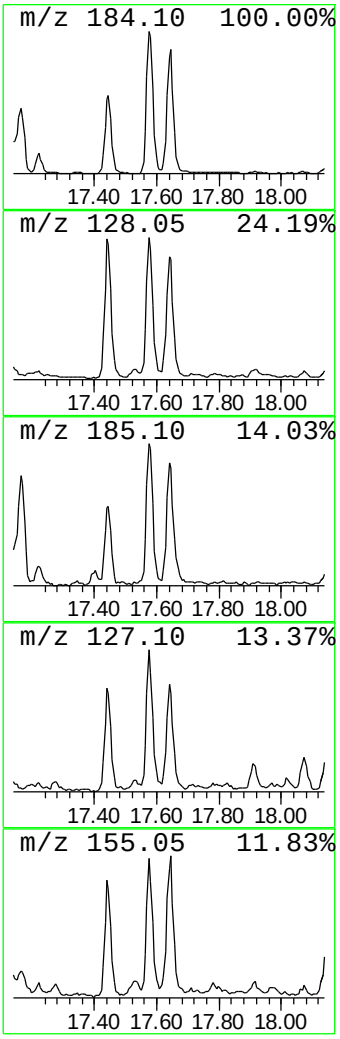
Peak Number 26 2-Dibenzofuranol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	9.91 ng/ul	781228	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	83





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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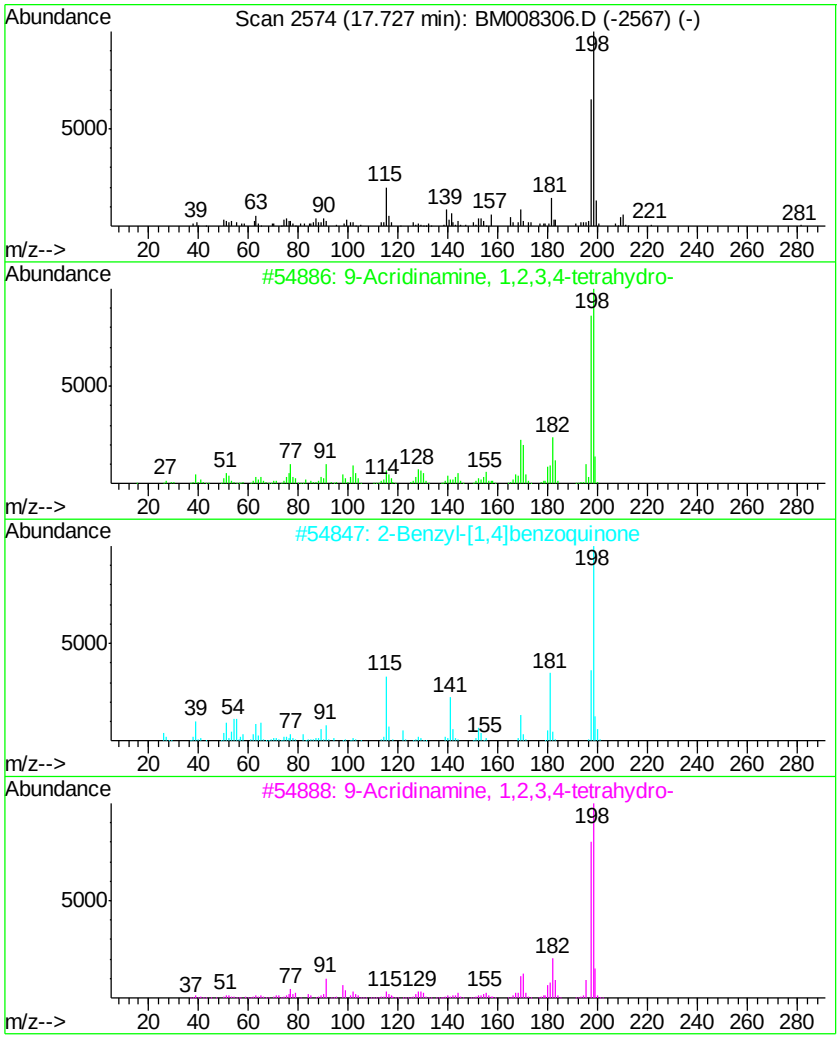
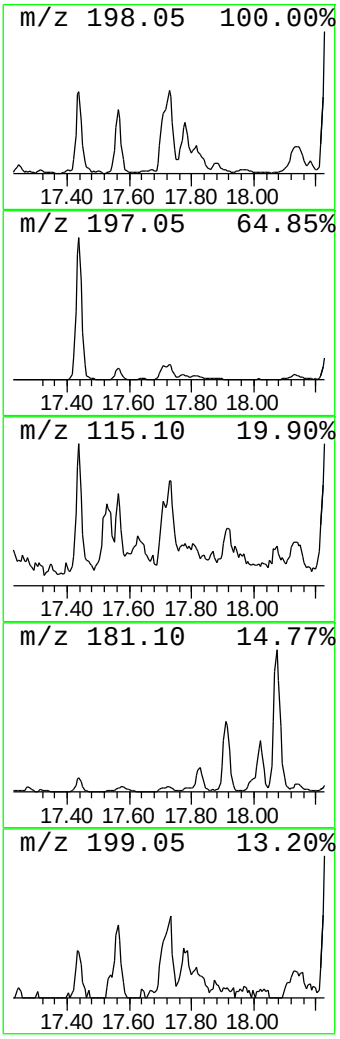
Peak Number 27 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.98 ng/ul	313556	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
2	2-Benzyl-[1,4]benzoquinone	198	C13H10O2	038940-10-2	64
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	59
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	53





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Misc :
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Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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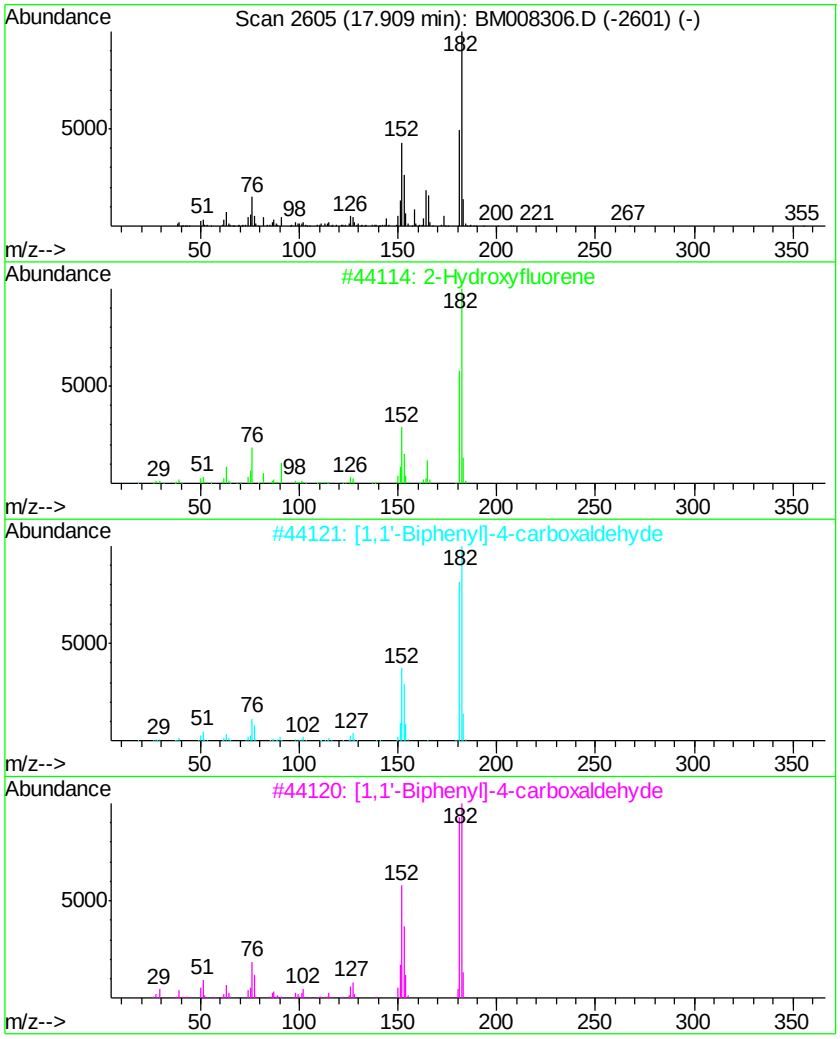
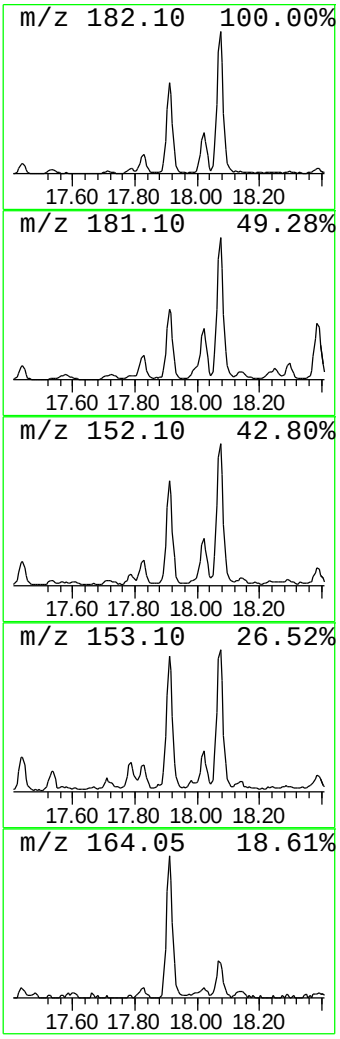
Peak Number 28 2-Hydroxyfluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	8.91 ng/ul	702236	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
4	4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	53
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	49





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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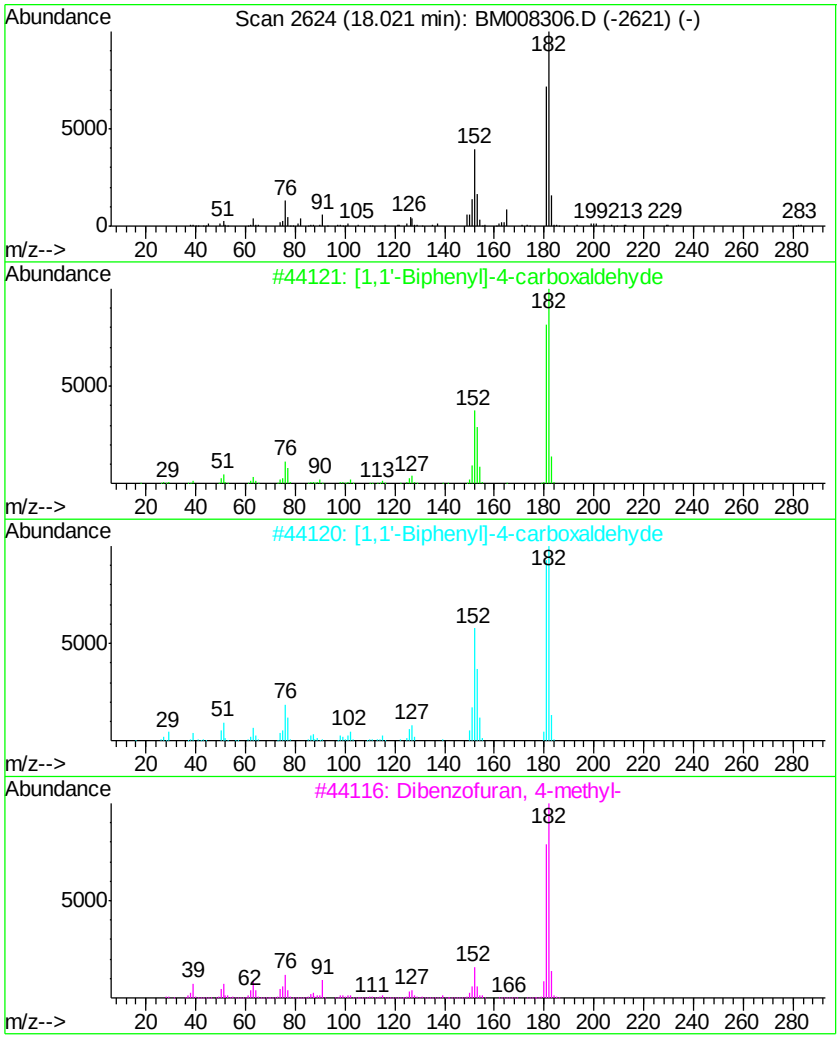
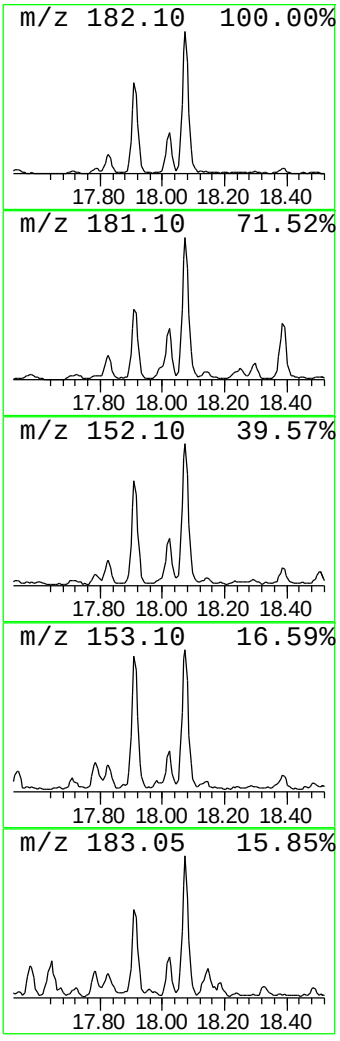
Peak Number 29 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.59 ng/ul	204315	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	80
5	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	64





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Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

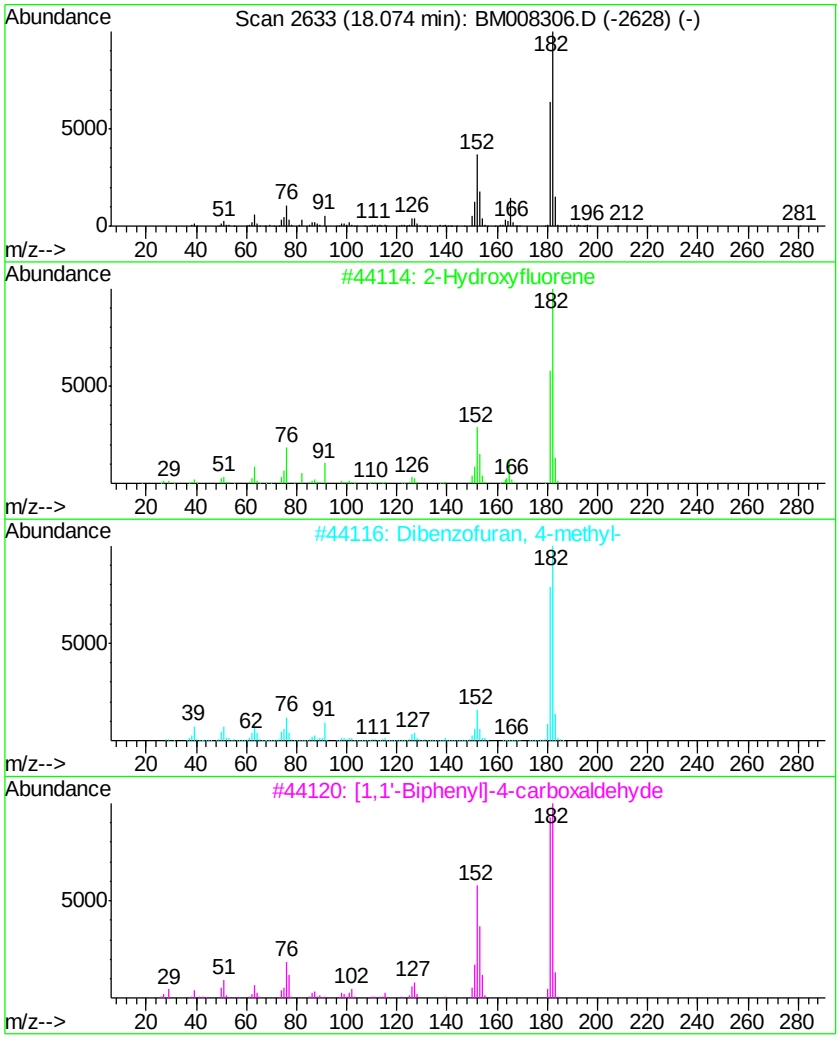
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

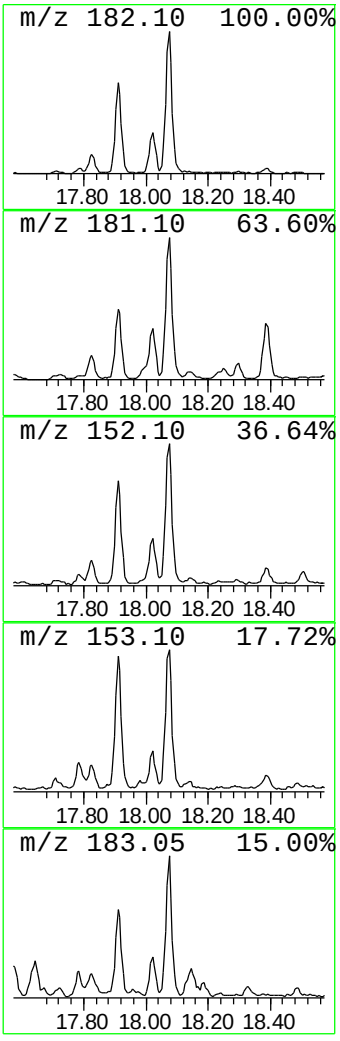
****

Peak Number 30 2-Hydroxyfluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	10.81 ng/ul	852003	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	95
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52





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Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

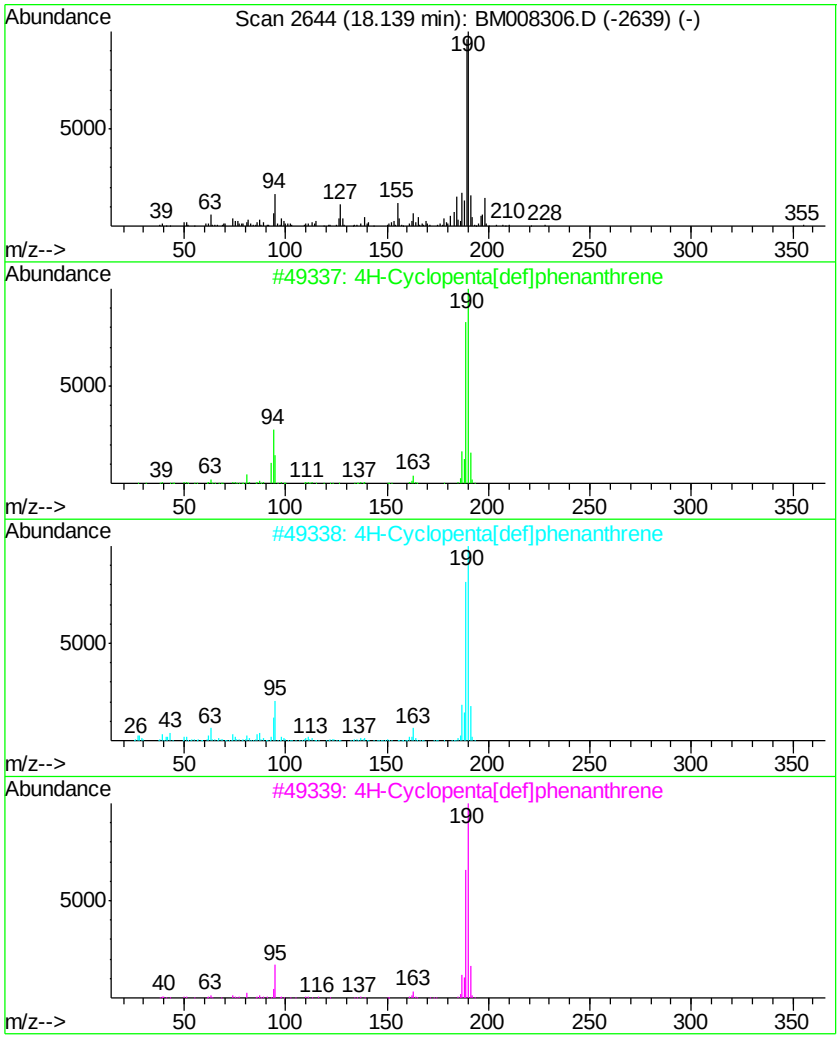
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

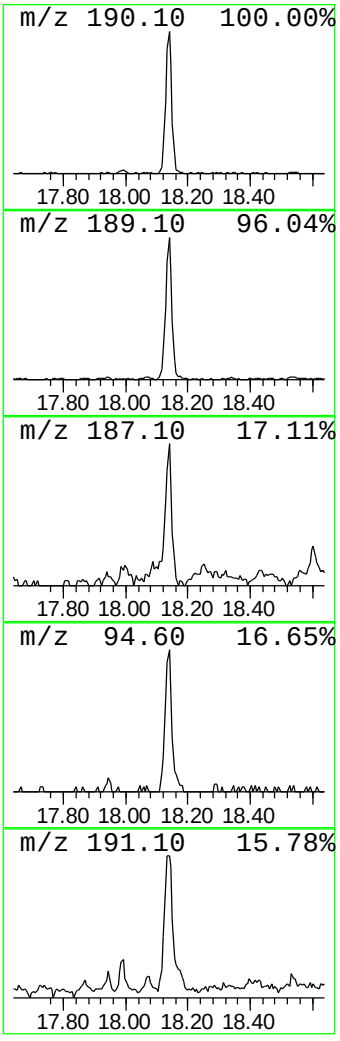
****

Peak Number 31 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.18 ng/ul	408730	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53





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ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

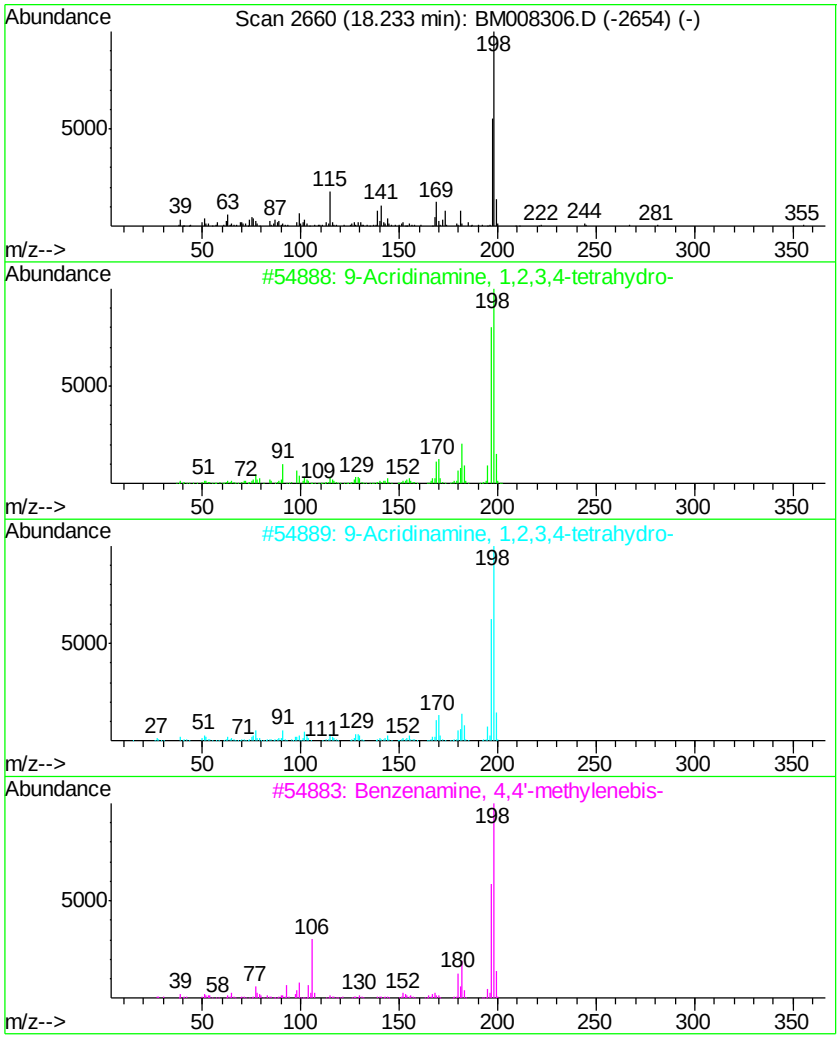
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

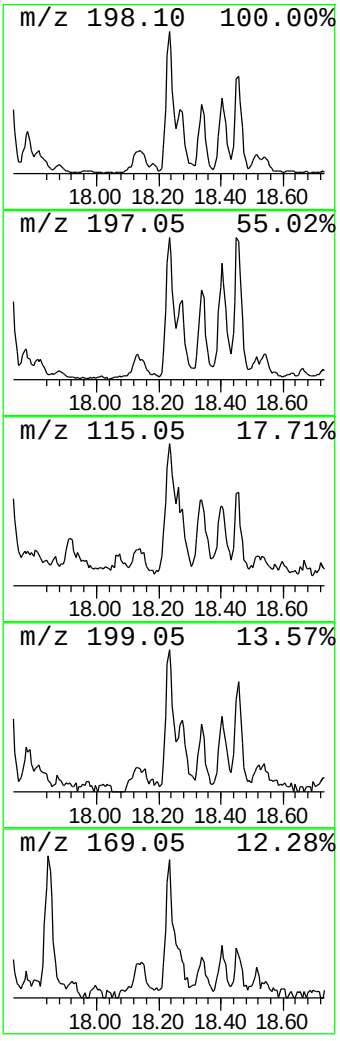
****

Peak Number 32 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	9.88 ng/ul	778800	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	80
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5	9H-Pyrido[3,4-b]indol-7-ol, 1-me...	198	C12H10N2O	000487-03-6	58





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Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

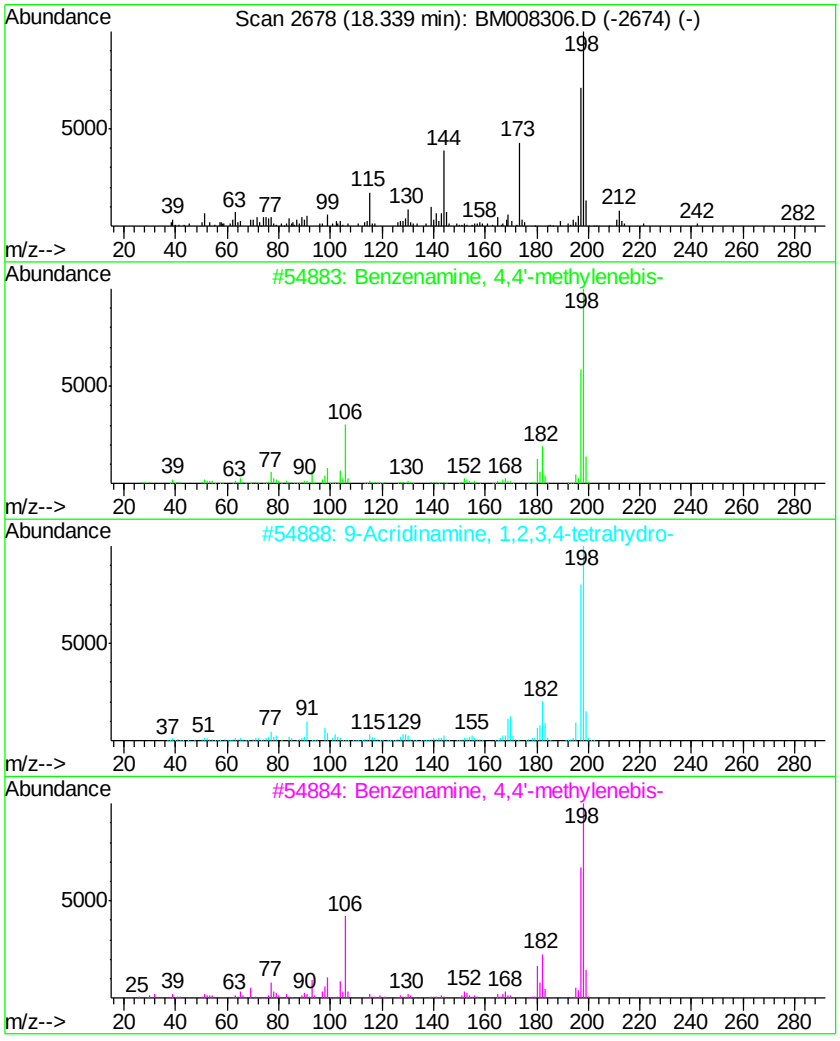
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

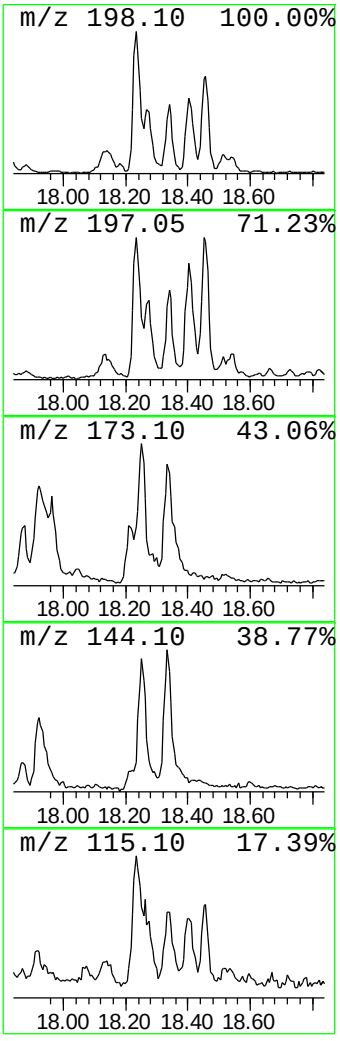
****

Peak Number 33 Benzenamine, 4,4'-methylene... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.17 ng/ul	250298	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	46
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	43
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	43
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	43
5	9H-Pyrido[3,4-b]indol-7-ol, 1-me...	198	C12H10N2O	000487-03-6	38





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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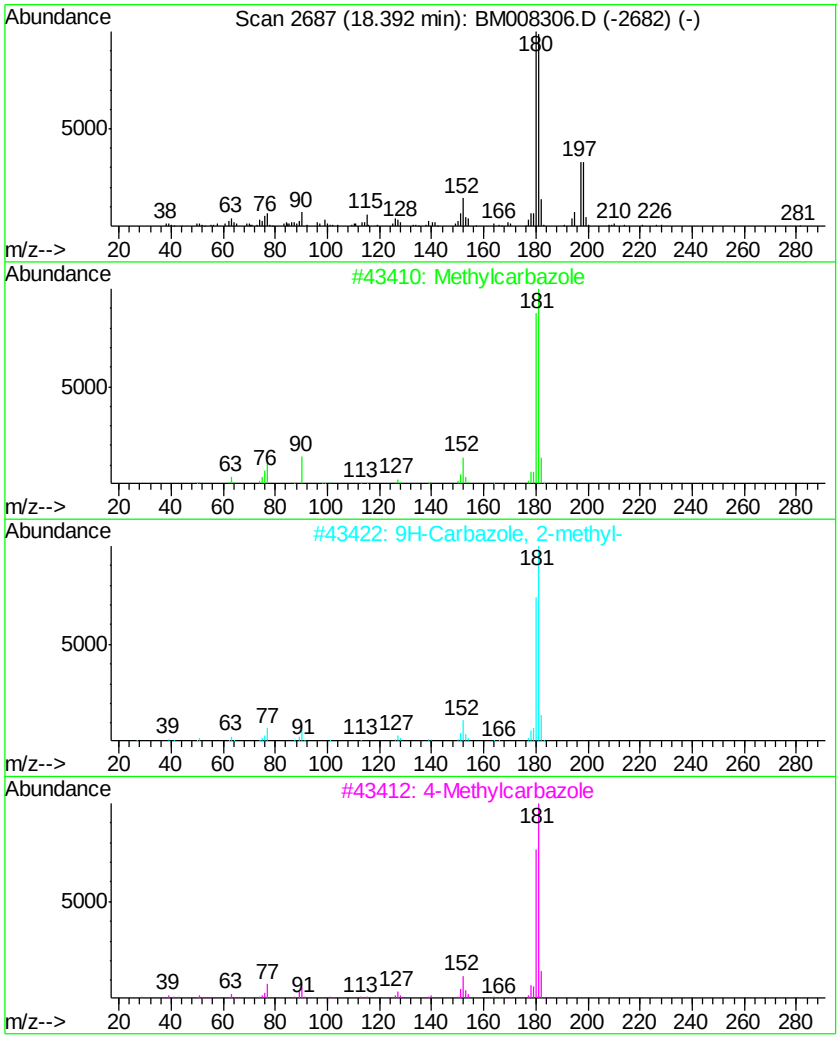
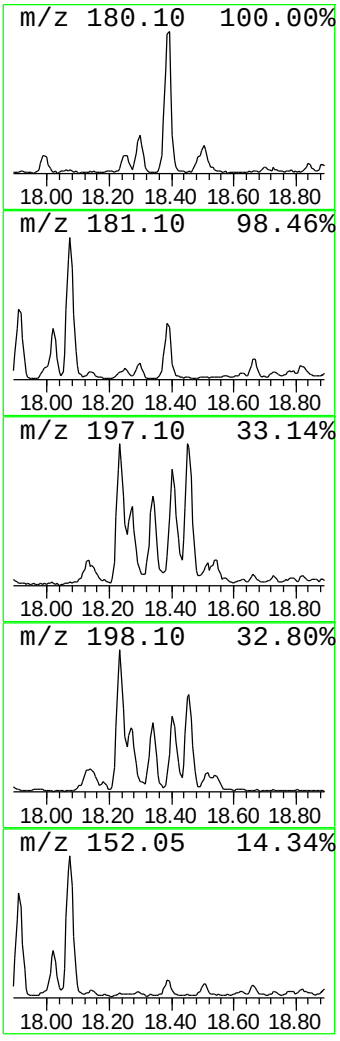
Peak Number 34 Methylcarbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.83 ng/ul	381139	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylcarbazole	181	C13H11N	027323-29-1	94
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91
3	4-Methylcarbazole	181	C13H11N	003770-48-7	89
4	3-Methylcarbazole	181	C13H11N	004630-20-0	89
5	3-Methylcarbazole	181	C13H11N	004630-20-0	76





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Acq On : 14 Dec 2016 12:54
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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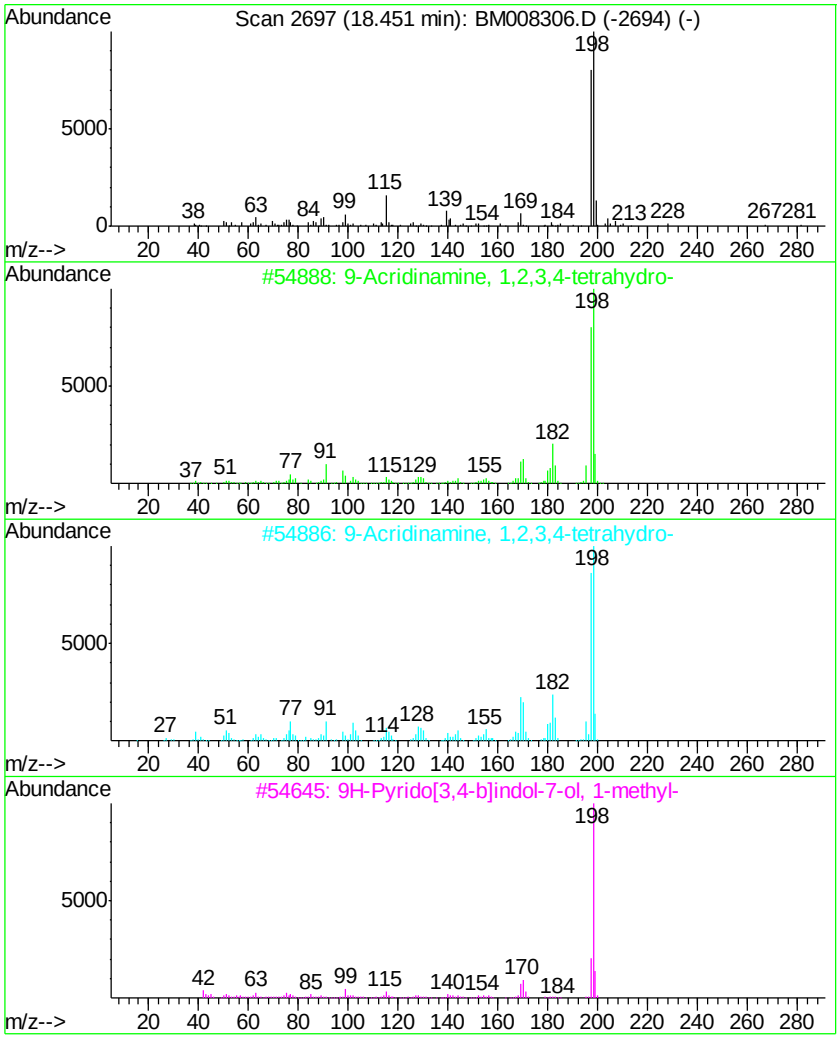
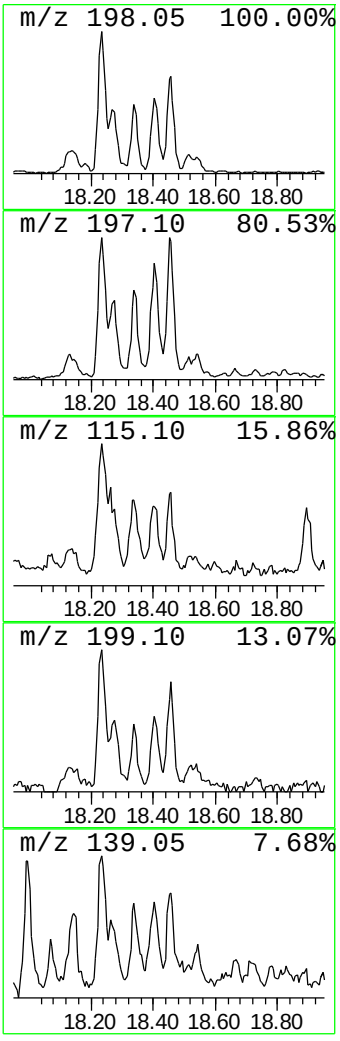
Peak Number 35 9-Acridinamine, 1,2,3,4-tet... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	2.27 ng/ul	179118	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
2	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	50
3	9H-Pyrido[3,4-b]indol-7-ol, 1-me...	198	C12H10N2O	000487-03-6	45
4	9H-Pyrido[3,4-b]indol-7-ol, 1-me...	198	C12H10N2O	000487-03-6	43
5	trans-3a-cis-9a-1,2,3,3a,8,9,9a,...	198	C15H18	091110-19-9	43





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Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

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Quant Title : SVOA CALIBRATION

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

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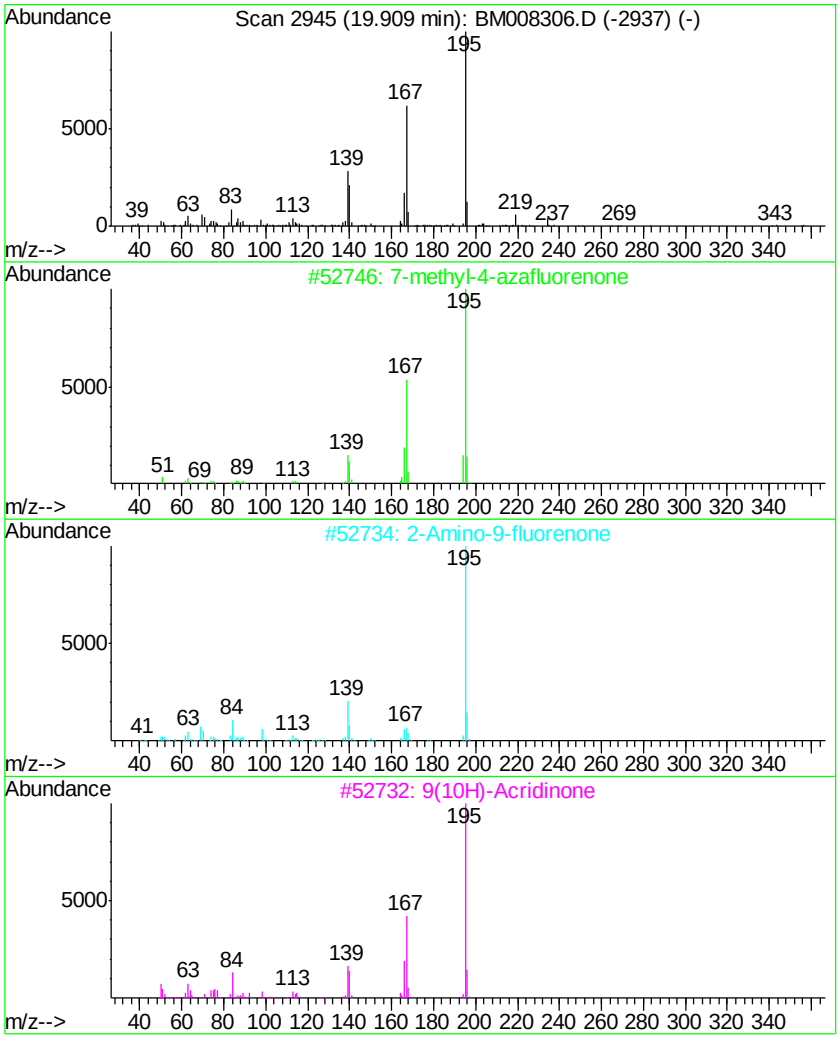
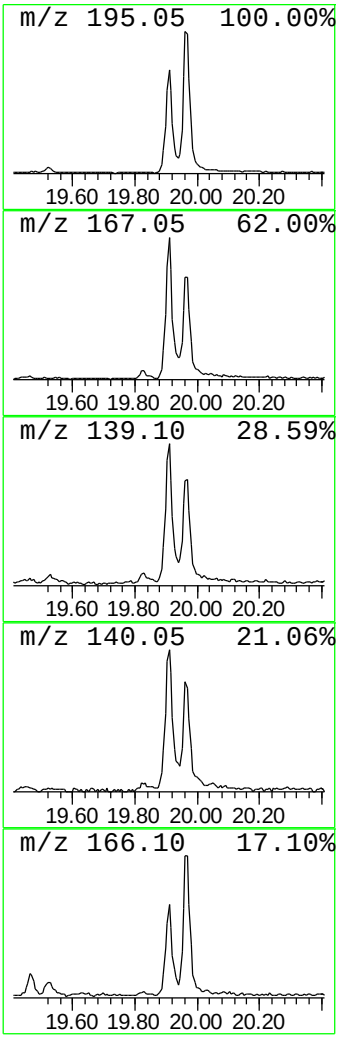
Peak Number 36 7-methyl-4-azafluorenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	6.12 ng/ul	691679	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	81
2	2-Amino-9-fluorenone	195	C13H9NO	003096-57-9	70
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	70
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	62
5	Dibenz[b,f]][1,4]oxazepine	195	C13H9NO	000257-07-8	62





Library Search Compound Report

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Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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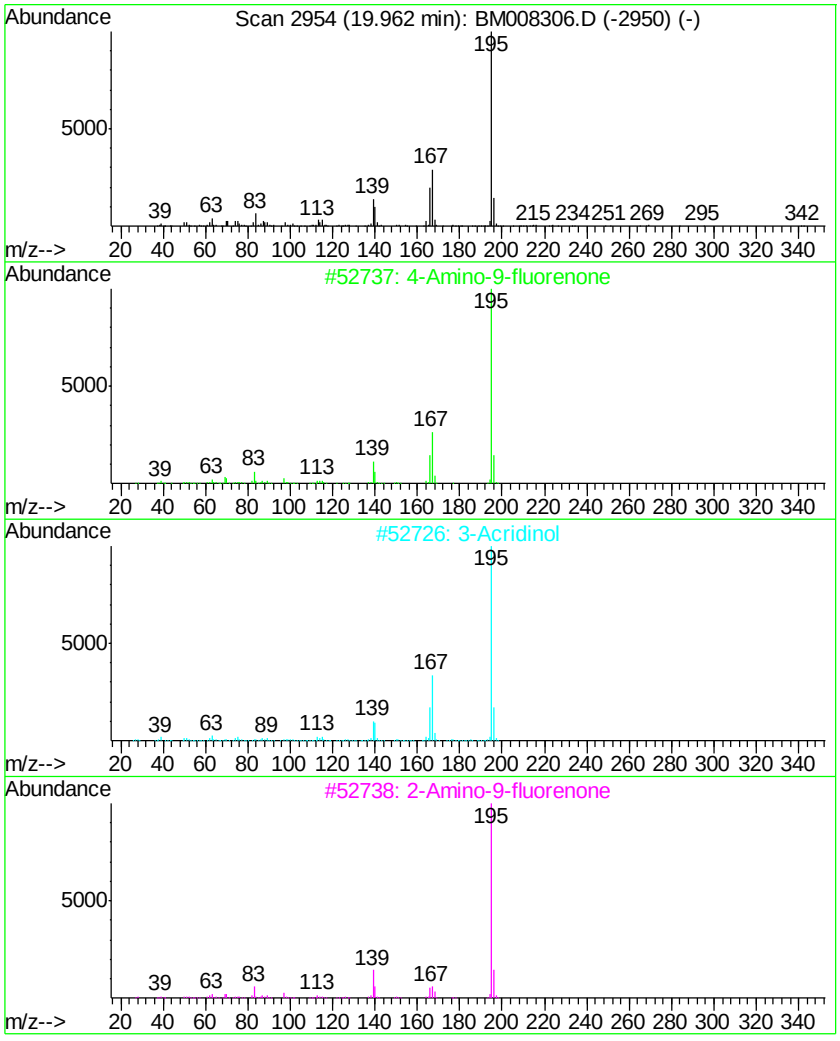
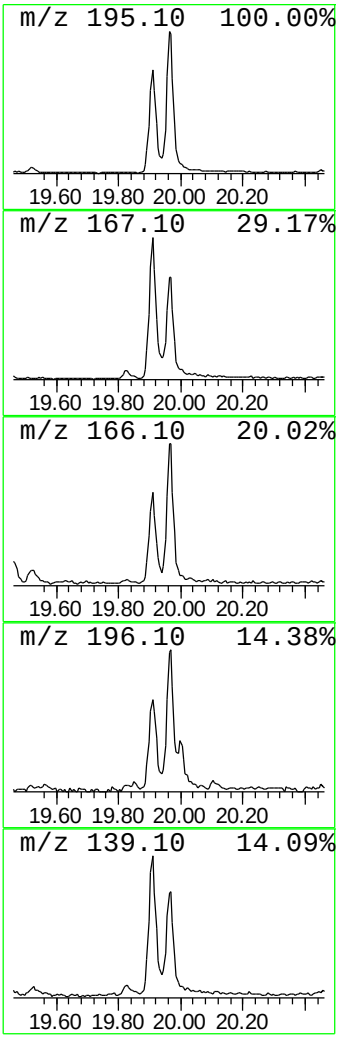
Peak Number 37 4-Amino-9-fluorenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	5.02 ng/ul	567589	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94
2	3-Acridinol	195	C13H9NO	007132-70-9	94
3	2-Amino-9-fluorenone	195	C13H9NO	003096-57-9	93
4	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	91
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	91





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Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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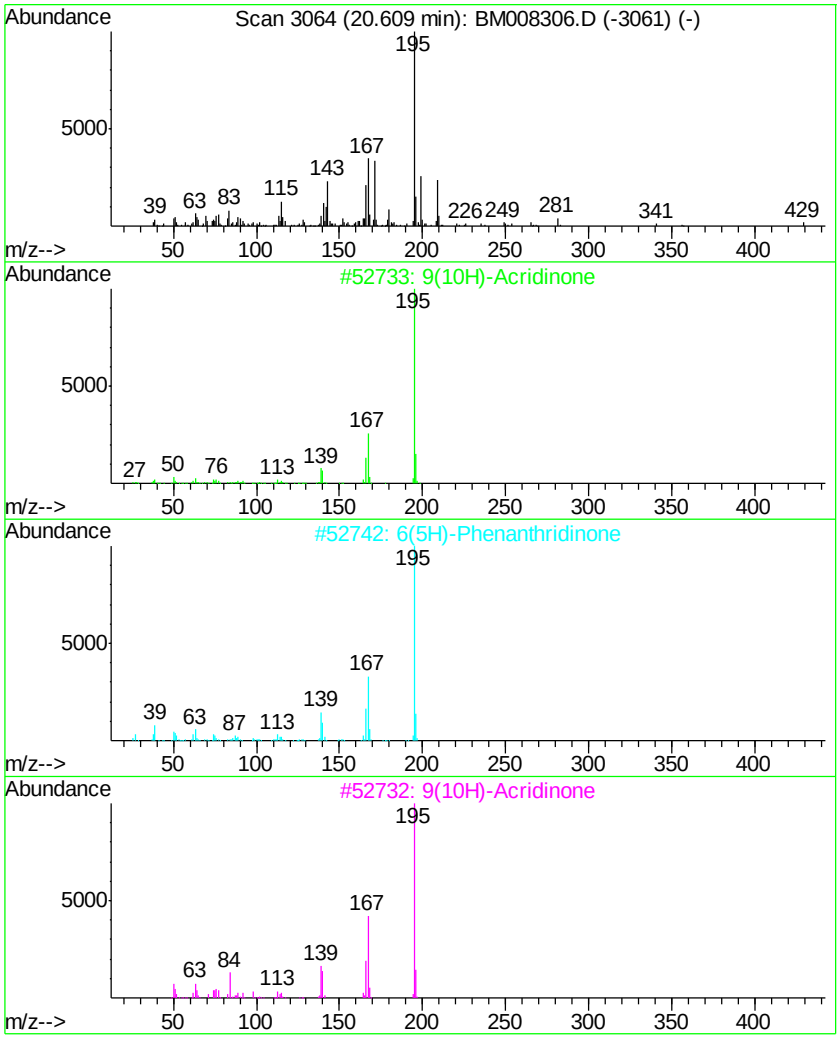
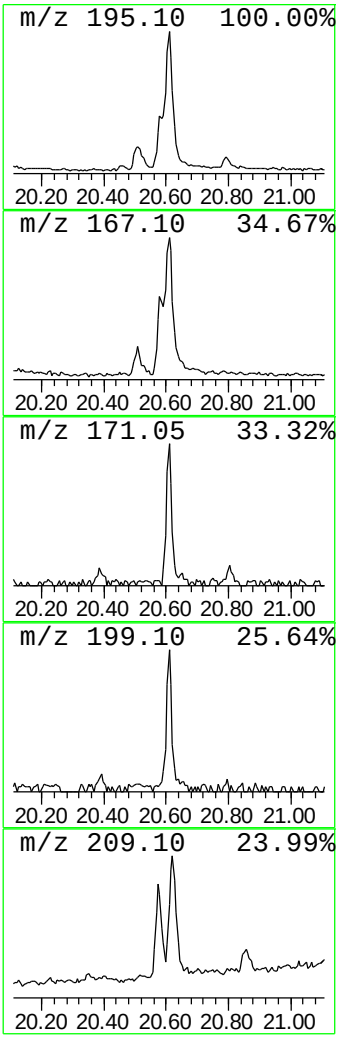
Peak Number 38 9(10H)-Acridinone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	4.16 ng/ul	470618	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	91
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	90
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	78
4	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	60
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	60





Tentatively Identified Compound (LSC) summary

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Data File : BM008306.D
Acq On : 14 Dec 2016 12:54
Operator : UM/SJ
Sample : H5976-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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
Indane	8.03	12.6	ng/ul	440375	1	7.67	699488	20.0
Benzofuran, 7-met...	9.01	4.1	ng/ul	144011	1	7.67	699488	20.0
Benzene, 1-etheny...	9.84	17.7	ng/ul	866073	2	10.45	977310	20.0
3(2H)-Benzofuranone	10.83	4.3	ng/ul	209930	2	10.45	977310	20.0
1,3,5,7-Cycloocta...	11.05	3.0	ng/ul	146312	2	10.45	977310	20.0
Benzo[b]thiophene...	11.56	3.9	ng/ul	191467	2	10.45	977310	20.0
1H-Inden-1-one, 2...	11.86	6.2	ng/ul	303165	2	10.45	977310	20.0
Benzo[b]thiophene...	12.01	5.1	ng/ul	249370	2	10.45	977310	20.0
Naphthalene, 1-me...	12.34	6.6	ng/ul	321232	2	10.45	977310	20.0
Naphthalene, 1,3-...	13.63	2.9	ng/ul	206821	3	14.31	1429270	20.0
Naphthalene, 1,4-...	13.86	2.6	ng/ul	183601	3	14.31	1429270	20.0
9H-Fluorene, 9-me...	15.52	3.6	ng/ul	259711	3	14.31	1429270	20.0
Benzene, [1-(2,4-...	15.57	2.1	ng/ul	147149	3	14.31	1429270	20.0
Dibenzofuran, 4-m...	15.66	3.1	ng/ul	221668	3	14.31	1429270	20.0
1-Naphthalenol, 4...	15.77	2.0	ng/ul	157908	4	17.06	1576840	20.0
9H-Fluoren-9-ol	15.81	5.8	ng/ul	454765	4	17.06	1576840	20.0
1(2H)-Acenaphthyl...	16.05	9.5	ng/ul	748631	4	17.06	1576840	20.0
Anthracene, 9,10-...	16.16	3.1	ng/ul	242067	4	17.06	1576840	20.0
9H-Fluorene, 3-me...	16.37	3.0	ng/ul	236702	4	17.06	1576840	20.0
9H-Fluoren-9-ol	16.70	5.5	ng/ul	433645	4	17.06	1576840	20.0
2-Dibenzofuranol	16.86	3.6	ng/ul	281172	4	17.06	1576840	20.0
o-Hydroxybiphenyl	16.99	4.1	ng/ul	321824	4	17.06	1576840	20.0
Phenol, 4-(1-meth...	17.44	19.7	ng/ul	1555110	4	17.06	1576840	20.0
2,3-Dimethylquino...	17.53	4.5	ng/ul	353884	4	17.06	1576840	20.0
2-Dibenzofuranol	17.57	12.8	ng/ul	1005860	4	17.06	1576840	20.0
2-Dibenzofuranol	17.64	9.9	ng/ul	781228	4	17.06	1576840	20.0
9-Acridinamine, 1...	17.73	4.0	ng/ul	313556	4	17.06	1576840	20.0
2-Hydroxyfluorene	17.91	8.9	ng/ul	702236	4	17.06	1576840	20.0
[1,1'-Biphenyl]-4...	18.02	2.6	ng/ul	204315	4	17.06	1576840	20.0
2-Hydroxyfluorene	18.07	10.8	ng/ul	852003	4	17.06	1576840	20.0
4H-Cyclopenta[def...	18.14	5.2	ng/ul	408730	4	17.06	1576840	20.0
9-Acridinamine, 1...	18.23	9.9	ng/ul	778800	4	17.06	1576840	20.0
Benzenamine, 4,4'...	18.34	3.2	ng/ul	250298	4	17.06	1576840	20.0
Methylcarbazole	18.39	4.8	ng/ul	381139	4	17.06	1576840	20.0
9-Acridinamine, 1...	18.45	2.3	ng/ul	179118	4	17.06	1576840	20.0
7-methyl-4-azaflu...	19.91	6.1	ng/ul	691679	5	21.26	2261620	20.0
4-Amino-9-fluorenone	19.96	5.0	ng/ul	567589	5	21.26	2261620	20.0
9(10H)-Acridinone	20.61	4.2	ng/ul	470618	5	21.26	2261620	20.0