LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002667.D
Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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	3.728	122	126	134	rBV	105817	145553	2.01%	0.145%
2	4.828	308	313	322	rBV	161238	243645	3.36%	0.242%
3	6.846	649	656	670	rBV	599427	1070485	14.77%	1.065%
4	7.005	675	683	693	rBV	513900	789469	10.89%	0.786%
5	7.199	710	716	726	rBV	660218	1064209	14.68%	1.059%
6	7.663	787	795	802	rBV	745165	1201428	16.57%	1.196%
7	8.369	908	915	931	rBV	707694	1228011	16.94%	1.222%
8	8.810	983	990	999	rBV	633984	1048670	14.47%	1.044%
9	9.528	1104	1112	1122	rBV	524972	914478	12.62%	0.910%
10	10.063	1194	1203	1220	rBV	793340	1412285	19.48%	1.405%
11	10.434	1258	1266	1271	rBV	1072073	1857344	25.62%	1.848%
12	10.481	1271	1274	1282	rVB	97886	151414	2.09%	0.151%
13	10.575	1282	1290	1303	rBV	554275	1035727	14.29%	1.031%
14	12.098	1544	1549	1559	rBV	55862	89879	1.24%	0.089%
15	12.322	1581	1587	1593	rVB	52541	87242	1.20%	0.087%
16	13.616	1799	1807	1812	rBV	66262	119229	1.64%	0.119%
17	13.710	1817	1823	1827	rVV	1393606	2078472	28.67%	2.068%
18	13.757	1827	1831	1839	rVB	832261	1191472	16.44%	1.186%
19	13.987	1858	1870	1882	rBV	1683503	2643692	36.47%	2.631%
20	14.292	1913	1922	1929	rBV2	1549773	2445618	33.74%	2.434%
21	14.357	1929	1933	1942	rVB	279391	426116	5.88%	0.424%
22	14.528	1953	1962	1971	rBV	340092	697152	9.62%	0.694%
23	14.604	1971	1975	1982	rVB2	47509	79086	1.09%	0.079%
24	14.698	1982	1991	1995	rBV	164693	289018	3.99%	0.288%
25	15.098	2050	2059	2066	rBV2	55985	149737	2.07%	0.149%
26	15.292	2085	2092	2097	rBV	2159294	3071852	42.38%	3.057%
27	15.345	2097	2101	2106	rVB	317275	434908	6.00%	0.433%
28	15.434	2111	2116	2120	rBV	501388	737571	10.17%	0.734%
29	15.510	2126	2129	2135	rBV4	43821	81782	1.13%	0.081%
30	15.645	2147	2152	2160	rVB	109536	190490	2.63%	0.190%
31	15.792	2172	2177	2185	rVB	101446	211350	2.92%	0.210%
32	15.881	2185	2192	2198	rBV4	29239	86760	1.20%	0.086%
33	16.028	2213	2217	2223	rVB4	53592	92931	1.28%	0.092%
34	16.333	2262	2269	2270	rBV3	74835	137578	1.90%	0.137%

LSC Area Percent Report

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Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

35	16.351	2270	2272	2277	rVV2	95954	136676	1.89%	0.136%
36	16.398	2277	2280	2286	rVV2	58778	95771	1.32%	0.095%
37	16.504	2295	2298	2302	rVB2	56121	73868	1.02%	0.074%
38	16.581	2303	2311	2314	rBV3	76509	168984	2.33%	0.168%
39	16.622	2315	2318	2321	rVB3	56431	76063	1.05%	0.076%
40	16.704	2327	2332	2338	rVB	157666	242378	3.34%	0.241%
41	16.798	2338	2348	2355	rBV5	124923	384187	5.30%	0.382%
42	16.863	2355	2359	2364	rVV	183770	258559	3.57%	0.257%
43	17.045	2384	2390	2393	rBV	1765218	2599984	35.87%	2.587%
44	17.086	2393	2397	2402	rVV	3525479	5030315	69.39%	5.006%
45	17.145	2402	2407	2410	rVV	2223773	3195283	44.08%	3.180%
46	17.175	2410	2412	2418	rVV	792489	1013895	13.99%	1.009%
47	17.239	2419	2423	2428	rVB3	90663	157693	2.18%	0.157%
48	17.451	2450	2459	2463	rBV2	314951	598770	8.26%	0.596%
49	17.563	2474	2478	2483	rBV2	144054	215055	2.97%	0.214%
50	17.628	2485	2489	2494	rBV4	89963	144435	1.99%	0.144%
51	17.922	2534	2539	2542	rBV	532810	755230	10.42%	0.752%
52	17.969	2542	2547	2551	rVV	768048	1175055	16.21%	1.169%
53	18.016	2551	2555	2558	rVV	448422	591952	8.17%	0.589%
54	18.051	2558	2561	2566	rVV	271017	389237	5.37%	0.387%
55	18.116	2566	2572	2576	rVV2	862087	1618000	22.32%	1.610%
56	18.151	2576	2578	2584	rVB	422338	512810	7.07%	0.510%
57	18.422	2620	2624	2628	rBV	440067	571454	7.88%	0.569%
58	18.469	2628	2632	2638	rVB	323497	439340	6.06%	0.437%
59	18.675	2663	2667	2671	rVV2	154550	215169	2.97%	0.214%
60	18.722	2673	2675	2678	rVV	117239	114358	1.58%	0.114%
61	18.763	2679	2682	2686	rVB2	117401	144622	2.00%	0.144%
62	18.845	2691	2696	2700	rBV	285632	544062	7.51%	0.541%
63	18.986	2716	2720	2727	rBV2	308731	594641	8.20%	0.592%
64	19.110	2736	2741	2748	rVB	4654716	6592449	90.94%	6.560%
65	19.175	2750	2752	2755	rVV	140510	153404	2.12%	0.153%
66	19.210	2755	2758	2763	rVB2	160882	202250	2.79%	0.201%
67	19.445	2793	2798	2800	rBV2	2703593	3882036	53.55%	3.863%
68	19.480	2800	2804	2811	rVV	5117051	7248987	100.00%	7.213%
69	19.545	2812	2815	2822	rVB2	298577	512146	7.07%	0.510%
70	19.716	2841	2844	2850	rVB2	229373	344439	4.75%	0.343%
71	19.804	2854	2859	2865	rVV3	401742	827684	11.42%	0.824%

LSC Area Percent Report

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Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

72	19.892	2871	2874	2878	rBV	482038	570931	7.88%	0.568%
73	19.933	2878	2881	2882	rVV2	256383	261864	3.61%	0.261%
74	19.974	2885	2888	2892	rVB	689408	903725	12.47%	0.899%
75	20.074	2902	2905	2909	rVB	399006	444624	6.13%	0.442%
76	20.133	2912	2915	2918	rVB	495130	617973	8.52%	0.615%
77	20.274	2936	2939	2942	rBV	315742	391139	5.40%	0.389%
78	20.316	2943	2946	2950	rVB	474547	588745	8.12%	0.586%
79	20.380	2955	2957	2962	rVB3	238010	286822	3.96%	0.285%
80	20.727	3013	3016	3023	rVB	513545	728667	10.05%	0.725%
81	20.886	3039	3043	3046	rBV2	835769	1069441	14.75%	1.064%
82	20.927	3046	3050	3054	rVB	3483060	3909372	53.93%	3.890%
83	21.163	3086	3090	3095	rVB	2993647	3349138	46.20%	3.333%
84	21.233	3097	3102	3107	rVV2	2584489	4985767	68.78%	4.961%
85	21.280	3107	3110	3115	rVB	2118815	2682134	37.00%	2.669%
86	21.398	3128	3130	3136	rVB3	326875	397430	5.48%	0.395%
87	22.810	3364	3370	3375	rBV2	1278336	3175418	43.80%	3.160%
88	23.274	3445	3449	3453	rBV	769060	1314313	18.13%	1.308%
89	23.327	3454	3458	3461	rVV	1101659	1964065	27.09%	1.954%
90	23.368	3462	3465	3471	rVB	1317610	2197480	30.31%	2.187%
91	23.463	3477	3481	3486	rBV	782830	1327196	18.31%	1.321%

Sum of corrected areas: 100492138

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
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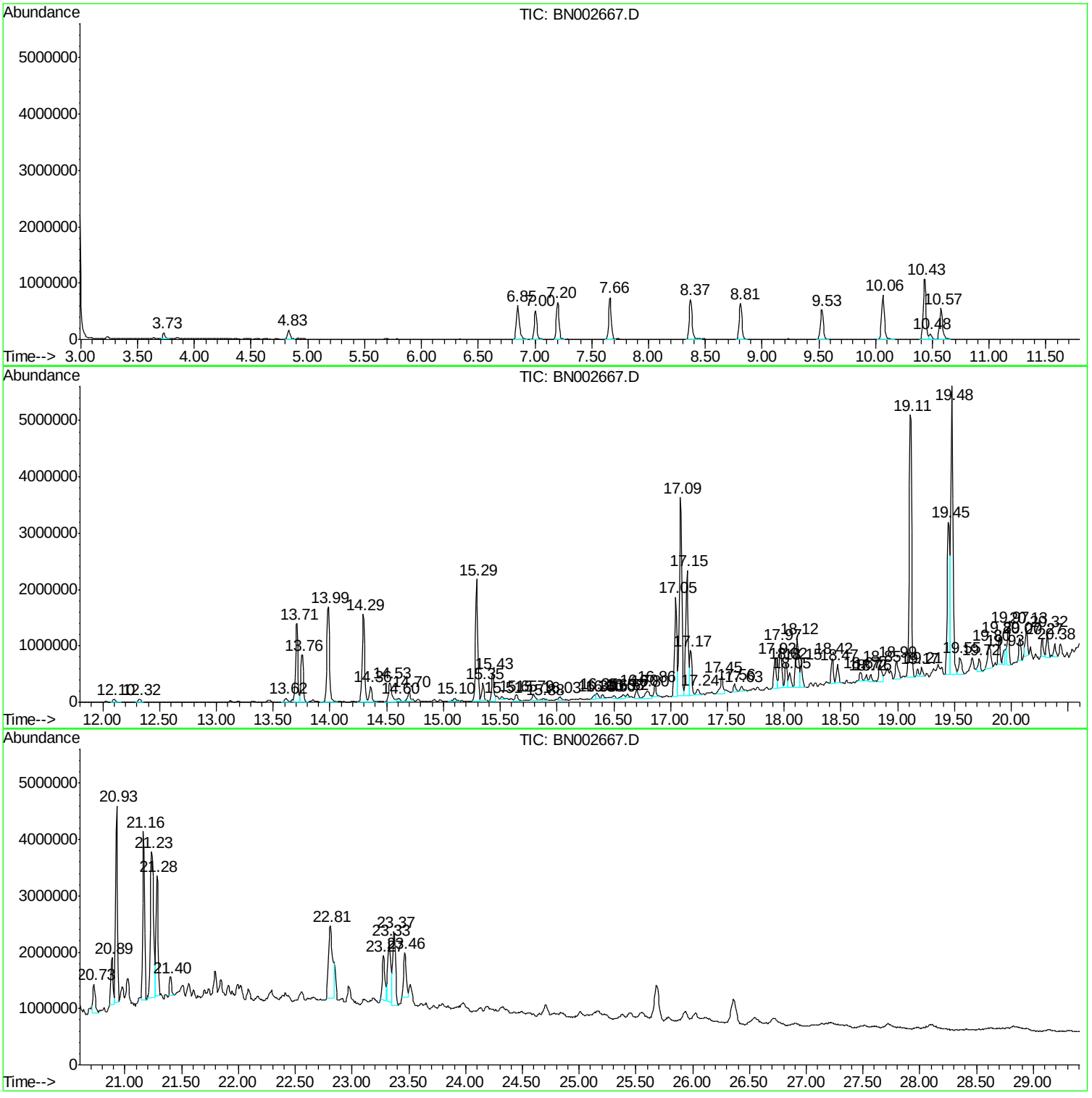
Operator : JU/SJ
Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002667.D
Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

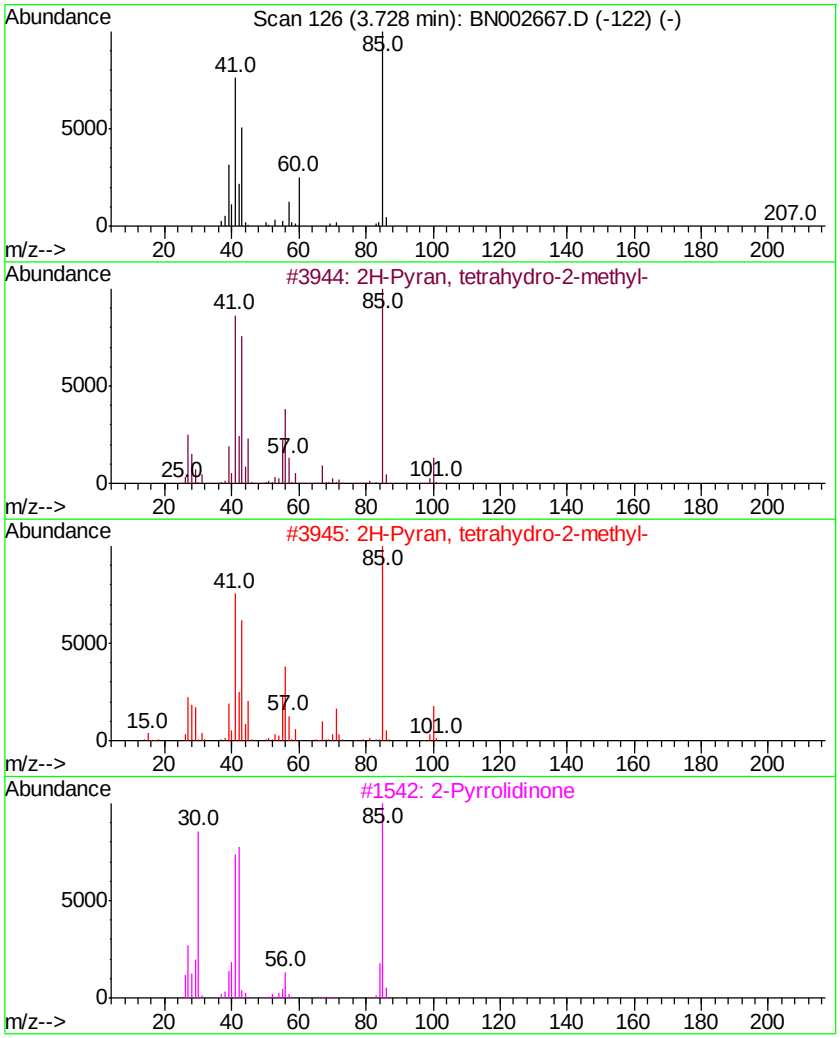
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

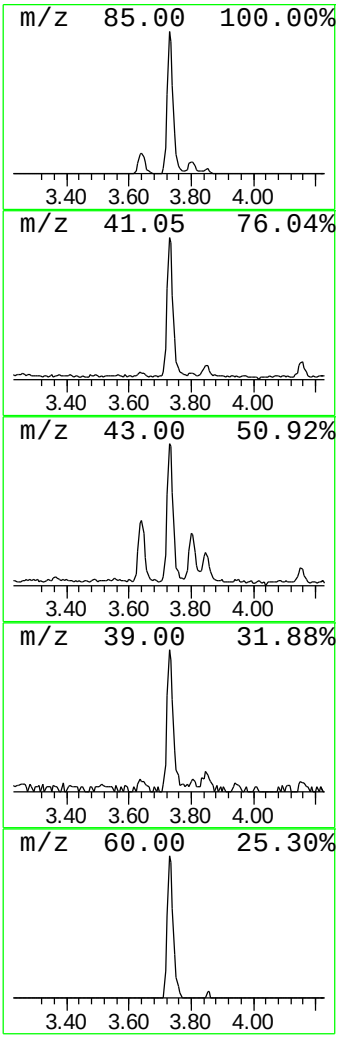
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.42 ng/ul	145553	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	38
5	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002667.D
Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

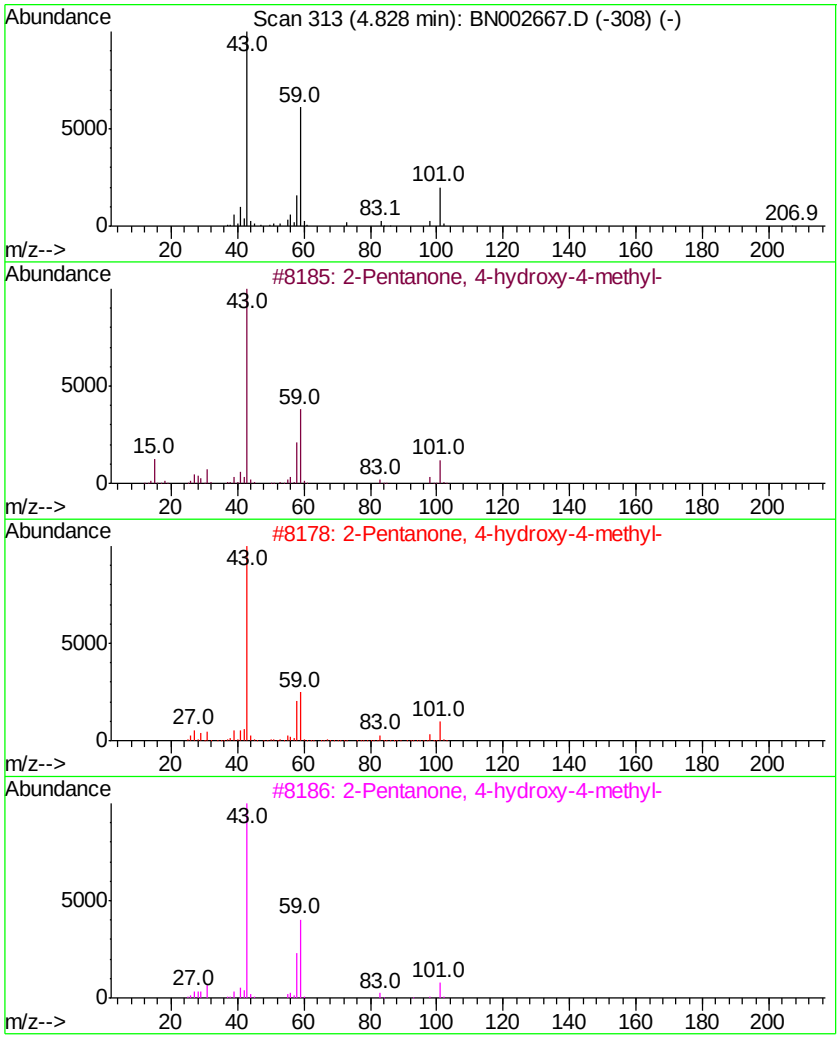
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

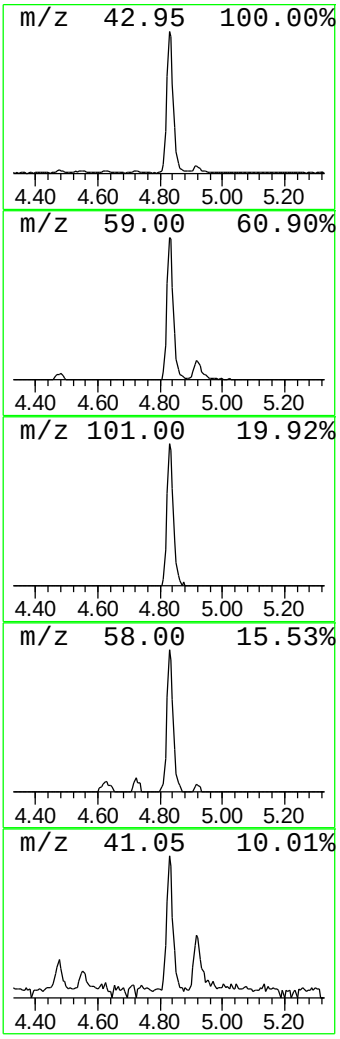
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	4.06 ng/ul	243645	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25





Library Search Compound Report

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Data File : BN002667.D
Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

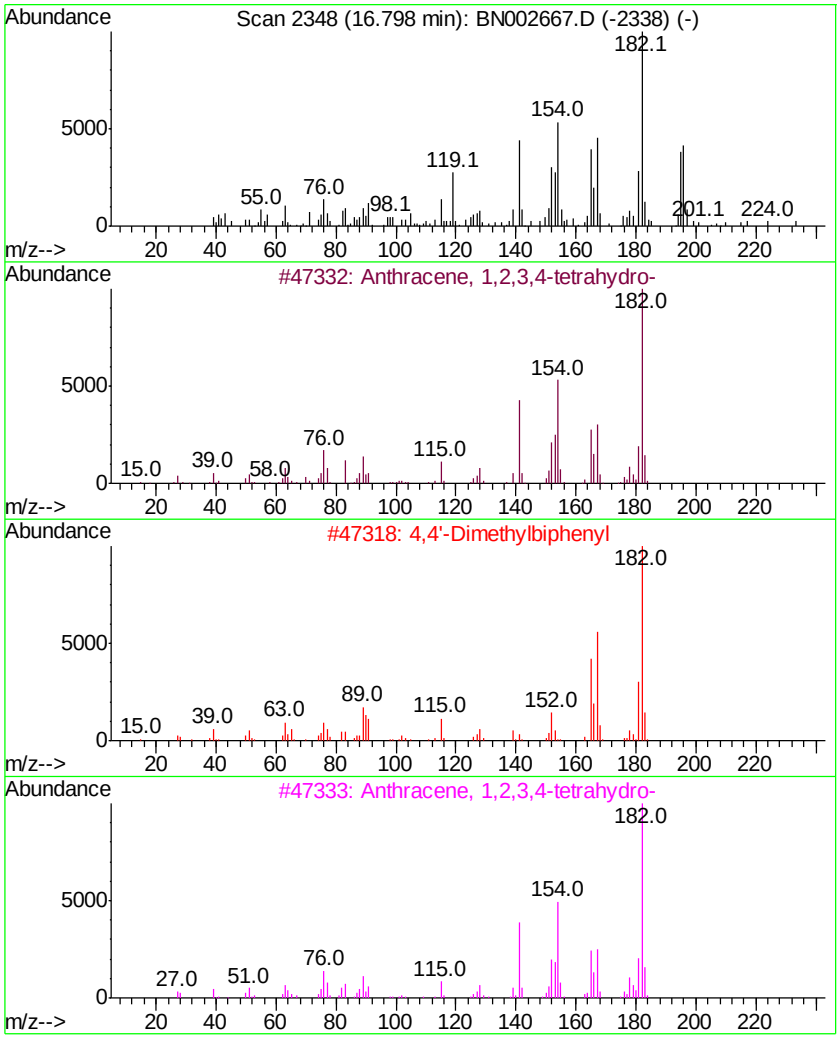
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

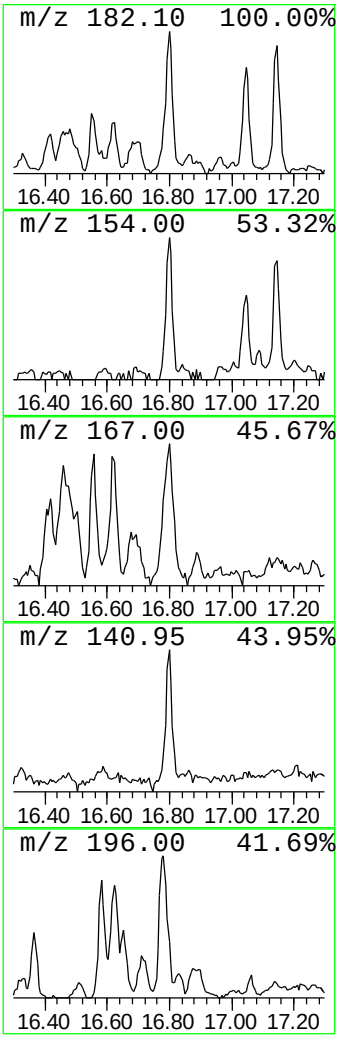
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.96 ng/ul	384187	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	92
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	50





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.81 ng/ul	755230	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
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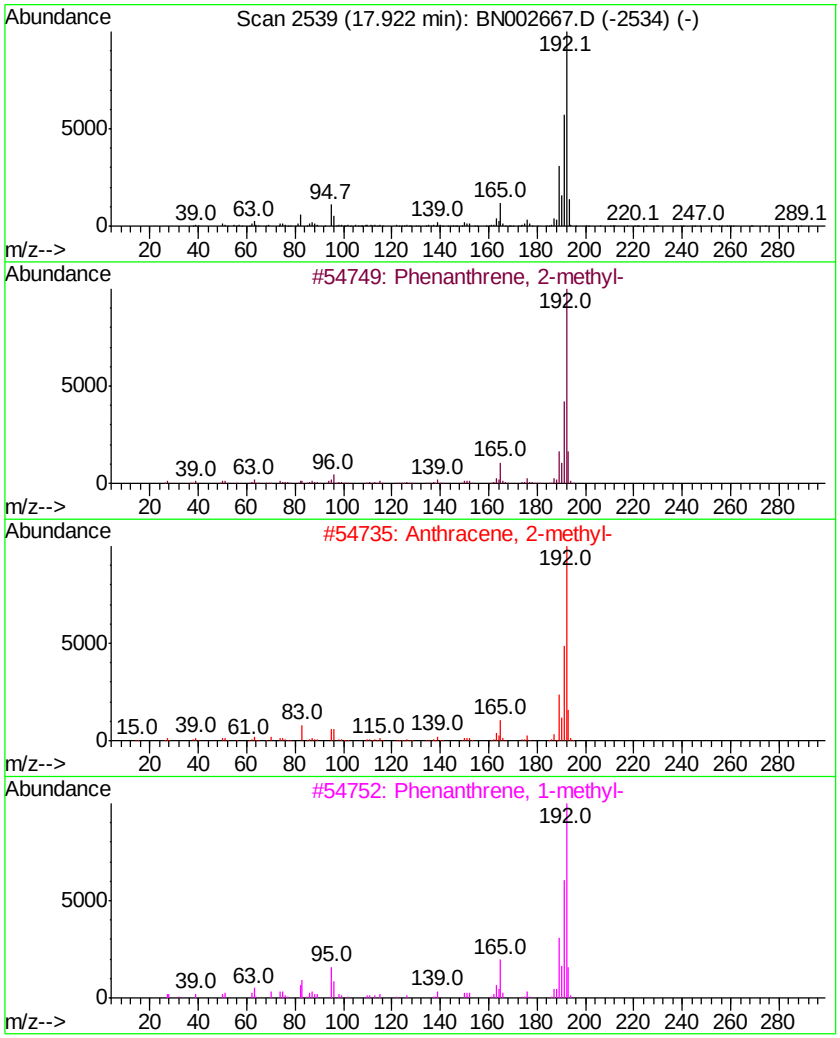

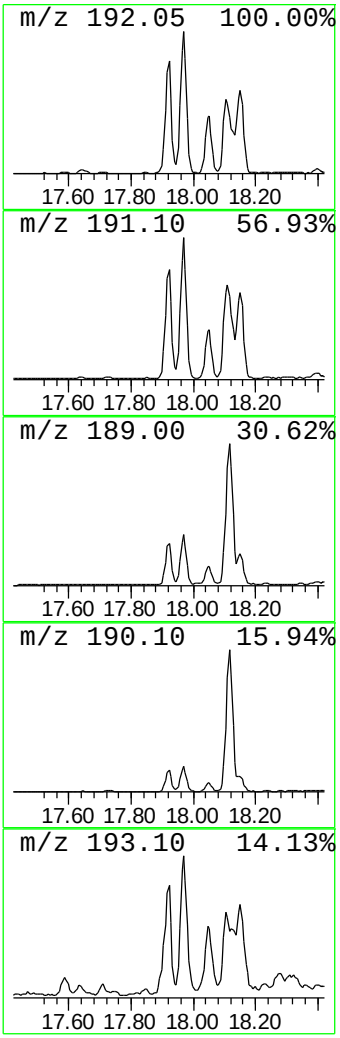

Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

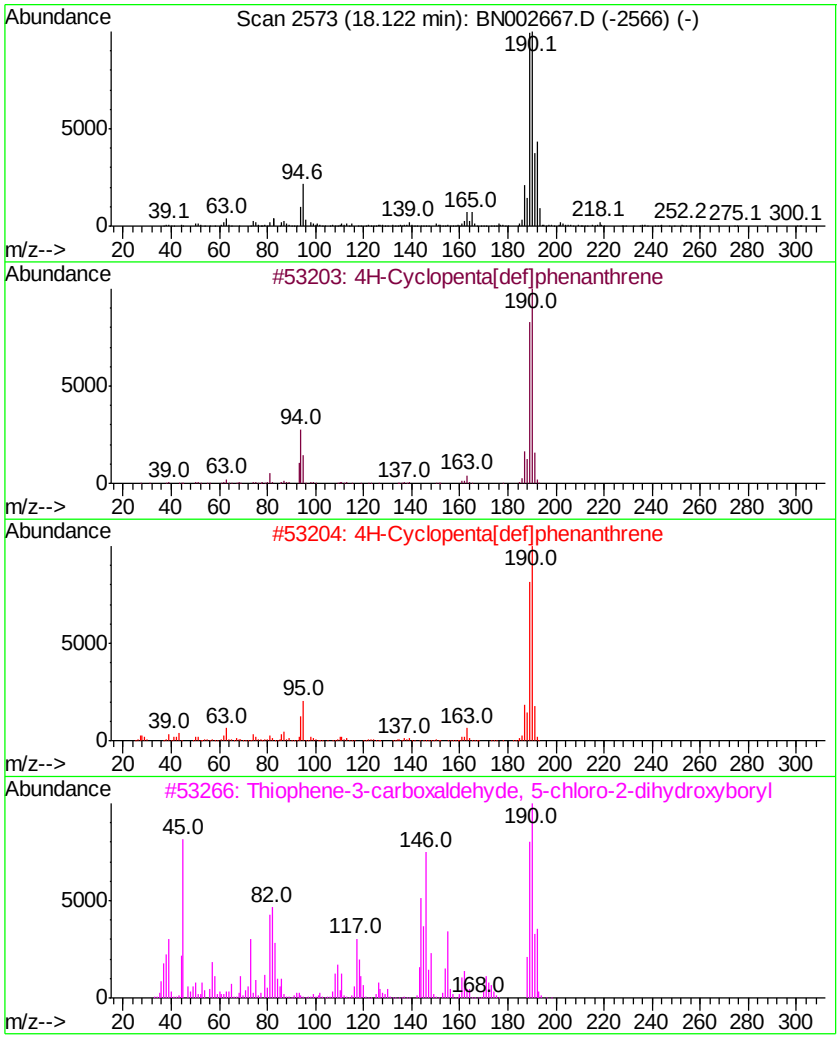
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

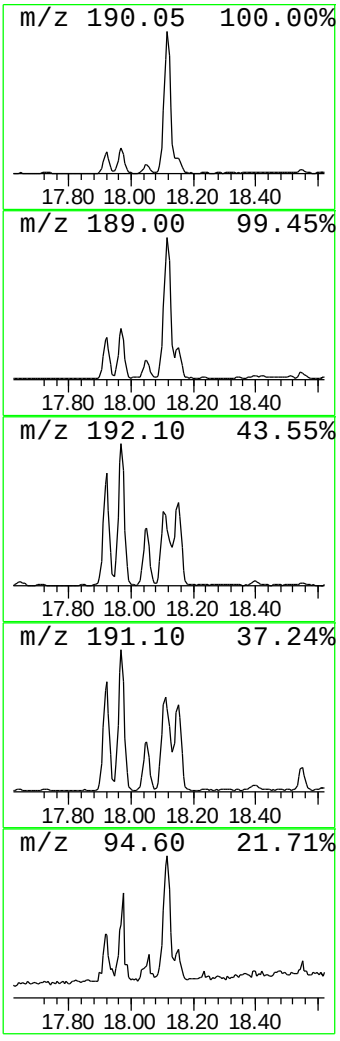
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	12.45 ng/ul	1618000	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Instrument : BNA_N
ClientSampleId : A3YZ1

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Quant Title : SVOA CALIBRATION

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

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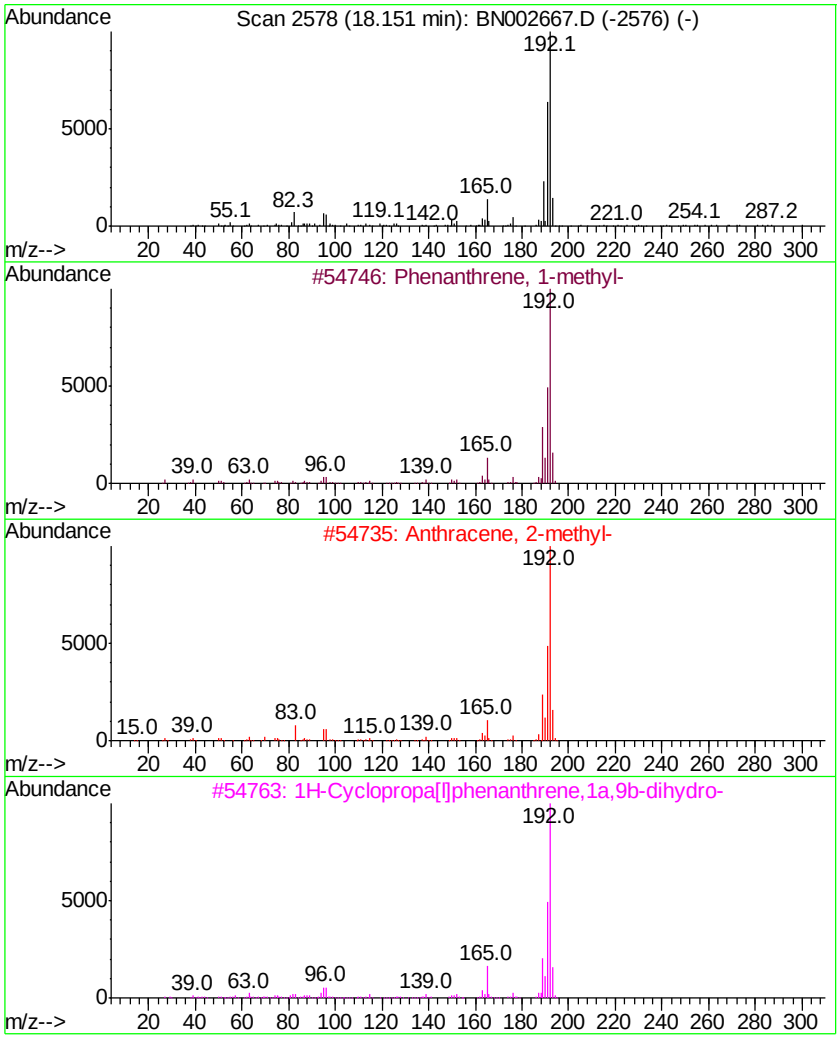
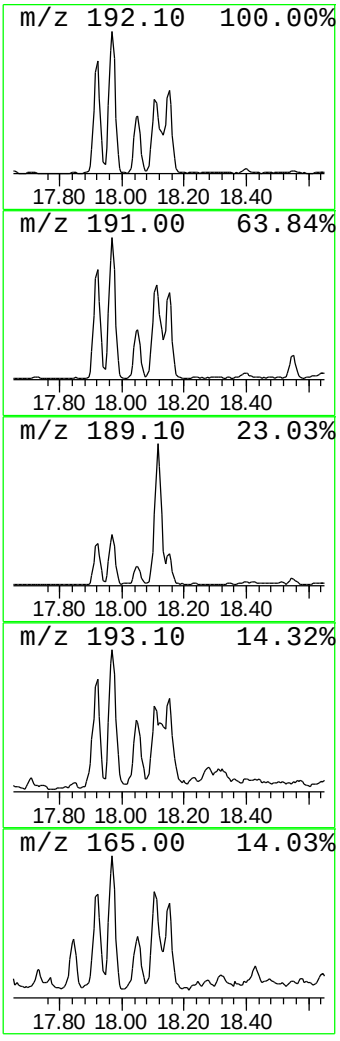
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.94 ng/ul	512810	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Sample : J4792-17
Misc :
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ClientSampleId : A3YZ1

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Quant Title : SVOA CALIBRATION

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

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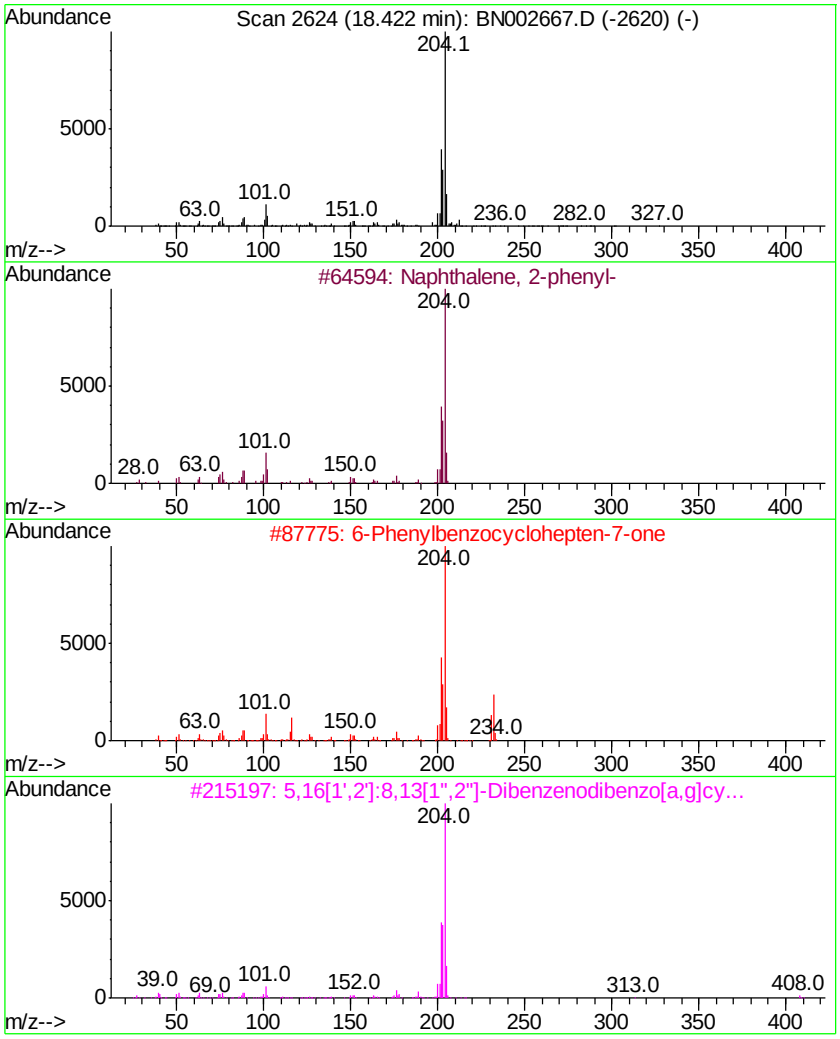
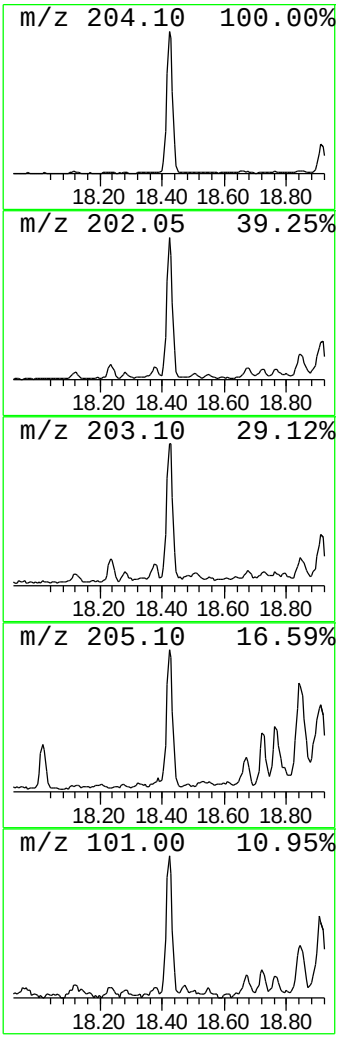
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.40 ng/ul	571454	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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ClientSampleId : A3YZ1

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Quant Title : SVOA CALIBRATION

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

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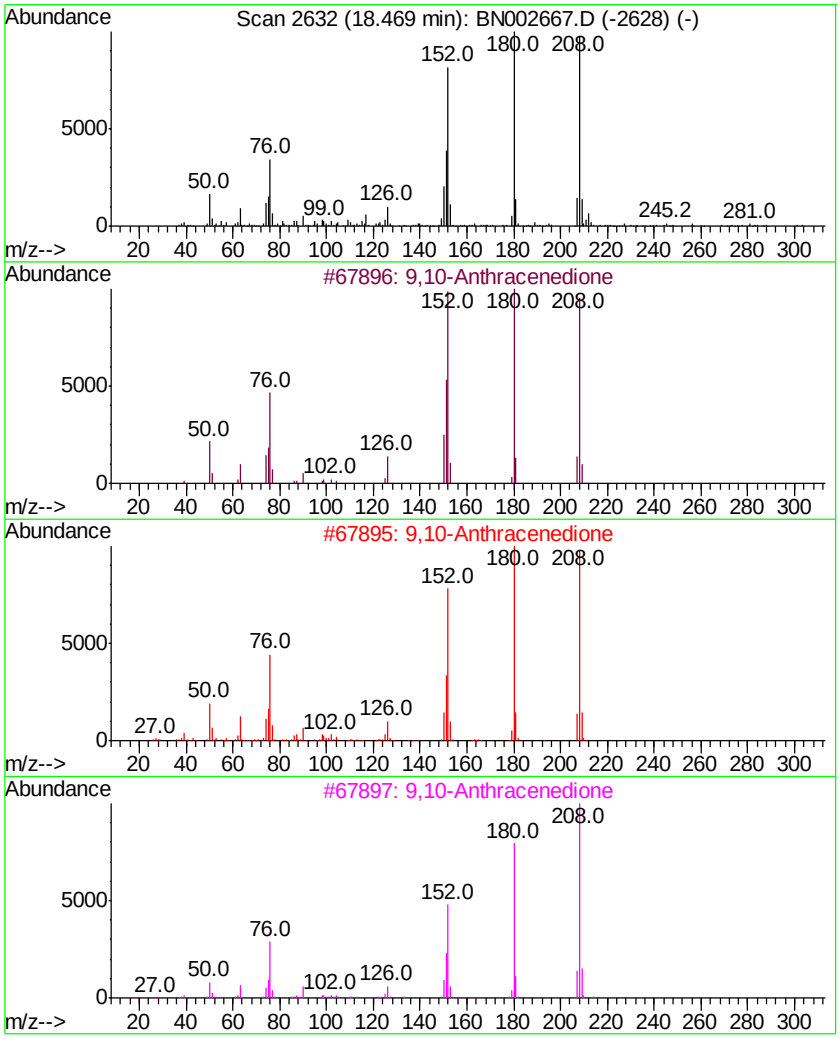
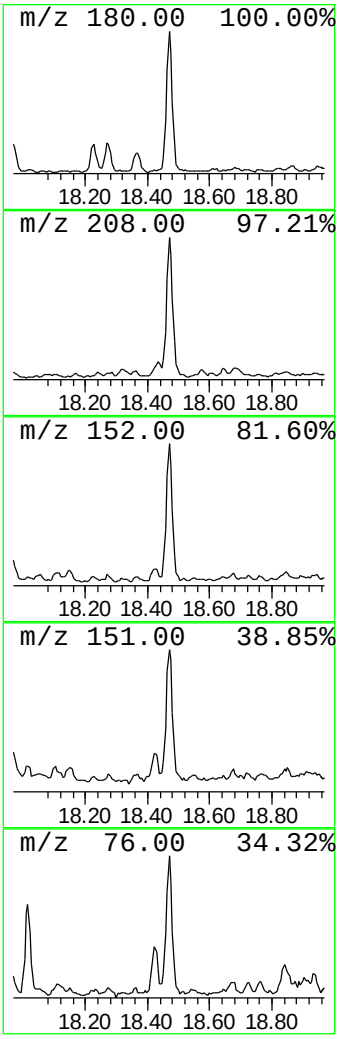
Peak Number 8 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.38 ng/ul	439340	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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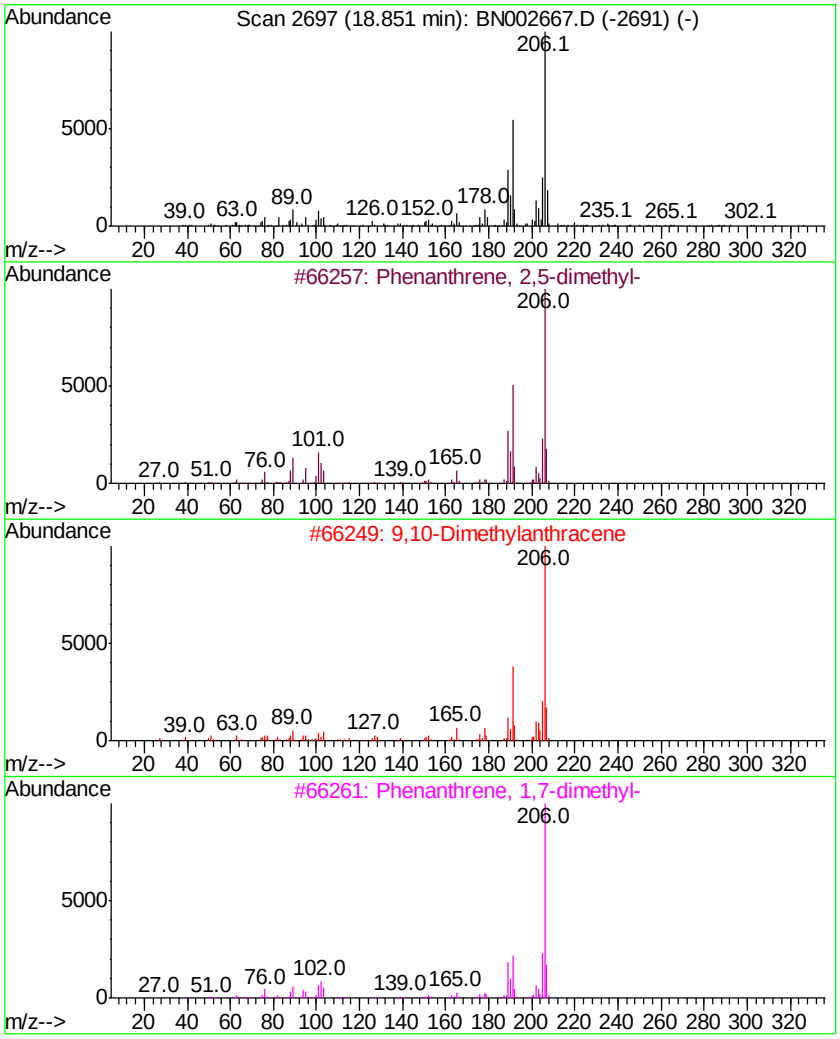
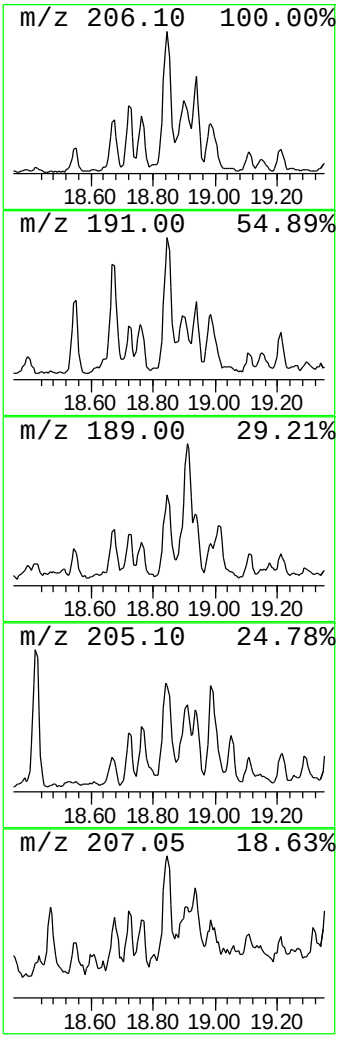
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.19 ng/ul	544062	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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ClientSampleId : A3YZ1

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Quant Title : SVOA CALIBRATION

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

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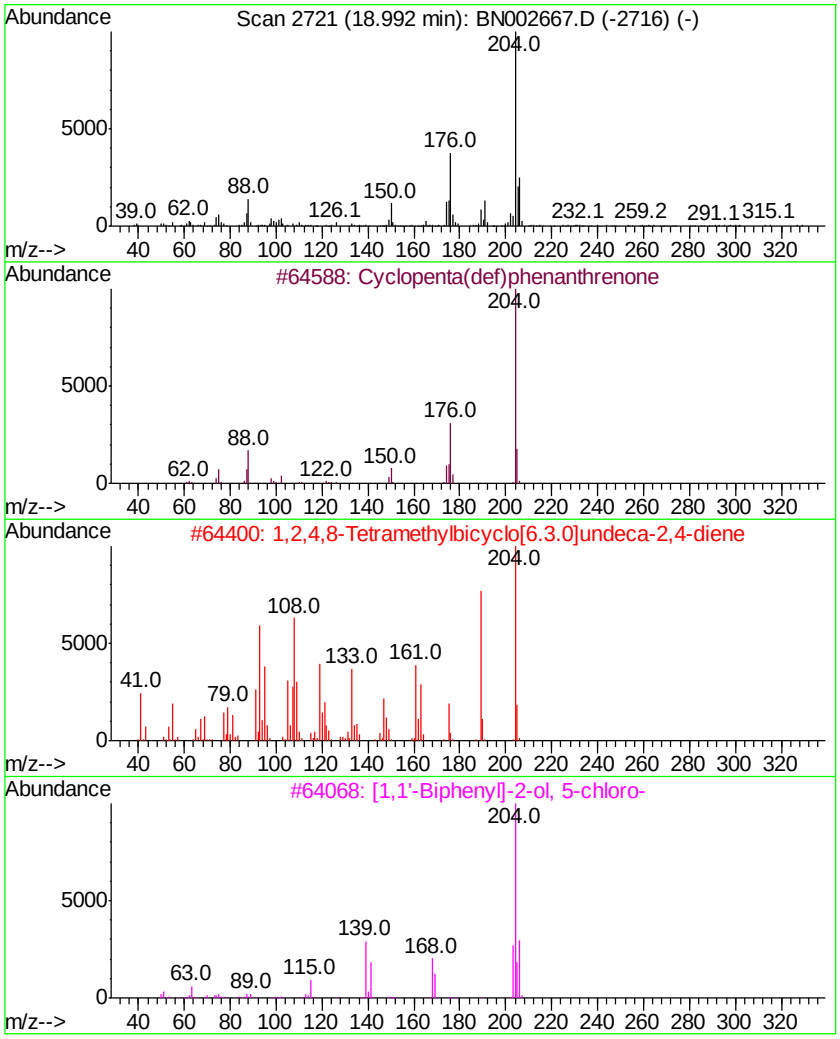
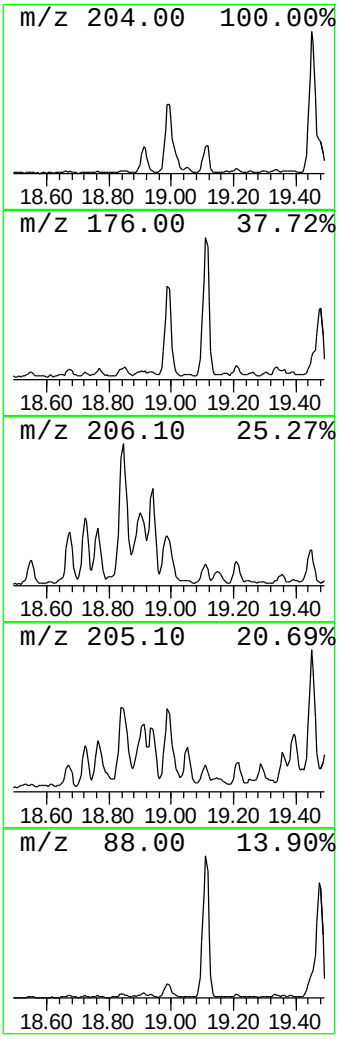
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.57 ng/ul	594641	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	40
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Quant Title : SVOA CALIBRATION

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

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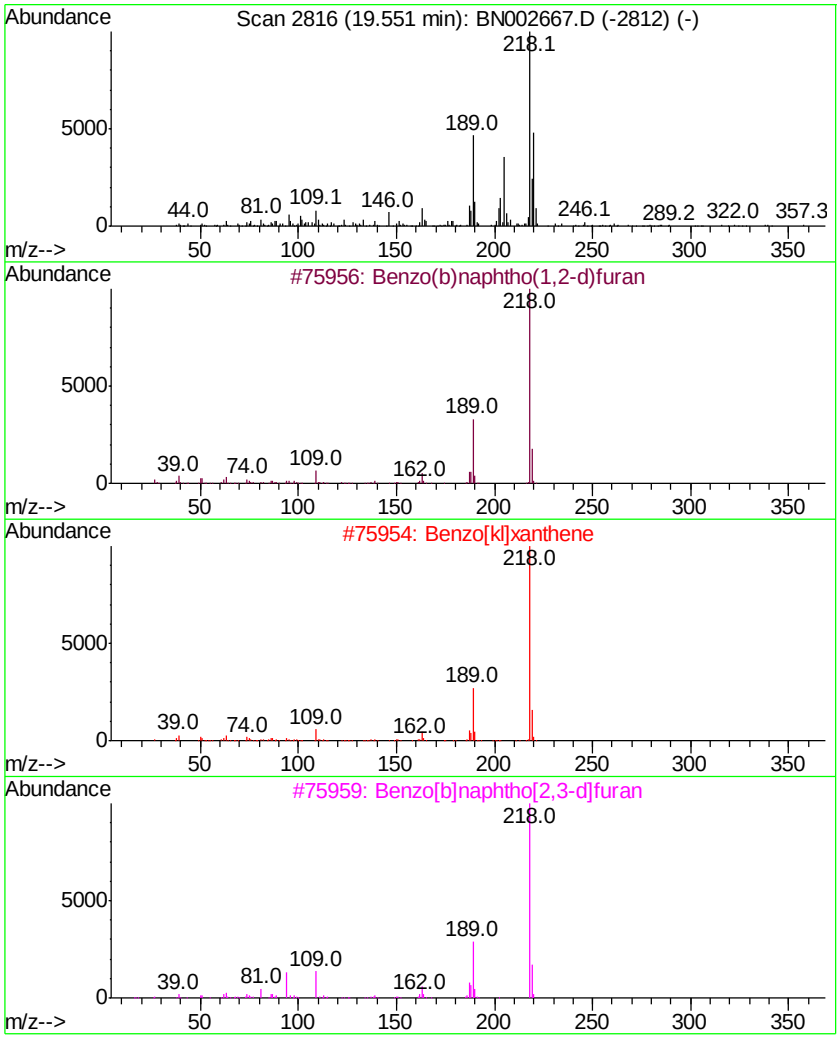
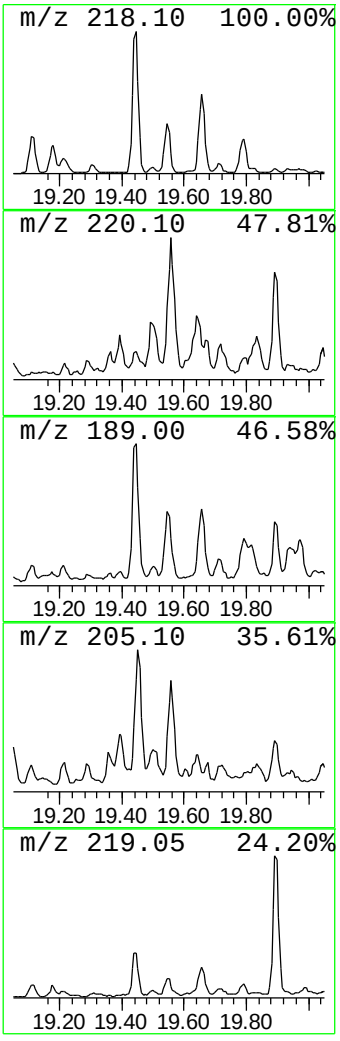
Peak Number 11 Benzo(b)naphtho(1,2-d)furan Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	2.05 ng/ul	512146	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	93
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	91
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	72
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	68





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Quant Title : SVOA CALIBRATION

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

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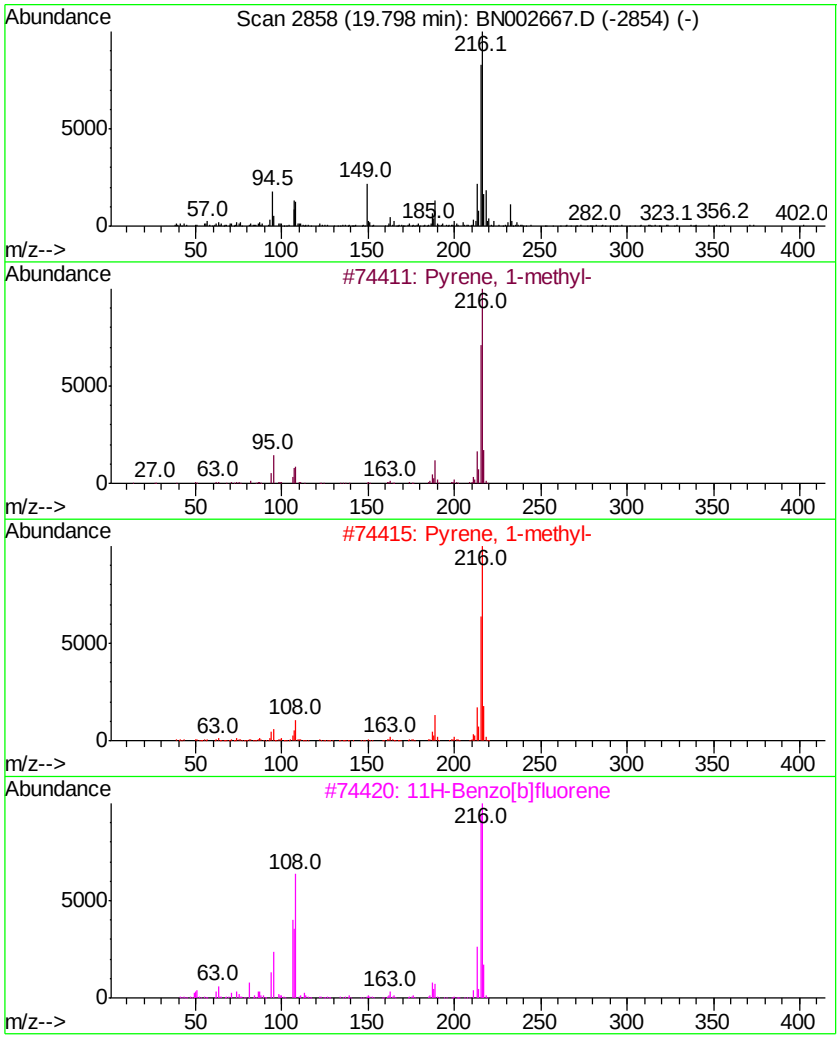
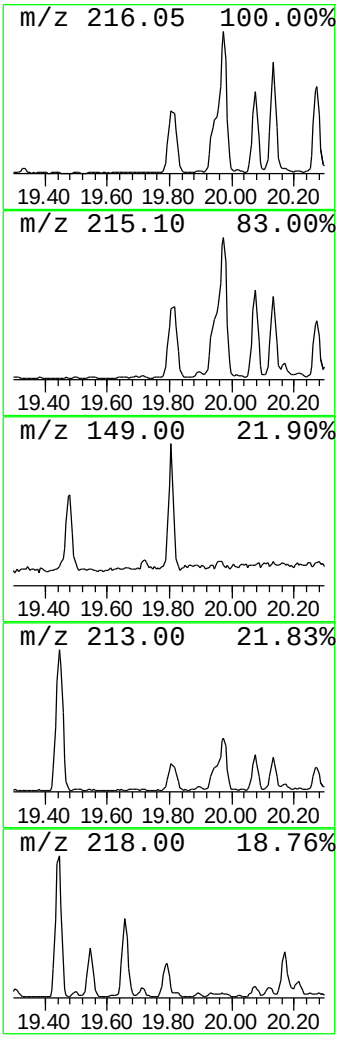
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.32 ng/ul	827684	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86





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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 Retene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.29 ng/ul	570931	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	98
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
4	Retene	234	C18H18	000483-65-8	91
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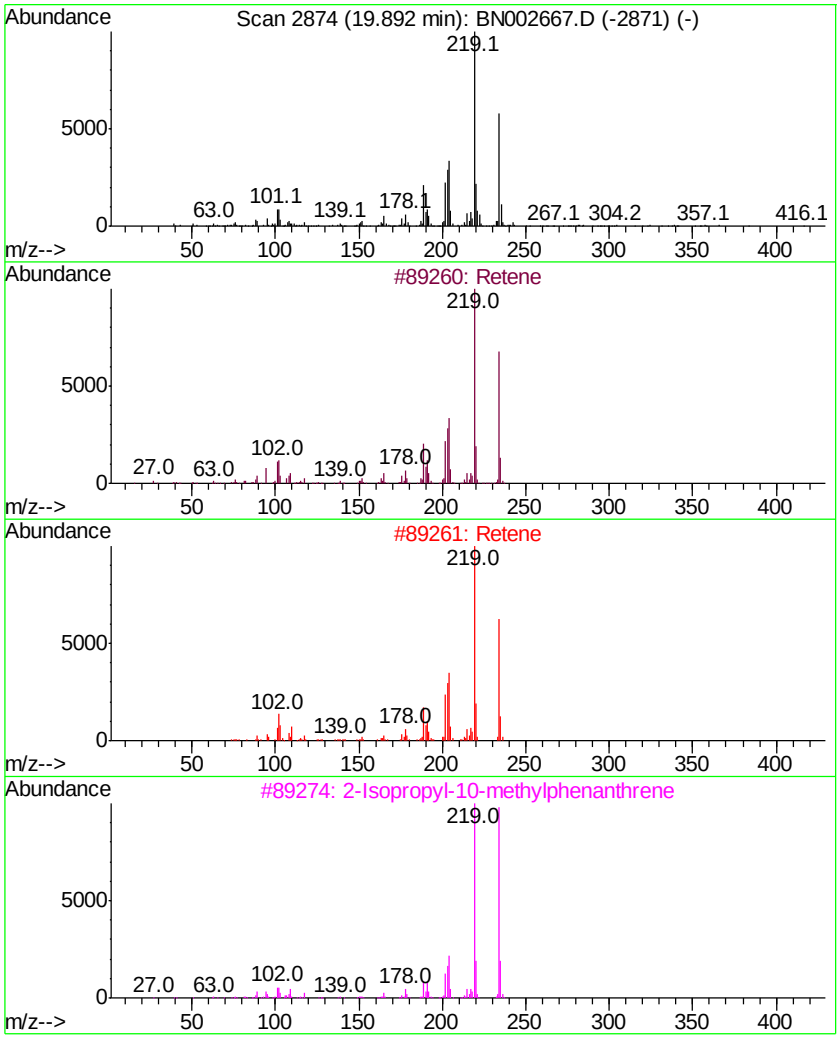

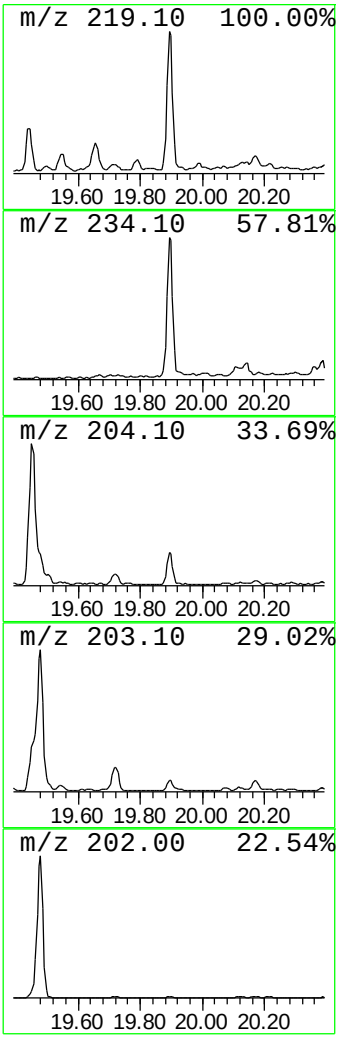

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Quant Title : SVOA CALIBRATION

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

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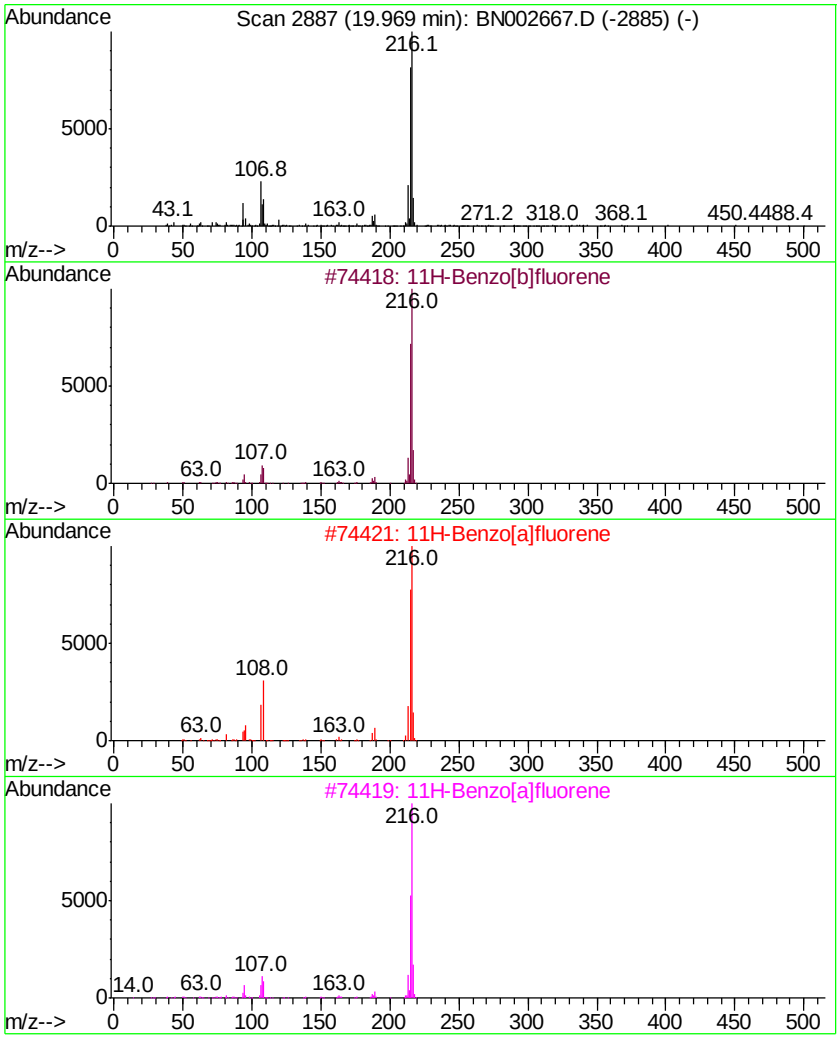
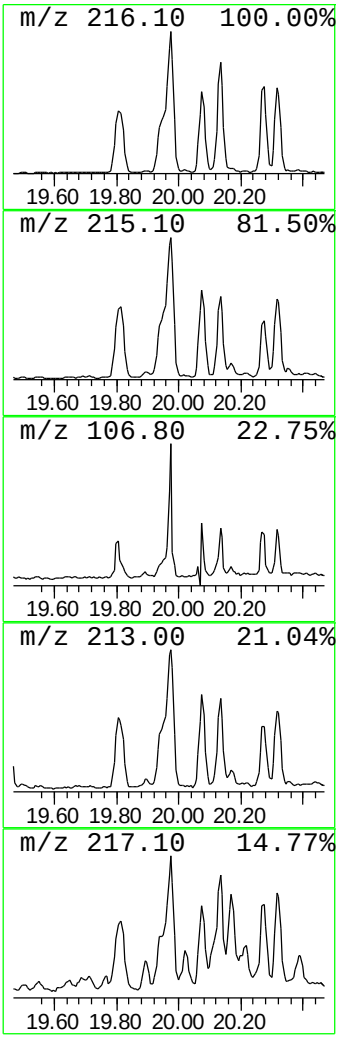
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.63 ng/ul	903725	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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Quant Title : SVOA CALIBRATION

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

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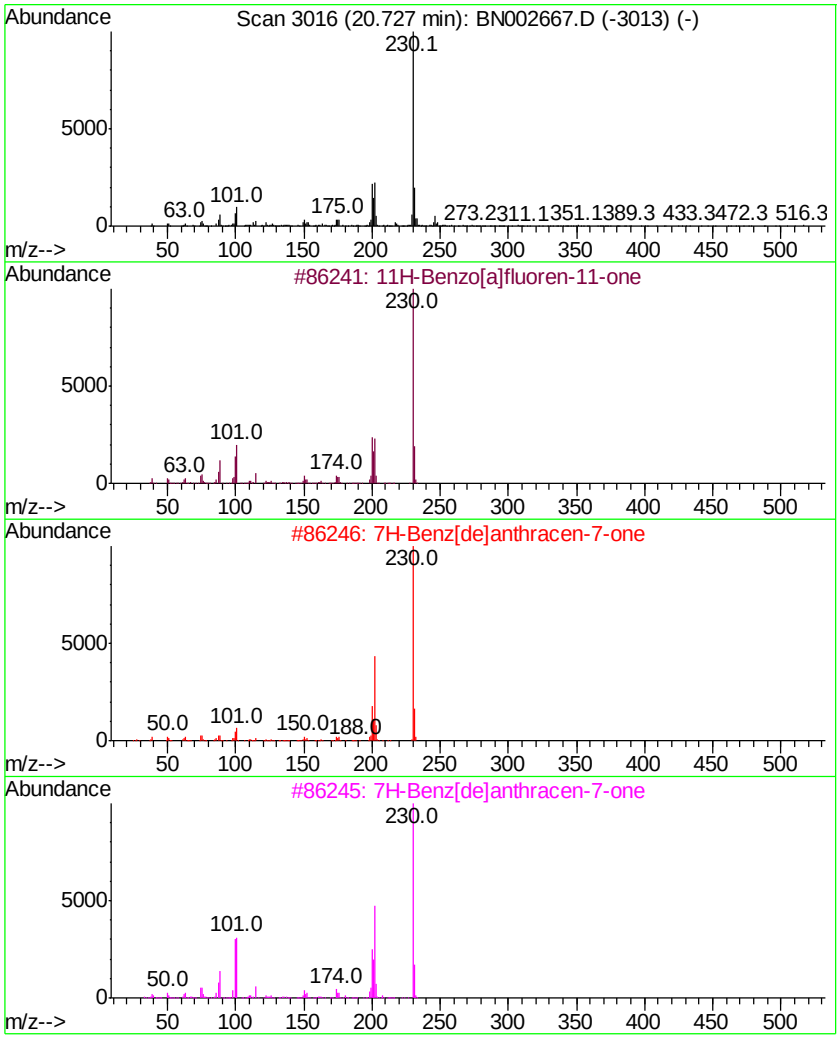
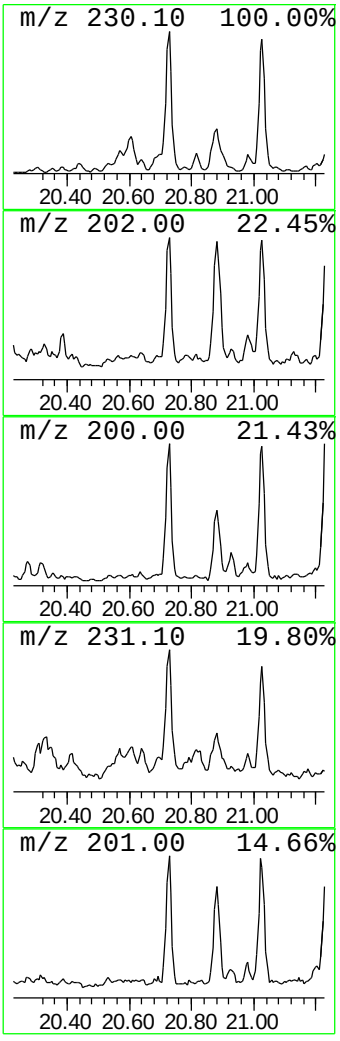
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.92 ng/ul	728667	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Quant Title : SVOA CALIBRATION

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

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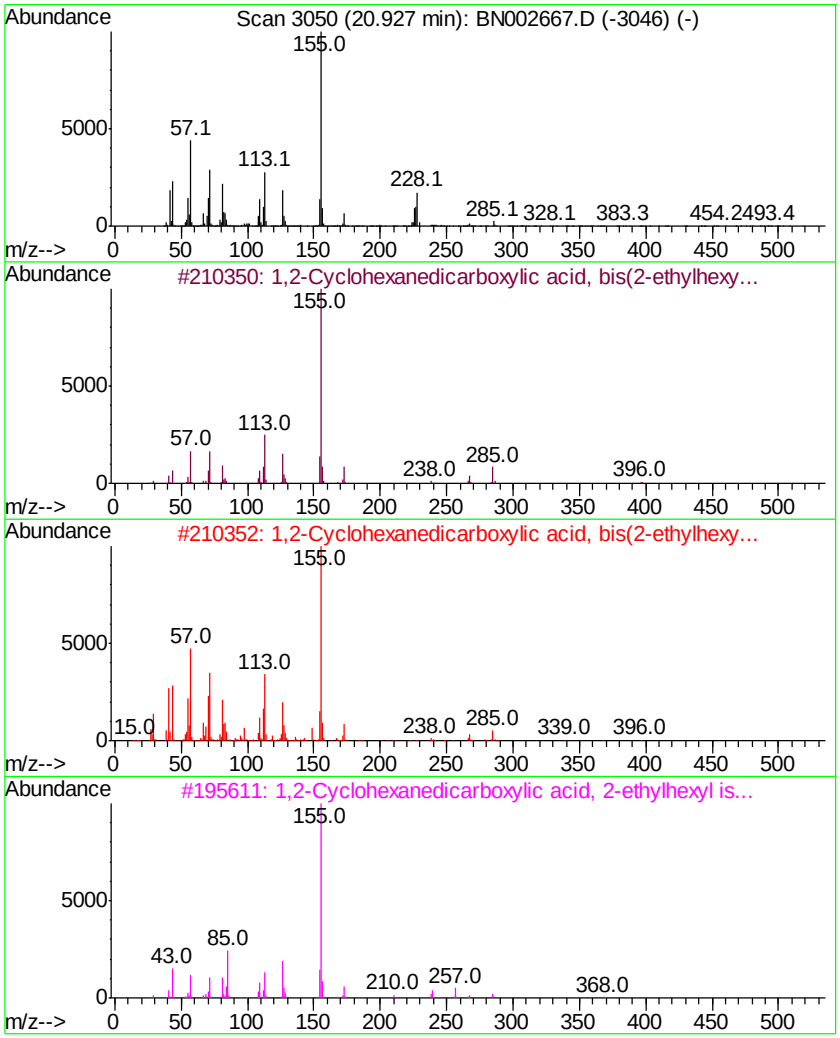
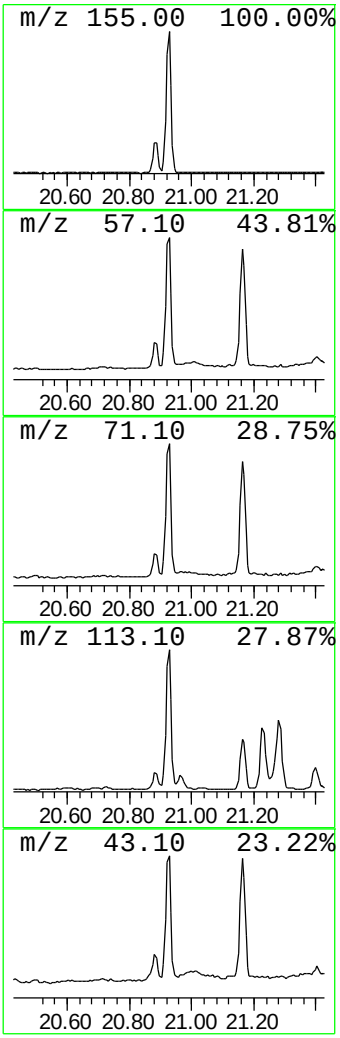
Peak Number 19 1,2-Cyclohexanedicarboxylic... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	15.68 ng/ul	3909370	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	74
2	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	68
3	1,2-Cyclohexanedicarboxylic acid...	368	C22H40O4	1000339-45-5	59
4	1,2-Cyclohexanedicarboxylic acid...	340	C20H36O4	1000339-44-3	52
5	1,2-Cyclohexanedicarboxylic acid...	312	C18H32O4	1000339-55-6	52





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Quant Title : SVOA CALIBRATION

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

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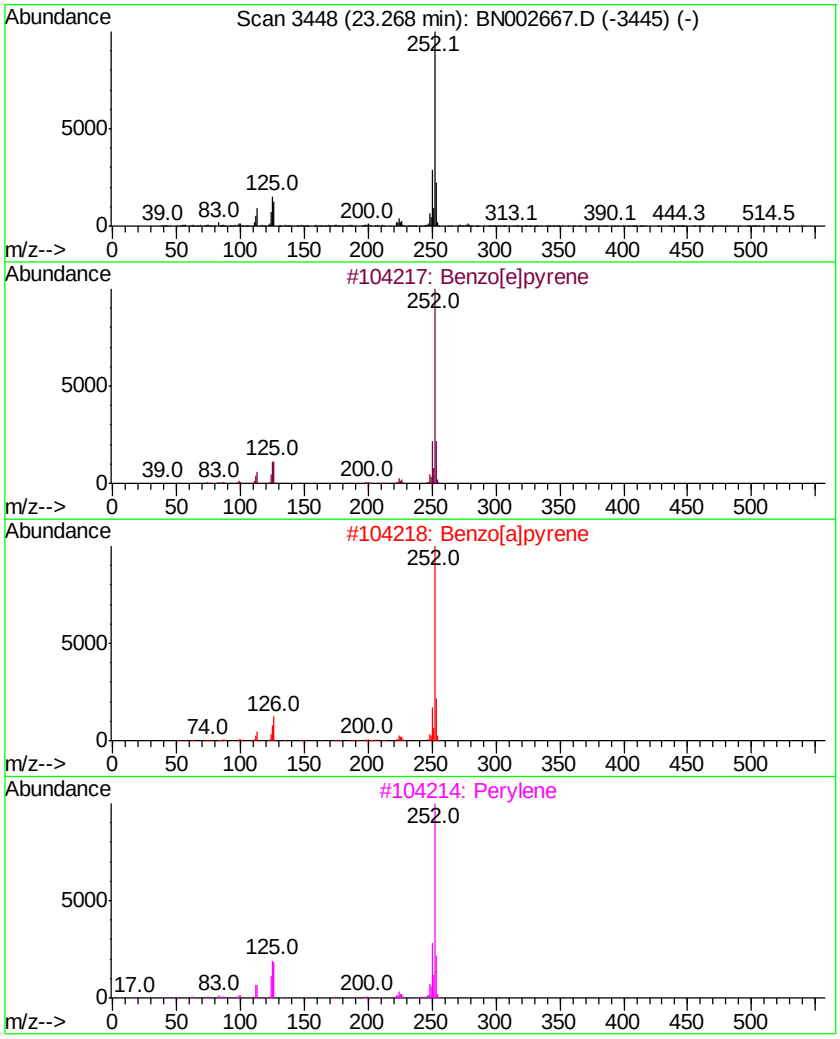
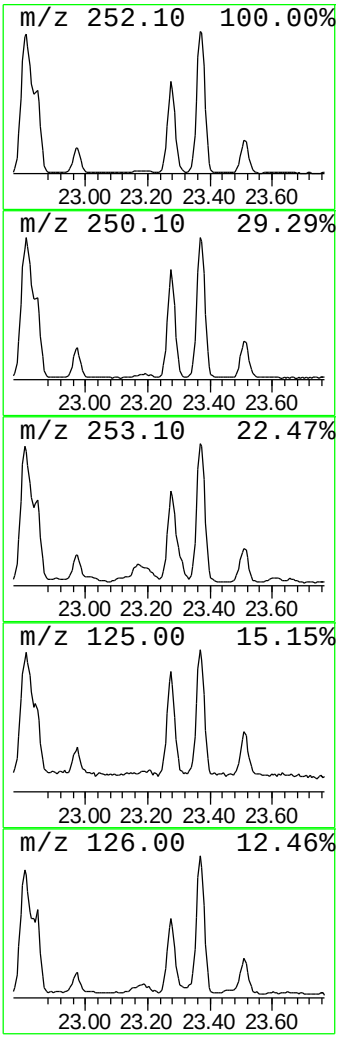
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	19.81 ng/ul	1314310	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002667.D
Acq On : 12 Sep 2018 22:23
Operator : JU/SJ
Sample : J4792-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.73	2.4	ng/ul	145553	1	7.66	1201430	20.0
2-Pentanone, 4-hy...	4.83	4.1	ng/ul	243645	1	7.66	1201430	20.0
Anthracene, 1,2,3...	16.80	3.0	ng/ul	384187	4	17.05	2599980	20.0
Phenanthrene, 2-m...	17.92	5.8	ng/ul	755230	4	17.05	2599980	20.0
4H-Cyclopenta[def...	18.12	12.4	ng/ul	1618000	4	17.05	2599980	20.0
Phenanthrene, 1-m...	18.15	3.9	ng/ul	512810	4	17.05	2599980	20.0
Naphthalene, 2-ph...	18.42	4.4	ng/ul	571454	4	17.05	2599980	20.0
9,10-Anthracenedione	18.47	3.4	ng/ul	439340	4	17.05	2599980	20.0
Phenanthrene, 2,5...	18.85	4.2	ng/ul	544062	4	17.05	2599980	20.0
Cyclopenta(def)ph...	18.99	4.6	ng/ul	594641	4	17.05	2599980	20.0
Benzo(b)naphtho(1...	19.55	2.0	ng/ul	512146	5	21.25	4985770	20.0
Pyrene, 1-methyl-	19.80	3.3	ng/ul	827684	5	21.25	4985770	20.0
Retene	19.89	2.3	ng/ul	570931	5	21.25	4985770	20.0
11H-Benzo[b]fluorene	19.97	3.6	ng/ul	903725	5	21.25	4985770	20.0
11H-Benzo[a]fluor...	20.73	2.9	ng/ul	728667	5	21.25	4985770	20.0
1,2-Cyclohexanedi...	20.93	15.7	ng/ul	3909370	5	21.25	4985770	20.0
Benzo[e]pyrene	23.27	19.8	ng/ul	1314310	6	23.46	1327200	20.0