LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

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-BN052819MA.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	6.918	630	640	651	rBV	200522	351560	3.25%	0.322%
2	7.077	658	667	674	rBV	162717	264897	2.45%	0.242%
3	7.277	695	701	710	rVB	217828	342577	3.17%	0.313%
4	7.742	772	780	789	rBV	1740149	2698611	24.97%	2.468%
5	8.448	894	900	907	rBV	241114	397307	3.68%	0.363%
6	8.895	969	976	985	rBV	190027	315610	2.92%	0.289%
7	9.618	1093	1099	1105	rBV	138830	234686	2.17%	0.215%
8	10.159	1185	1191	1200	rBV	252003	417714	3.87%	0.382%
9	10.536	1247	1255	1260	rBV	2361674	3877682	35.89%	3.547%
10	10.583	1260	1263	1273	rVV	253189	411965	3.81%	0.377%
11	10.671	1273	1278	1288	rVB2	79674	168096	1.56%	0.154%
12	12.206	1531	1539	1545	rBV	140749	224376	2.08%	0.205%
13	12.430	1571	1577	1584	rVB	107374	172750	1.60%	0.158%
14	13.224	1707	1712	1719	rVB	59377	96954	0.90%	0.089%
15	13.424	1740	1746	1756	rBV	31899	61518	0.57%	0.056%
16	13.559	1762	1769	1770	rBV2	47504	67221	0.62%	0.061%
17	13.642	1778	1783	1790	rBV	84305	135422	1.25%	0.124%
18	13.718	1790	1796	1801	rVV2	96664	173159	1.60%	0.158%
19	13.771	1801	1805	1807	rVV	63298	88717	0.82%	0.081%
20	13.806	1807	1811	1815	rVV	416234	562058	5.20%	0.514%
21	13.853	1815	1819	1828	rVV	160436	228505	2.11%	0.209%
22	13.953	1832	1836	1840	rVV	45446	74939	0.69%	0.069%
23	14.089	1853	1859	1874	rVV2	456103	820742	7.60%	0.751%
24	14.400	1903	1912	1918	rBV2	2864276	4512188	41.76%	4.127%
25	14.465	1918	1923	1930	rVB	613629	903415	8.36%	0.826%
26	14.536	1930	1935	1942	rVB2	50526	88245	0.82%	0.081%
27	14.612	1942	1948	1951	rBV3	124671	201107	1.86%	0.184%
28	14.659	1951	1956	1963	rBV	638362	985470	9.12%	0.901%
29	14.800	1975	1980	1988	rVB	382258	601464	5.57%	0.550%
30	14.883	1988	1994	1998	rVB2	39432	59855	0.55%	0.055%
31	15.024	2011	2018	2022	rBV3	37486	64188	0.59%	0.059%
32	15.077	2022	2027	2031	rVB	37328	52830	0.49%	0.048%
33	15.194	2039	2047	2050	rBV5	38253	83019	0.77%	0.076%
34	15.400	2073	2082	2086	rVV	564420	1005398	9.30%	0.920%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

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-BN052819MA.M
Title : SVOA CALIBRATION

35	15.453	2086	2091	2102	rVV	806101	1152583	10.67%	1.054%
36	15.547	2102	2107	2109	rVV	55628	79944	0.74%	0.073%
37	15.577	2109	2112	2115	rVV	88837	130105	1.20%	0.119%
38	15.618	2115	2119	2124	rVV	125557	190557	1.76%	0.174%
39	15.665	2124	2127	2130	rVV2	51429	70847	0.66%	0.065%
40	15.706	2130	2134	2137	rVV	71405	109081	1.01%	0.100%
41	15.747	2137	2141	2149	rVB	155835	247127	2.29%	0.226%
42	15.894	2160	2166	2174	rVV	171380	343851	3.18%	0.315%
43	15.988	2179	2182	2188	rVB	44197	67676	0.63%	0.062%
44	16.130	2197	2206	2213	rVB4	91348	181970	1.68%	0.166%
45	16.341	2239	2242	2249	rVB8	18798	38193	0.35%	0.035%
46	16.459	2251	2262	2267	rBV3	166852	416898	3.86%	0.381%
47	16.512	2267	2271	2277	rVB2	87203	118907	1.10%	0.109%
48	16.612	2285	2288	2293	rVB2	76296	101832	0.94%	0.093%
49	16.665	2293	2297	2298	rBV	46205	52912	0.49%	0.048%
50	16.694	2299	2302	2305	rVV2	51927	64331	0.60%	0.059%
51	16.730	2305	2308	2312	rVB3	78327	92304	0.85%	0.084%
52	16.812	2317	2322	2329	rVB	225108	348593	3.23%	0.319%
53	16.888	2330	2335	2337	rBV2	95604	153405	1.42%	0.140%
54	16.977	2345	2350	2360	rVB	394940	613013	5.67%	0.561%
55	17.159	2375	2381	2384	rVV	2962765	4304991	39.84%	3.938%
56	17.200	2384	2388	2394	rVV	7120600	9995698	92.50%	9.143%
57	17.259	2394	2398	2400	rVV2	601413	903579	8.36%	0.827%
58	17.288	2400	2403	2409	rVV	1901965	2576911	23.85%	2.357%
59	17.347	2409	2413	2419	rVB	233809	348749	3.23%	0.319%
60	17.435	2424	2428	2431	rBV2	49897	73218	0.68%	0.067%
61	17.559	2439	2449	2455	rBV2	815295	1483684	13.73%	1.357%
62	17.677	2463	2469	2472	rBV2	138729	205517	1.90%	0.188%
63	17.741	2476	2480	2487	rVB3	119624	225832	2.09%	0.207%
64	17.882	2500	2504	2512	rVB	75751	167694	1.55%	0.153%
65	17.953	2514	2516	2520	rVB	34851	34060	0.32%	0.031%
66	18.035	2521	2530	2534	rBV	780724	1201036	11.11%	1.099%
67	18.082	2534	2538	2544	rVB	1092711	1470333	13.61%	1.345%
68	18.165	2547	2552	2557	rVB	402023	576049	5.33%	0.527%
69	18.235	2557	2564	2567	rBV2	1386372	2274256	21.05%	2.080%
70	18.271	2567	2570	2576	rVB2	458479	611126	5.66%	0.559%
71	18.341	2579	2582	2586	rVV2	75993	115741	1.07%	0.106%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

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-BN052819MA.M
Title : SVOA CALIBRATION

72	18.382	2586	2589	2593	rVV3	98851	128290	1.19%	0.117%
73	18.541	2611	2616	2619	rBV	557255	752400	6.96%	0.688%
74	18.582	2619	2623	2628	rVB	502464	648297	6.00%	0.593%
75	18.665	2634	2637	2644	rBV	64791	100505	0.93%	0.092%
76	18.788	2654	2658	2662	rBV2	157382	187283	1.73%	0.171%
77	18.841	2664	2667	2669	rVV	124310	142752	1.32%	0.131%
78	18.877	2670	2673	2677	rVB2	120294	147456	1.36%	0.135%
79	18.959	2683	2687	2692	rBV2	292686	546327	5.06%	0.500%
80	19.100	2708	2711	2720	rVB2	269304	479186	4.43%	0.438%
81	19.229	2727	2733	2738	rBV	8086095	10805576	100.00%	9.884%
82	19.324	2746	2749	2753	rVB	188460	205258	1.90%	0.188%
83	19.565	2785	2790	2791	rBV2	1872291	2466825	22.83%	2.256%
84	19.594	2791	2795	2803	rVV	6295894	8791066	81.36%	8.041%
85	19.665	2803	2807	2814	rVB2	317651	504767	4.67%	0.462%
86	19.771	2821	2825	2831	rBV	372020	515218	4.77%	0.471%
87	19.835	2832	2836	2840	rVB	388862	541145	5.01%	0.495%
88	19.918	2845	2850	2856	rBV3	396283	1062774	9.84%	0.972%
89	20.094	2876	2880	2885	rVB	1131099	1542978	14.28%	1.411%
90	20.194	2893	2897	2901	rBV	929529	1215653	11.25%	1.112%
91	20.394	2928	2931	2934	rBV	230124	274678	2.54%	0.251%
92	20.841	3005	3007	3013	rVB	359399	496370	4.59%	0.454%
93	21.047	3040	3042	3045	rVB	477260	445265	4.12%	0.407%
94	21.359	3090	3095	3100	rBV3	3936802	8210702	75.99%	7.511%
95	21.406	3100	3103	3110	rVB	2912173	3527690	32.65%	3.227%
96	21.523	3120	3123	3129	rBV	689320	977373	9.05%	0.894%
97	22.976	3365	3370	3375	rBV	2064868	4691491	43.42%	4.291%
98	23.465	3450	3453	3458	rVB	1046920	1630277	15.09%	1.491%
99	23.565	3465	3470	3476	rVB	2064395	3884301	35.95%	3.553%
100	23.665	3483	3487	3492	rVB	1530383	2513764	23.26%	2.299%

Sum of corrected areas: 109322515

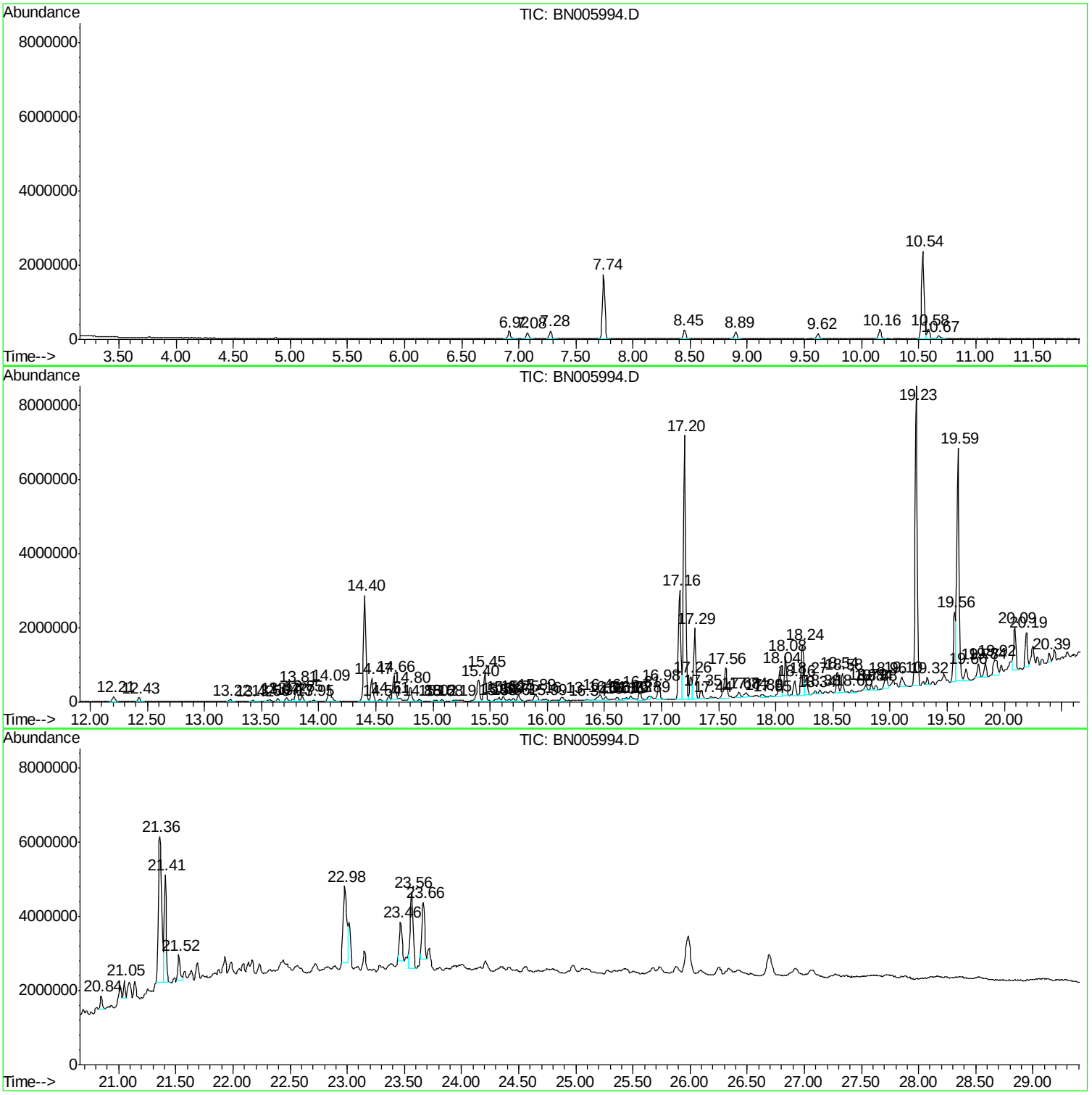
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
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Instrument : BNA_N
ClientSampleId : A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

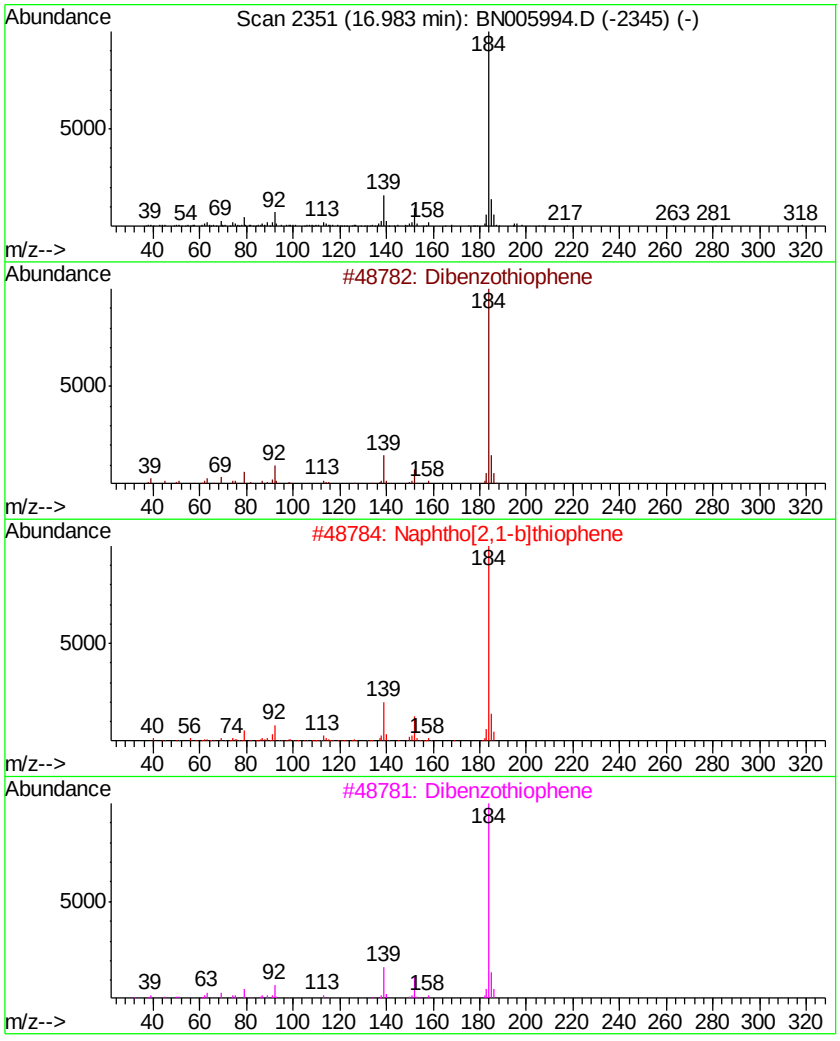
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

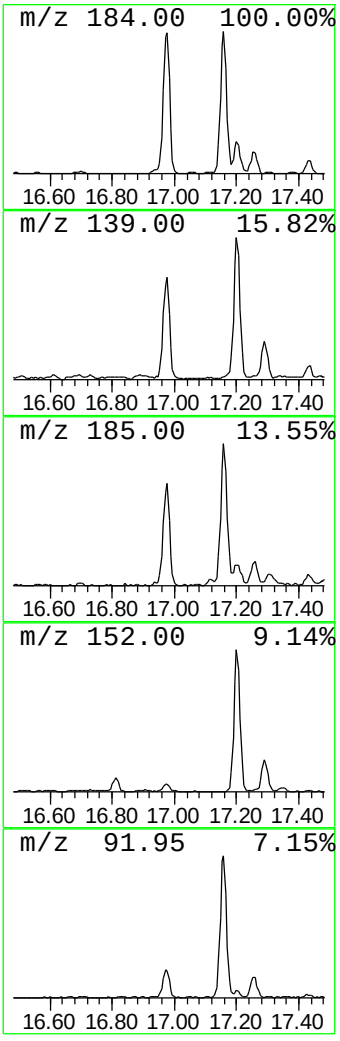
****

Peak Number 1 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	2.85 ng/ul	613013	Phenanthrene-d10	17.16

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	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

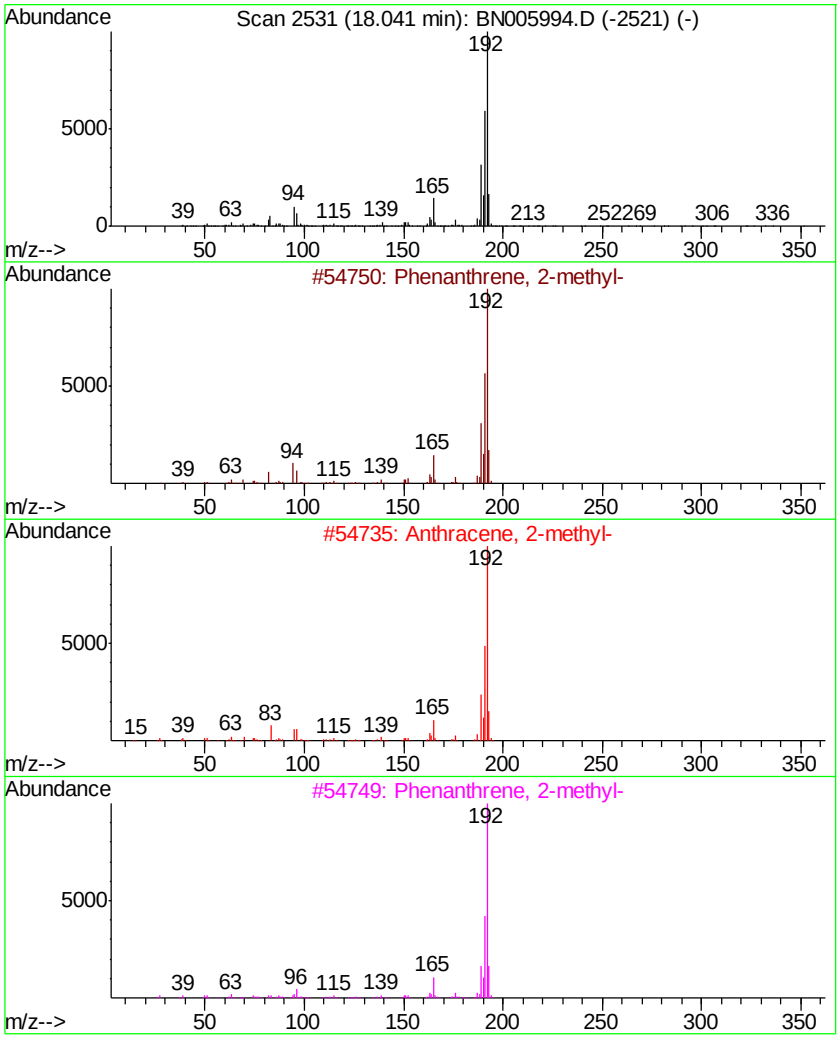
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

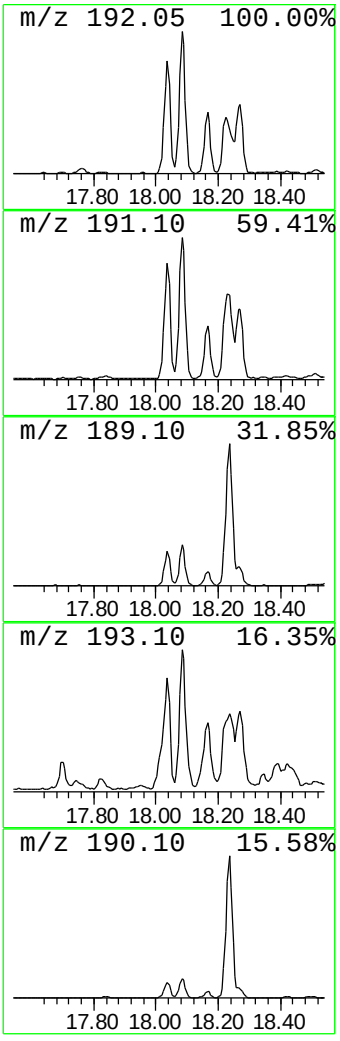
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.58 ng/ul	1201040	Phenanthrene-d10	17.16

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

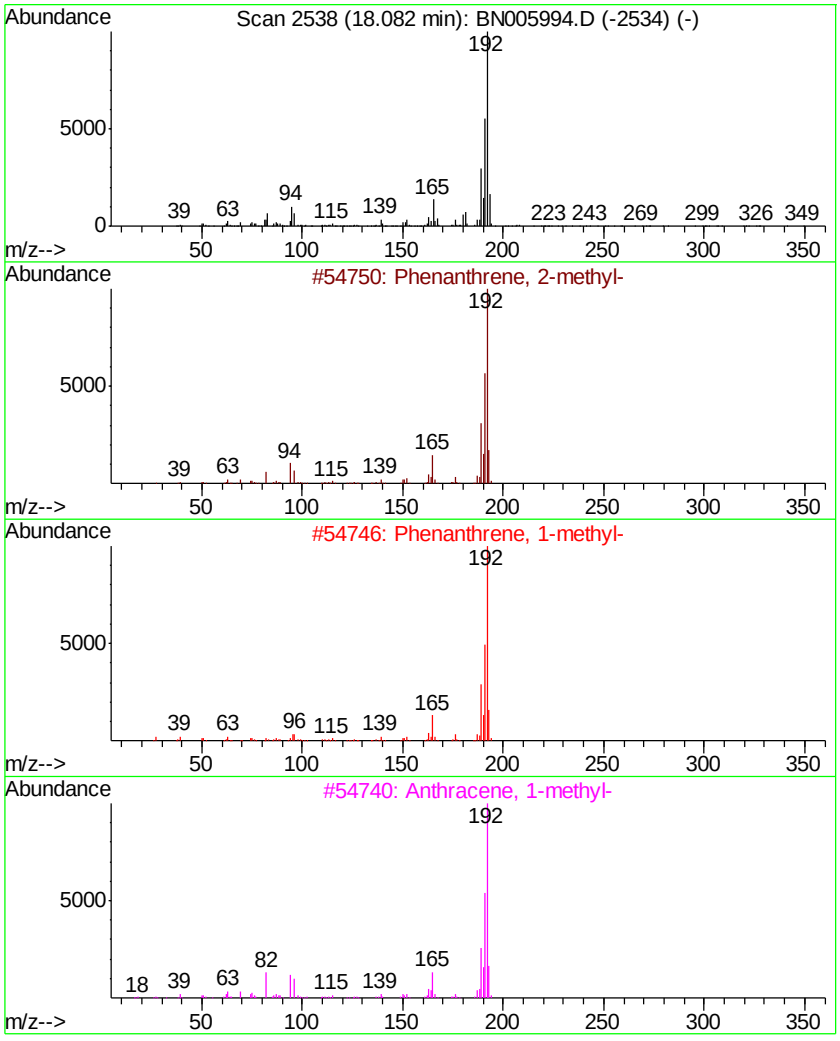
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

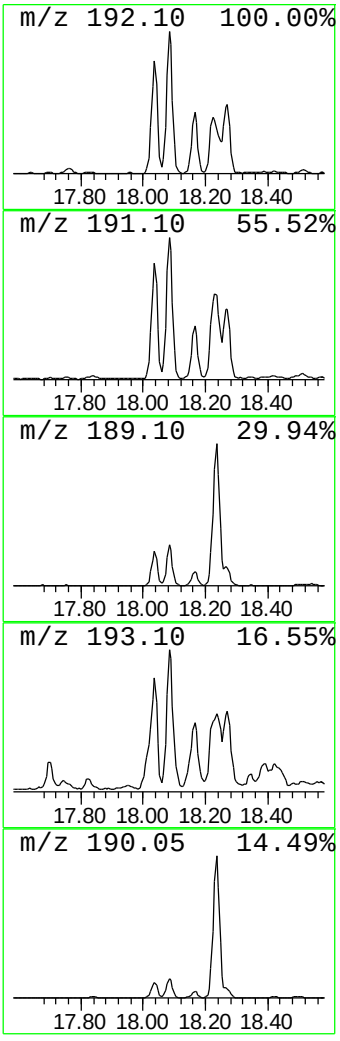
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.83 ng/ul	1470330	Phenanthrene-d10	17.16

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

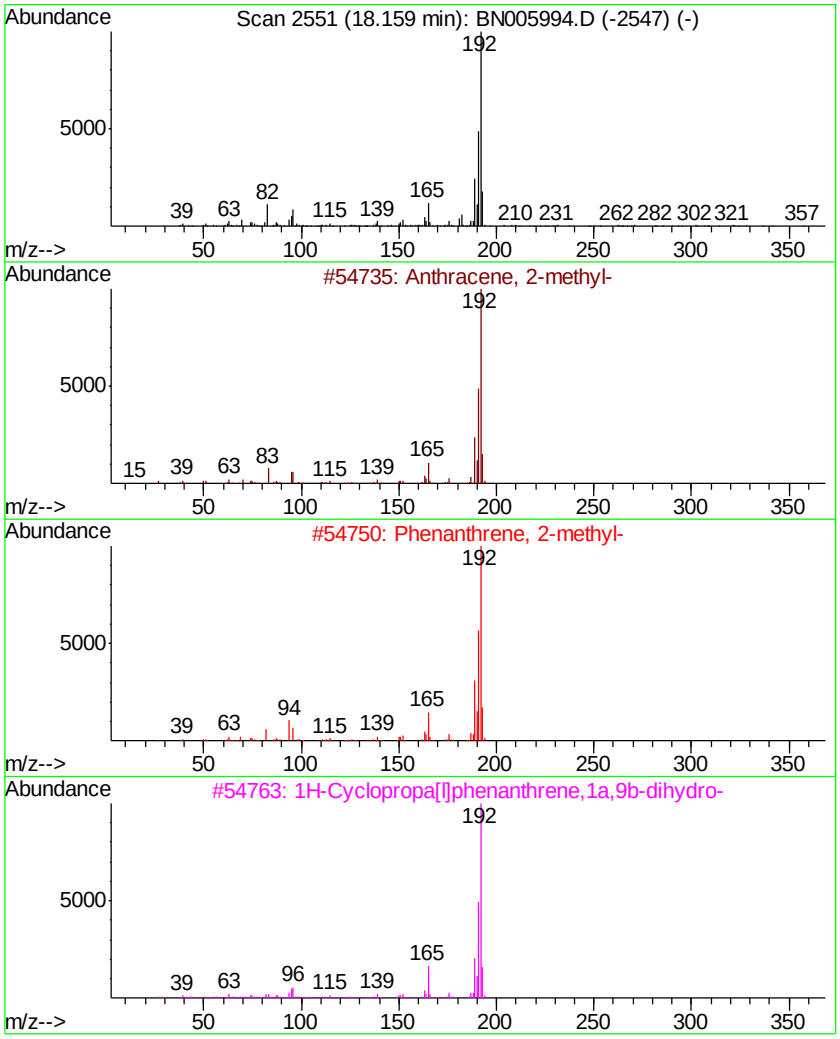
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

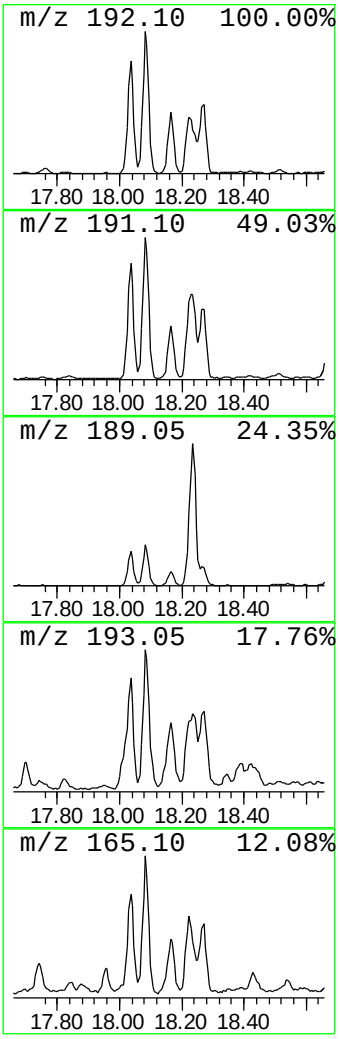
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.68 ng/ul	576049	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

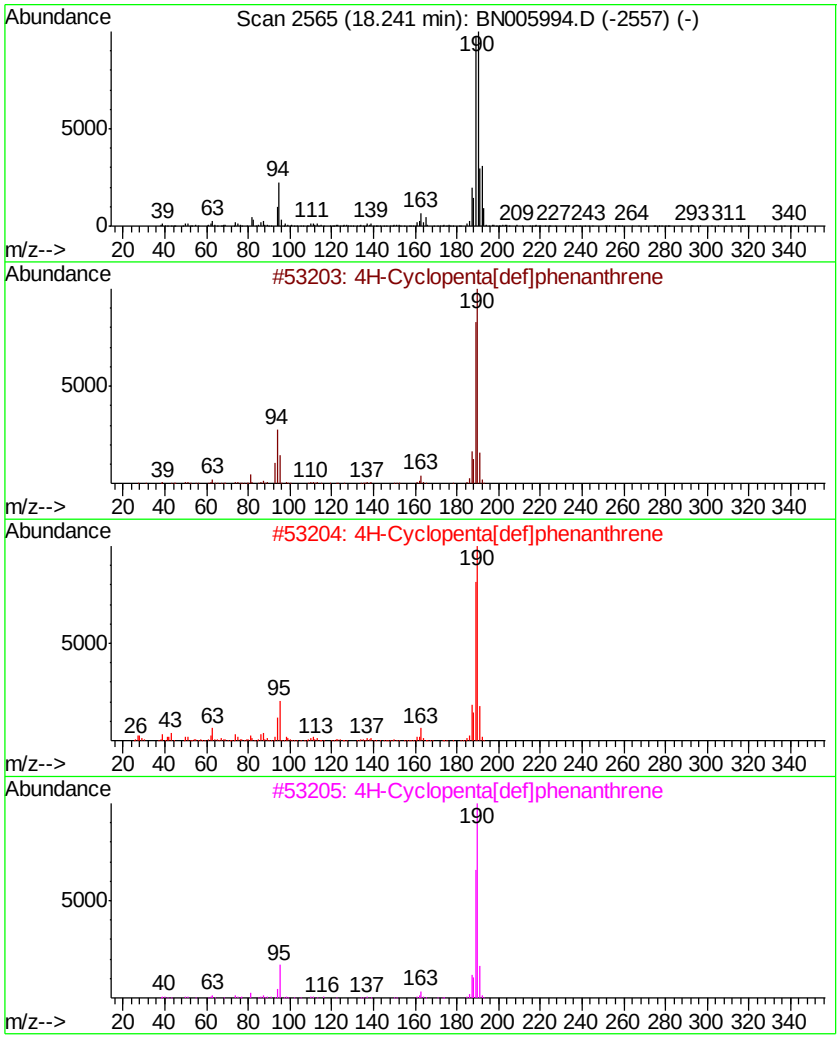
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

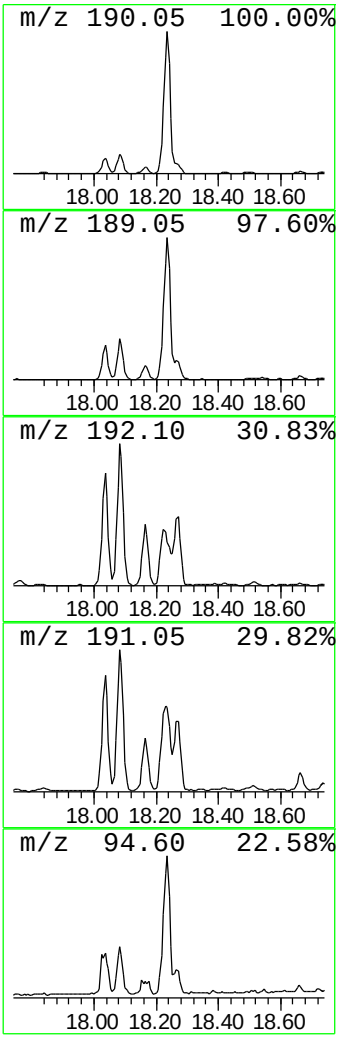
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	10.57 ng/ul	2274260	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50





Library Search Compound Report

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Data File : BN005994.D
Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

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Quant Title : SVOA CALIBRATION

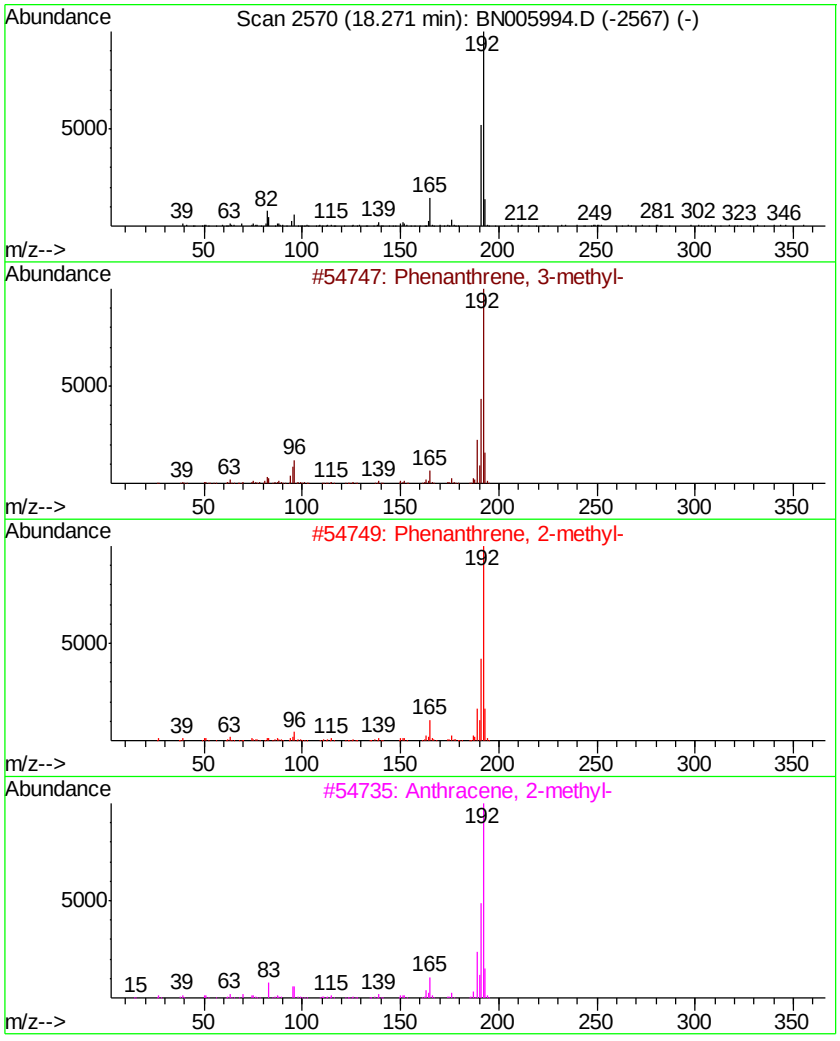
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

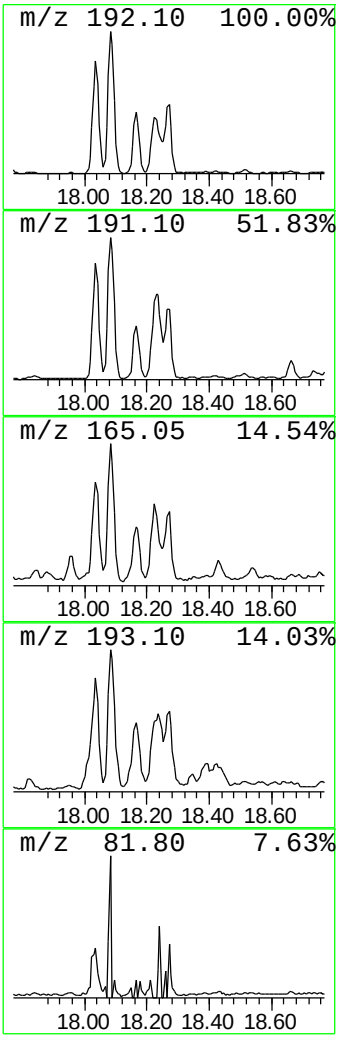
****

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.84 ng/ul	611126	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

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Quant Title : SVOA CALIBRATION

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

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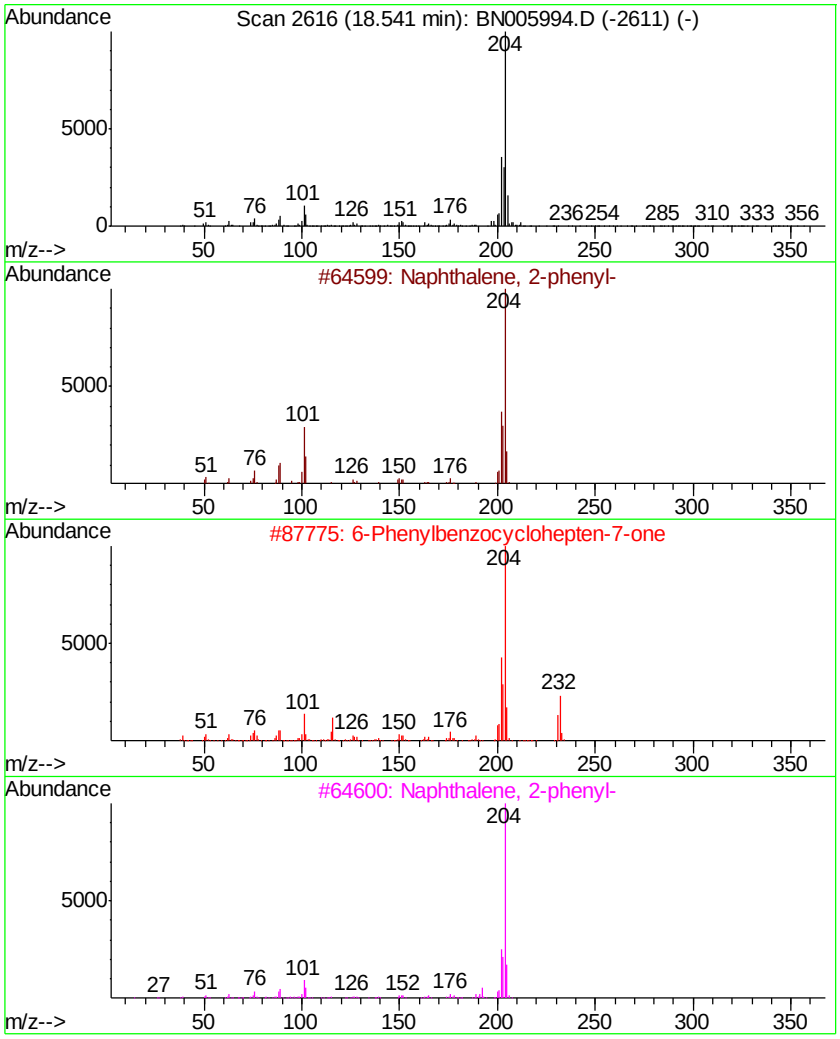
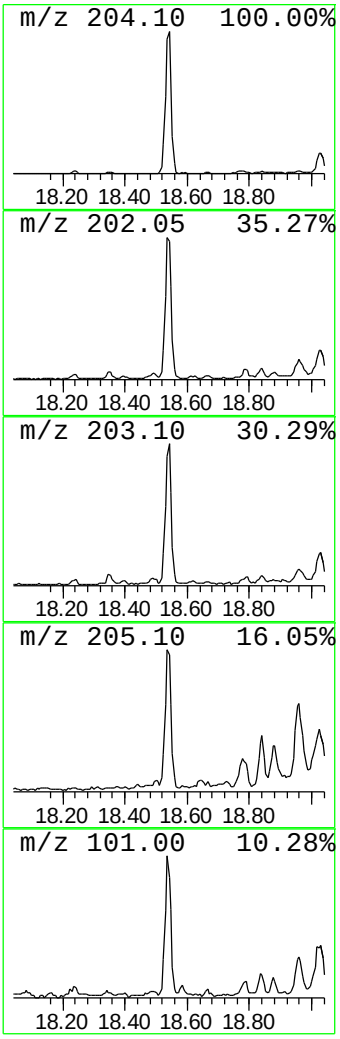
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.50 ng/ul	752400	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Quant Title : SVOA CALIBRATION

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

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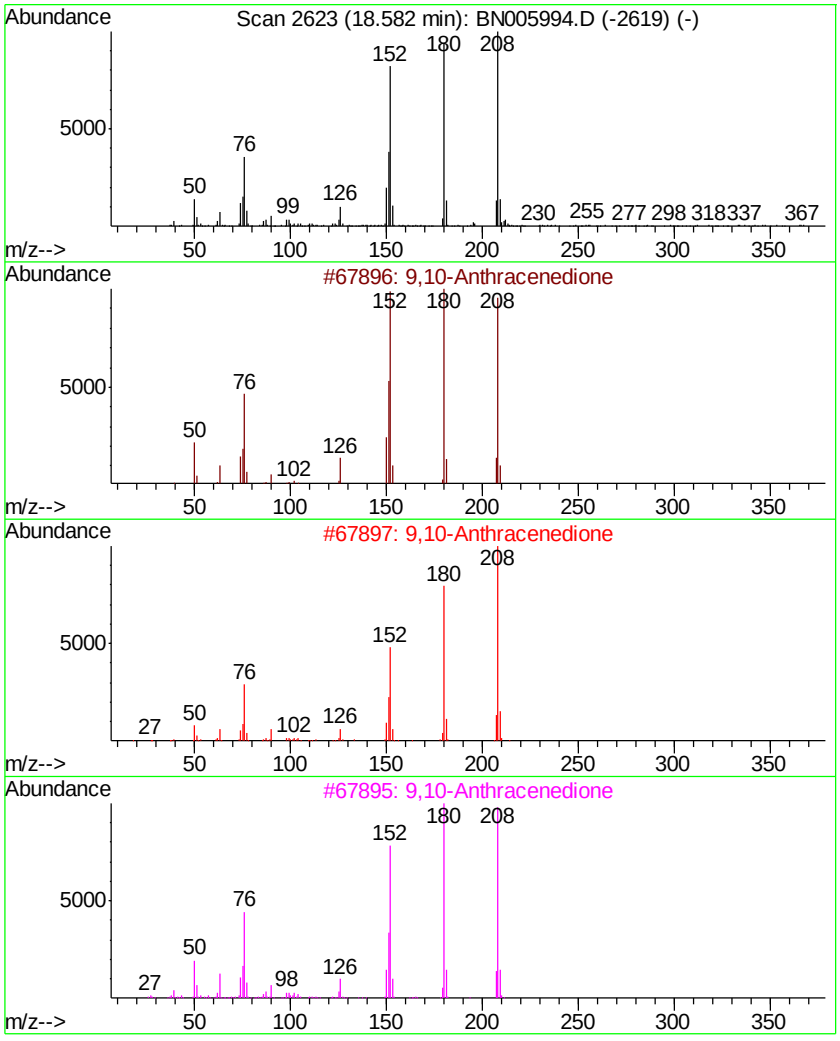
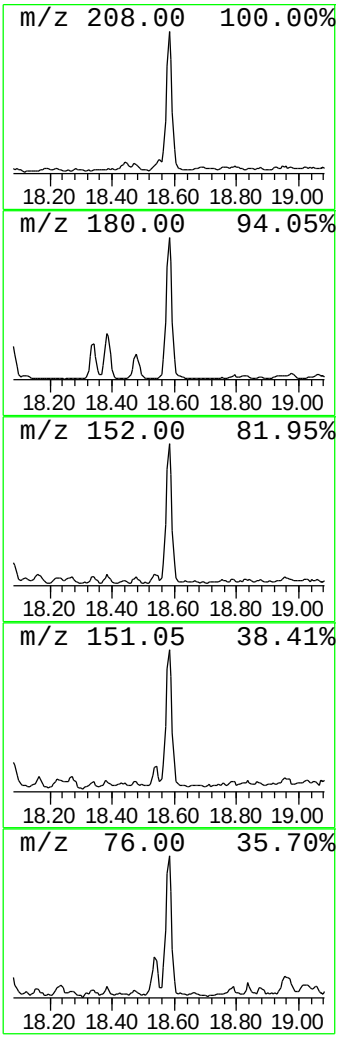
Peak Number 8 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	3.01 ng/ul	648297	Phenanthrene-d10	17.16

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





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Sample : K2928-03DL 10X
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Quant Title : SVOA CALIBRATION

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

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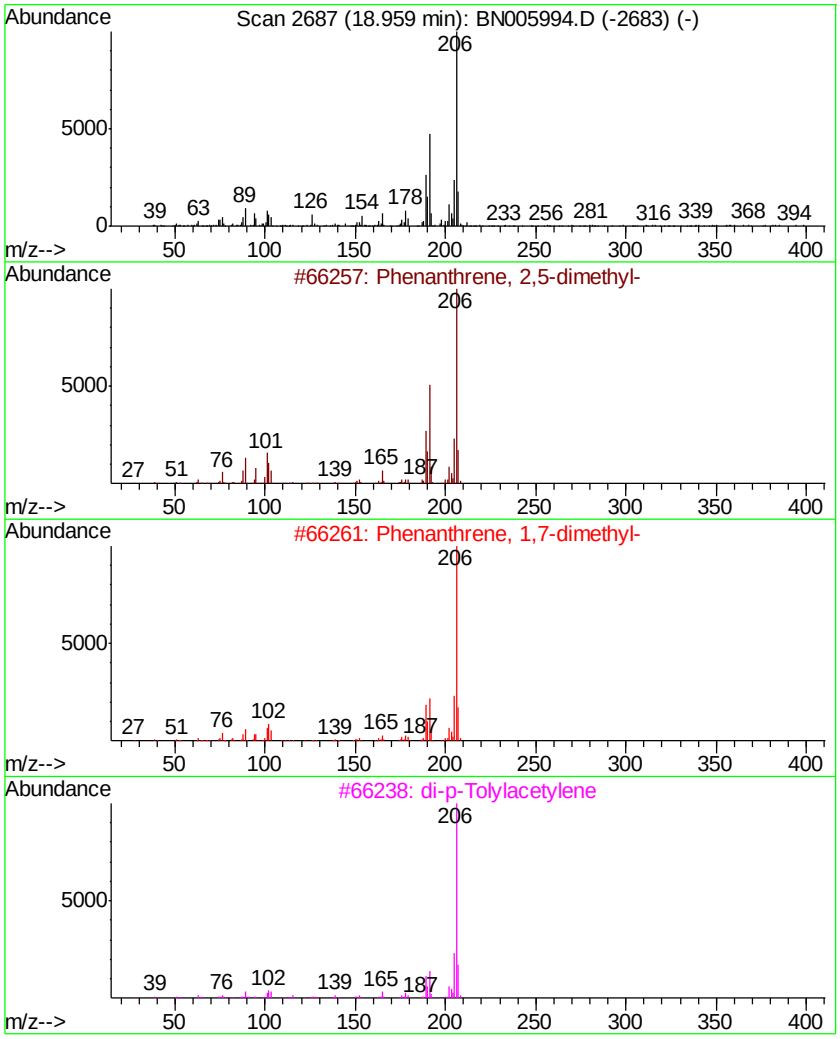
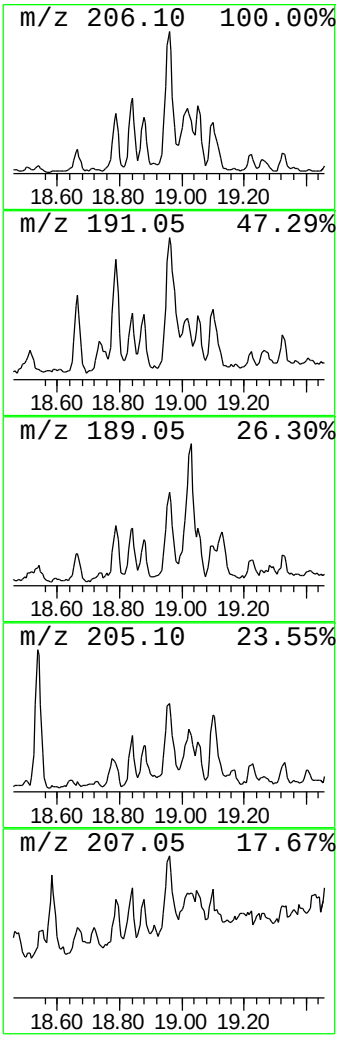
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.54 ng/ul	546327	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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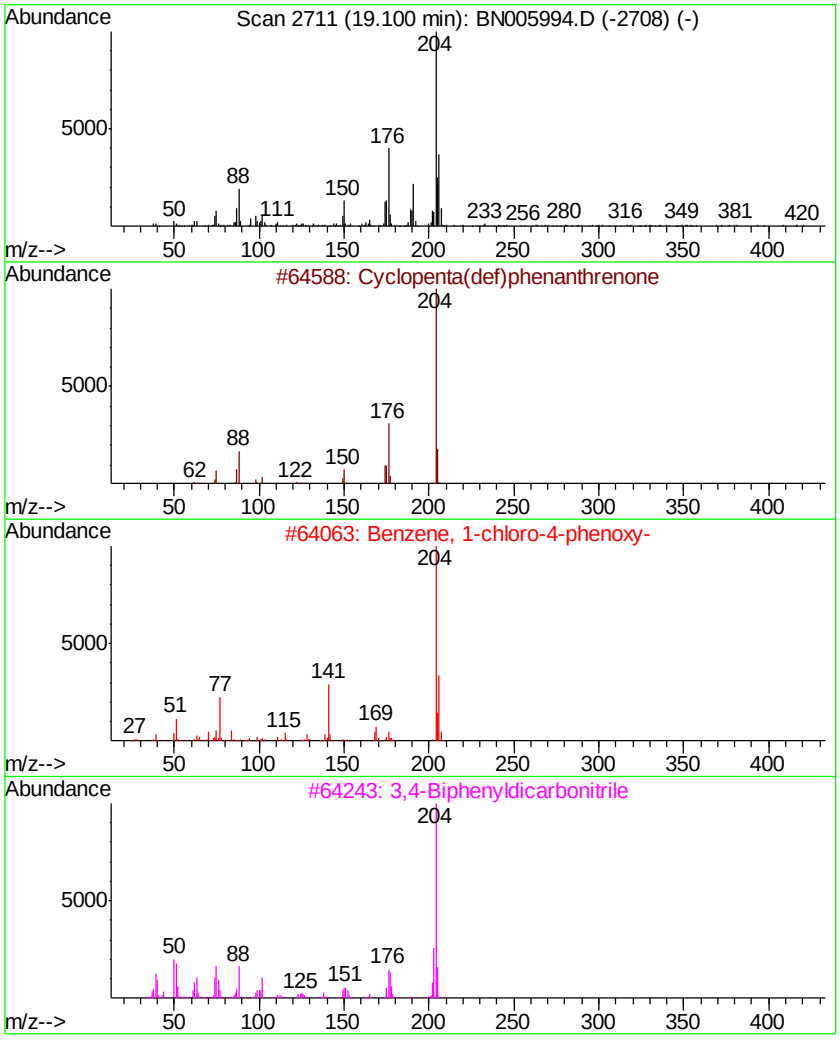
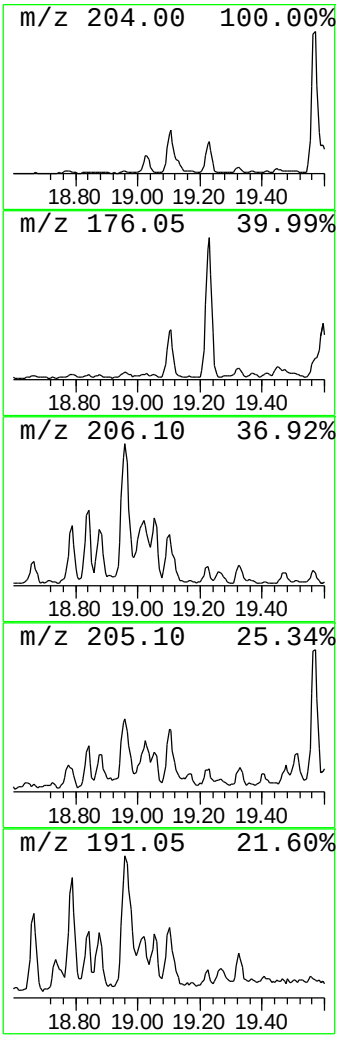
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.23 ng/ul	479186	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
4	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	38
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





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Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

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Quant Title : SVOA CALIBRATION

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

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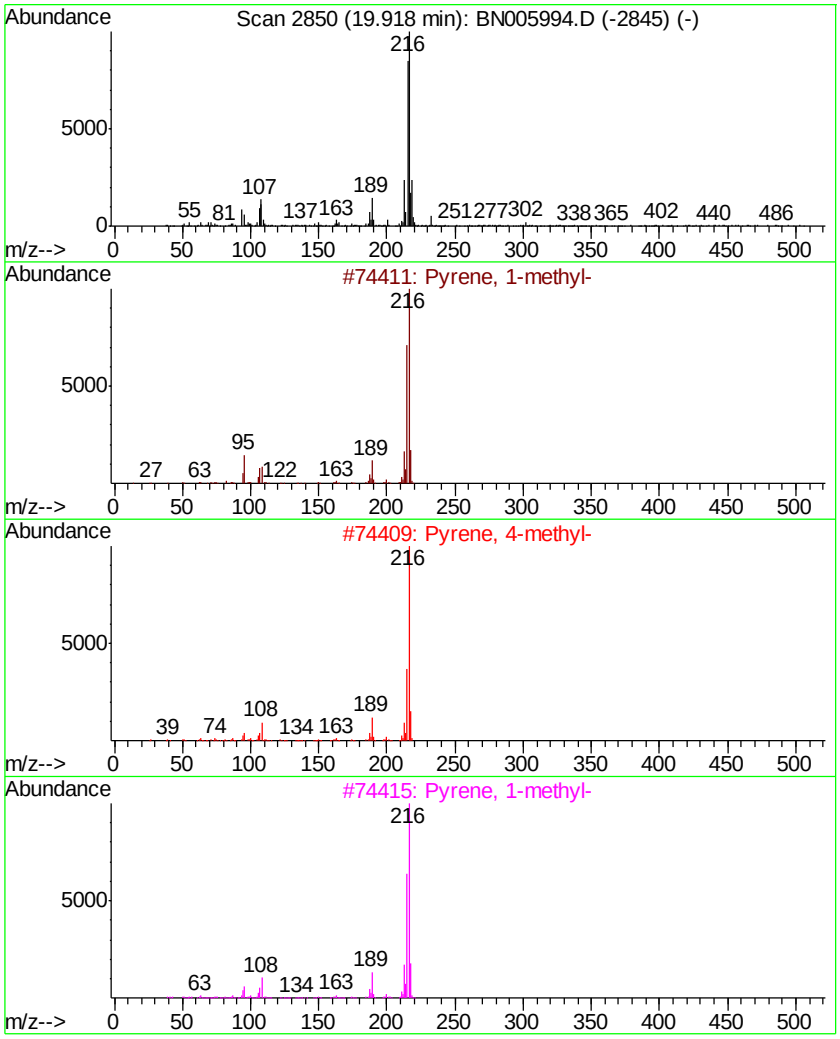
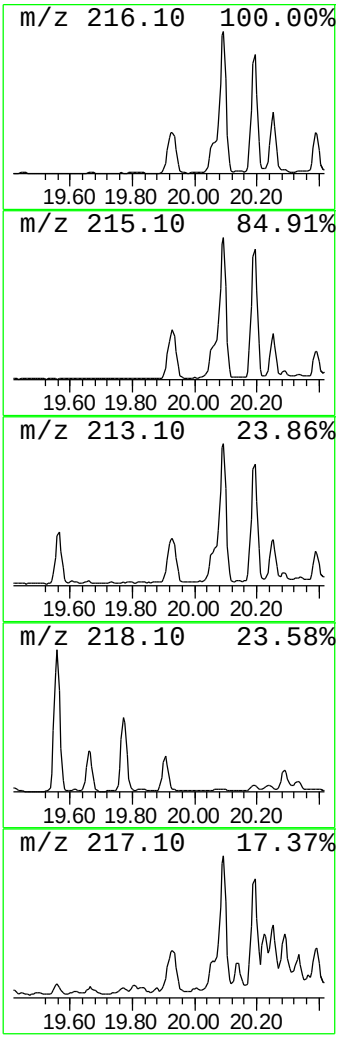
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.59 ng/ul	1062770	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Acq On : 31 May 2019 23:29
Operator : JU/SJ
Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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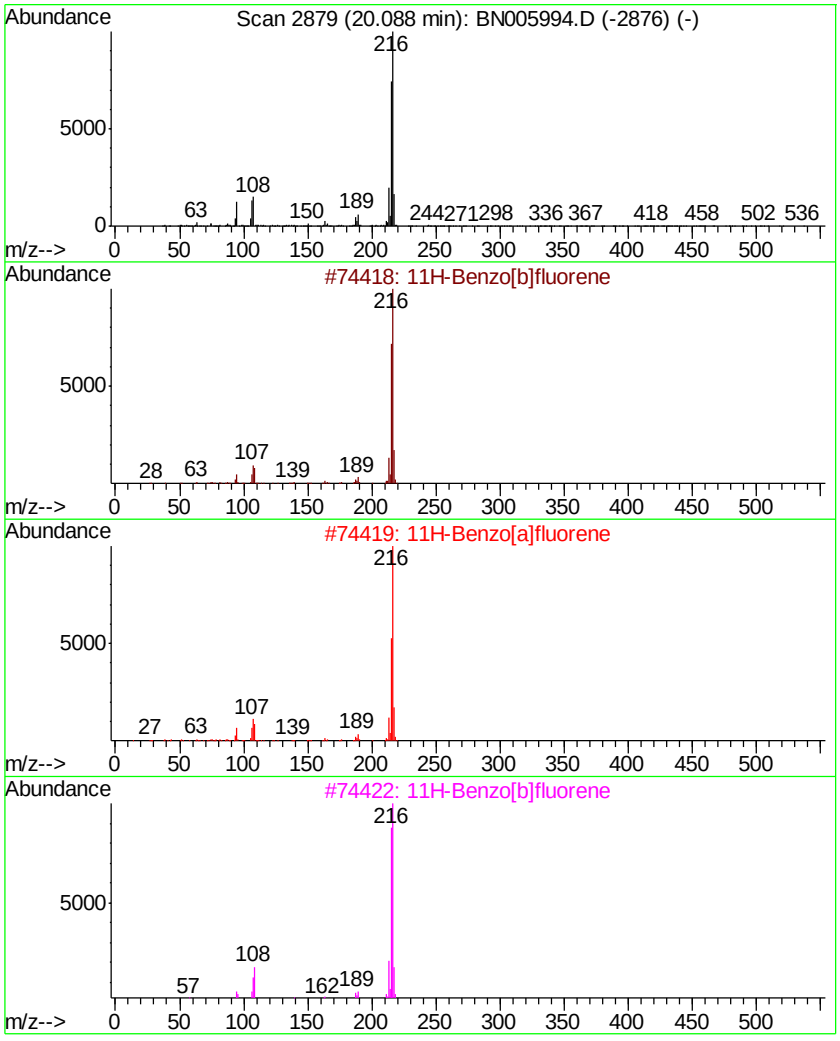
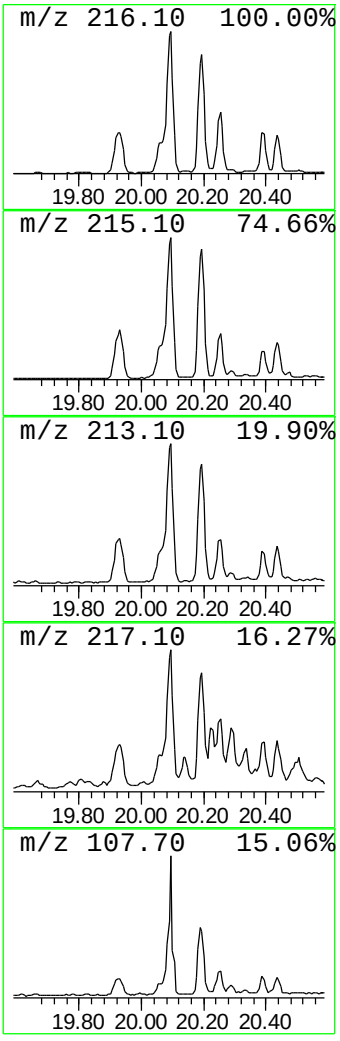
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	3.76 ng/ul	1542980	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Sample : K2928-03DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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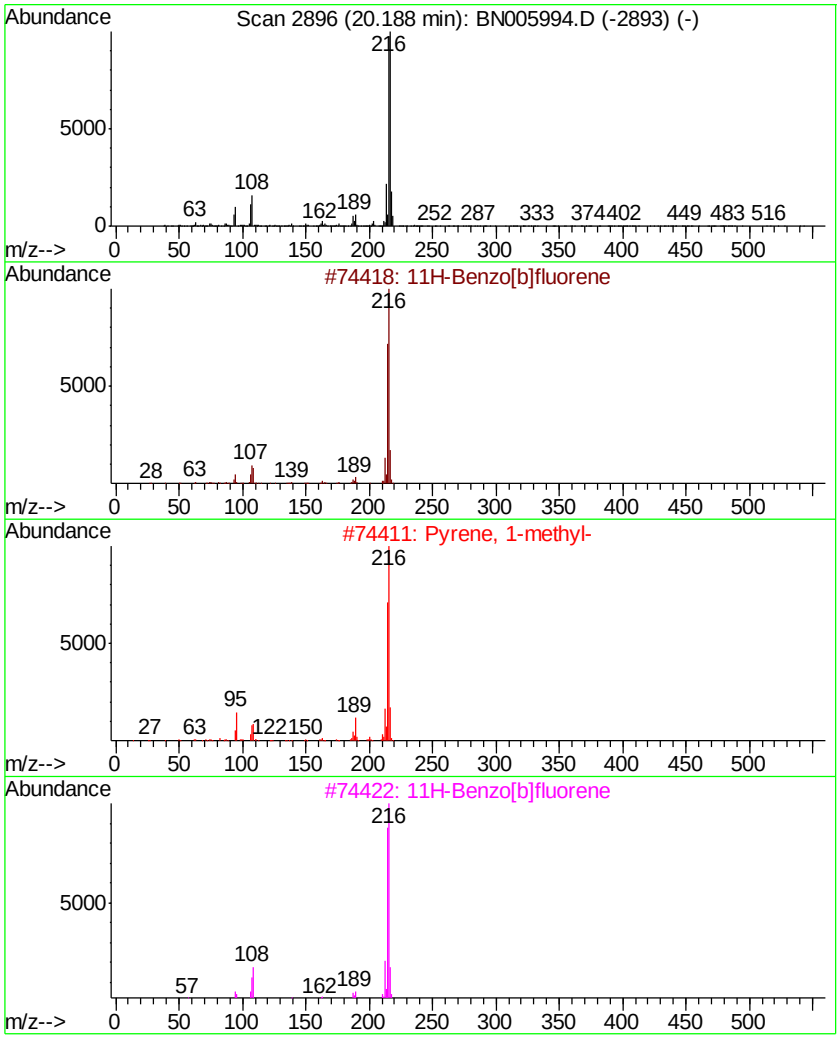
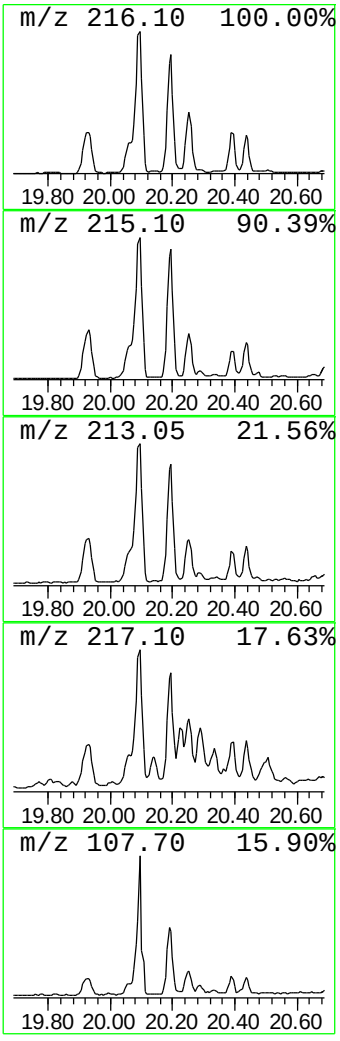
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	2.96 ng/ul	1215650	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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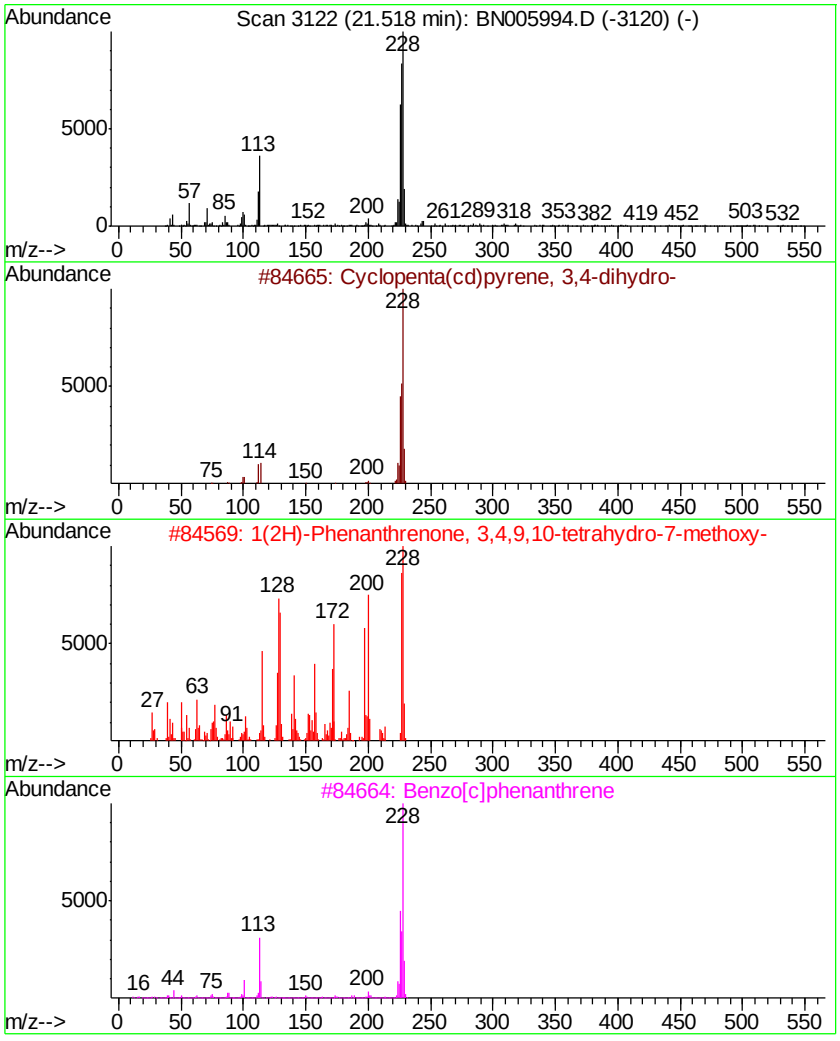
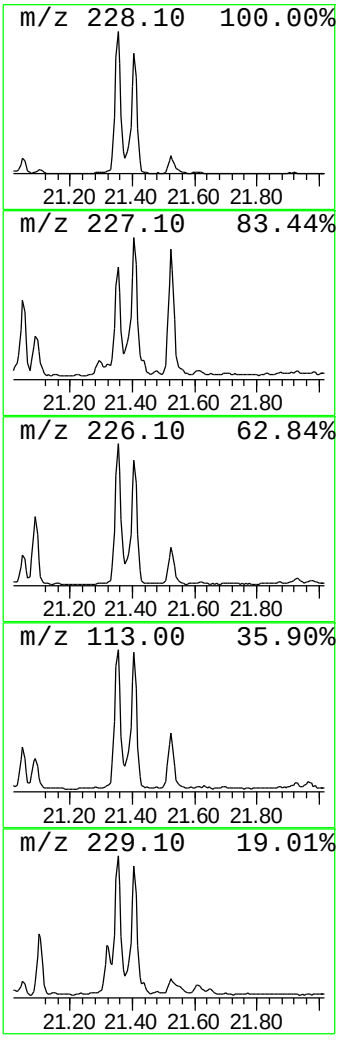
Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.38 ng/ul	977373	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	95
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	60
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
4	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	52
5	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

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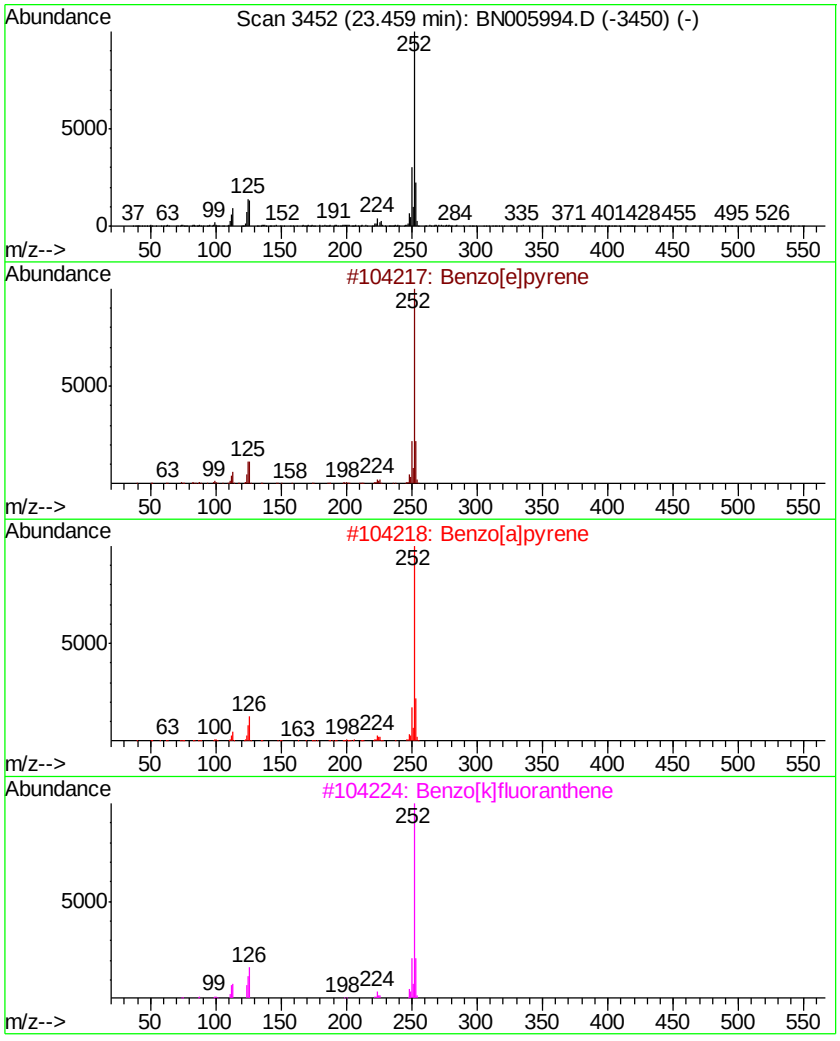
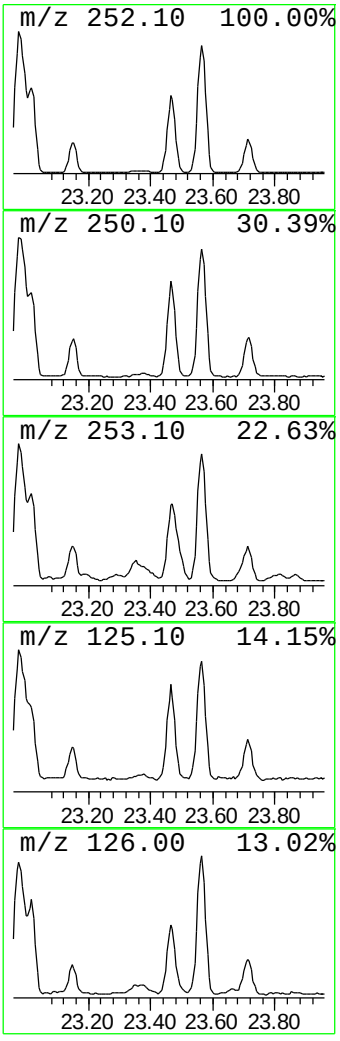
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.46	12.97 ng/ul	1630280	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

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Data File : BN005994.D
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Sample : K2928-03DL 10X
Misc :
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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
Dibenzothiophene	16.98	2.9	ng/ul	613013	4	17.16	4304990	20.0
Phenanthrene, 2-m...	18.04	5.6	ng/ul	1201040	4	17.16	4304990	20.0
Phenanthrene, 1-m...	18.08	6.8	ng/ul	1470330	4	17.16	4304990	20.0
Anthracene, 2-met...	18.16	2.7	ng/ul	576049	4	17.16	4304990	20.0
4H-Cyclopenta[def...	18.24	10.6	ng/ul	2274260	4	17.16	4304990	20.0
Phenanthrene, 3-m...	18.27	2.8	ng/ul	611126	4	17.16	4304990	20.0
Naphthalene, 2-ph...	18.54	3.5	ng/ul	752400	4	17.16	4304990	20.0
9,10-Anthracenedione	18.58	3.0	ng/ul	648297	4	17.16	4304990	20.0
Phenanthrene, 2,5...	18.96	2.5	ng/ul	546327	4	17.16	4304990	20.0
Cyclopenta(def)ph...	19.10	2.2	ng/ul	479186	4	17.16	4304990	20.0
Pyrene, 1-methyl-	19.92	2.6	ng/ul	1062770	5	21.37	8210700	20.0
11H-Benzo[b]fluorene	20.09	3.8	ng/ul	1542980	5	21.37	8210700	20.0
11H-Benzo[a]fluorene	20.19	3.0	ng/ul	1215650	5	21.37	8210700	20.0
Cyclopenta(cd)pyr...	21.52	2.4	ng/ul	977373	5	21.37	8210700	20.0
Benzo[e]pyrene	23.46	13.0	ng/ul	1630280	6	23.66	2513760	20.0