LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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_P\METHODS\SOM-EPA-BP121820MA.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	3.828	105	109	117	rVB	331079	459954	1.55%	0.132%
2	6.993	640	647	662	rVB	526874	965023	3.25%	0.277%
3	7.157	669	675	684	rBV	438485	729722	2.45%	0.209%
4	7.357	703	709	717	rVB	597554	948453	3.19%	0.272%
5	7.822	782	788	796	rVB	846716	1366985	4.60%	0.392%
6	8.528	901	908	915	rBV	573760	937090	3.15%	0.269%
7	8.975	978	984	992	rVB	529211	902439	3.04%	0.259%
8	9.699	1099	1107	1120	rBV	440239	743988	2.50%	0.214%
9	10.240	1191	1199	1209	rBV	727280	1214195	4.08%	0.349%
10	10.616	1254	1263	1268	rBV	1196919	2062571	6.94%	0.592%
11	10.669	1268	1272	1280	rVV	488607	814062	2.74%	0.234%
12	10.751	1280	1286	1306	rVB	360488	744992	2.51%	0.214%
13	13.875	1813	1817	1822	rVV	1268252	1735015	5.84%	0.498%
14	14.157	1859	1865	1869	rVV	1510014	2668731	8.98%	0.766%
15	14.187	1869	1870	1885	rVB	998921	1168868	3.93%	0.336%
16	14.469	1908	1918	1924	rVV	1848234	2856268	9.61%	0.820%
17	14.534	1924	1929	1936	rVV	1075404	1626317	5.47%	0.467%
18	14.675	1947	1953	1962	rBV2	354670	597831	2.01%	0.172%
19	14.869	1981	1986	1994	rVV	890518	1344107	4.52%	0.386%
20	15.469	2079	2088	2092	rVV	1969471	2920980	9.82%	0.839%
21	15.522	2092	2097	2105	rVV	1111675	1747726	5.88%	0.502%
22	15.592	2105	2109	2115	rVV2	251084	499752	1.68%	0.143%
23	15.816	2143	2147	2157	rVB	433184	695302	2.34%	0.200%
24	15.963	2157	2172	2180	rBV	478374	1057890	3.56%	0.304%
25	16.763	2299	2308	2312	rBV3	329900	639877	2.15%	0.184%
26	16.881	2323	2328	2336	rVB	996039	1506950	5.07%	0.433%
27	16.963	2336	2342	2352	rBV2	337865	916812	3.08%	0.263%
28	17.045	2352	2356	2366	rVB	823327	1287870	4.33%	0.370%
29	17.233	2382	2388	2391	rBV	2065845	3361064	11.30%	0.965%
30	17.280	2391	2396	2401	rVV	13393317	20933009	70.40%	6.009%
31	17.333	2401	2405	2407	rVV2	2153834	3027840	10.18%	0.869%
32	17.363	2407	2410	2416	rVB	3300549	4548107	15.30%	1.306%
33	17.422	2416	2420	2426	rVB2	360034	542756	1.83%	0.156%
34	17.633	2446	2456	2461	rBV2	1455975	2567359	8.63%	0.737%

LSC Area Percent Report

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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

35	17.751	2471	2476	2482	rVB2	417088	590561	1.99%	0.170%
36	17.810	2482	2486	2495	rVB4	311629	546240	1.84%	0.157%
37	18.104	2526	2536	2539	rBV	1792873	2804654	9.43%	0.805%
38	18.151	2539	2544	2549	rVB	2594675	3687271	12.40%	1.059%
39	18.227	2551	2557	2561	rBV	893644	1240208	4.17%	0.356%
40	18.292	2561	2568	2571	rBV2	2466828	4458766	15.00%	1.280%
41	18.327	2571	2574	2580	rVB	1315478	1705478	5.74%	0.490%
42	18.586	2613	2618	2621	rVV	1764664	2232043	7.51%	0.641%
43	18.627	2621	2625	2630	rVB	1633131	2164027	7.28%	0.621%
44	18.822	2655	2658	2662	rVV3	553044	755861	2.54%	0.217%
45	18.869	2663	2666	2670	rVV	426811	583036	1.96%	0.167%
46	18.910	2670	2673	2677	rVB	455434	576484	1.94%	0.165%
47	18.992	2681	2687	2691	rVV2	1089392	1917731	6.45%	0.551%
48	19.051	2695	2697	2700	rVV2	611074	869830	2.93%	0.250%
49	19.080	2700	2702	2706	rVV	493412	590544	1.99%	0.170%
50	19.127	2706	2710	2718	rVB	1515865	2425956	8.16%	0.696%
51	19.257	2724	2732	2737	rVB	18934852	29732299	100.00%	8.536%
52	19.310	2737	2741	2744	rBV	313538	427825	1.44%	0.123%
53	19.345	2744	2747	2751	rVB	614151	769426	2.59%	0.221%
54	19.392	2751	2755	2759	rBV	1022418	1277622	4.30%	0.367%
55	19.445	2759	2764	2766	rBV2	405293	659079	2.22%	0.189%
56	19.486	2767	2771	2774	rVB	618630	810623	2.73%	0.233%
57	19.574	2780	2786	2788	rBV3	6259153	9441533	31.76%	2.710%
58	19.610	2788	2792	2798	rVV	17801355	25874160	87.02%	7.428%
59	19.669	2798	2802	2809	rVB2	1090340	1757532	5.91%	0.505%
60	19.774	2815	2820	2825	rBV	1268627	1716616	5.77%	0.493%
61	19.833	2825	2830	2835	rVB	1203261	1804156	6.07%	0.518%
62	19.922	2838	2845	2850	rBV3	1442033	3667639	12.34%	1.053%
63	20.051	2861	2867	2868	rVV4	1072147	1716605	5.77%	0.493%
64	20.080	2869	2872	2877	rVB	1984484	2763605	9.29%	0.793%
65	20.180	2885	2889	2892	rBV	948625	1176775	3.96%	0.338%
66	20.239	2892	2899	2903	rVV2	1920553	3419498	11.50%	0.982%
67	20.274	2903	2905	2909	rVB	528317	534666	1.80%	0.153%
68	20.316	2909	2912	2917	rBV3	442090	566401	1.91%	0.163%
69	20.374	2918	2922	2925	rBV	1201485	1466884	4.93%	0.421%
70	20.422	2925	2930	2933	rVB2	1151983	1549633	5.21%	0.445%
71	20.627	2961	2965	2967	rBV3	331878	512594	1.72%	0.147%

LSC Area Percent Report

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Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

72	20.816	2993	2997	3003	rVB	2394606	3152408	10.60%	0.905%
73	20.974	3018	3024	3028	rBV2	1767459	3474527	11.69%	0.997%
74	21.016	3028	3031	3034	rVV	2149992	2868812	9.65%	0.824%
75	21.057	3034	3038	3042	rVV2	2387833	4128297	13.88%	1.185%
76	21.104	3042	3046	3054	rVB2	2344713	3626736	12.20%	1.041%
77	21.216	3058	3065	3072	rBV4	544648	1669575	5.62%	0.479%
78	21.316	3073	3082	3087	rVV3	13101696	23987294	80.68%	6.886%
79	21.369	3087	3091	3100	rVB	10040540	14840009	49.91%	4.260%
80	21.486	3106	3111	3116	rBV	1509034	2288456	7.70%	0.657%
81	21.533	3116	3119	3123	rBV3	716108	1118208	3.76%	0.321%
82	21.645	3134	3138	3143	rBV2	1493595	2258005	7.59%	0.648%
83	21.698	3144	3147	3150	rVV3	386622	458780	1.54%	0.132%
84	21.833	3167	3170	3173	rBV2	408418	466223	1.57%	0.134%
85	21.892	3174	3180	3184	rVV	1727072	2793950	9.40%	0.802%
86	21.951	3187	3190	3195	rVB2	1053082	1511499	5.08%	0.434%
87	22.016	3198	3201	3205	rVV2	379508	489983	1.65%	0.141%
88	22.104	3212	3216	3218	rBV	799132	1161839	3.91%	0.334%
89	22.204	3229	3233	3238	rVB2	743610	1135203	3.82%	0.326%
90	22.704	3313	3318	3329	rVB2	844430	2112873	7.11%	0.607%
91	22.980	3357	3365	3370	rBV	8544284	22315280	75.05%	6.406%
92	23.157	3389	3395	3400	rBV	1720213	3059965	10.29%	0.878%
93	23.298	3415	3419	3427	rBV3	485487	1265746	4.26%	0.363%
94	23.486	3444	3451	3456	rBV	4879394	10118622	34.03%	2.905%
95	23.539	3457	3460	3463	rVV	1414860	2507754	8.43%	0.720%
96	23.592	3463	3469	3476	rVB	7866645	15702910	52.81%	4.508%
97	23.686	3480	3485	3489	rVV	1673854	3292766	11.07%	0.945%
98	23.739	3490	3494	3503	rVB	2523789	5176453	17.41%	1.486%
99	26.121	3889	3899	3910	rVB	4190521	13244849	44.55%	3.802%
100	26.862	4016	4025	4042	rVB	2746134	9172248	30.85%	2.633%

Sum of corrected areas: 348333036

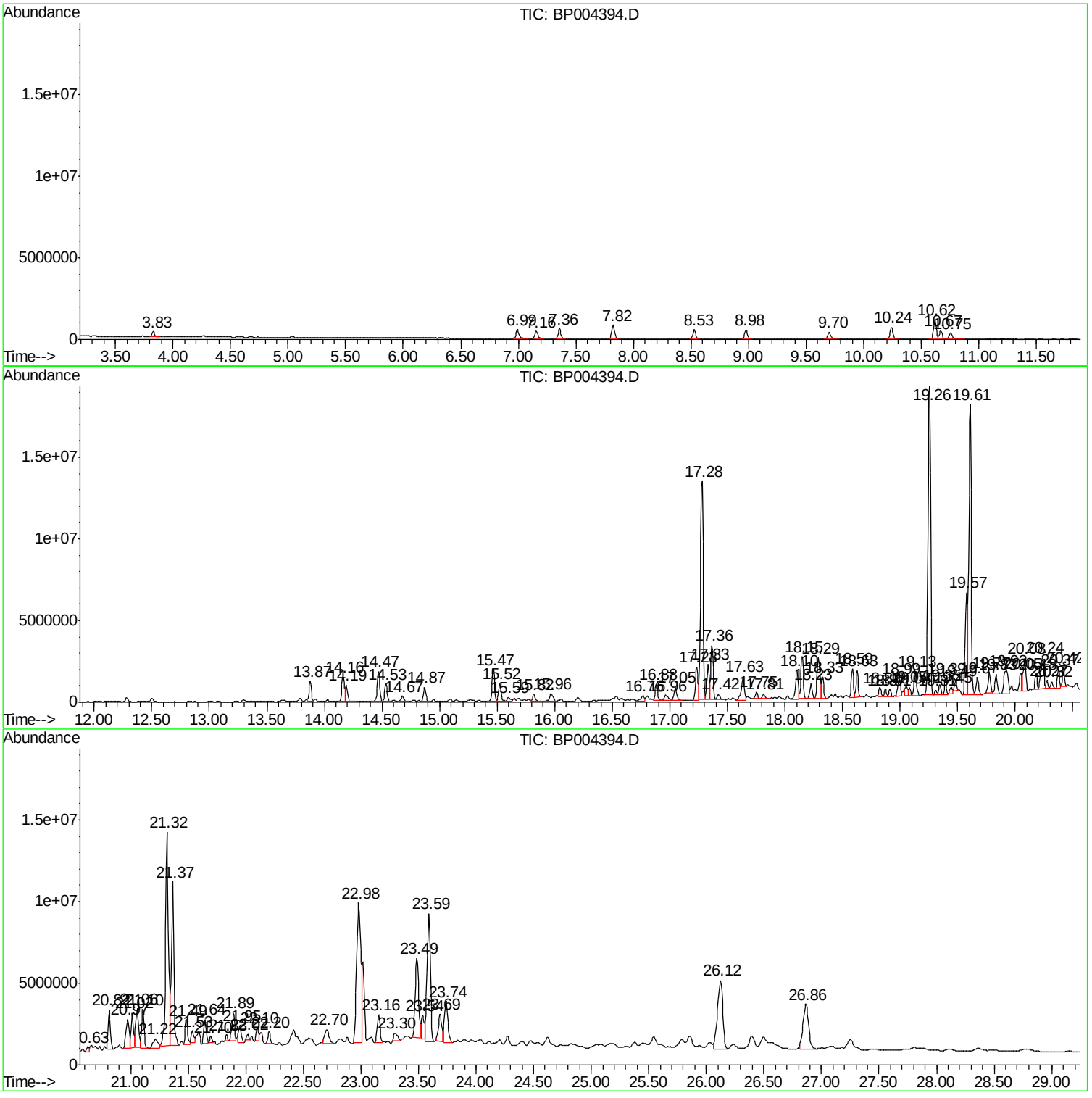
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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 P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

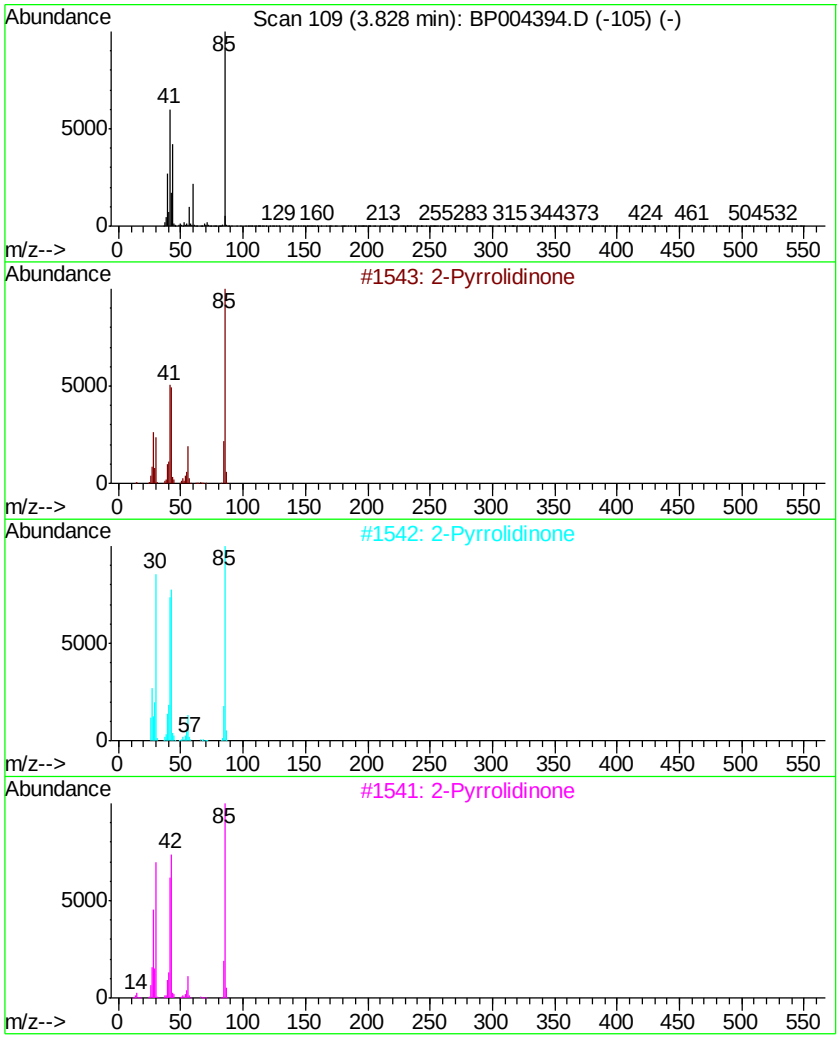
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

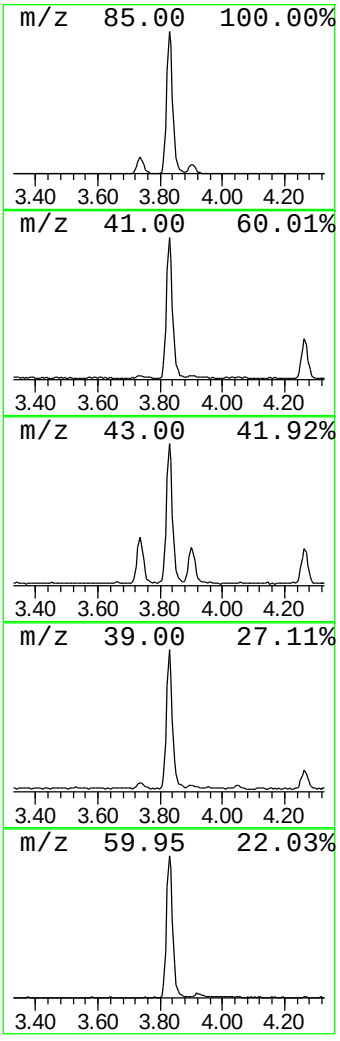
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	6.73 ng/ul	459954	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	9
5	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

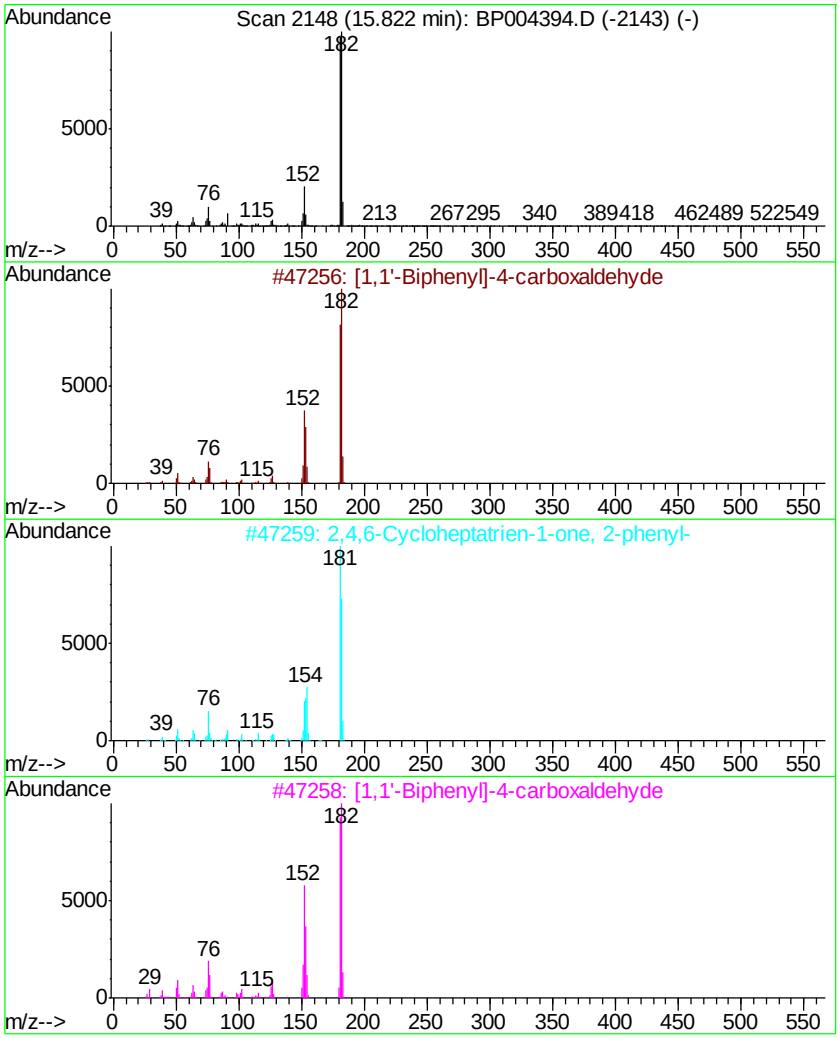
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

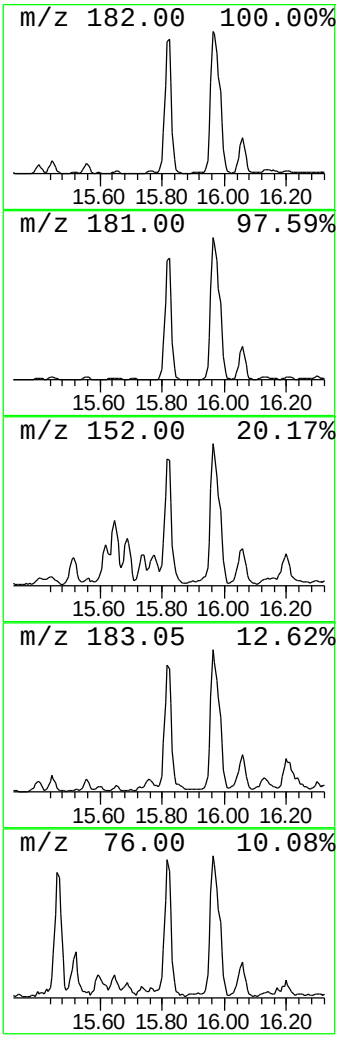
****

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	4.87 ng/ul	695302	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
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Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

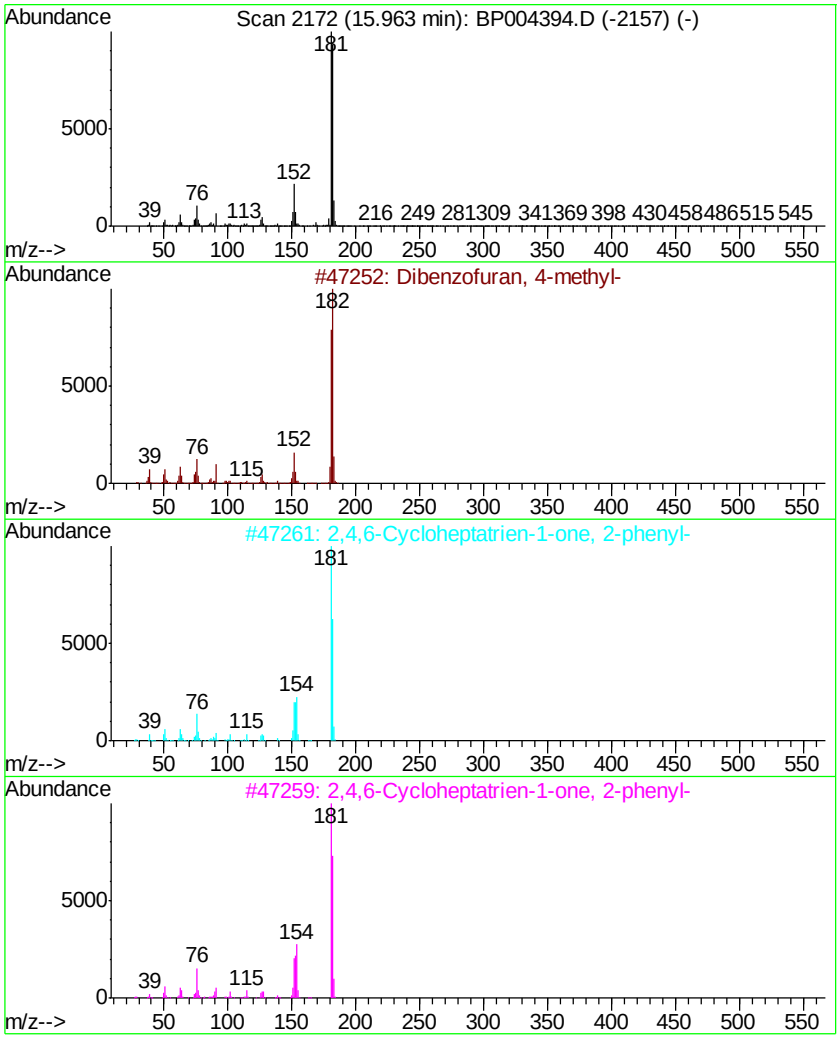
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

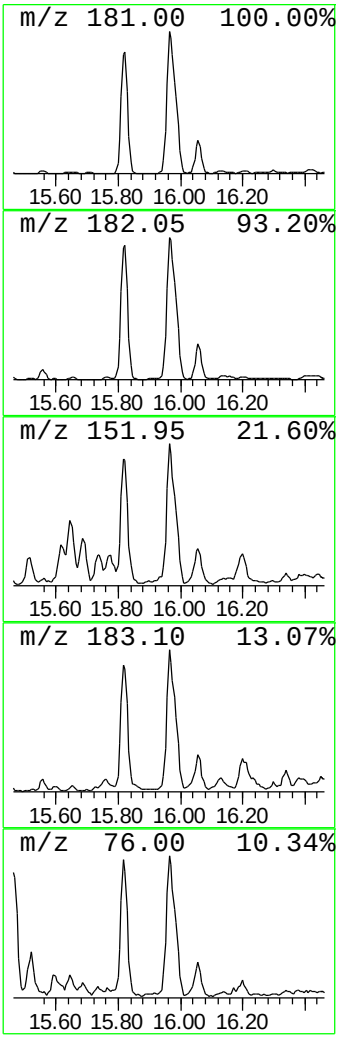
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.29 ng/ul	1057890	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

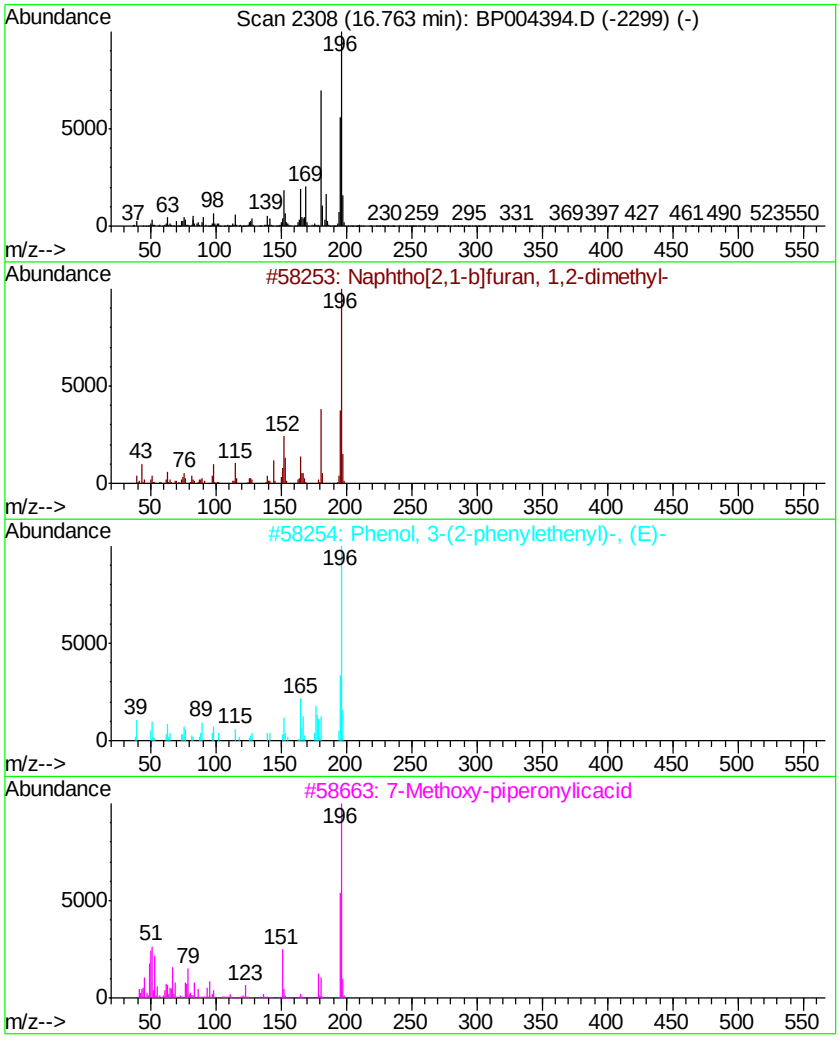
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

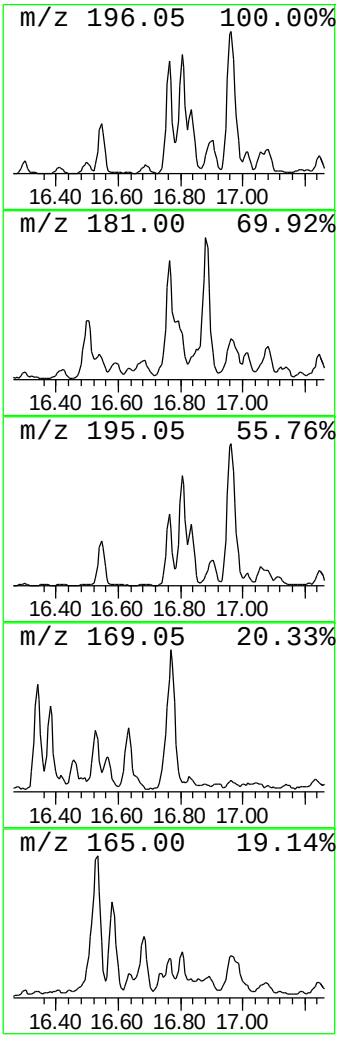
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.81 ng/ul	639877	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	74
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	60
3	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	46
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	46
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

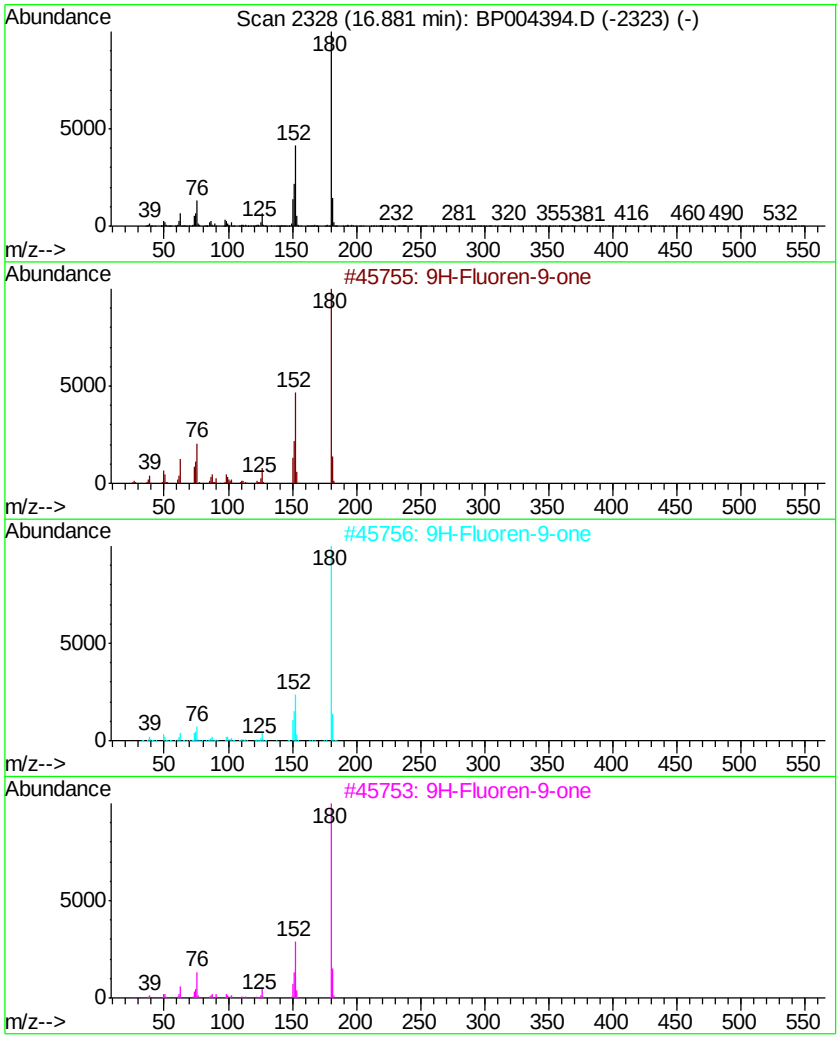
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

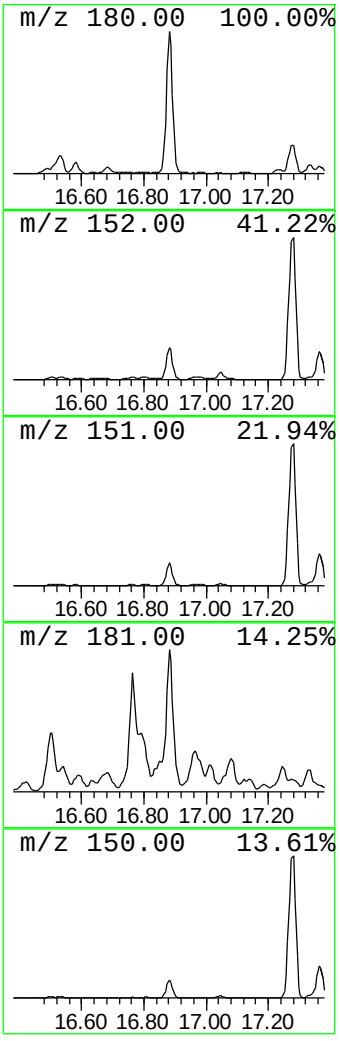
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	8.97 ng/ul	1506950	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68





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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
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Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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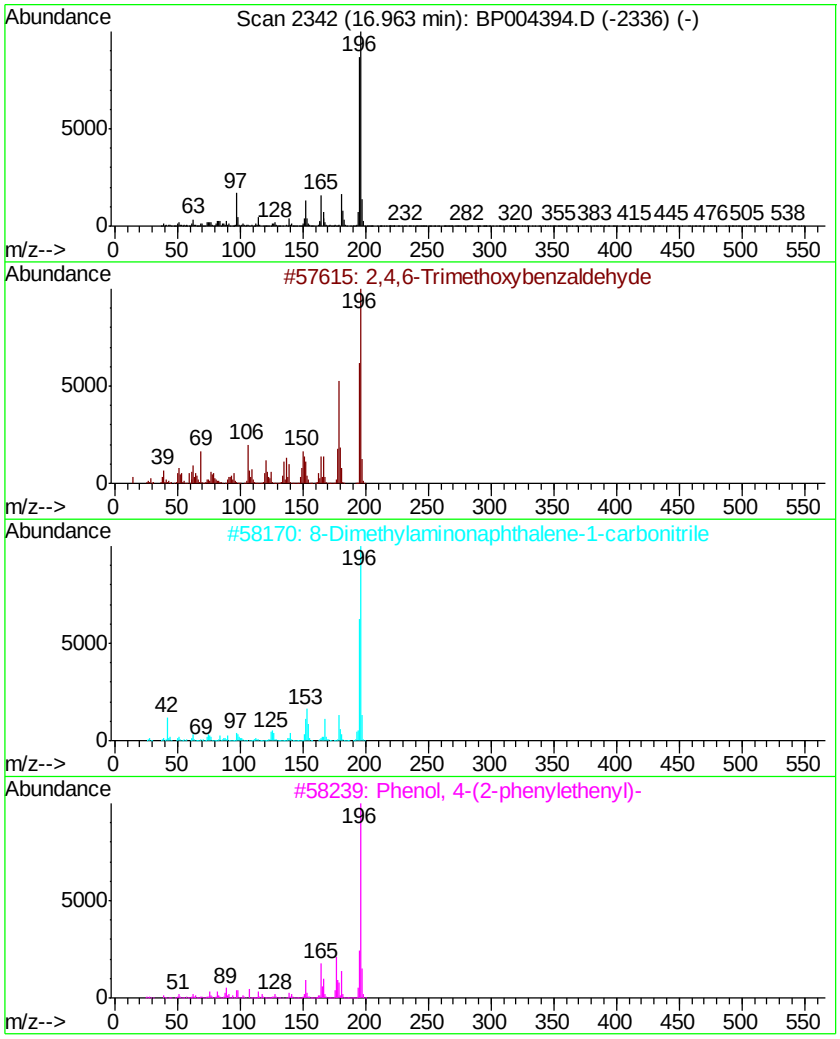
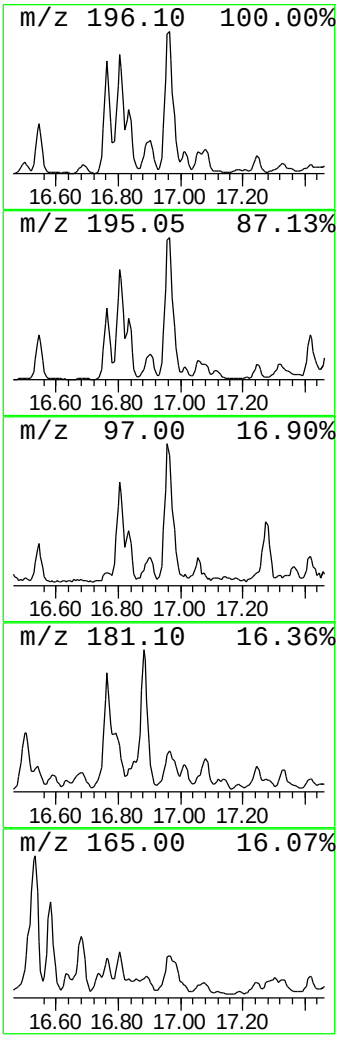
Peak Number 6 2,4,6-Trimethoxybenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	5.46 ng/ul	916812	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52





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Sample : L5134-01
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Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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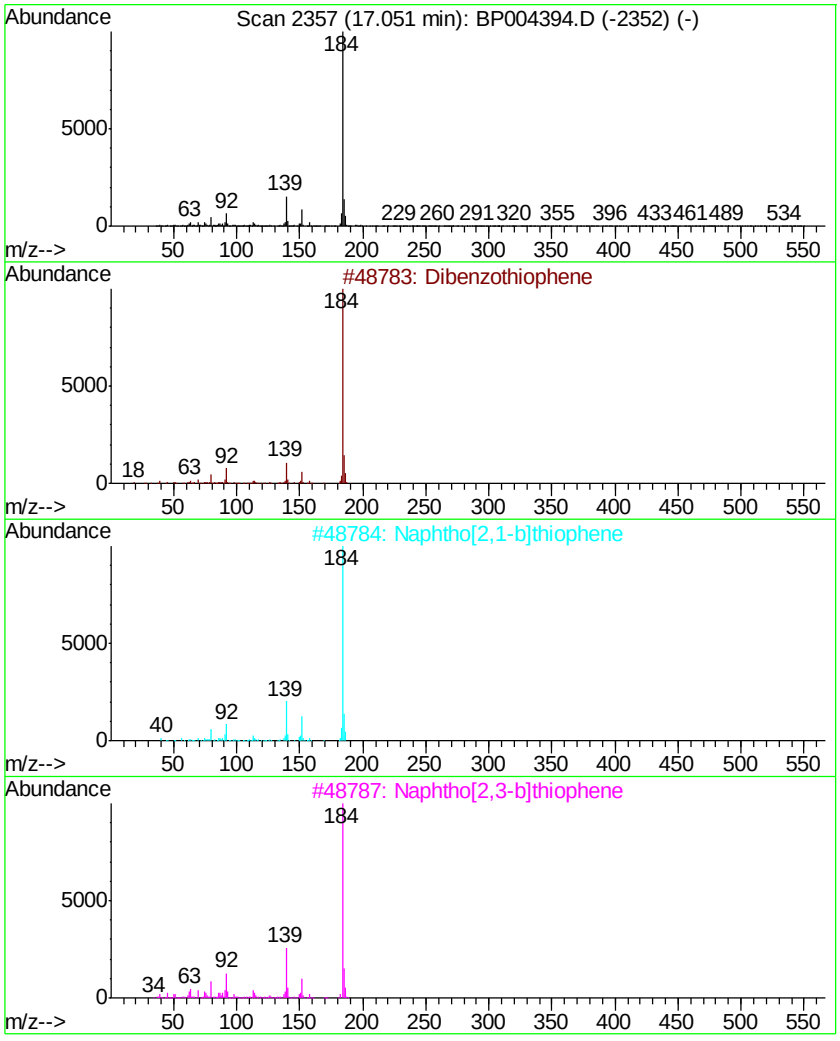
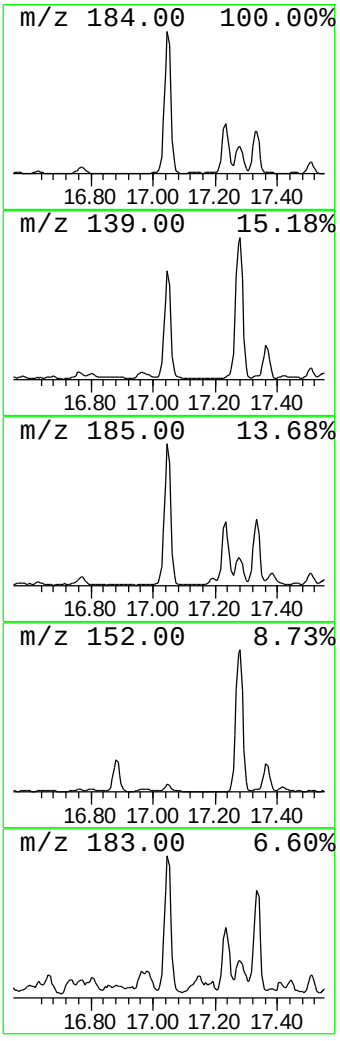
Peak Number 7 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	7.66 ng/ul	1287870	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Quant Title : SVOA CALIBRATION

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

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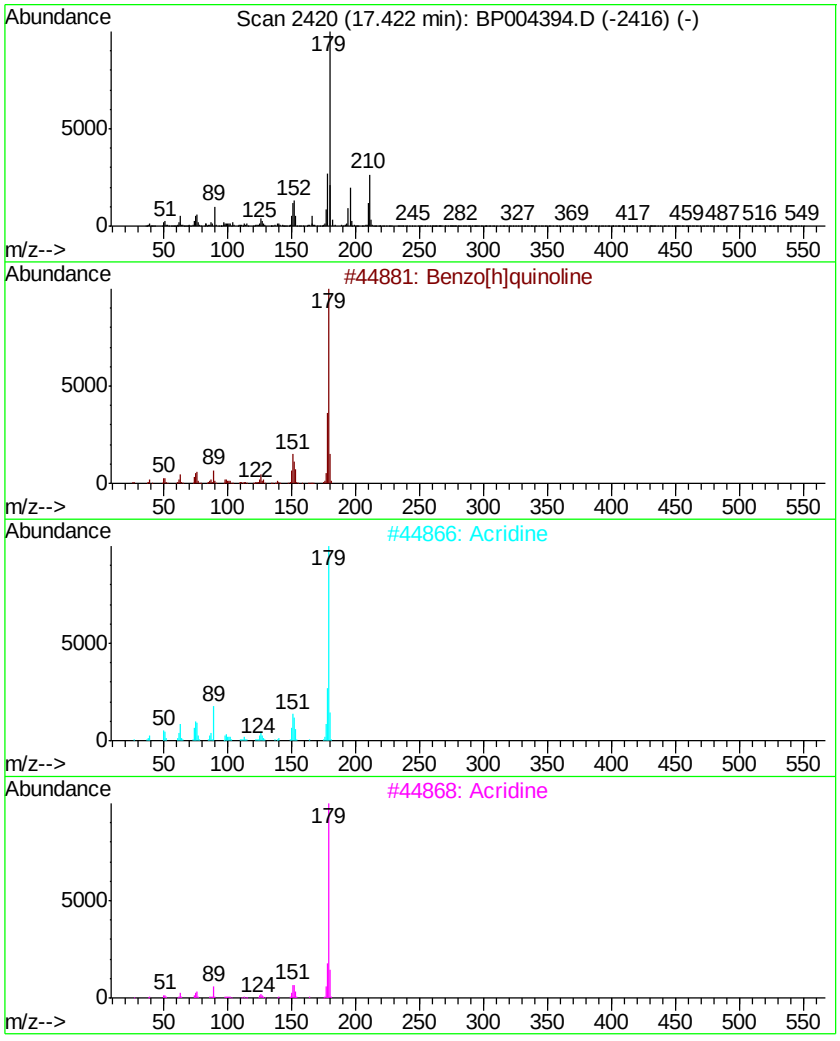
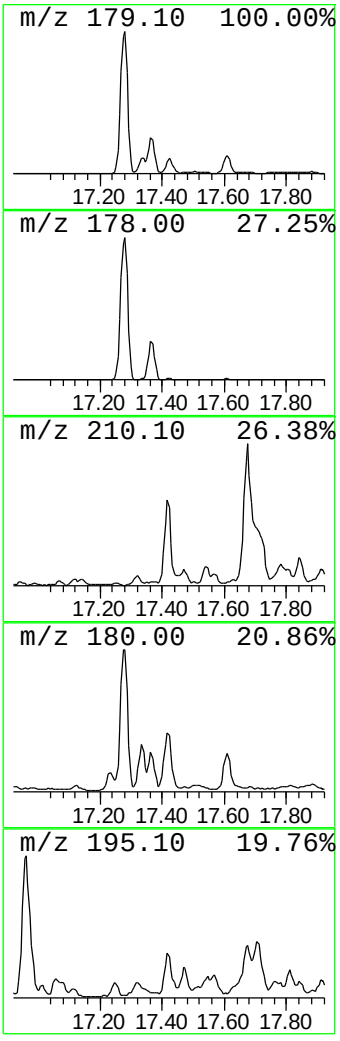
Peak Number 8 Benzo[h]quinoline Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	3.23 ng/ul	542756	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
2	Acridine	179	C13H9N	000260-94-6	93
3	Acridine	179	C13H9N	000260-94-6	92
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	86
5	9,10-Dihydro-9-(2-oxocyclopentyl...	263	C18H17NO	015539-19-2	83





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Sample : L5134-01
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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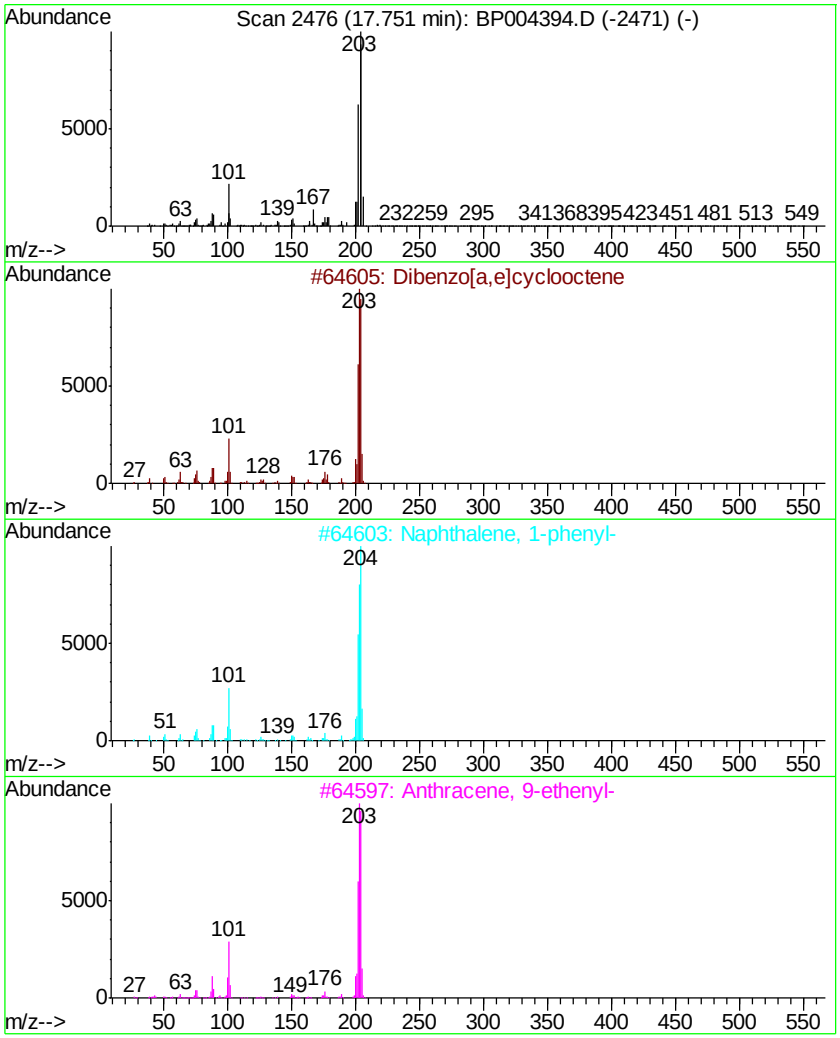
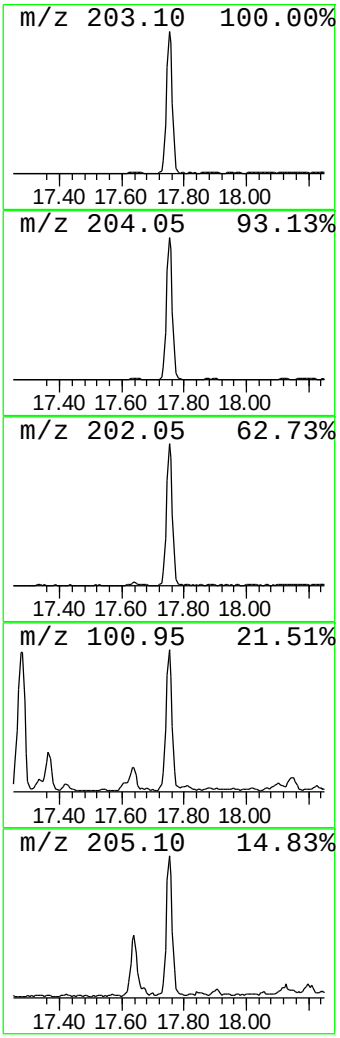
Peak Number 9 Dibenzo[a,e]cyclooctene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	3.51 ng/ul	590561	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	89
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89





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Quant Title : SVOA CALIBRATION

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

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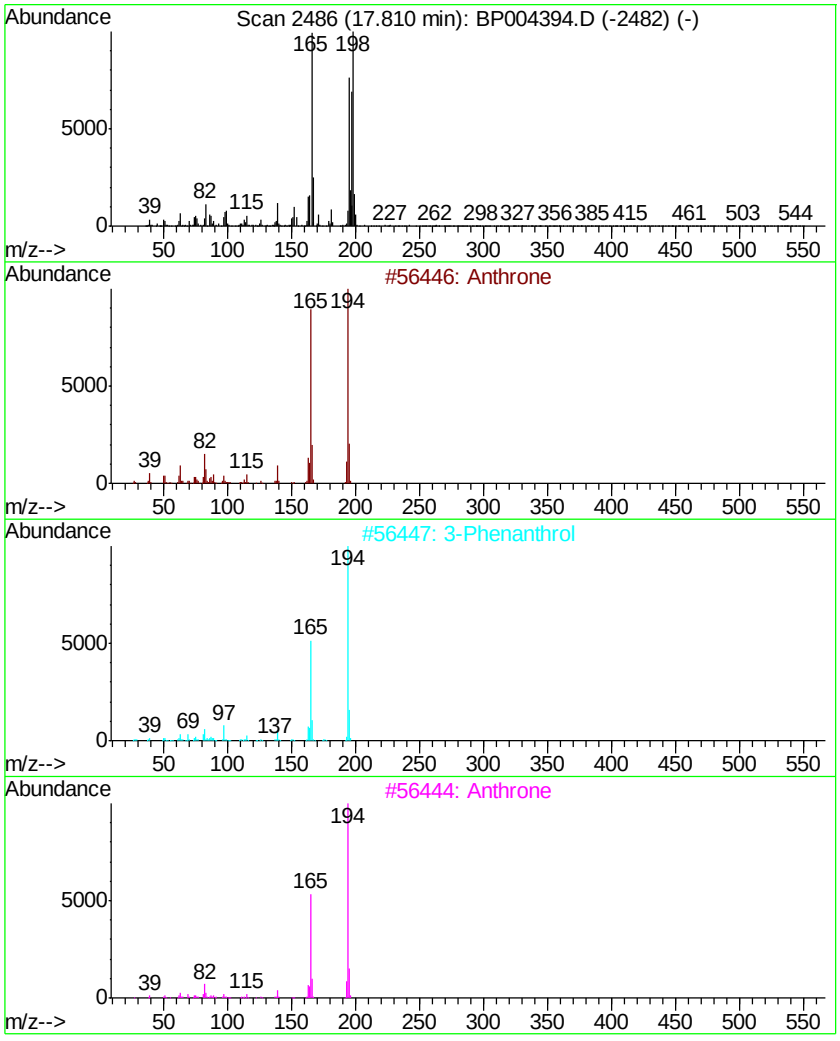
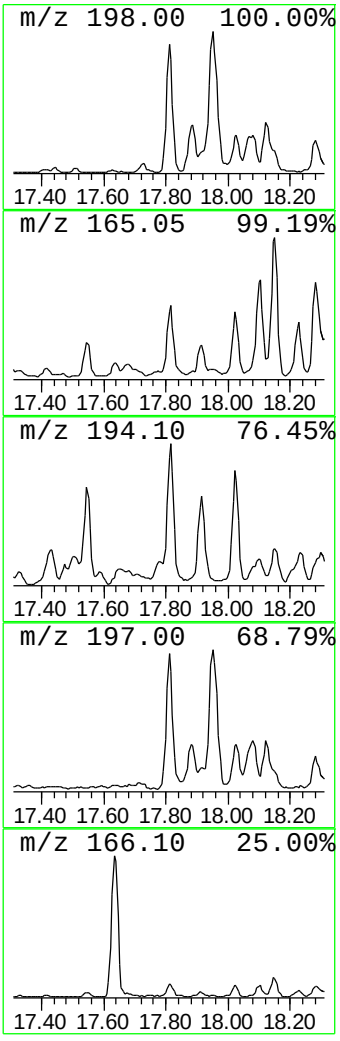
Peak Number 10 Anthrone Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.25 ng/ul	546240	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	83
2	3-Phenanthrol	194	C14H10O	000605-87-8	60
3	Anthrone	194	C14H10O	000090-44-8	60
4	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	55
5	Anthrone	194	C14H10O	000090-44-8	53





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Quant Title : SVOA CALIBRATION

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

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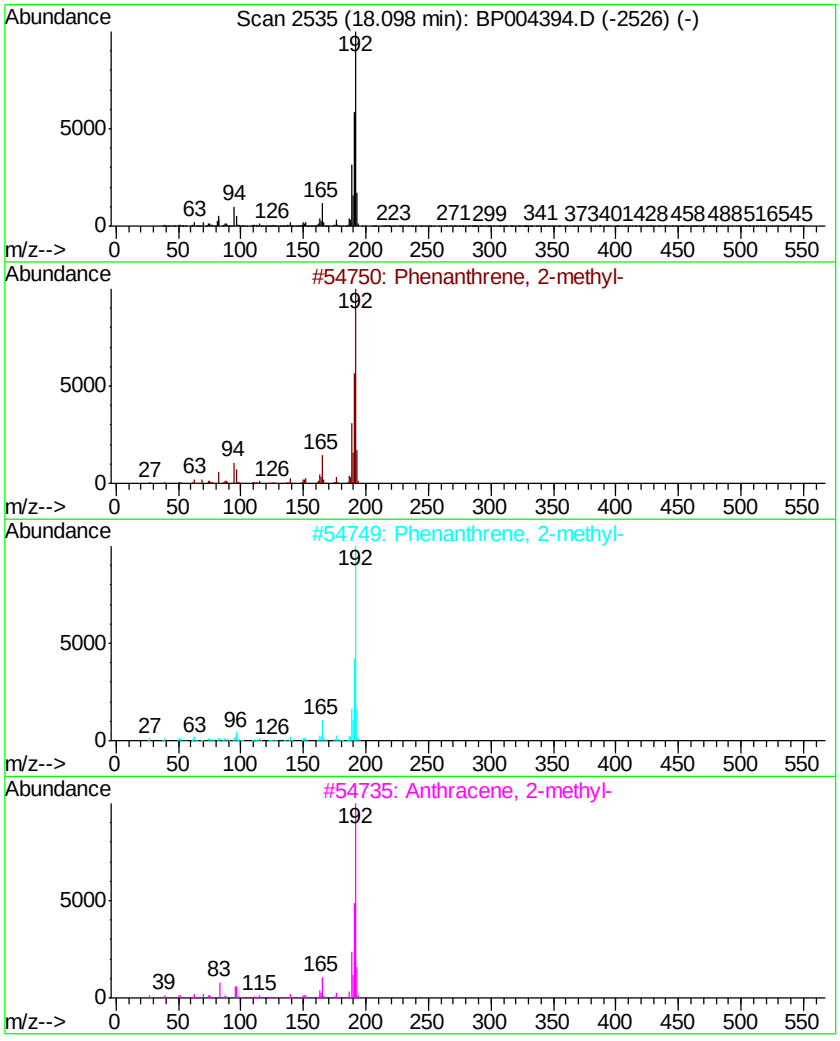
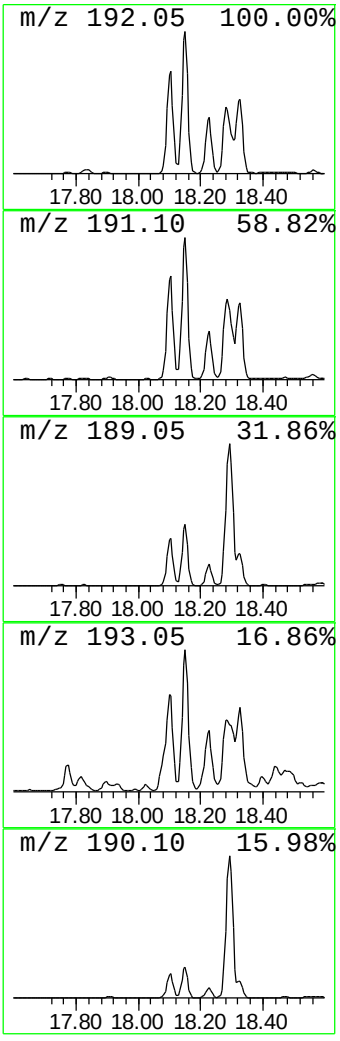
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	16.69 ng/ul	2804650	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
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Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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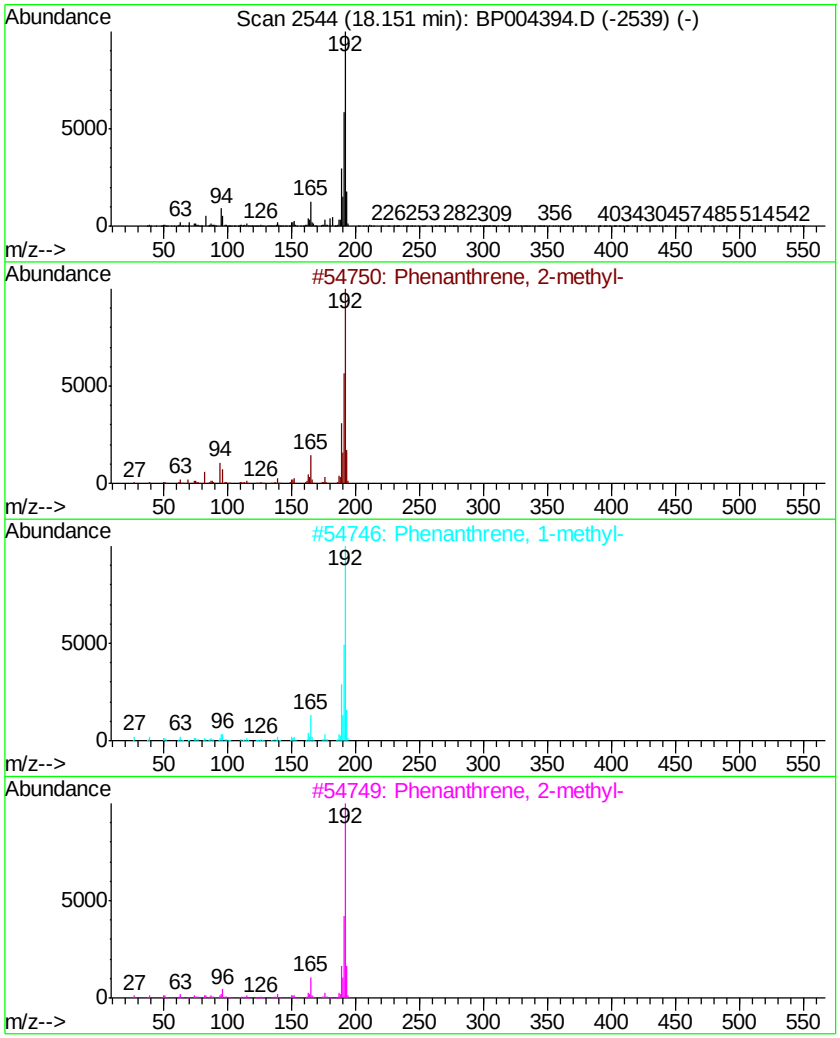
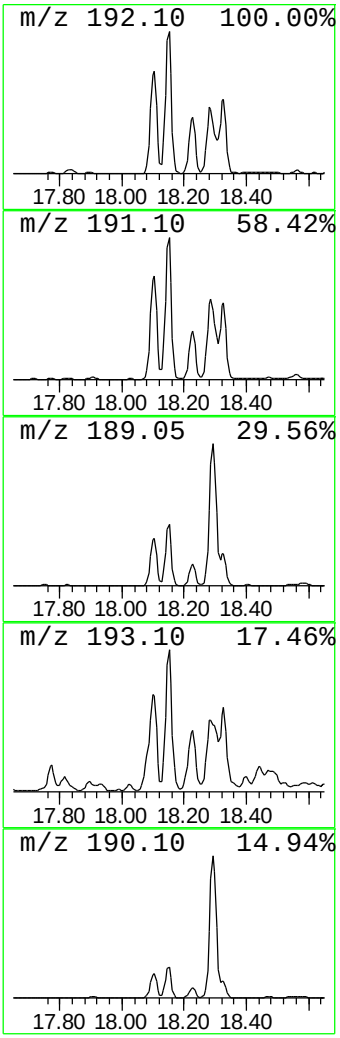
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	21.94 ng/ul	3687270	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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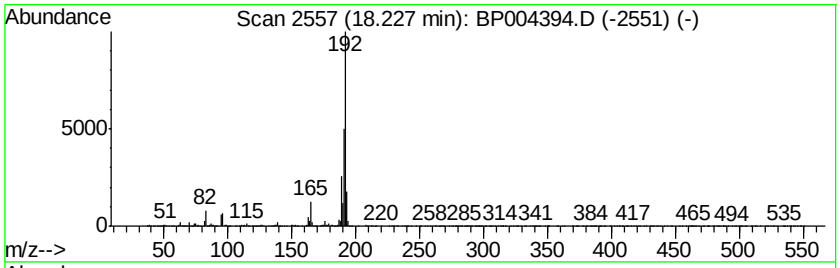
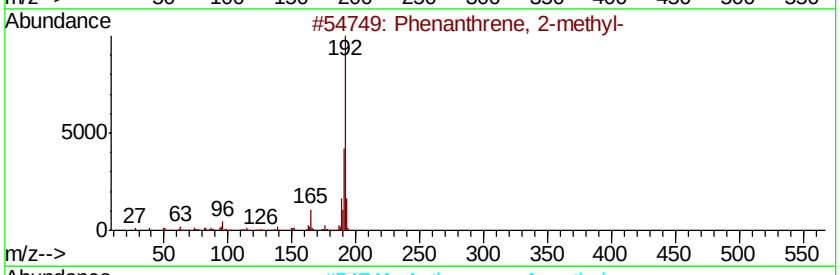
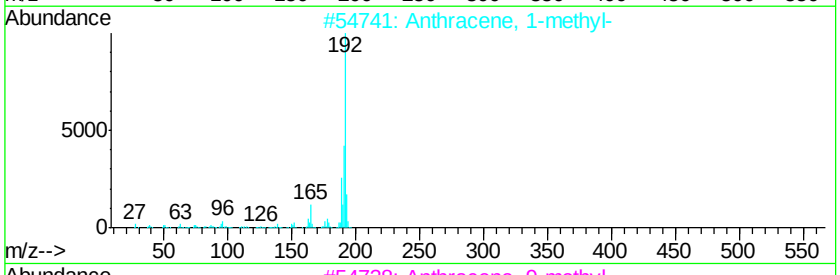
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 16

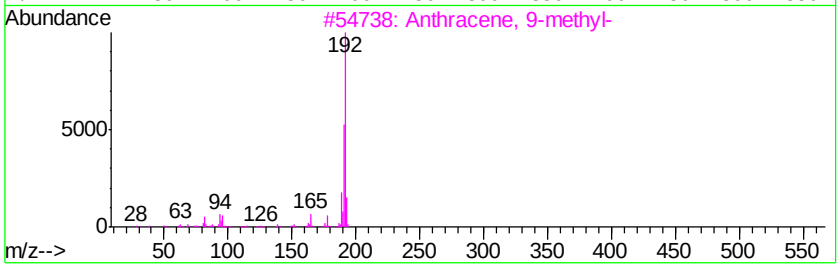
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	7.38 ng/ul	1240210	Phenanthrene-d10	17.23

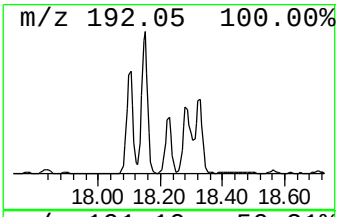
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93

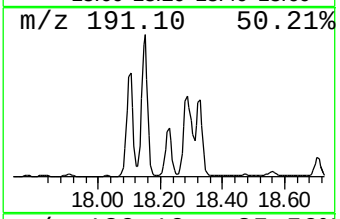


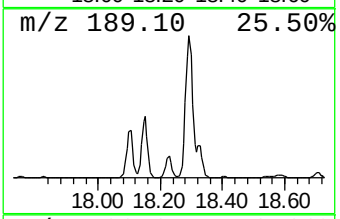


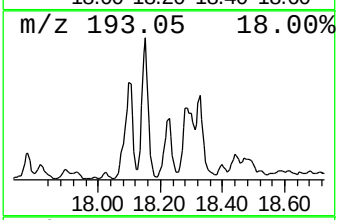


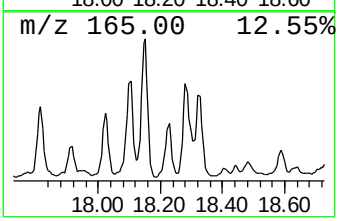












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Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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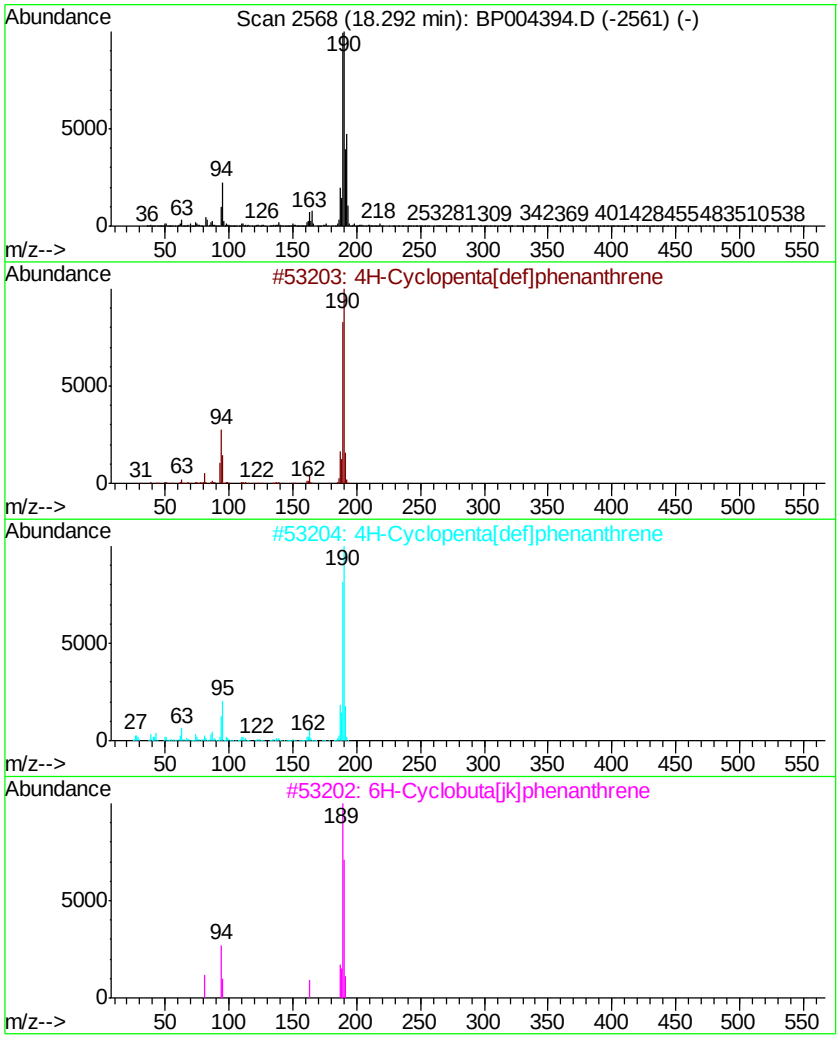
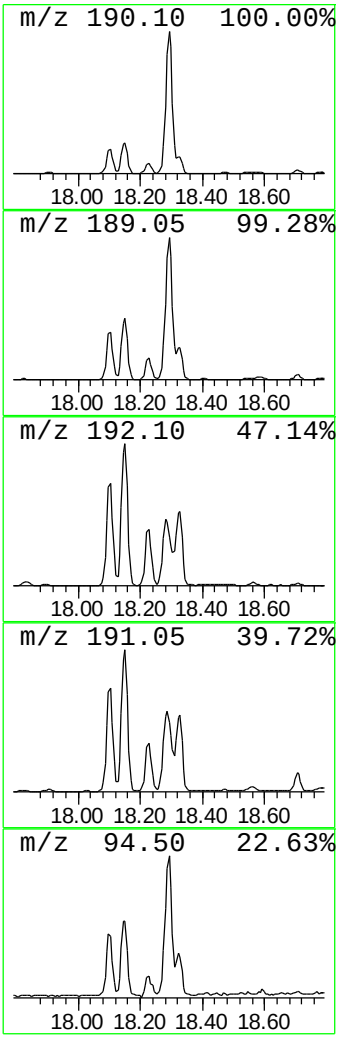
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	26.53 ng/ul	4458770	Phenanthrene-d10	17.23

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	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Quant Title : SVOA CALIBRATION

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

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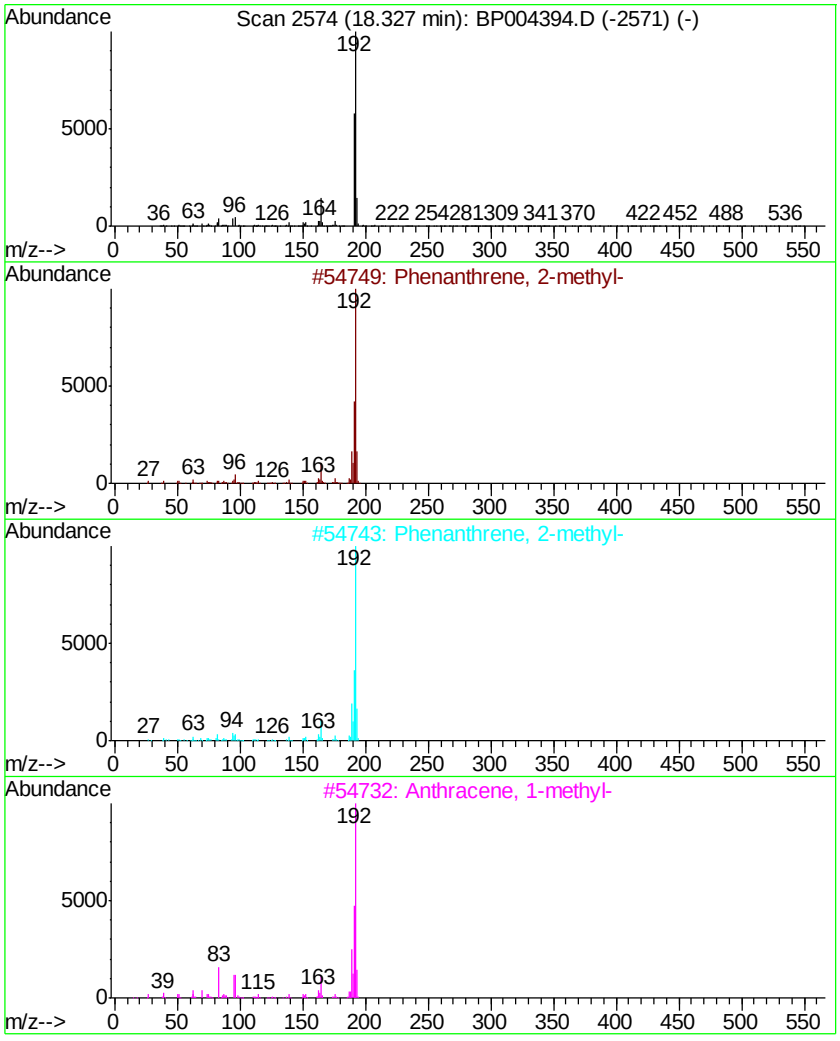
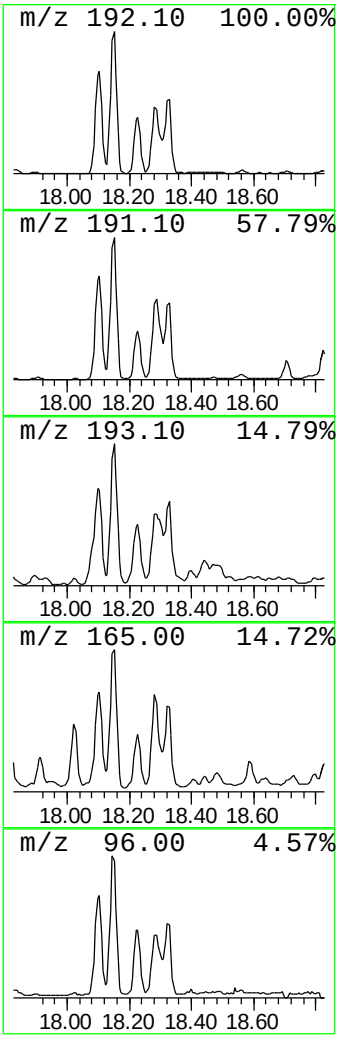
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	10.15 ng/ul	1705480	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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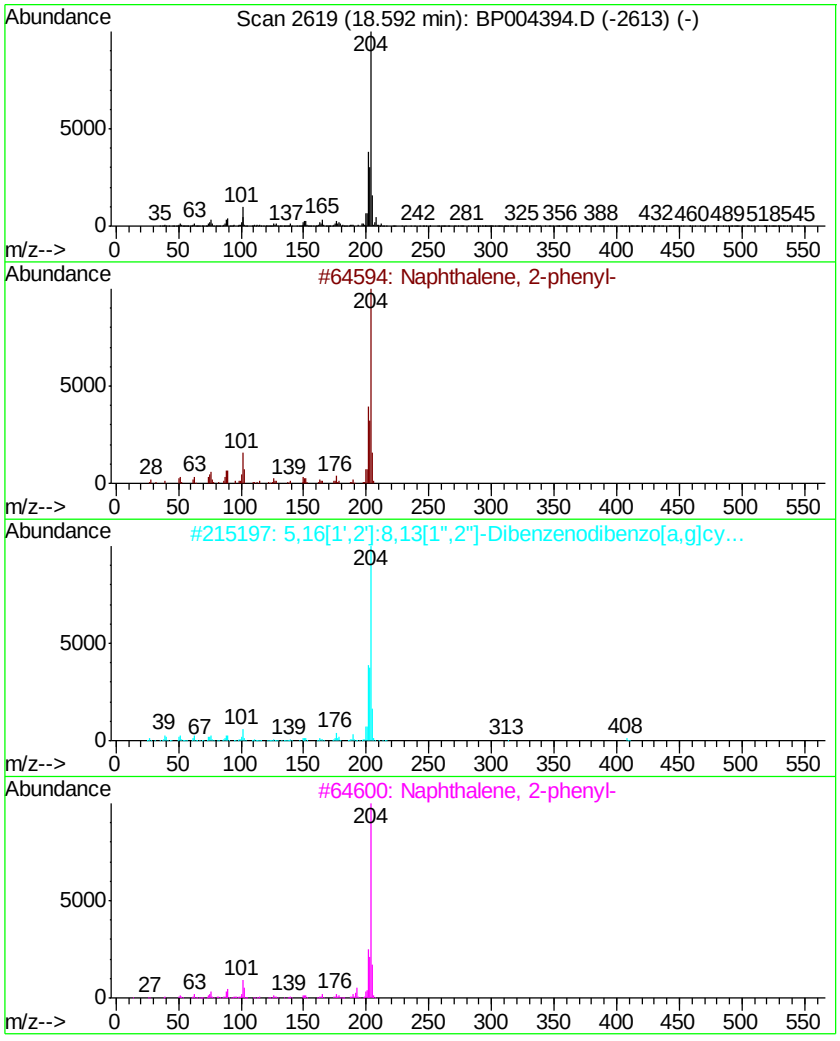
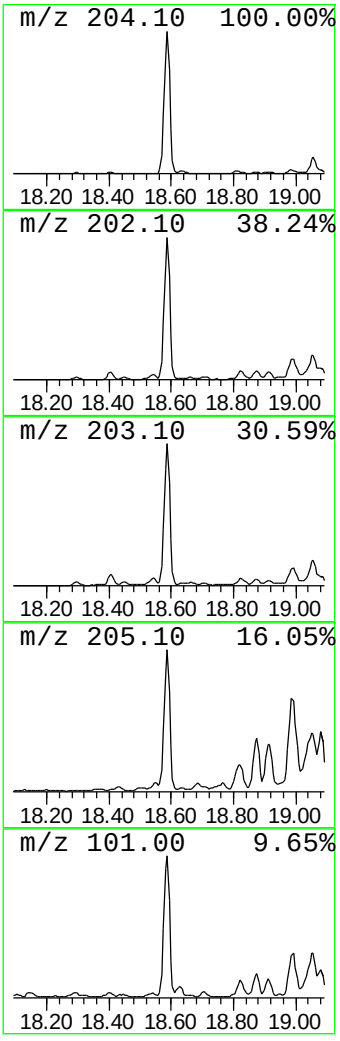
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	13.28 ng/ul	2232040	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

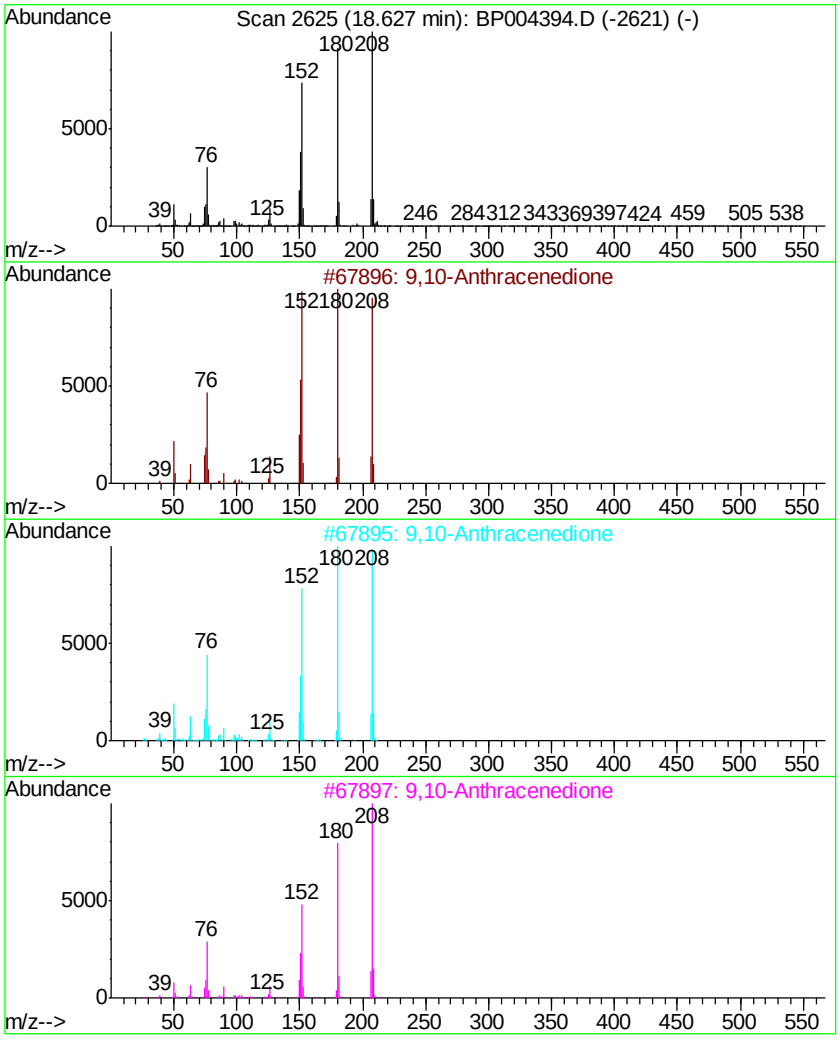
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

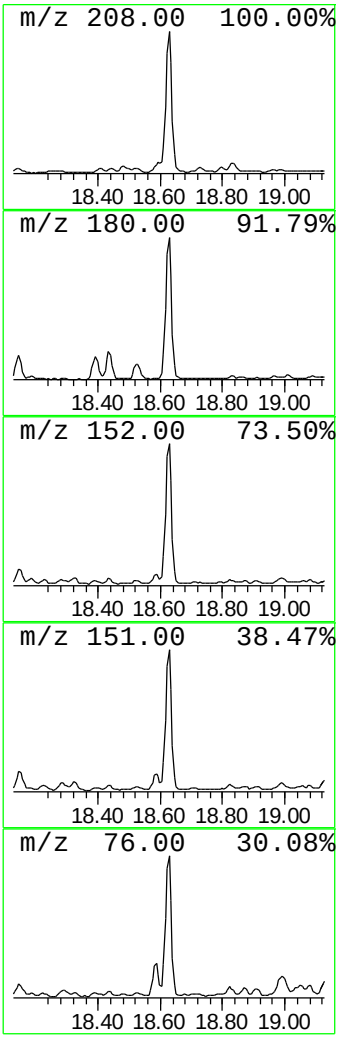
****

Peak Number 17 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	12.88 ng/ul	2164030	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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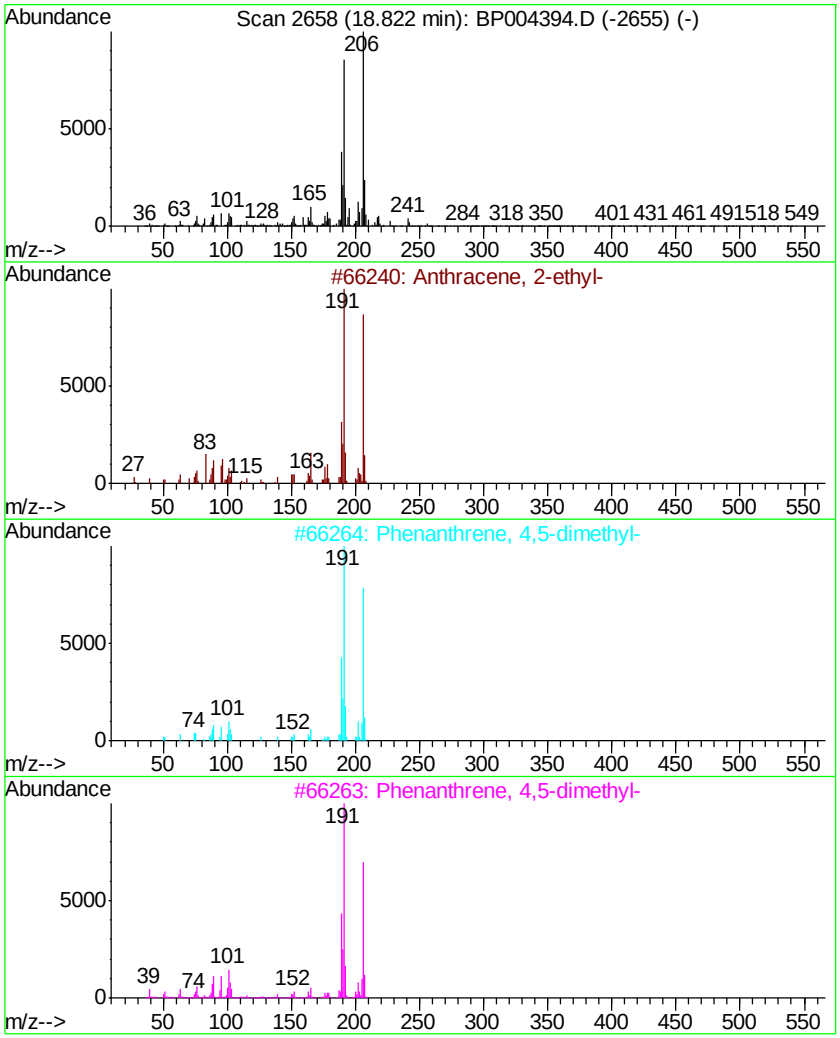
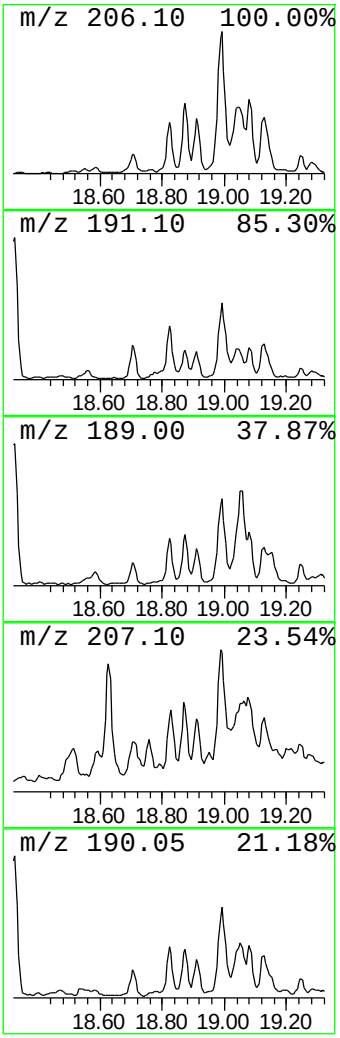
Peak Number 18 Anthracene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.50 ng/ul	755861	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





Library Search Compound Report

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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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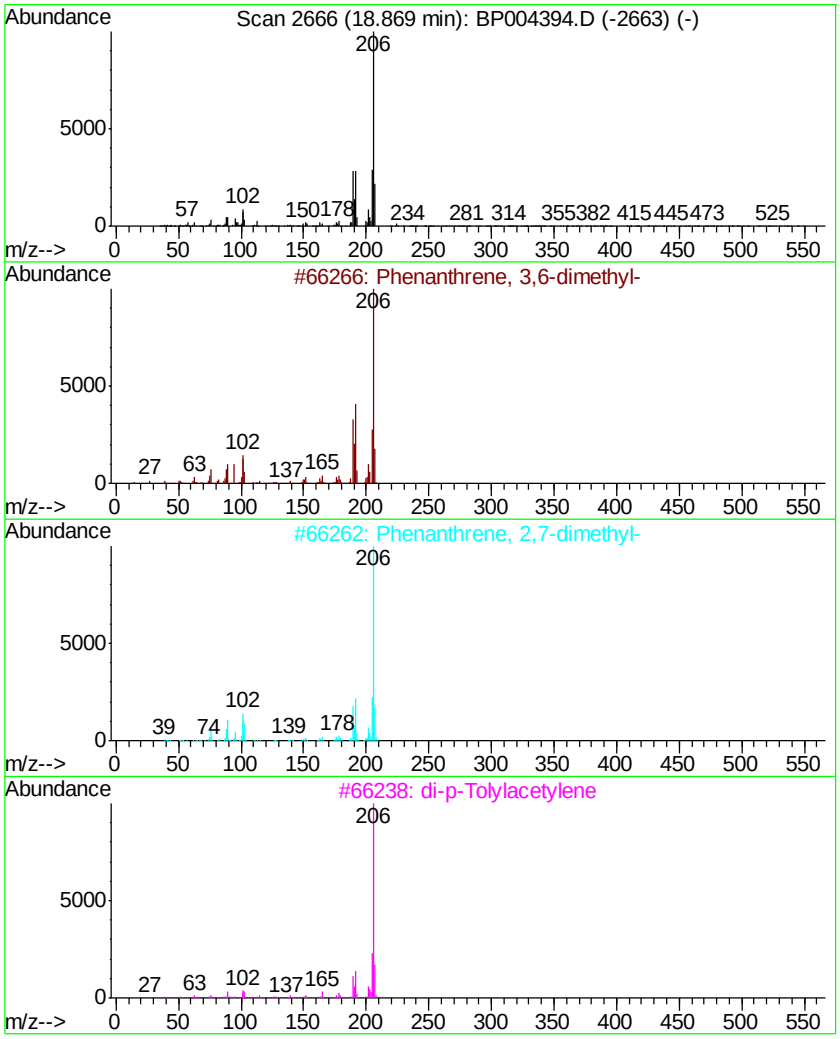
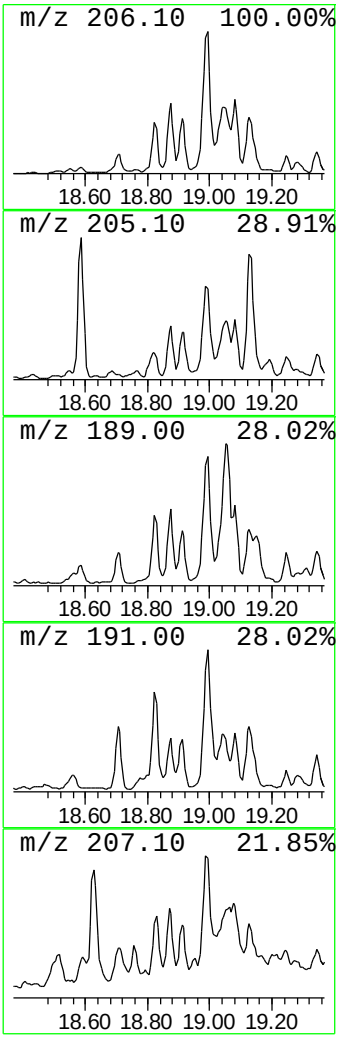
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.47 ng/ul	583036	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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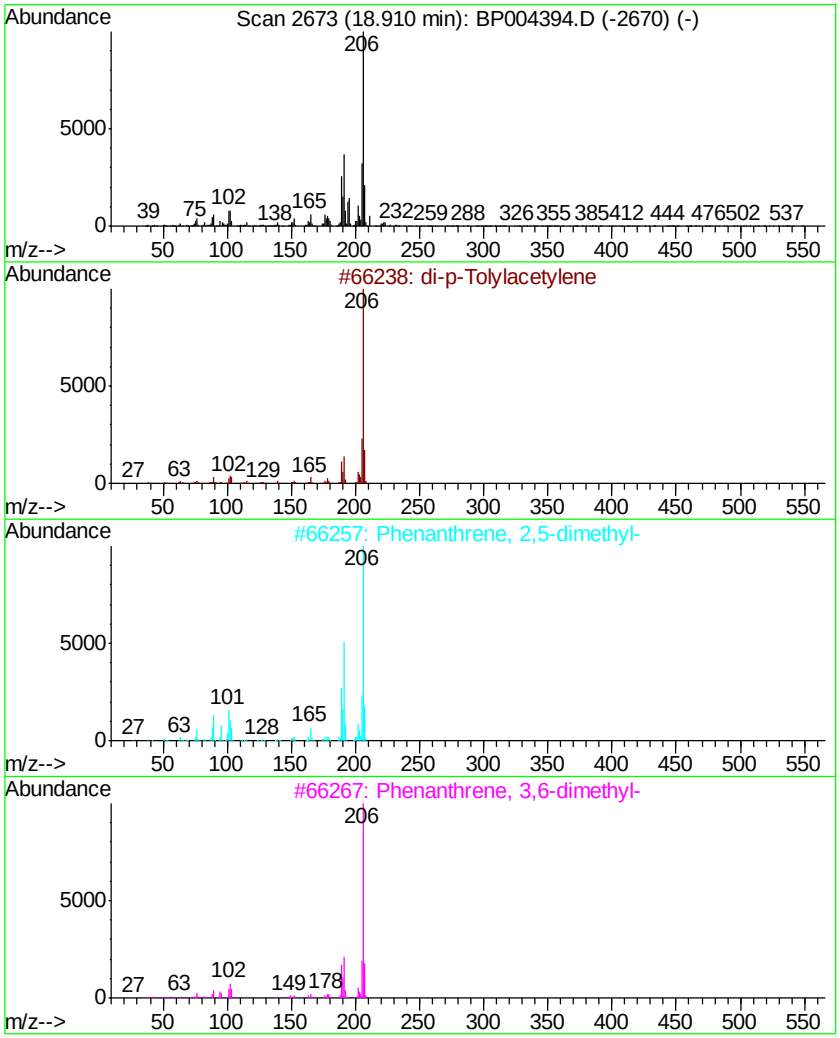
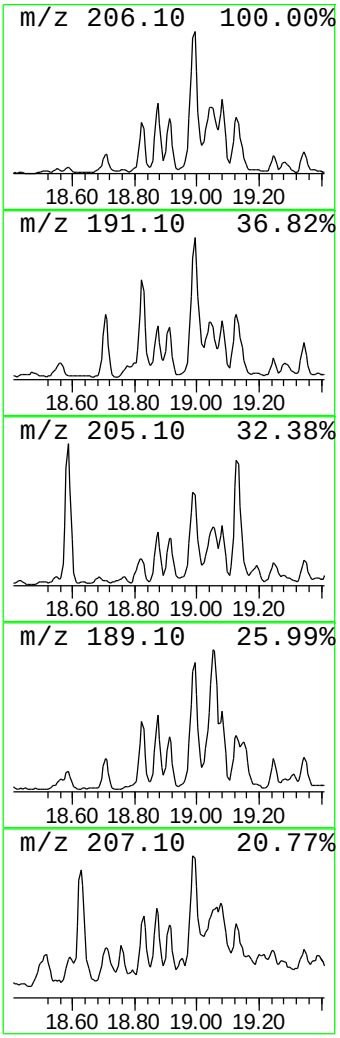
Peak Number 20 di-p-Tolylacetylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.43 ng/ul	576484	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	89





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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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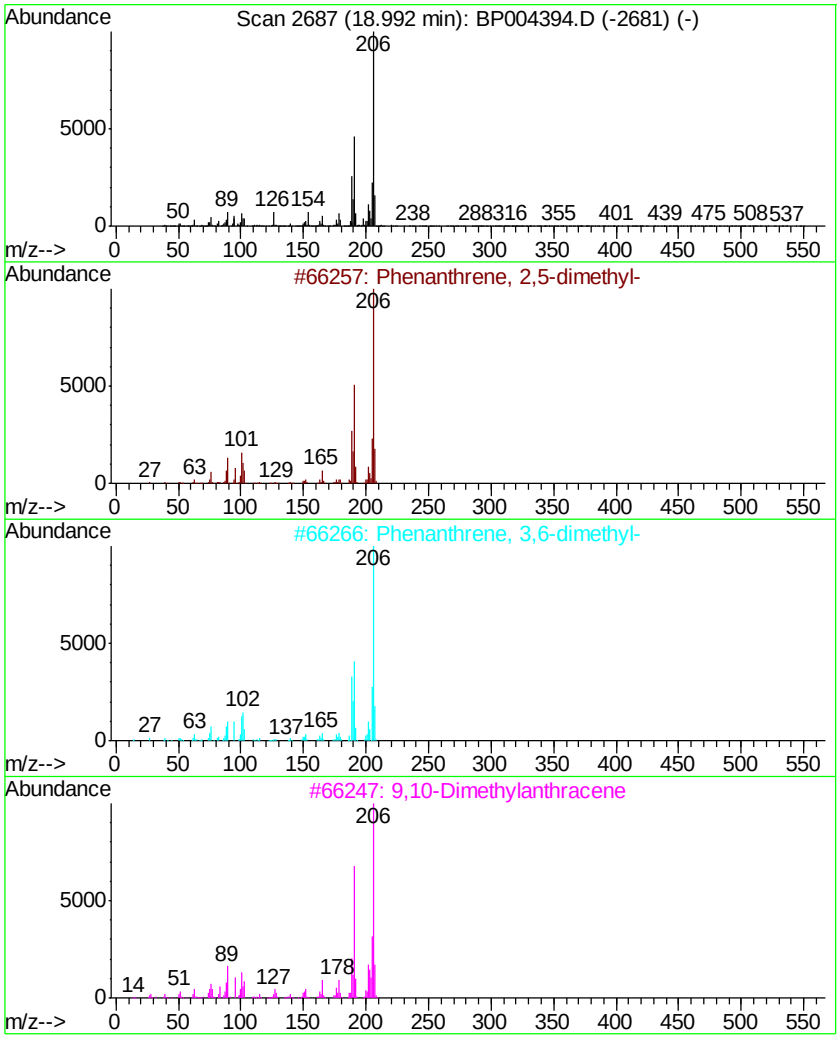
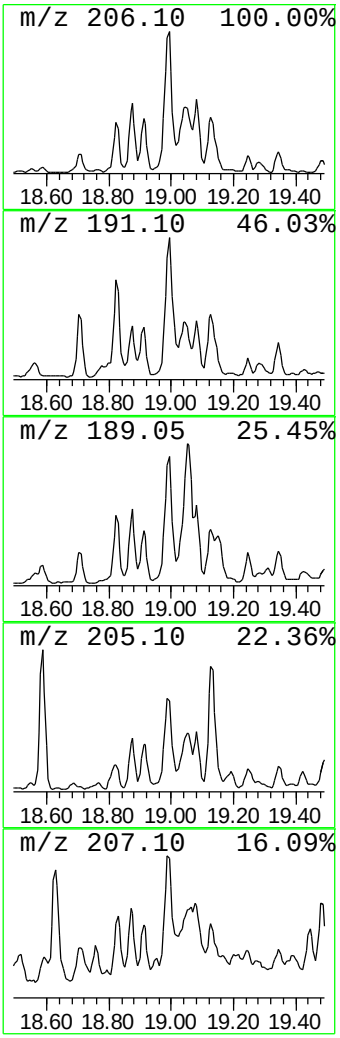
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	11.41 ng/ul	1917730	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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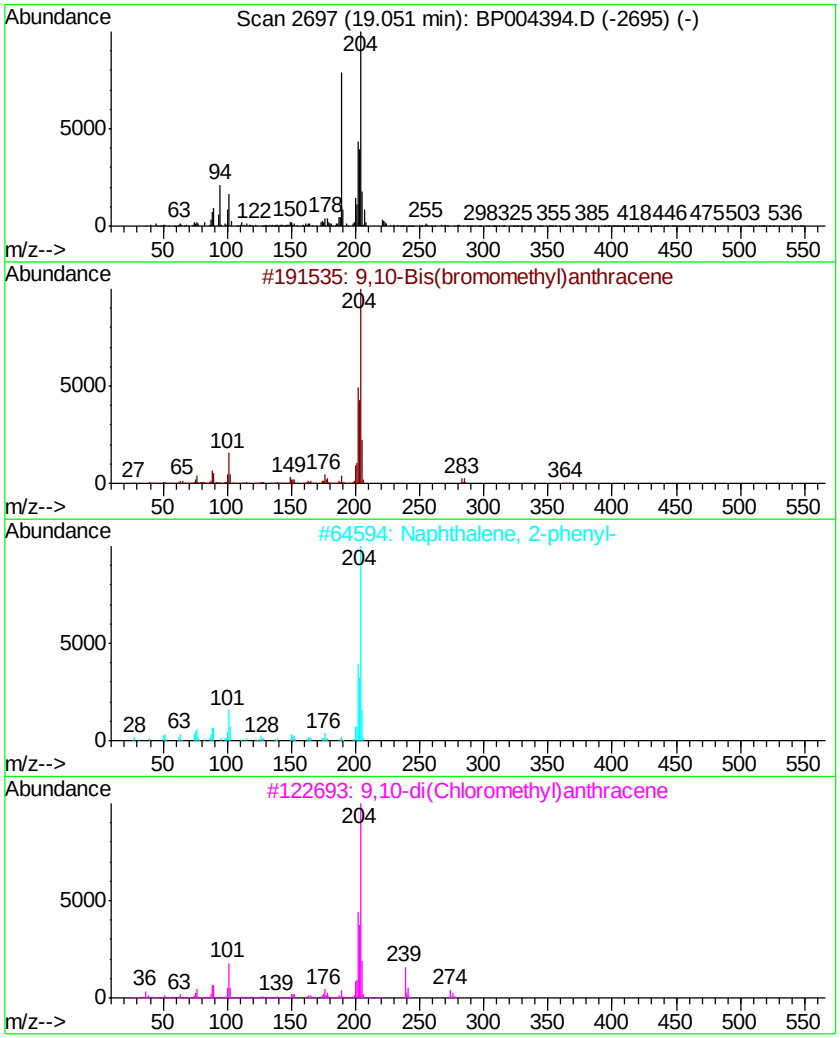
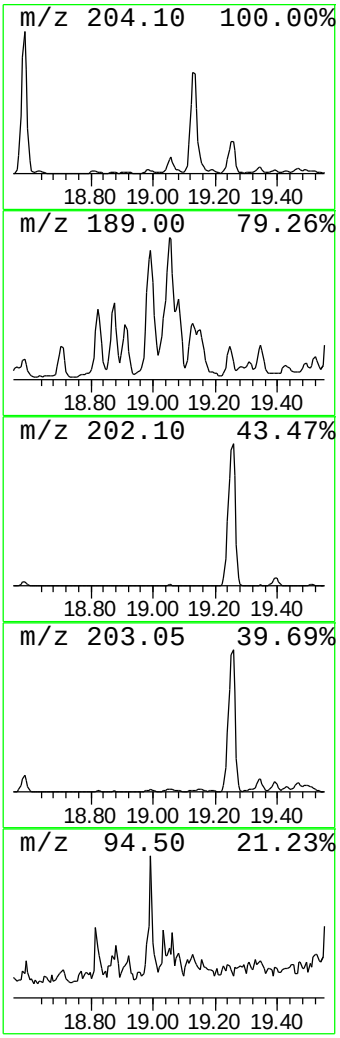
Peak Number 22 9,10-Bis(bromomethyl)anthra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	5.18 ng/ul	869830	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	41





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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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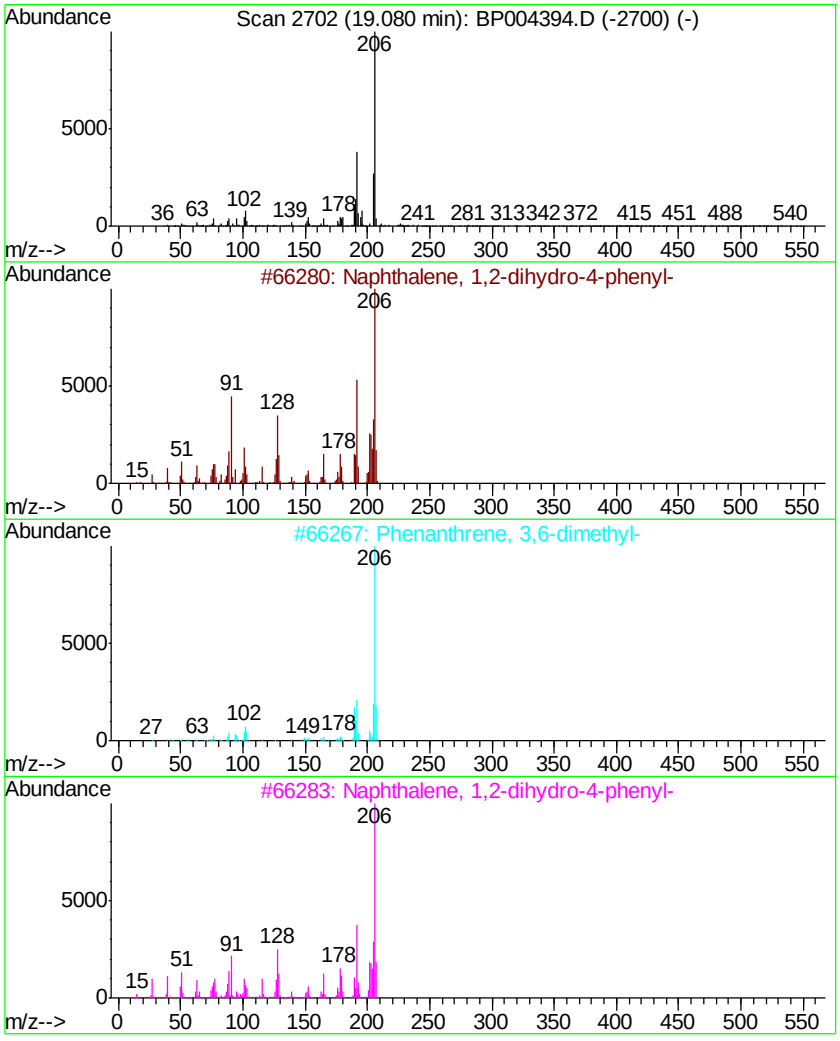
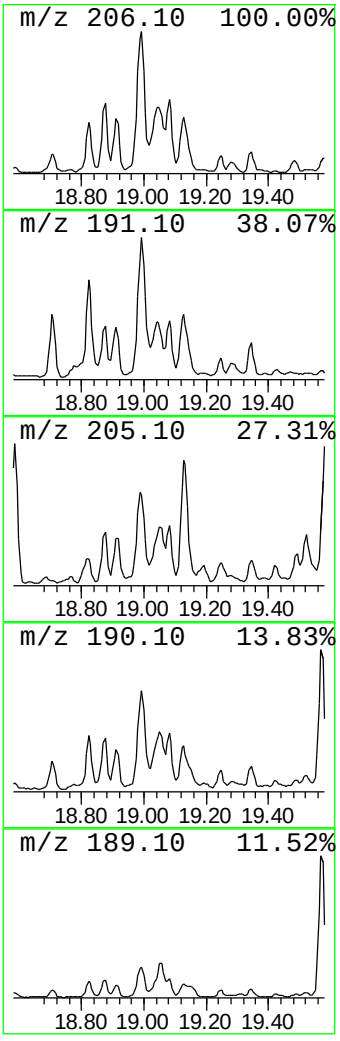
Peak Number 23 Naphthalene, 1,2-dihydro-4-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	3.51 ng/ul	590544	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	78
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	74
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72





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Misc :
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Quant Title : SVOA CALIBRATION

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

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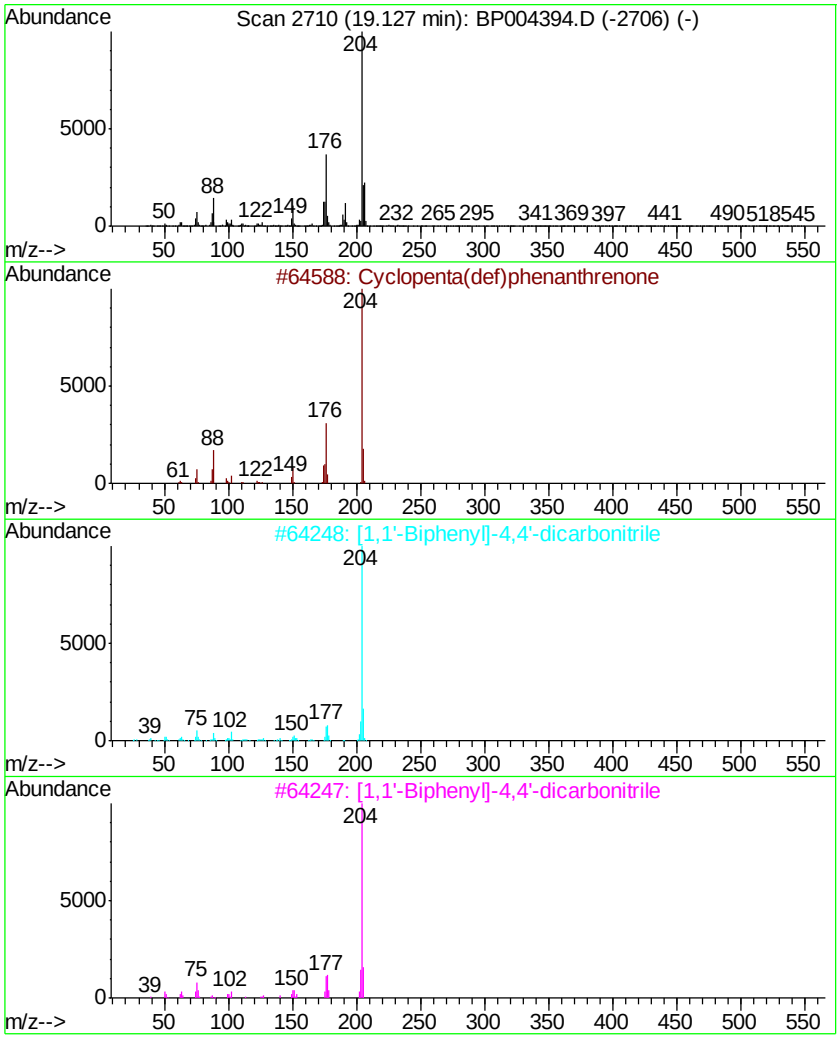
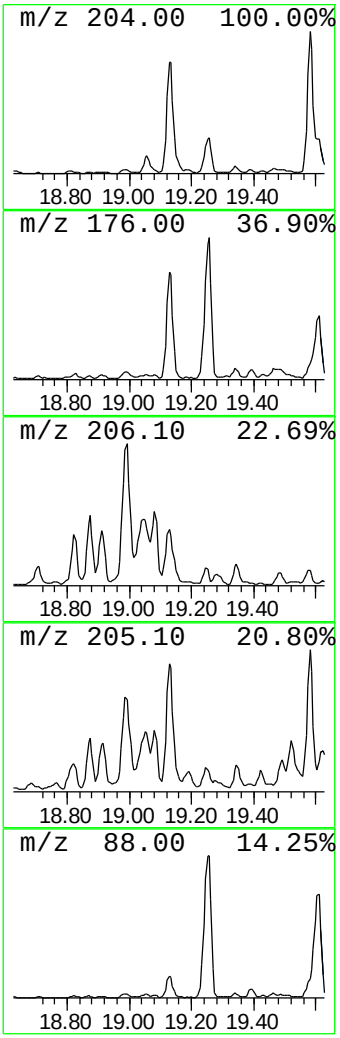
Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	14.44 ng/ul	2425960	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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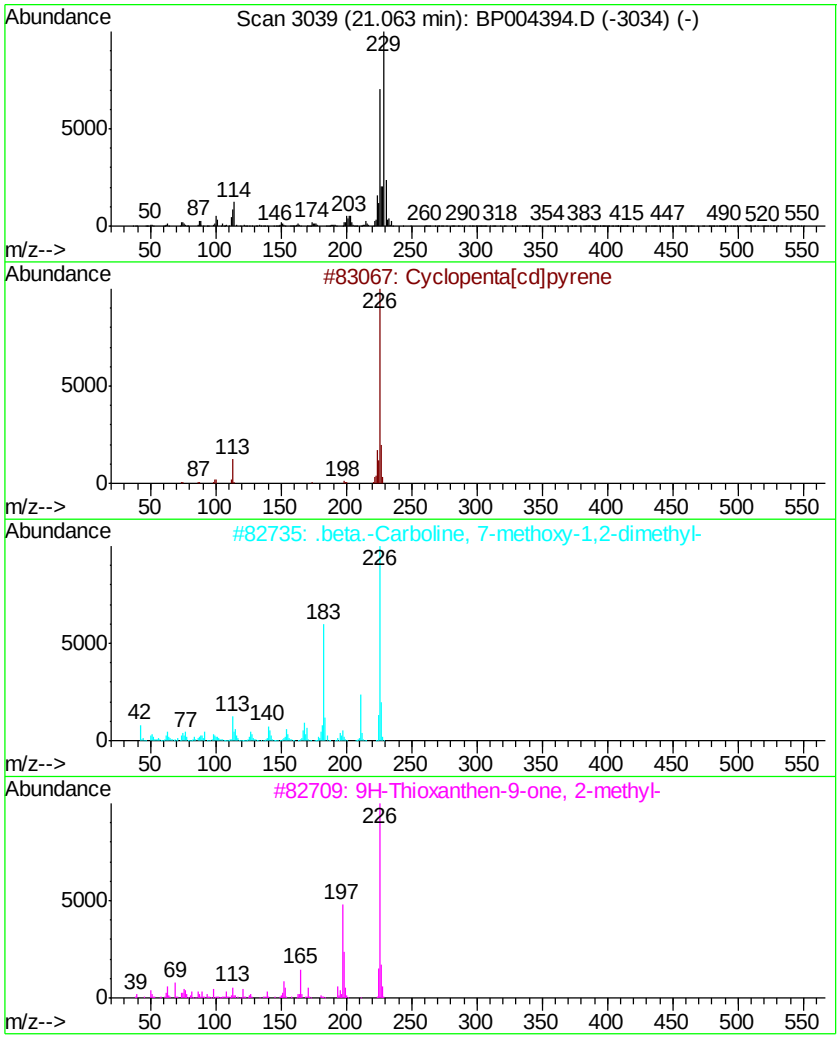
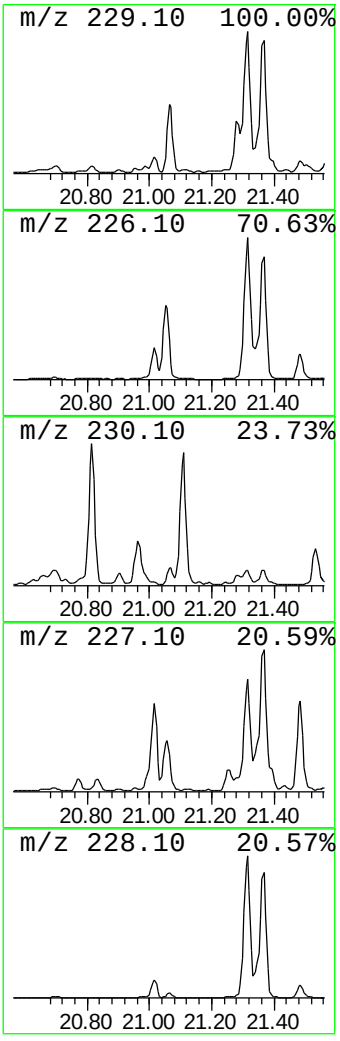
Peak Number 31 Cyclopenta[cd]pyrene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.44 ng/ul	4128300	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	38
5	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	38





Library Search Compound Report

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Operator : CG/JU
Sample : L5134-01
Misc :
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Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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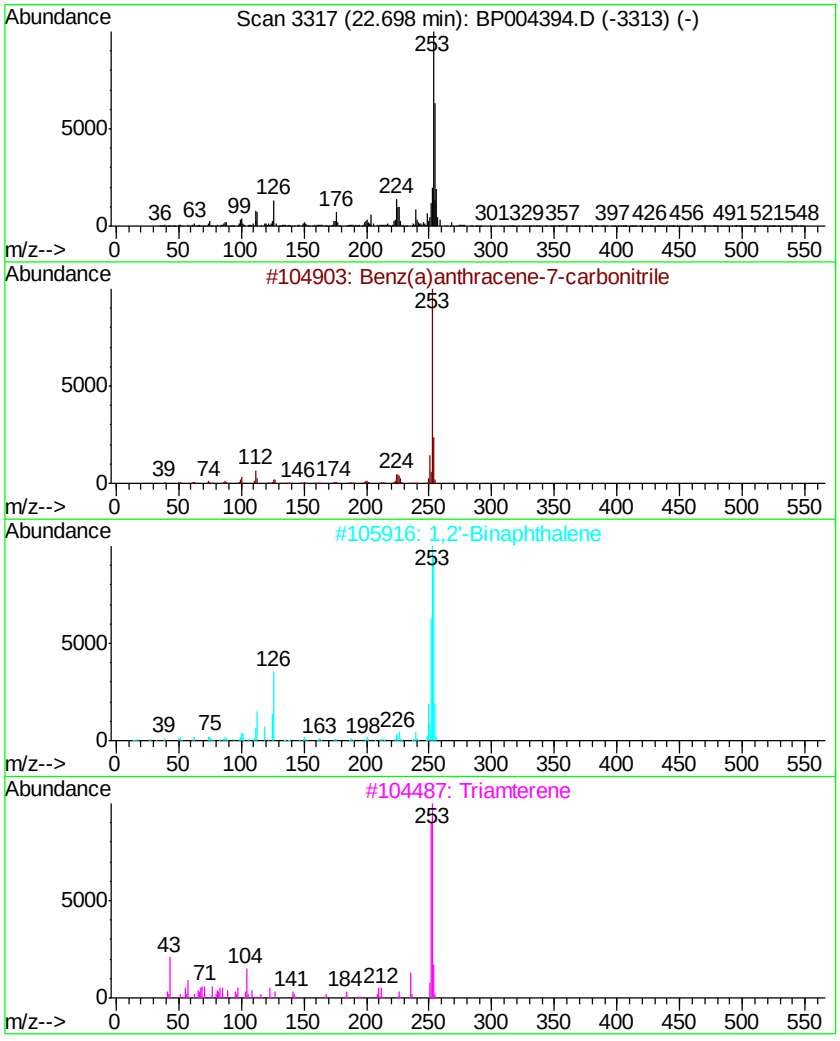
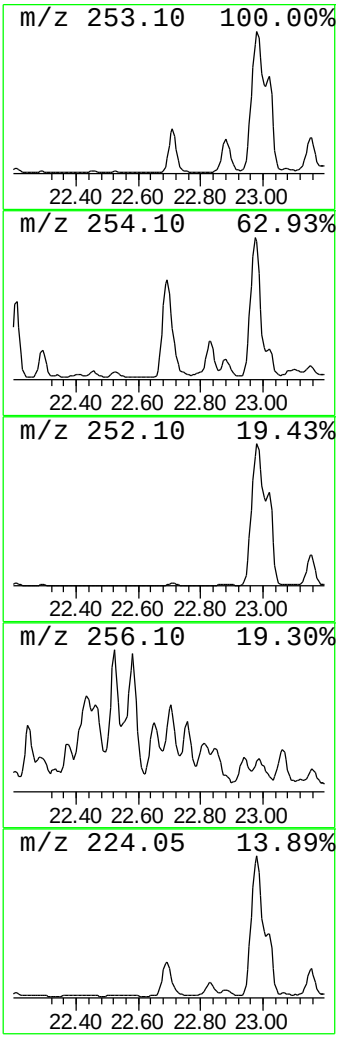
Peak Number 34 Benz(a)anthracene-7-carboni... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	12.83 ng/ul	2112870	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	43
3	Triamterene	253	C12H11N7	000396-01-0	40
4	1,3-Isoindolinedione, 2-(4-metho...	253	C15H11NO3	002142-04-3	38
5	N-Benzylisatoic anhydride	253	C15H11NO3	035710-05-5	38





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Data File : BP004394.D
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Sample : L5134-01
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

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Quant Title : SVOA CALIBRATION

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

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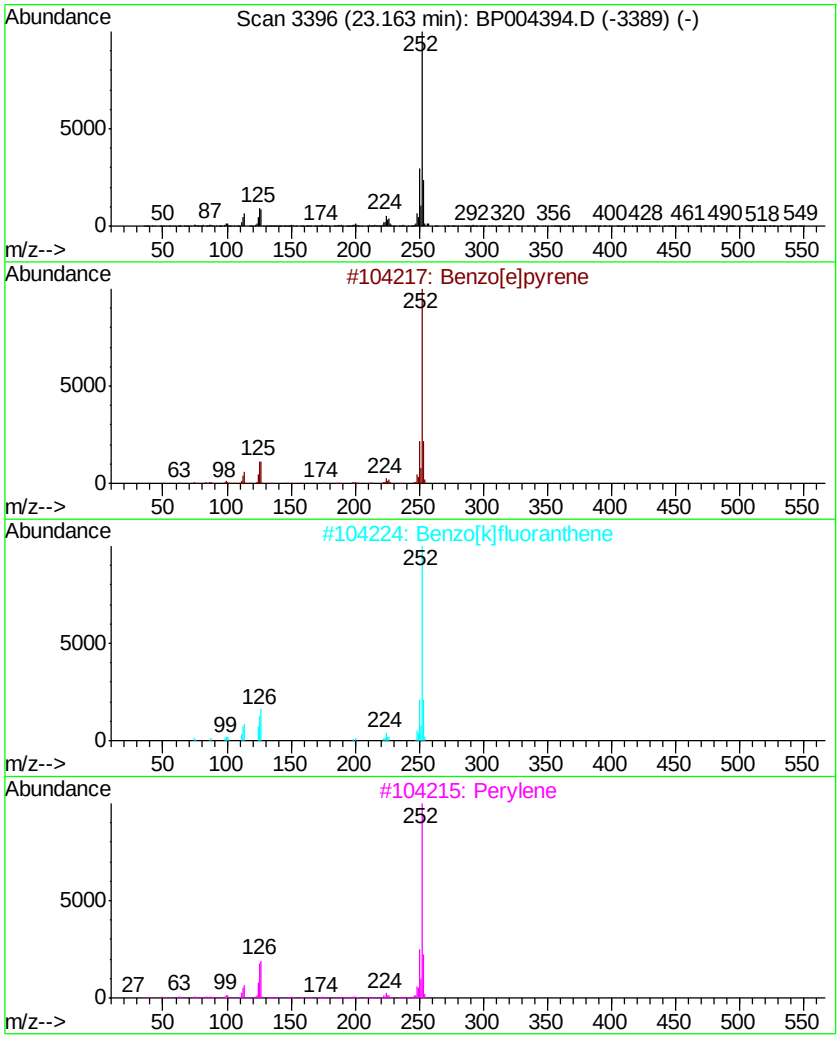
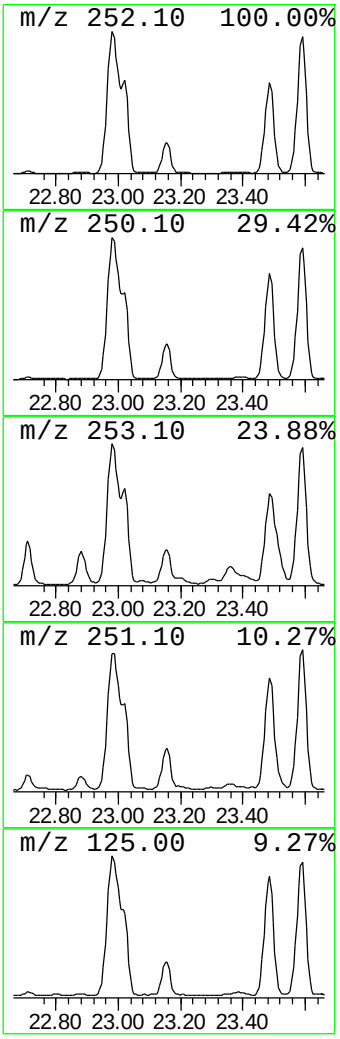
Peak Number 35 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	18.59 ng/ul	3059970	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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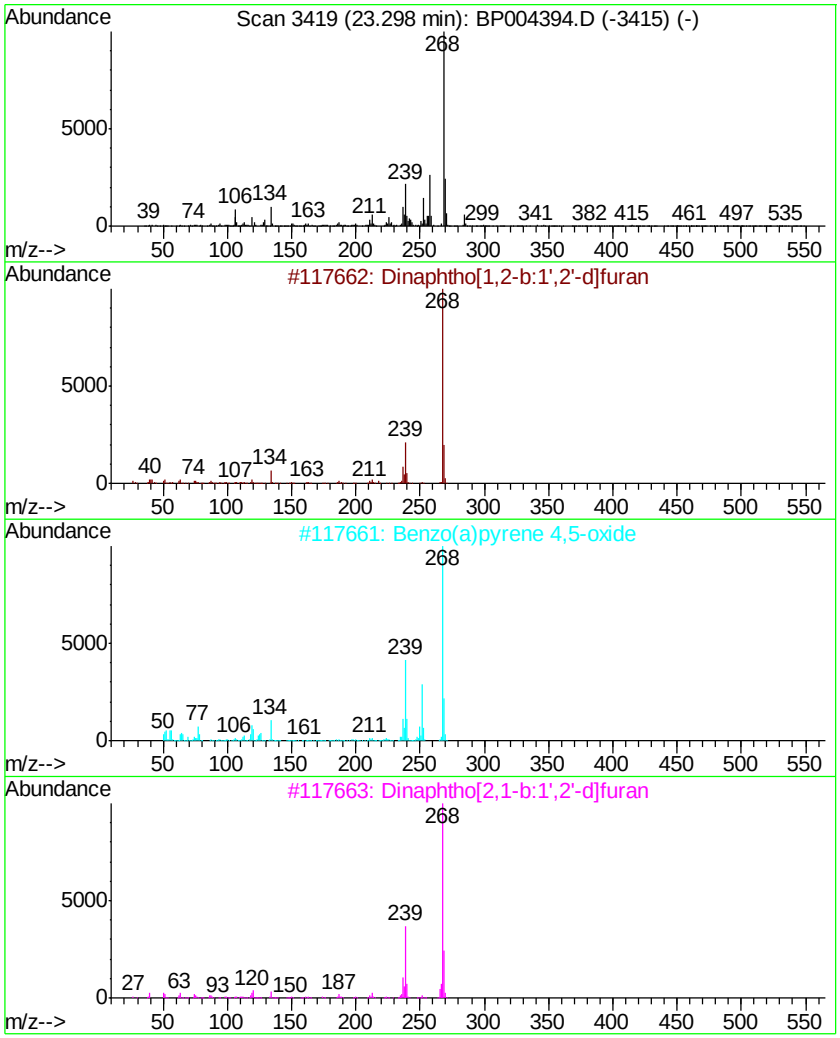
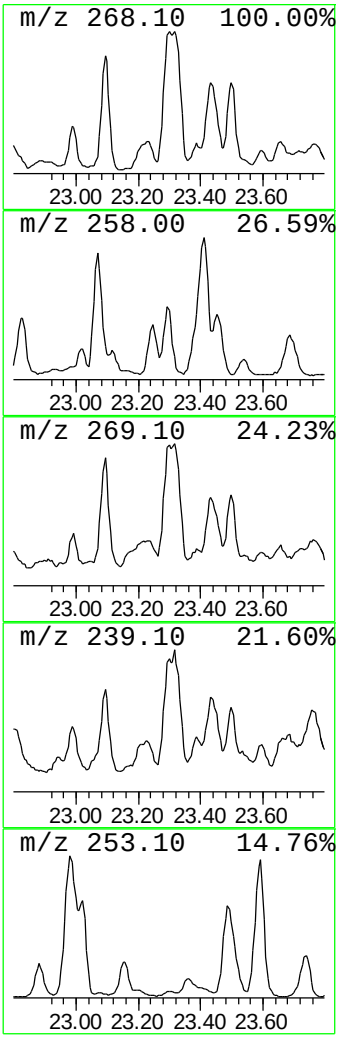
Peak Number 36 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	7.69 ng/ul	1265750	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	81
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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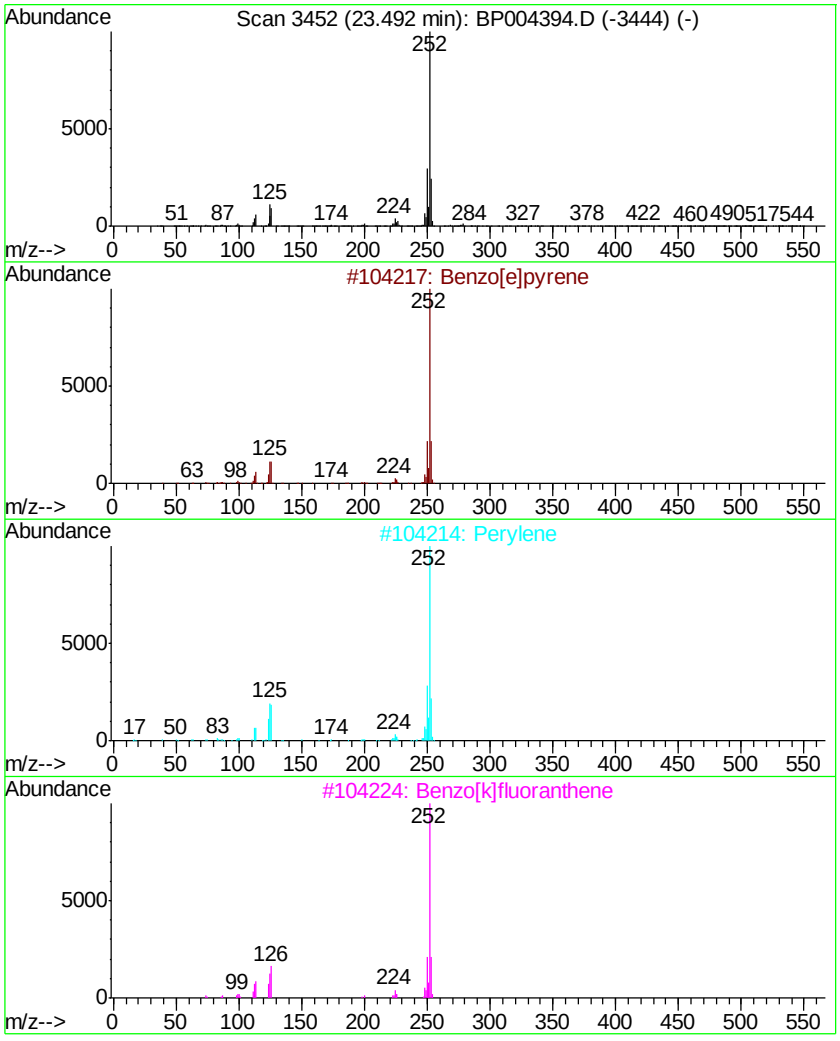
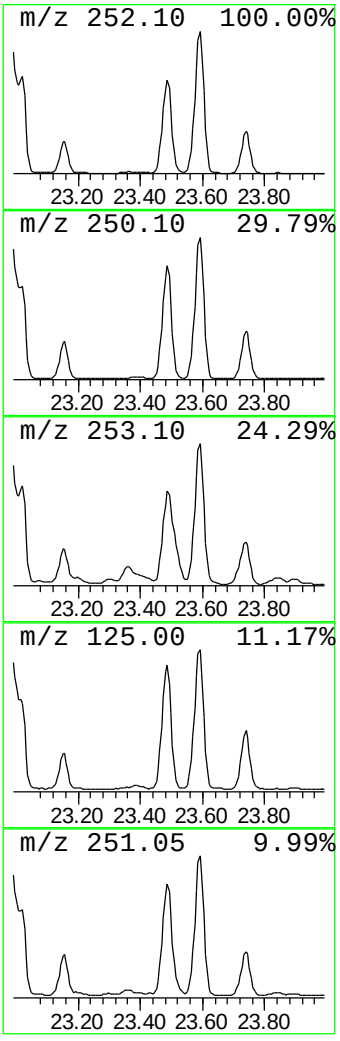
Peak Number 37 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	61.46 ng/ul	10118600	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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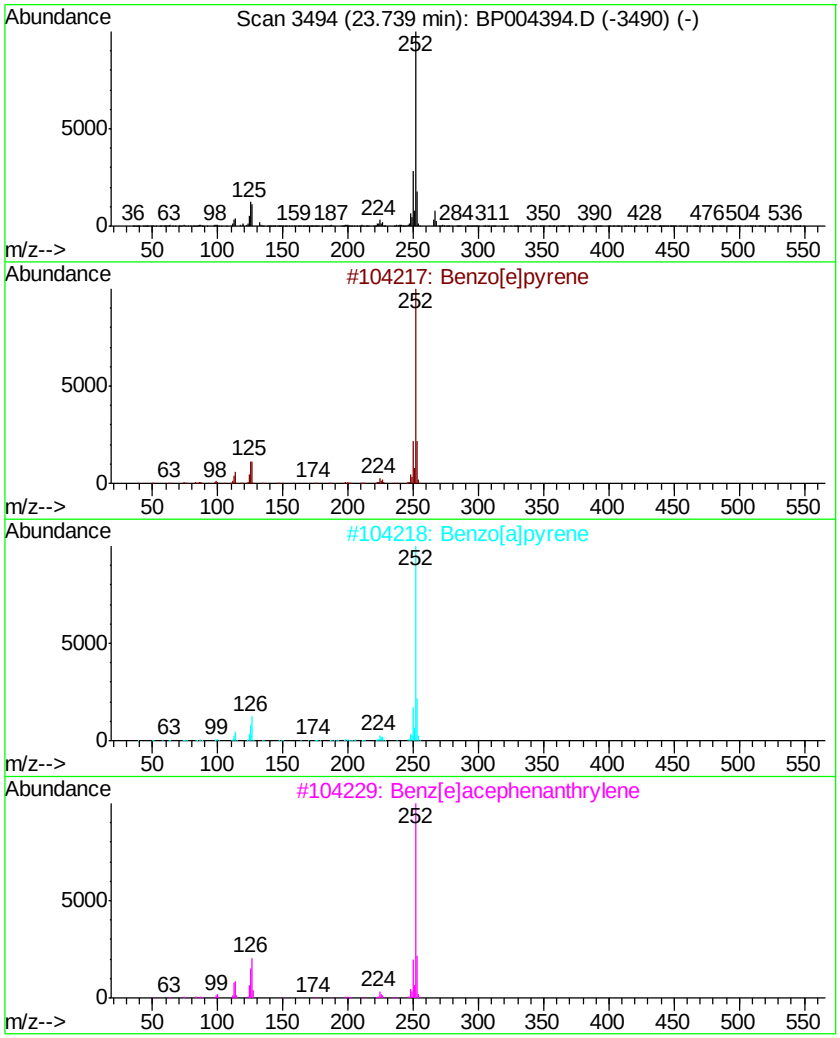
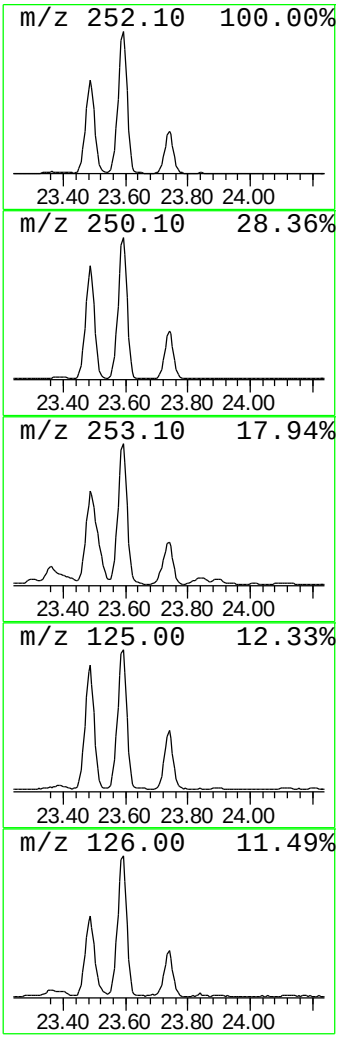
Peak Number 38 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	31.44 ng/ul	5176450	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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	3.83	6.7	ng/ul	459954	1	7.82	1366990	20.0
[1,1'-Biphenyl]-4...	15.82	4.9	ng/ul	695302	3	14.47	2856270	20.0
Dibenzofuran, 4-m...	15.96	6.3	ng/ul	1057890	4	17.23	3361060	20.0
Naphtho[2,1-b]fur...	16.76	3.8	ng/ul	639877	4	17.23	3361060	20.0
9H-Fluoren-9-one	16.88	9.0	ng/ul	1506950	4	17.23	3361060	20.0
2,4,6-Trimethoxyb...	16.96	5.5	ng/ul	916812	4	17.23	3361060	20.0
Dibenzothiophene	17.05	7.7	ng/ul	1287870	4	17.23	3361060	20.0
Benzo[h]quinoline	17.42	3.2	ng/ul	542756	4	17.23	3361060	20.0
Dibenzo[a,e]cyclo...	17.75	3.5	ng/ul	590561	4	17.23	3361060	20.0
Anthrone	17.81	3.3	ng/ul	546240	4	17.23	3361060	20.0
Phenanthrene, 2-m...	18.10	16.7	ng/ul	2804650	4	17.23	3361060	20.0
Phenanthrene, 1-m...	18.15	21.9	ng/ul	3687270	4	17.23	3361060	20.0
Anthracene, 1-met...	18.23	7.4	ng/ul	1240210	4	17.23	3361060	20.0
4H-Cyclopenta[def...	18.29	26.5	ng/ul	4458770	4	17.23	3361060	20.0
1H-Indene, 2-phenyl-	18.33	10.2	ng/ul	1705480	4	17.23	3361060	20.0
Naphthalene, 2-ph...	18.59	13.3	ng/ul	2232040	4	17.23	3361060	20.0
9,10-Anthracenedione	18.63	12.9	ng/ul	2164030	4	17.23	3361060	20.0
Anthracene, 2-ethyl-	18.82	4.5	ng/ul	755861	4	17.23	3361060	20.0
Phenanthrene, 3,6...	18.87	3.5	ng/ul	583036	4	17.23	3361060	20.0
di-p-Tolylacetylene	18.91	3.4	ng/ul	576484	4	17.23	3361060	20.0
Phenanthrene, 2,5...	18.99	11.4	ng/ul	1917730	4	17.23	3361060	20.0
9,10-Bis(bromomet...	19.05	5.2	ng/ul	869830	4	17.23	3361060	20.0
Naphthalene, 1,2-...	19.08	3.5	ng/ul	590544	4	17.23	3361060	20.0
Cyclopenta(def)ph...	19.13	14.4	ng/ul	2425960	4	17.23	3361060	20.0
Cyclopenta[cd]pyrene	21.06	3.4	ng/ul	4128300	5	21.33	23987300	20.0
Benz(a)anthracene...	22.70	12.8	ng/ul	2112870	6	23.69	3292770	20.0
Benzo[e]pyrene	23.16	18.6	ng/ul	3059970	6	23.69	3292770	20.0
Dinaphtho[1,2-b:1...	23.30	7.7	ng/ul	1265750	6	23.69	3292770	20.0
Perylene	23.49	61.5	ng/ul	10118600	6	23.69	3292770	20.0
unknown-02	23.74	31.4	ng/ul	5176450	6	23.69	3292770	20.0