LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD2

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\SFAM-EPA-BN042924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.540	91	94	107	rBV	229448	352651	5.04%	0.380%
2	6.787	634	646	665	rBV	553097	961195	13.74%	1.037%
3	6.958	668	675	687	rVV	445795	687805	9.83%	0.742%
4	7.146	700	707	716	rBV	572854	900266	12.87%	0.971%
5	7.610	779	786	795	rBV	609208	945590	13.52%	1.020%
6	8.316	899	906	920	rBV	643277	1048190	14.99%	1.131%
7	8.434	920	926	936	rVB	196293	313256	4.48%	0.338%
8	8.769	975	983	996	rBV	504629	844375	12.07%	0.911%
9	9.481	1097	1104	1113	rBV	431862	698159	9.98%	0.753%
10	9.640	1125	1131	1139	rBV	32008	60934	0.87%	0.066%
11	10.016	1188	1195	1213	rBV	661973	1109719	15.87%	1.197%
12	10.387	1251	1258	1265	rBV	795362	1299663	18.58%	1.402%
13	10.534	1276	1283	1303	rBV	581606	1025498	14.66%	1.106%
14	11.140	1380	1386	1390	rBV3	34404	66782	0.95%	0.072%
15	13.675	1811	1817	1825	rVB	1165186	1561968	22.33%	1.685%
16	13.951	1854	1864	1879	rBV	1340265	1948991	27.87%	2.103%
17	14.257	1908	1916	1922	rBV	1097633	1616770	23.12%	1.744%
18	14.322	1922	1927	1936	rVB	191121	274478	3.92%	0.296%
19	14.475	1946	1953	1966	rBV	444531	816555	11.68%	0.881%
20	14.663	1977	1985	1989	rBV	73395	127592	1.82%	0.138%
21	15.257	2078	2086	2091	rVV	1721862	2393551	34.22%	2.582%
22	15.310	2091	2095	2101	rVV	184018	273885	3.92%	0.295%
23	15.387	2102	2108	2114	rVV	458625	666557	9.53%	0.719%
24	15.475	2120	2123	2128	rVV2	32045	59032	0.84%	0.064%
25	15.610	2141	2146	2152	rVB	49884	77734	1.11%	0.084%
26	15.757	2165	2171	2179	rVB	50529	101983	1.46%	0.110%
27	15.992	2202	2211	2217	rBV5	33653	78547	1.12%	0.085%
28	16.316	2255	2266	2271	rBV3	49392	130079	1.86%	0.140%
29	16.545	2301	2305	2308	rVV2	37478	61125	0.87%	0.066%
30	16.586	2308	2312	2315	rVV3	40117	59854	0.86%	0.065%
31	16.669	2321	2326	2333	rVB	93730	145332	2.08%	0.157%
32	16.745	2333	2339	2346	rBV3	42494	113272	1.62%	0.122%
33	16.828	2349	2353	2361	rVB	115251	182175	2.60%	0.197%
34	17.010	2375	2384	2388	rBV	1334252	1960223	28.03%	2.115%
35	17.051	2388	2391	2396	rVV	2376375	3317960	47.44%	3.580%
36	17.110	2396	2401	2404	rVV	1842166	2618161	37.43%	2.825%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

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\SFAM-EPA-BN042924.MA.M
Title : SVOA CALIBRATION

37	17.145	2404	2407	2413	rVV	790021	1054379	15.08%	1.138%
38	17.210	2413	2418	2423	rVV2	68992	126688	1.81%	0.137%
39	17.422	2444	2454	2467	rBV2	316067	565278	8.08%	0.610%
40	17.533	2467	2473	2479	rVV3	64864	106612	1.52%	0.115%
41	17.592	2479	2483	2492	rVB6	38607	80028	1.14%	0.086%
42	17.886	2524	2533	2536	rBV	276516	453111	6.48%	0.489%
43	17.933	2536	2541	2548	rVV	444961	824543	11.79%	0.890%
44	18.016	2548	2555	2560	rVV	179225	270033	3.86%	0.291%
45	18.086	2560	2567	2570	rVV2	581995	966171	13.81%	1.042%
46	18.116	2570	2572	2581	rVB	177640	235520	3.37%	0.254%
47	18.392	2615	2619	2623	rBV	252641	328806	4.70%	0.355%
48	18.439	2623	2627	2632	rVB	161300	209298	2.99%	0.226%
49	18.492	2632	2636	2639	rBV	54930	68022	0.97%	0.073%
50	18.639	2657	2661	2666	rVV3	65403	88237	1.26%	0.095%
51	18.692	2666	2670	2673	rVV	57486	69920	1.00%	0.075%
52	18.728	2673	2676	2680	rVB3	73664	96516	1.38%	0.104%
53	18.810	2685	2690	2696	rBV3	120360	240959	3.45%	0.260%
54	18.880	2698	2702	2704	rVV3	77669	120098	1.72%	0.130%
55	18.904	2704	2706	2709	rVV	51520	56897	0.81%	0.061%
56	18.957	2710	2715	2728	rVB4	209536	496678	7.10%	0.536%
57	19.080	2730	2736	2743	rVB	5201900	6994034	100.00%	7.546%
58	19.180	2750	2753	2755	rBV	81114	103413	1.48%	0.112%
59	19.204	2755	2757	2764	rVB3	107631	158969	2.27%	0.172%
60	19.275	2764	2769	2772	rBV4	54623	103502	1.48%	0.112%
61	19.322	2772	2777	2781	rVV2	124673	190336	2.72%	0.205%
62	19.416	2787	2793	2795	rBV3	3150605	4294920	61.41%	4.634%
63	19.445	2795	2798	2806	rVV	4325438	5712542	81.68%	6.163%
64	19.516	2806	2810	2817	rVB3	201547	296221	4.24%	0.320%
65	19.627	2824	2829	2834	rVB	295325	389805	5.57%	0.421%
66	19.686	2835	2839	2844	rVB	195236	289428	4.14%	0.312%
67	19.769	2847	2853	2854	rBV2	232634	341822	4.89%	0.369%
68	19.827	2860	2863	2871	rBV	95886	135818	1.94%	0.147%
69	19.910	2871	2877	2879	rBV4	199544	388307	5.55%	0.419%
70	19.945	2879	2883	2888	rVB	664869	971152	13.89%	1.048%
71	20.045	2895	2900	2903	rBV	643017	780474	11.16%	0.842%
72	20.098	2903	2909	2913	rVV2	361596	653231	9.34%	0.705%
73	20.139	2913	2916	2920	rVB2	181193	220188	3.15%	0.238%
74	20.180	2920	2923	2928	rVB2	86820	106359	1.52%	0.115%
75	20.239	2929	2933	2937	rBV2	158967	207626	2.97%	0.224%
76	20.286	2937	2941	2945	rBV2	179539	266248	3.81%	0.287%

LSC Area Percent Report

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Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

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\SFAM-EPA-BN042924.MA.M
Title : SVOA CALIBRATION

77	20.357	2950	2953	2956	rBV2	57422	69818	1.00%	0.075%
78	20.651	3000	3003	3006	rBV3	76489	119800	1.71%	0.129%
79	20.692	3006	3010	3016	rVB	261437	379243	5.42%	0.409%
80	20.863	3034	3039	3042	rBV2	297938	449272	6.42%	0.485%
81	20.904	3042	3046	3049	rVV	398837	507104	7.25%	0.547%
82	20.945	3049	3053	3059	rVV3	445260	947086	13.54%	1.022%
83	21.004	3059	3063	3068	rVB2	324568	482595	6.90%	0.521%
84	21.233	3092	3102	3108	rBV3	2907016	6589597	94.22%	7.109%
85	21.292	3108	3112	3121	rVB	2025650	3126461	44.70%	3.373%
86	21.427	3130	3135	3142	rBV	417016	664296	9.50%	0.717%
87	21.563	3155	3158	3162	rVB	179049	252200	3.61%	0.272%
88	21.627	3162	3169	3174	rVB2	242145	516281	7.38%	0.557%
89	21.910	3213	3217	3222	rVB	281317	450609	6.44%	0.486%
90	22.157	3255	3259	3262	rBV2	163951	243482	3.48%	0.263%
91	22.198	3262	3266	3274	rVB2	242462	423925	6.06%	0.457%
92	23.227	3433	3441	3447	rBV	1493572	4213656	60.25%	4.546%
93	23.451	3474	3479	3487	rVB	300151	601045	8.59%	0.648%
94	23.868	3544	3550	3556	rBV	718437	1657748	23.70%	1.788%
95	23.939	3556	3562	3567	rVV	1298990	2968546	42.44%	3.203%
96	24.004	3567	3573	3585	rVB	1363515	3206021	45.84%	3.459%
97	24.139	3588	3596	3602	rBV	919097	2250377	32.18%	2.428%
98	24.198	3603	3606	3621	rVB	383972	962286	13.76%	1.038%
99	27.368	4136	4145	4168	rVB3	530734	2394668	34.24%	2.584%
100	28.374	4308	4316	4328	rVB2	344552	1251820	17.90%	1.351%

Sum of corrected areas: 92690032

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
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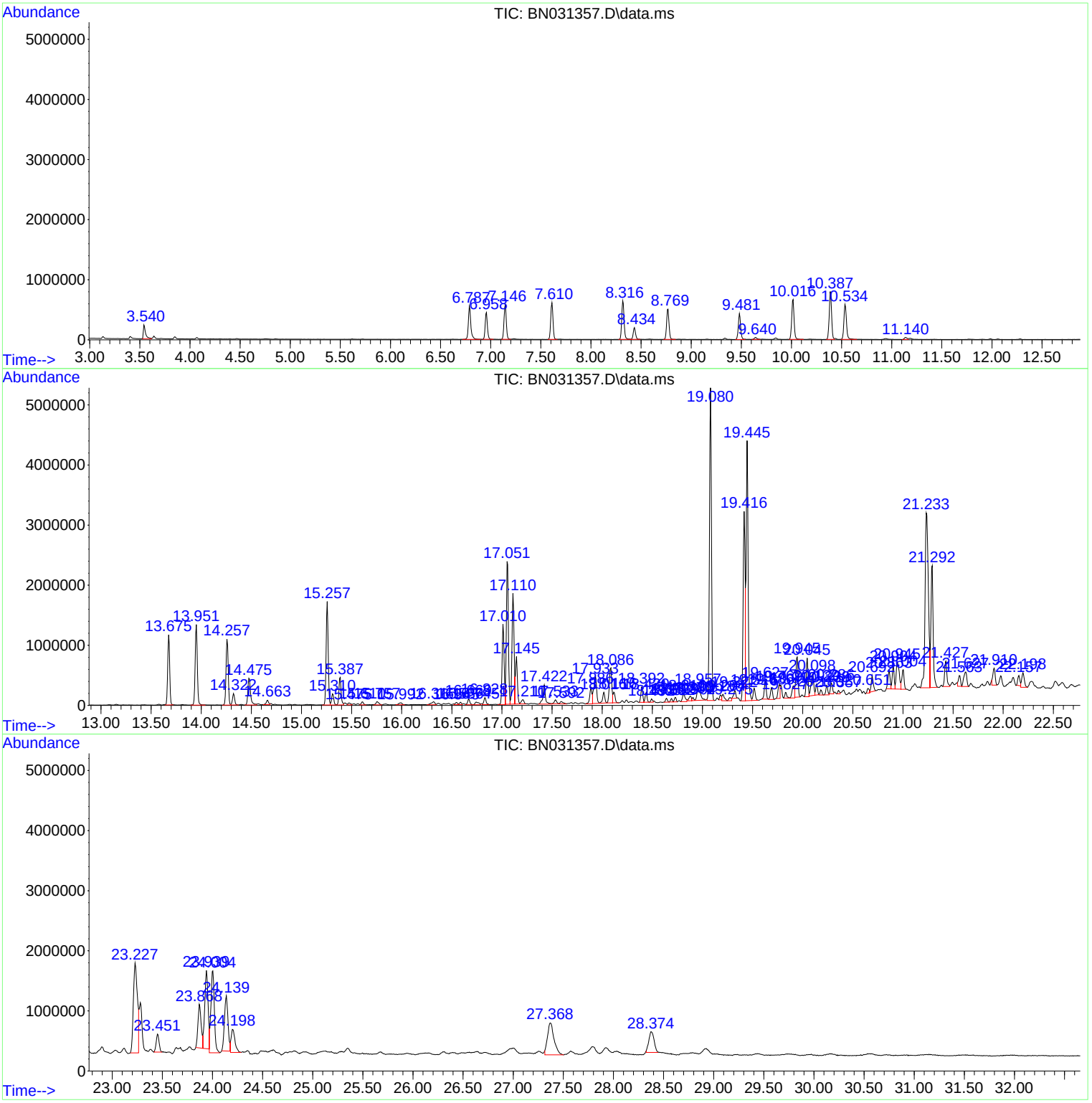
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

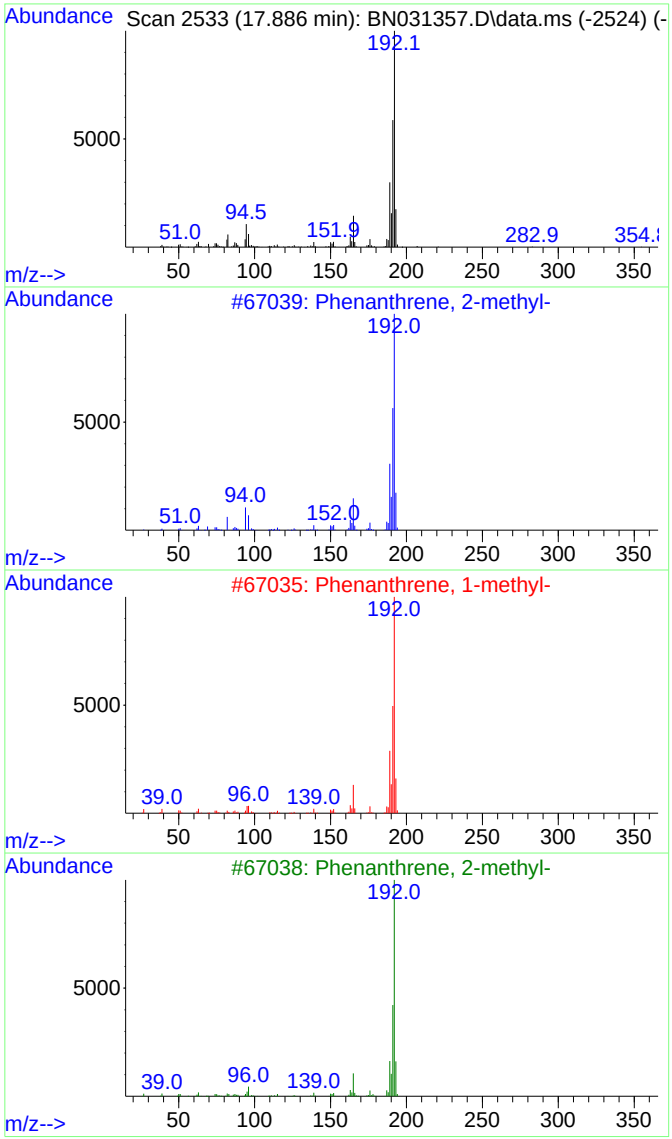
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

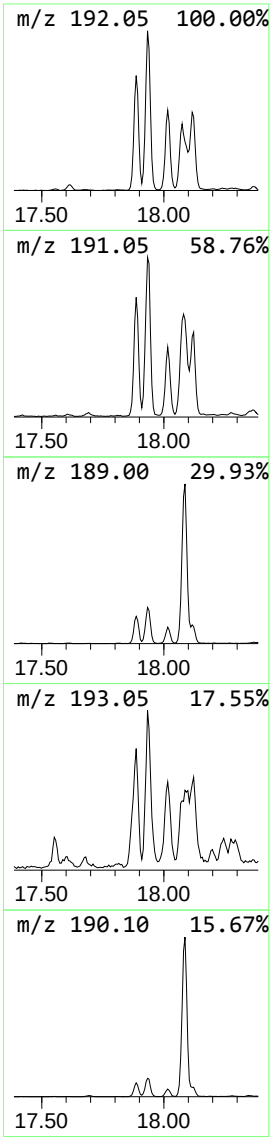
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	4.62 ng/ul	453111	Phenanthrene-d10	17.010

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	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

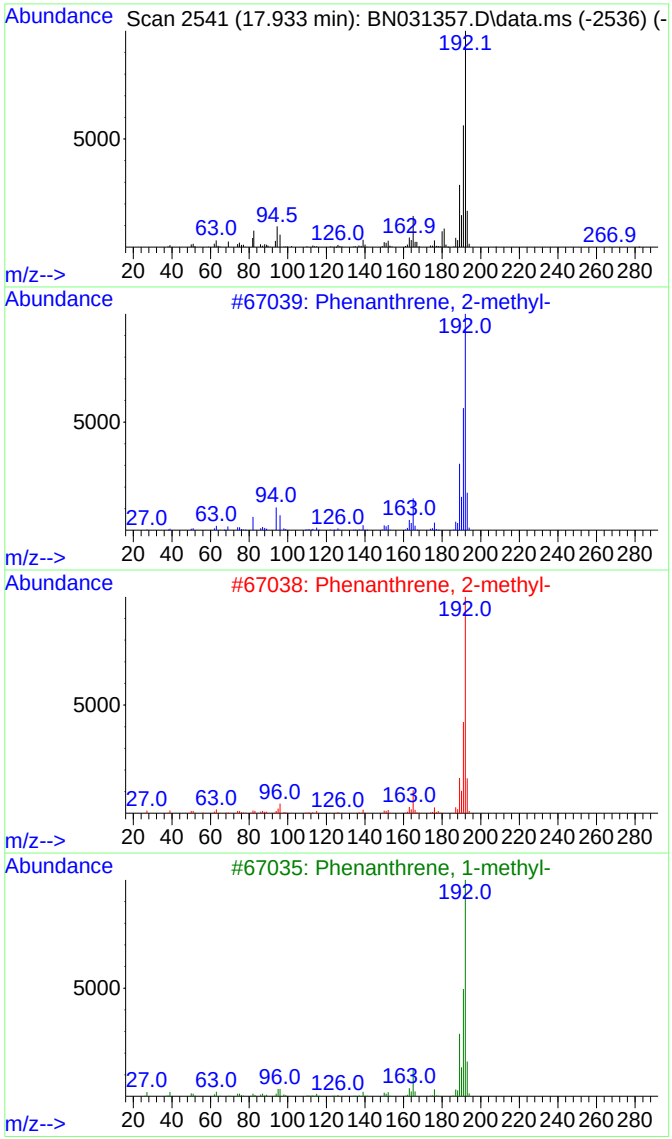
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

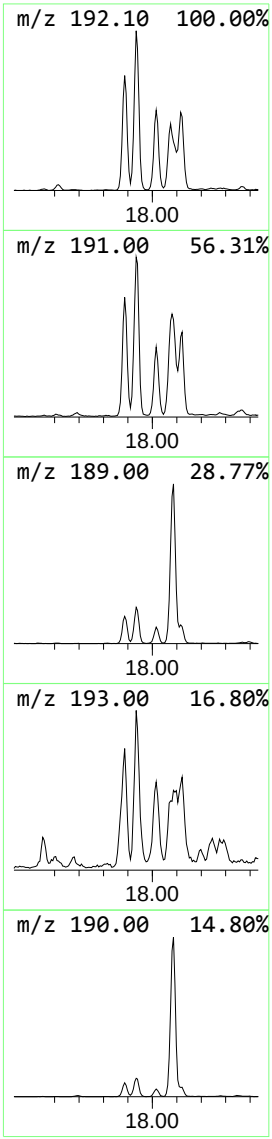
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	8.41 ng/ul	824543	Phenanthrene-d10	17.010

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

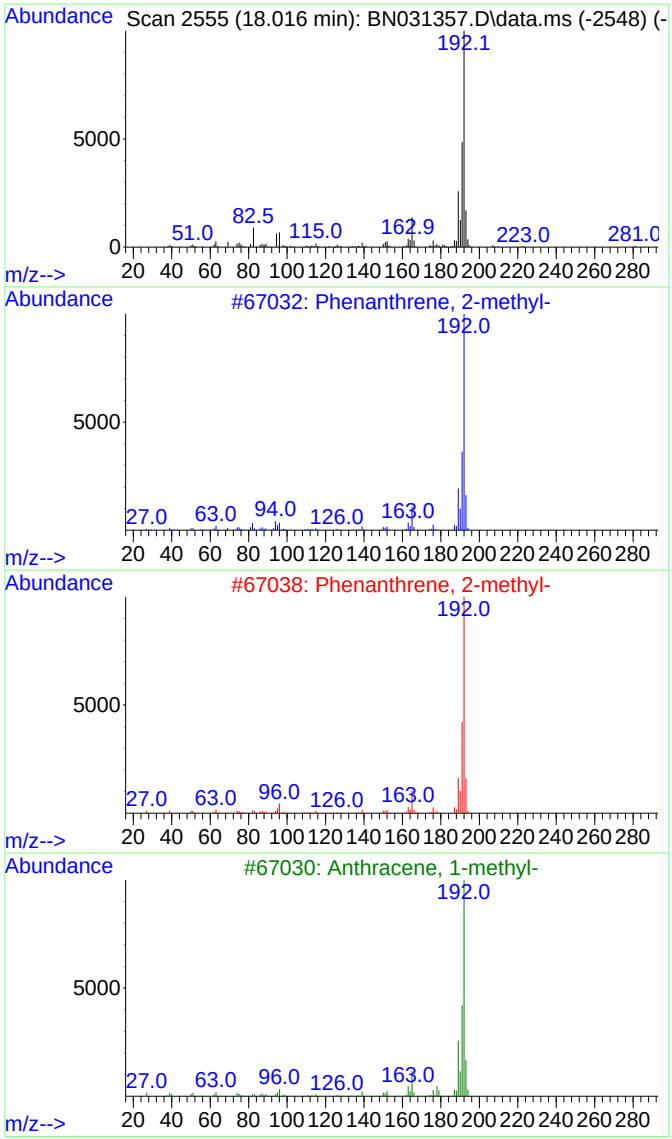
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

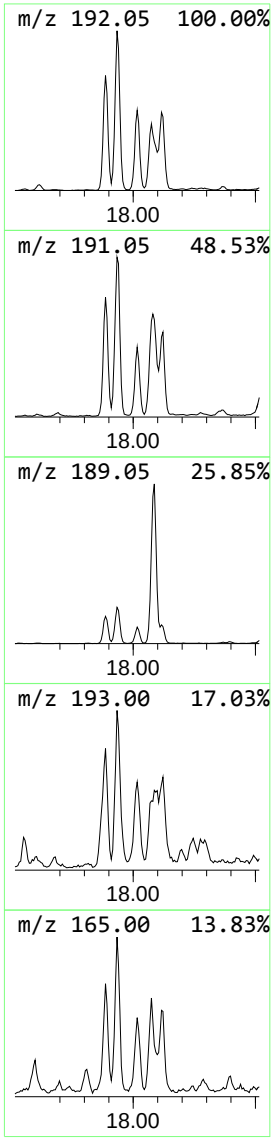
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.016	2.76 ng/ul	270033	Phenanthrene-d10	17.010

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	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

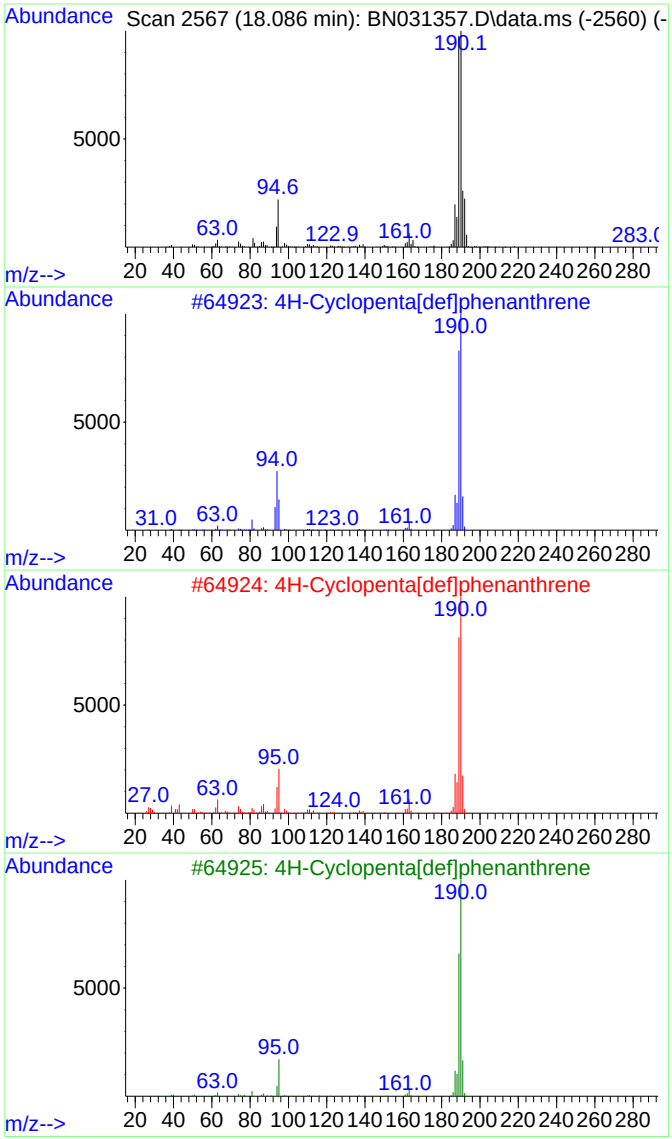
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

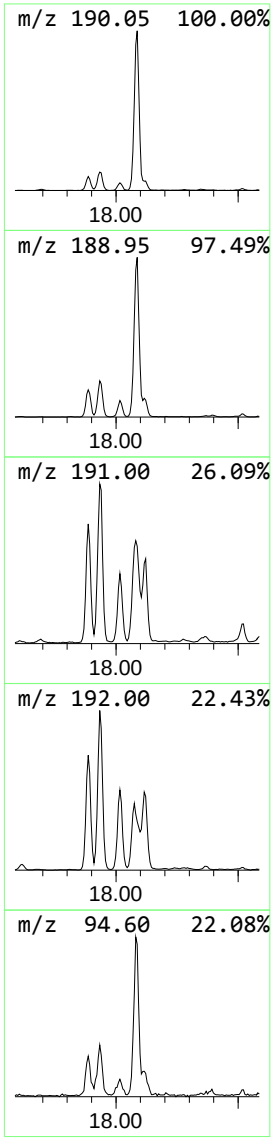
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	9.86 ng/ul	966171	Phenanthrene-d10	17.010

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	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

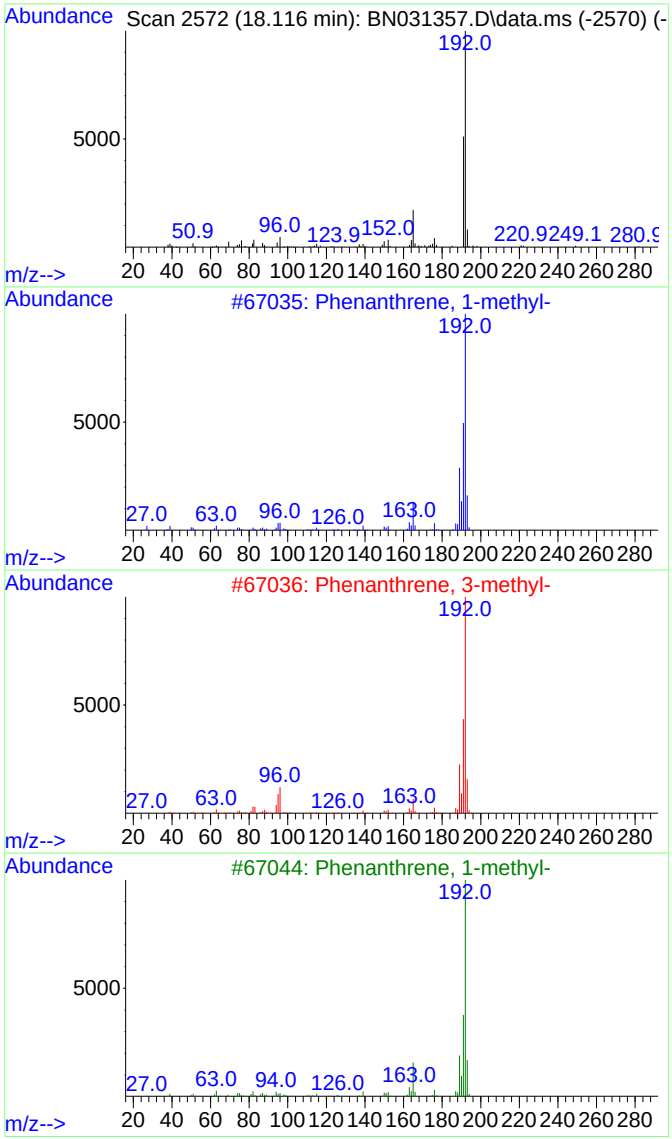
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

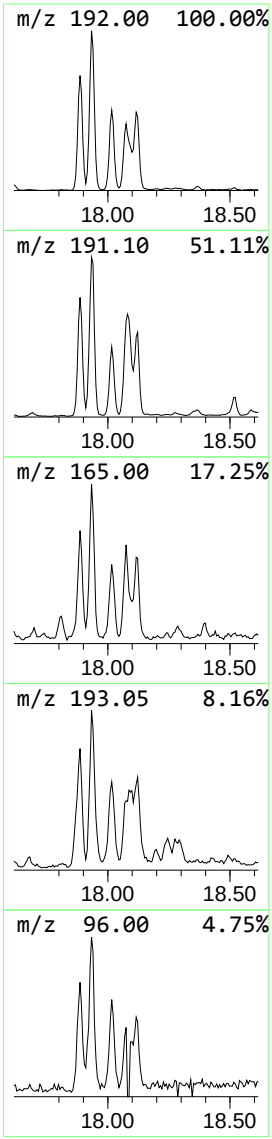
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.40 ng/ul	235520	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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Data File : BN031357.D
Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

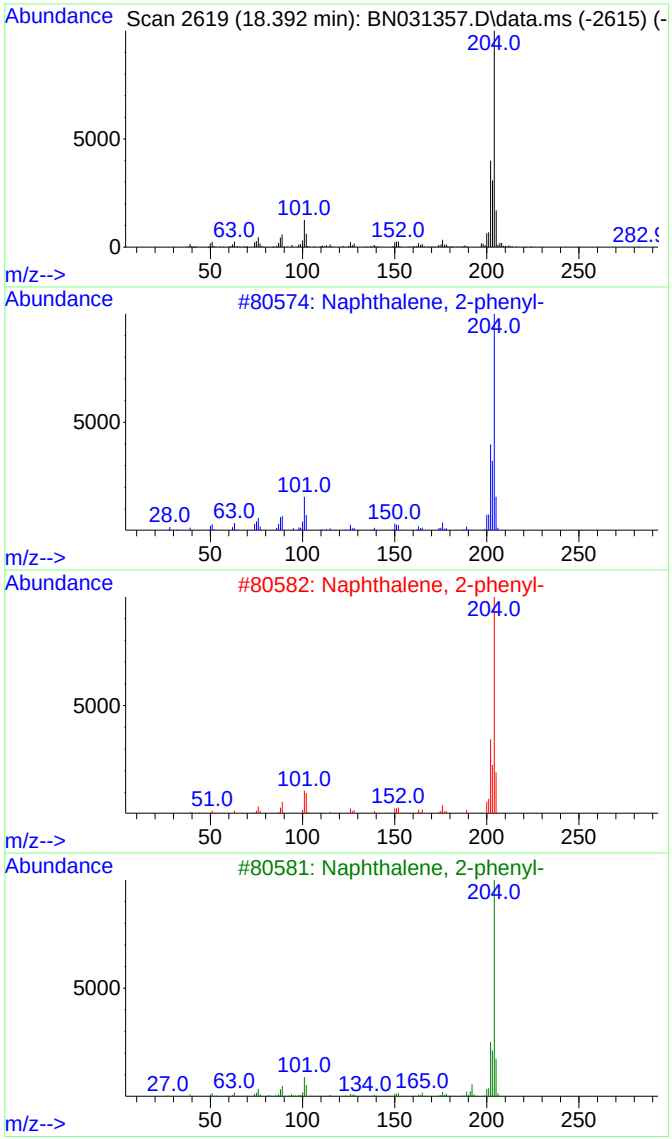
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

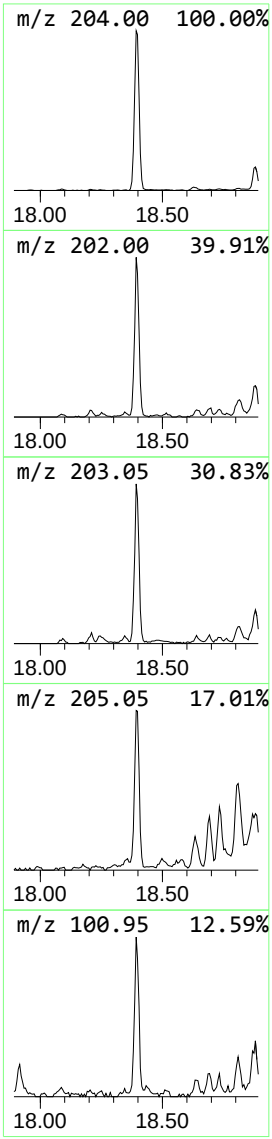
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	3.35 ng/ul	328806	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

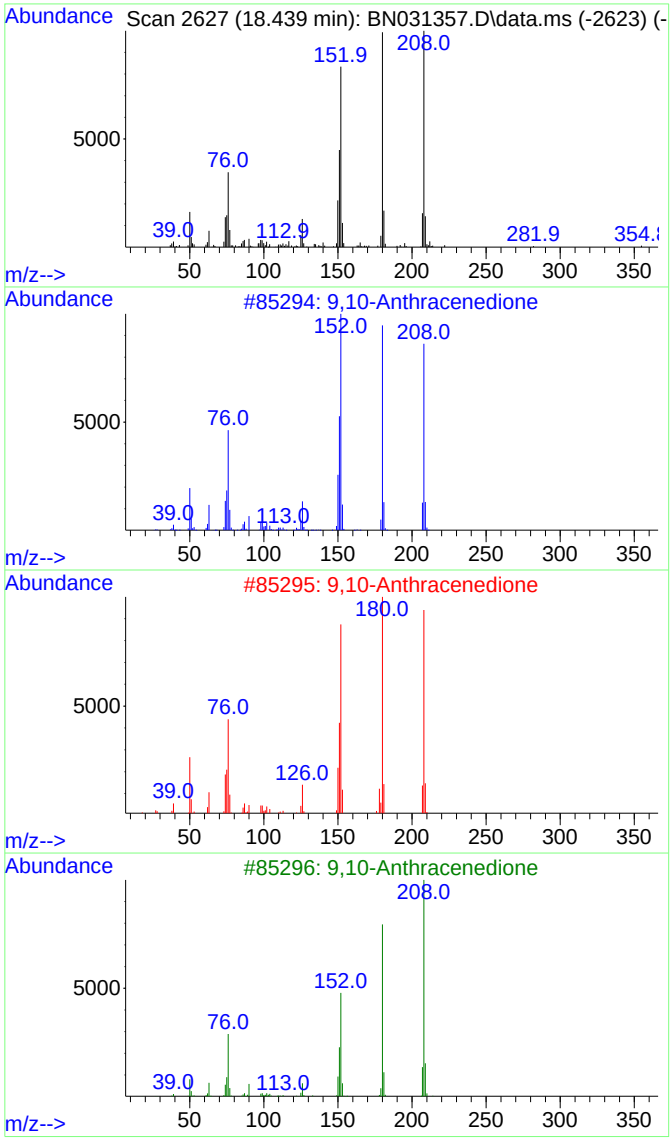
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

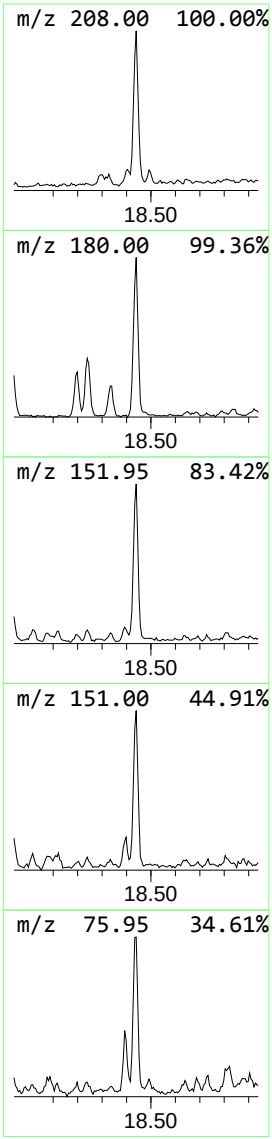
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	2.14 ng/ul	209298	Phenanthrene-d10	17.010

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	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

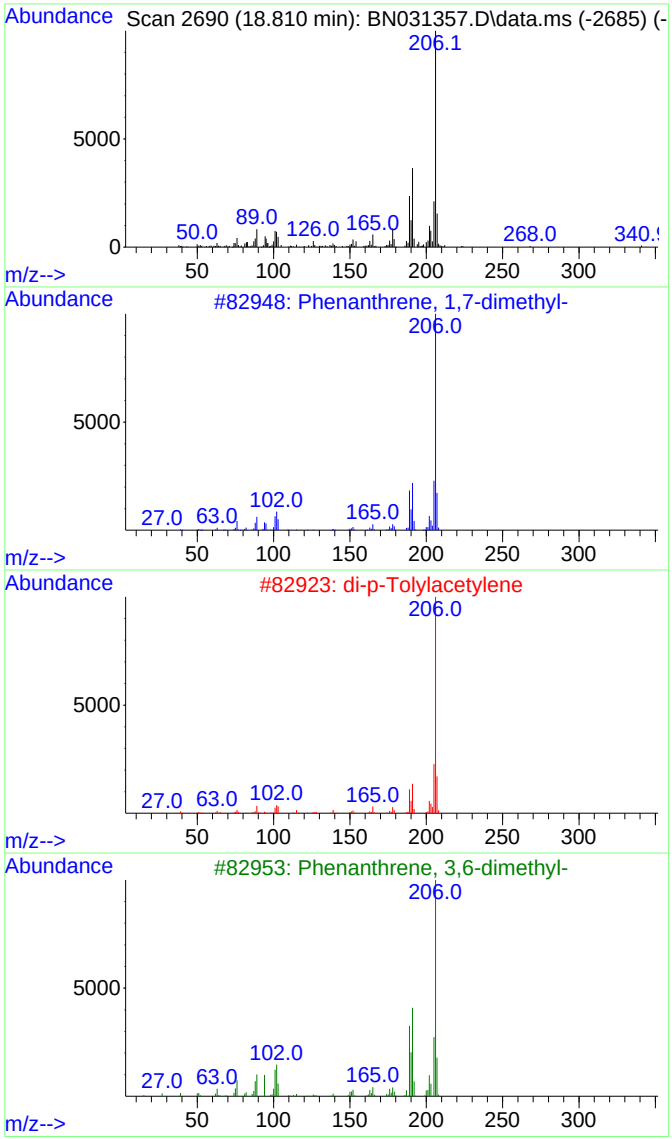
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

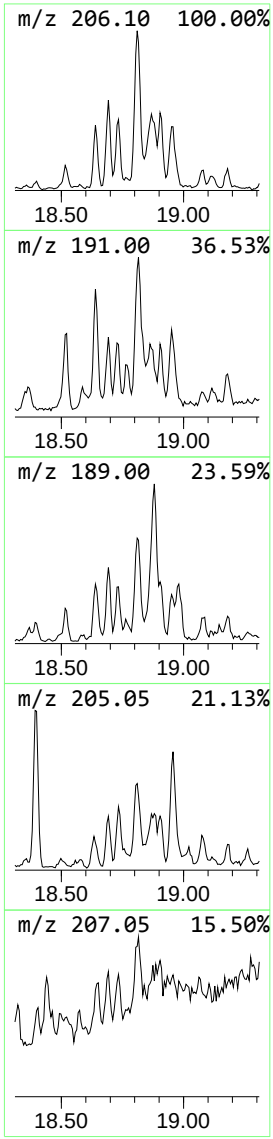
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	2.46 ng/ul	240959	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

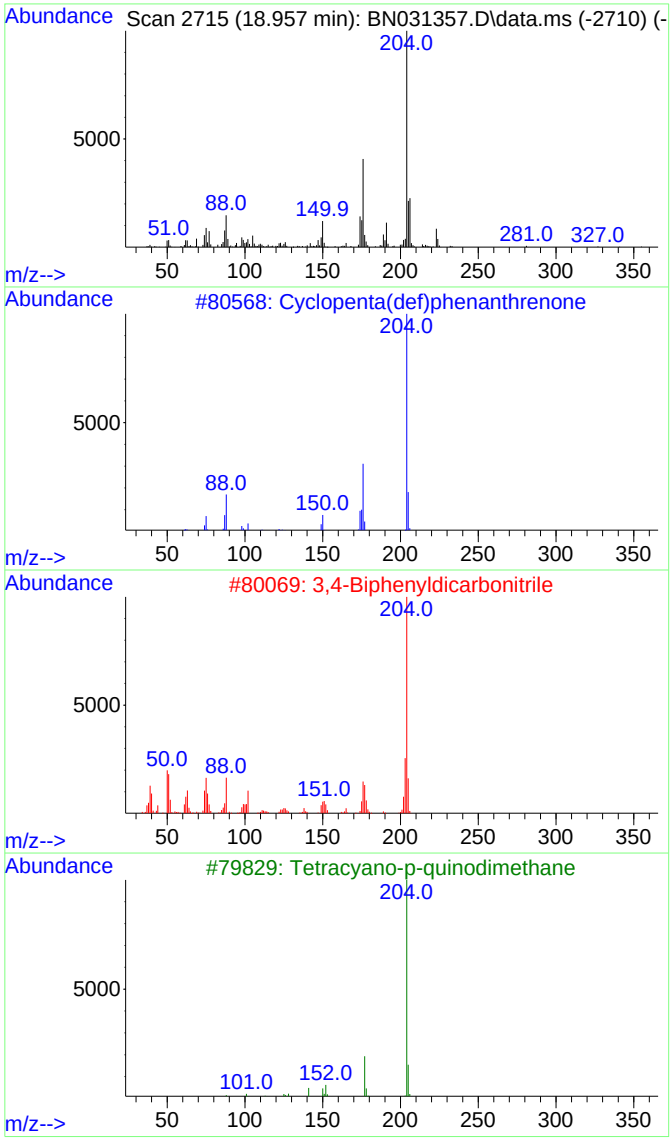
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

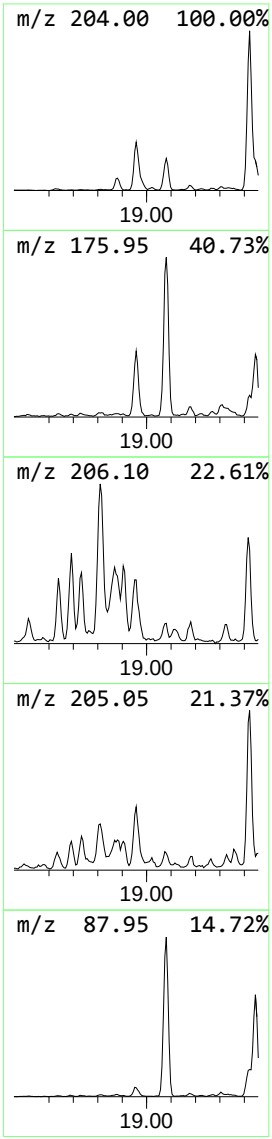
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	5.07 ng/ul	496678	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

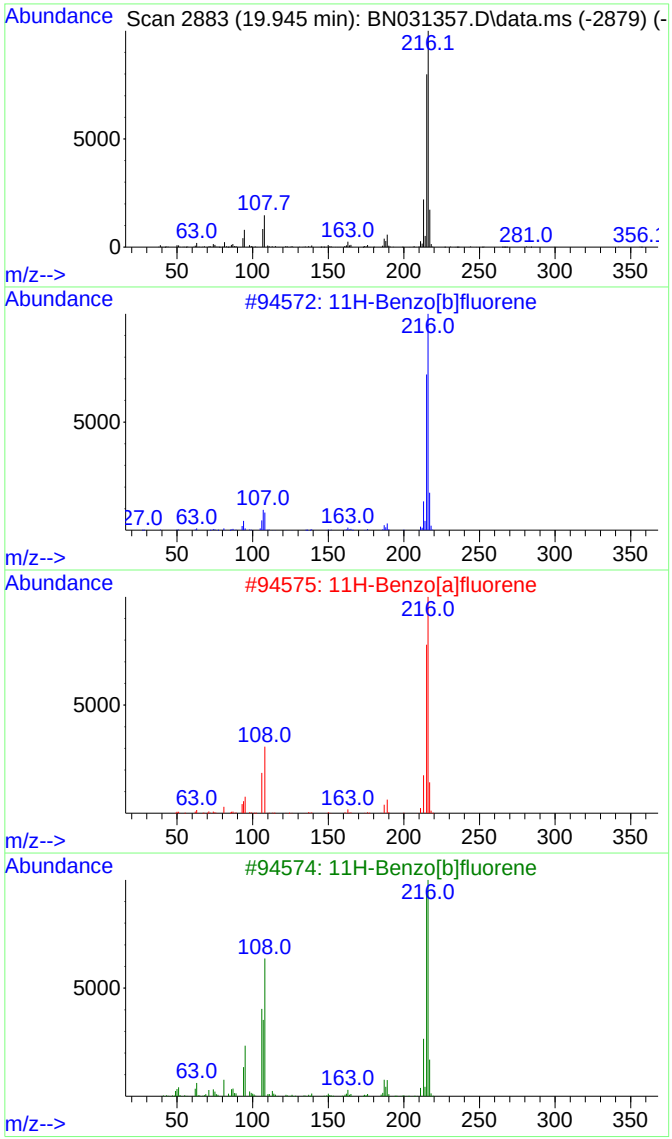
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

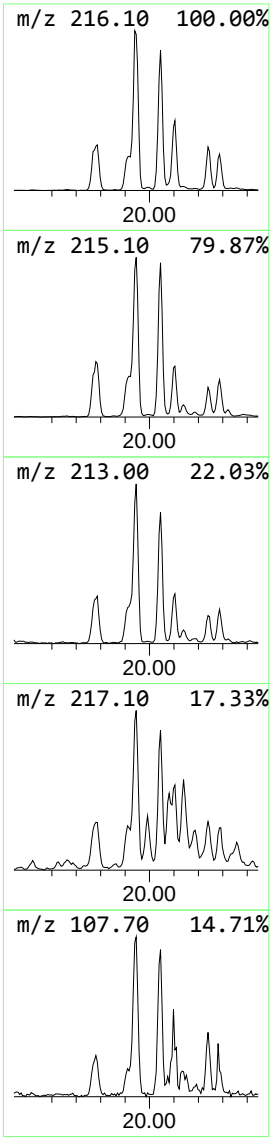
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	2.95 ng/ul	971152	Chrysene-d12	21.251

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	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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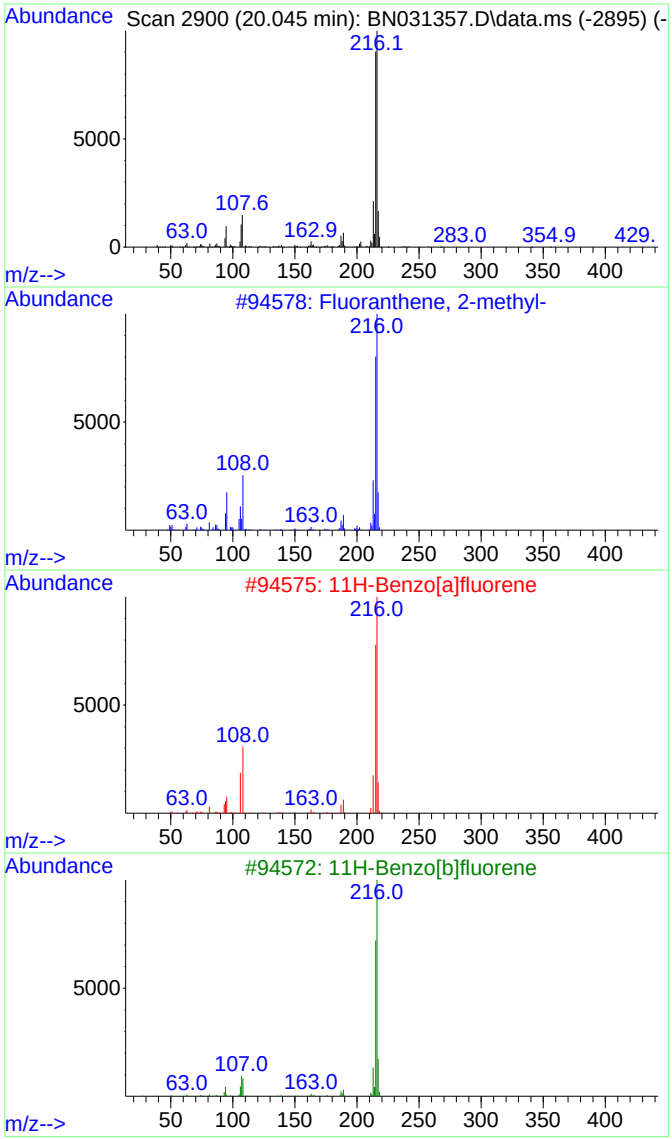
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

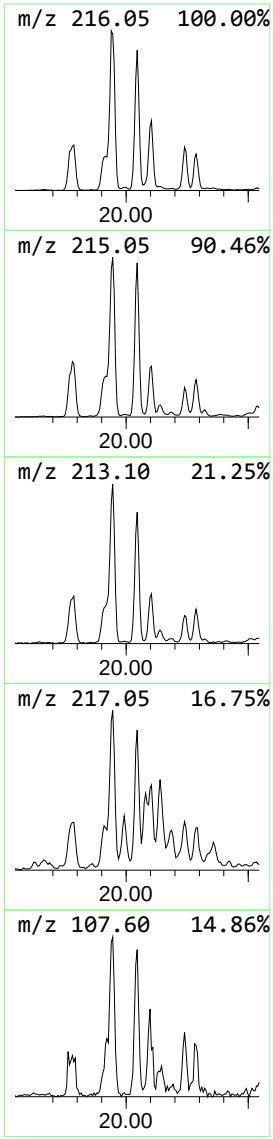
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.37 ng/ul	780474	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Acq On : 01 May 2024 21:13
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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

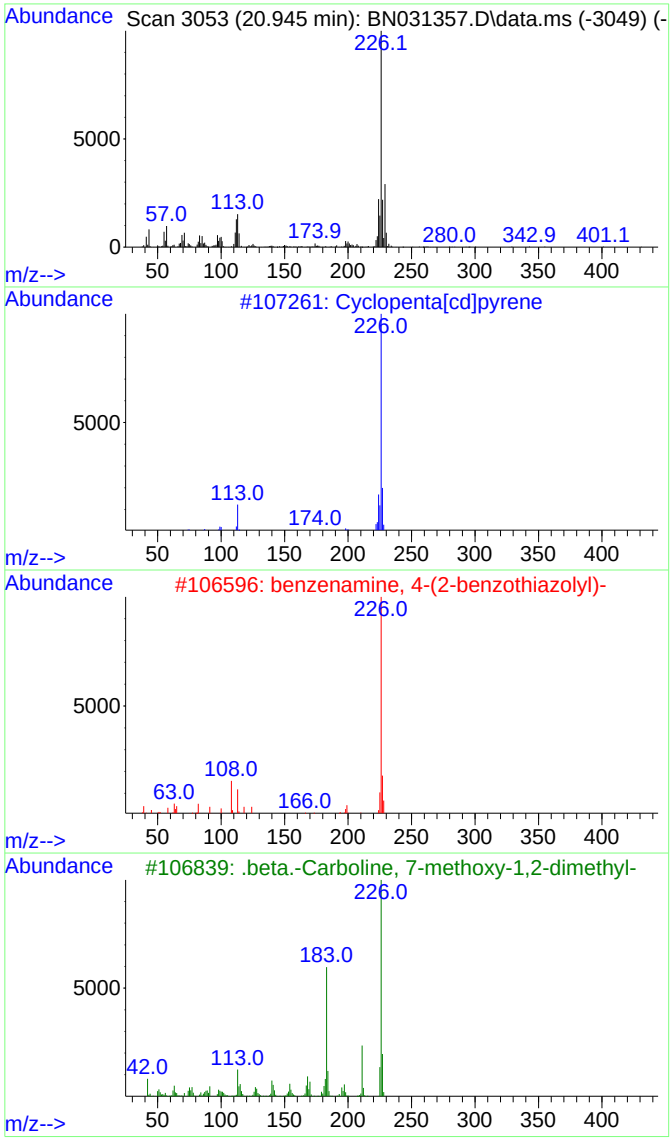
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

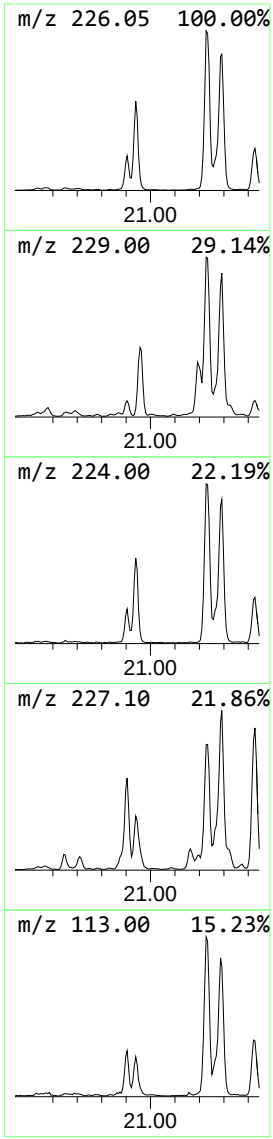
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	2.87 ng/ul	947086	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	47





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

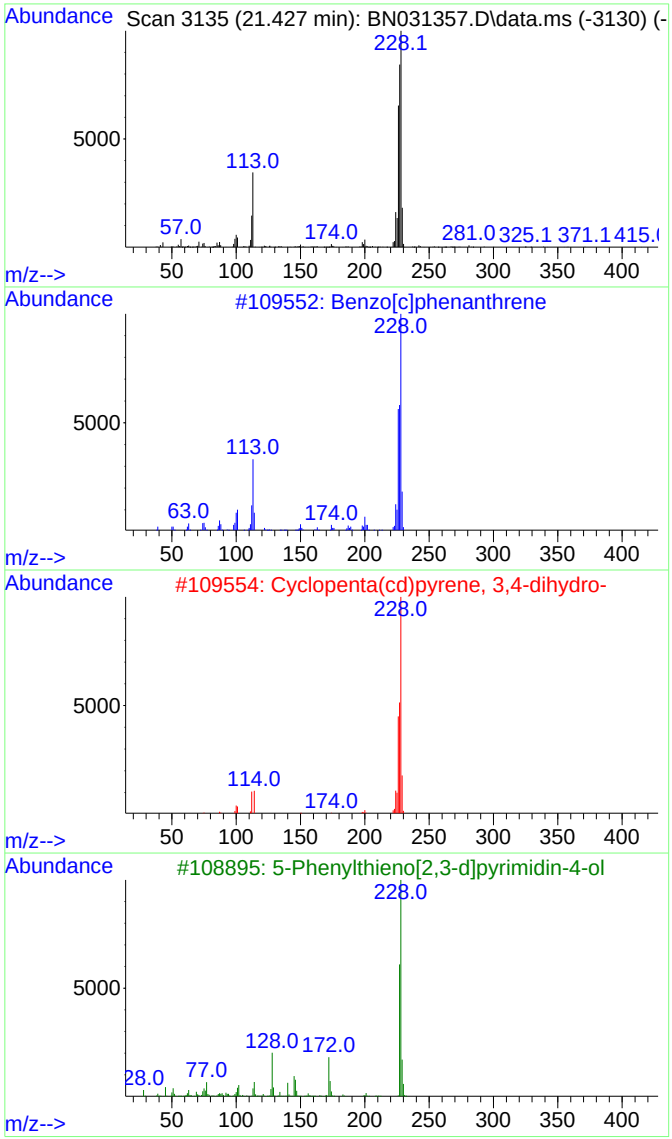
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

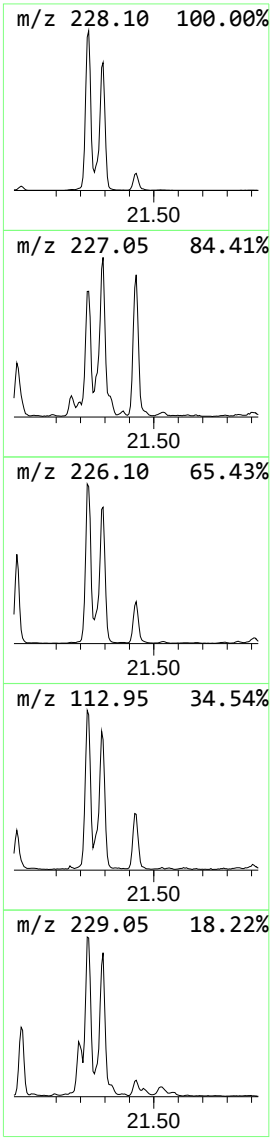
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[c]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	2.02 ng/ul	664296	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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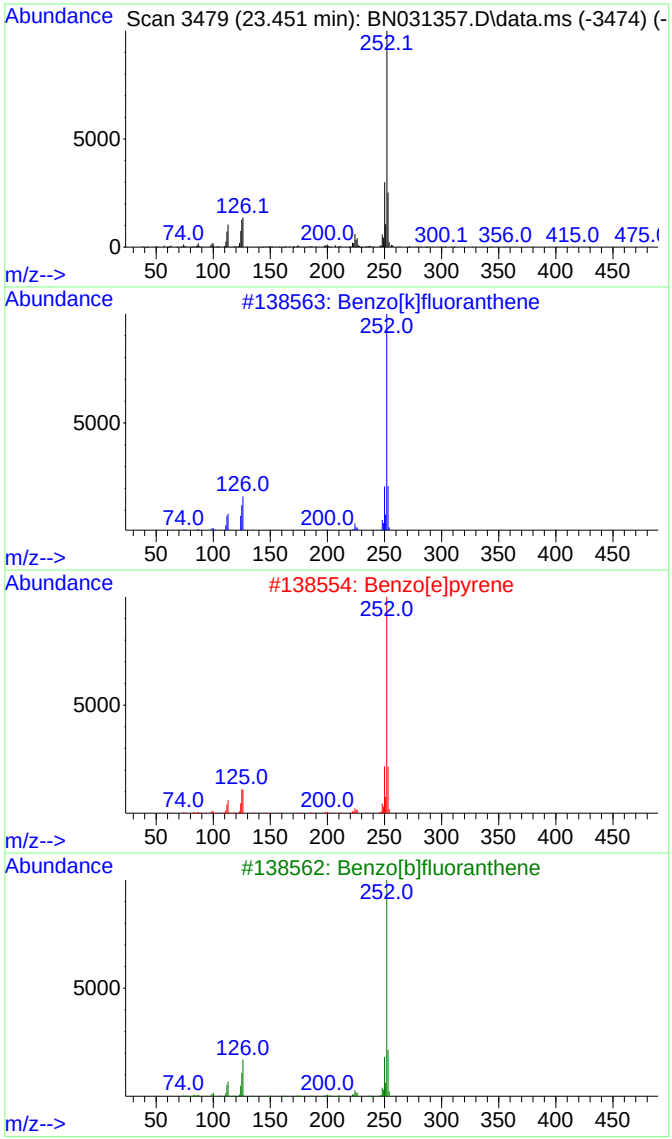
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

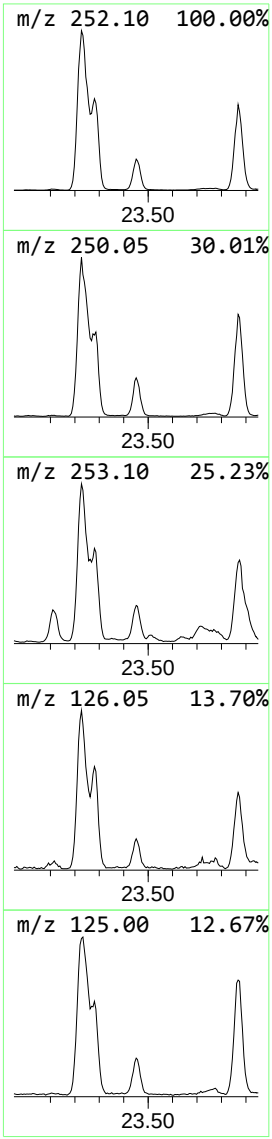
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.451	5.34 ng/ul	601045	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Acq On : 01 May 2024 21:13
Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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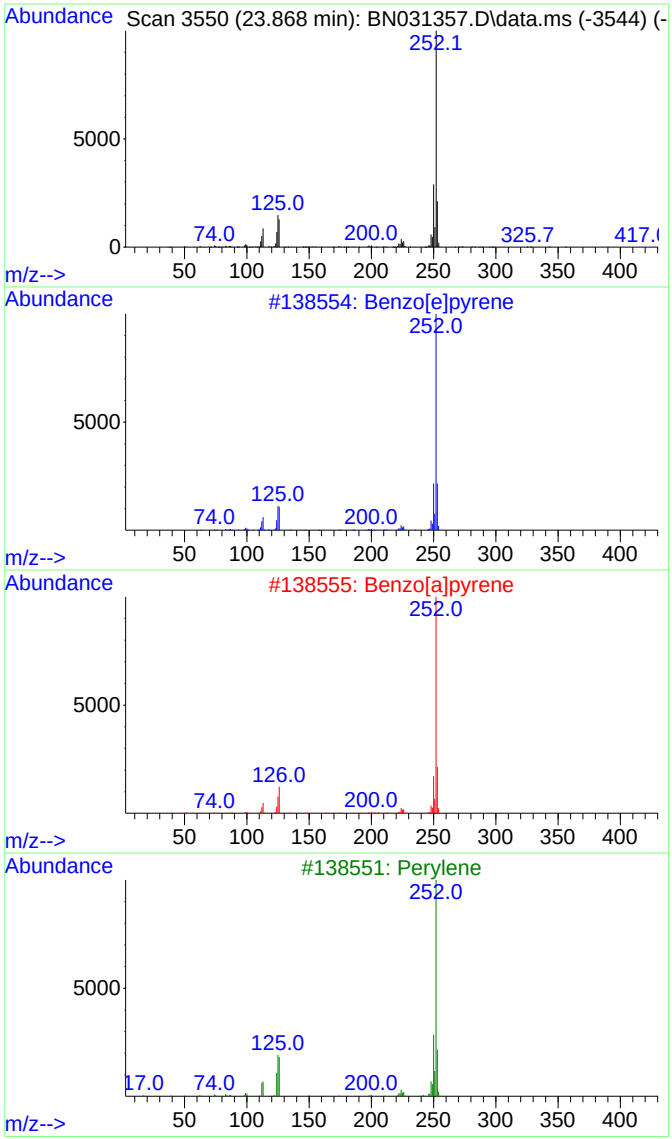
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

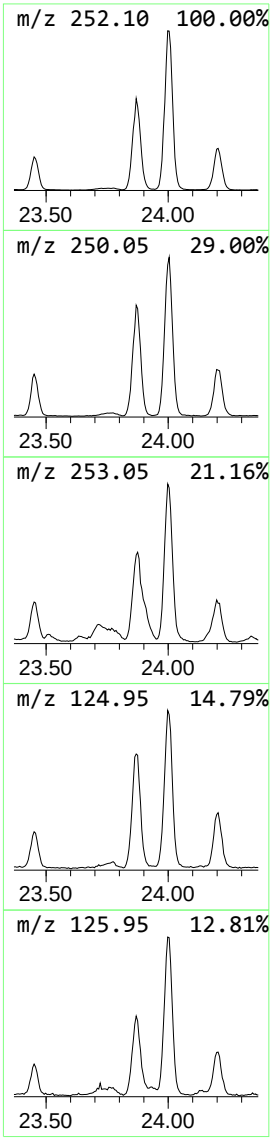
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.868	14.73 ng/ul	1657750	Perylene-d12	24.139

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	96
3	Perylene	252	C20H12	000198-55-0	94
4	Perylene	252	C20H12	000198-55-0	93
5	Perylene	252	C20H12	000198-55-0	93





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Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

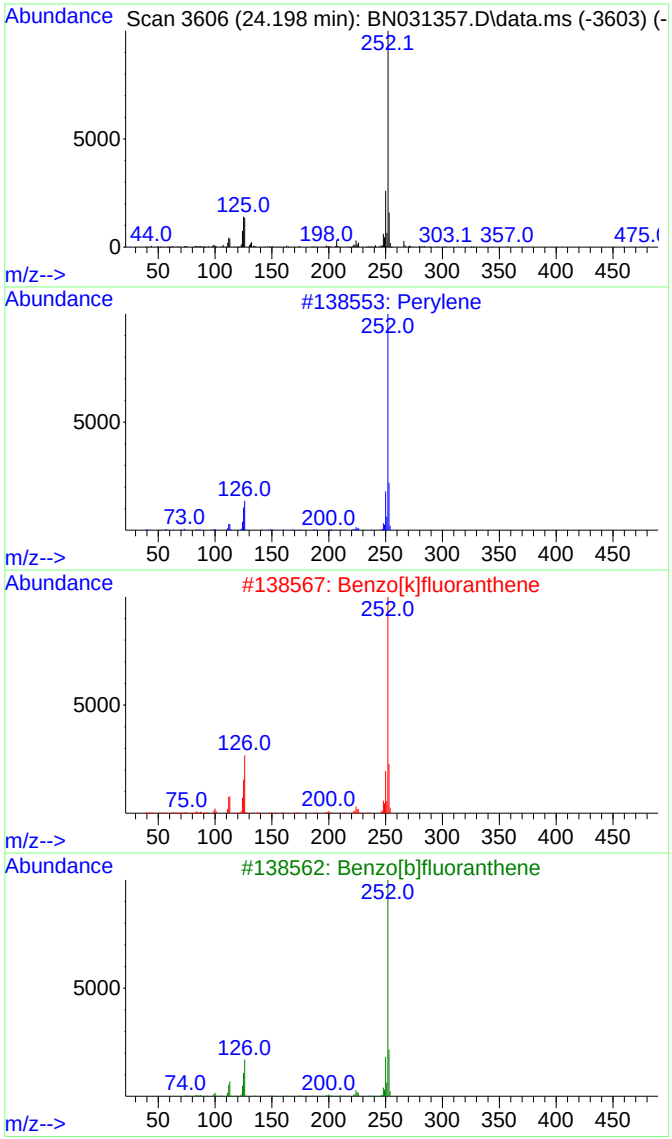
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

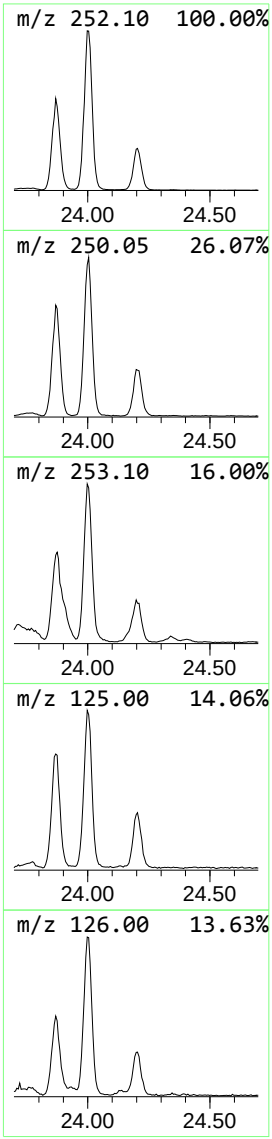
****

Peak Number 16 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.198	8.55 ng/ul	962286	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
Data File : BN031357.D
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Operator : MA/JU
Sample : P2105-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	17.886	4.6	ng/ul	453111	4	17.010	1960220	20.0
Phenanthrene, 1...	17.933	8.4	ng/ul	824543	4	17.010	1960220	20.0
Anthracene, 1-m...	18.016	2.8	ng/ul	270033	4	17.010	1960220	20.0
4H-Cyclopenta[d...	18.086	9.9	ng/ul	966171	4	17.010	1960220	20.0
Phenanthrene, 3...	18.116	2.4	ng/ul	235520	4	17.010	1960220	20.0
Naphthalene, 2-...	18.392	3.4	ng/ul	328806	4	17.010	1960220	20.0
9,10-Anthracene...	18.439	2.1	ng/ul	209298	4	17.010	1960220	20.0
Phenanthrene, 1...	18.810	2.5	ng/ul	240959	4	17.010	1960220	20.0
Cyclopenta(def)...	18.957	5.1	ng/ul	496678	4	17.010	1960220	20.0
11H-Benzo[b]flu...	19.945	3.0	ng/ul	971152	5	21.251	6589600	20.0
Fluoranthene, 2...	20.045	2.4	ng/ul	780474	5	21.251	6589600	20.0
Cyclopenta[cd]p...	20.945	2.9	ng/ul	947086	5	21.251	6589600	20.0
Benzo[c]phenant...	21.427	2.0	ng/ul	664296	5	21.251	6589600	20.0
Benzo[j]fluoran...	23.451	5.3	ng/ul	601045	6	24.139	2250380	20.0
Benzo[e]pyrene	23.868	14.7	ng/ul	1657750	6	24.139	2250380	20.0
Perylene	24.198	8.6	ng/ul	962286	6	24.139	2250380	20.0