LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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_N\METHODS\SOM-EPA-BN041919MA.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	6.775	635	644	653	rBV	370594	614608	2.33%	0.179%
2	7.128	695	704	713	rBV	375333	611032	2.32%	0.178%
3	7.593	776	783	791	rBV	1546542	2428642	9.21%	0.709%
4	8.293	894	902	913	rBV	455594	788309	2.99%	0.230%
5	8.734	971	977	989	rVV	355543	618358	2.35%	0.181%
6	9.981	1183	1189	1197	rVB	468229	809376	3.07%	0.236%
7	10.351	1242	1252	1267	rBV	2232668	4152239	15.75%	1.213%
8	10.493	1267	1276	1288	rVB	380288	735965	2.79%	0.215%
9	13.639	1806	1811	1815	rVV	952625	1352252	5.13%	0.395%
10	13.910	1852	1857	1860	rVV	1036319	1708596	6.48%	0.499%
11	13.939	1860	1862	1874	rVB	1267177	1793600	6.80%	0.524%
12	14.228	1902	1911	1918	rVV2	3331599	5286710	20.05%	1.544%
13	14.439	1941	1947	1956	rBV	371320	704926	2.67%	0.206%
14	14.851	2009	2017	2022	rBV3	332632	674858	2.56%	0.197%
15	15.222	2075	2080	2085	rVB	1508088	2056429	7.80%	0.601%
16	15.275	2085	2089	2099	rVB4	370060	668588	2.54%	0.195%
17	15.575	2134	2140	2150	rBV2	463701	850137	3.22%	0.248%
18	15.728	2158	2166	2174	rVB2	422180	1066213	4.04%	0.311%
19	16.292	2252	2262	2267	rBV5	509325	1239747	4.70%	0.362%
20	16.522	2292	2301	2304	rBV2	1017417	1689374	6.41%	0.493%
21	16.557	2304	2307	2310	rVV2	653723	880803	3.34%	0.257%
22	16.633	2316	2320	2328	rVB3	704172	1225146	4.65%	0.358%
23	16.716	2328	2334	2340	rBV	1063733	1764791	6.69%	0.515%
24	16.980	2373	2379	2382	rBV2	4651861	6691925	25.38%	1.954%
25	17.022	2382	2386	2391	rVV	5841614	7804502	29.60%	2.279%
26	17.075	2391	2395	2398	rVV2	1628760	2296691	8.71%	0.671%
27	17.110	2398	2401	2407	rVB	2403885	3239760	12.29%	0.946%
28	17.169	2407	2411	2418	rBV2	675541	1261328	4.78%	0.368%
29	17.428	2451	2455	2459	rBV	562530	868890	3.30%	0.254%
30	17.563	2474	2478	2487	rVB5	603795	1253069	4.75%	0.366%
31	17.780	2511	2515	2519	rVB	466534	629149	2.39%	0.184%
32	17.857	2523	2528	2532	rVV	2488108	3479964	13.20%	1.016%
33	17.904	2532	2536	2544	rVB	3890197	5650003	21.43%	1.650%
34	17.986	2544	2550	2555	rBV	2297973	3331079	12.63%	0.973%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

35	18.051	2555	2561	2565	rBV2	3931704	7172760	27.20%	2.095%
36	18.086	2565	2567	2576	rVB	1908391	2573519	9.76%	0.752%
37	18.369	2610	2615	2619	rVV	2107178	3060226	11.61%	0.894%
38	18.404	2619	2621	2626	rVB3	597756	795489	3.02%	0.232%
39	18.616	2653	2657	2661	rVV2	971061	1549606	5.88%	0.453%
40	18.669	2662	2666	2669	rVV	1122102	1537025	5.83%	0.449%
41	18.704	2669	2672	2677	rVB	1110448	1454461	5.52%	0.425%
42	18.786	2677	2686	2691	rBV	2549517	5325502	20.20%	1.555%
43	18.851	2692	2697	2700	rVV2	1839855	3562330	13.51%	1.040%
44	18.880	2700	2702	2706	rVV	1337623	1764761	6.69%	0.515%
45	18.933	2706	2711	2719	rVB2	2740625	4942989	18.75%	1.444%
46	19.063	2726	2733	2739	rBV	17277899	25632069	97.21%	7.486%
47	19.127	2740	2744	2746	rBV	622387	810679	3.07%	0.237%
48	19.157	2746	2749	2753	rVB2	822376	1084683	4.11%	0.317%
49	19.204	2753	2757	2761	rVB	1895624	2366454	8.97%	0.691%
50	19.263	2761	2767	2770	rBV4	786152	1493164	5.66%	0.436%
51	19.392	2784	2789	2791	rBV	6140195	8603377	32.63%	2.513%
52	19.427	2791	2795	2802	rVB	14923893	21605177	81.94%	6.310%
53	19.498	2802	2807	2814	rVB2	1861321	3666291	13.90%	1.071%
54	19.604	2814	2825	2831	rBV	2168267	4689385	17.78%	1.370%
55	19.663	2831	2835	2841	rVB4	1036855	1730058	6.56%	0.505%
56	19.751	2844	2850	2858	rBV5	2510266	6693709	25.39%	1.955%
57	19.886	2868	2873	2876	rBV3	2166304	3818243	14.48%	1.115%
58	19.927	2876	2880	2884	rVB	3951646	5773993	21.90%	1.686%
59	20.027	2893	2897	2900	rBV2	1970707	2277536	8.64%	0.665%
60	20.080	2900	2906	2912	rVB2	3743276	6378867	24.19%	1.863%
61	20.169	2917	2921	2925	rBV2	887818	1254574	4.76%	0.366%
62	20.227	2926	2931	2934	rBV	1822790	2386579	9.05%	0.697%
63	20.269	2934	2938	2943	rBV3	1891282	2743247	10.40%	0.801%
64	20.486	2971	2975	2978	rBV4	793996	1426044	5.41%	0.416%
65	20.527	2979	2982	2984	rVV3	393366	594770	2.26%	0.174%
66	20.645	2999	3002	3004	rVV3	476627	625699	2.37%	0.183%
67	20.680	3004	3008	3014	rVB	3358536	4629579	17.56%	1.352%
68	20.845	3030	3036	3040	rBV3	1786692	3807162	14.44%	1.112%
69	20.886	3040	3043	3047	rVV	2429421	3043102	11.54%	0.889%
70	20.939	3047	3052	3055	rVV2	1699852	3372906	12.79%	0.985%
71	20.986	3055	3060	3067	rVB2	3513913	5459392	20.70%	1.594%

LSC Area Percent Report

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Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

72	21.092	3071	3078	3088	rBV7	569022	1964443	7.45%	0.574%
73	21.198	3090	3096	3101	rBV3	14331896	26368382	100.00%	7.701%
74	21.245	3101	3104	3114	rVB	8442823	12098994	45.88%	3.533%
75	21.363	3121	3124	3127	rBV	982856	1300850	4.93%	0.380%
76	21.521	3146	3151	3156	rBV4	1316140	2407047	9.13%	0.703%
77	21.568	3156	3159	3162	rVV2	788643	962430	3.65%	0.281%
78	21.704	3179	3182	3184	rVB	647210	610459	2.32%	0.178%
79	21.757	3185	3191	3195	rBV	3286033	4497976	17.06%	1.314%
80	21.810	3196	3200	3205	rVB	1723131	2560108	9.71%	0.748%
81	21.874	3206	3211	3213	rBV3	632568	1066071	4.04%	0.311%
82	21.951	3220	3224	3227	rBV2	1113499	1516086	5.75%	0.443%
83	22.051	3236	3241	3245	rBV3	706703	1040135	3.94%	0.304%
84	22.274	3275	3279	3286	rVB6	999419	1940428	7.36%	0.567%
85	22.345	3287	3291	3294	rBV	510493	806030	3.06%	0.235%
86	22.510	3313	3319	3329	rVB3	920689	2461809	9.34%	0.719%
87	22.763	3355	3362	3366	rBV2	6069193	14022903	53.18%	4.095%
88	22.921	3384	3389	3395	rVB	1310324	2115780	8.02%	0.618%
89	23.051	3406	3411	3412	rBV4	518653	766685	2.91%	0.224%
90	23.221	3434	3440	3444	rBV	2378057	4066898	15.42%	1.188%
91	23.268	3444	3448	3450	rVV2	730902	1088070	4.13%	0.318%
92	23.315	3450	3456	3463	rVB	4961926	9154129	34.72%	2.673%
93	23.404	3465	3471	3476	rBV	3120085	5834126	22.13%	1.704%
94	23.457	3476	3480	3488	rVB3	1026609	2398106	9.09%	0.700%
95	23.951	3557	3564	3572	rVB4	527264	1344938	5.10%	0.393%
96	24.045	3575	3580	3587	rVB2	322938	853302	3.24%	0.249%
97	25.586	3834	3842	3851	rVB	1740366	5139216	19.49%	1.501%
98	25.686	3855	3859	3867	rVB	267905	608916	2.31%	0.178%
99	25.833	3878	3884	3891	rVB	517391	1190030	4.51%	0.348%
100	26.245	3947	3954	3967	rVB2	798121	2294444	8.70%	0.670%

Sum of corrected areas: 342411257

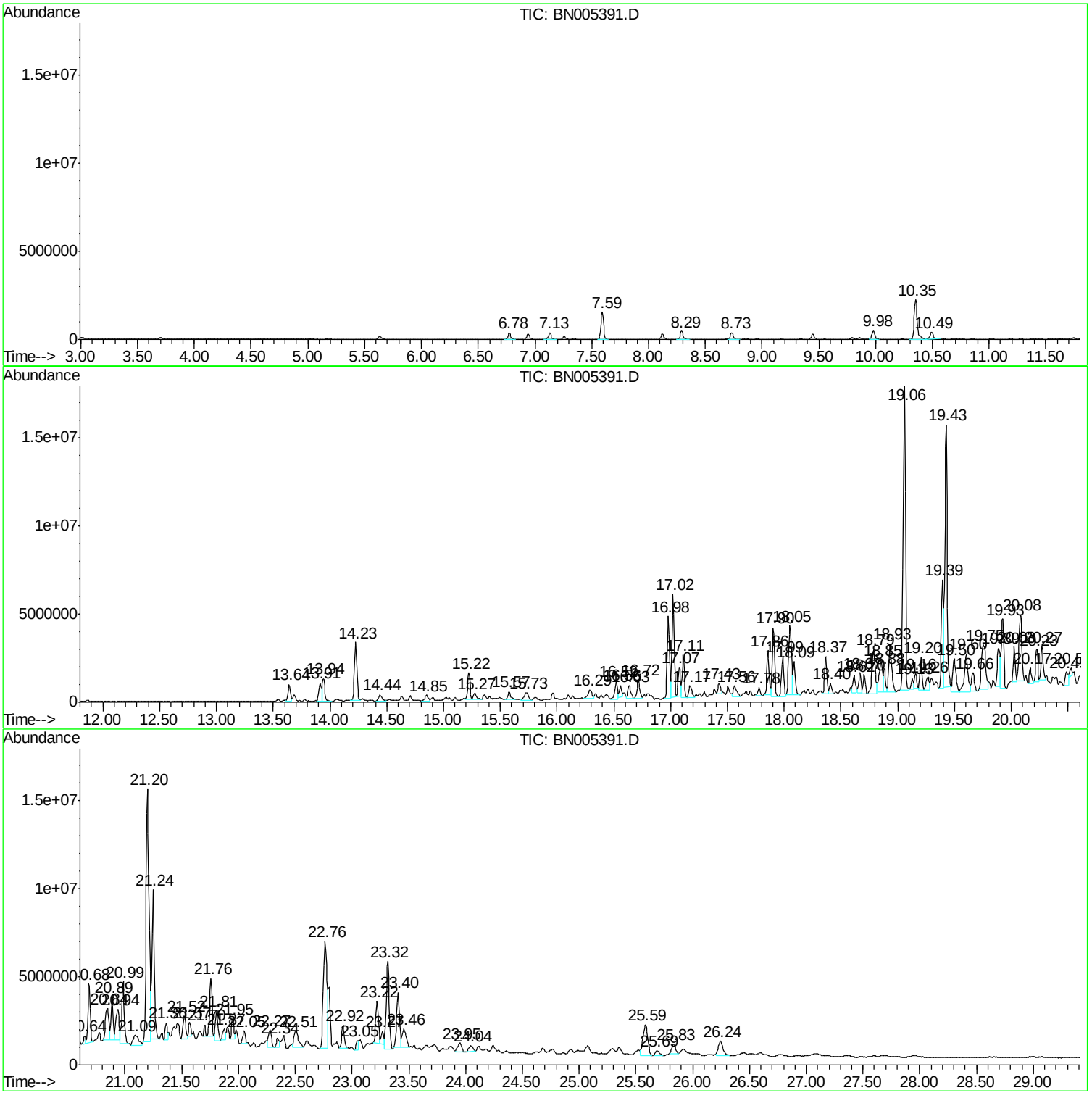
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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 N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

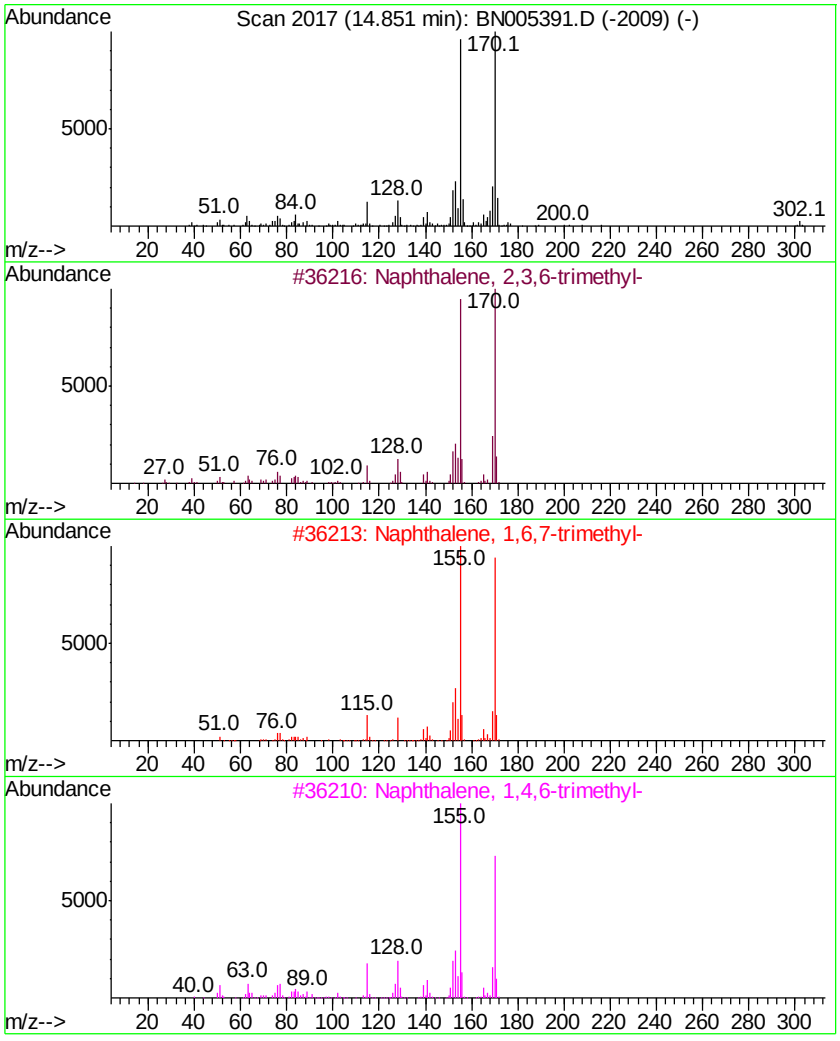
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

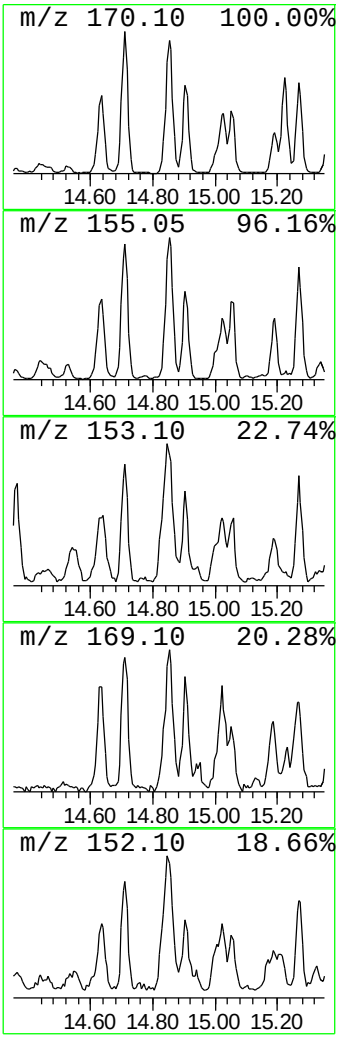
****

Peak Number 1 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.55 ng/ul	674858	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

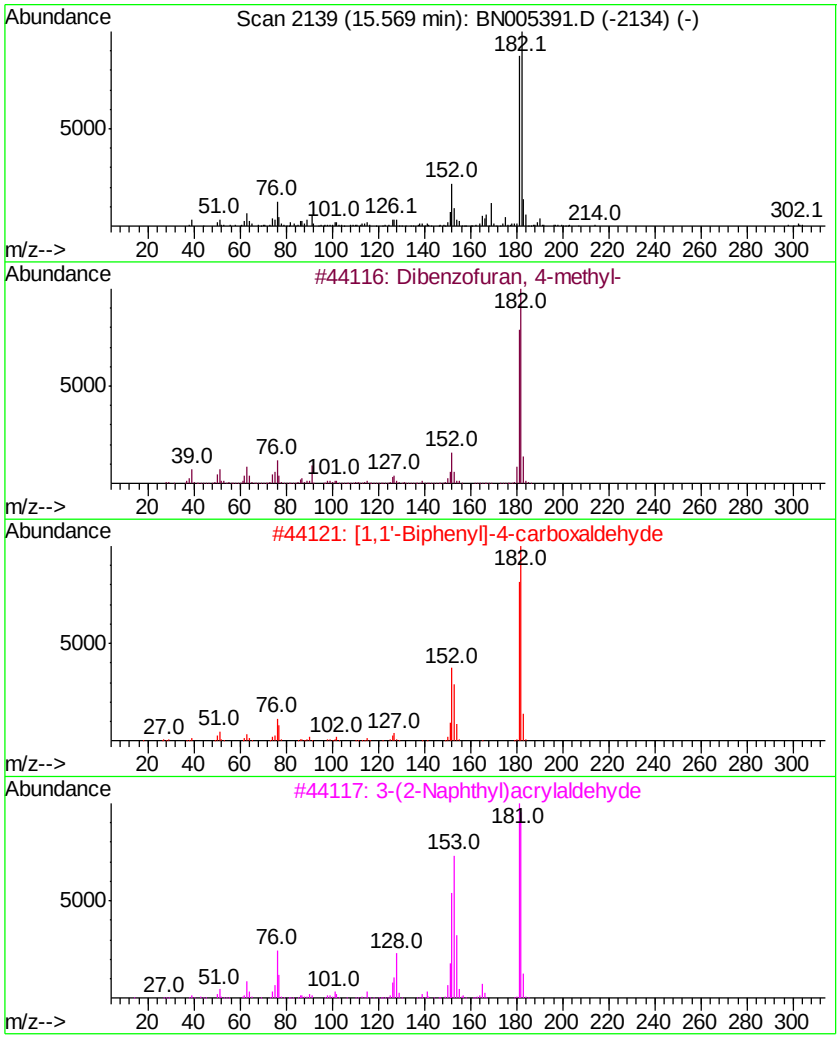
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

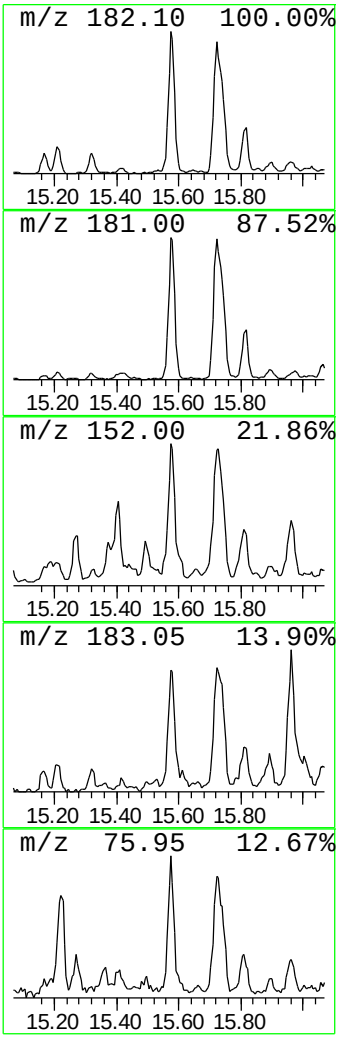
****

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.22 ng/ul	850137	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

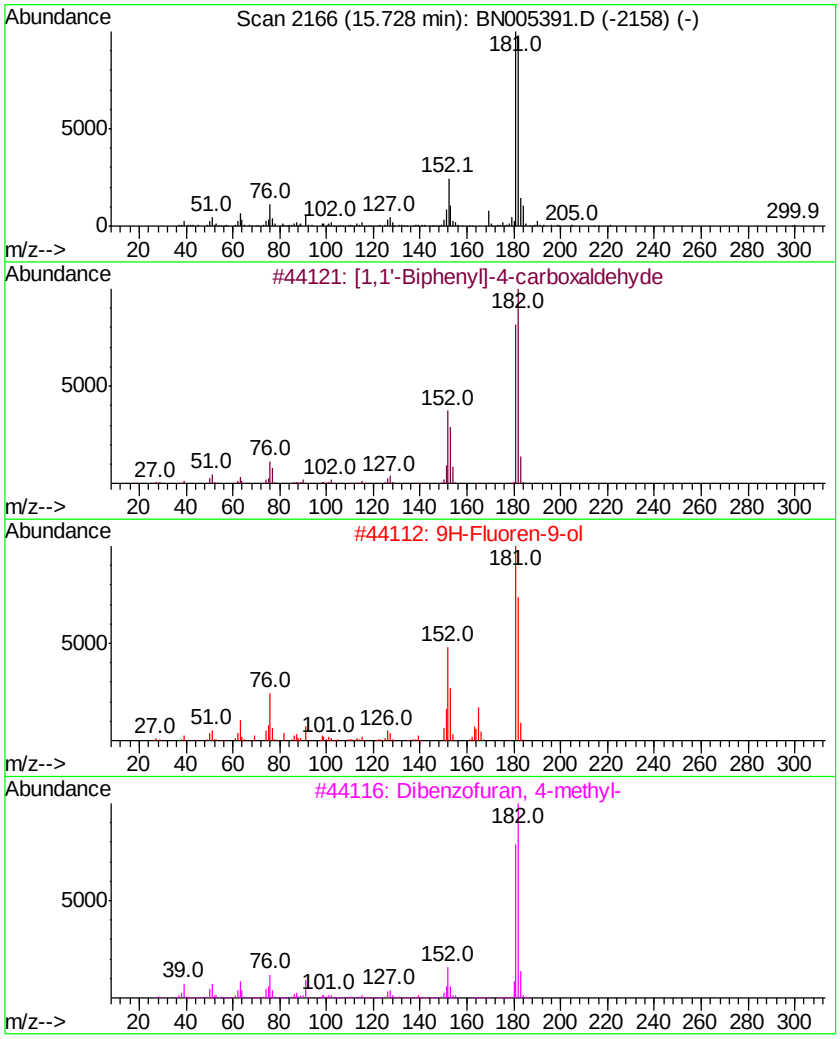
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

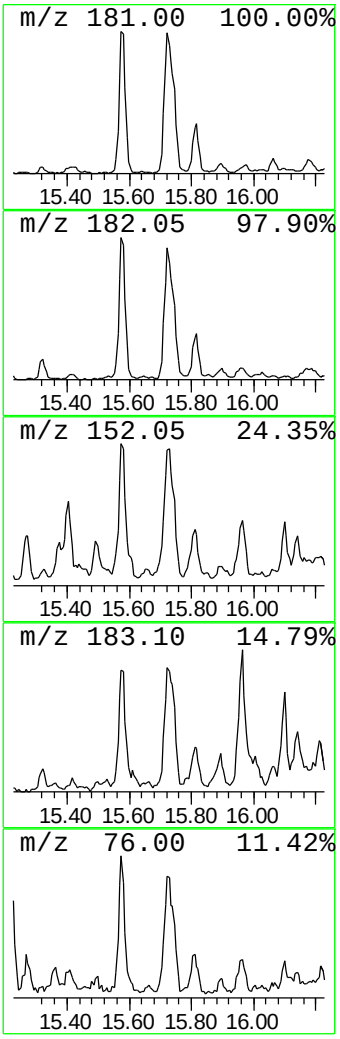
****

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.19 ng/ul	1066210	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	89
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	72





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

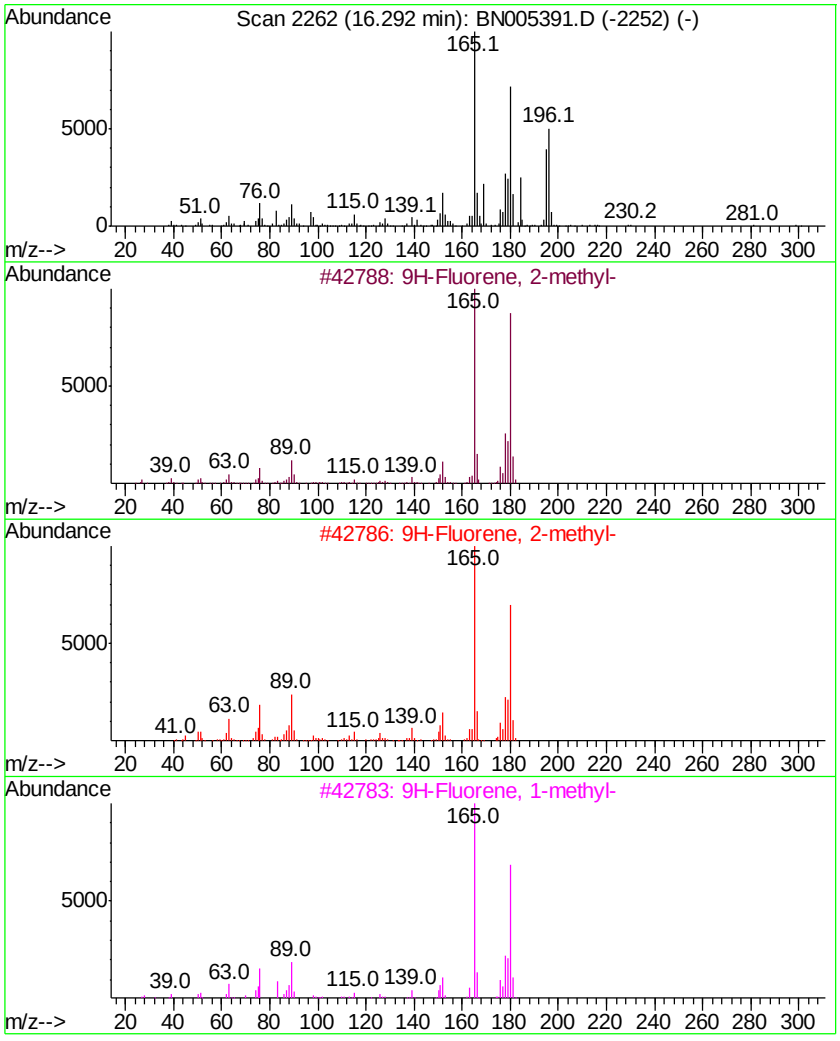
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

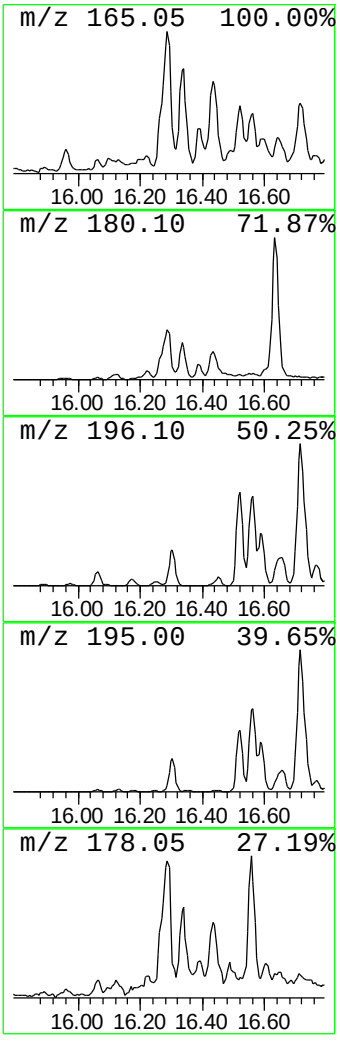
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.71 ng/ul	1239750	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	87
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

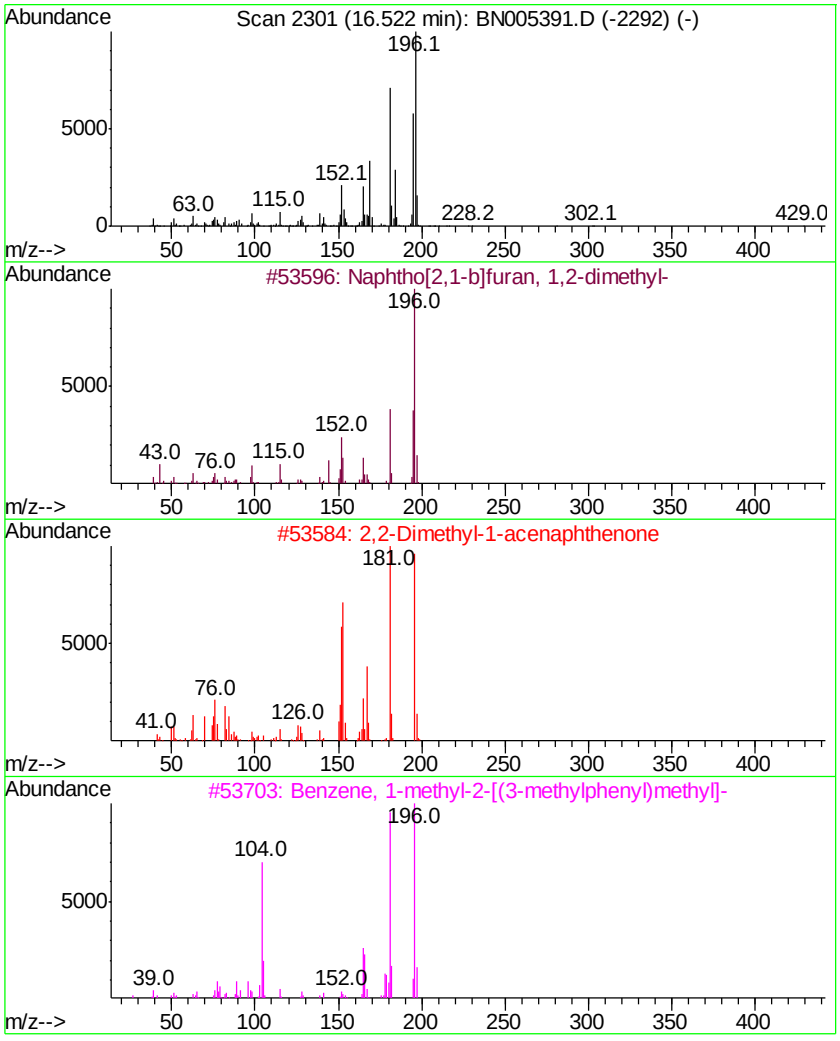
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

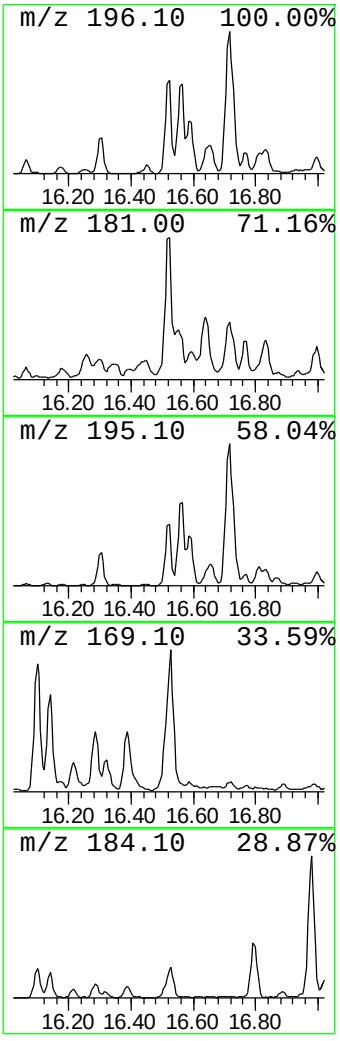
****

Peak Number 5 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.05 ng/ul	1689370	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	58
2	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	55
3	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	47
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	43





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Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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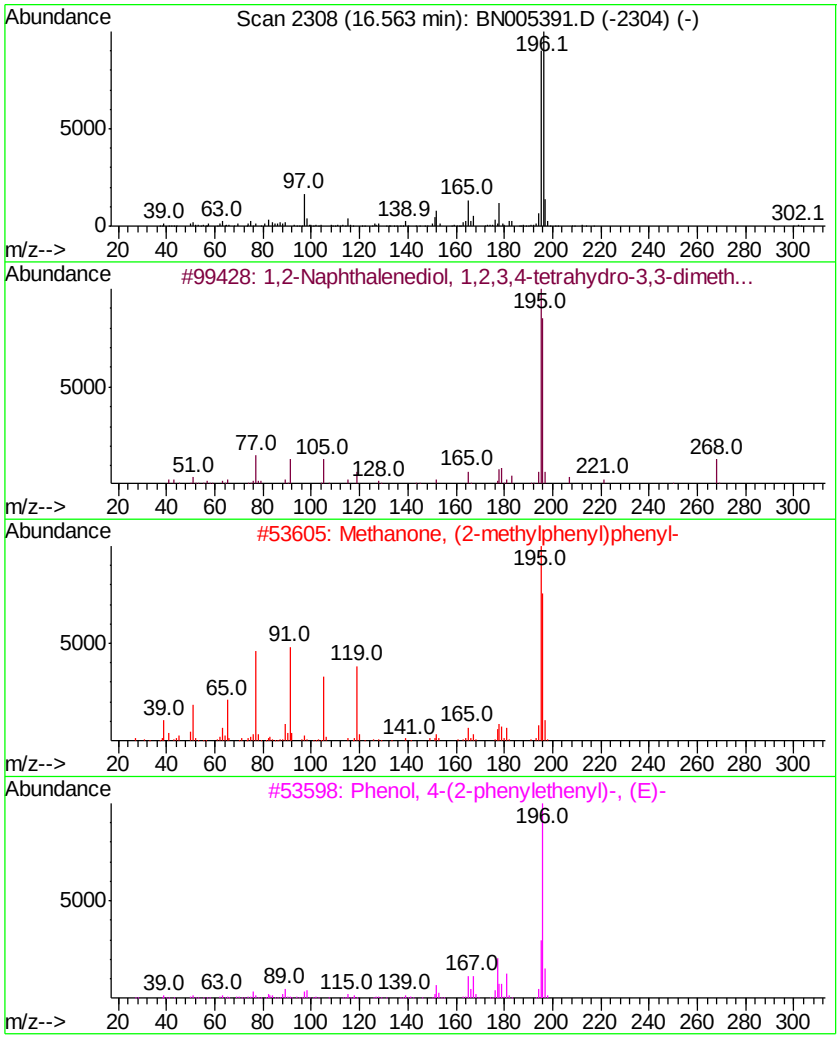
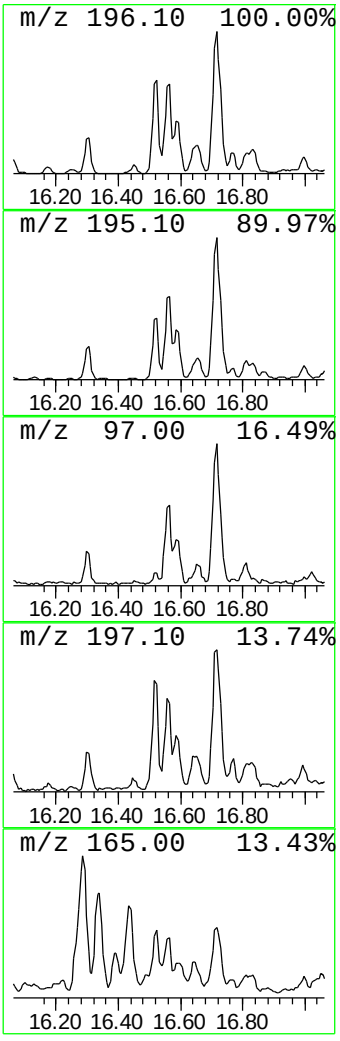
Peak Number 6 1,2-Naphthalenediol, 1,2,3,... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.63 ng/ul	880803	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Naphthalenediol, 1,2,3,4-tet...	268	C18H20O2	056588-42-2	72
2	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	72
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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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 9H-Fluoren-9-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.66 ng/ul	1225150	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80
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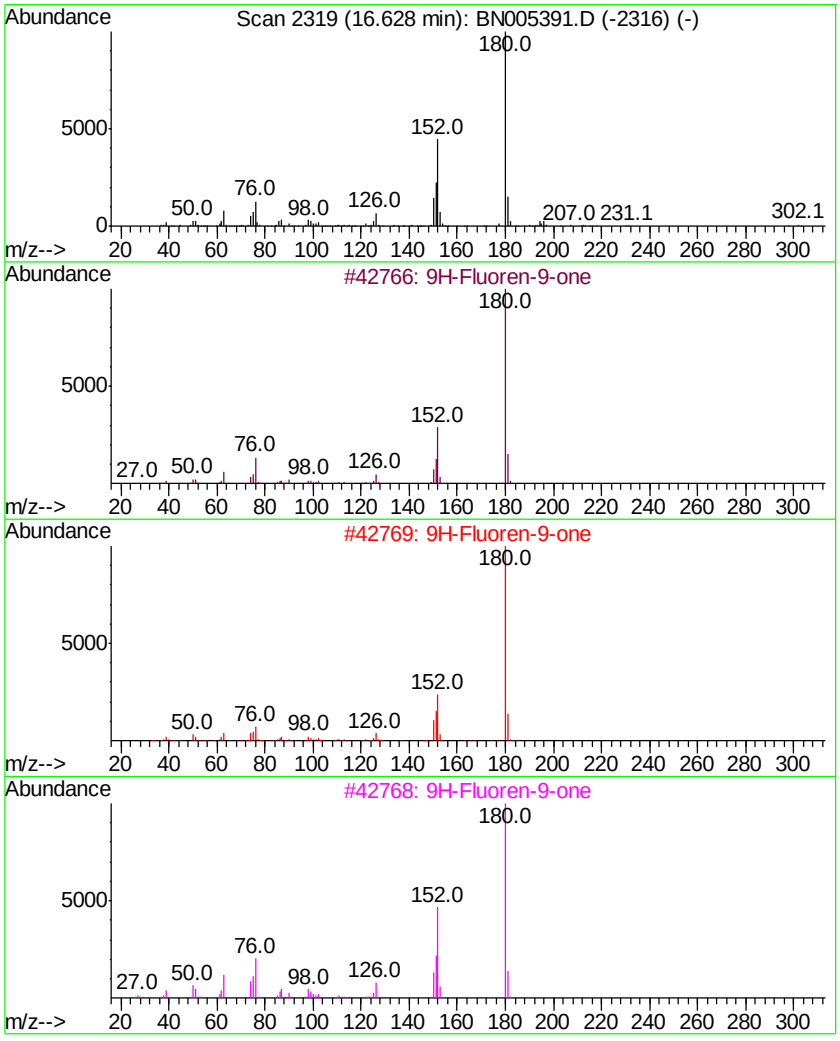

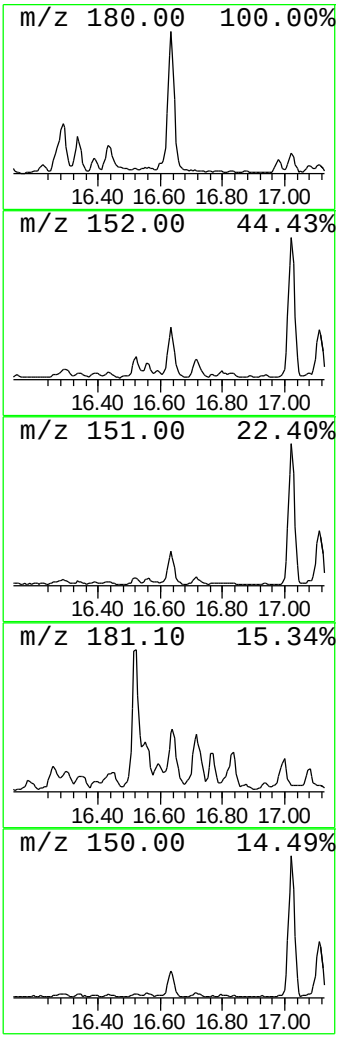

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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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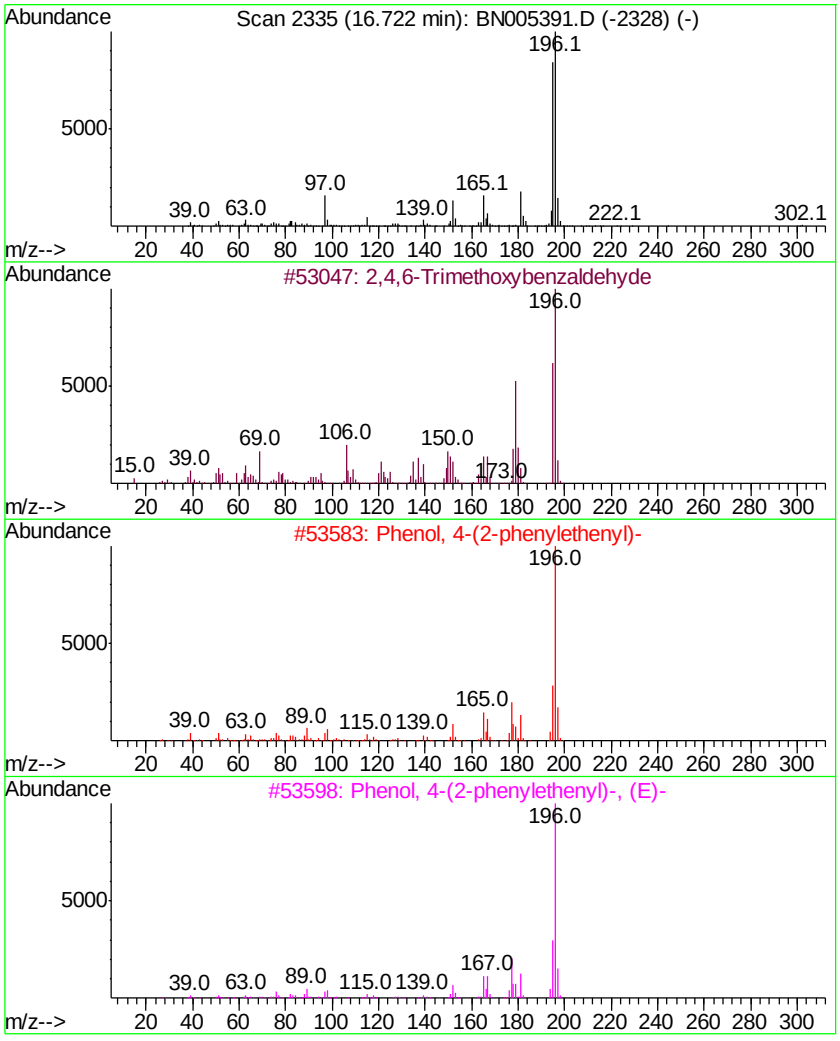
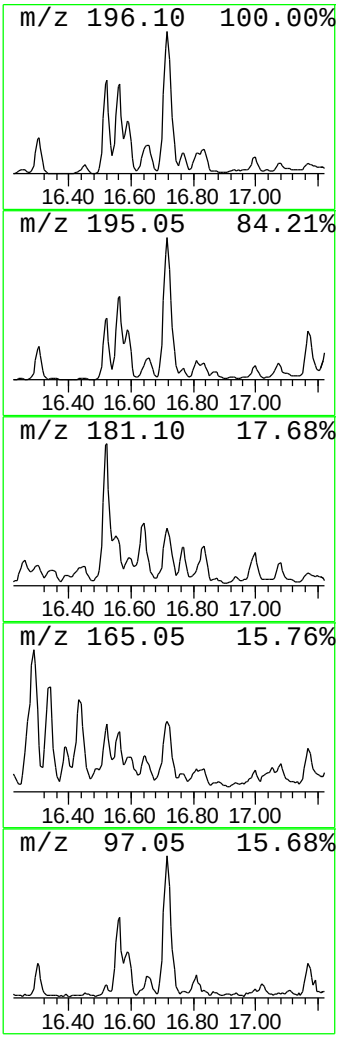
Peak Number 8 2,4,6-Trimethoxybenzaldehyde Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	5.27 ng/ul	1764790	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	47
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	47





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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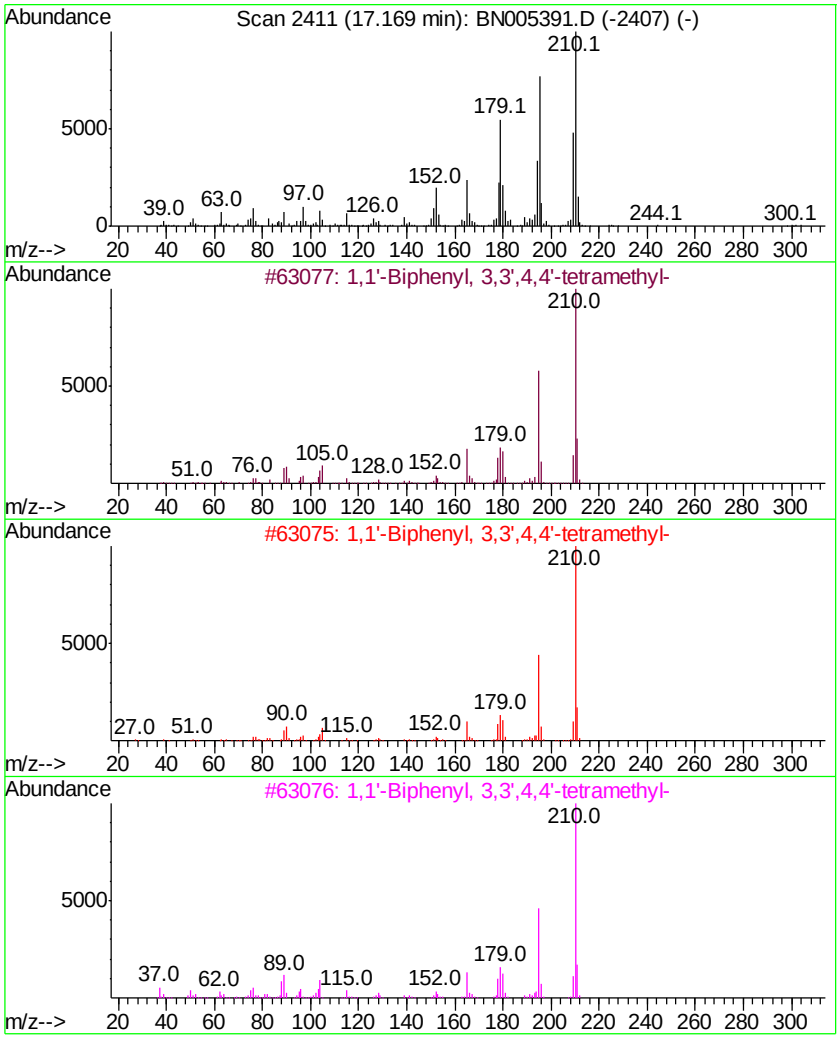
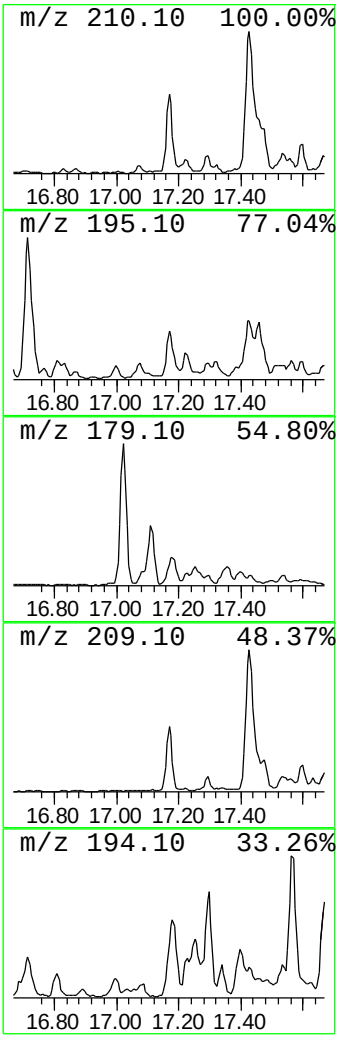
Peak Number 9 1,1'-Biphenyl, 3,3',4,4'-te... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	3.77 ng/ul	1261330	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	95
2	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	94
3	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	89
4	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	70
5	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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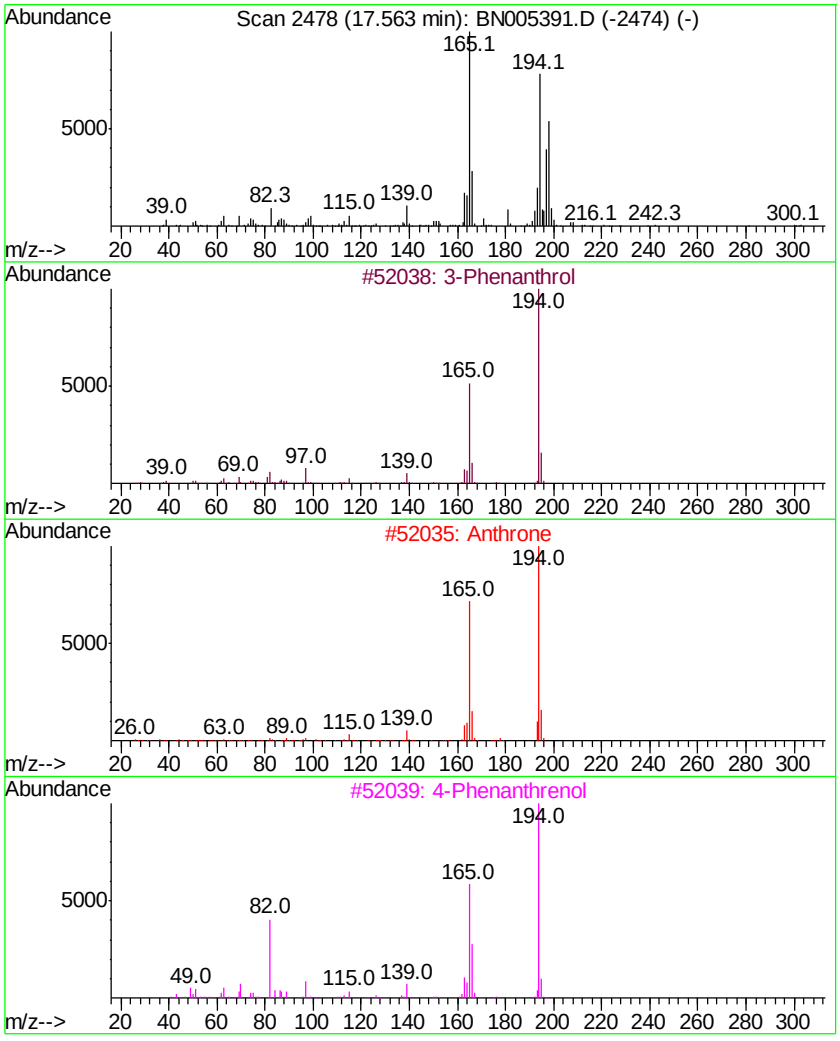
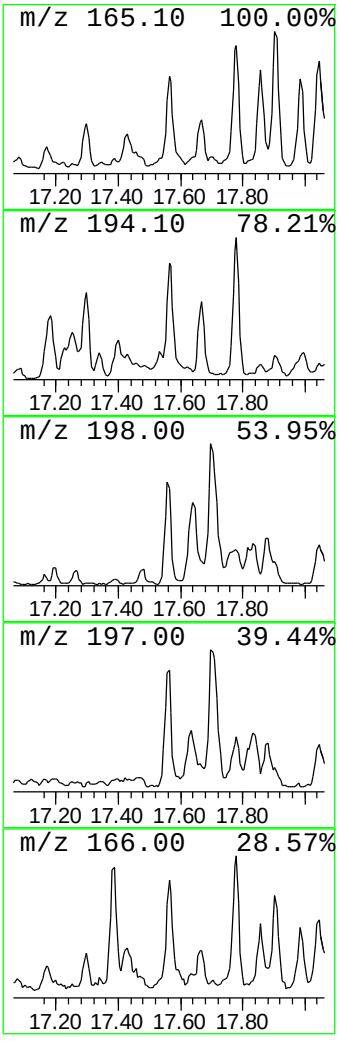
Peak Number 10 3-Phenanthrol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	3.75 ng/ul	1253070	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenanthrol	194	C14H10O	000605-87-8	53
2	Anthrone	194	C14H10O	000090-44-8	47
3	4-Phenanthrenol	194	C14H10O	007651-86-7	43
4	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	43
5	9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	43





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ALS Vial : 24 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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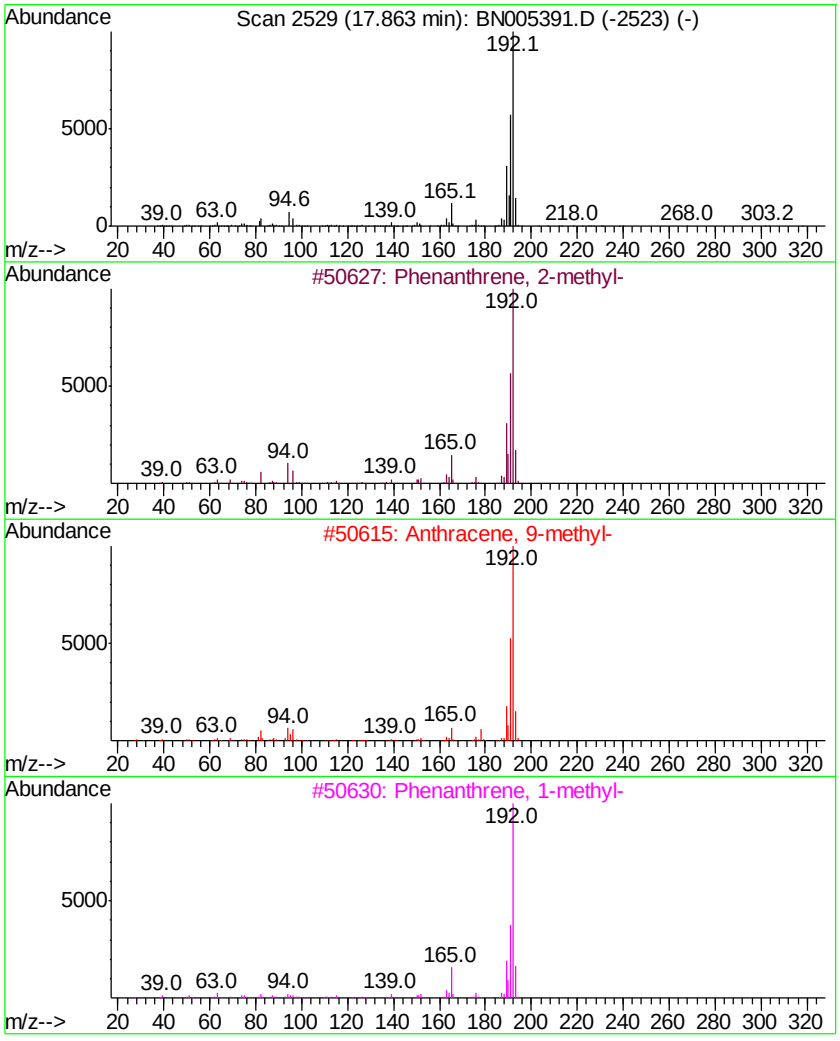
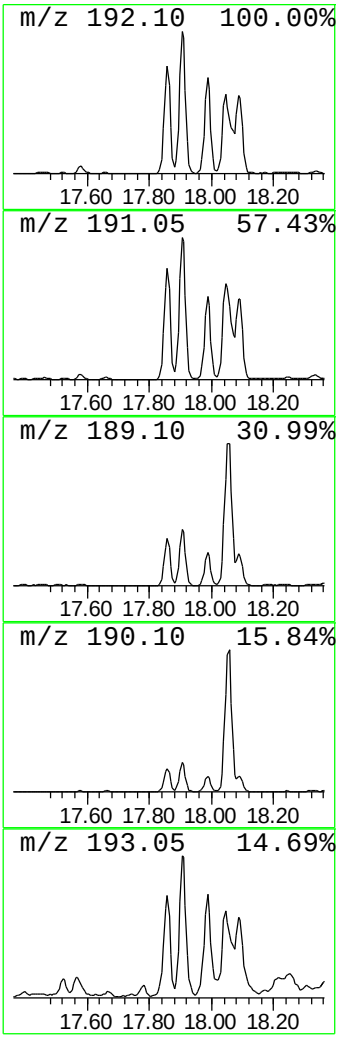
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	10.40 ng/ul	3479960	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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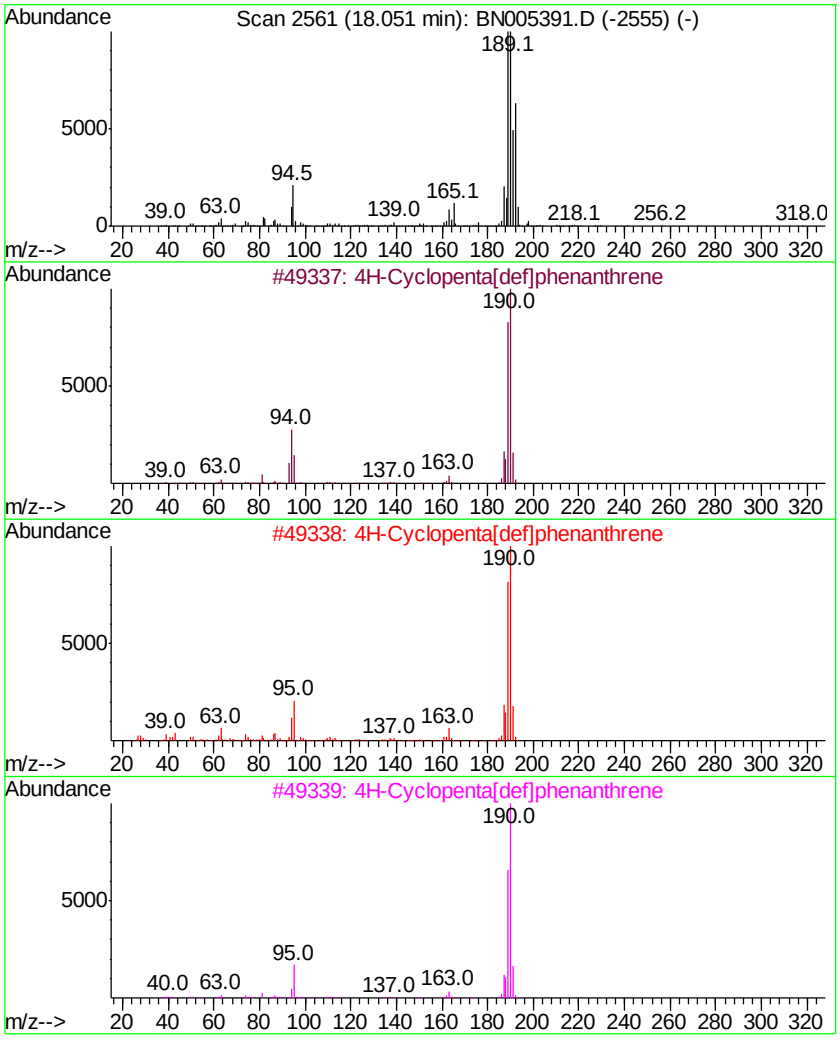
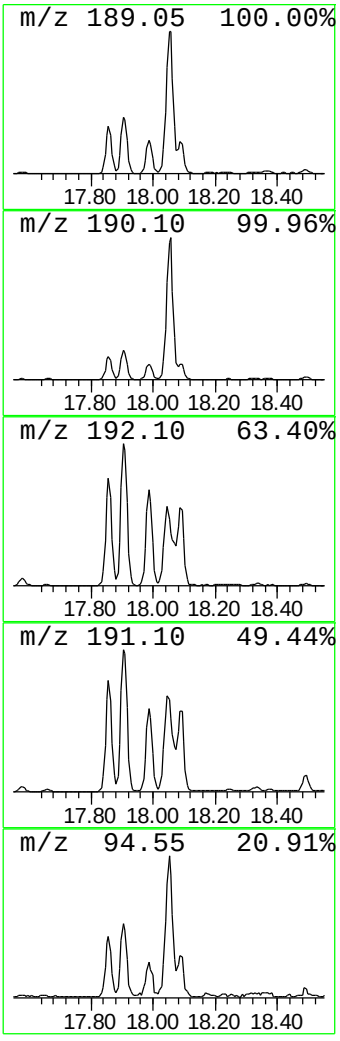
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	21.44 ng/ul	7172760	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20





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Sample : K2497-02ME 5X
Misc :
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ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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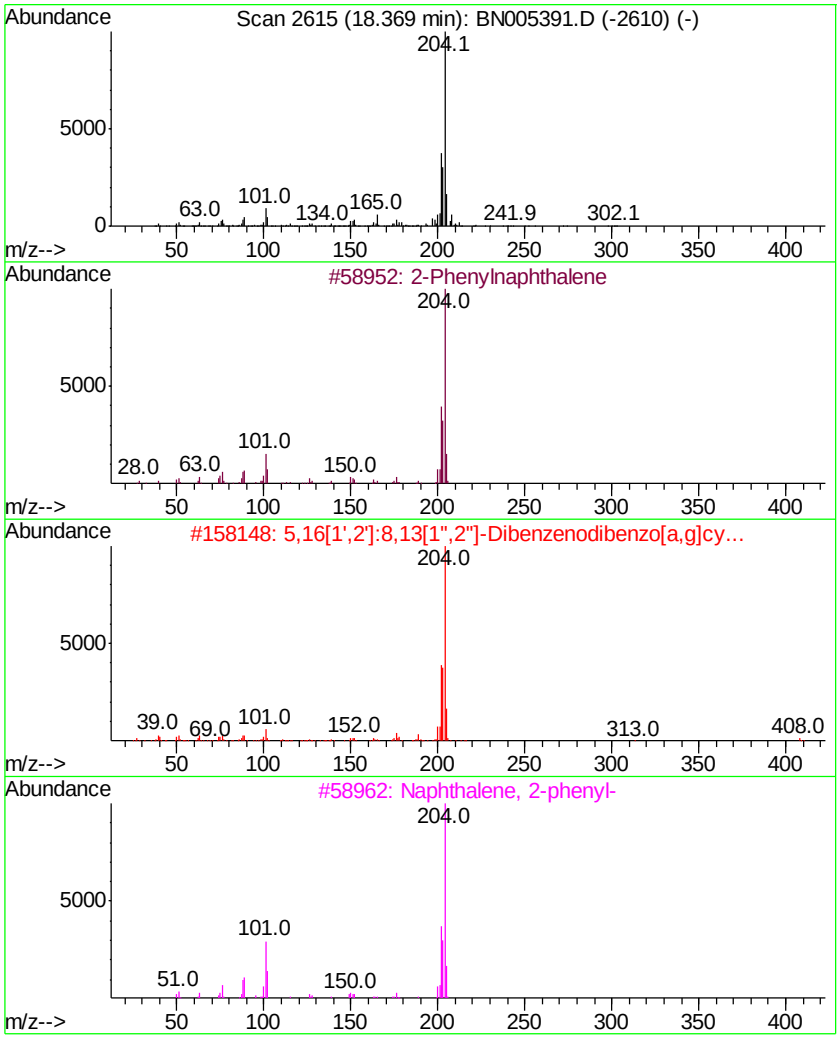
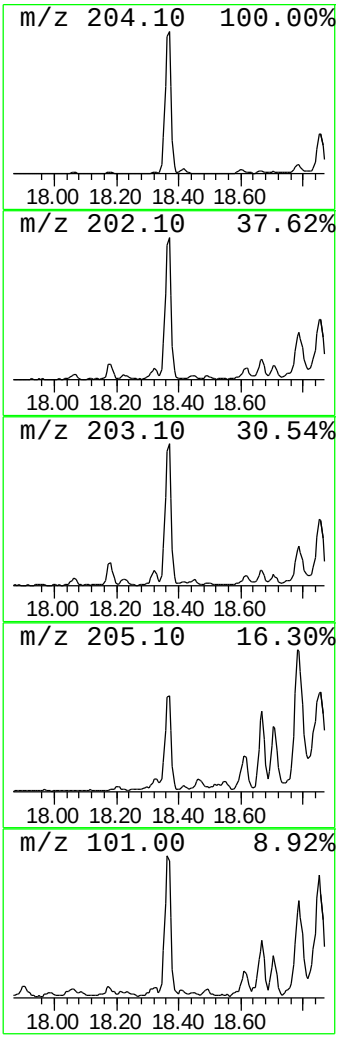
Peak Number 16 2-Phenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	9.15 ng/ul	3060230	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Quant Title : SVOA CALIBRATION

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

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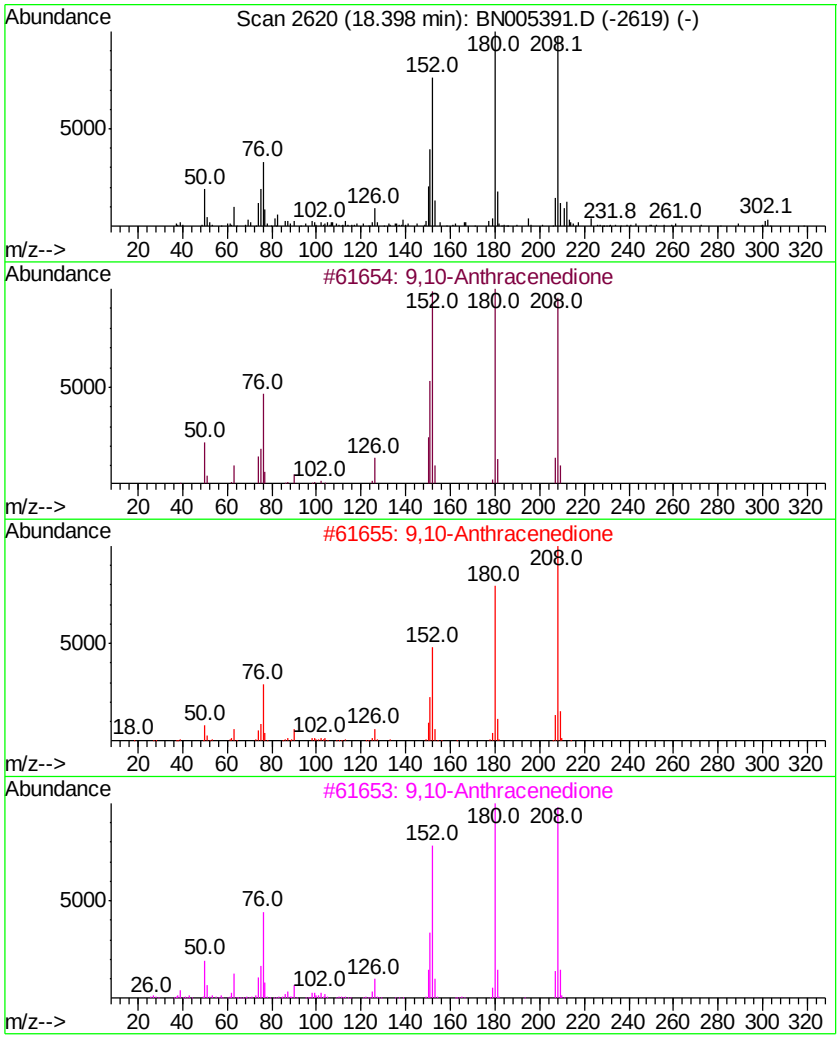
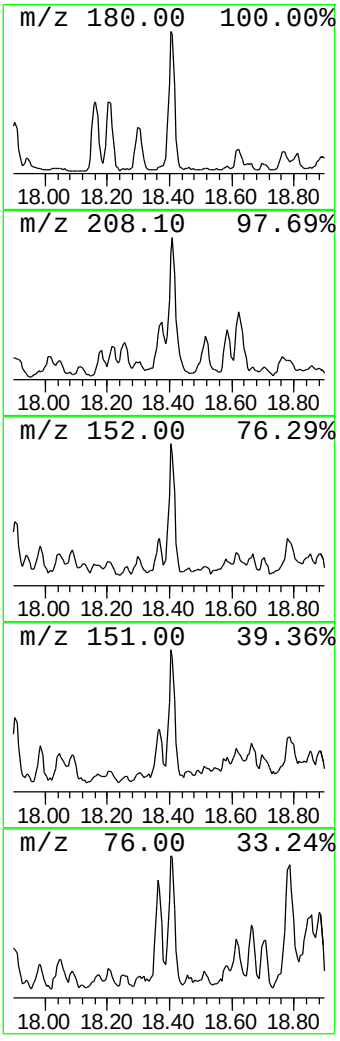
Peak Number 17 9,10-Anthracenedione Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.38 ng/ul	795489	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	50





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Quant Title : SVOA CALIBRATION

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

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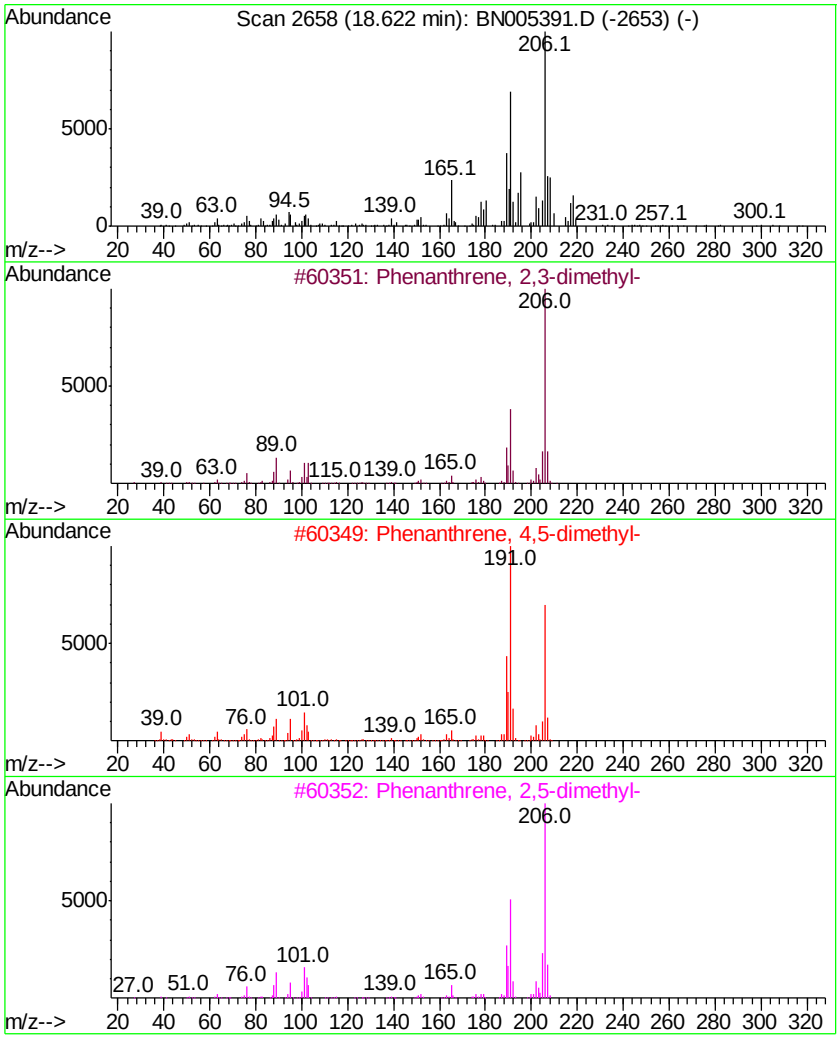
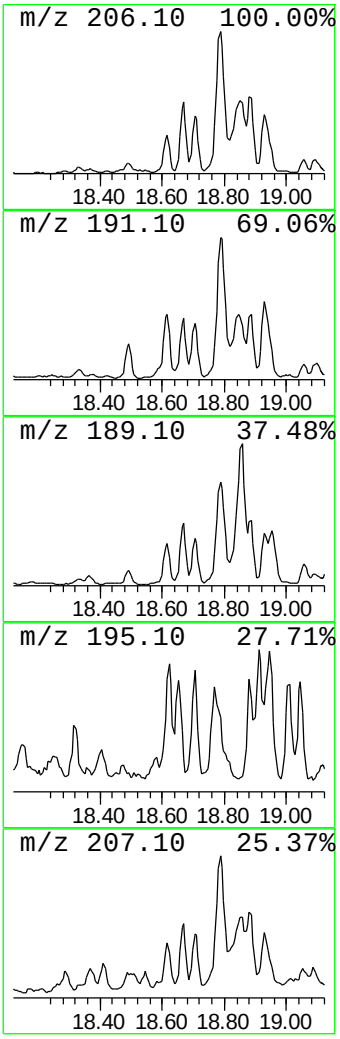
Peak Number 18 Phenanthrene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.63 ng/ul	1549610	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





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

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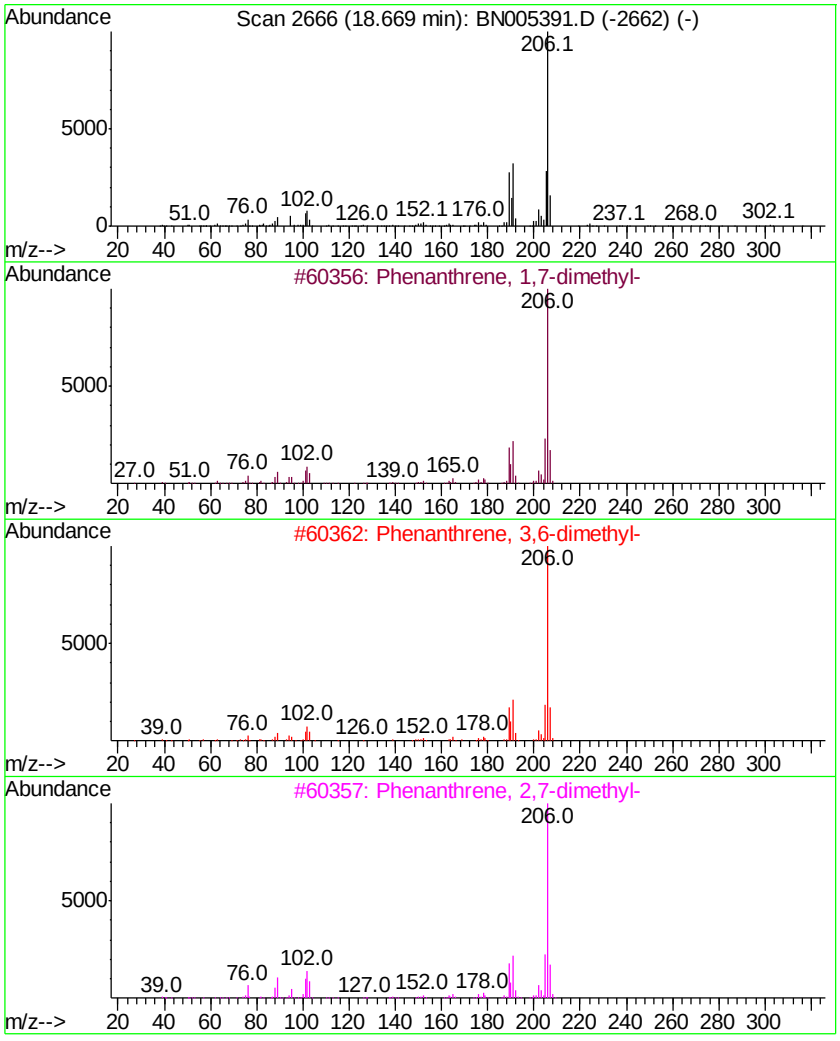
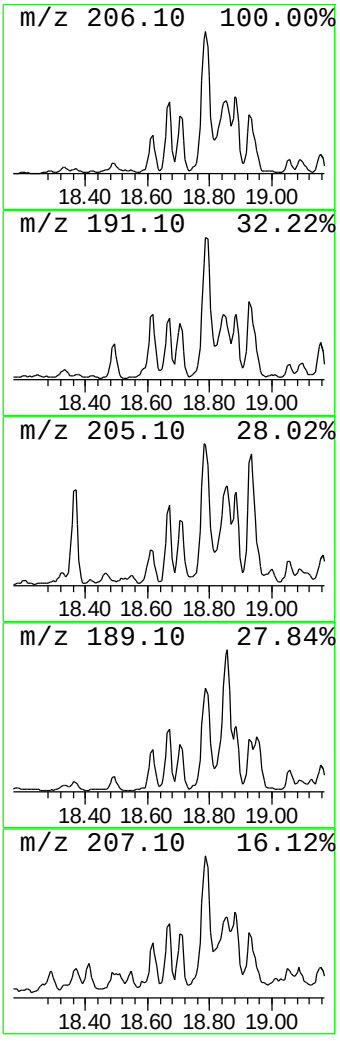
Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.59 ng/ul	1537030	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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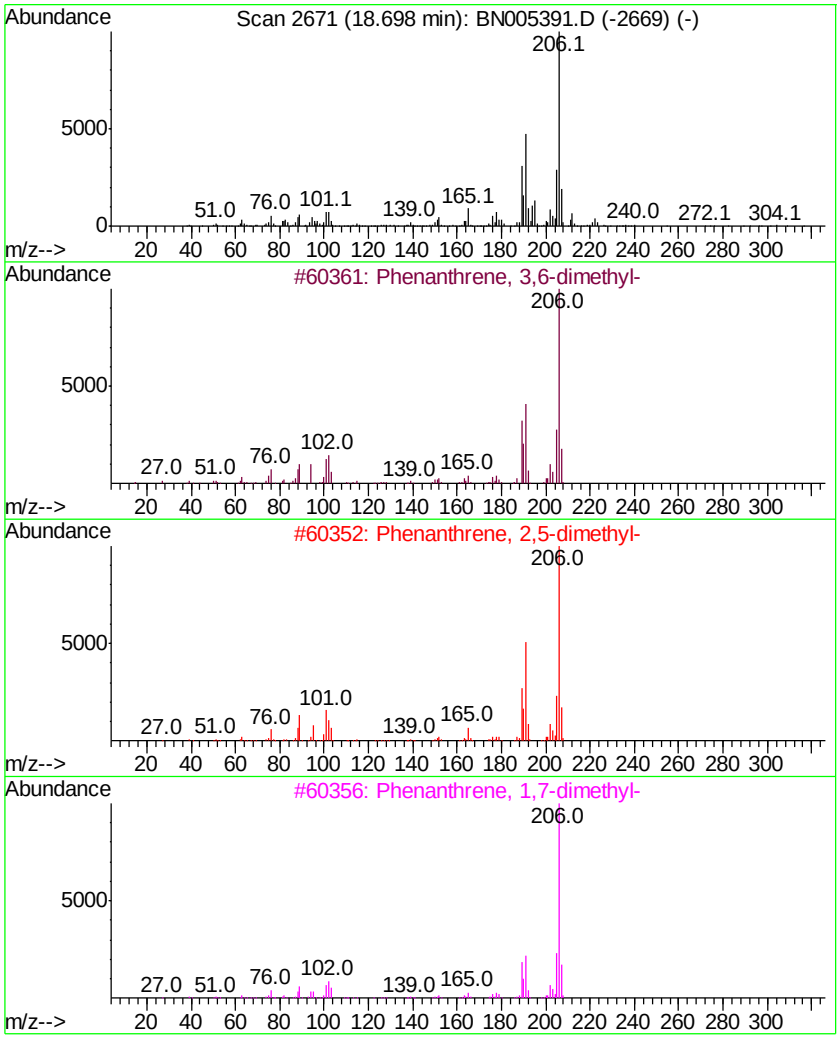
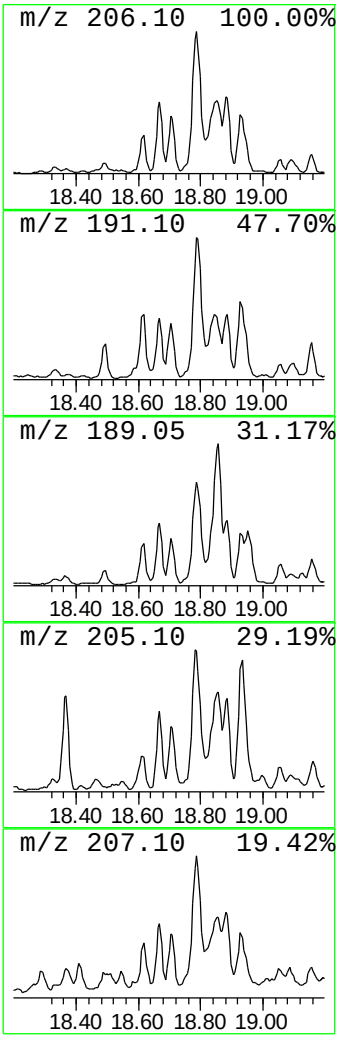
Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.35 ng/ul	1454460	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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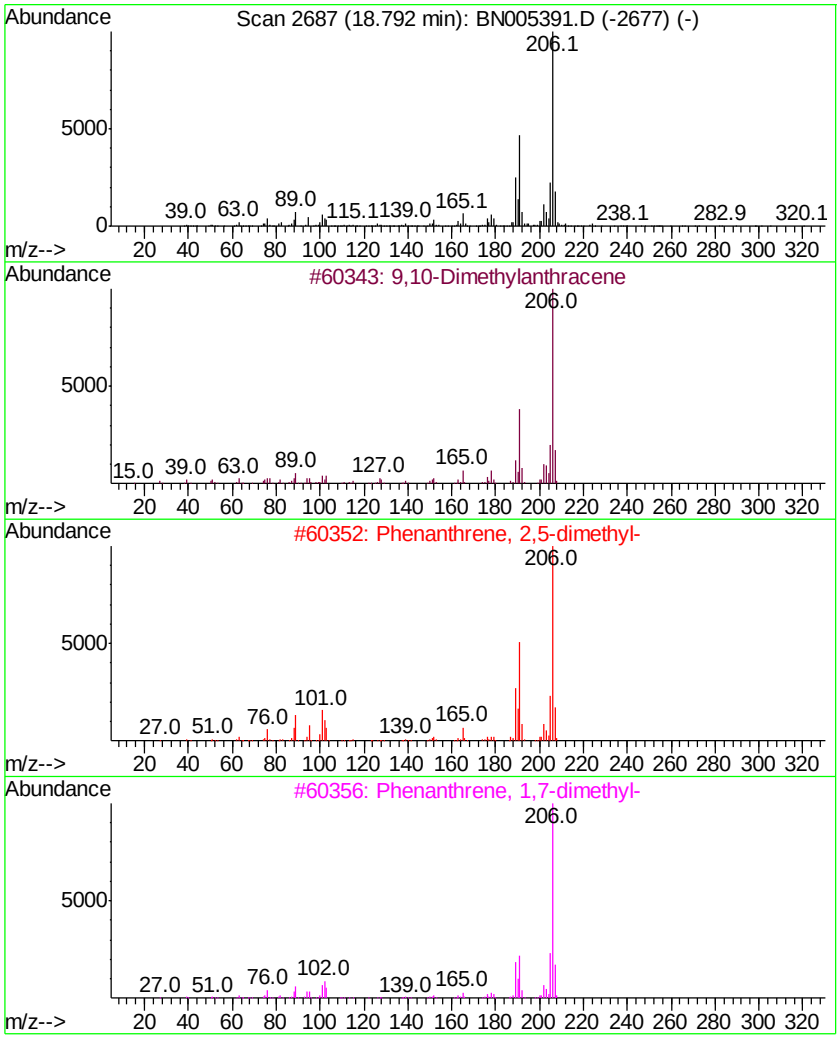
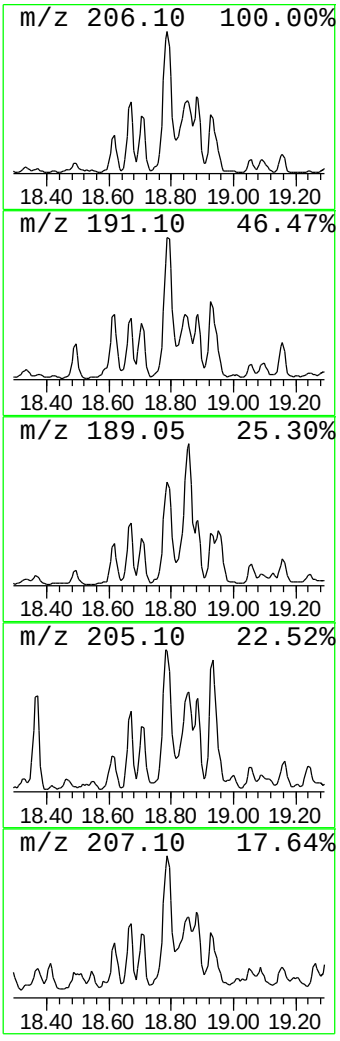
Peak Number 21 9,10-Dimethylanthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	15.92 ng/ul	5325500	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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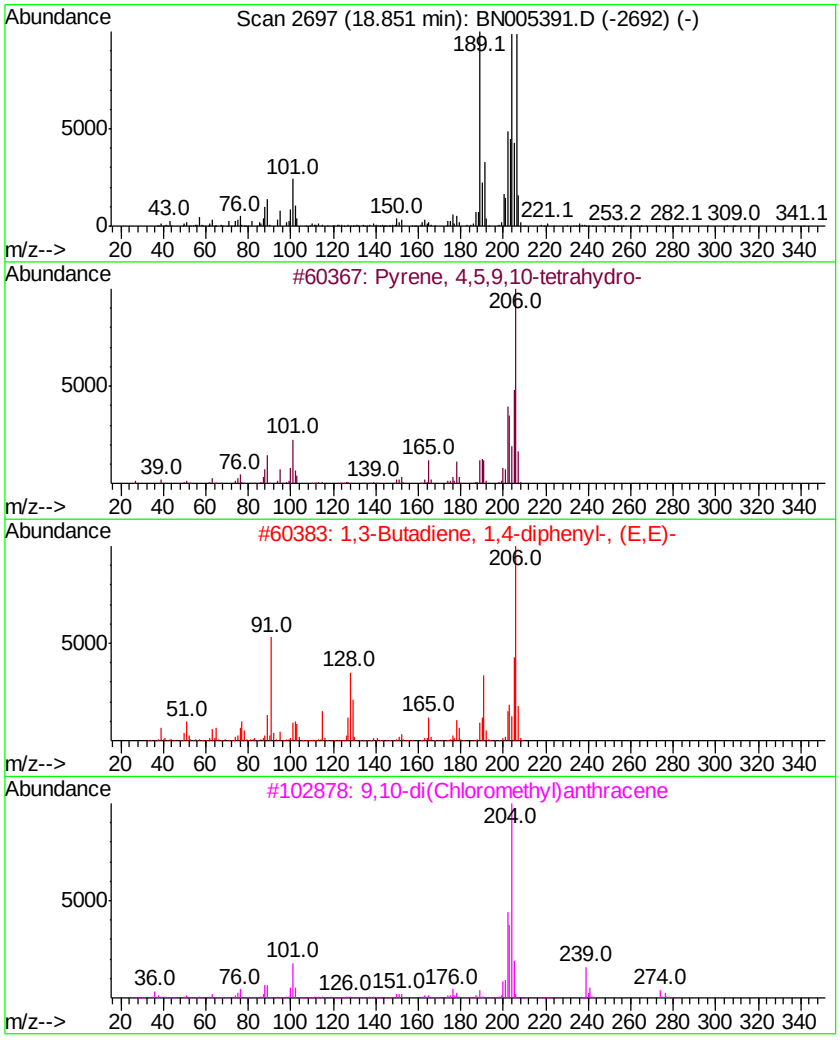
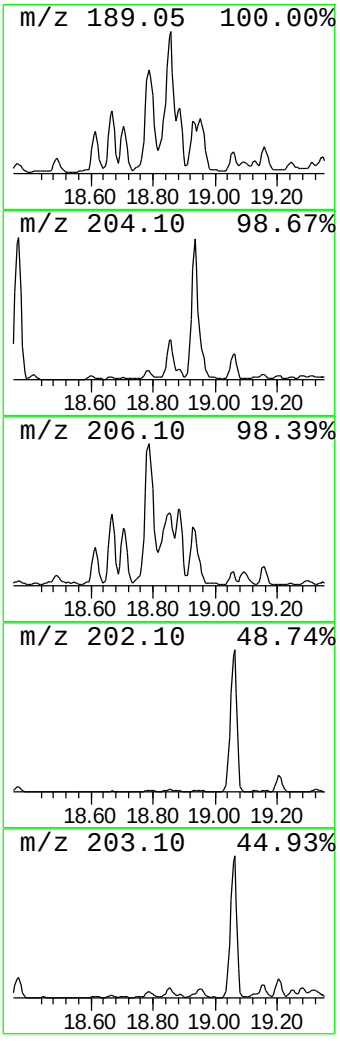
Peak Number 22 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	10.65 ng/ul	3562330	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	56
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	42
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	30





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Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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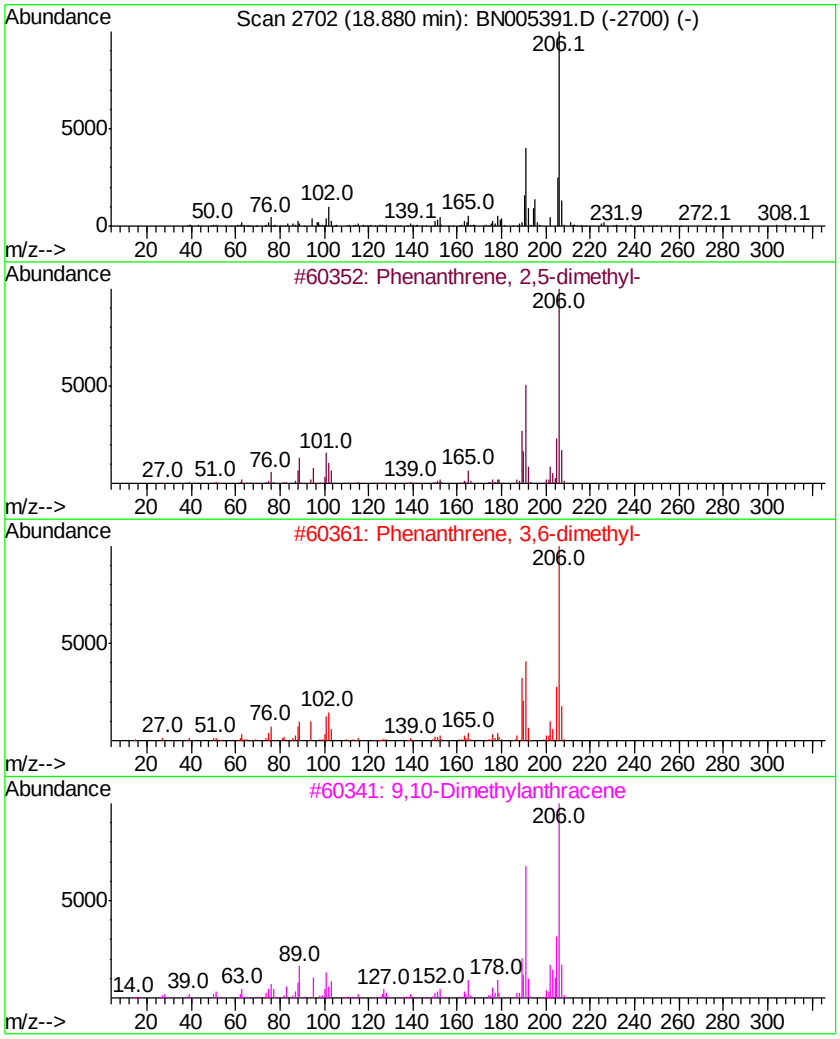
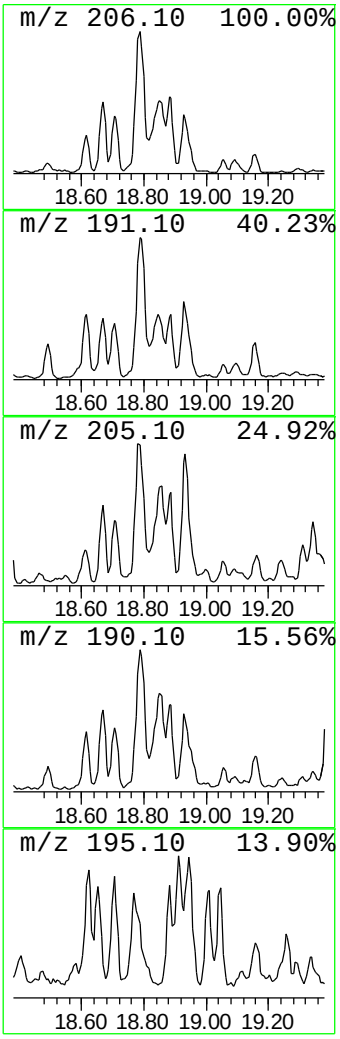
Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	5.27 ng/ul	1764760	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	72
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	59





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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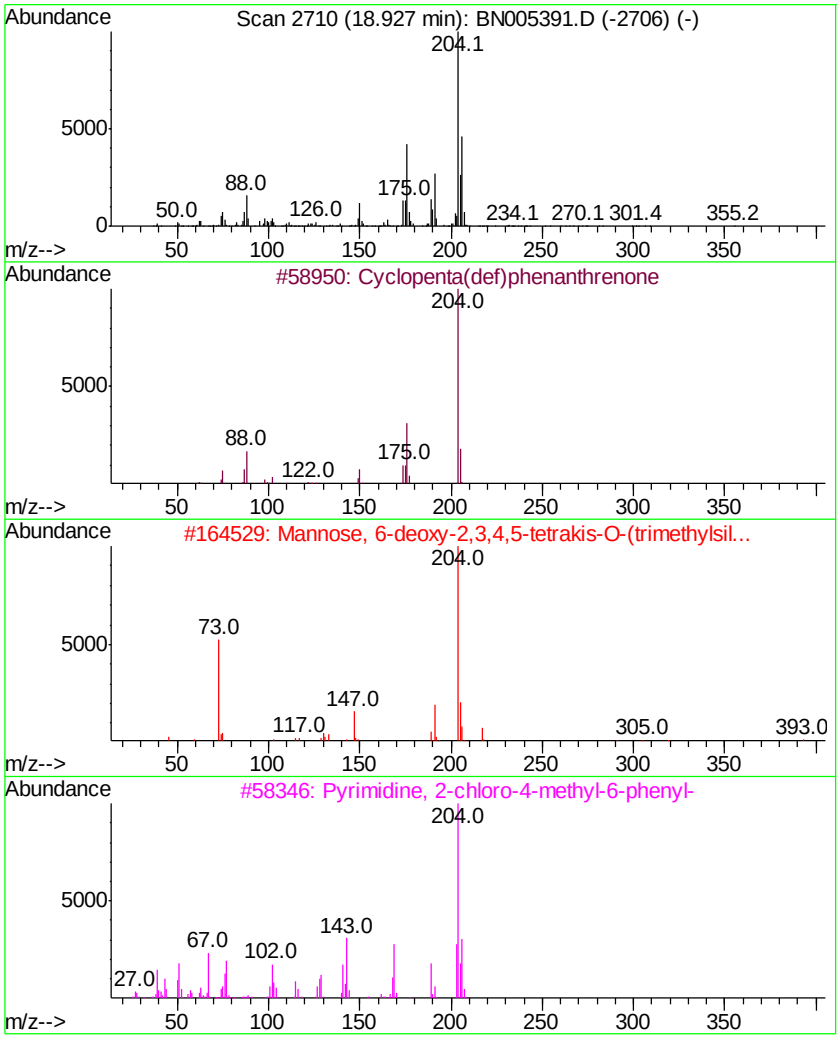
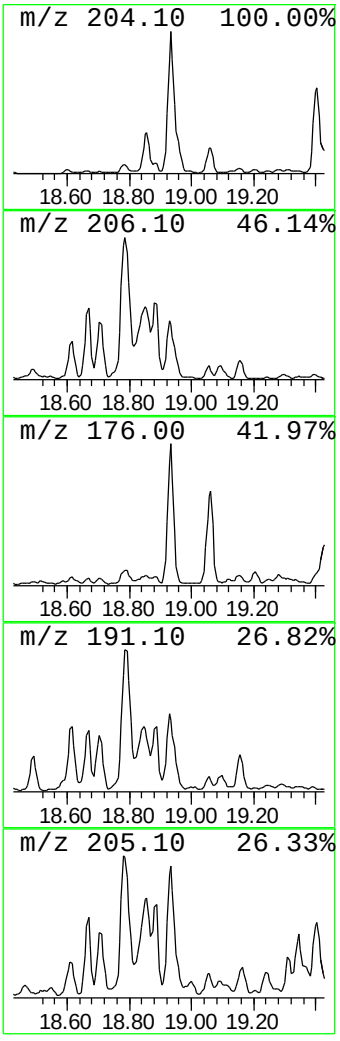
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	14.77 ng/ul	4942990	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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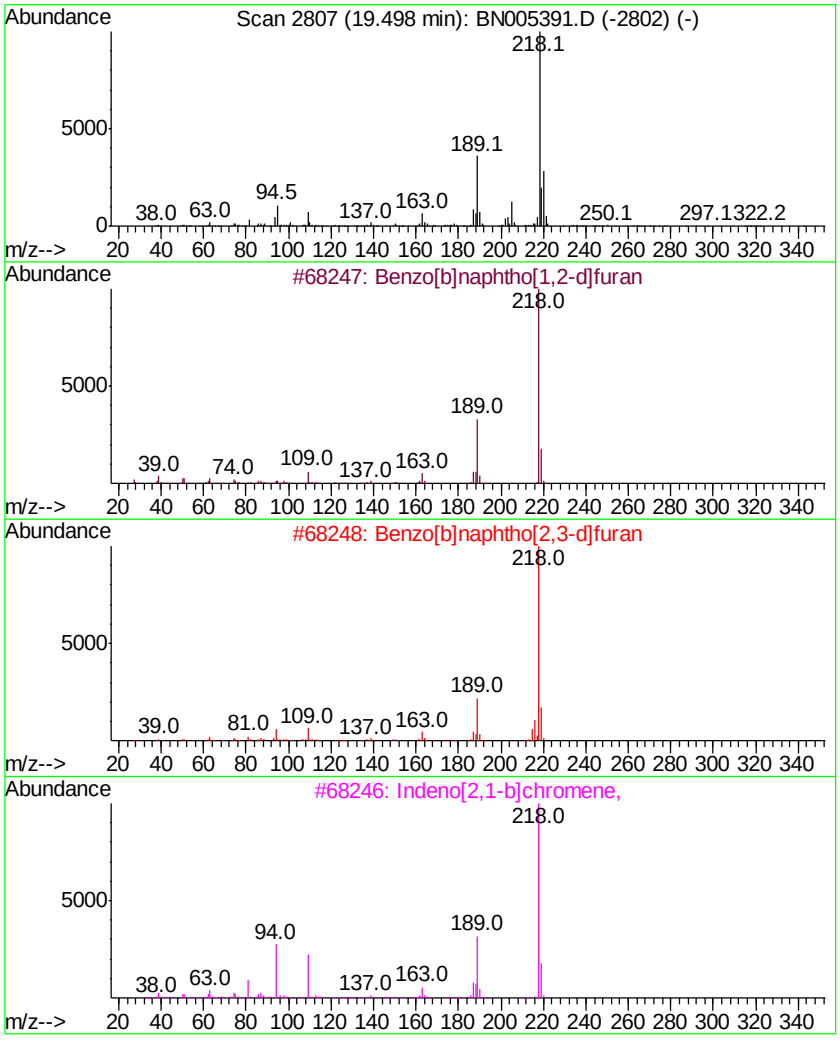
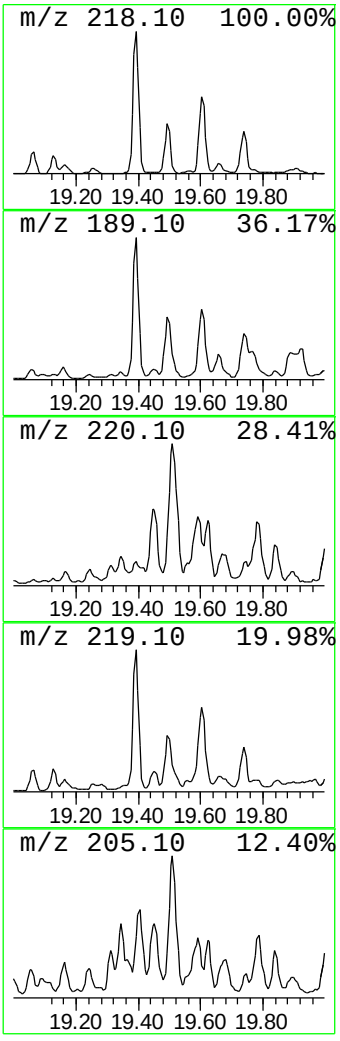
Peak Number 25 Benzo[b]naphtho[1,2-d]furan Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.78 ng/ul	3666290	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	95
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	93
3	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	76
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	76
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	70





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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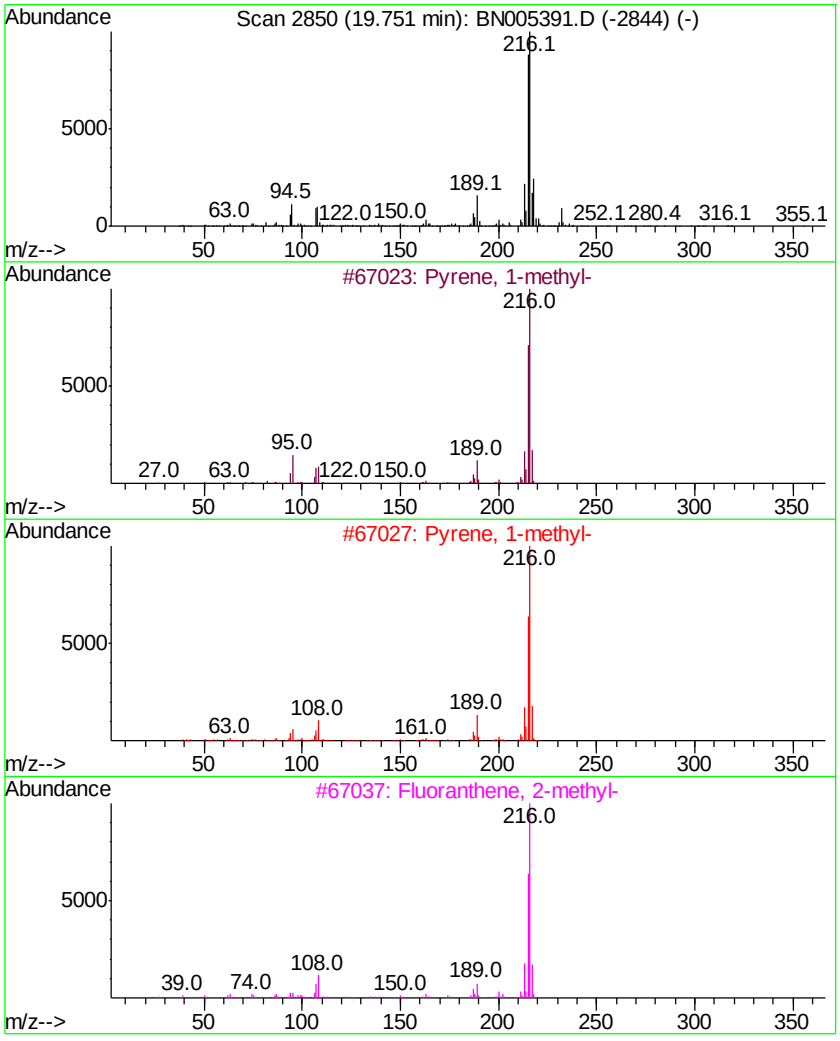
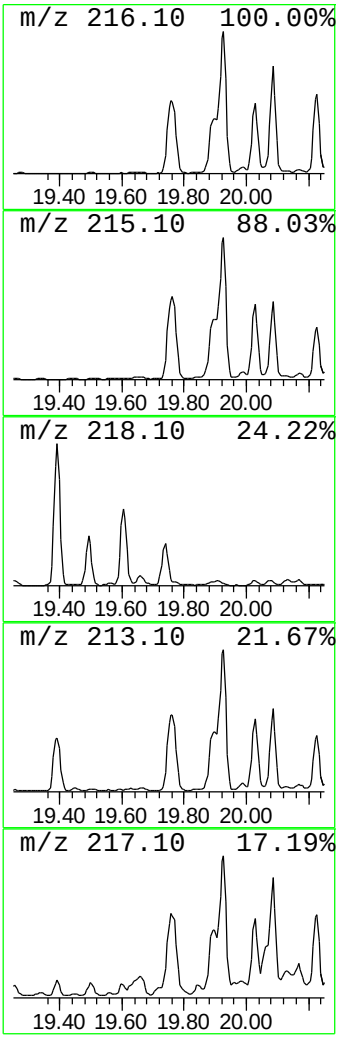
Peak Number 27 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	5.08 ng/ul	6693710	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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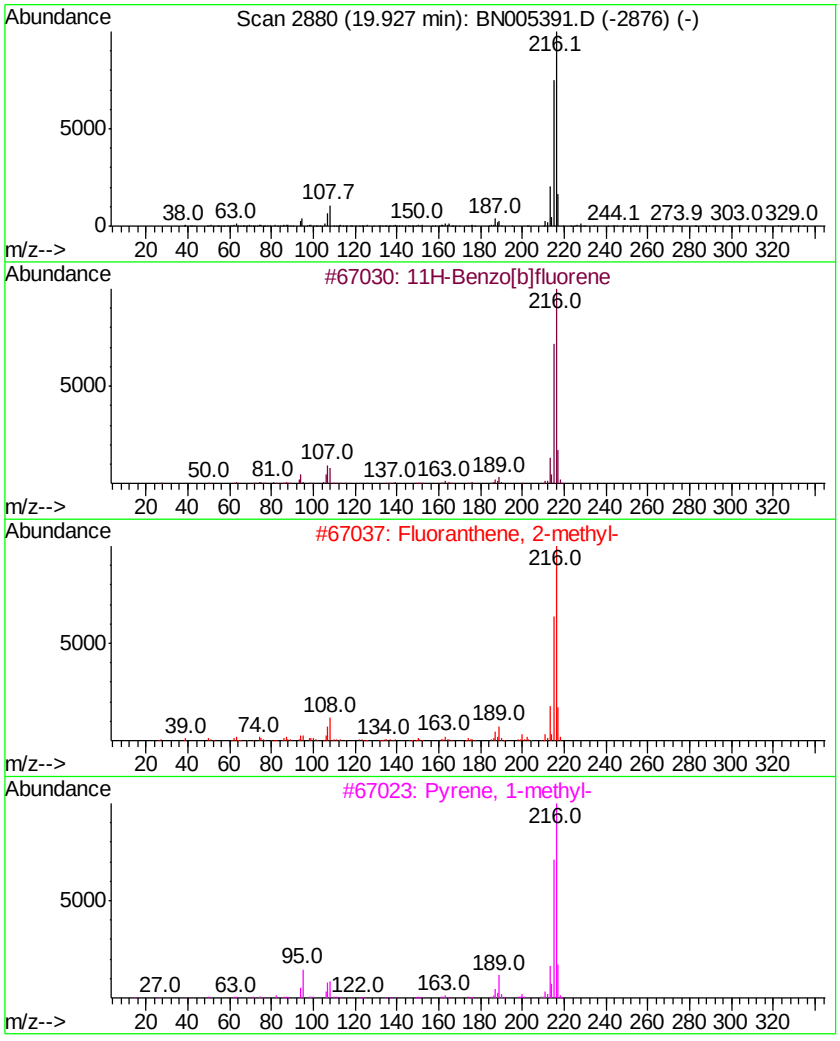
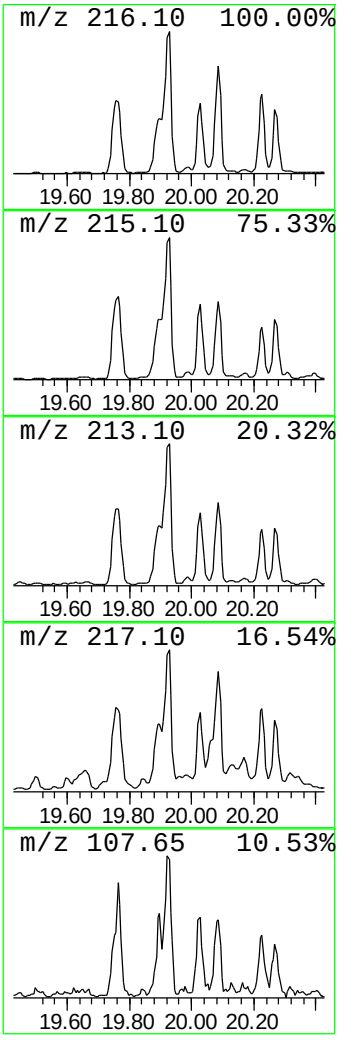
Peak Number 29 11H-Benzo[b]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.38 ng/ul	5773990	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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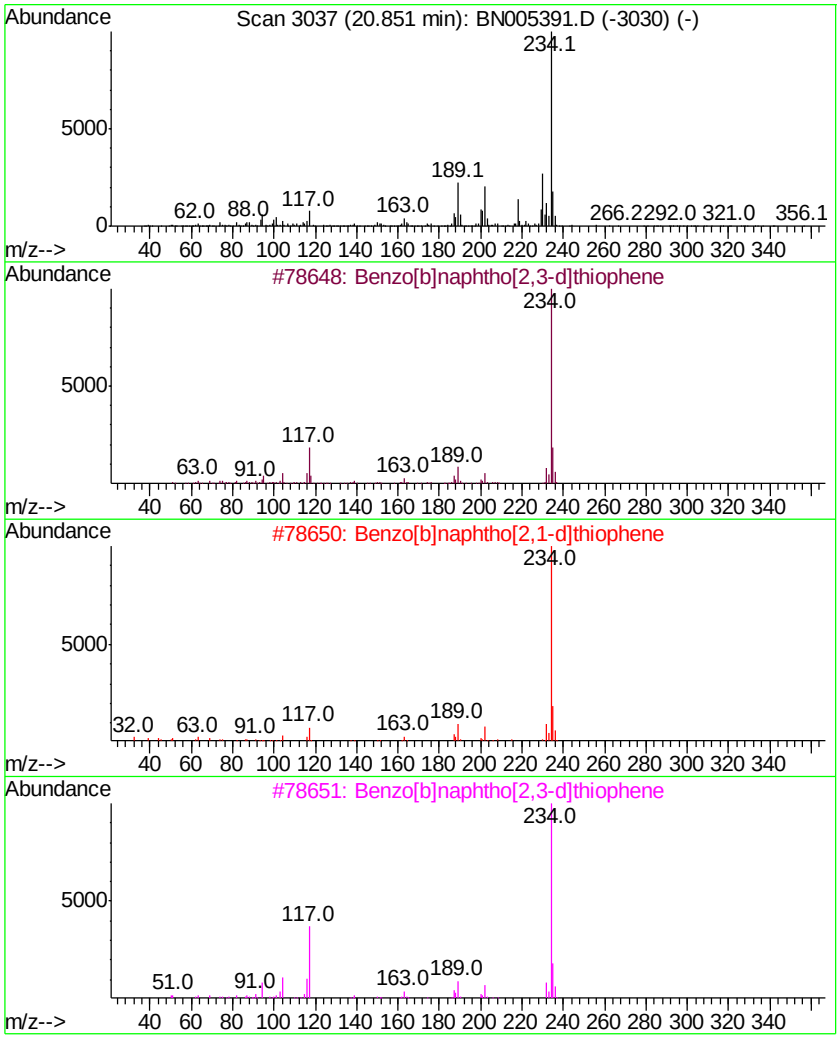
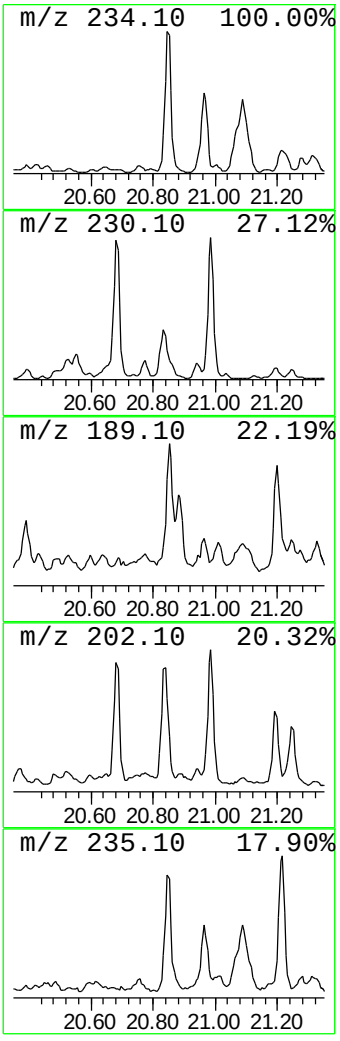
Peak Number 33 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.89 ng/ul	3807160	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	55
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	46





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Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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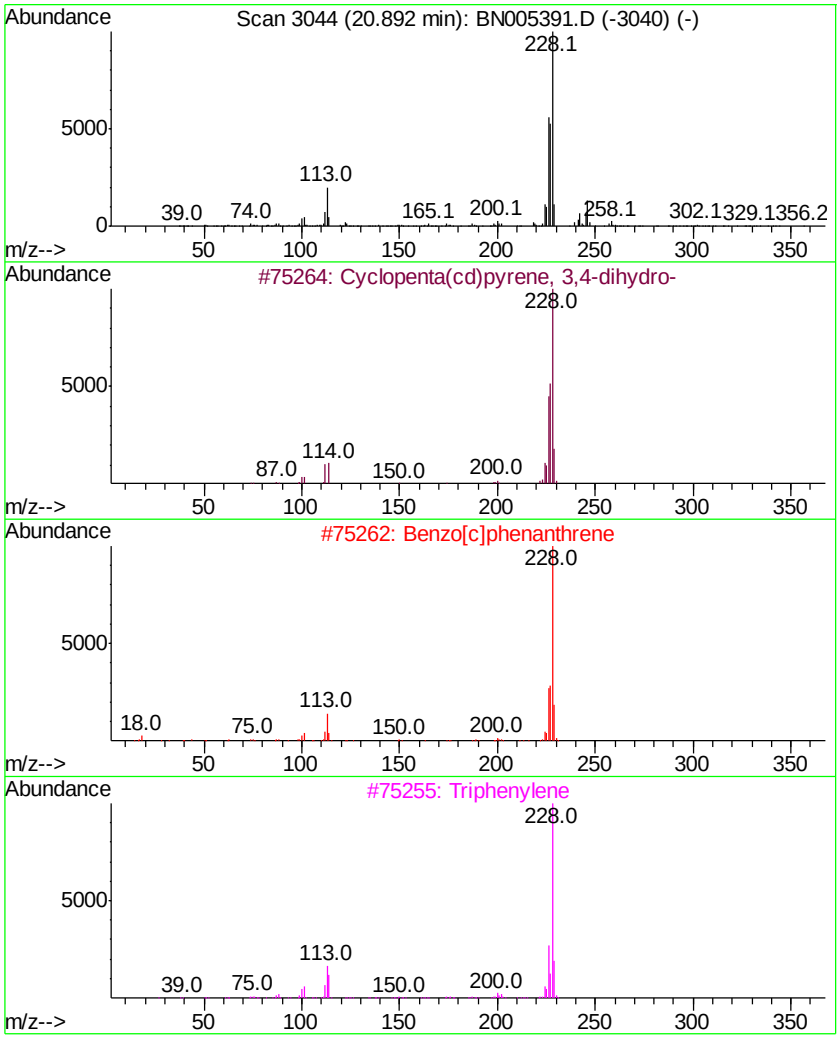
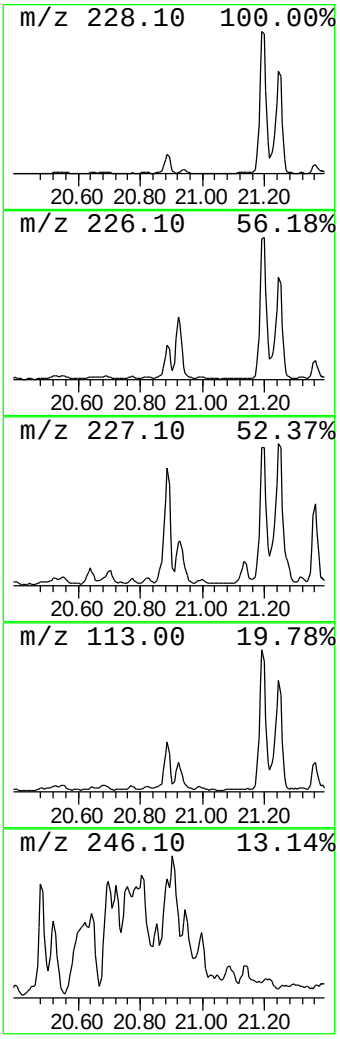
Peak Number 34 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.31 ng/ul	3043100	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3	Triphenylene	228	C18H12	000217-59-4	45
4	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	43
5	Triphenylene	228	C18H12	000217-59-4	38





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

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Quant Title : SVOA CALIBRATION

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

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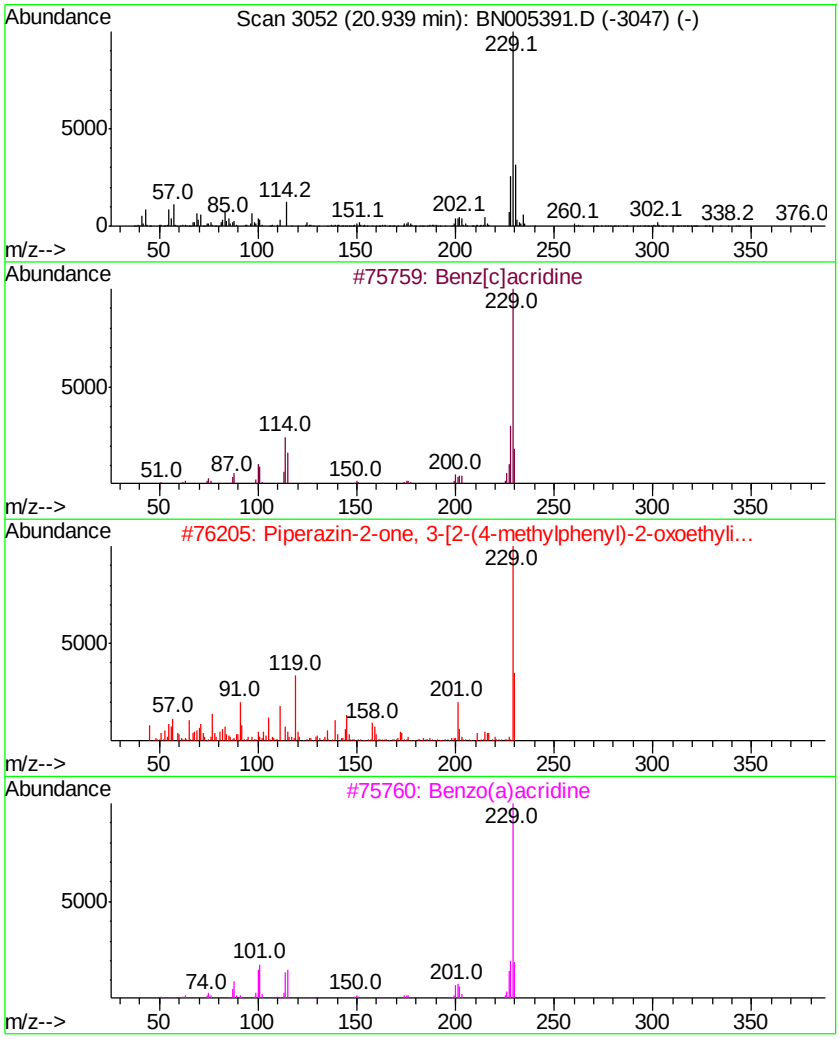
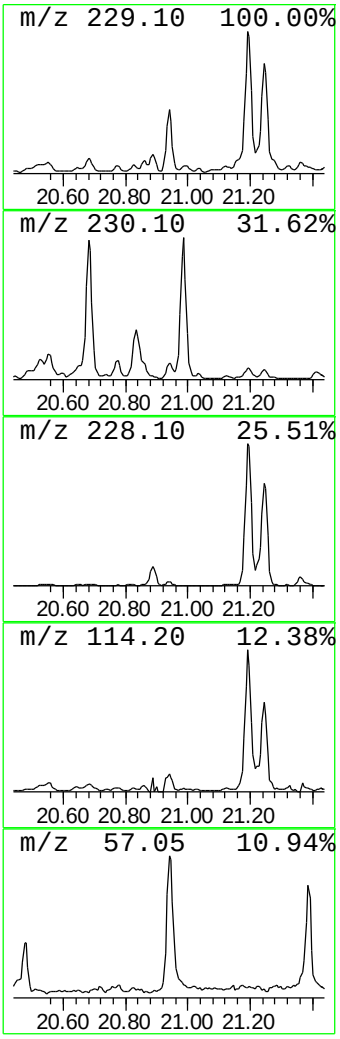
Peak Number 35 Benz[c]acridine Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.56 ng/ul	3372910	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	81
2	Piperazin-2-one, 3-[2-(4-methylp...	230	C13H14N2O2	063656-21-3	59
3	Benzo(a)acridine	229	C17H11N	000225-11-6	53
4	Ferrocene, [(hydroxyimino)methyl...	229	C11H11FeNO	032679-07-5	47
5	Pyridine-3-carbonitrile, 4-methy...	230	C12H10N2OS	1000264-04-1	42





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Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

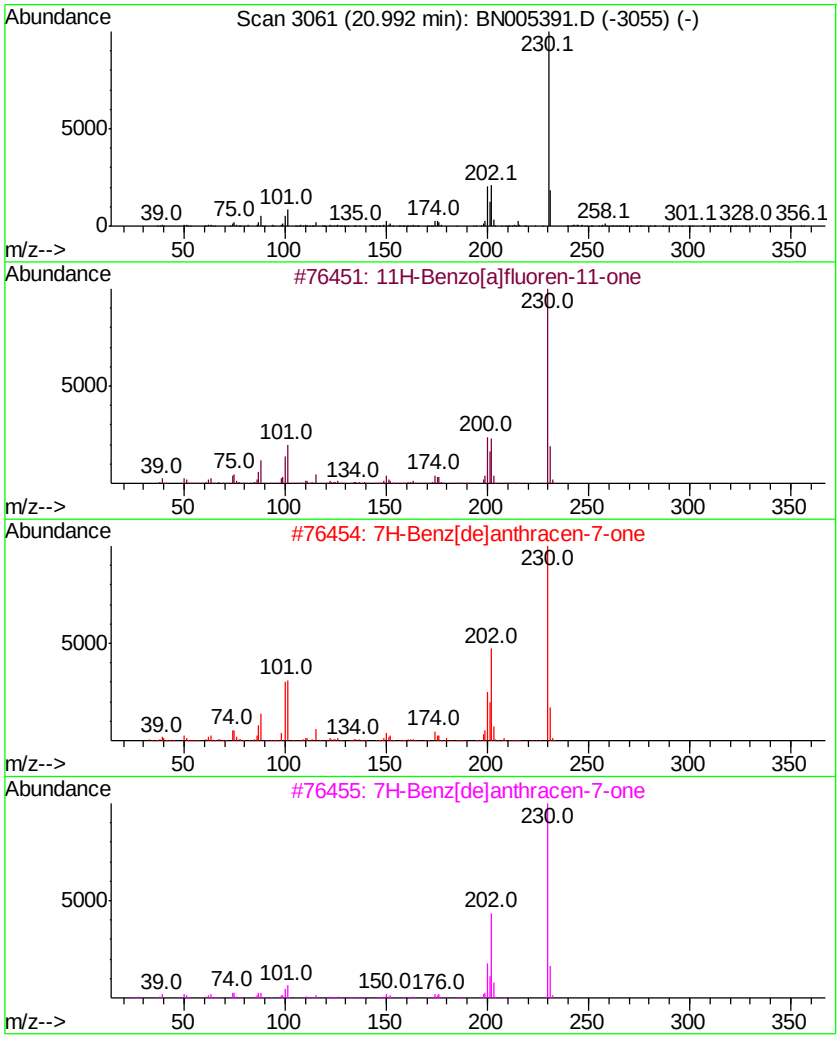
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

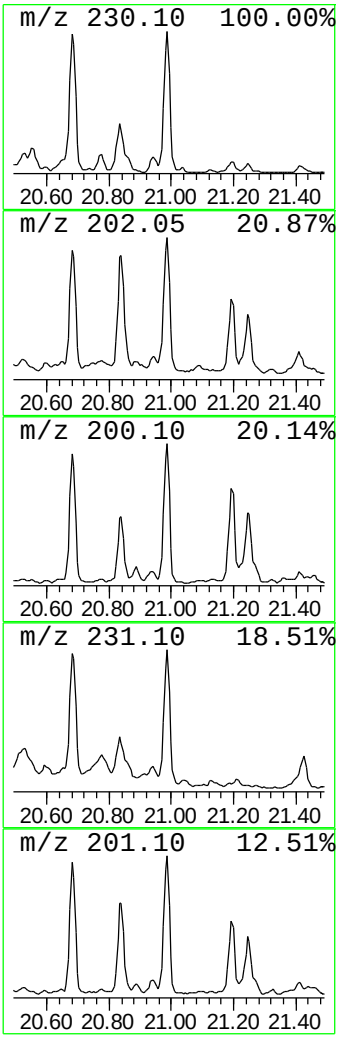
****

Peak Number 36 11H-Benzo[a]fluoren-11-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.14 ng/ul	5459390	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

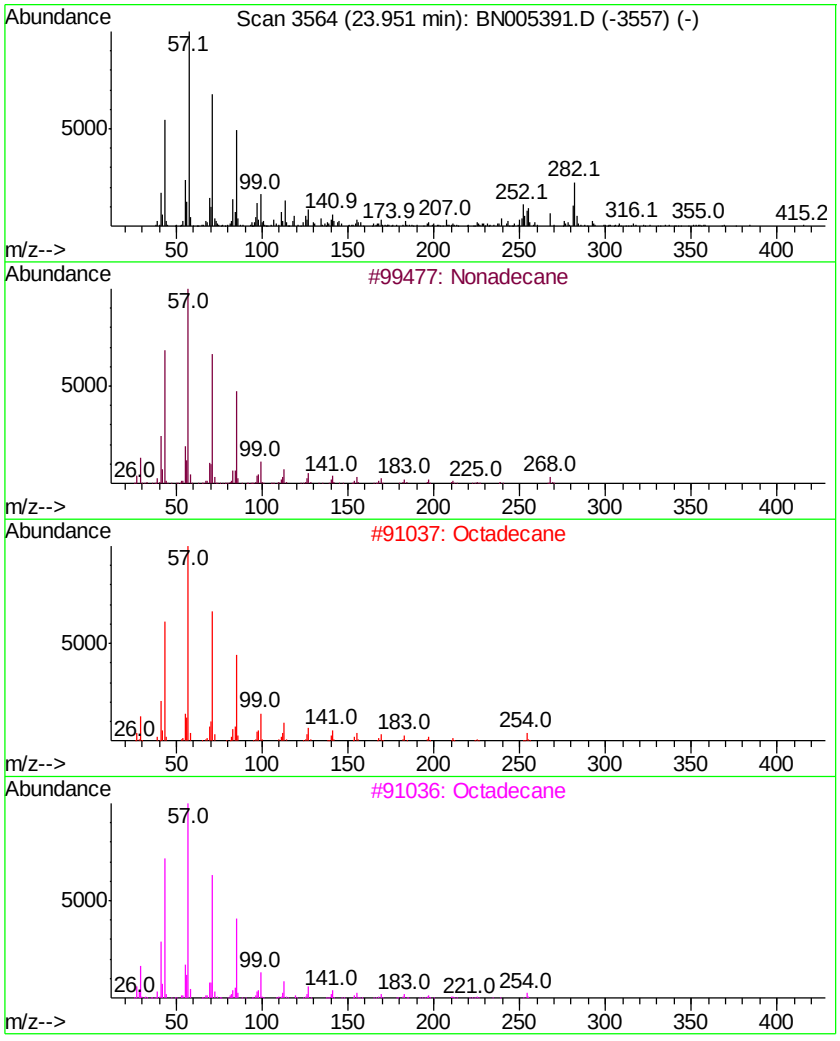
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

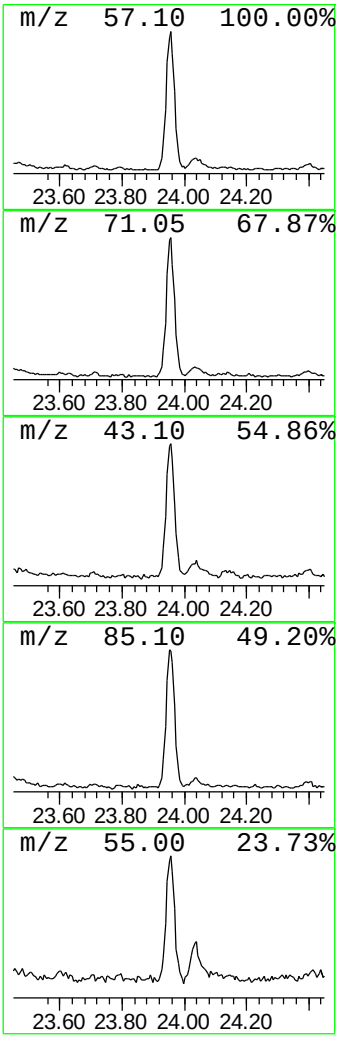
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	4.61 ng/ul	1344940	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Octadecane	254	C18H38	000593-45-3	70
3	Octadecane	254	C18H38	000593-45-3	70
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
5	Octacosane	394	C28H58	000630-02-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005391.D
Acq On : 01 May 2019 03:10
Operator : JU/SJ
Sample : K2497-02ME 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHX8ME

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
Naphthalene, 2,3,...	14.85	2.5	ng/ul	674858	3	14.23	5286710	20.0
Dibenzofuran, 4-m...	15.57	3.2	ng/ul	850137	3	14.23	5286710	20.0
[1,1'-Biphenyl]-4...	15.73	3.2	ng/ul	1066210	4	16.98	6691930	20.0
9H-Fluorene, 2-me...	16.29	3.7	ng/ul	1239750	4	16.98	6691930	20.0
Naphtho[2,1-b]fur...	16.52	5.0	ng/ul	1689370	4	16.98	6691930	20.0
1,2-Naphthalenedi...	16.56	2.6	ng/ul	880803	4	16.98	6691930	20.0
9H-Fluoren-9-one	16.63	3.7	ng/ul	1225150	4	16.98	6691930	20.0
2,4,6-Trimethoxyb...	16.72	5.3	ng/ul	1764790	4	16.98	6691930	20.0
1,1'-Biphenyl, 3,...	17.17	3.8	ng/ul	1261330	4	16.98	6691930	20.0
3-Phenanthrol	17.56	3.8	ng/ul	1253070	4	16.98	6691930	20.0
Phenanthrene, 2-m...	17.86	10.4	ng/ul	3479960	4	16.98	6691930	20.0
4H-Cyclopenta[def...	18.05	21.4	ng/ul	7172760	4	16.98	6691930	20.0
2-Phenylnaphthalene	18.37	9.2	ng/ul	3060230	4	16.98	6691930	20.0
9,10-Anthracenedione	18.40	2.4	ng/ul	795489	4	16.98	6691930	20.0
Phenanthrene, 2,3...	18.62	4.6	ng/ul	1549610	4	16.98	6691930	20.0
Phenanthrene, 1,7...	18.67	4.6	ng/ul	1537030	4	16.98	6691930	20.0
Phenanthrene, 3,6...	18.70	4.3	ng/ul	1454460	4	16.98	6691930	20.0
9,10-Dimethylanth...	18.79	15.9	ng/ul	5325500	4	16.98	6691930	20.0
Pyrene, 4,5,9,10-...	18.85	10.7	ng/ul	3562330	4	16.98	6691930	20.0
Phenanthrene, 2,5...	18.88	5.3	ng/ul	1764760	4	16.98	6691930	20.0
Cyclopenta(def)ph...	18.93	14.8	ng/ul	4942990	4	16.98	6691930	20.0
Benzo[b]naphtho[1...	19.50	2.8	ng/ul	3666290	5	21.21	26368400	20.0
Pyrene, 1-methyl-	19.75	5.1	ng/ul	6693710	5	21.21	26368400	20.0
11H-Benzo[b]fluorene	19.93	4.4	ng/ul	5773990	5	21.21	26368400	20.0
Benzo[b]naphtho[2...	20.85	2.9	ng/ul	3807160	5	21.21	26368400	20.0
Cyclopenta(cd)pyr...	20.89	2.3	ng/ul	3043100	5	21.21	26368400	20.0
Benz[c]acridine	20.94	2.6	ng/ul	3372910	5	21.21	26368400	20.0
11H-Benzo[a]fluor...	20.99	4.1	ng/ul	5459390	5	21.21	26368400	20.0
(DEL) Alkane: Str...	23.95	4.6	ng/ul	1344940	6	23.40	5834130	20.0