LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

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-BP072822.M
Title : SVOA CALIBRATION

Signal : TIC: BP011216.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.569	79	82	91	rVB	127886	176911	1.54%	0.120%
2	6.828	631	636	649	rVB	721198	1135672	9.89%	0.768%
3	6.992	659	664	673	rVB	552873	865427	7.54%	0.585%
4	7.181	690	696	707	rVB	721018	1130039	9.84%	0.764%
5	7.645	769	775	783	rVB	1154520	1759298	15.33%	1.190%
6	8.363	891	897	908	rBV	861919	1382063	12.04%	0.935%
7	8.810	967	973	986	rVB	712752	1162326	10.13%	0.786%
8	9.528	1088	1095	1103	rBV	534874	862785	7.52%	0.584%
9	10.063	1179	1186	1200	rBV	827292	1405262	12.24%	0.950%
10	10.439	1242	1250	1255	rBV	1616548	2658284	23.16%	1.798%
11	10.486	1255	1258	1265	rVB	92171	143215	1.25%	0.097%
12	10.586	1268	1275	1290	rVV	559928	990546	8.63%	0.670%
13	12.110	1529	1534	1541	rVB	93919	141740	1.23%	0.096%
14	12.333	1565	1572	1579	rVB	88118	137771	1.20%	0.093%
15	13.627	1785	1792	1797	rBV2	91957	169568	1.48%	0.115%
16	13.733	1805	1810	1825	rVV	1520497	2041489	17.79%	1.381%
17	14.004	1847	1856	1871	rBV	1748575	2579455	22.47%	1.745%
18	14.316	1898	1909	1914	rVV	2232744	3334332	29.05%	2.255%
19	14.374	1914	1919	1928	rVV	522283	778520	6.78%	0.527%
20	14.539	1940	1947	1957	rBV	509595	836958	7.29%	0.566%
21	14.716	1966	1977	1987	rVV	342436	583485	5.08%	0.395%
22	15.316	2072	2079	2084	rVV	2201818	3034174	26.43%	2.052%
23	15.369	2084	2088	2094	rVV	568956	819252	7.14%	0.554%
24	15.451	2097	2102	2107	rVV2	436089	677893	5.91%	0.458%
25	15.498	2107	2110	2113	rVV	94975	141692	1.23%	0.096%
26	15.533	2113	2116	2122	rVV4	121595	217483	1.89%	0.147%
27	15.668	2134	2139	2148	rVV	153120	240480	2.10%	0.163%
28	15.816	2159	2164	2172	rVV	161404	323093	2.81%	0.219%
29	16.386	2249	2261	2265	rBV3	127306	336652	2.93%	0.228%
30	16.657	2303	2307	2310	rVV2	103760	159608	1.39%	0.108%
31	16.739	2315	2321	2328	rVV	472819	700858	6.11%	0.474%
32	16.833	2328	2337	2344	rVV4	110059	343385	2.99%	0.232%
33	16.898	2344	2348	2358	rVB	323291	486231	4.24%	0.329%
34	17.080	2373	2379	2383	rBV	2491737	3764297	32.79%	2.546%
35	17.127	2383	2387	2392	rVV	5678870	7860588	68.48%	5.316%
36	17.186	2392	2397	2400	rVV	2310595	3410464	29.71%	2.307%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

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-BP072822.M
Title : SVOA CALIBRATION

37	17.215	2400	2402	2408	rVV	1235064	1495127	13.03%	1.011%
38	17.280	2408	2413	2419	rVB4	96042	174087	1.52%	0.118%
39	17.498	2440	2450	2460	rBV	1119423	1863540	16.23%	1.260%
40	17.610	2465	2469	2475	rBV3	88104	154026	1.34%	0.104%
41	17.674	2475	2480	2489	rVB4	139468	243370	2.12%	0.165%
42	17.962	2520	2529	2532	rBV	707271	993671	8.66%	0.672%
43	18.010	2532	2537	2543	rVB	1019227	1427827	12.44%	0.966%
44	18.086	2543	2550	2555	rBV2	320876	502966	4.38%	0.340%
45	18.151	2555	2561	2565	rBV2	870164	1531133	13.34%	1.036%
46	18.186	2565	2567	2573	rVB	434635	480026	4.18%	0.325%
47	18.262	2576	2580	2584	rBV2	135857	211296	1.84%	0.143%
48	18.304	2584	2587	2591	rVV2	166014	209625	1.83%	0.142%
49	18.392	2599	2602	2608	rVB3	84678	134826	1.17%	0.091%
50	18.451	2608	2612	2616	rBV	513547	656964	5.72%	0.444%
51	18.492	2616	2619	2624	rVB	597101	768685	6.70%	0.520%
52	18.692	2649	2653	2657	rBV2	176416	224565	1.96%	0.152%
53	18.739	2657	2661	2664	rVB2	167234	191450	1.67%	0.129%
54	18.780	2664	2668	2672	rVB	158210	182303	1.59%	0.123%
55	18.857	2676	2681	2686	rBV2	386352	682249	5.94%	0.461%
56	18.915	2686	2691	2694	rVV3	200503	395469	3.45%	0.267%
57	18.951	2694	2697	2700	rVV	137148	168851	1.47%	0.114%
58	18.998	2700	2705	2712	rVB	481203	803150	7.00%	0.543%
59	19.115	2719	2725	2732	rVB	7769162	10093372	87.93%	6.826%
60	19.180	2733	2736	2739	rBV	140880	172637	1.50%	0.117%
61	19.215	2739	2742	2746	rVB2	194543	241711	2.11%	0.163%
62	19.315	2753	2759	2761	rBV3	154907	269282	2.35%	0.182%
63	19.351	2762	2765	2769	rVV	286360	435506	3.79%	0.295%
64	19.386	2769	2771	2775	rVV3	108942	146331	1.27%	0.099%
65	19.445	2775	2781	2783	rVV2	3906523	5948840	51.83%	4.023%
66	19.474	2783	2786	2793	rVV	5423532	6975801	60.77%	4.718%
67	19.539	2793	2797	2804	rVB3	406527	603788	5.26%	0.408%
68	19.645	2811	2815	2820	rBV	385625	491961	4.29%	0.333%
69	19.709	2822	2826	2831	rVB	408072	573294	4.99%	0.388%
70	19.786	2834	2839	2846	rBV4	531850	1253105	10.92%	0.847%
71	19.845	2846	2849	2852	rBV	197747	217289	1.89%	0.147%
72	19.921	2857	2862	2864	rBV3	437807	736815	6.42%	0.498%
73	19.957	2865	2868	2872	rVB2	837045	1040214	9.06%	0.704%
74	20.056	2881	2885	2888	rBV	513598	625473	5.45%	0.423%
75	20.109	2888	2894	2898	rVV3	737590	1263211	11.00%	0.854%
76	20.151	2898	2901	2905	rVV	403886	469424	4.09%	0.317%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

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-BP072822.M
Title : SVOA CALIBRATION

77	20.192	2905	2908	2911	rVV2	180125	204221	1.78%	0.138%
78	20.227	2911	2914	2915	rBV	178126	165748	1.44%	0.112%
79	20.251	2915	2918	2921	rVB	324052	391000	3.41%	0.264%
80	20.298	2922	2926	2930	rBV2	328931	450997	3.93%	0.305%
81	20.692	2989	2993	3000	rVB	1308154	1634372	14.24%	1.105%
82	20.856	3015	3021	3025	rBV2	1061966	1815471	15.82%	1.228%
83	20.898	3025	3028	3031	rVV	682360	836787	7.29%	0.566%
84	20.939	3031	3035	3039	rVV3	863407	1663935	14.50%	1.125%
85	20.992	3040	3044	3054	rVB	1183433	1771400	15.43%	1.198%
86	21.098	3059	3062	3066	rVV	257665	372653	3.25%	0.252%
87	21.203	3070	3080	3084	rVV3	5486390	11478707	100.00%	7.763%
88	21.245	3084	3087	3097	rVB	3740901	5107398	44.49%	3.454%
89	21.362	3104	3107	3114	rBV2	491869	752079	6.55%	0.509%
90	21.533	3131	3136	3140	rBV2	721626	1057389	9.21%	0.715%
91	21.574	3141	3143	3147	rVB3	243838	249247	2.17%	0.169%
92	21.774	3174	3177	3181	rVB	782041	1006442	8.77%	0.681%
93	21.827	3182	3186	3191	rVV2	501577	738884	6.44%	0.500%
94	22.845	3353	3359	3364	rBV	3112131	7054747	61.46%	4.771%
95	23.021	3386	3389	3395	rVB	453914	669488	5.83%	0.453%
96	23.350	3439	3445	3449	rBV	1616786	3034394	26.43%	2.052%
97	23.403	3449	3454	3458	rVV2	1673504	3123106	27.21%	2.112%
98	23.450	3458	3462	3470	rVB	2345213	4478543	39.02%	3.029%
99	23.556	3474	3480	3485	rBV2	1889856	3631577	31.64%	2.456%
100	25.974	3884	3891	3903	rVB3	1377887	4328290	37.71%	2.927%

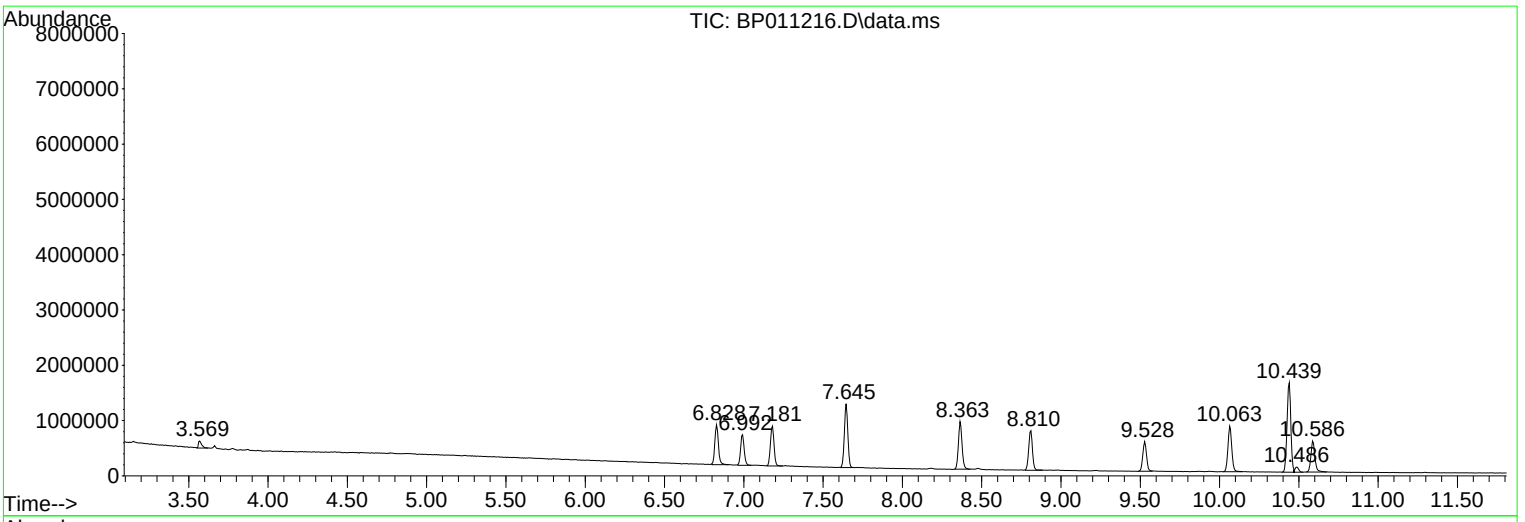
Sum of corrected areas: 147861431

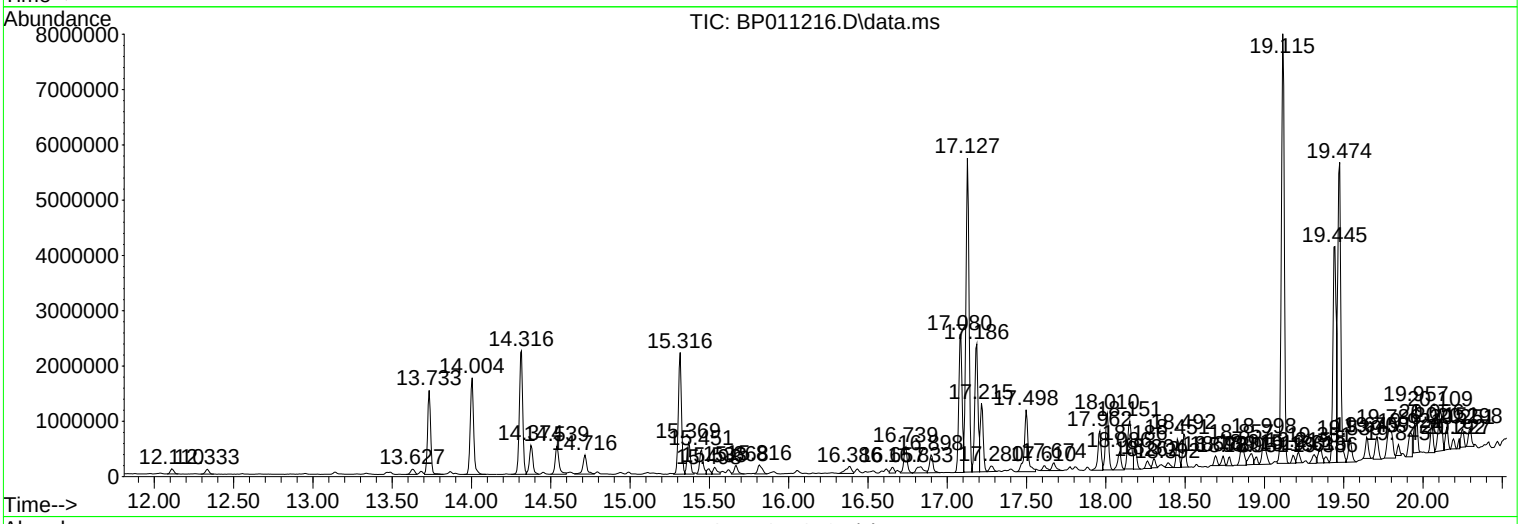
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

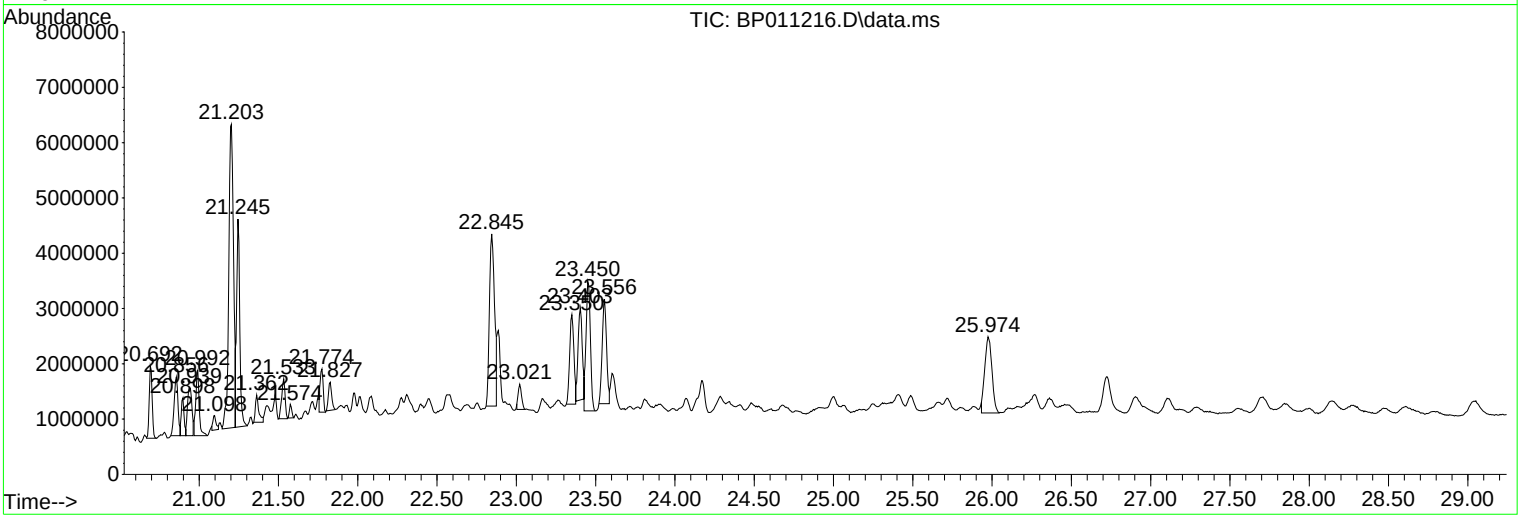
Instrument :
BNA_P
ClientSampleId :
DBUK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

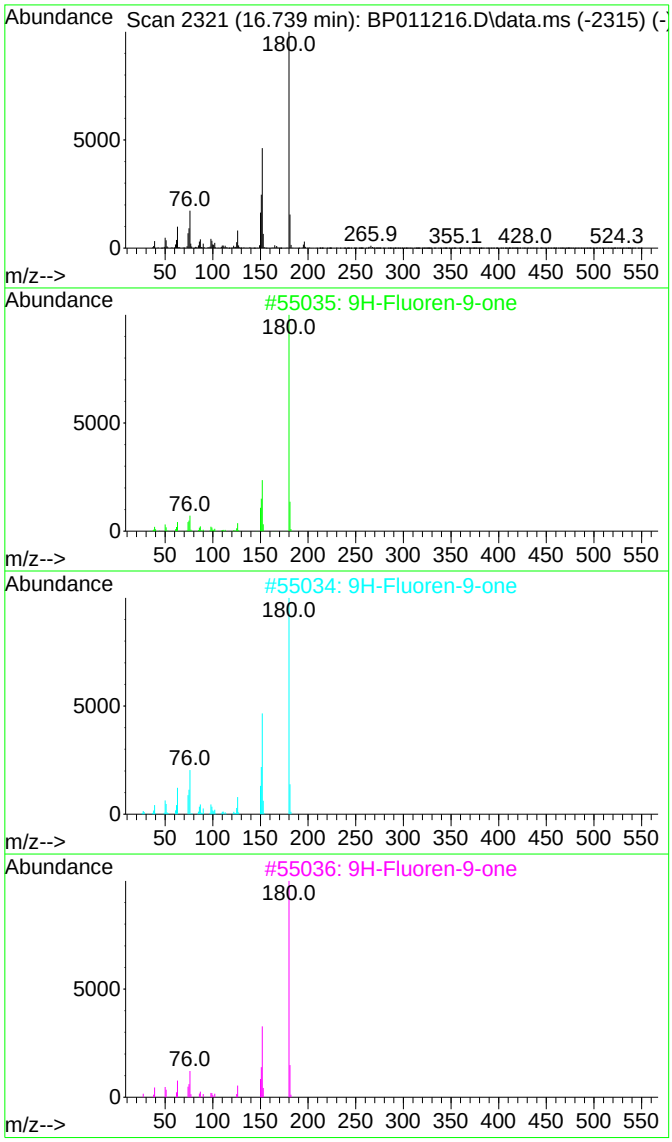
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

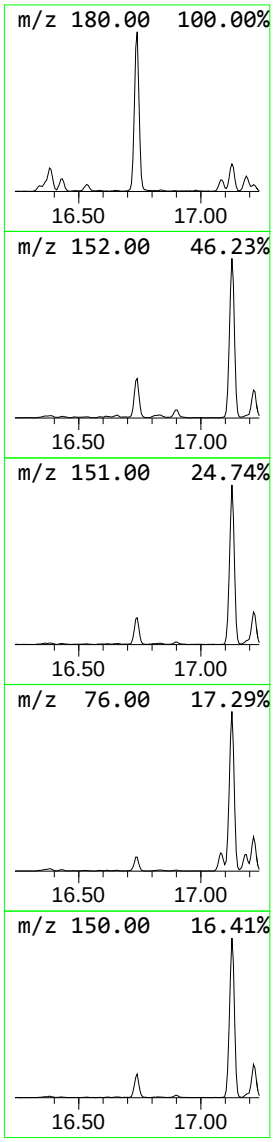
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.739	3.72 ng/ul	700858	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

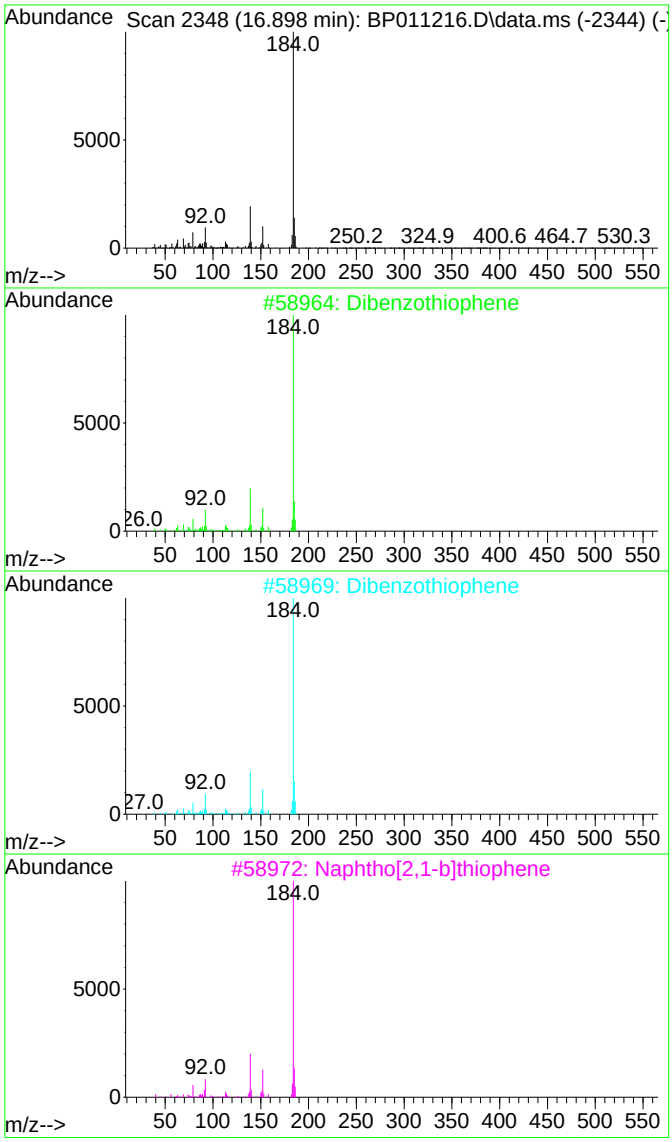
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

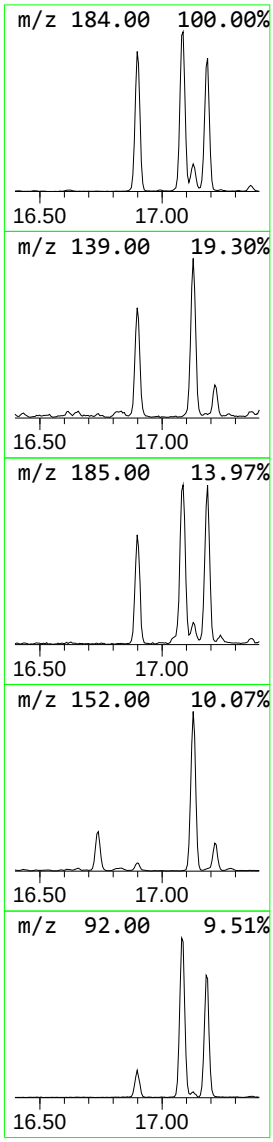
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	2.58 ng/ul	486231	Phenanthrene-d10	17.086

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	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

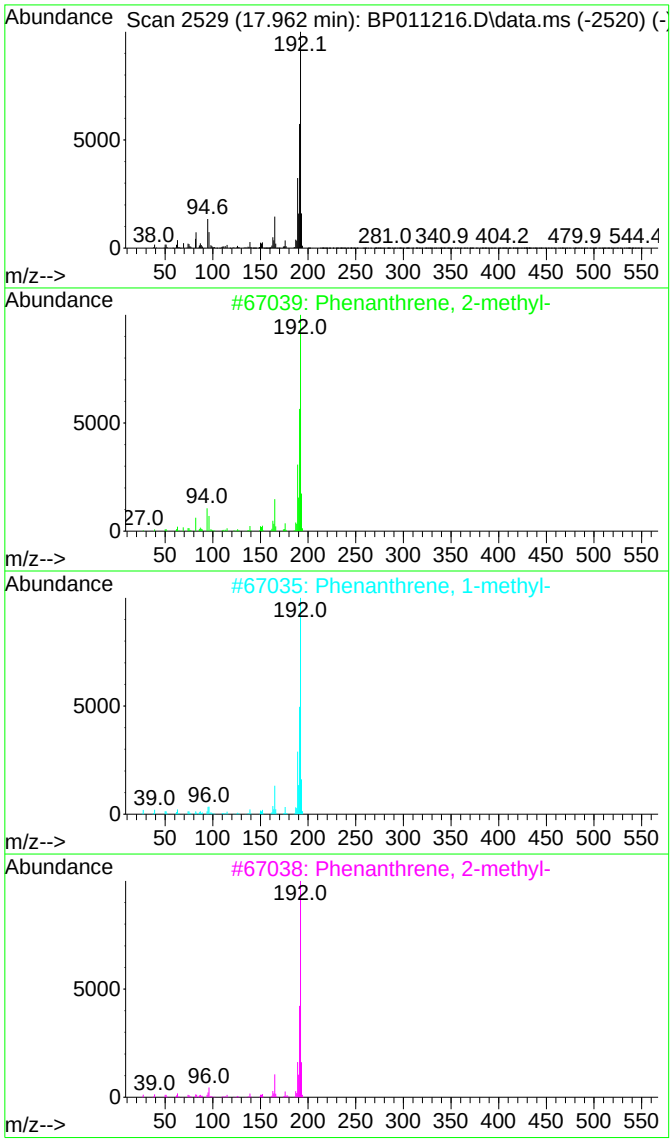
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

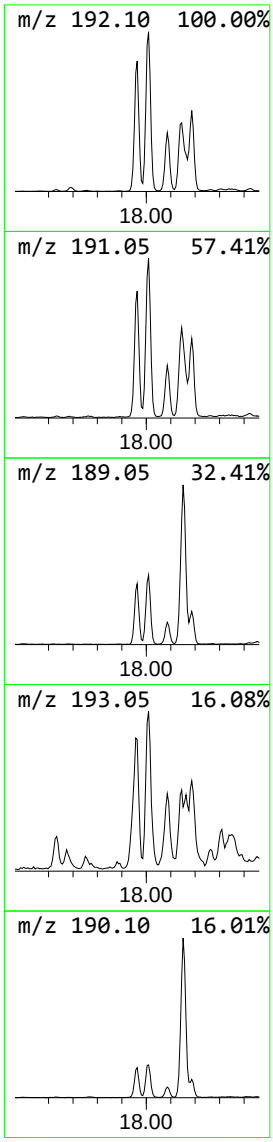
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	5.28 ng/ul	993671	Phenanthrene-d10	17.086

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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

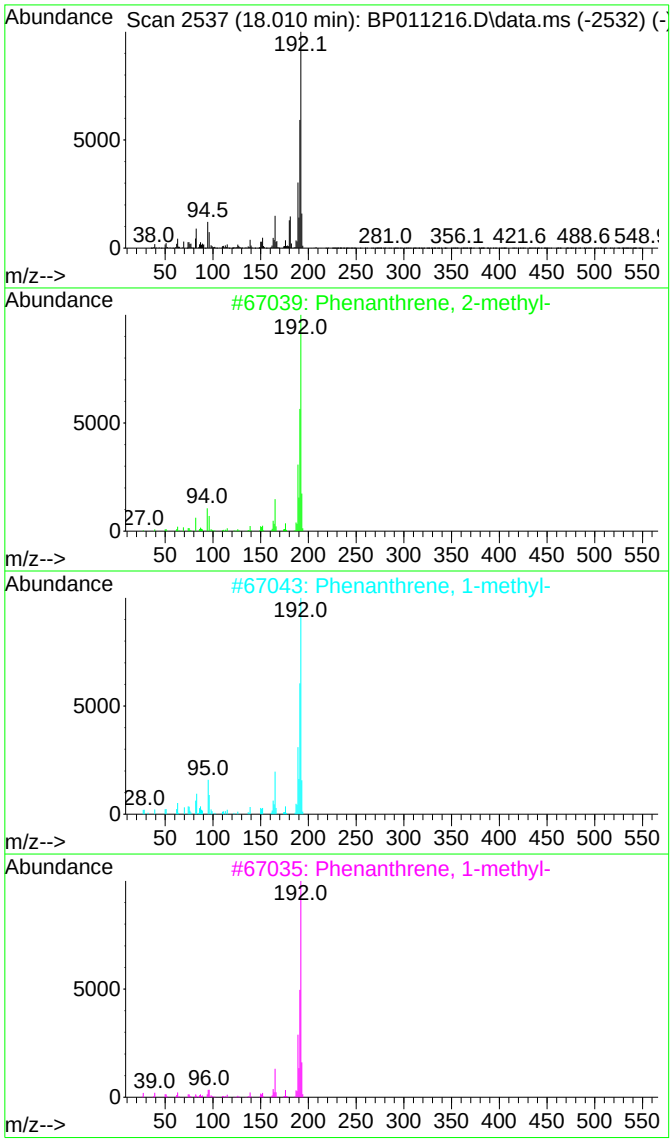
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

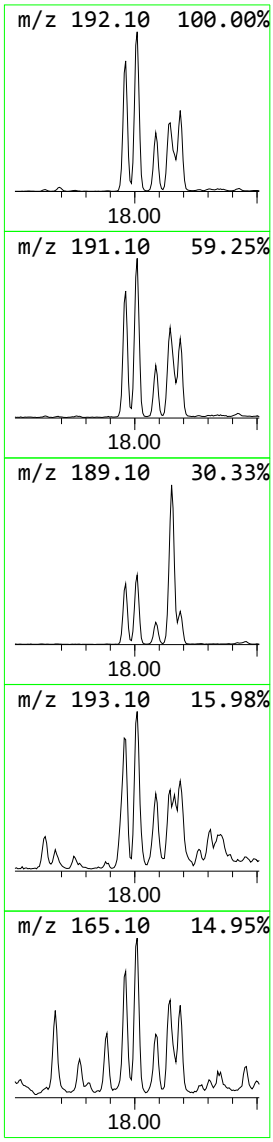
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.009	7.59 ng/ul	1427830	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

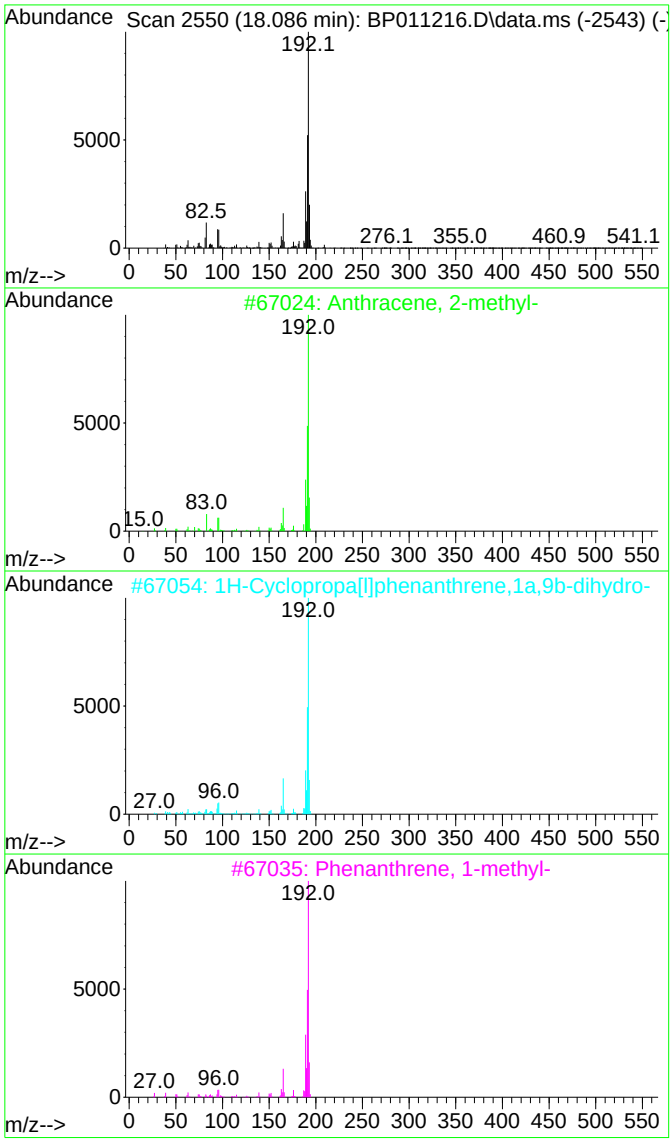
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

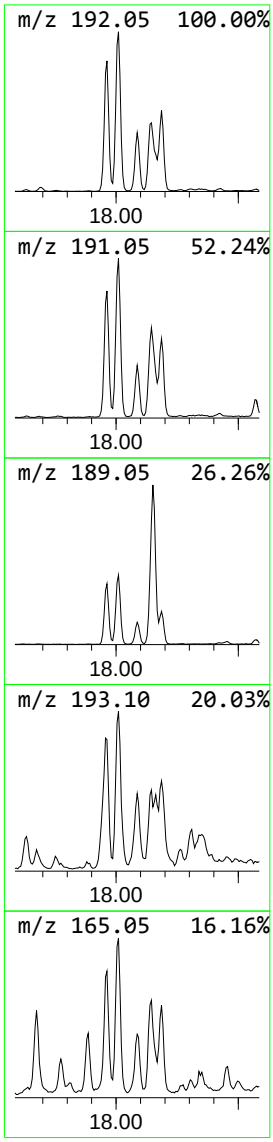
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	2.67 ng/ul	502966	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

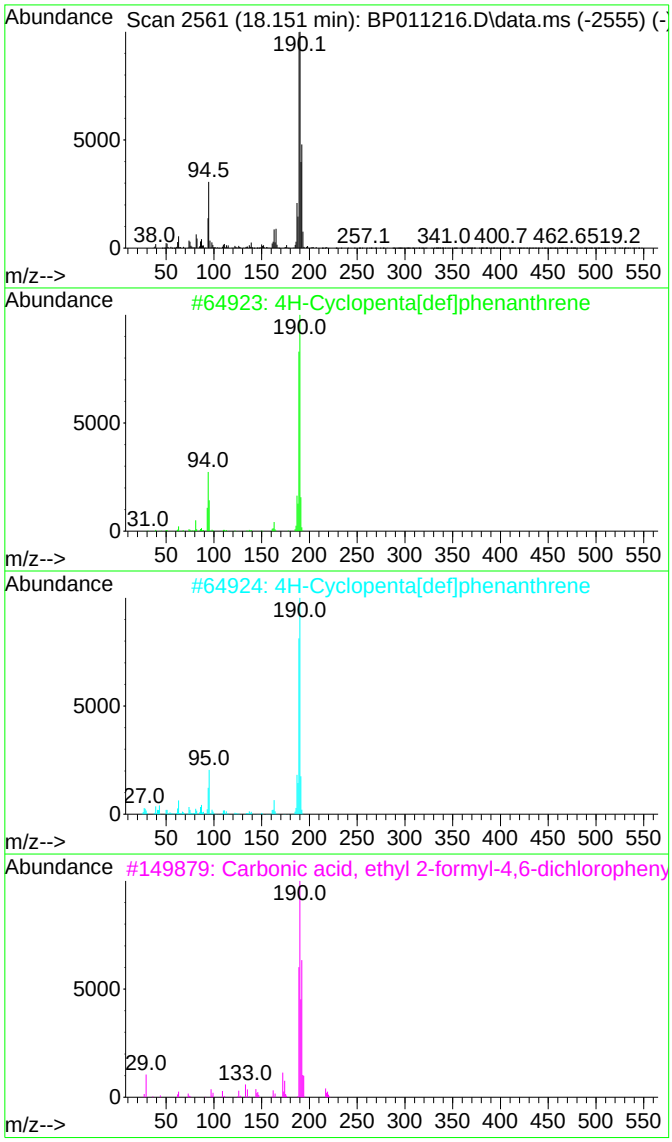
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

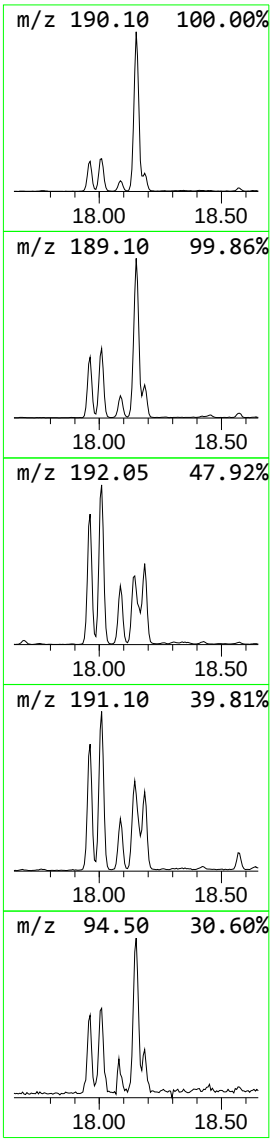
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	8.14 ng/ul	1531130	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





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Operator : CG/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

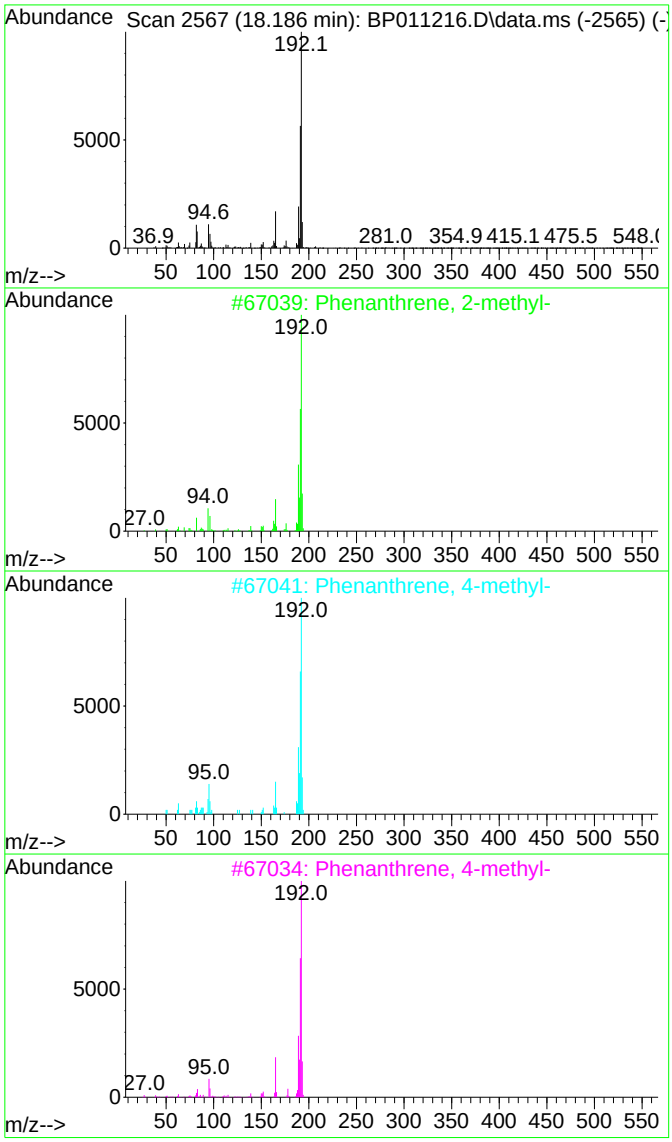
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

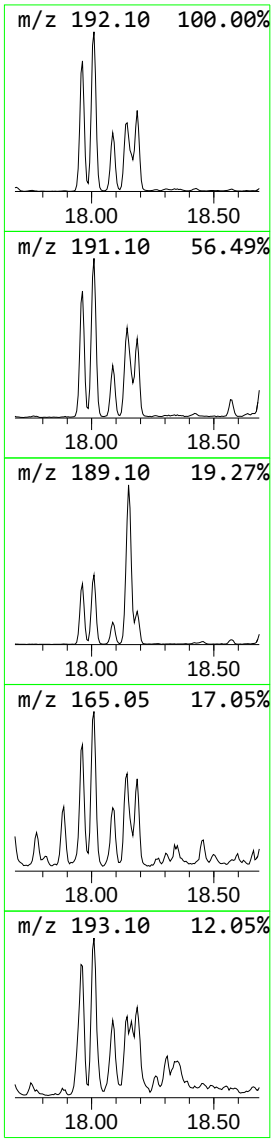
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	2.55 ng/ul	480026	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68





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Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

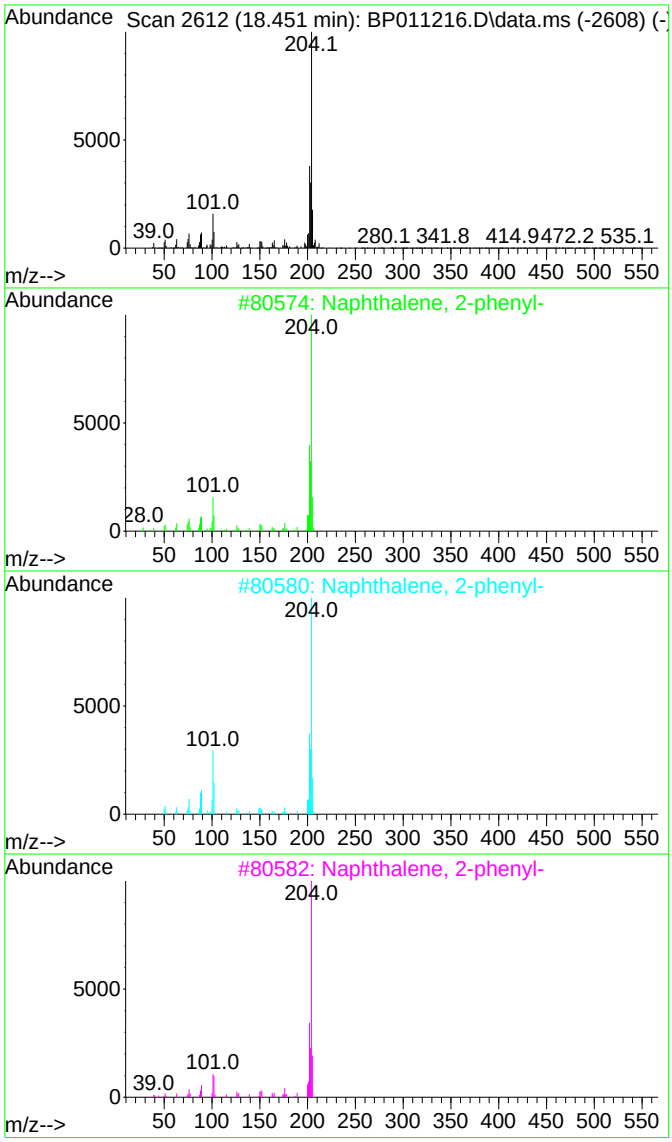
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

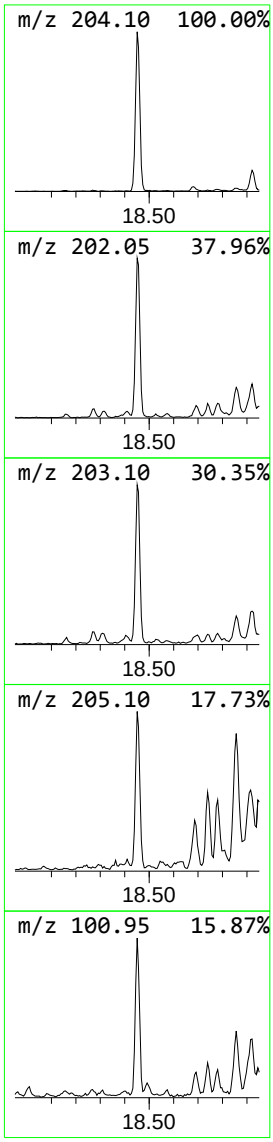
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.49 ng/ul	656964	Phenanthrene-d10	17.086

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	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

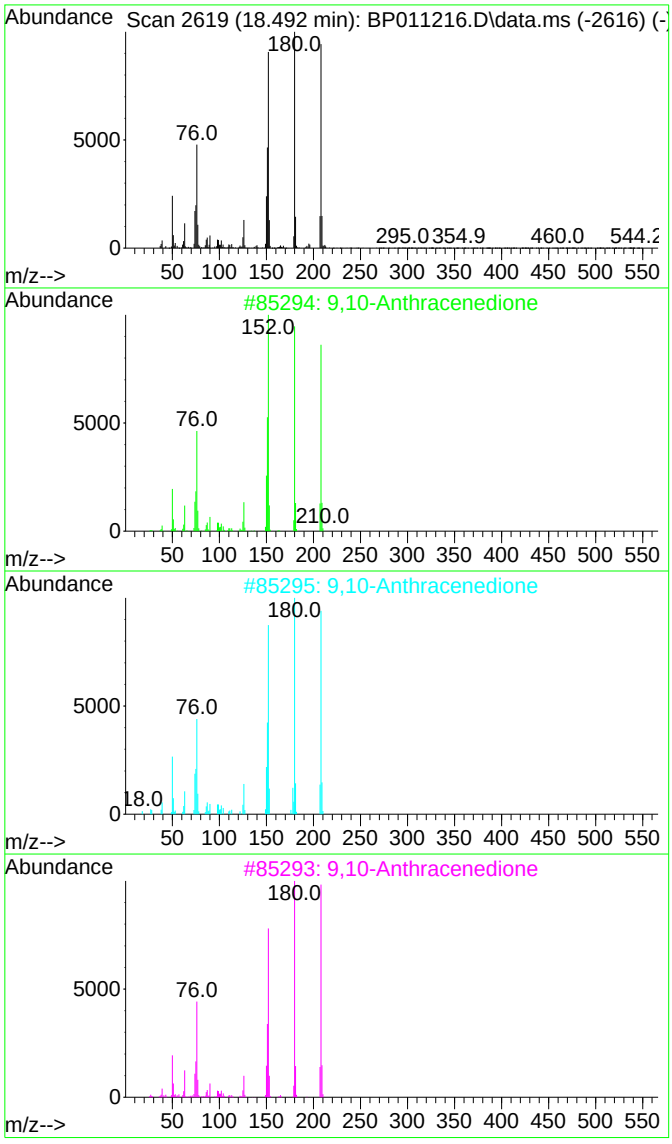
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

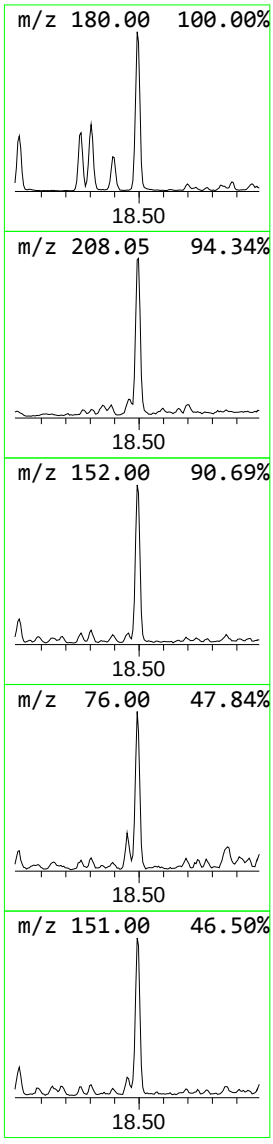
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	4.08 ng/ul	768685	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

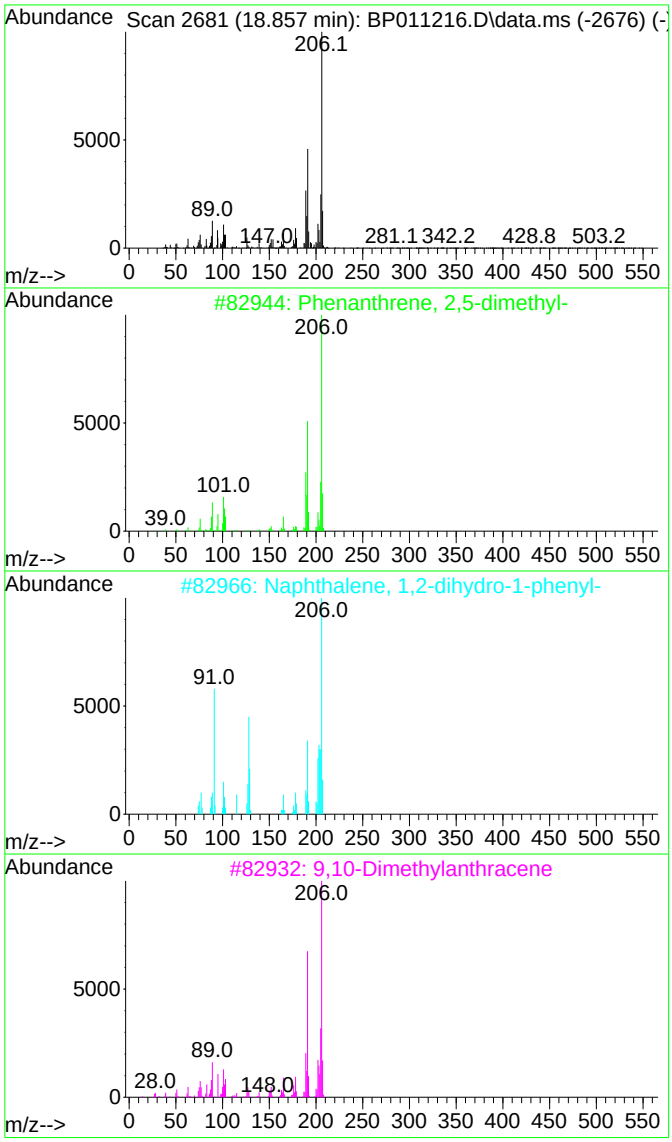
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

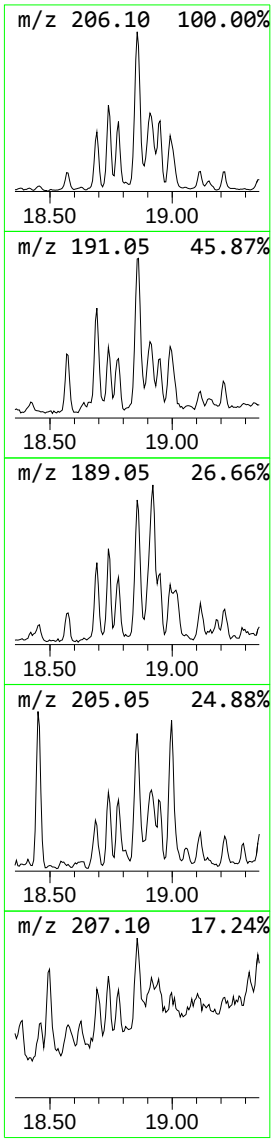
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	3.62 ng/ul	682249	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

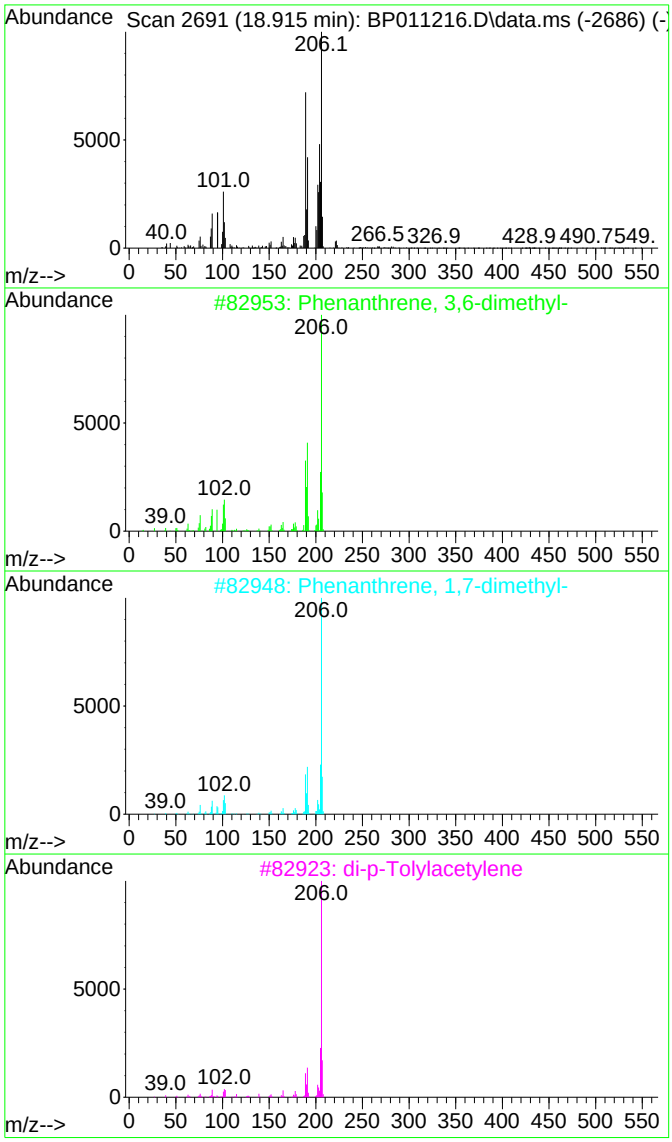
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

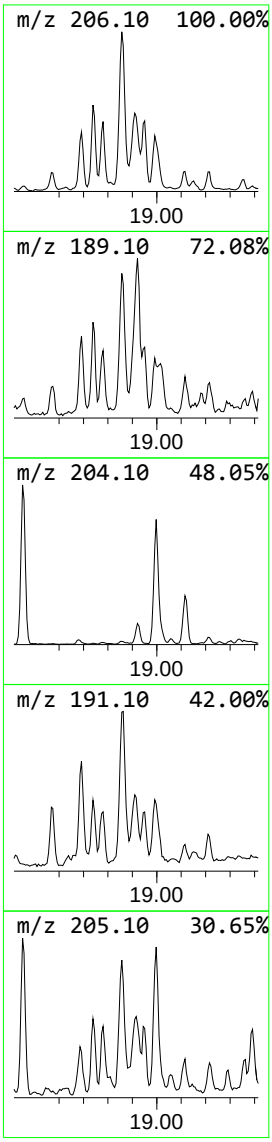
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.915	2.10 ng/ul	395469	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	47
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	43





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Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

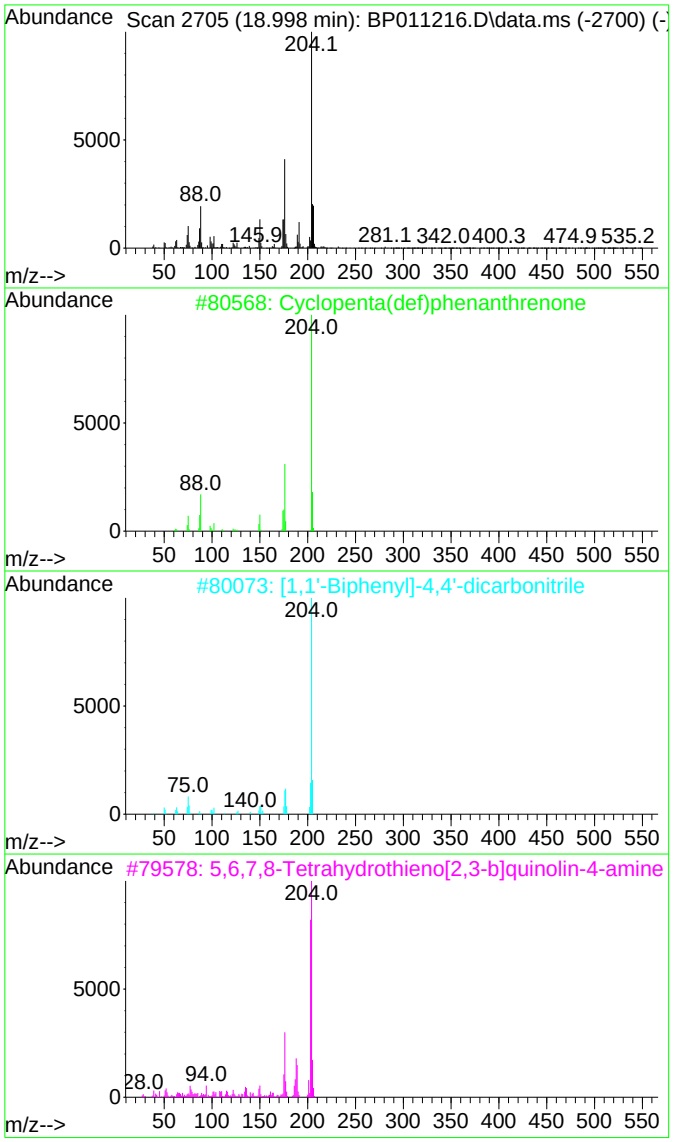
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

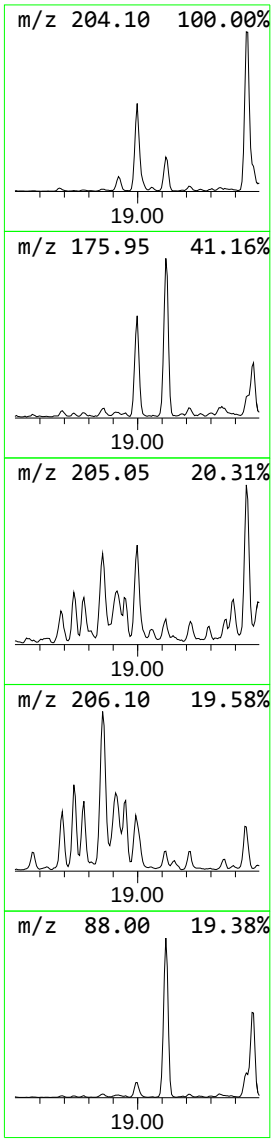
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	4.27 ng/ul	803150	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	38





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

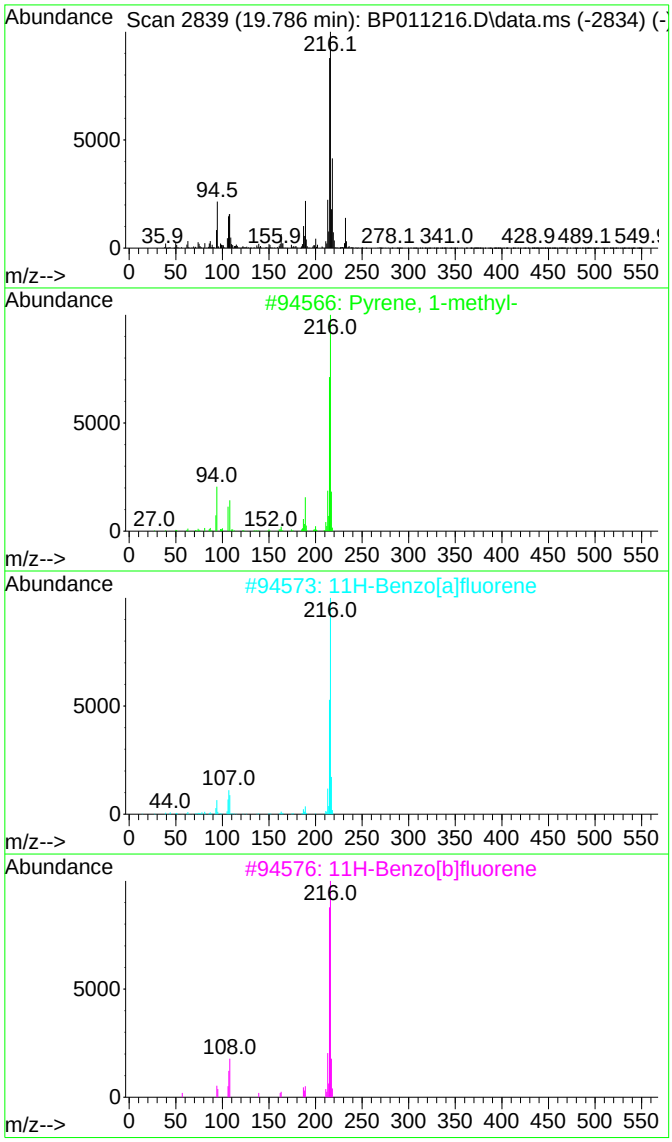
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

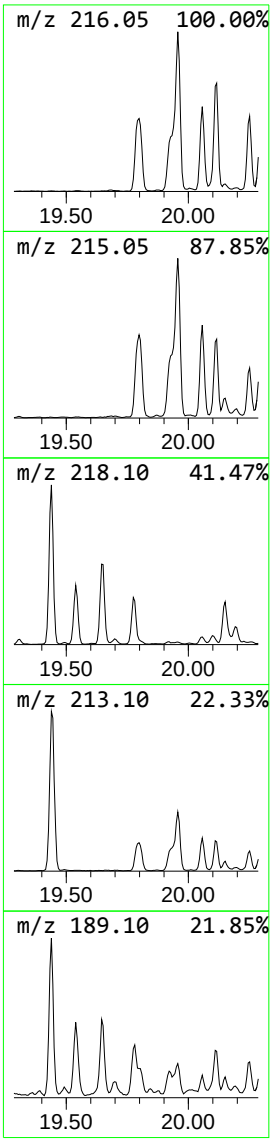
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.786	2.18 ng/ul	1253110	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62





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Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

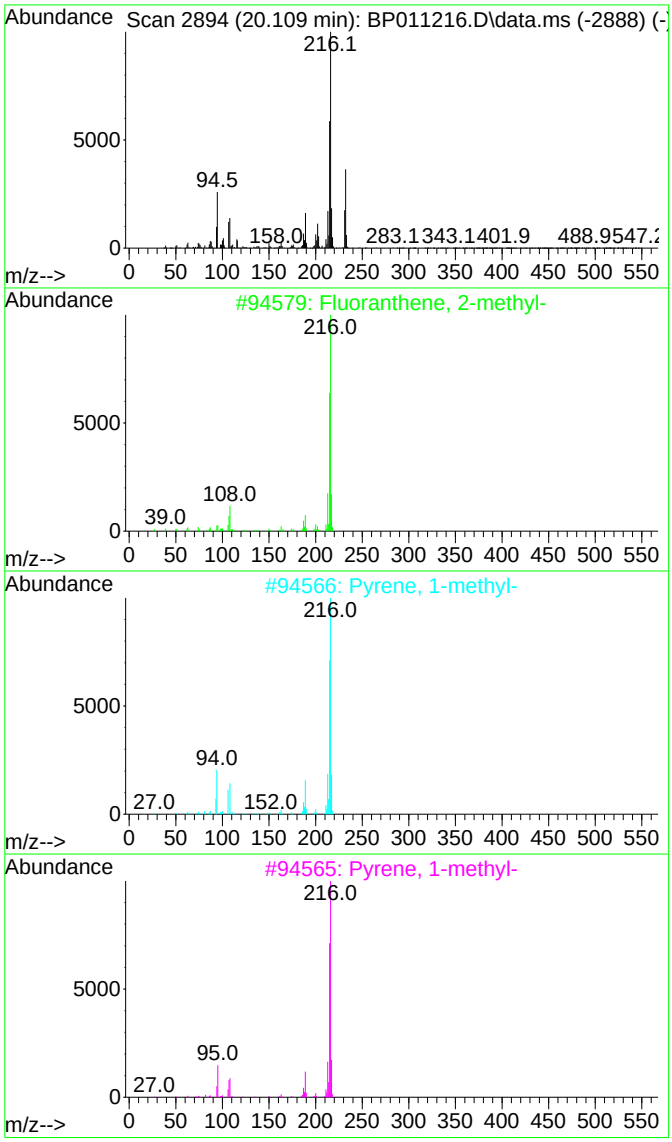
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

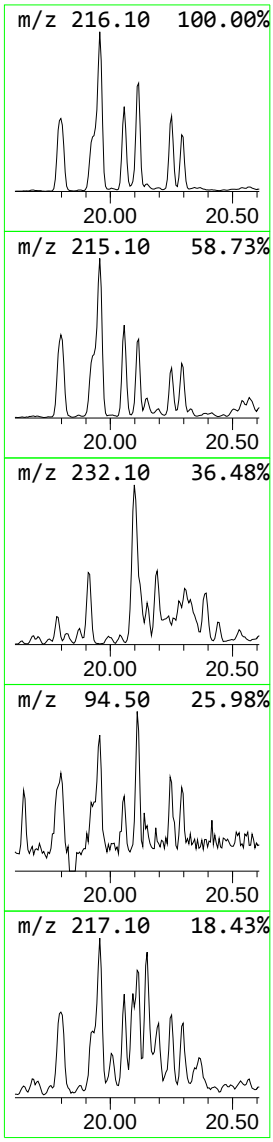
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.109	2.20 ng/ul	1263210	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

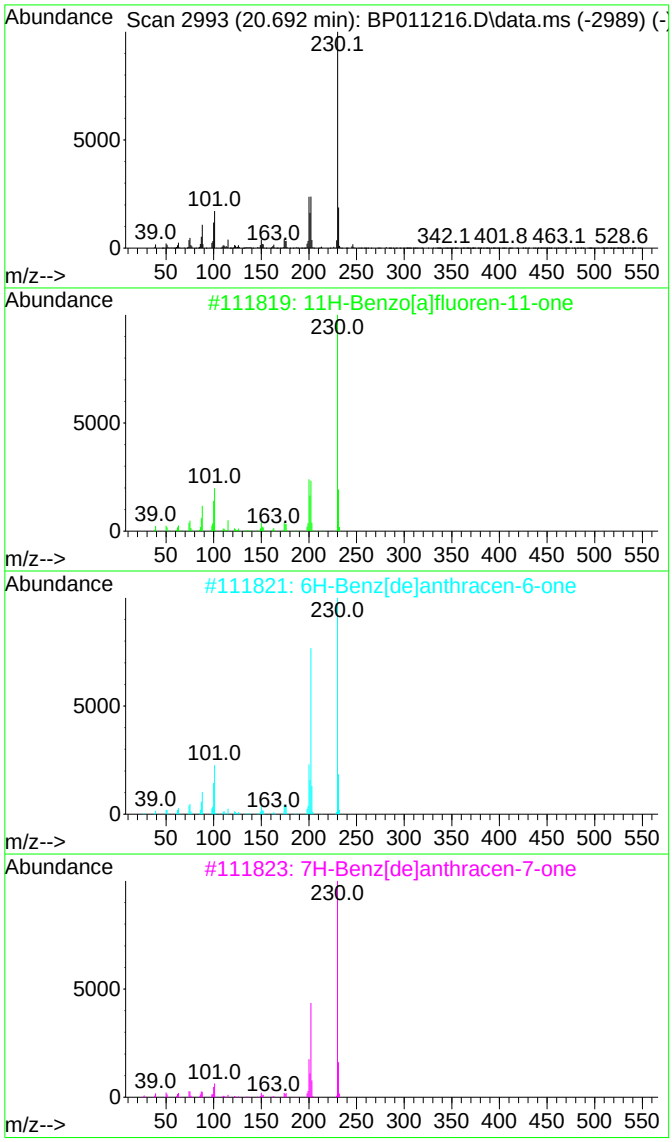
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

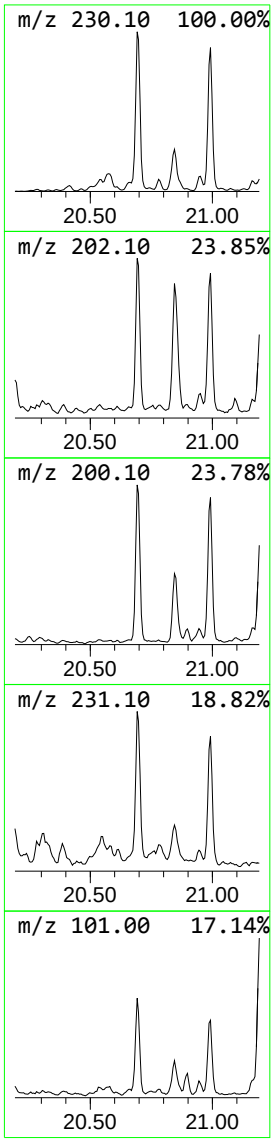
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.692	2.85 ng/ul	1634370	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

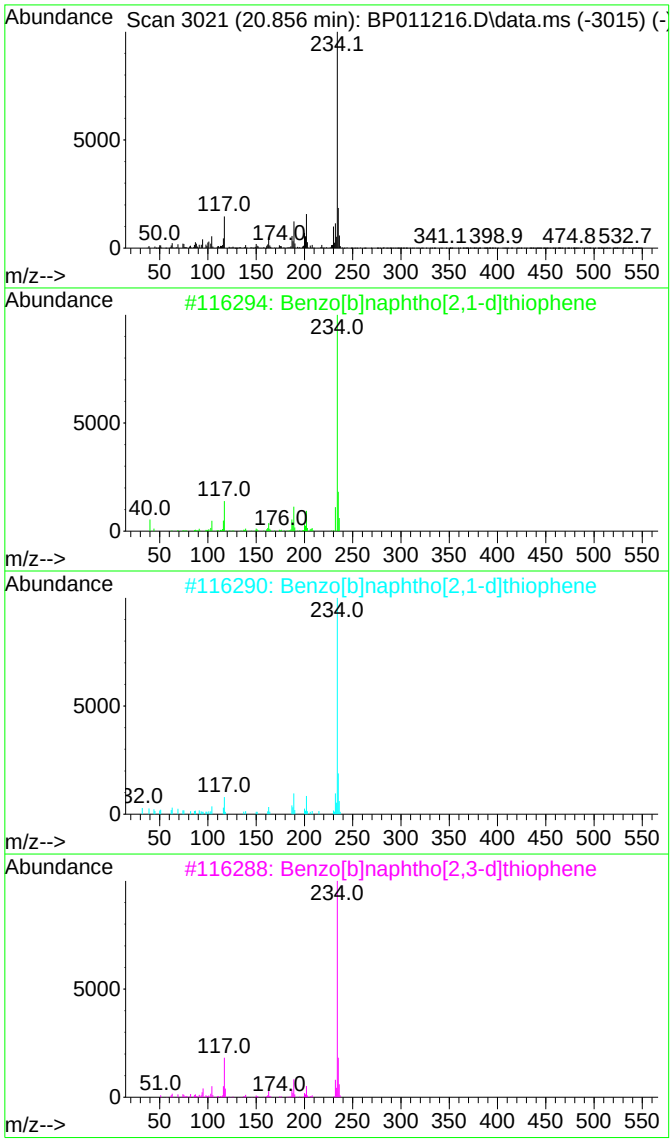
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

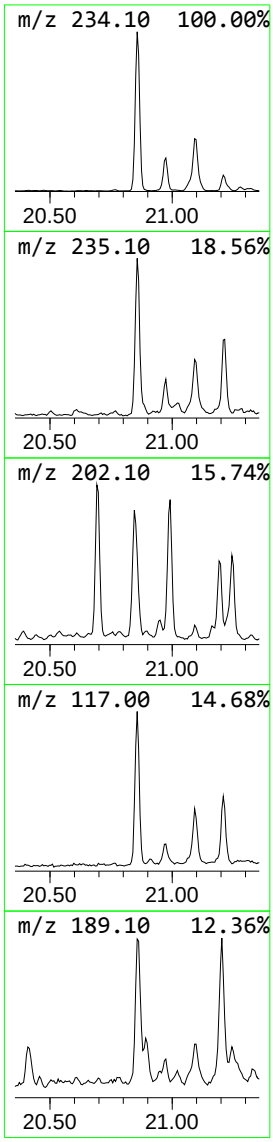
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.857	3.16 ng/ul	1815470	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90





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Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

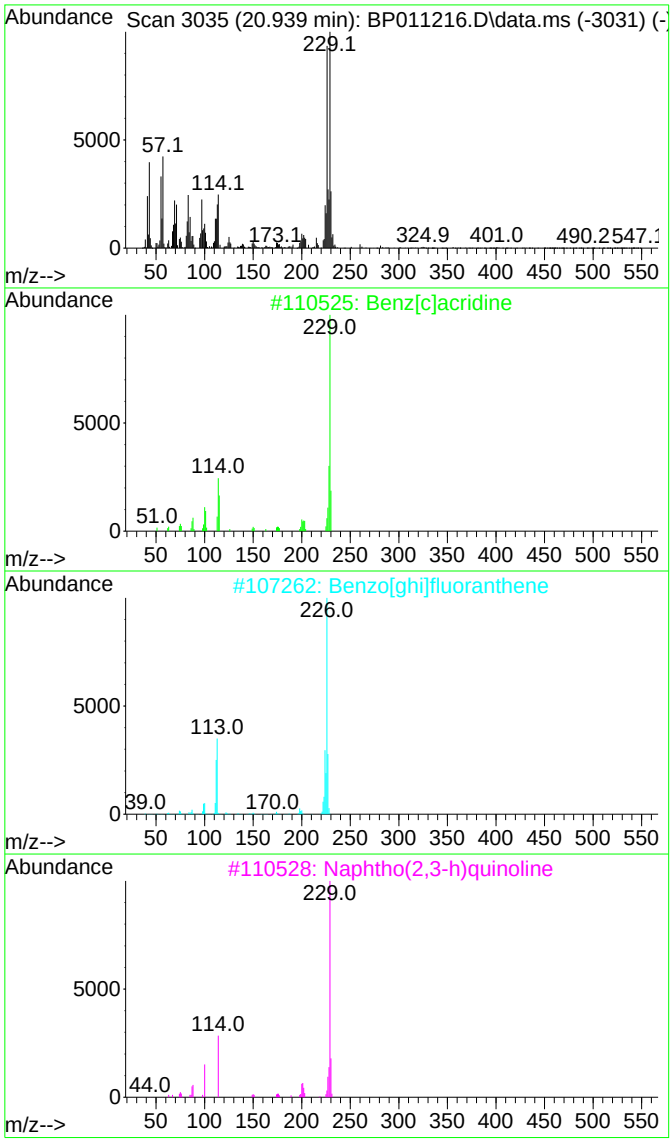
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

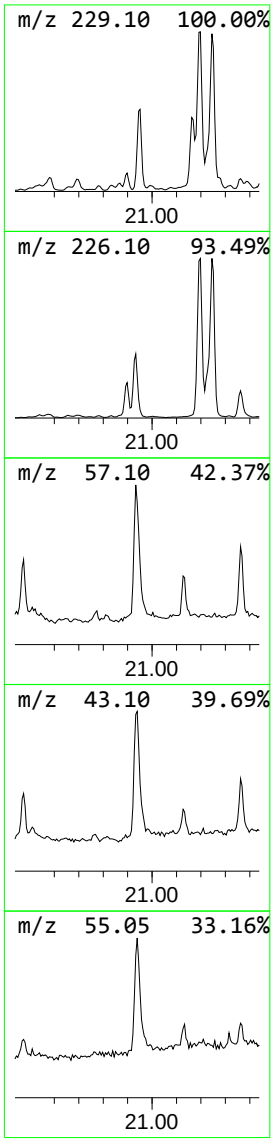
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz[c]acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	2.90 ng/ul	1663940	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	86
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	42
3	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
5	Benzo(a)acridine	229	C17H11N	000225-11-6	35





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Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

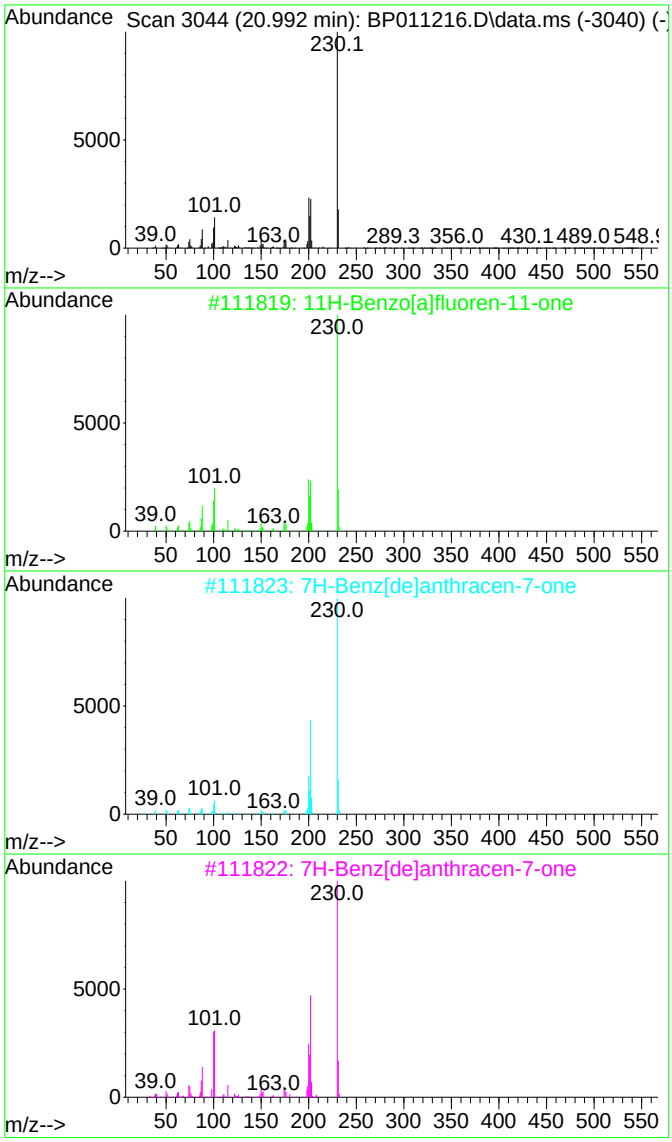
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

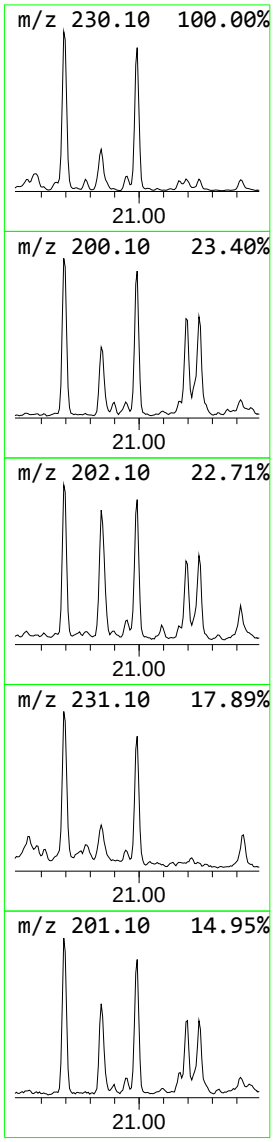
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	3.09 ng/ul	1771400	Chrysene-d12	21.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
5	o-Terphenyl	230	C18H14	000084-15-1	59





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Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

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

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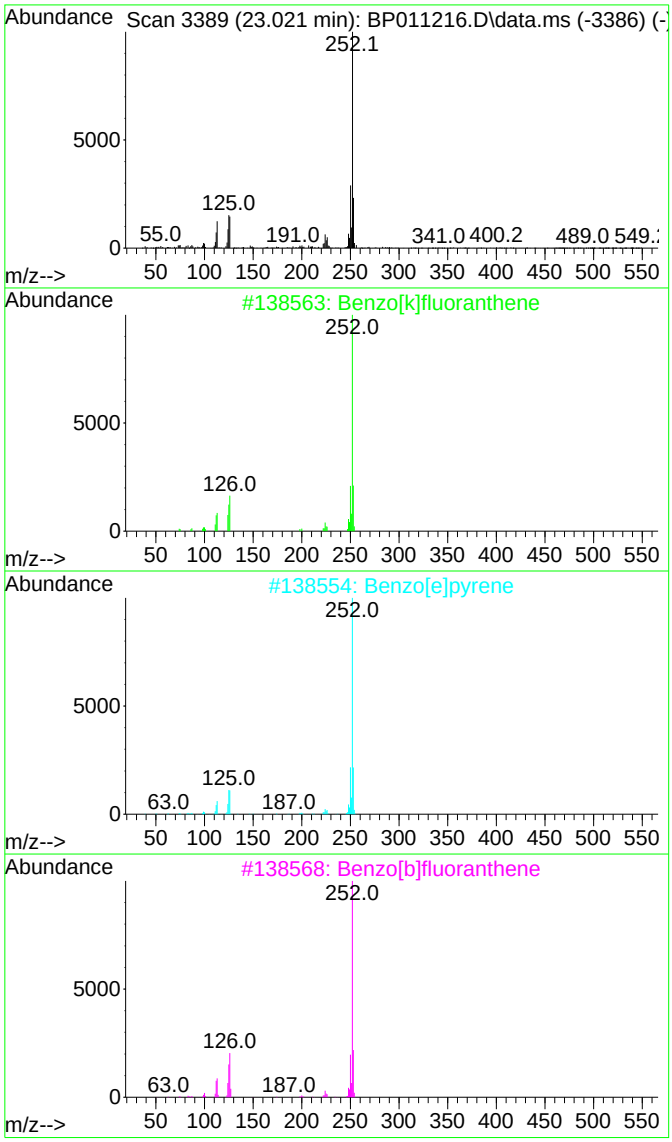
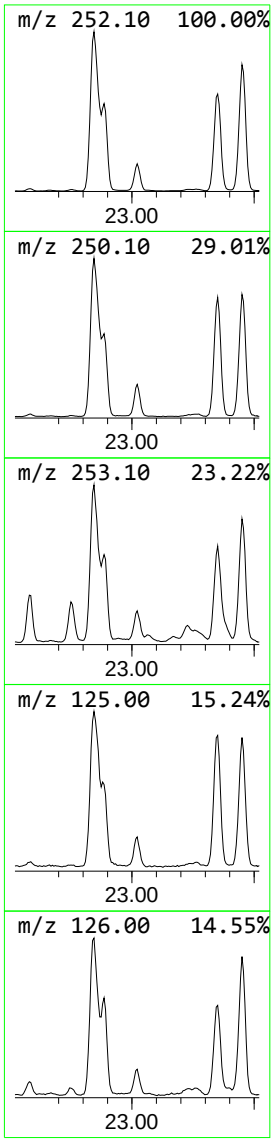
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.021	3.69 ng/ul	669488	Perylene-d12	23.556

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[e]pyrene	252	C20H12	000192-97-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
Quant Title : SVOA CALIBRATION

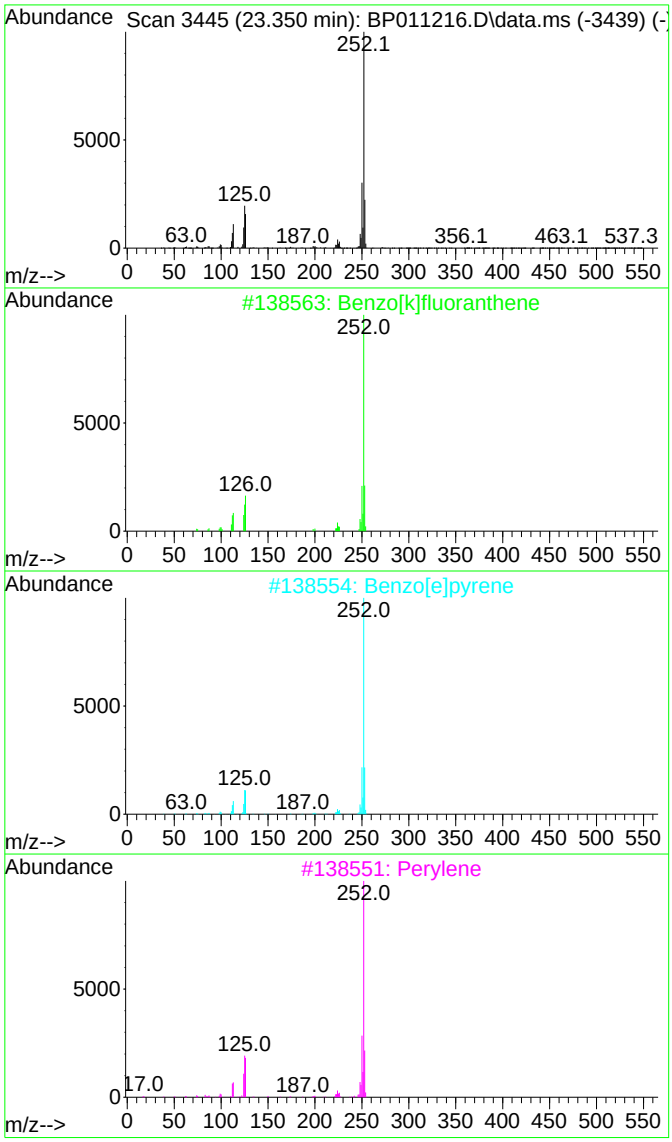
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

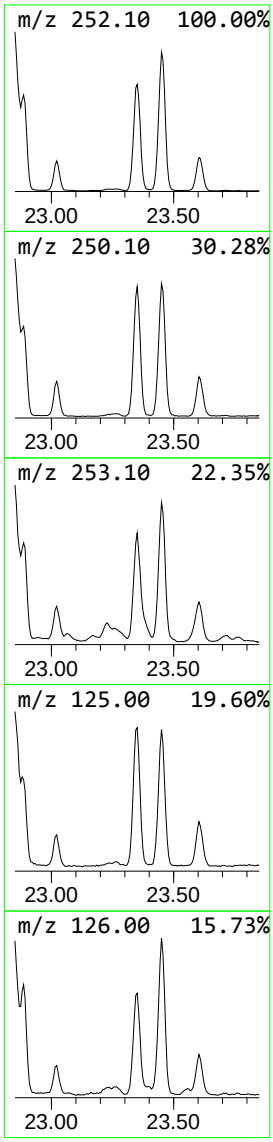
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.350	16.71 ng/ul	3034390	Perylene-d12	23.556

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	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
Data File : BP011216.D
Acq On : 02 Aug 2022 01:04
Operator : CG/JU
Sample : N3790-08DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBUK4DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.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	16.739	3.7	ng/ul	700858	4	17.086	3764300	20.0
Dibenzothiophene	16.898	2.6	ng/ul	486231	4	17.086	3764300	20.0
Phenanthrene, 2...	17.962	5.3	ng/ul	993671	4	17.086	3764300	20.0
Phenanthrene, 1...	18.009	7.6	ng/ul	1427830	4	17.086	3764300	20.0
Anthracene, 2-m...	18.086	2.7	ng/ul	502966	4	17.086	3764300	20.0
4H-Cyclopenta[d...	18.151	8.1	ng/ul	1531130	4	17.086	3764300	20.0
Phenanthrene, 4...	18.186	2.5	ng/ul	480026	4	17.086	3764300	20.0
Naphthalene, 2-...	18.451	3.5	ng/ul	656964	4	17.086	3764300	20.0
9,10-Anthracene...	18.492	4.1	ng/ul	768685	4	17.086	3764300	20.0
Phenanthrene, 2...	18.857	3.6	ng/ul	682249	4	17.086	3764300	20.0
Phenanthrene, 3...	18.915	2.1	ng/ul	395469	4	17.086	3764300	20.0
Cyclopenta(def)...	18.998	4.3	ng/ul	803150	4	17.086	3764300	20.0
Pyrene, 1-methyl-	19.786	2.2	ng/ul	1253110	5	21.209	11478700	20.0
Fluoranthene, 2...	20.109	2.2	ng/ul	1263210	5	21.209	11478700	20.0
11H-Benzo[a]flu...	20.692	2.9	ng/ul	1634370	5	21.209	11478700	20.0
Benzo[b]naphtho...	20.857	3.2	ng/ul	1815470	5	21.209	11478700	20.0
Benz[c]acridine	20.939	2.9	ng/ul	1663940	5	21.209	11478700	20.0
7H-Benz[de]anth...	20.992	3.1	ng/ul	1771400	5	21.209	11478700	20.0
Benzo[e]pyrene	23.021	3.7	ng/ul	669488	6	23.556	3631580	20.0
Perylene	23.350	16.7	ng/ul	3034390	6	23.556	3631580	20.0