LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

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-BP121020MA.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	3.834	107	110	117	rVB	46779	65543	1.00%	0.083%
2	6.993	641	647	658	rBV2	458096	994161	15.16%	1.263%
3	7.164	670	676	684	rVB	374227	593290	9.05%	0.754%
4	7.364	704	710	717	rBV	498524	791606	12.07%	1.006%
5	7.422	717	720	725	rVV	42122	66671	1.02%	0.085%
6	7.493	728	732	741	rVB3	29891	63491	0.97%	0.081%
7	7.834	783	790	797	rBV	813879	1288037	19.64%	1.636%
8	8.369	876	881	889	rVB	31946	60965	0.93%	0.077%
9	8.534	902	909	916	rBV	548955	880457	13.42%	1.119%
10	8.987	979	986	995	rVB	453540	761099	11.60%	0.967%
11	9.710	1102	1109	1121	rVB	360997	619862	9.45%	0.787%
12	10.246	1191	1200	1210	rVB	607654	1028166	15.68%	1.306%
13	10.628	1257	1265	1271	rBV	1120398	1908621	29.10%	2.425%
14	10.675	1271	1273	1281	rVV	64185	95574	1.46%	0.121%
15	10.763	1281	1288	1300	rVV	394454	736028	11.22%	0.935%
16	12.146	1513	1523	1529	rVV4	25036	81597	1.24%	0.104%
17	12.293	1542	1548	1555	rVB	46264	77365	1.18%	0.098%
18	12.516	1578	1586	1592	rVB	42505	70506	1.07%	0.090%
19	13.310	1715	1721	1726	rVV3	31822	57503	0.88%	0.073%
20	13.375	1726	1732	1739	rVV3	38674	83625	1.28%	0.106%
21	13.657	1772	1780	1785	rBV4	25558	63509	0.97%	0.081%
22	13.799	1798	1804	1809	rBV2	63959	112128	1.71%	0.142%
23	13.881	1809	1818	1823	rBV	1030137	1518375	23.15%	1.929%
24	13.928	1823	1826	1831	rVB	210033	282513	4.31%	0.359%
25	14.169	1857	1867	1871	rBV	1320884	2237479	34.11%	2.842%
26	14.481	1911	1920	1927	rBV	1735240	2606262	39.74%	3.311%
27	14.546	1927	1931	1939	rVB2	36795	64417	0.98%	0.082%
28	14.675	1947	1953	1965	rBV	364431	630734	9.62%	0.801%
29	14.881	1983	1988	1995	rVB2	78279	140639	2.14%	0.179%
30	14.957	1996	2001	2006	rVB	55599	81794	1.25%	0.104%
31	15.093	2017	2024	2030	rBV3	73592	200425	3.06%	0.255%
32	15.351	2063	2068	2075	rVB2	96221	153336	2.34%	0.195%
33	15.475	2080	2089	2095	rBV	1746653	2531651	38.60%	3.216%
34	15.534	2095	2099	2106	rVB3	96155	182107	2.78%	0.231%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

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-BP121020MA.M
Title : SVOA CALIBRATION

35	15.598	2106	2110	2117	rVB	218508	299155	4.56%	0.380%
36	15.745	2123	2135	2143	rBV8	57802	153623	2.34%	0.195%
37	15.828	2144	2149	2154	rBV	50050	102929	1.57%	0.131%
38	15.981	2171	2175	2182	rVB3	54799	106086	1.62%	0.135%
39	16.210	2209	2214	2222	rVV4	116214	227976	3.48%	0.290%
40	16.540	2263	2270	2275	rVV4	66011	164965	2.52%	0.210%
41	16.592	2275	2279	2285	rVV	69444	107189	1.63%	0.136%
42	16.692	2292	2296	2302	rVB2	42780	66633	1.02%	0.085%
43	16.816	2314	2317	2323	rVV	58295	77325	1.18%	0.098%
44	16.892	2326	2330	2338	rVB3	97660	180515	2.75%	0.229%
45	16.975	2340	2344	2348	rBV3	30651	57921	0.88%	0.074%
46	17.057	2354	2358	2366	rVB	119323	203844	3.11%	0.259%
47	17.240	2383	2389	2393	rBV	2221495	3140851	47.89%	3.990%
48	17.281	2393	2396	2401	rVV	1302573	1794794	27.36%	2.280%
49	17.340	2401	2406	2410	rVV	1902286	2872430	43.80%	3.649%
50	17.375	2410	2412	2417	rVV	530317	624068	9.52%	0.793%
51	17.434	2417	2422	2427	rVV3	96755	193261	2.95%	0.246%
52	17.522	2433	2437	2440	rVV4	47822	100132	1.53%	0.127%
53	17.557	2440	2443	2448	rVB3	54483	80633	1.23%	0.102%
54	17.645	2454	2458	2467	rBV3	70169	124034	1.89%	0.158%
55	17.822	2484	2488	2497	rVB	140048	209669	3.20%	0.266%
56	17.963	2508	2512	2518	rVB	77062	140017	2.13%	0.178%
57	18.034	2520	2524	2528	rBV2	58087	92188	1.41%	0.117%
58	18.110	2532	2537	2541	rVV	382966	617328	9.41%	0.784%
59	18.157	2541	2545	2550	rVV	528456	761617	11.61%	0.968%
60	18.234	2554	2558	2563	rVV	266665	408651	6.23%	0.519%
61	18.298	2563	2569	2573	rVV2	587232	1200190	18.30%	1.525%
62	18.334	2573	2575	2583	rVB	371622	461531	7.04%	0.586%
63	18.492	2599	2602	2607	rVB3	85590	121243	1.85%	0.154%
64	18.592	2615	2619	2623	rBV2	216459	287646	4.39%	0.365%
65	18.634	2623	2626	2637	rVB2	158077	331855	5.06%	0.422%
66	18.716	2637	2640	2642	rBV2	45924	59517	0.91%	0.076%
67	18.804	2652	2655	2657	rBV	97140	123388	1.88%	0.157%
68	18.834	2658	2660	2663	rVV2	117162	127292	1.94%	0.162%
69	18.881	2664	2668	2671	rVB2	165807	208510	3.18%	0.265%
70	18.916	2672	2674	2679	rVB2	141509	176311	2.69%	0.224%
71	18.998	2683	2688	2692	rBV	522084	788508	12.02%	1.002%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

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-BP121020MA.M
Title : SVOA CALIBRATION

72	19.134	2707	2711	2718	rBV2	315734	613710	9.36%	0.780%
73	19.257	2727	2732	2738	rBV	2580001	3284868	50.08%	4.173%
74	19.316	2739	2742	2745	rVV	117616	148889	2.27%	0.189%
75	19.351	2745	2748	2752	rVB2	142908	171497	2.61%	0.218%
76	19.404	2752	2757	2761	rBV	350957	477189	7.28%	0.606%
77	19.492	2769	2772	2774	rBV2	112081	126577	1.93%	0.161%
78	19.581	2782	2787	2790	rBV	2853679	4286844	65.36%	5.446%
79	19.610	2790	2792	2800	rVV	2729985	3239603	49.39%	4.116%
80	19.681	2800	2804	2810	rVB3	243125	407214	6.21%	0.517%
81	19.781	2817	2821	2827	rVB2	125930	227732	3.47%	0.289%
82	19.839	2828	2831	2838	rVB2	235331	353786	5.39%	0.449%
83	19.922	2841	2845	2852	rBV3	312636	722857	11.02%	0.918%
84	20.057	2864	2868	2870	rBV4	264982	404144	6.16%	0.513%
85	20.092	2871	2874	2880	rVB	573167	753329	11.49%	0.957%
86	20.186	2887	2890	2894	rVB2	256695	307730	4.69%	0.391%
87	20.245	2896	2900	2904	rVB2	498925	673654	10.27%	0.856%
88	20.386	2920	2924	2927	rBV	457396	598841	9.13%	0.761%
89	20.428	2927	2931	2935	rVB2	428671	547980	8.35%	0.696%
90	20.822	2995	2998	3005	rVB	404522	660919	10.08%	0.840%
91	21.063	3035	3039	3044	rBV3	243229	468277	7.14%	0.595%
92	21.116	3045	3048	3054	rVB	287037	433808	6.61%	0.551%
93	21.333	3078	3085	3089	rBV2	3438682	6558746	100.00%	8.332%
94	21.369	3089	3091	3101	rVB	1405152	1896038	28.91%	2.409%
95	22.980	3360	3365	3371	rBV2	1100936	2622111	39.98%	3.331%
96	23.163	3393	3396	3405	rVB	372967	610282	9.30%	0.775%
97	23.492	3447	3452	3456	rBV	719142	1352887	20.63%	1.719%
98	23.545	3456	3461	3465	rVV	1590068	3054053	46.56%	3.880%
99	23.592	3466	3469	3478	rVB	1302851	2378781	36.27%	3.022%
100	23.698	3481	3487	3493	rBV	1750879	3410523	52.00%	4.333%

Sum of corrected areas: 78716230

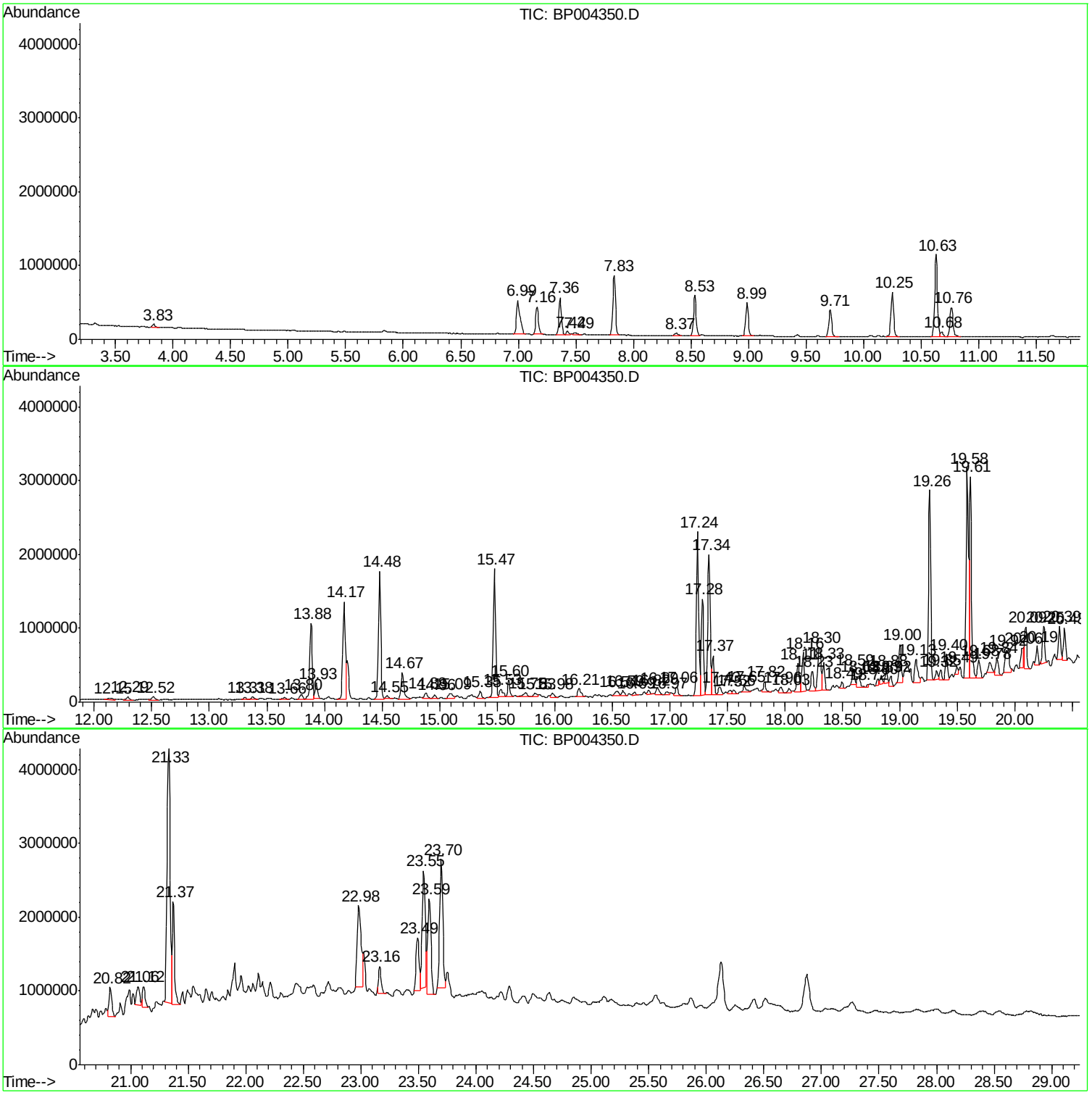
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

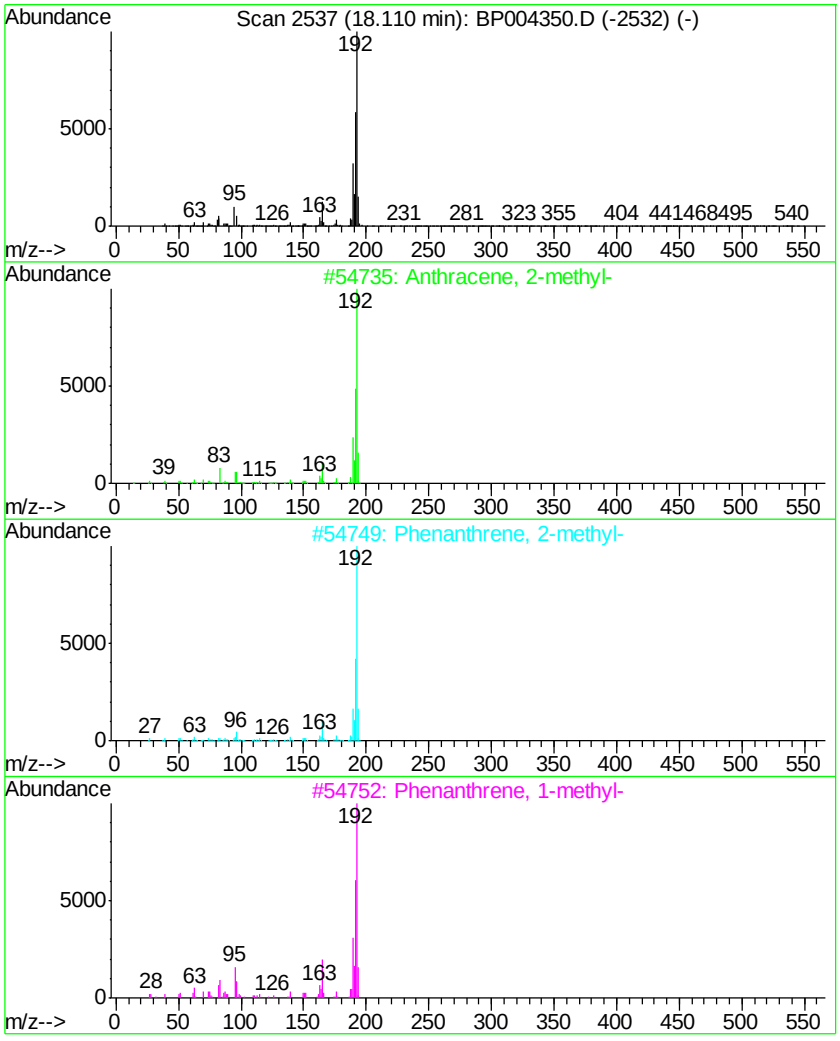
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

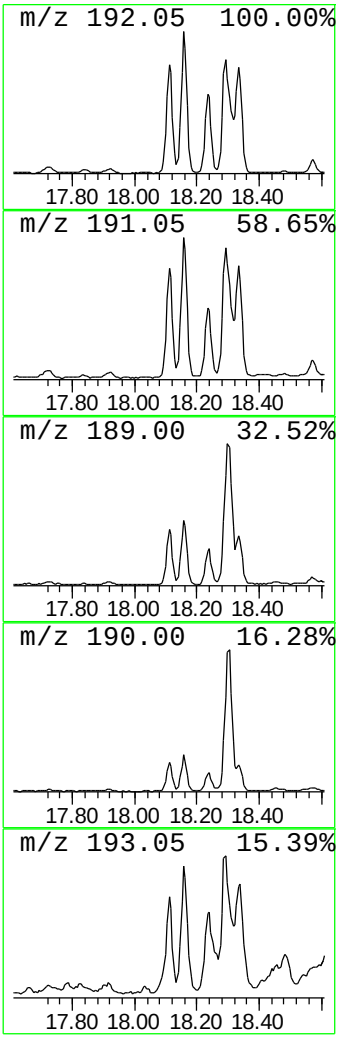
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.93 ng/ul	617328	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

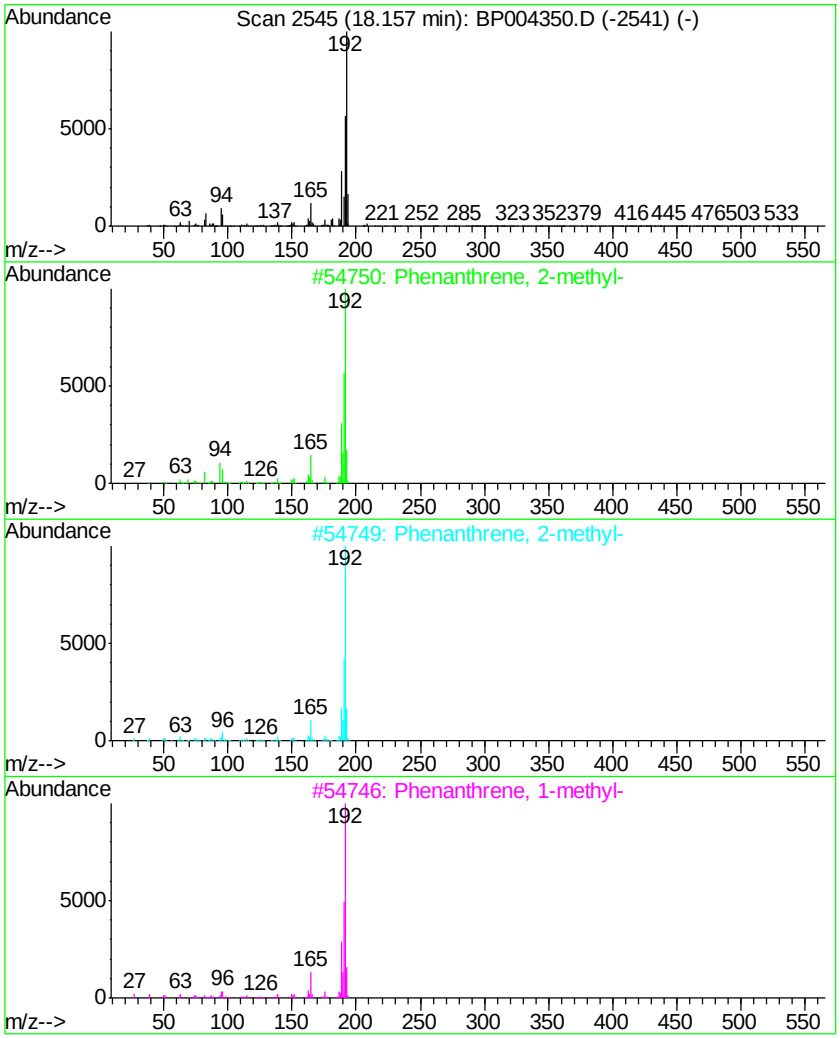
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

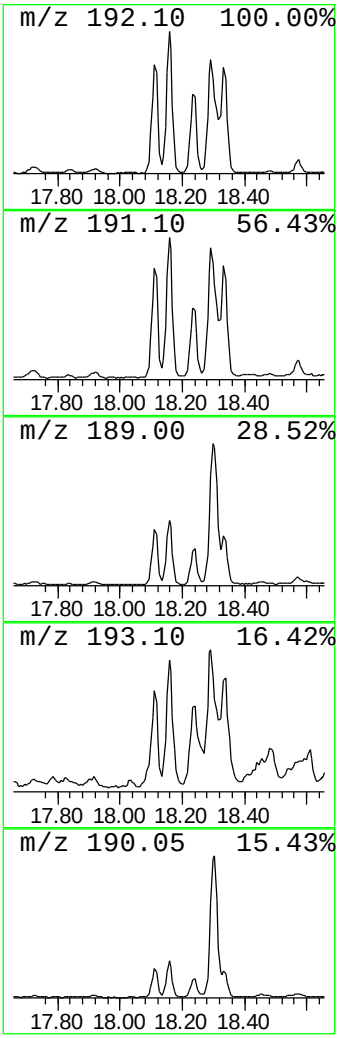
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.85 ng/ul	761617	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

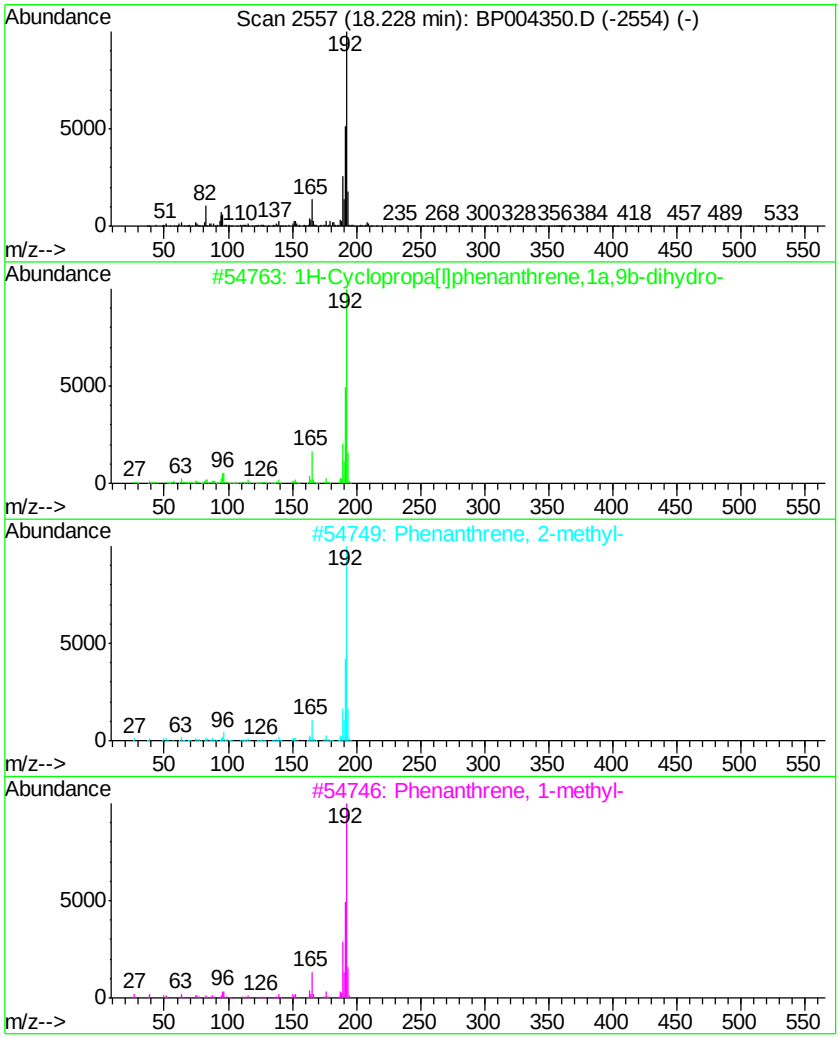
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

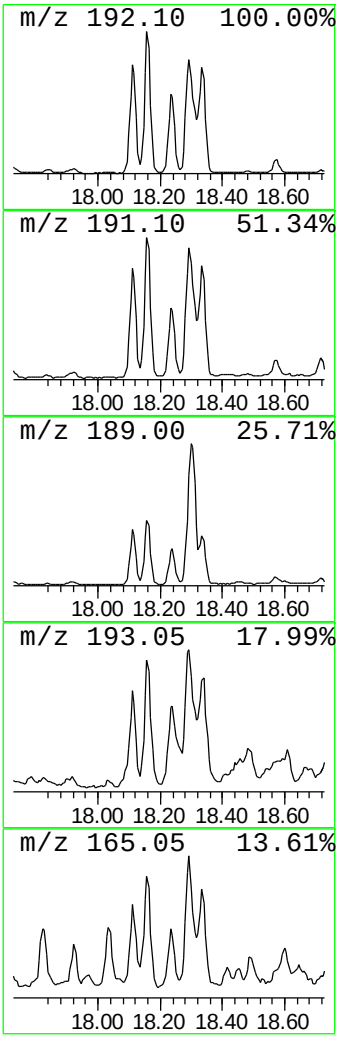
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.60 ng/ul	408651	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

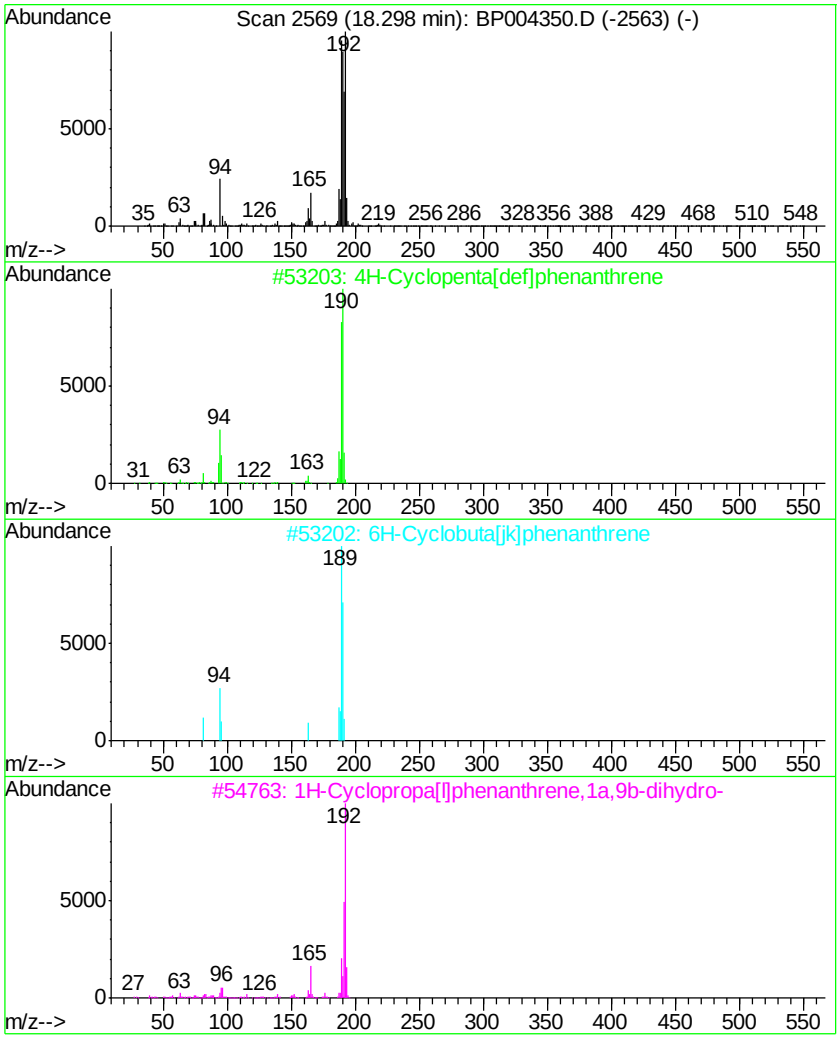
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

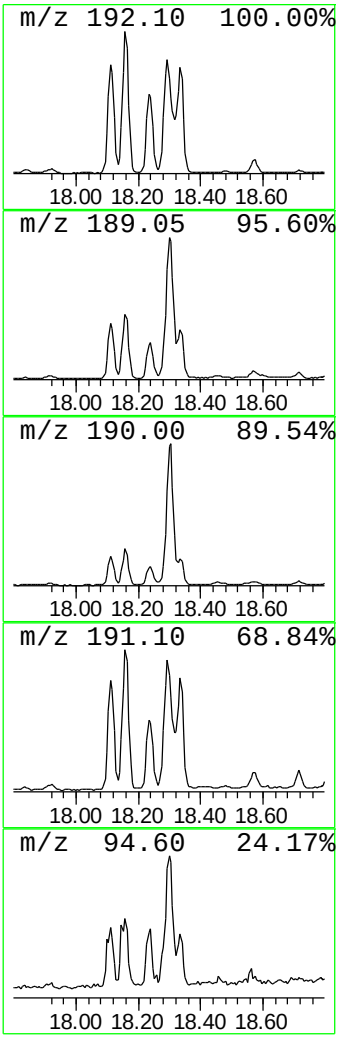
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	7.64 ng/ul	1200190	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

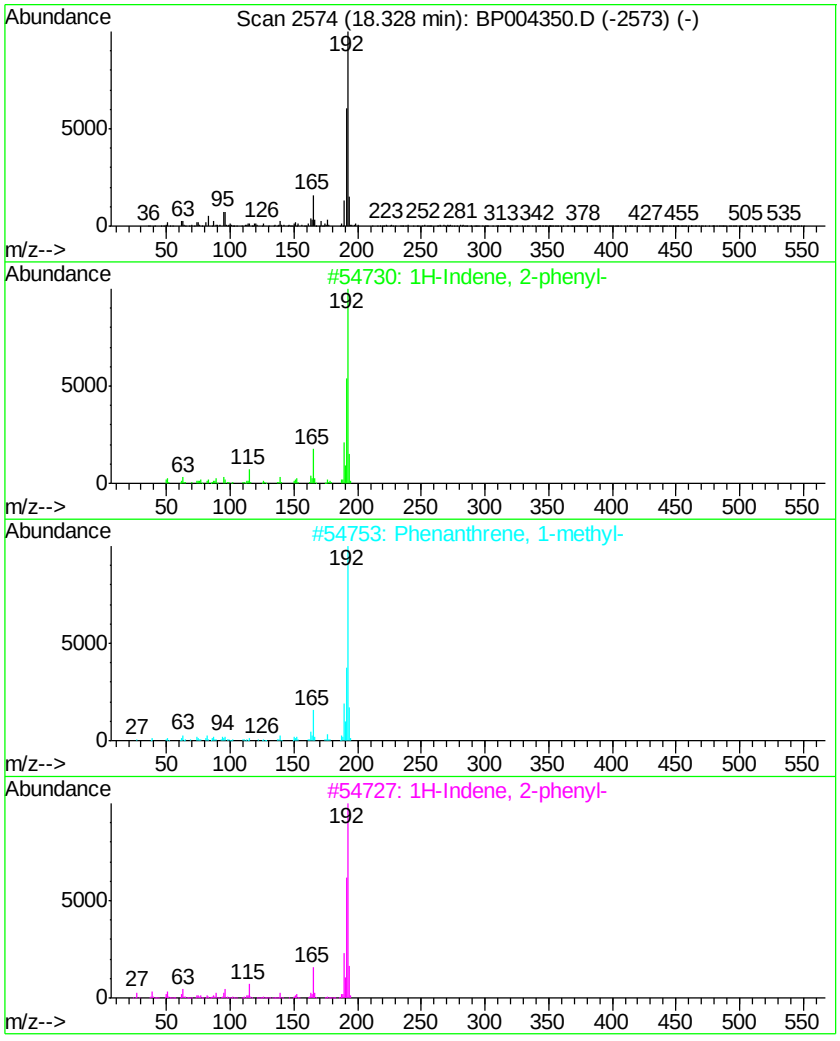
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

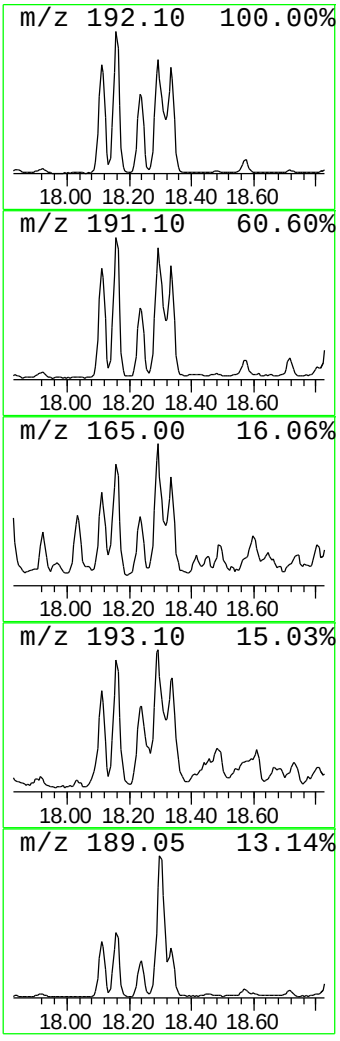
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.94 ng/ul	461531	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

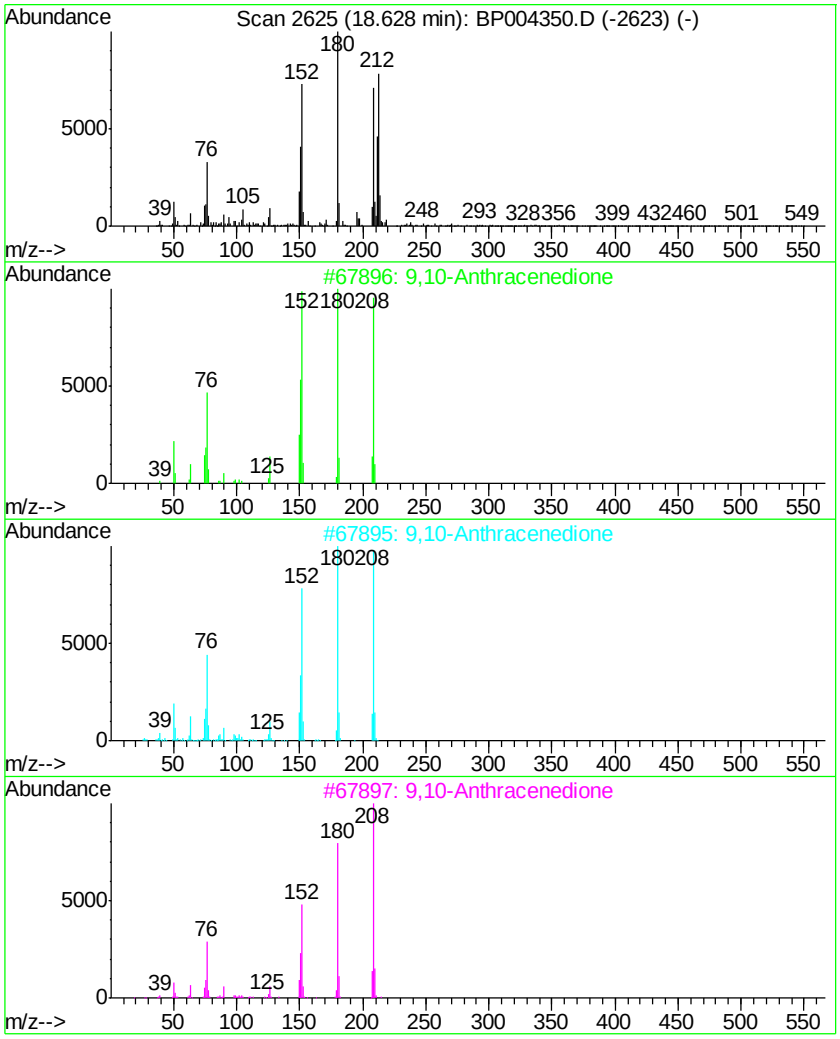
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

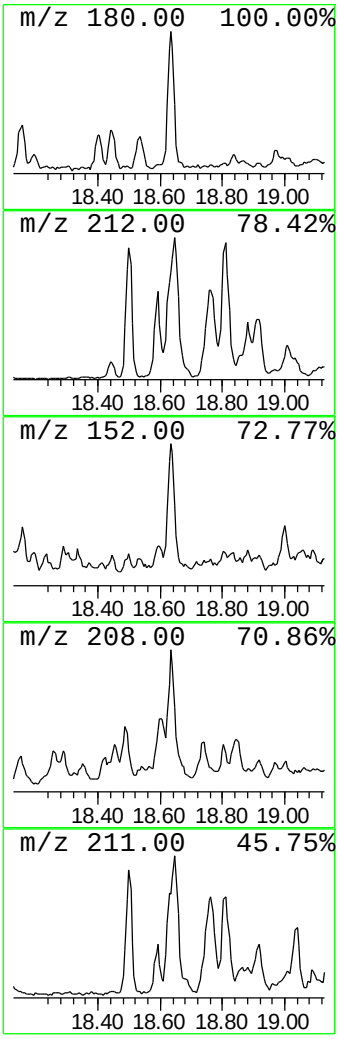
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.11 ng/ul	331855	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

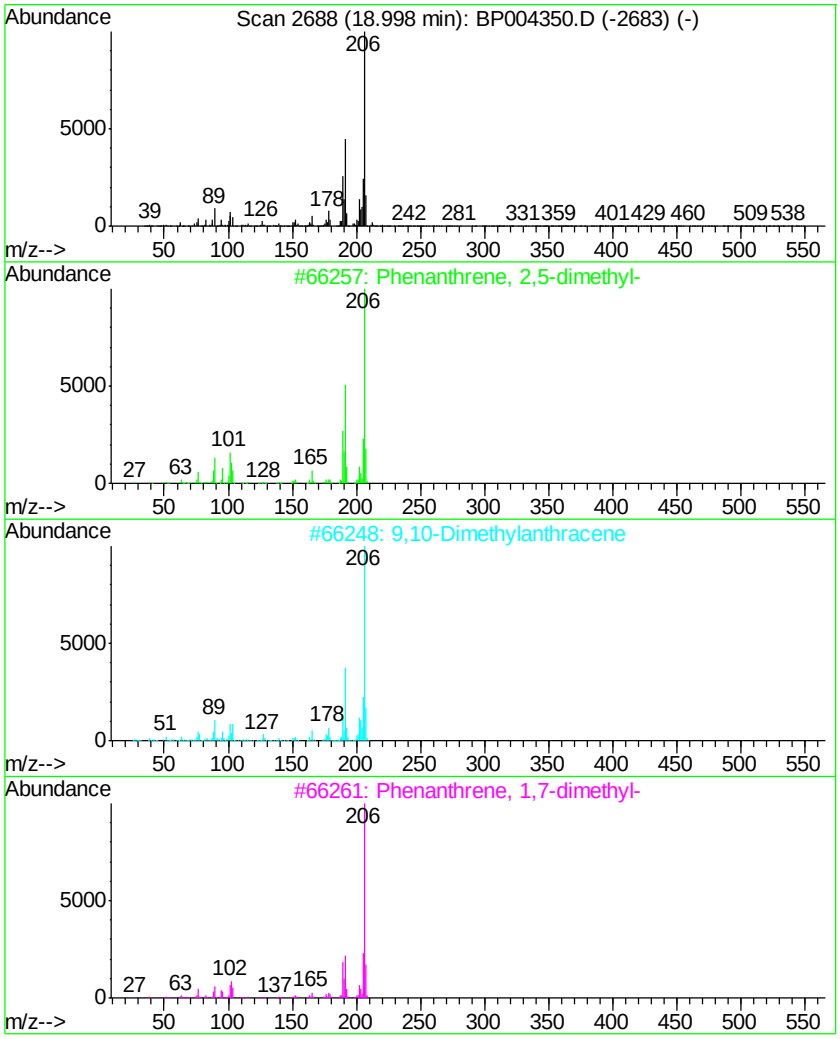
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

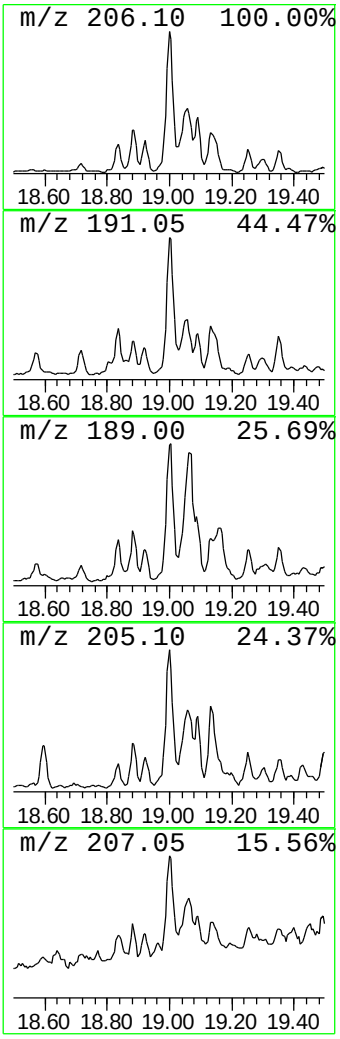
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	5.02 ng/ul	788508	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
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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Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

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Quant Title : SVOA CALIBRATION

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

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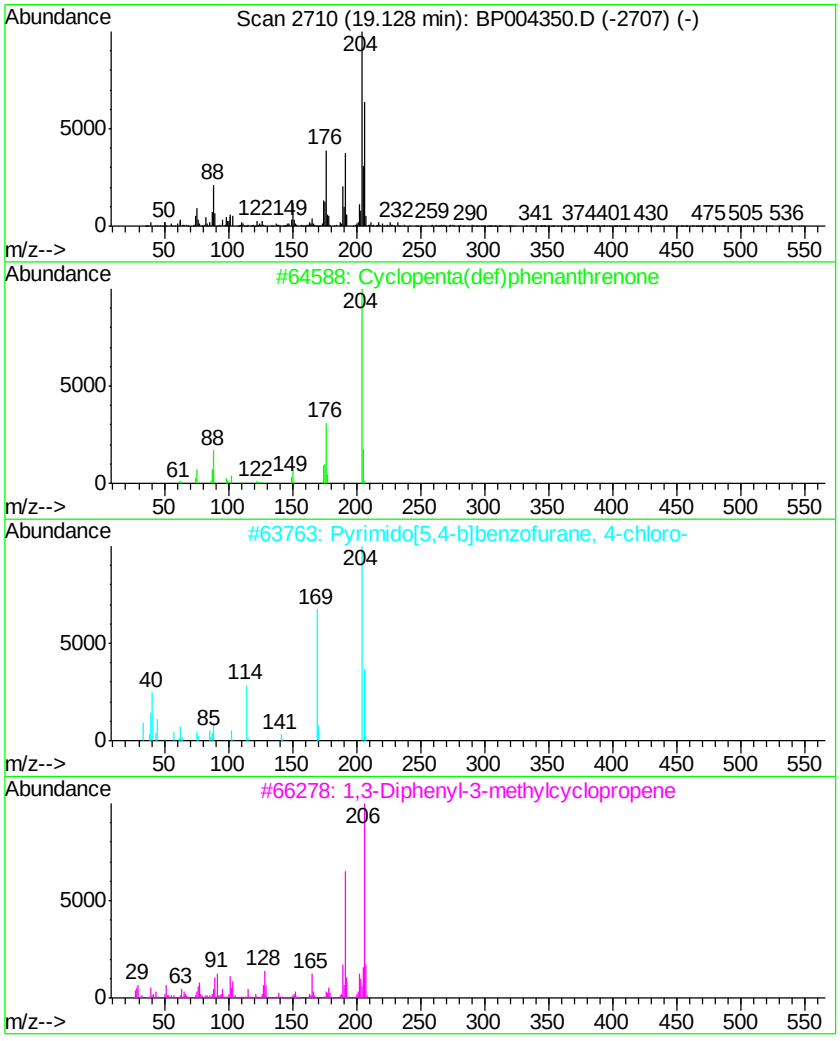
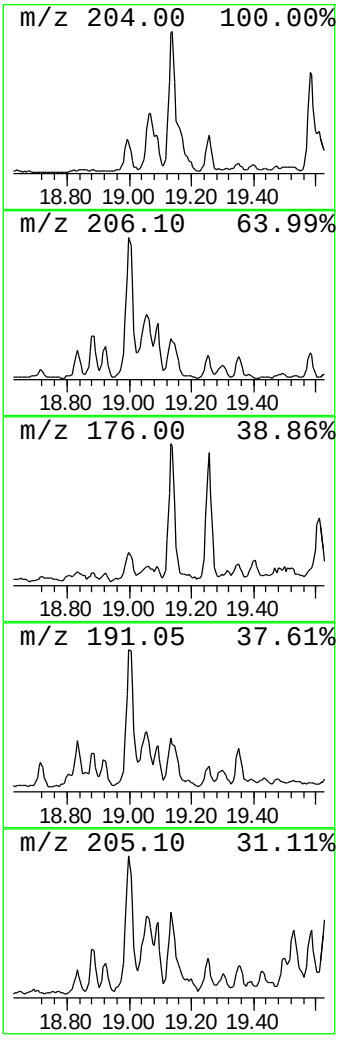
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.91 ng/ul	613710	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	38
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	35
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	30
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	30





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Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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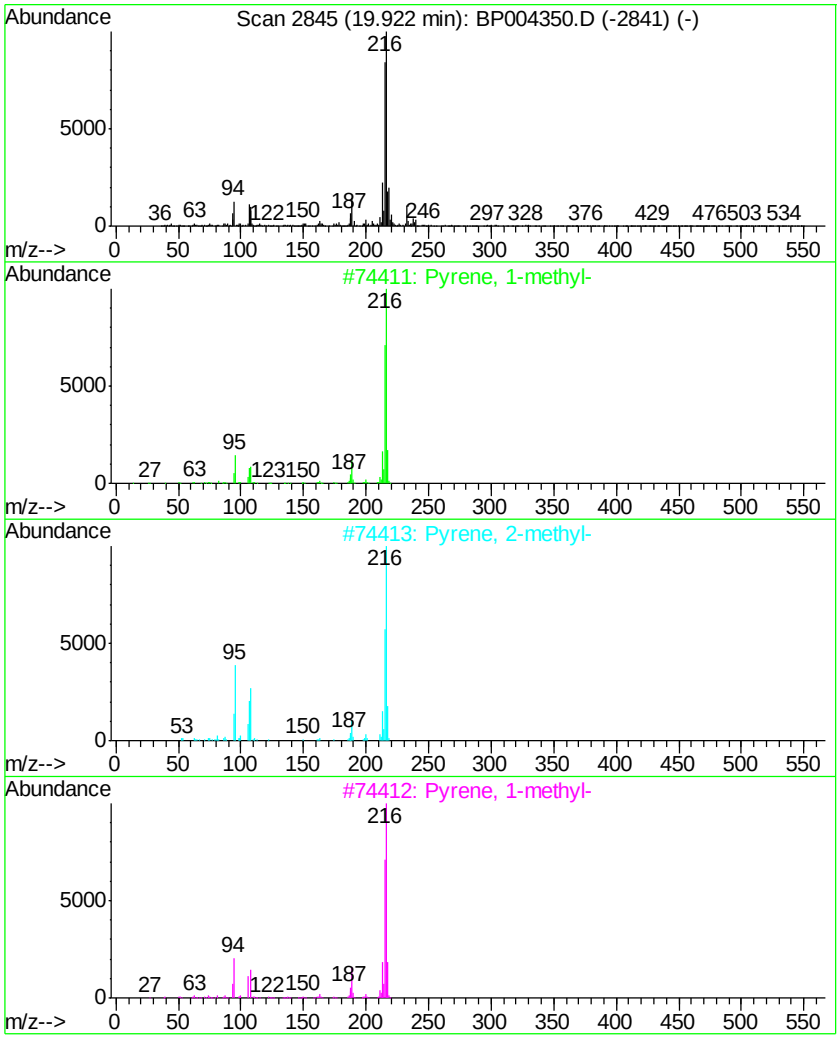
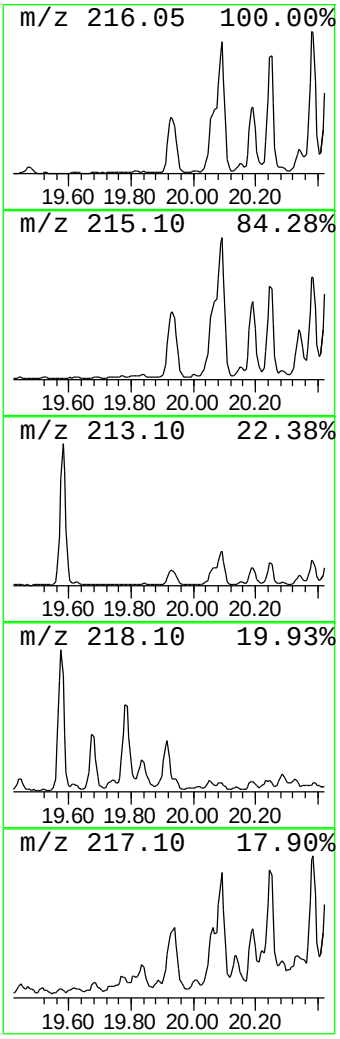
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.20 ng/ul	722857	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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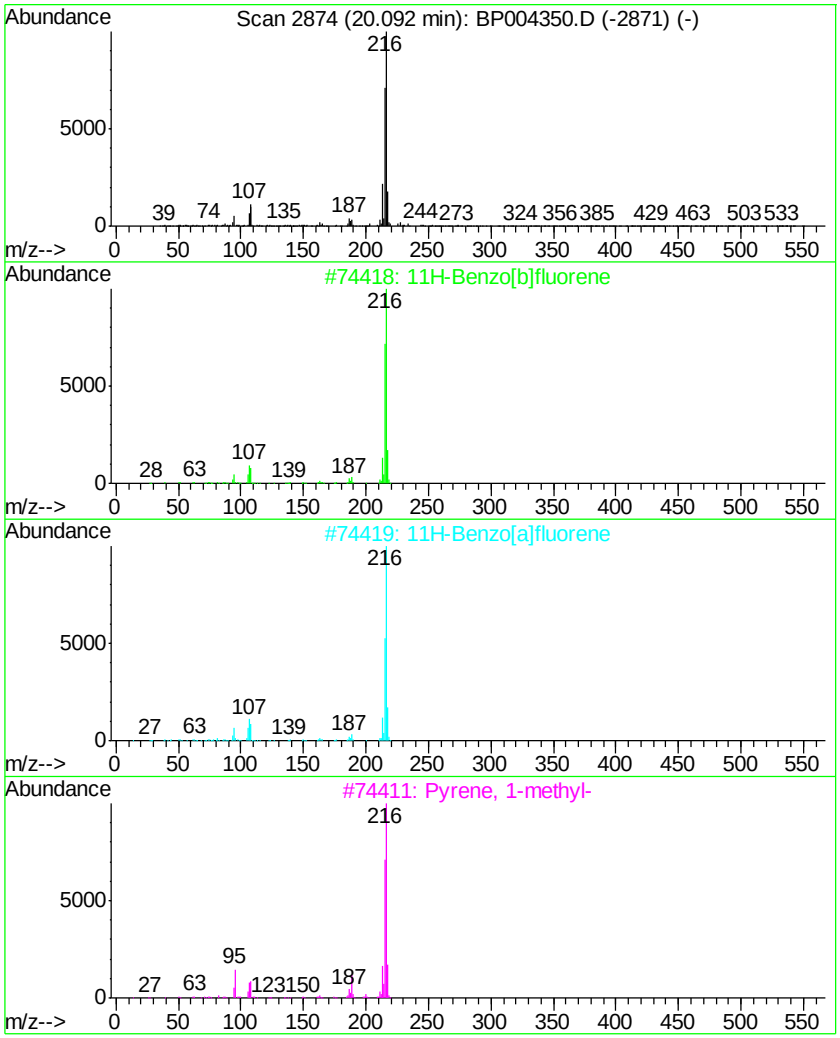
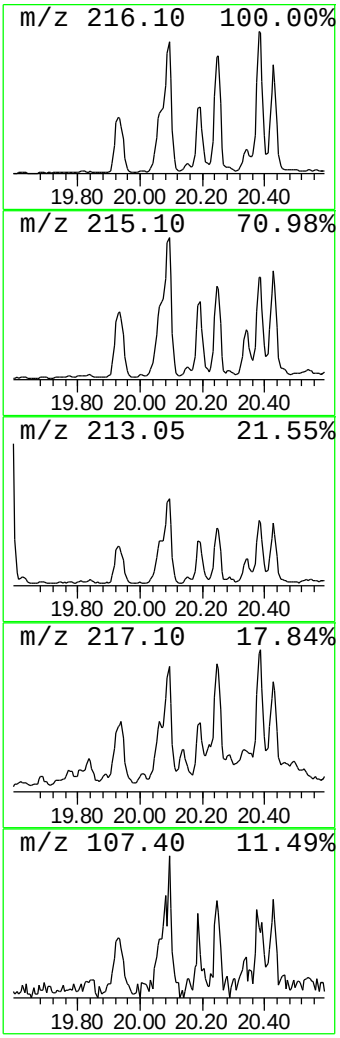
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.30 ng/ul	753329	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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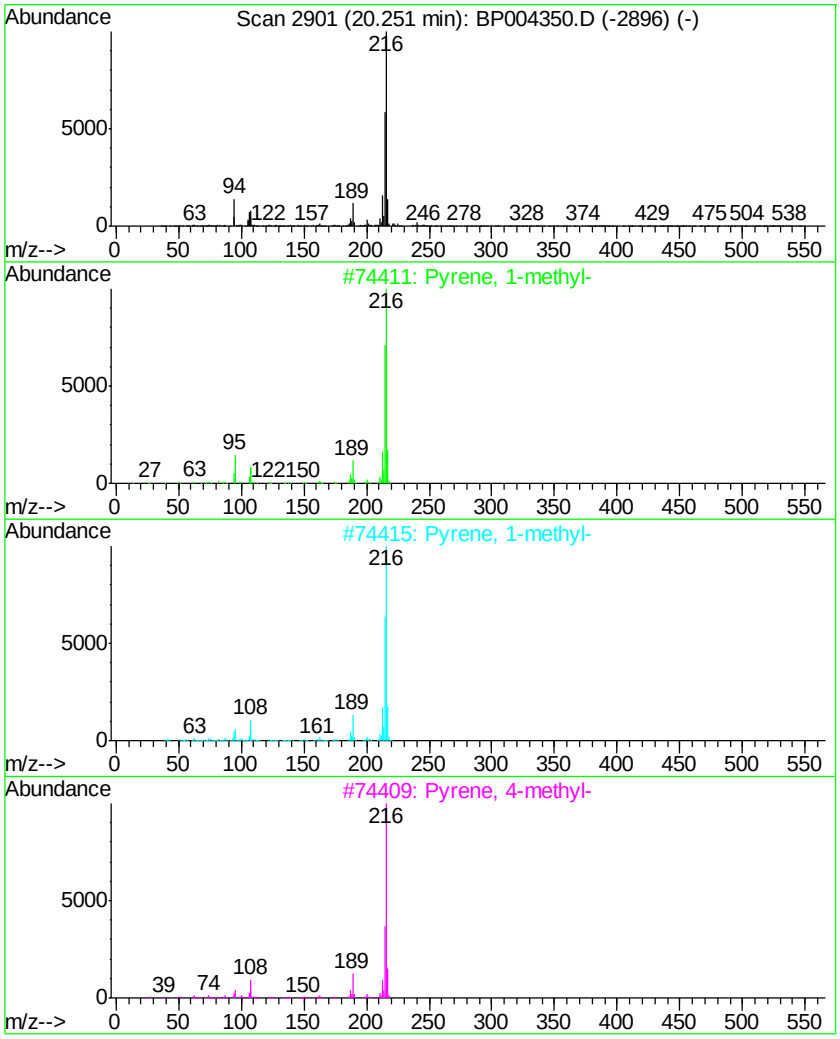
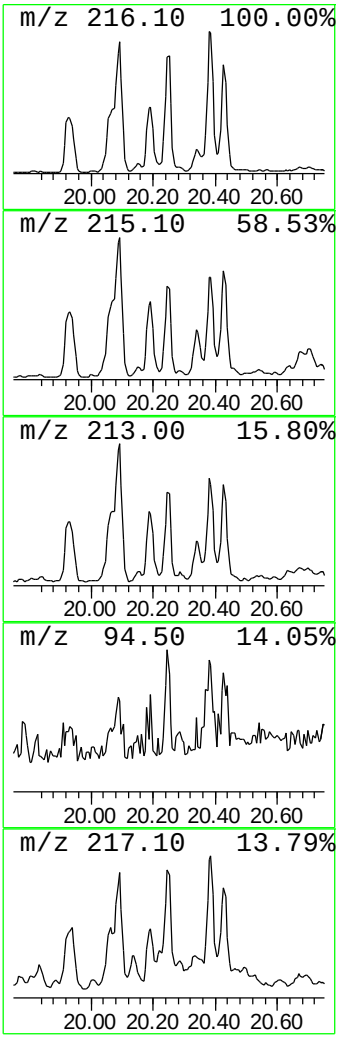
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.05 ng/ul	673654	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





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Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.02 ng/ul	660919	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
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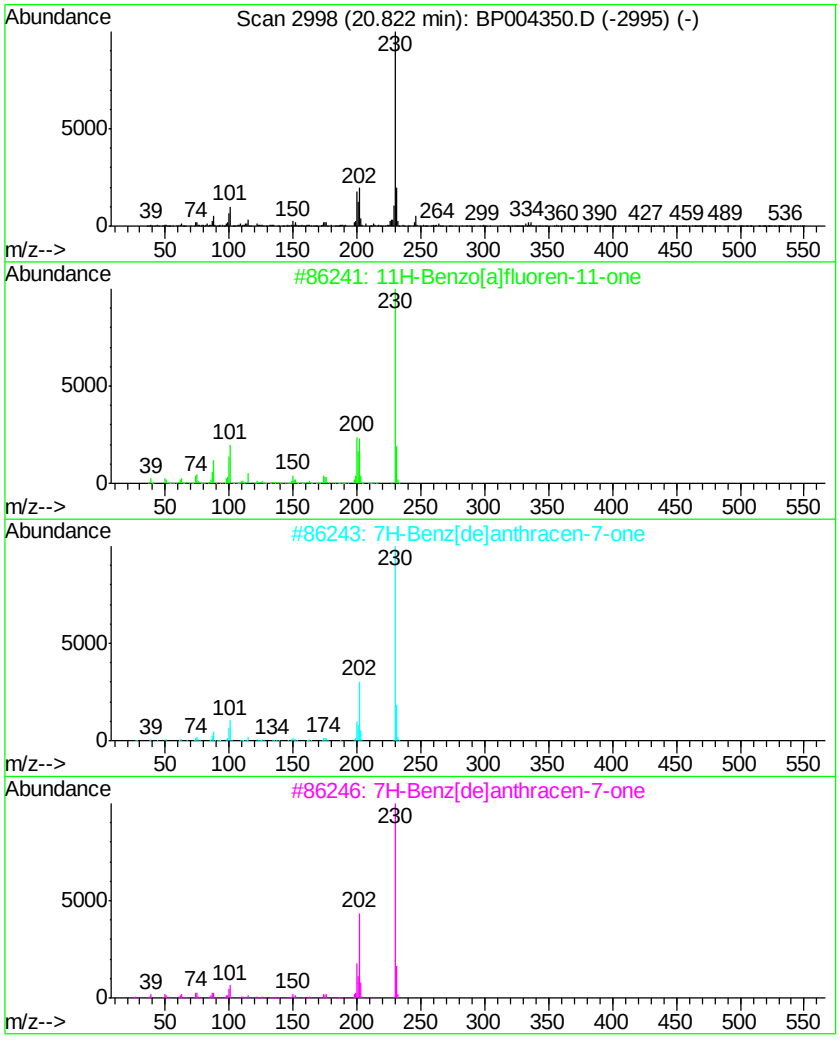

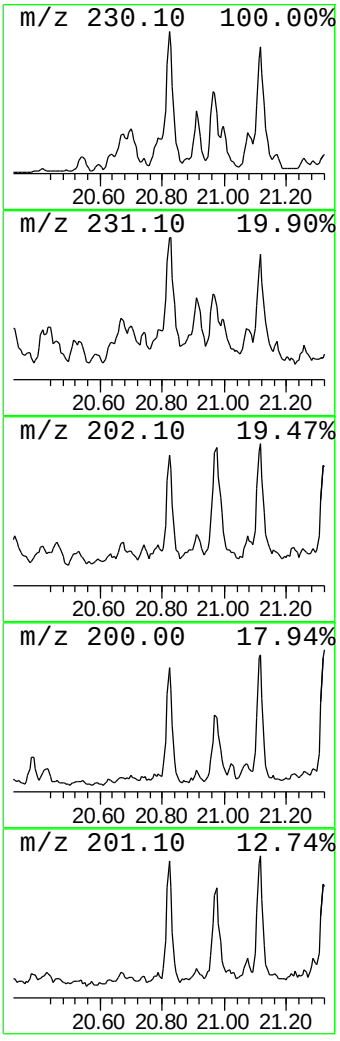

Library Search Compound Report

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Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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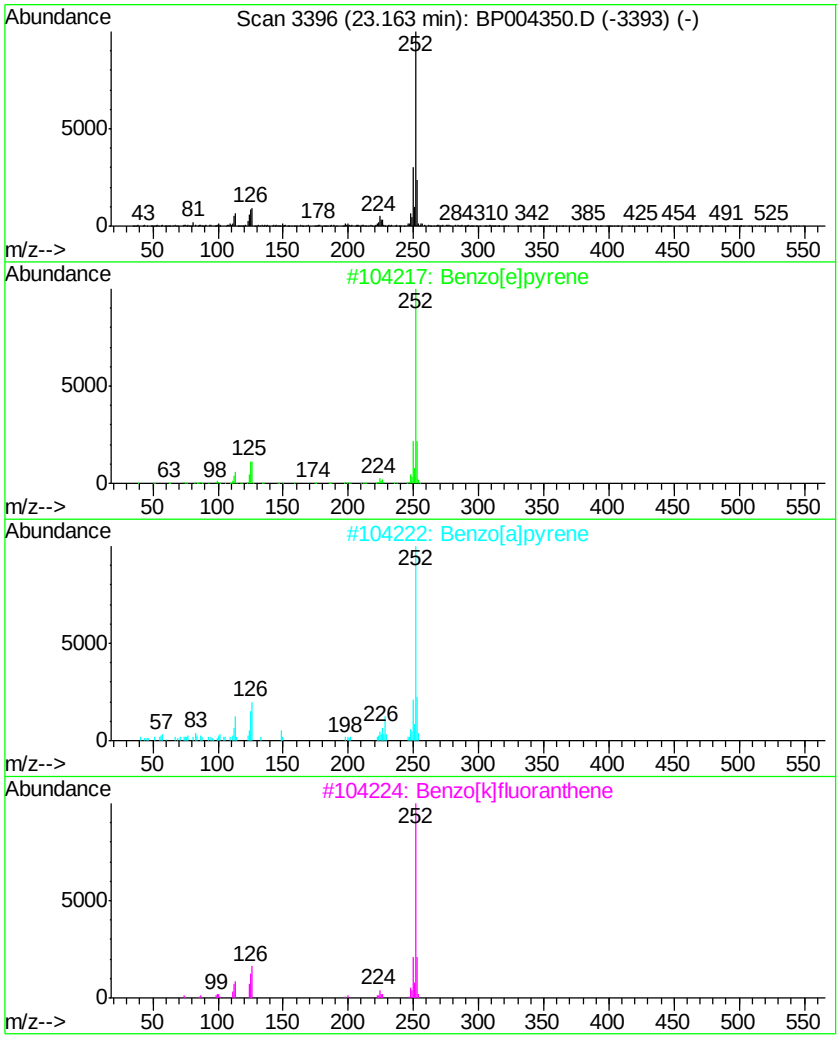
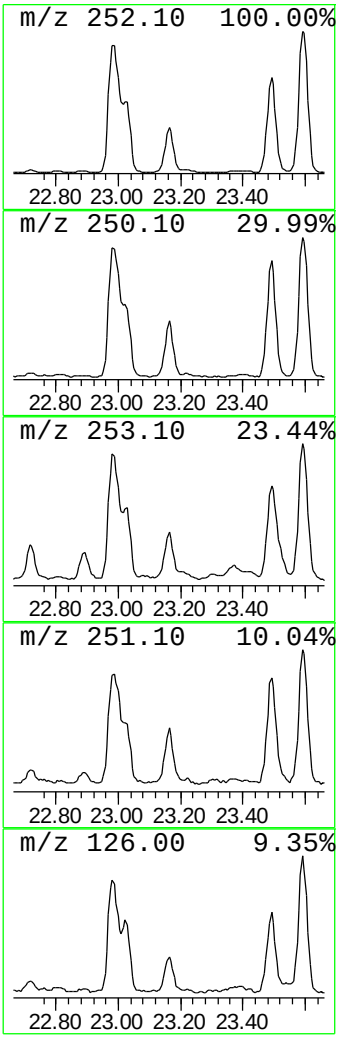
Peak Number 13 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	3.58 ng/ul	610282	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





Library Search Compound Report

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Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

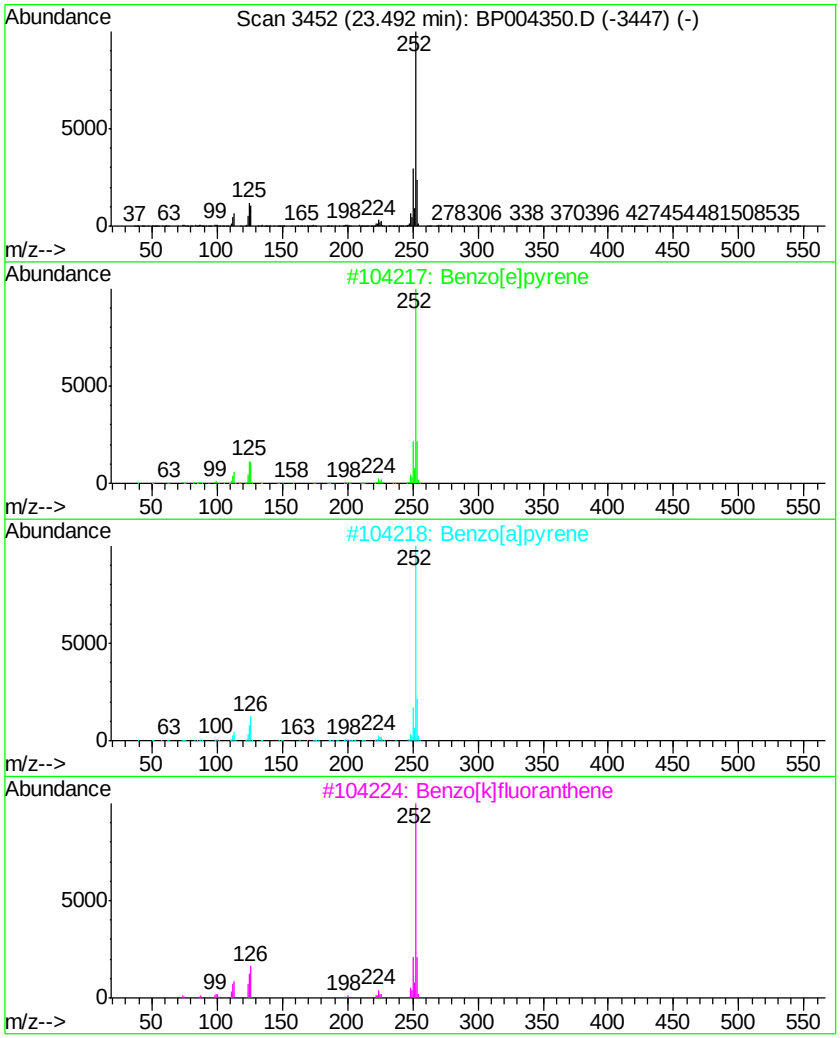
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

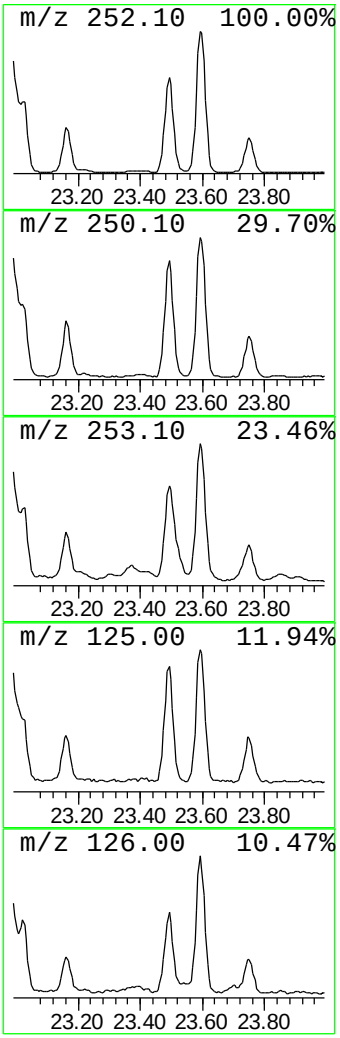
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.49	7.93 ng/ul	1352890	Perylene-d12	23.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A54E3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
Anthracene, 2-met...	18.11	3.9	ng/ul	617328	4	17.24	3140850	20.0
Phenanthrene, 2-m...	18.16	4.8	ng/ul	761617	4	17.24	3140850	20.0
1H-Cyclopropa[l]p...	18.23	2.6	ng/ul	408651	4	17.24	3140850	20.0
4H-Cyclopenta[def...	18.30	7.6	ng/ul	1200190	4	17.24	3140850	20.0
1H-Indene, 2-phenyl-	18.33	2.9	ng/ul	461531	4	17.24	3140850	20.0
9,10-Anthracenedione	18.63	2.1	ng/ul	331855	4	17.24	3140850	20.0
Phenanthrene, 2,5...	19.00	5.0	ng/ul	788508	4	17.24	3140850	20.0
Cyclopenta(def)ph...	19.13	3.9	ng/ul	613710	4	17.24	3140850	20.0
Pyrene, 1-methyl-	19.92	2.2	ng/ul	722857	5	21.33	6558750	20.0
11H-Benzo[b]fluorene	20.09	2.3	ng/ul	753329	5	21.33	6558750	20.0
Pyrene, 4-methyl-	20.25	2.0	ng/ul	673654	5	21.33	6558750	20.0
11H-Benzo[a]fluor...	20.82	2.0	ng/ul	660919	5	21.33	6558750	20.0
Benzo[j]fluoranthene	23.16	3.6	ng/ul	610282	6	23.70	3410520	20.0
Benzo[e]pyrene	23.49	7.9	ng/ul	1352890	6	23.70	3410520	20.0