LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BH3Q9DL

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\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018947.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.005	657	666	680	rVB	333503	578608	5.45%	0.472%
2	7.163	687	693	704	rVB	267089	416944	3.93%	0.340%
3	7.358	720	726	735	rVB	337265	522914	4.93%	0.426%
4	7.828	799	806	817	rBV	824207	1283167	12.09%	1.046%
5	8.546	920	928	934	rBV	367706	589677	5.55%	0.481%
6	8.652	942	946	955	rVB	101538	162609	1.53%	0.133%
7	8.987	996	1003	1014	rVV	305565	497286	4.68%	0.405%
8	9.710	1116	1126	1133	rBV	235335	386186	3.64%	0.315%
9	10.252	1211	1218	1225	rBV	401206	669565	6.31%	0.546%
10	10.622	1272	1281	1286	rBV	1042032	1766480	16.64%	1.440%
11	10.675	1286	1290	1298	rVB	317037	504819	4.76%	0.411%
12	10.769	1298	1306	1319	rBV	211714	409160	3.85%	0.333%
13	12.287	1556	1564	1570	rBV	133170	217030	2.04%	0.177%
14	12.504	1593	1601	1610	rVB	107357	176621	1.66%	0.144%
15	13.781	1812	1818	1823	rBV	94969	173832	1.64%	0.142%
16	13.875	1830	1834	1840	rVB	693881	937812	8.83%	0.764%
17	14.157	1874	1882	1903	rVV2	828177	1630325	15.36%	1.329%
18	14.463	1924	1934	1940	rBV	1622903	2446577	23.05%	1.994%
19	14.522	1940	1944	1952	rVV	409621	627973	5.92%	0.512%
20	14.681	1963	1971	1978	rBV2	156302	310830	2.93%	0.253%
21	14.857	1991	2001	2010	rVV	306297	534521	5.04%	0.436%
22	15.134	2044	2048	2054	rBV2	60483	91779	0.86%	0.075%
23	15.451	2095	2102	2107	rVV	1119668	1683743	15.86%	1.372%
24	15.510	2107	2112	2121	rVV	477688	719958	6.78%	0.587%
25	15.587	2121	2125	2130	rVV3	88746	174646	1.65%	0.142%
26	15.634	2130	2133	2136	rVV	75116	101091	0.95%	0.082%
27	15.675	2136	2140	2144	rVV	72965	113600	1.07%	0.093%
28	15.804	2158	2162	2168	rVB	152275	222244	2.09%	0.181%
29	15.951	2182	2187	2195	rVB	162121	313011	2.95%	0.255%
30	16.187	2222	2227	2233	rVB3	67212	110794	1.04%	0.090%
31	16.492	2272	2279	2280	rBV3	80425	129803	1.22%	0.106%
32	16.516	2280	2283	2288	rVV2	114927	165210	1.56%	0.135%
33	16.745	2314	2322	2325	rBV3	98932	192360	1.81%	0.157%
34	16.786	2325	2329	2332	rVB3	82528	101367	0.95%	0.083%
35	16.869	2338	2343	2350	rVB	227194	344949	3.25%	0.281%
36	16.945	2350	2356	2357	rBV2	100460	145842	1.37%	0.119%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

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\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

37	17.028	2366	2370	2379	rVB	294302	455988	4.30%	0.372%
38	17.210	2395	2401	2405	rVV	2093574	3197596	30.12%	2.606%
39	17.257	2405	2409	2414	rVV	5621922	7657172	72.13%	6.240%
40	17.310	2414	2418	2421	rVV2	1424014	2009504	18.93%	1.638%
41	17.345	2421	2424	2430	rVV	1153191	1516427	14.28%	1.236%
42	17.404	2430	2434	2439	rVB3	117662	203165	1.91%	0.166%
43	17.622	2462	2471	2483	rVV2	523811	1097870	10.34%	0.895%
44	17.733	2486	2490	2496	rVV2	152814	248743	2.34%	0.203%
45	17.792	2496	2500	2509	rVB3	115714	210554	1.98%	0.172%
46	18.081	2544	2549	2554	rVV	683123	1269572	11.96%	1.035%
47	18.128	2554	2557	2563	rVB	987345	1288245	12.13%	1.050%
48	18.204	2566	2570	2575	rVB	323131	421680	3.97%	0.344%
49	18.269	2575	2581	2585	rBV2	951228	1725023	16.25%	1.406%
50	18.304	2585	2587	2593	rVB	503278	573865	5.41%	0.468%
51	18.381	2596	2600	2603	rBV3	82078	116915	1.10%	0.095%
52	18.422	2603	2607	2610	rVB2	87697	98929	0.93%	0.081%
53	18.516	2619	2623	2627	rBV4	203258	254327	2.40%	0.207%
54	18.569	2627	2632	2635	rVV	525499	694078	6.54%	0.566%
55	18.610	2635	2639	2644	rVB	588357	728415	6.86%	0.594%
56	18.804	2668	2672	2676	rVV2	168924	203948	1.92%	0.166%
57	18.851	2677	2680	2683	rVV	147196	161748	1.52%	0.132%
58	18.892	2683	2687	2690	rVB2	132818	176744	1.66%	0.144%
59	18.969	2695	2700	2705	rBV	371073	685695	6.46%	0.559%
60	19.033	2707	2711	2713	rBV3	137784	178427	1.68%	0.145%
61	19.110	2719	2724	2732	rBV	414589	736499	6.94%	0.600%
62	19.228	2738	2744	2750	rVB	7986509	10616050	100.00%	8.652%
63	19.286	2751	2754	2757	rBV	109816	126073	1.19%	0.103%
64	19.328	2757	2761	2765	rBV2	214922	387725	3.65%	0.316%
65	19.369	2765	2768	2772	rVB	184638	220934	2.08%	0.180%
66	19.422	2773	2777	2779	rBV3	123814	173389	1.63%	0.141%
67	19.463	2780	2784	2787	rVV	224990	270954	2.55%	0.221%
68	19.551	2794	2799	2801	rBV3	2945387	4256675	40.10%	3.469%
69	19.580	2801	2804	2811	rVB	7214491	9496659	89.46%	7.740%
70	19.645	2811	2815	2820	rBV2	325273	484626	4.57%	0.395%
71	19.751	2829	2833	2840	rBV2	376597	568832	5.36%	0.464%
72	19.816	2840	2844	2849	rVB	300675	435944	4.11%	0.355%
73	19.892	2852	2857	2864	rBV3	454482	1152050	10.85%	0.939%
74	19.951	2864	2867	2869	rBV	88200	99951	0.94%	0.081%
75	20.033	2875	2881	2882	rBV4	376587	664723	6.26%	0.542%
76	20.057	2882	2885	2891	rVB	769772	1143915	10.78%	0.932%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

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\SFAM-EPA-BP120123.MA.M
Title : SVOA CALIBRATION

77	20.157	2899	2902	2905	rBV	434624	586934	5.53%	0.478%
78	20.216	2908	2912	2916	rVV2	663810	1010192	9.52%	0.823%
79	20.257	2916	2919	2922	rVB	160861	179766	1.69%	0.147%
80	20.298	2922	2926	2931	rBV3	156042	306742	2.89%	0.250%
81	20.351	2932	2935	2939	rBV	388887	471028	4.44%	0.384%
82	20.398	2939	2943	2947	rVV	419237	535218	5.04%	0.436%
83	20.610	2976	2979	2982	rBV2	208835	272517	2.57%	0.222%
84	20.792	3006	3010	3016	rBV	669577	920667	8.67%	0.750%
85	20.957	3034	3038	3041	rVB2	416013	580536	5.47%	0.473%
86	20.992	3041	3044	3047	rVV	669573	797332	7.51%	0.650%
87	21.033	3047	3051	3056	rVV2	556734	1095549	10.32%	0.893%
88	21.086	3056	3060	3070	rVB2	676325	988170	9.31%	0.805%
89	21.298	3090	3096	3101	rBV3	4689675	9581277	90.25%	7.809%
90	21.345	3101	3104	3114	rVB	3686437	4540384	42.77%	3.700%
91	21.463	3121	3124	3130	rVB	423536	563835	5.31%	0.460%
92	21.874	3191	3194	3198	rVB	551285	671319	6.32%	0.547%
93	22.080	3225	3229	3232	rBV	448419	628269	5.92%	0.512%
94	22.957	3372	3378	3383	rBV	2597033	6334031	59.66%	5.162%
95	23.133	3405	3408	3415	rVB	515105	860246	8.10%	0.701%
96	23.468	3460	3465	3470	rBV	1254357	2465599	23.23%	2.009%
97	23.521	3470	3474	3478	rVV2	1048392	1817450	17.12%	1.481%
98	23.574	3478	3483	3490	rVB	2460864	4610933	43.43%	3.758%
99	23.674	3494	3500	3506	rBV	1940292	3879902	36.55%	3.162%
100	26.133	3912	3918	3930	rVB2	1212085	3540509	33.35%	2.885%

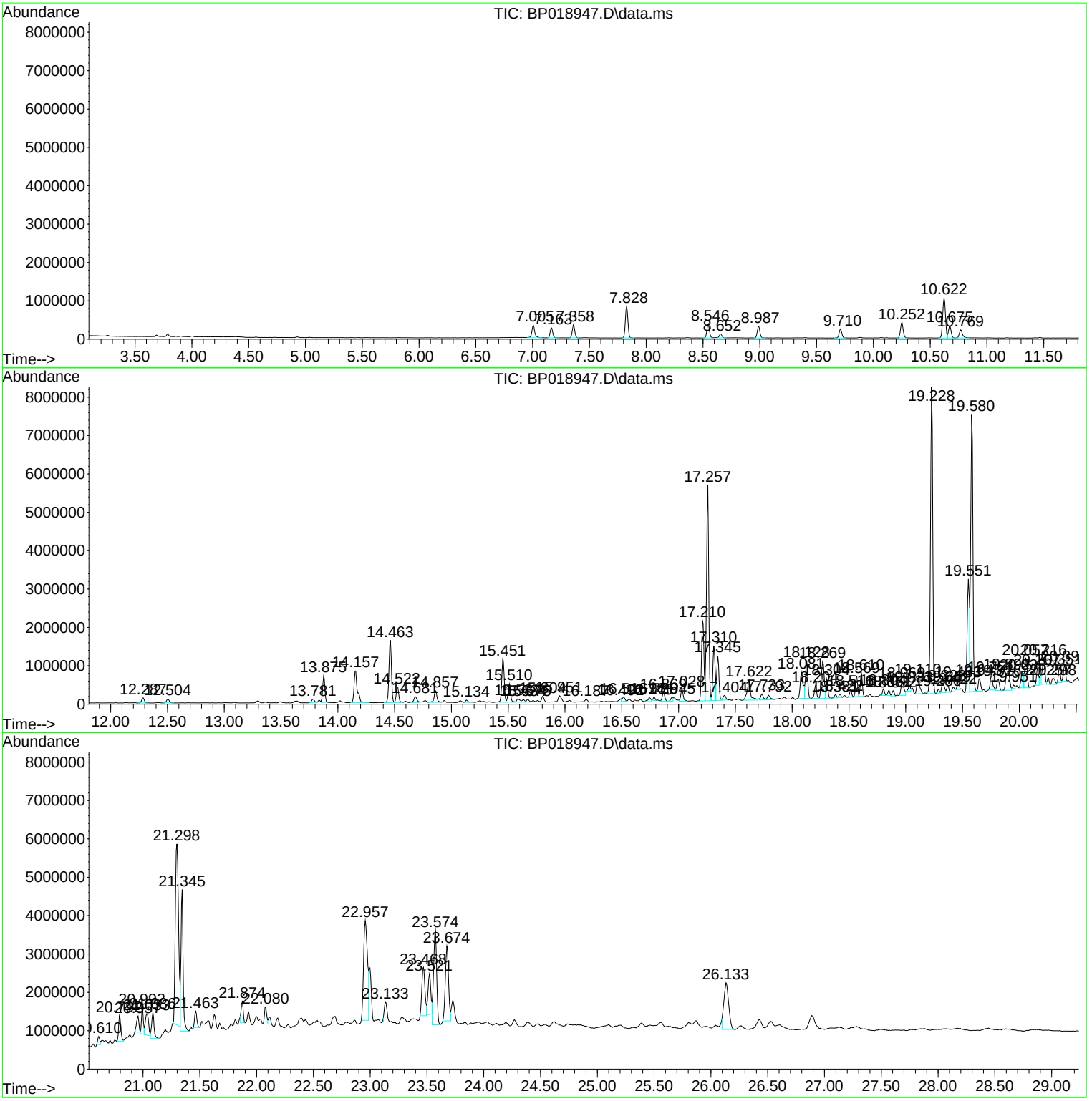
Sum of corrected areas: 122701367

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

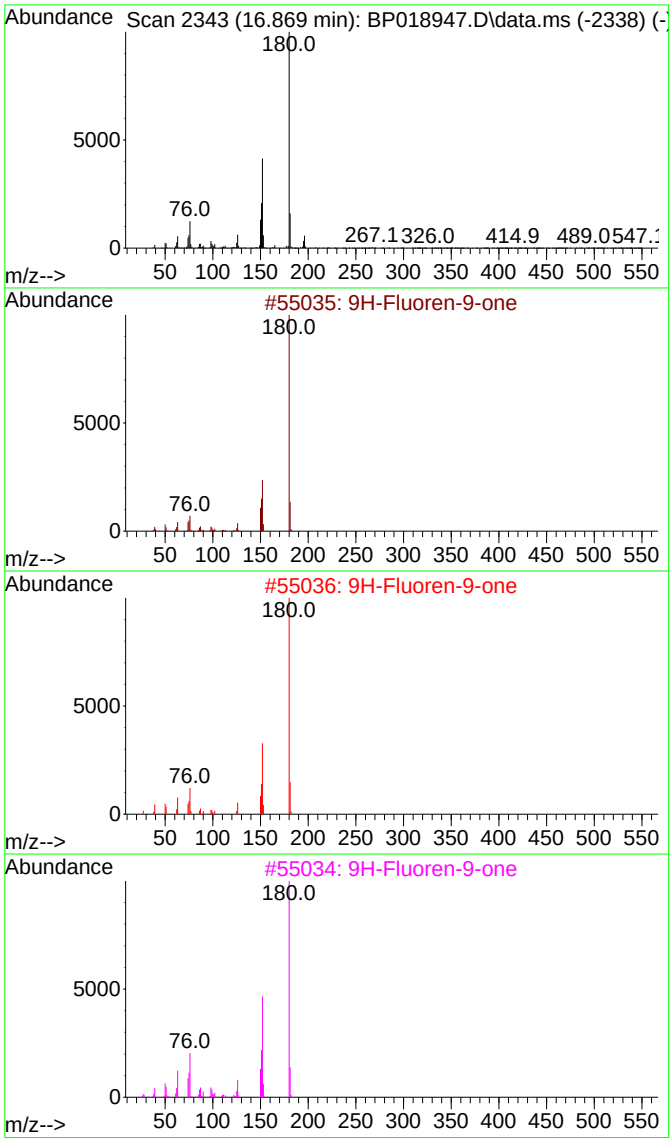
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

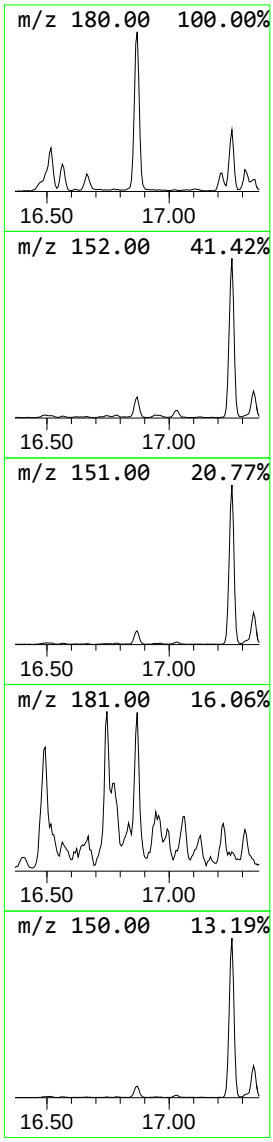
****

Peak Number 1 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	2.16 ng/ul	344949	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

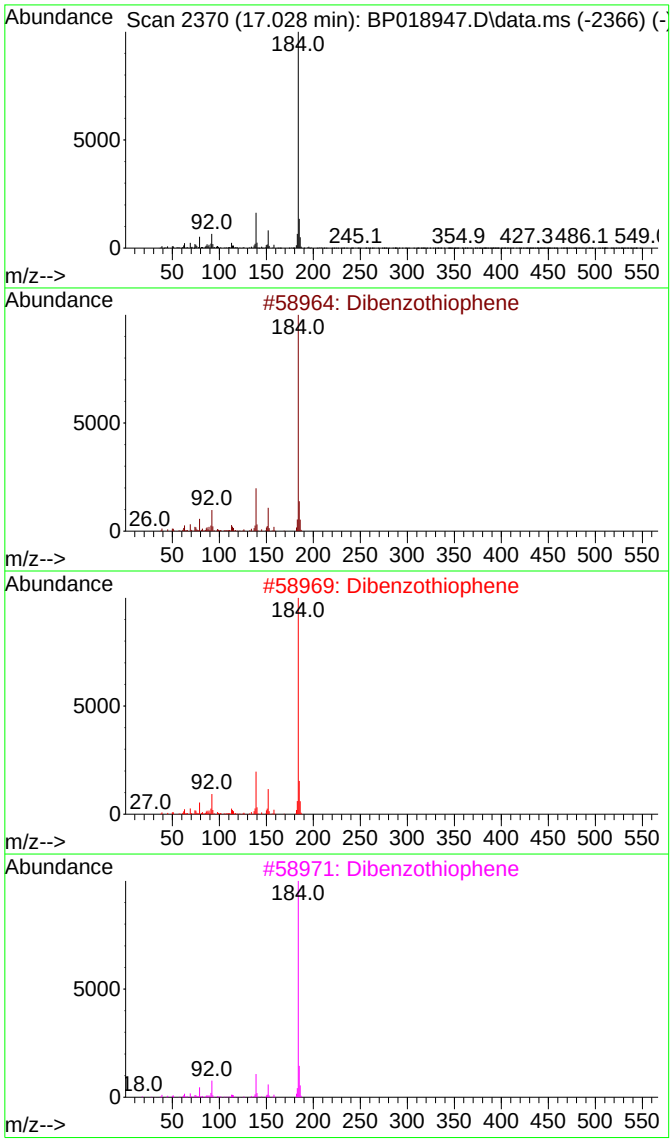
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

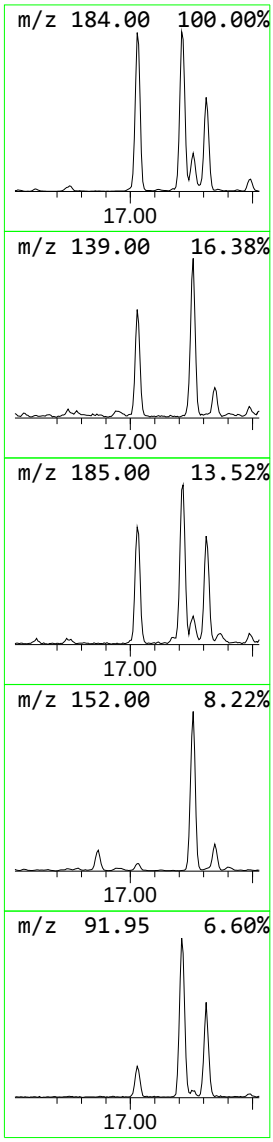
****

Peak Number 2 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.028	2.85 ng/ul	455988	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

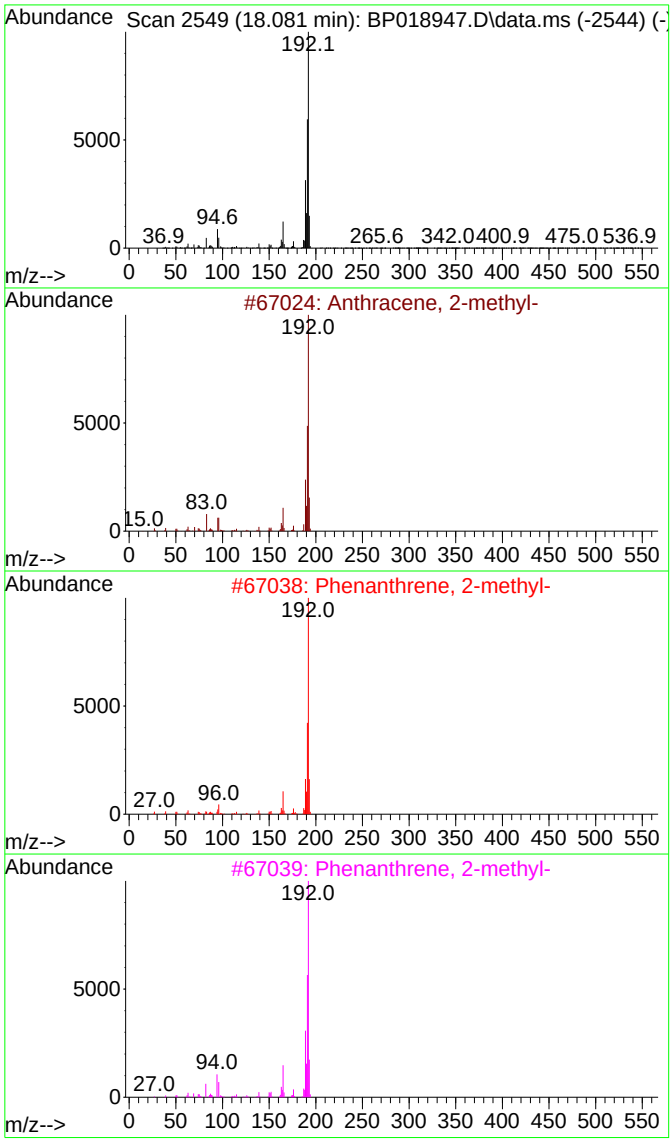
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

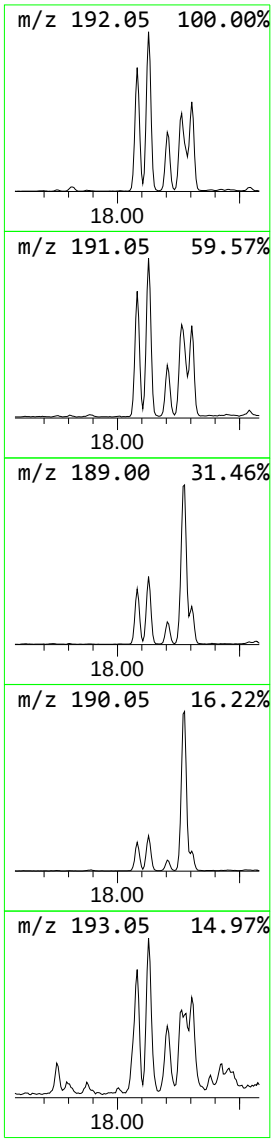
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	7.94 ng/ul	1269570	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

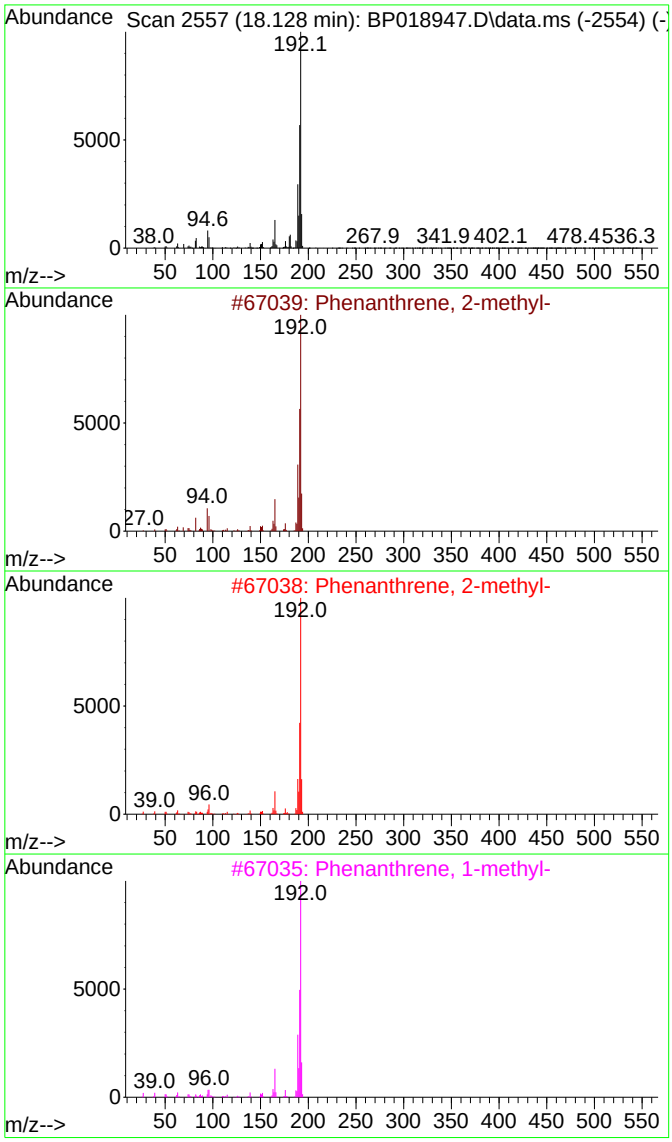
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

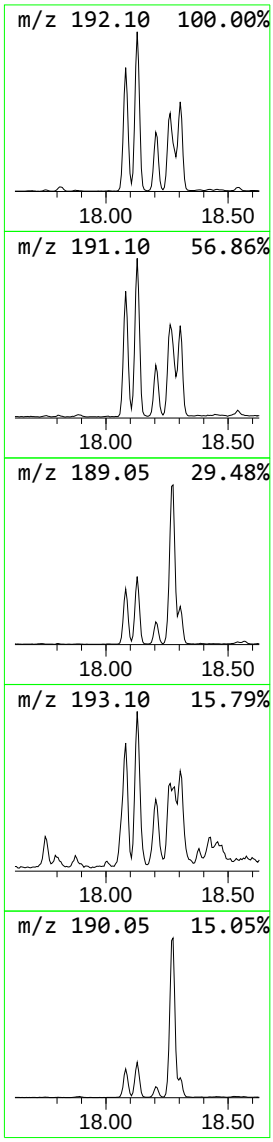
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	8.06 ng/ul	1288250	Phenanthrene-d10	17.210

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

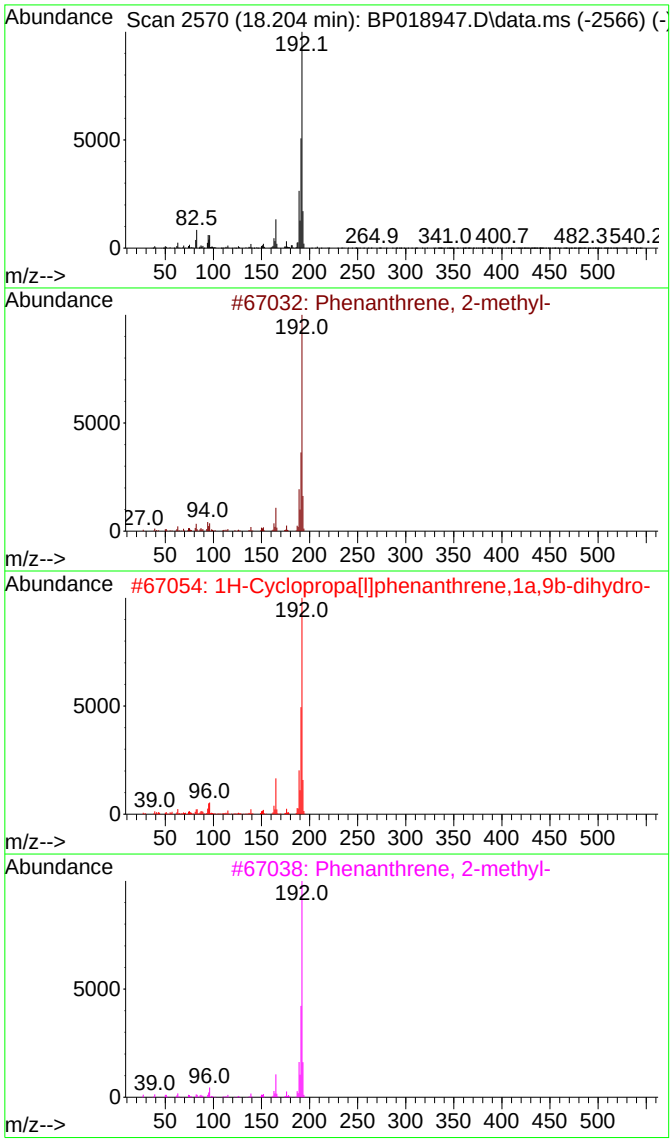
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

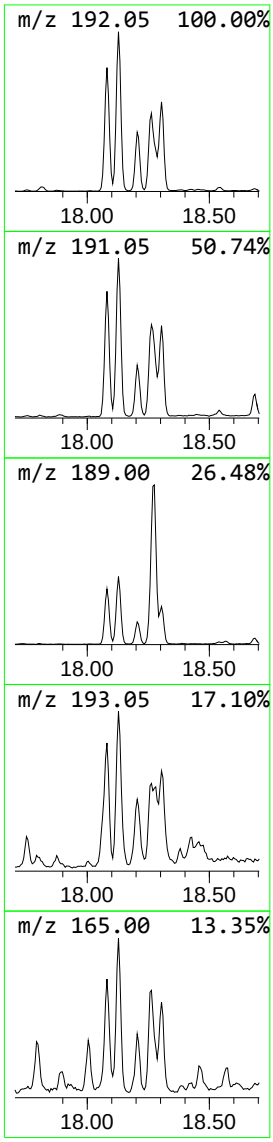
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	2.64 ng/ul	421680	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

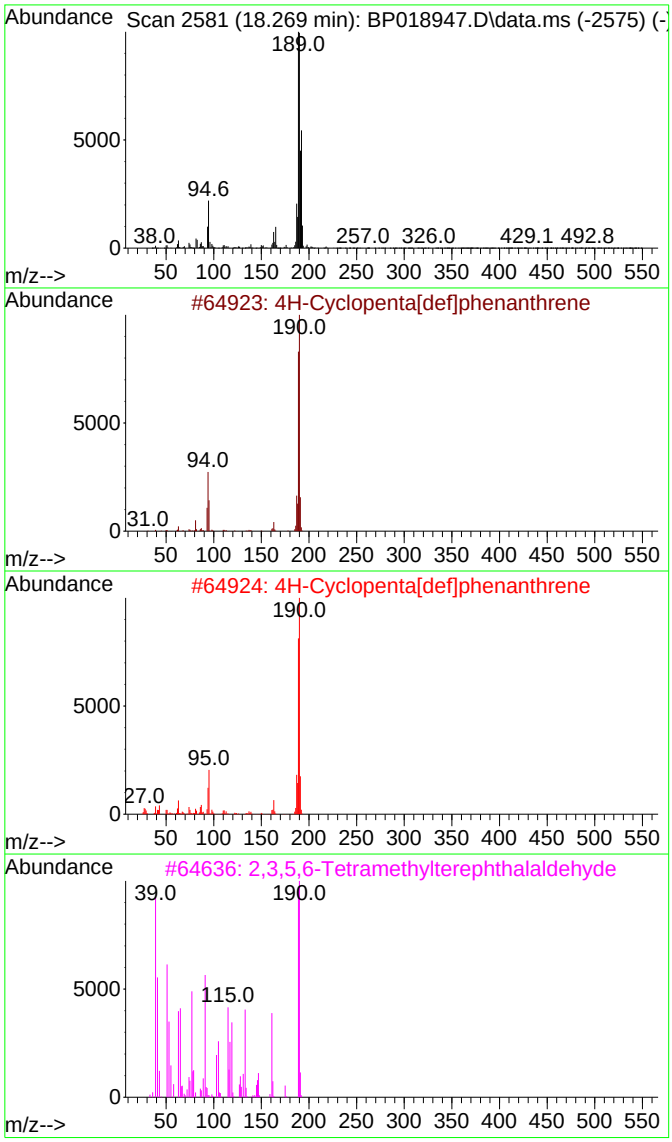
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

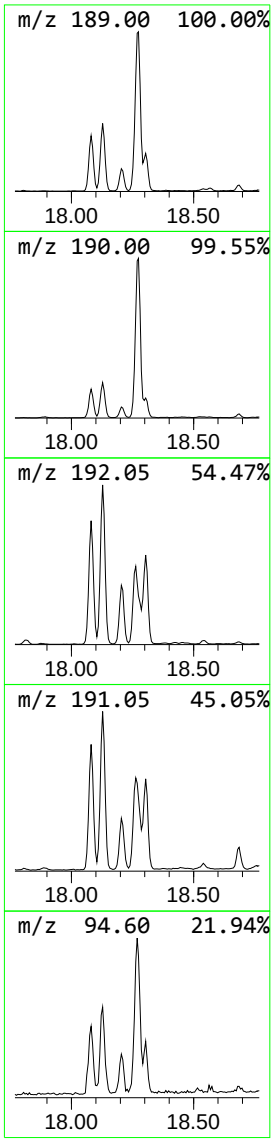
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	10.79 ng/ul	1725020	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

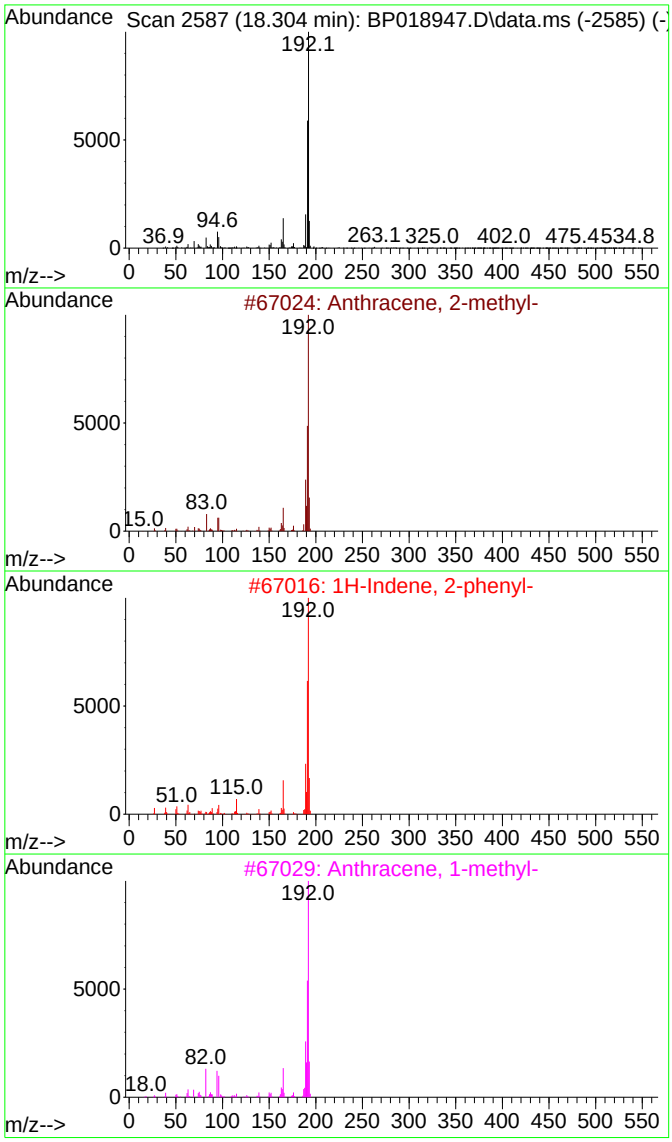
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

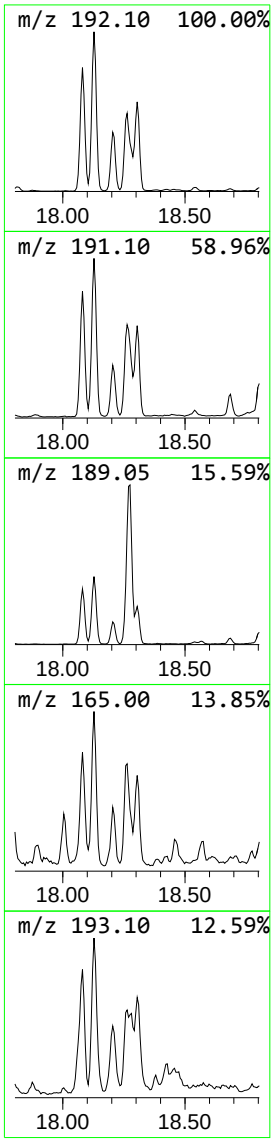
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.59 ng/ul	573865	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

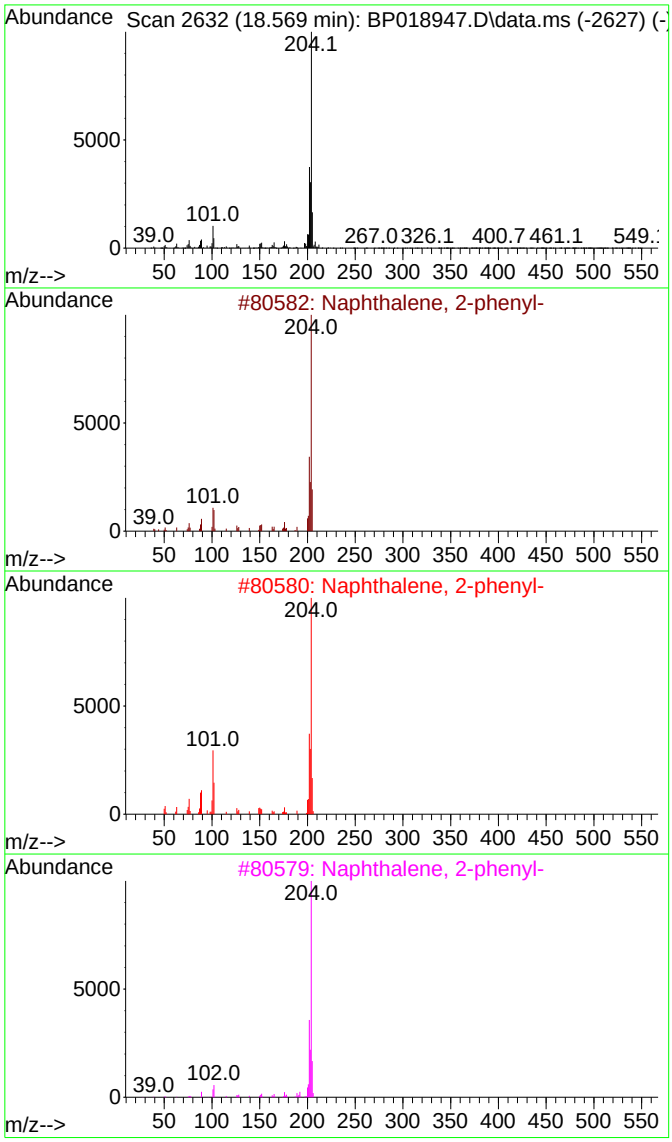
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

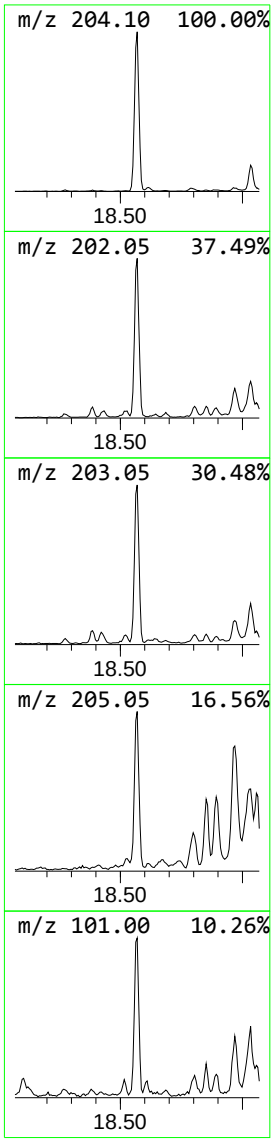
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	4.34 ng/ul	694078	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

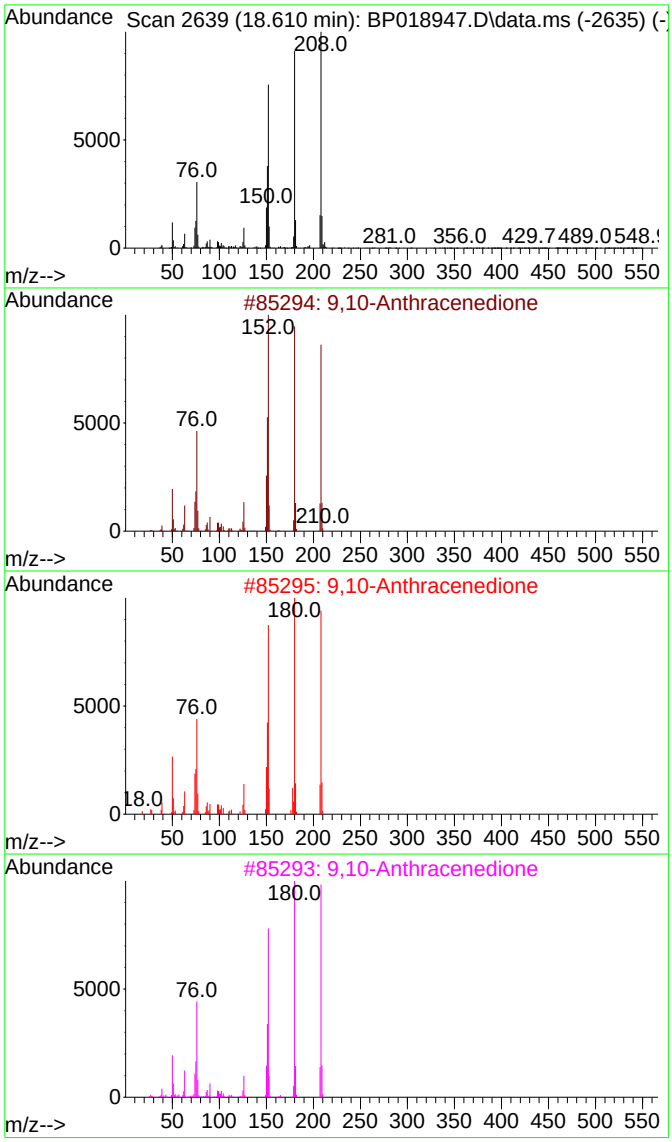
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

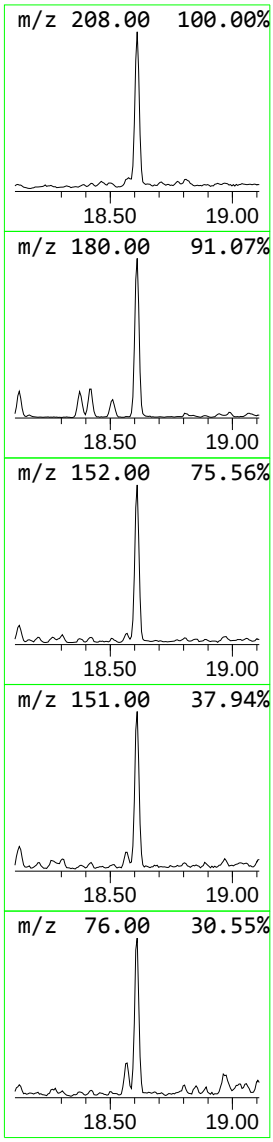
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	4.56 ng/ul	728415	Phenanthrene-d10	17.210

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

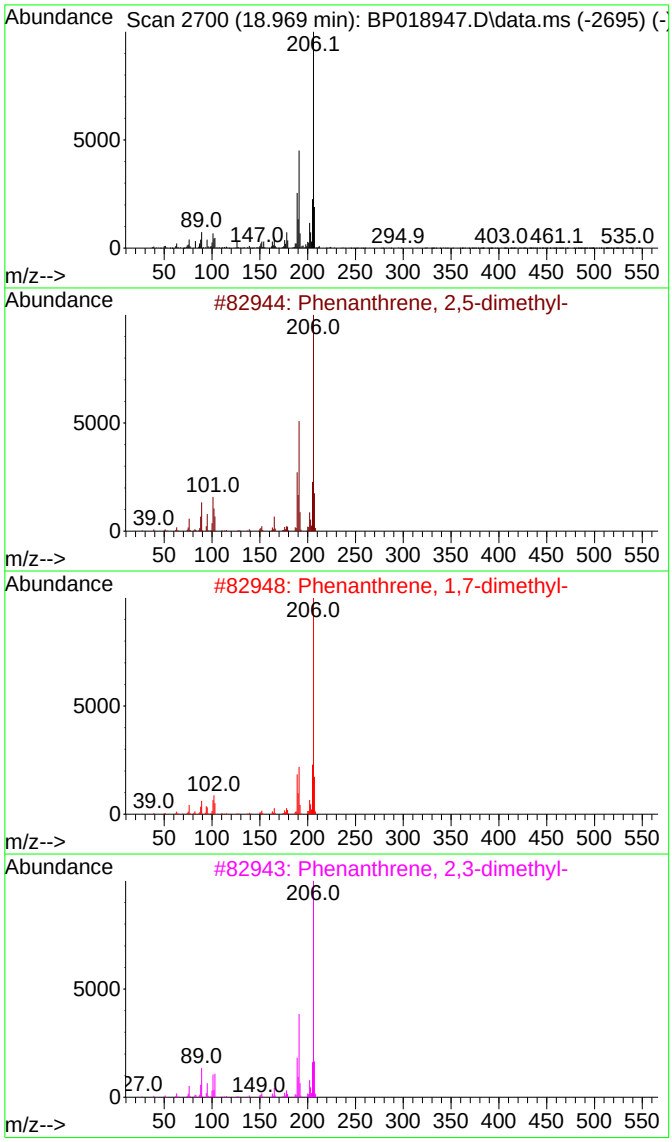
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

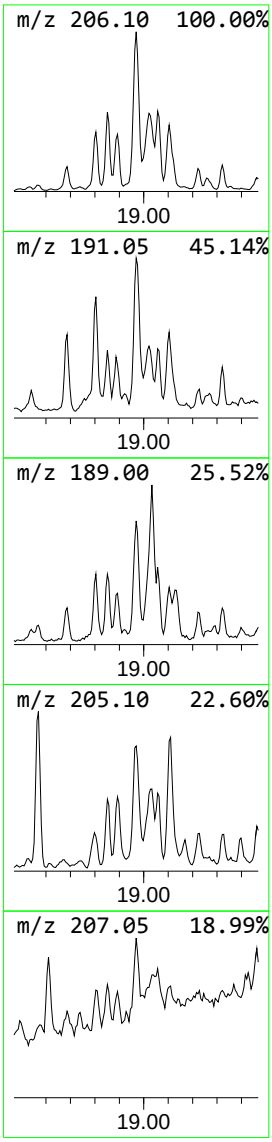
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	4.29 ng/ul	685695	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

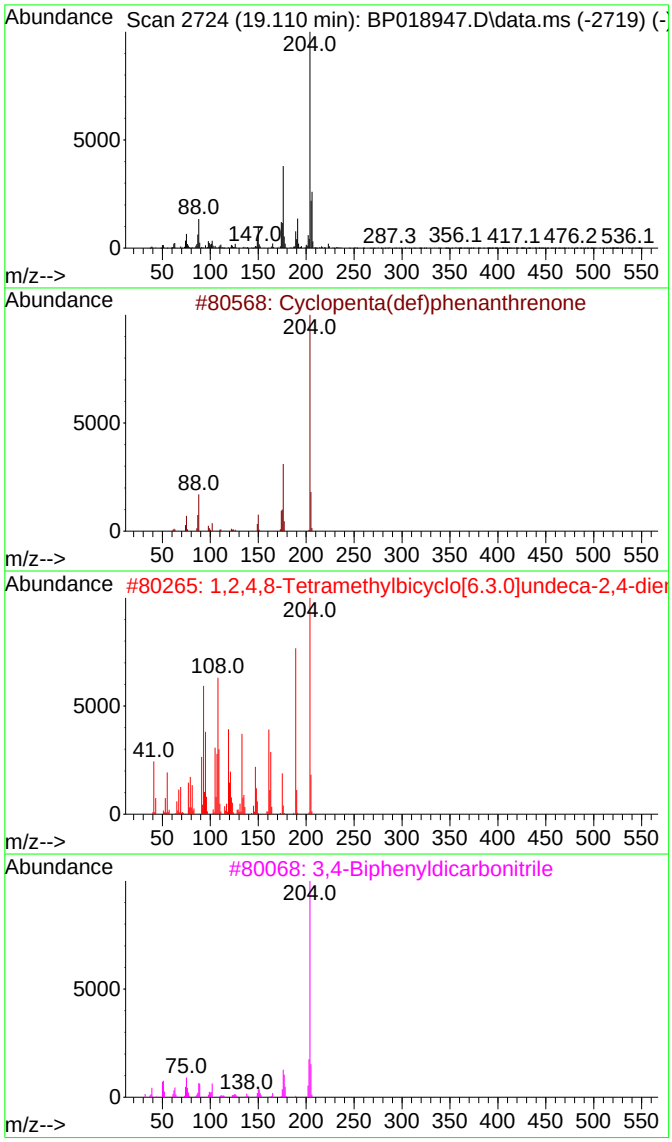
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

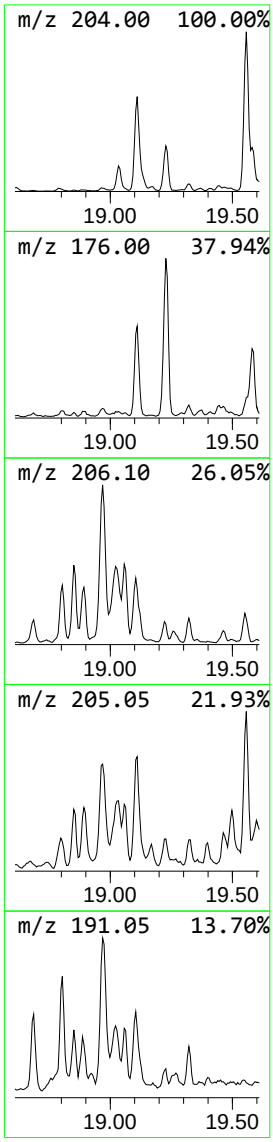
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	4.61 ng/ul	736499	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

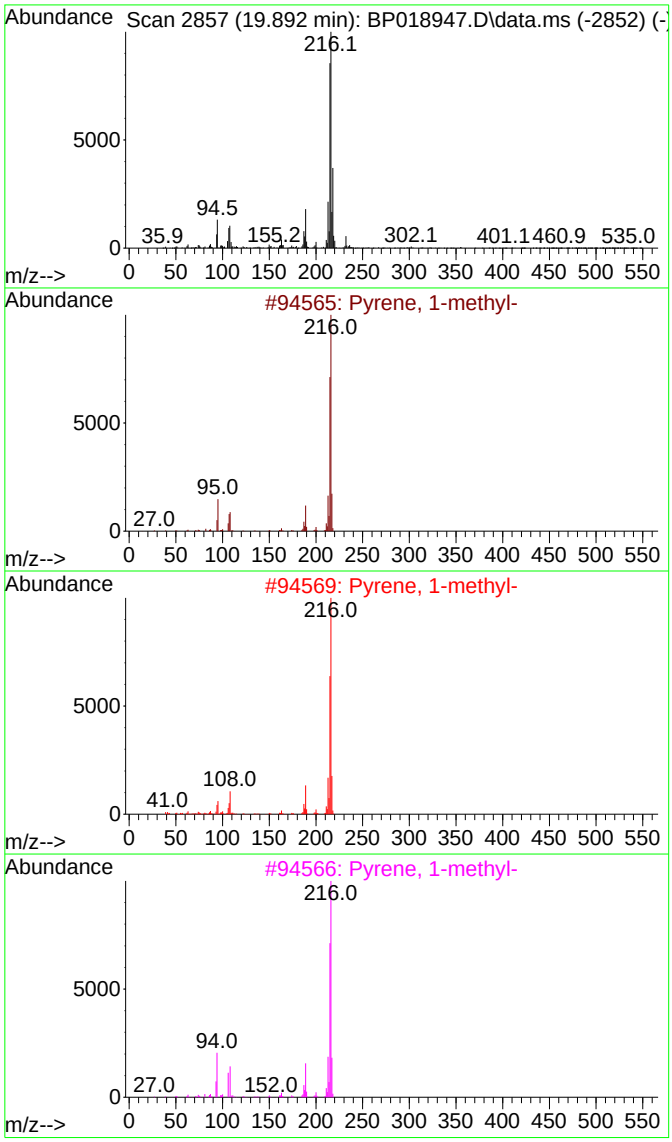
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

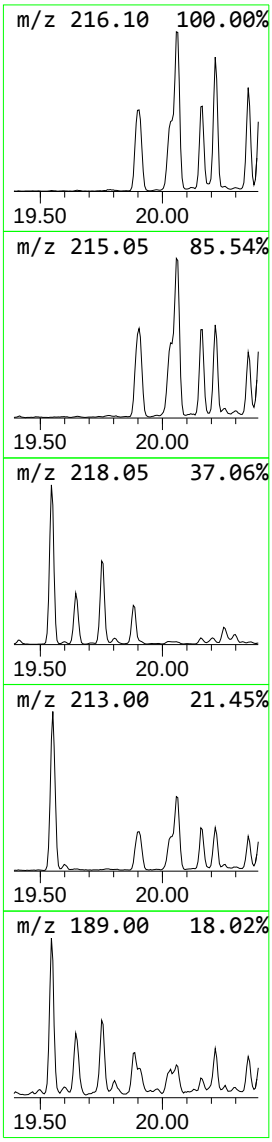
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.892	2.40 ng/ul	1152050	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

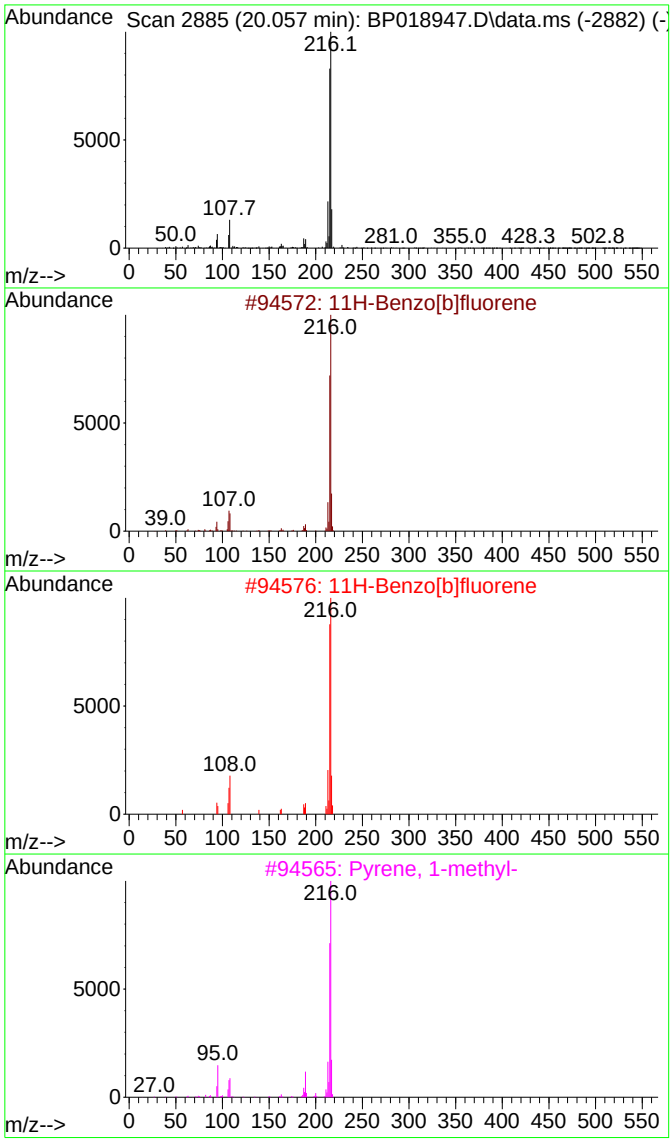
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

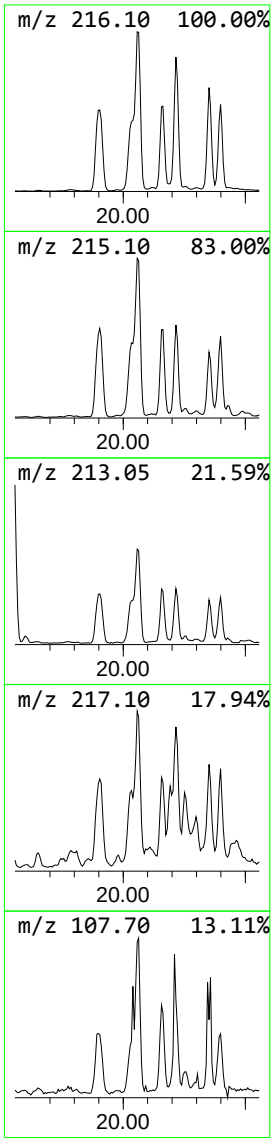
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.057	2.39 ng/ul	1143920	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

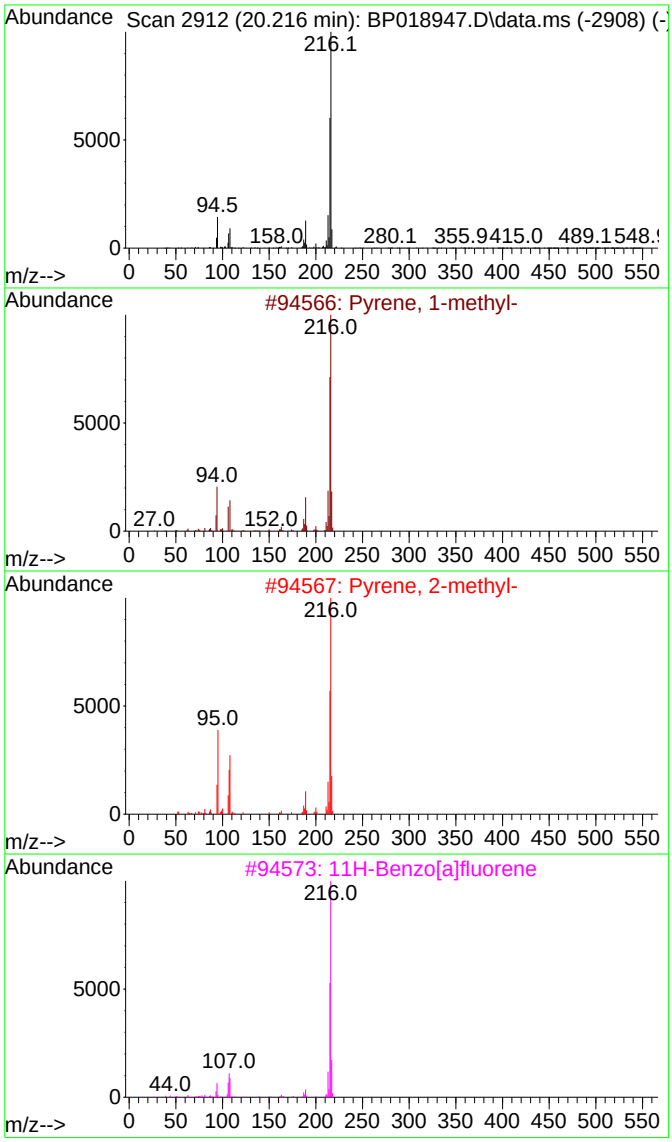
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

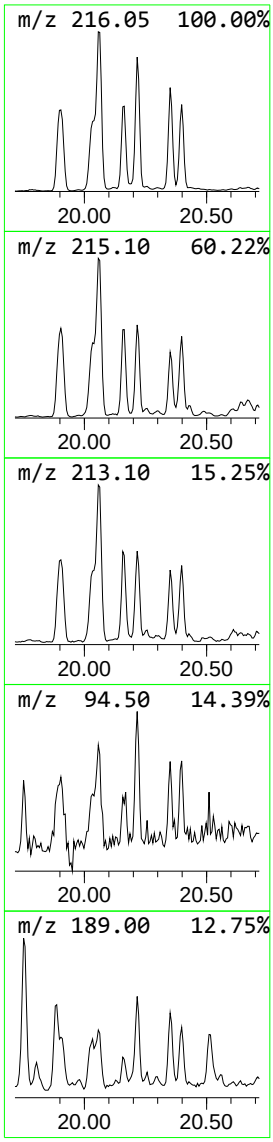
****

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.11 ng/ul	1010190	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

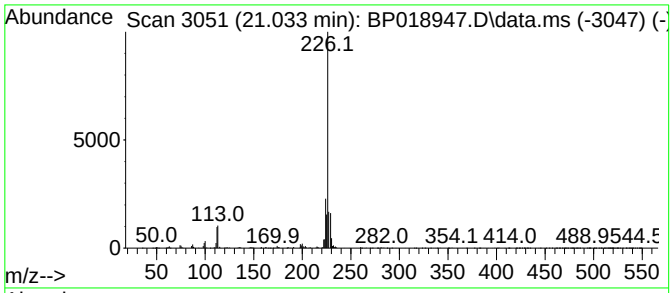
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

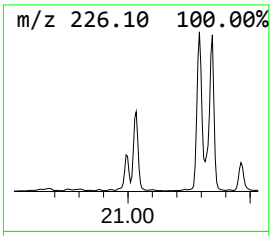
****

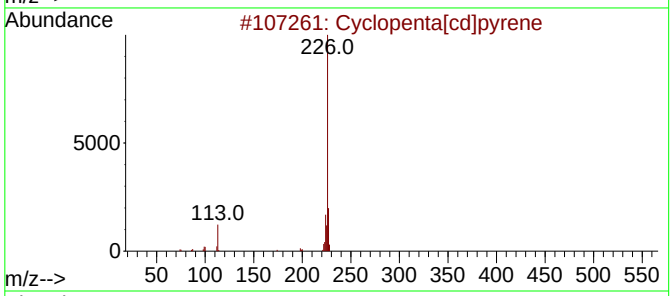
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 15

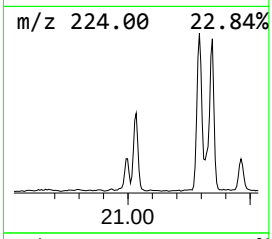
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	2.29 ng/ul	1095550	Chrysene-d12	21.310

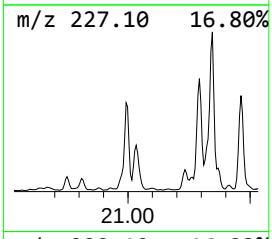
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50

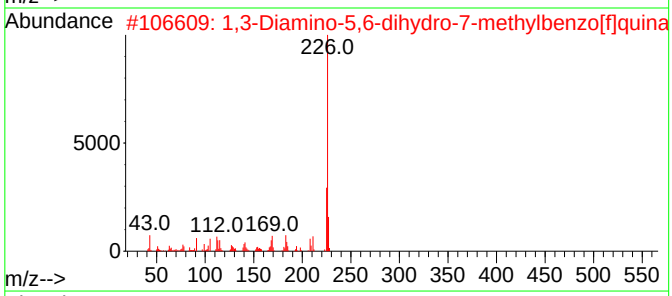


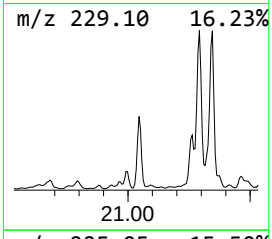


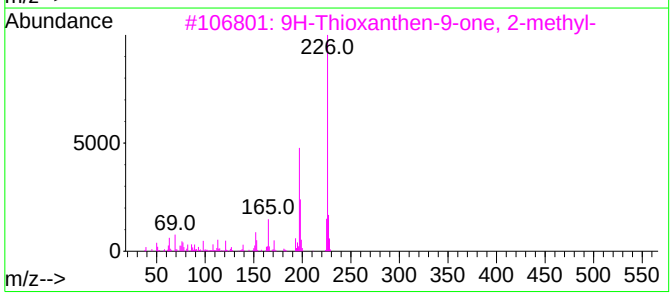


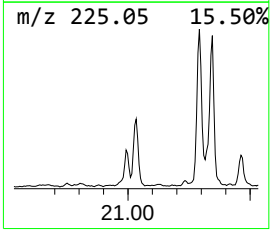












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

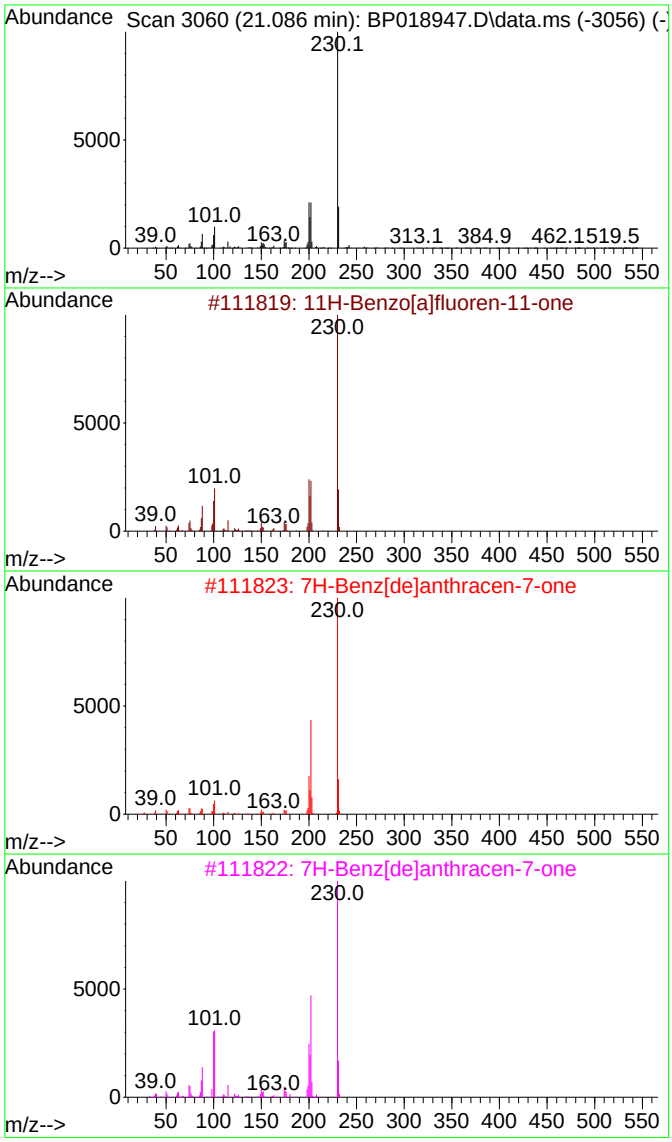
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

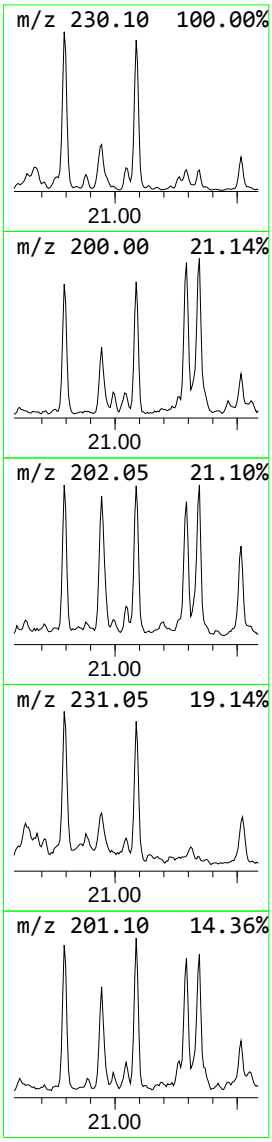
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.06 ng/ul	988170	Chrysene-d12	21.310

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	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
5	o-Terphenyl	230	C18H14	000084-15-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

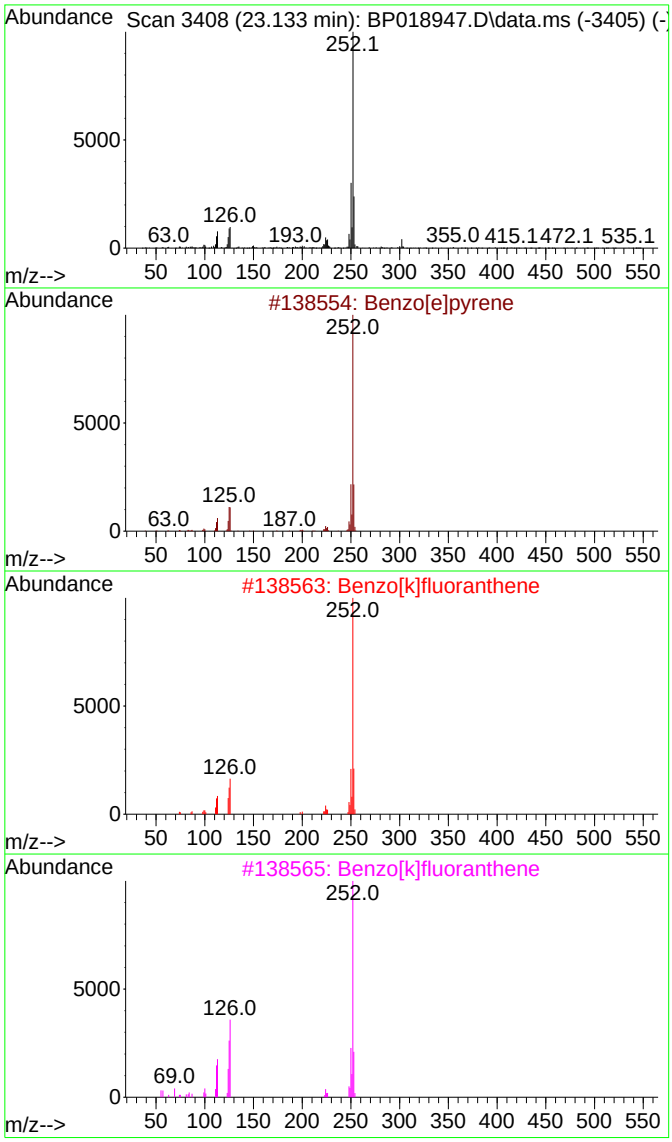
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

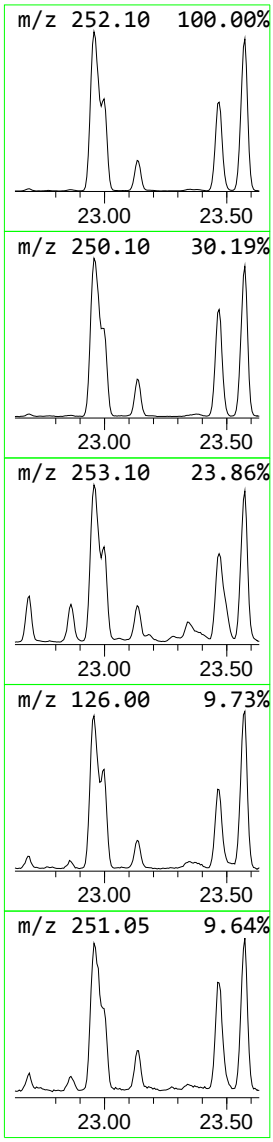
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.133	4.43 ng/ul	860246	Perylene-d12	23.674

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	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

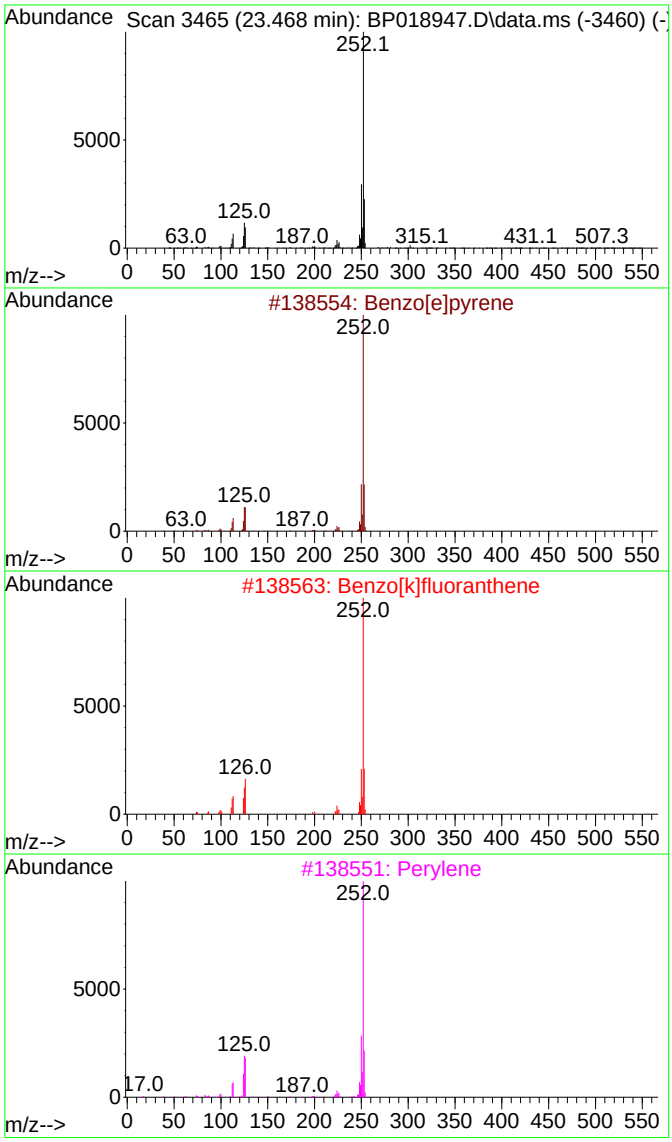
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

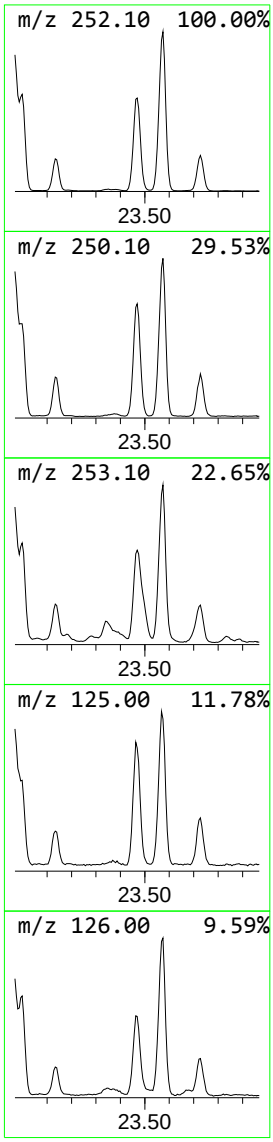
****

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.468	12.71 ng/ul	2465600	Perylene-d12	23.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018947.D
Acq On : 19 Dec 2023 14:33
Operator : MA/JU
Sample : 05794-14DL 2X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
9H-Fluoren-9-one	16.869	2.2	ng/ul	344949	4	17.210	3197600	20.0
Dibenzothiophene	17.028	2.9	ng/ul	455988	4	17.210	3197600	20.0
Anthracene, 2-m...	18.081	7.9	ng/ul	1269570	4	17.210	3197600	20.0
Phenanthrene, 2...	18.128	8.1	ng/ul	1288250	4	17.210	3197600	20.0
1H-Cyclopropa[l...	18.204	2.6	ng/ul	421680	4	17.210	3197600	20.0
4H-Cyclopenta[d...	18.269	10.8	ng/ul	1725020	4	17.210	3197600	20.0
1H-Indene, 2-ph...	18.304	3.6	ng/ul	573865	4	17.210	3197600	20.0
Naphthalene, 2-...	18.569	4.3	ng/ul	694078	4	17.210	3197600	20.0
9,10-Anthracene...	18.610	4.6	ng/ul	728415	4	17.210	3197600	20.0
Phenanthrene, 2...	18.969	4.3	ng/ul	685695	4	17.210	3197600	20.0
Cyclopenta(def)...	19.110	4.6	ng/ul	736499	4	17.210	3197600	20.0
Pyrene, 1-methyl-	19.892	2.4	ng/ul	1152050	5	21.310	9581280	20.0
11H-Benzo[b]flu...	20.057	2.4	ng/ul	1143920	5	21.310	9581280	20.0
Pyrene, 2-methyl-	20.216	2.1	ng/ul	1010190	5	21.310	9581280	20.0
Cyclopenta[cd]p...	21.033	2.3	ng/ul	1095550	5	21.310	9581280	20.0
11H-Benzo[a]flu...	21.086	2.1	ng/ul	988170	5	21.310	9581280	20.0
Benzo[e]pyrene	23.133	4.4	ng/ul	860246	6	23.674	3879900	20.0
Perylene	23.468	12.7	ng/ul	2465600	6	23.674	3879900	20.0