LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

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-BP081622.M
Title : SVOA CALIBRATION

Signal : TIC: BP011460.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.558	769	777	789	rBV	513589	802211	6.20%	0.663%
2	10.346	1244	1251	1256	rBV	727665	1198976	9.27%	0.990%
3	10.399	1256	1260	1267	rVB	334592	521711	4.03%	0.431%
4	12.022	1529	1536	1545	rBV	176215	277692	2.15%	0.229%
5	12.246	1566	1574	1584	rVB	160880	260679	2.02%	0.215%
6	13.057	1704	1712	1719	rBV2	67455	104867	0.81%	0.087%
7	13.546	1788	1795	1800	rBV	138679	246748	1.91%	0.204%
8	13.599	1800	1804	1809	rVV	88660	131257	1.01%	0.108%
9	13.657	1809	1814	1823	rVV	58462	97143	0.75%	0.080%
10	13.787	1827	1836	1839	rVV2	76568	132448	1.02%	0.109%
11	13.951	1853	1864	1877	rBV	484070	806042	6.23%	0.666%
12	14.234	1902	1912	1918	rVV	1010795	1485640	11.49%	1.227%
13	14.298	1918	1923	1931	rVB	231970	357498	2.76%	0.295%
14	14.634	1970	1980	1989	rBV	362287	551985	4.27%	0.456%
15	14.857	2011	2018	2023	rBV3	58662	112106	0.87%	0.093%
16	15.028	2039	2047	2051	rBV	49762	103381	0.80%	0.085%
17	15.234	2078	2082	2086	rVB2	101560	135143	1.04%	0.112%
18	15.293	2086	2092	2098	rBV	422593	626129	4.84%	0.517%
19	15.587	2137	2142	2152	rVB	175427	278983	2.16%	0.230%
20	15.740	2163	2168	2176	rVB	183505	364588	2.82%	0.301%
21	15.975	2203	2208	2215	rBV4	69829	116604	0.90%	0.096%
22	16.304	2254	2264	2269	rVV4	113777	291346	2.25%	0.241%
23	16.540	2295	2304	2307	rBV3	106897	183986	1.42%	0.152%
24	16.581	2307	2311	2314	rVV2	95706	130662	1.01%	0.108%
25	16.657	2319	2324	2332	rVB	434126	631332	4.88%	0.521%
26	16.740	2332	2338	2344	rBV2	110213	276204	2.14%	0.228%
27	16.822	2347	2352	2356	rVB	361695	463829	3.59%	0.383%
28	17.004	2377	2383	2386	rVV	1099356	1571861	12.15%	1.298%
29	17.051	2386	2391	2397	rVV	7348061	10343689	79.98%	8.543%
30	17.110	2397	2401	2402	rVV2	177769	244371	1.89%	0.202%
31	17.139	2402	2406	2412	rVV	1014121	1358021	10.50%	1.122%
32	17.198	2412	2416	2422	rVB4	103160	167614	1.30%	0.138%
33	17.392	2443	2449	2450	rBV	121703	167123	1.29%	0.138%
34	17.422	2450	2454	2458	rVB	530061	675407	5.22%	0.558%
35	17.534	2468	2473	2479	rBV3	182183	262749	2.03%	0.217%
36	17.592	2479	2483	2491	rVB5	157251	273202	2.11%	0.226%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

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-BP081622.M
Title : SVOA CALIBRATION

37	17.734	2503	2507	2511	rVB	80629	120622	0.93%	0.100%
38	17.810	2516	2520	2523	rBV	73296	96563	0.75%	0.080%
39	17.887	2523	2533	2537	rBV	811599	1174925	9.08%	0.970%
40	17.934	2537	2541	2547	rVB	1118460	1424218	11.01%	1.176%
41	18.010	2549	2554	2559	rBV	269116	362770	2.81%	0.300%
42	18.075	2559	2565	2568	rBV2	970661	1593228	12.32%	1.316%
43	18.110	2568	2571	2578	rVB	582438	754996	5.84%	0.624%
44	18.192	2580	2585	2589	rBV5	81055	179479	1.39%	0.148%
45	18.345	2603	2611	2613	rBV6	68136	163664	1.27%	0.135%
46	18.381	2613	2617	2620	rVV	658684	807580	6.24%	0.667%
47	18.422	2620	2624	2630	rVB	1254035	1581115	12.23%	1.306%
48	18.616	2653	2657	2662	rVB	241405	310014	2.40%	0.256%
49	18.663	2662	2665	2669	rVB	170443	199632	1.54%	0.165%
50	18.704	2669	2672	2676	rVB	155758	183212	1.42%	0.151%
51	18.786	2680	2686	2691	rBV2	365676	749520	5.80%	0.619%
52	18.845	2691	2696	2699	rVV4	190477	404602	3.13%	0.334%
53	18.875	2699	2701	2705	rVV	183946	189578	1.47%	0.157%
54	18.928	2705	2710	2717	rVB	570677	880290	6.81%	0.727%
55	19.051	2723	2731	2737	rVB	10000969	12932622	100.00%	10.682%
56	19.110	2737	2741	2743	rBV2	127235	169889	1.31%	0.140%
57	19.139	2743	2746	2750	rVB2	184996	226698	1.75%	0.187%
58	19.192	2750	2755	2758	rVB	382786	475413	3.68%	0.393%
59	19.245	2758	2764	2767	rBV2	252653	429501	3.32%	0.355%
60	19.281	2767	2770	2774	rVB	252894	337466	2.61%	0.279%
61	19.375	2780	2786	2787	rBV	1314508	1816952	14.05%	1.501%
62	19.404	2787	2791	2798	rVV	8962262	11587812	89.60%	9.571%
63	19.469	2798	2802	2809	rVB2	387501	602632	4.66%	0.498%
64	19.575	2814	2820	2825	rBV	483691	703149	5.44%	0.581%
65	19.633	2826	2830	2836	rVB	415768	612266	4.73%	0.506%
66	19.716	2838	2844	2851	rBV3	447377	1120595	8.66%	0.926%
67	19.775	2851	2854	2857	rVV	119608	144932	1.12%	0.120%
68	19.804	2857	2859	2862	rVB2	134433	132933	1.03%	0.110%
69	19.845	2862	2866	2869	rBV4	365318	657259	5.08%	0.543%
70	19.881	2870	2872	2877	rVB2	508913	644600	4.98%	0.532%
71	19.981	2886	2889	2893	rBV2	242006	304930	2.36%	0.252%
72	20.039	2893	2899	2903	rVV2	693588	1178606	9.11%	0.973%
73	20.081	2903	2906	2909	rVV2	143589	197152	1.52%	0.163%
74	20.122	2910	2913	2918	rVB3	136609	190560	1.47%	0.157%
75	20.175	2919	2922	2926	rVV	335986	407293	3.15%	0.336%
76	20.222	2926	2930	2934	rVV	382427	510511	3.95%	0.422%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

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-BP081622.M
Title : SVOA CALIBRATION

77	20.539	2981	2984	2987	rBV	106521	132079	1.02%	0.109%
78	20.622	2994	2998	3005	rVB	860354	1133101	8.76%	0.936%
79	20.786	3020	3026	3029	rBV2	614252	1034303	8.00%	0.854%
80	20.822	3029	3032	3036	rVV	685297	902235	6.98%	0.745%
81	20.863	3036	3039	3044	rVV2	680620	1168728	9.04%	0.965%
82	20.922	3044	3049	3053	rVB2	751175	1008196	7.80%	0.833%
83	21.128	3075	3084	3089	rBV3	4334274	7915520	61.21%	6.538%
84	21.175	3089	3092	3102	rVB	3968722	5242086	40.53%	4.330%
85	21.292	3108	3112	3117	rBV2	297556	420130	3.25%	0.347%
86	21.345	3117	3121	3125	rBV2	326002	468435	3.62%	0.387%
87	21.457	3134	3140	3144	rBV3	364347	649163	5.02%	0.536%
88	21.498	3144	3147	3151	rVB2	167167	200827	1.55%	0.166%
89	21.692	3174	3180	3184	rVB	540928	780956	6.04%	0.645%
90	21.745	3185	3189	3195	rVV2	394570	662453	5.12%	0.547%
91	21.892	3211	3214	3217	rBV	251902	265966	2.06%	0.220%
92	22.745	3352	3359	3364	rBV	3022372	7035701	54.40%	5.811%
93	22.916	3383	3388	3394	rBV	495887	796202	6.16%	0.658%
94	23.057	3408	3412	3419	rBV	193084	453576	3.51%	0.375%
95	23.239	3437	3443	3453	rVB	1692485	3408296	26.35%	2.815%
96	23.339	3454	3460	3468	rVB	2798939	5167214	39.95%	4.268%
97	23.439	3471	3477	3481	rVV2	776253	1567338	12.12%	1.295%
98	23.486	3481	3485	3494	rVB2	715019	1449899	11.21%	1.198%
99	25.810	3871	3880	3892	rVB2	1351051	4081460	31.56%	3.371%
100	26.539	3995	4004	4022	rVB	864635	2815467	21.77%	2.325%

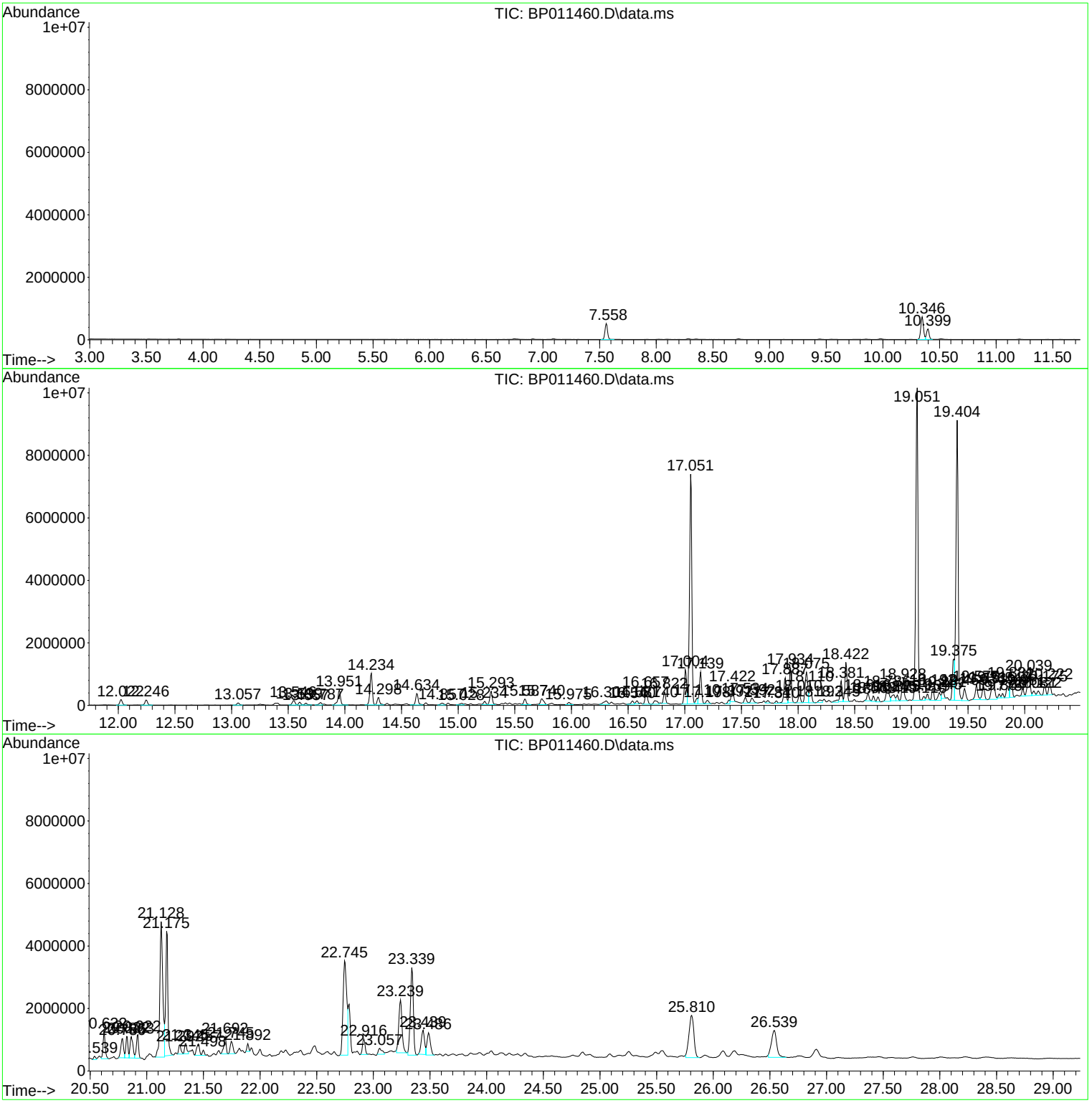
Sum of corrected areas: 121072337

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

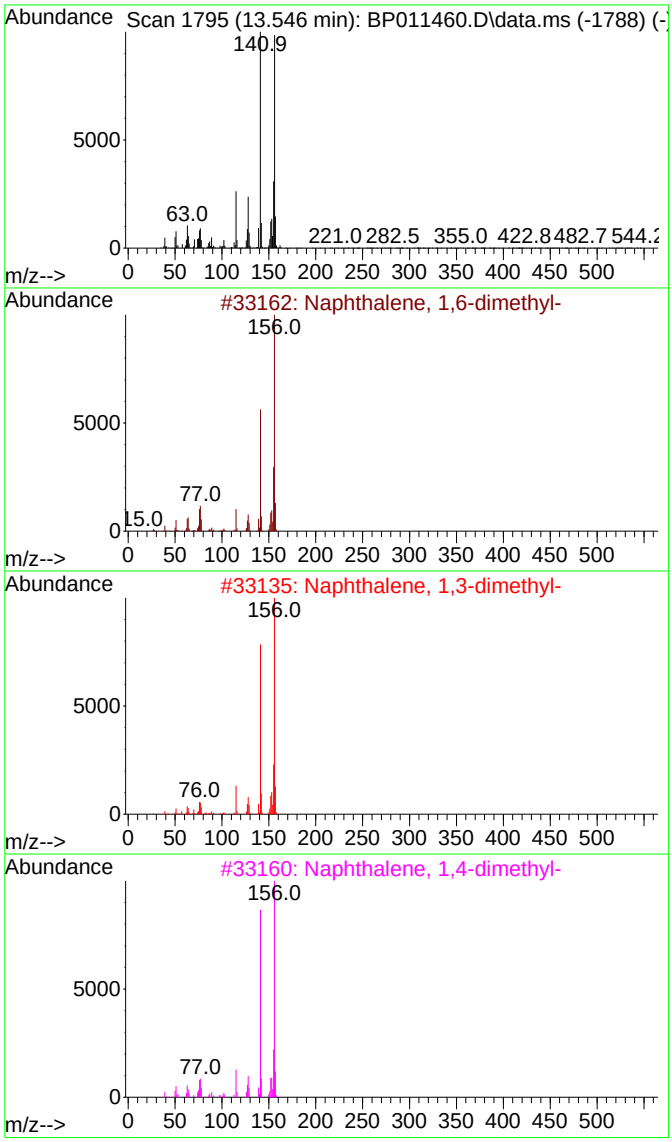
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

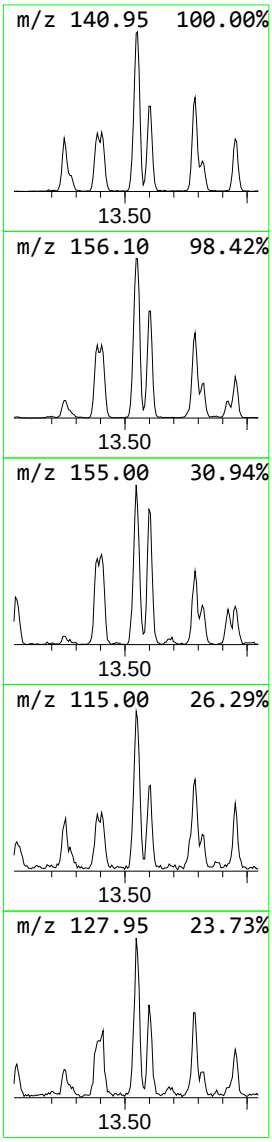
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.546	3.32 ng/ul	246748	Acenaphthene-d10	14.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

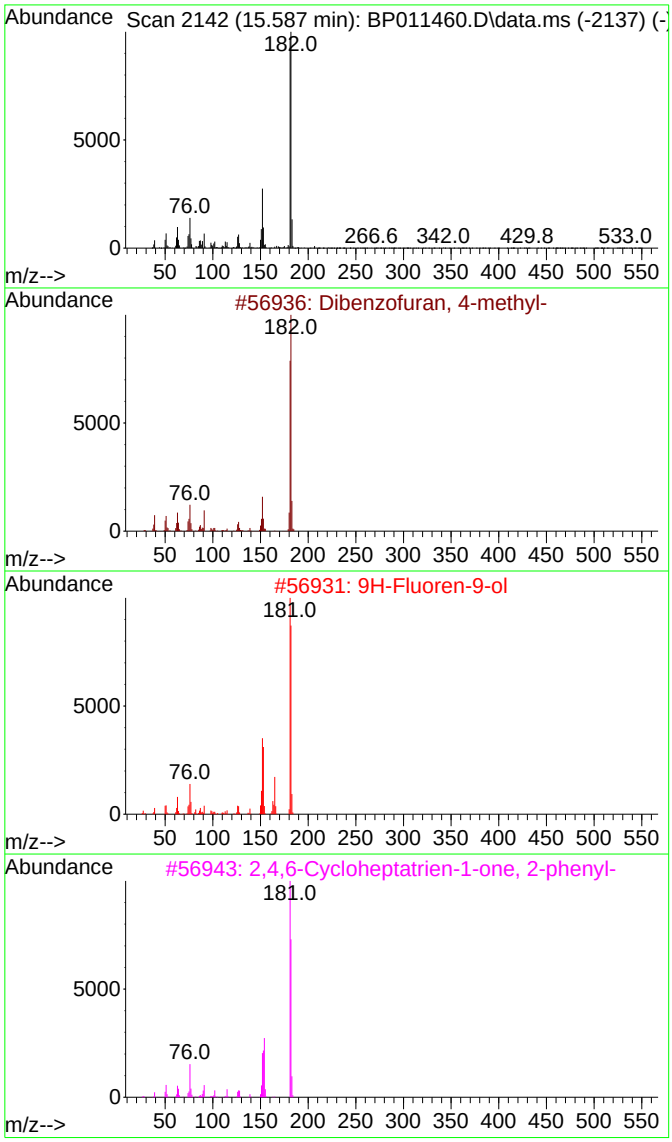
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

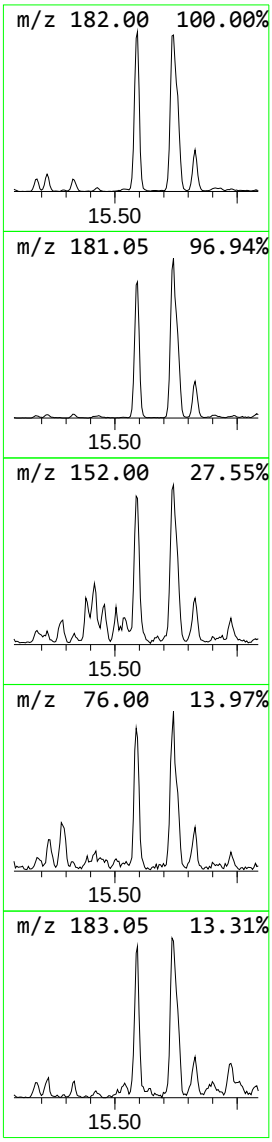
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.587	3.76 ng/ul	278983	Acenaphthene-d10	14.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

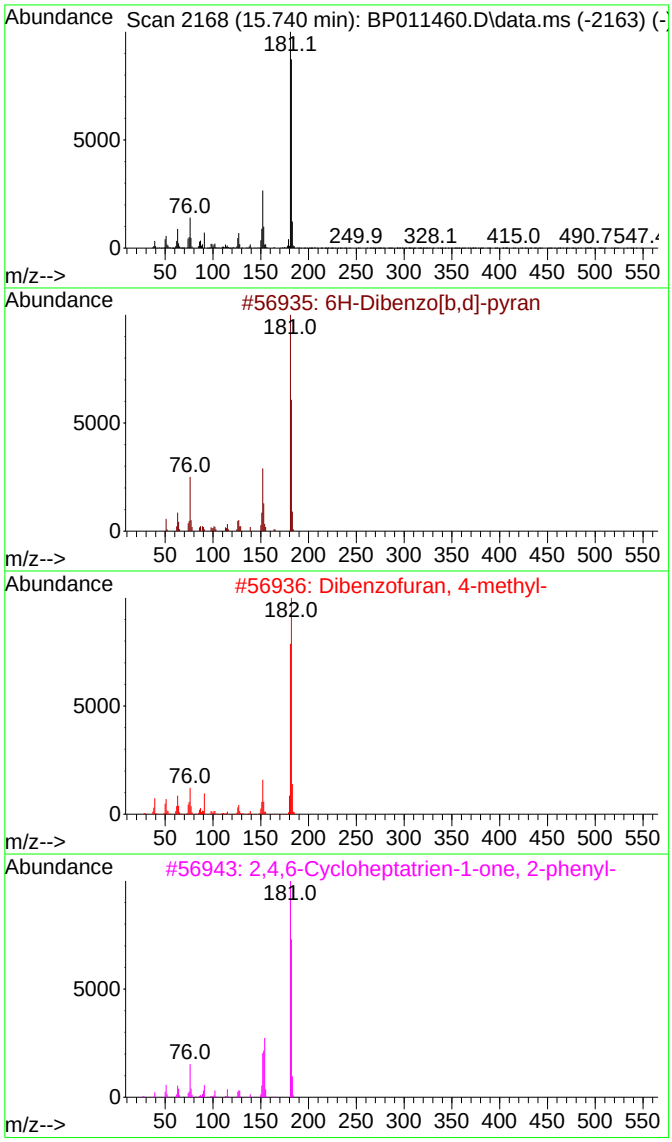
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

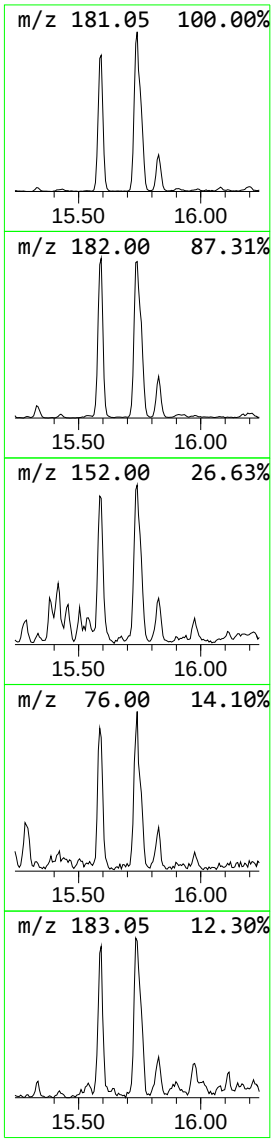
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 6H-Dibenzo[b,d]-pyran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	4.64 ng/ul	364588	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	94
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

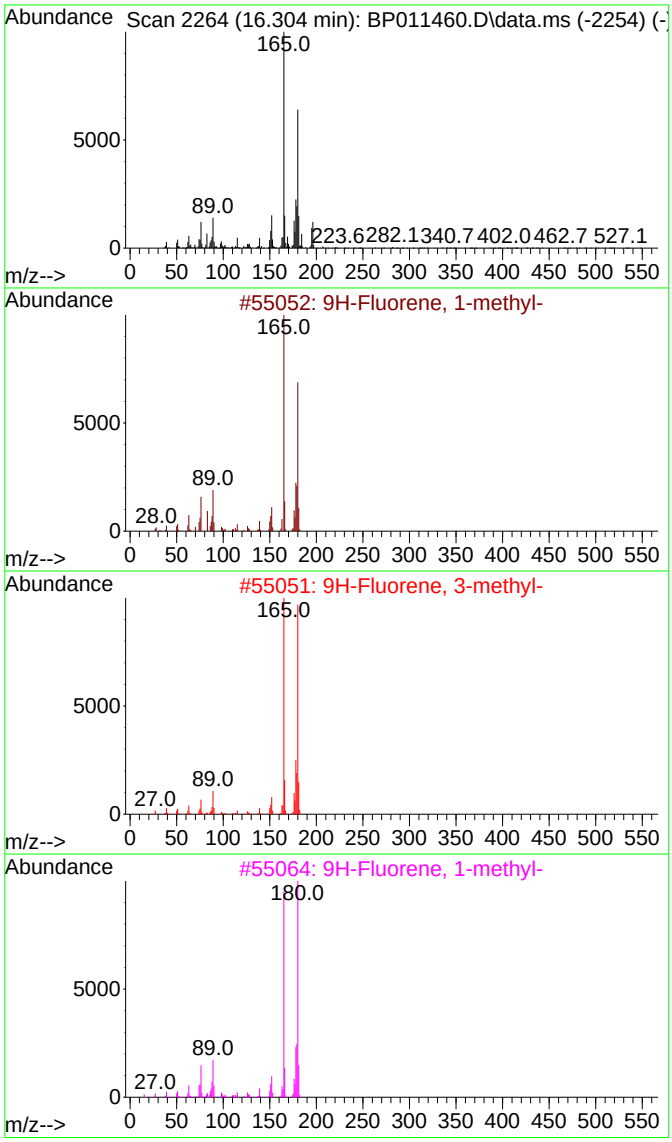
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

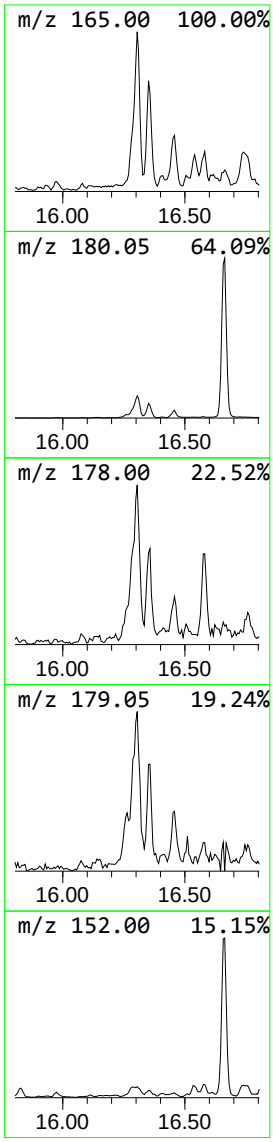
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	3.71 ng/ul	291346	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

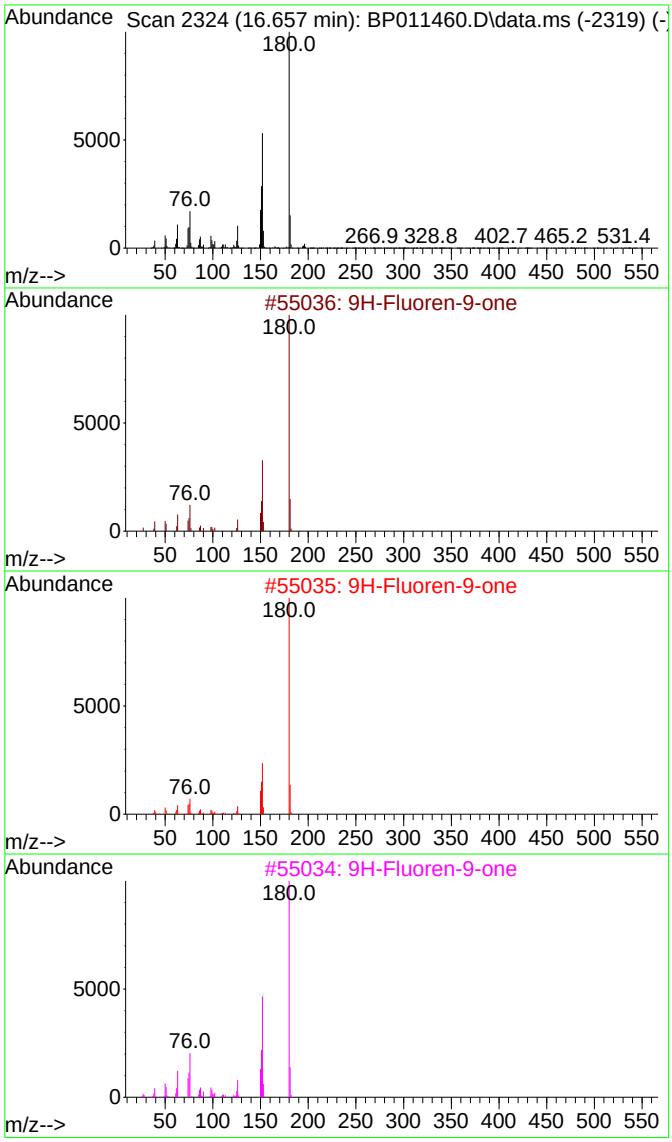
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

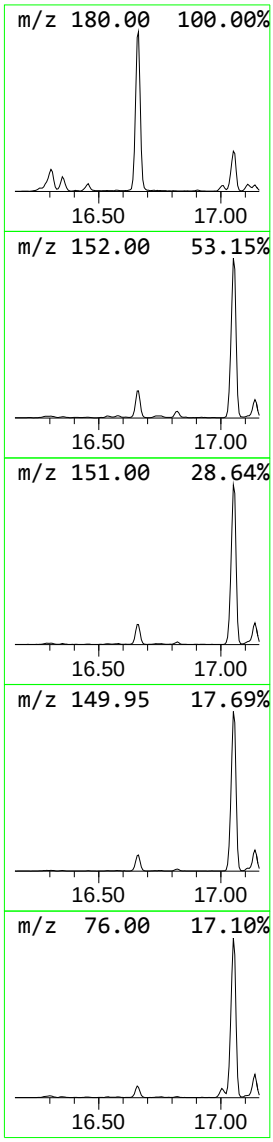
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	8.03 ng/ul	631332	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

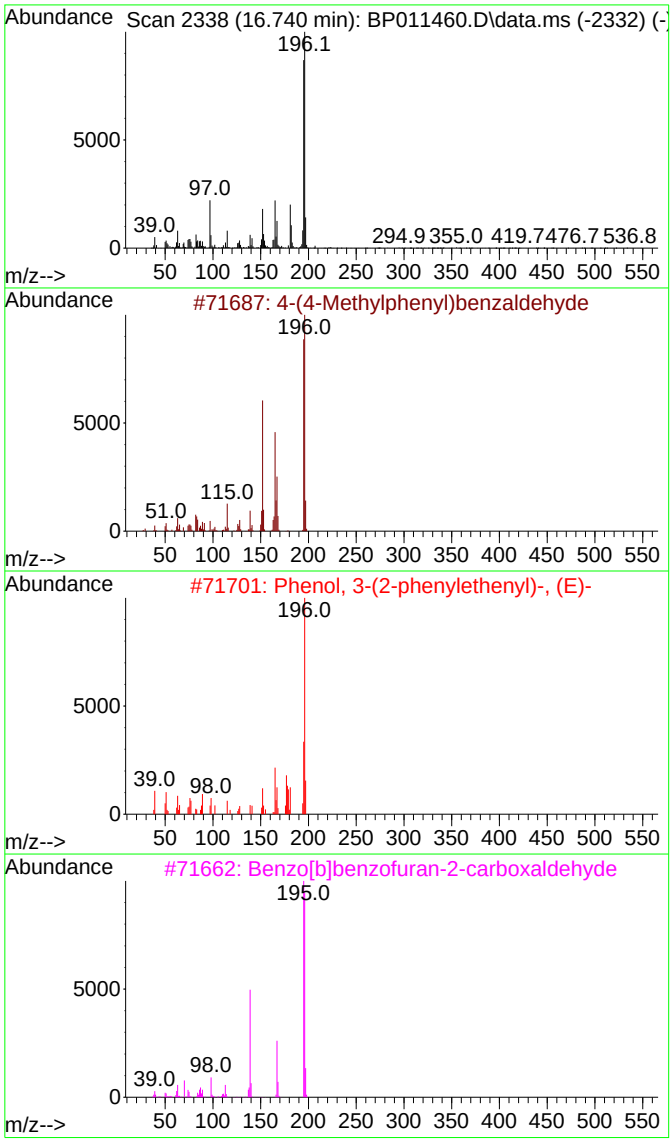
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

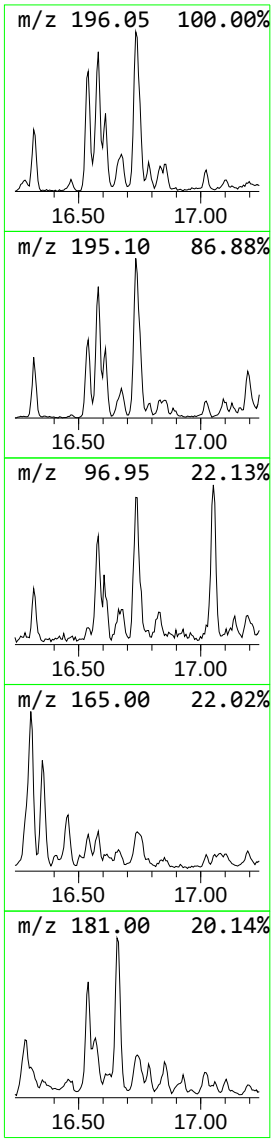
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-(4-Methylphenyl)benzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.740	3.51 ng/ul	276204	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	60
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50





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Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

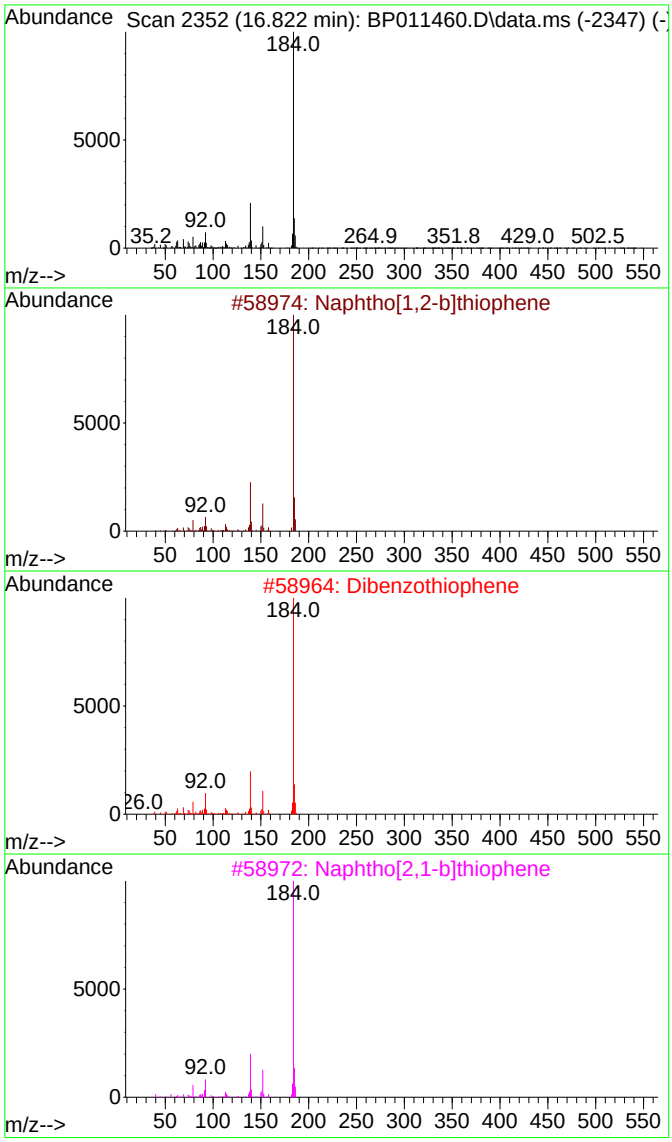
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

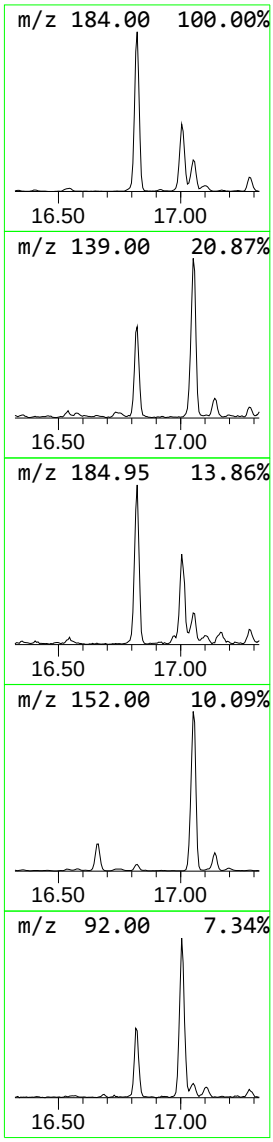
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.822	5.90 ng/ul	463829	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

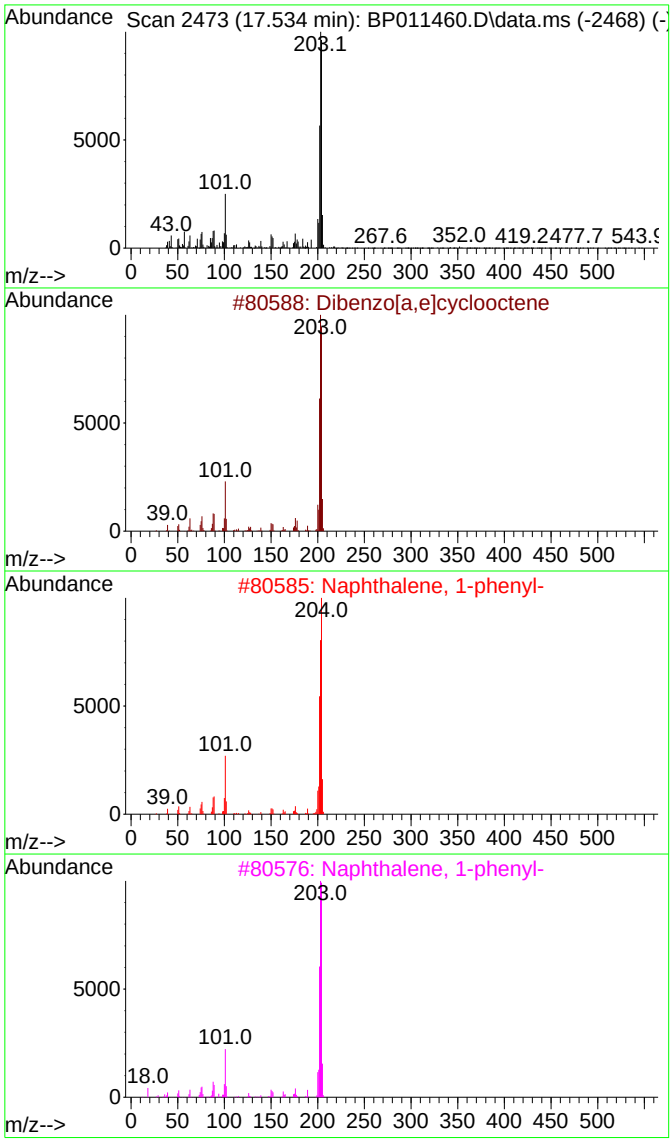
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

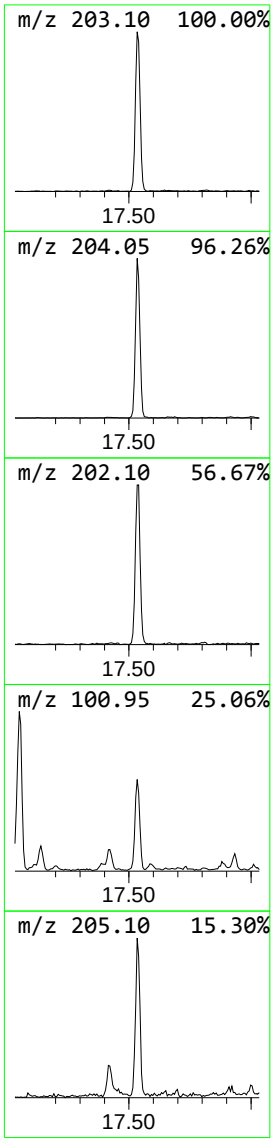
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dibenzo[a,e]cyclooctene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.534	3.34 ng/ul	262749	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	98
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	93
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93





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Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

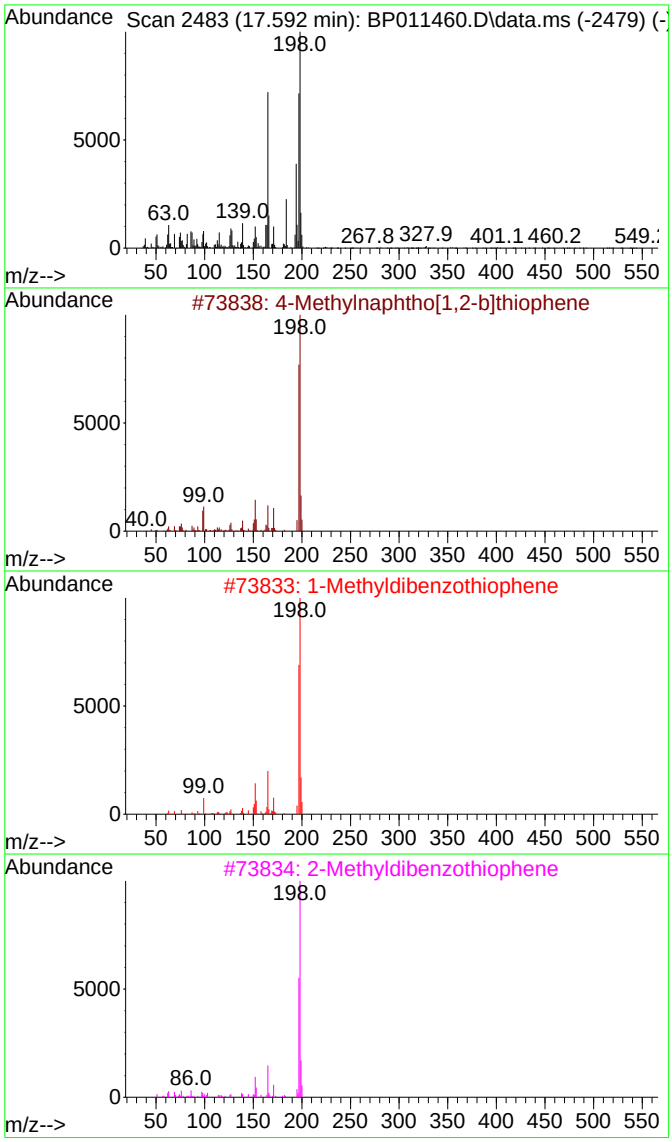
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

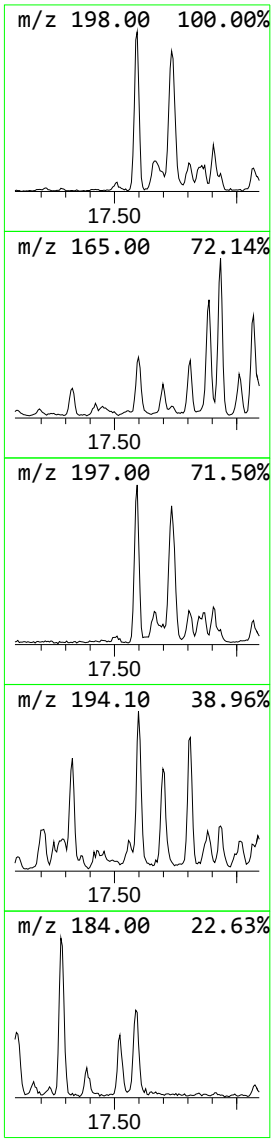
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	3.48 ng/ul	273202	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	60
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	55
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50





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Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

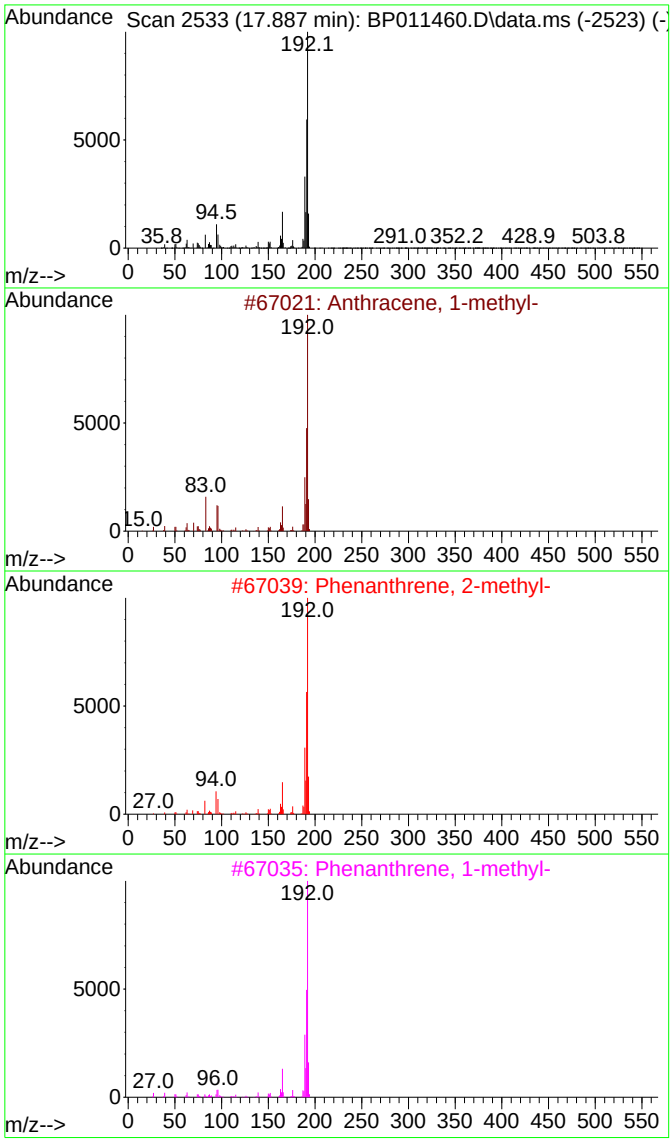
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

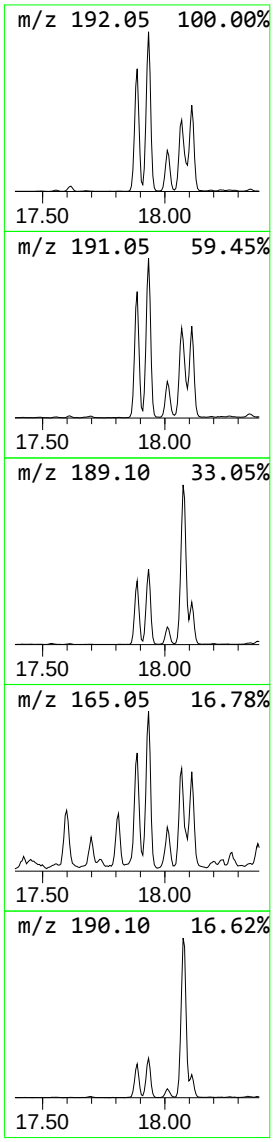
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	14.95 ng/ul	1174930	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

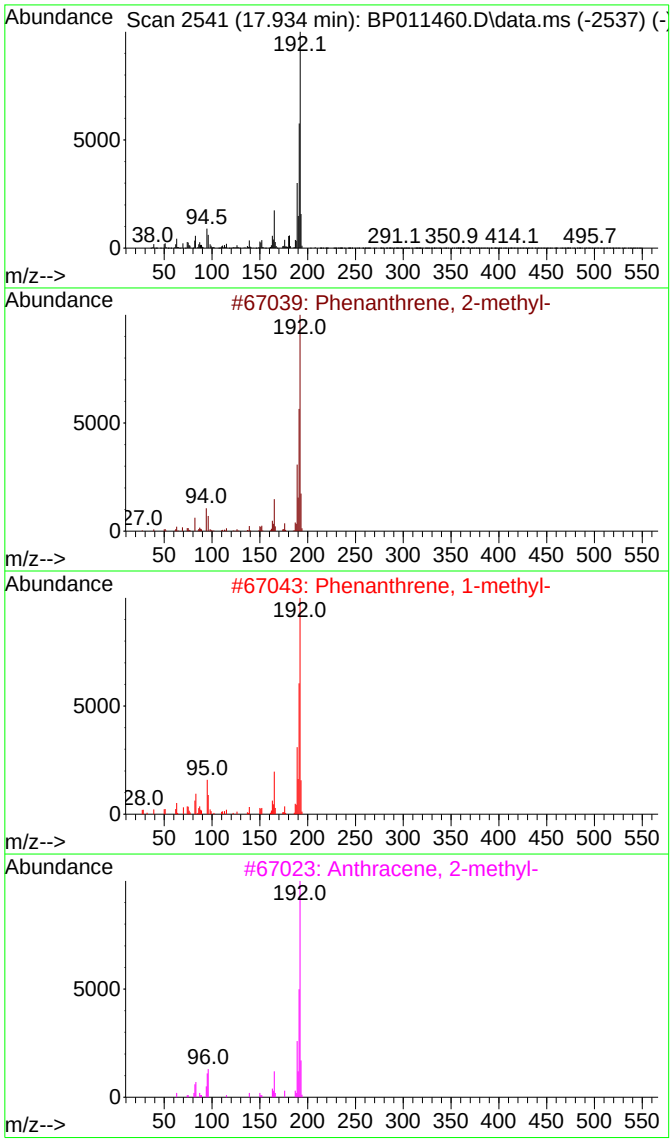
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

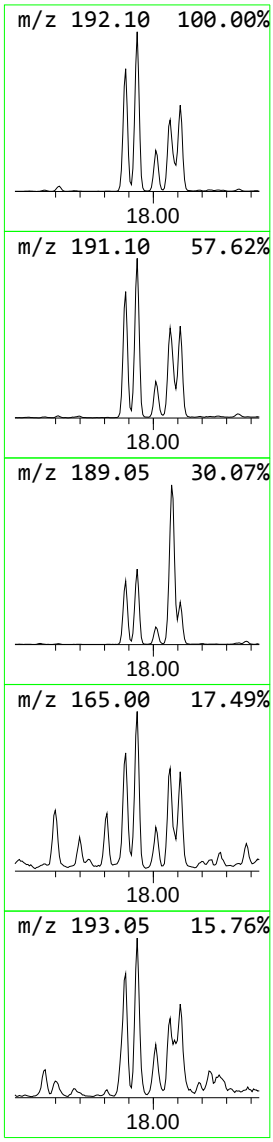
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.934	18.12 ng/ul	1424220	Phenanthrene-d10	17.004

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

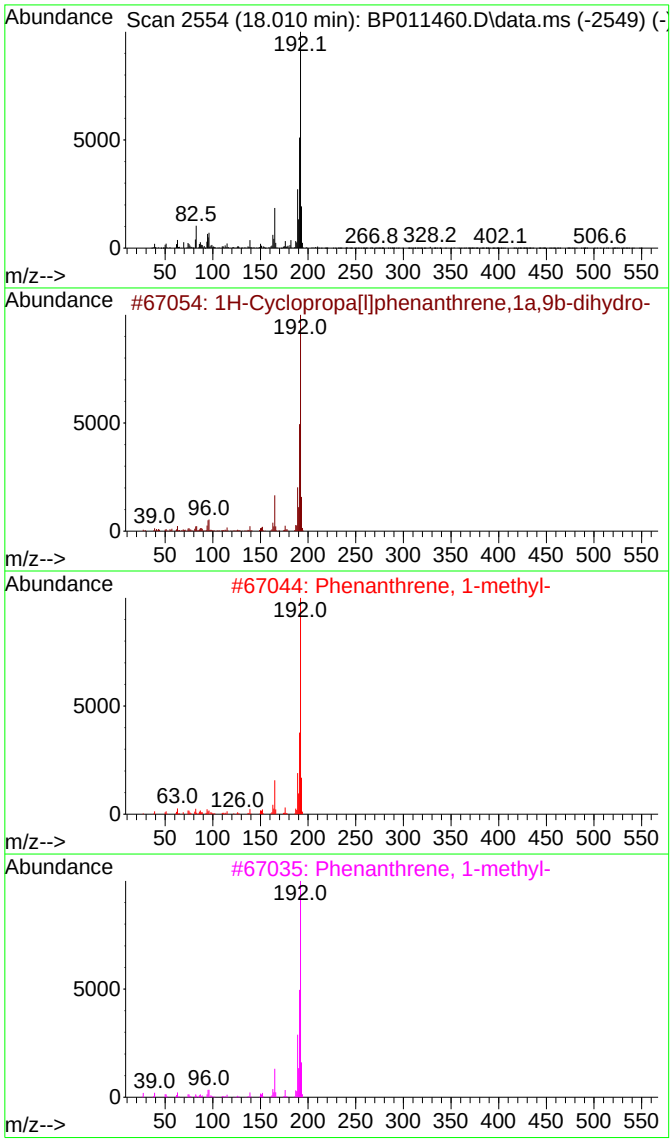
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

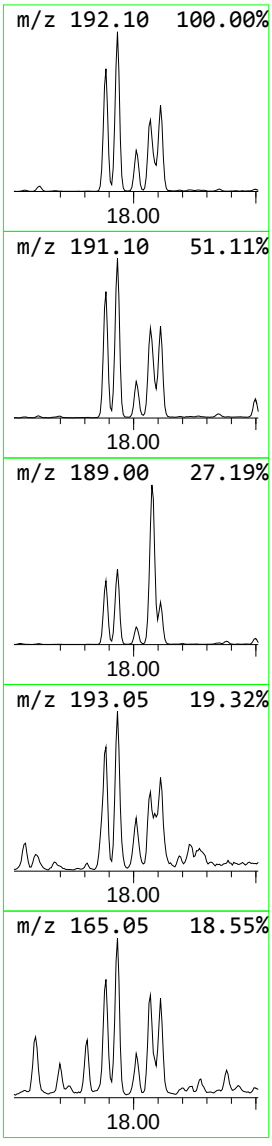
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	4.62 ng/ul	362770	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

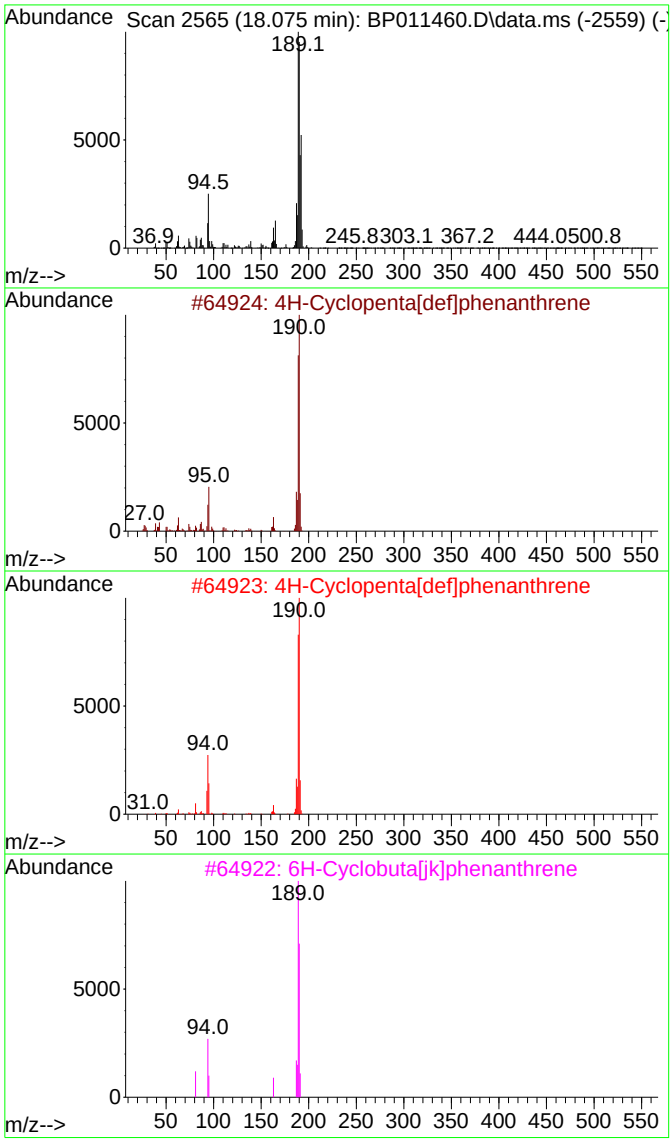
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

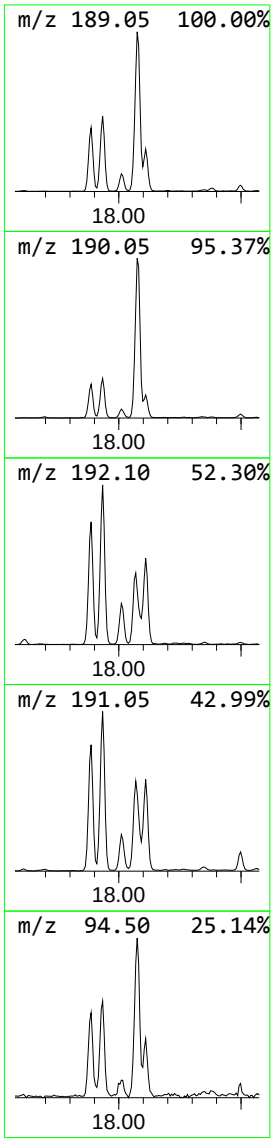
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	20.27 ng/ul	1593230	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	20
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20





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Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

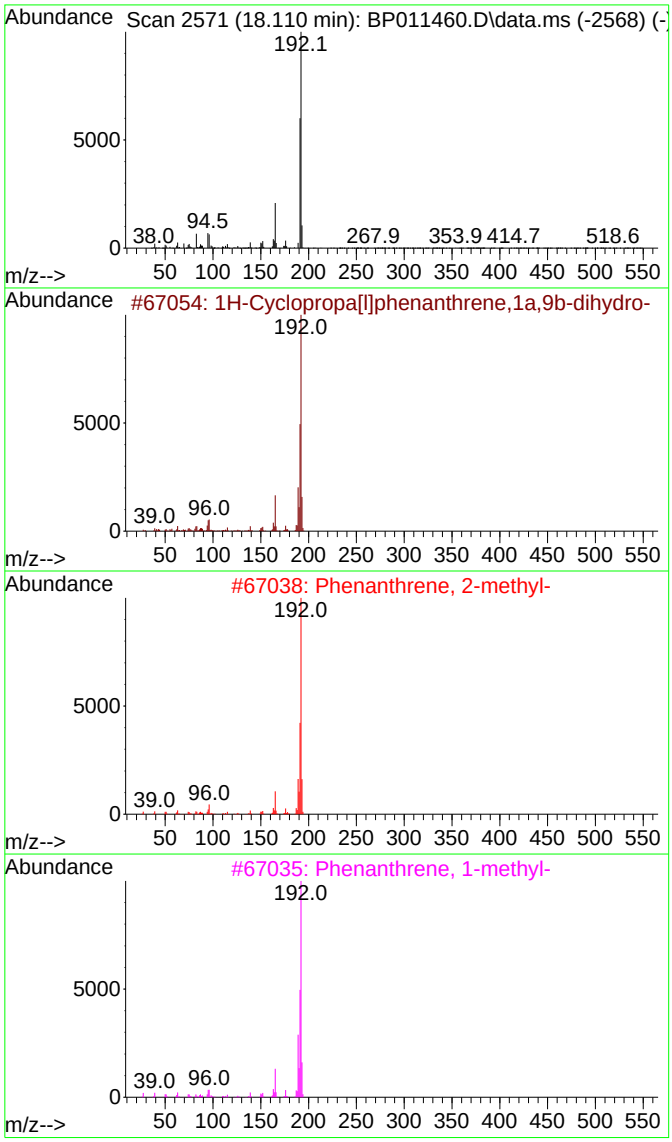
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

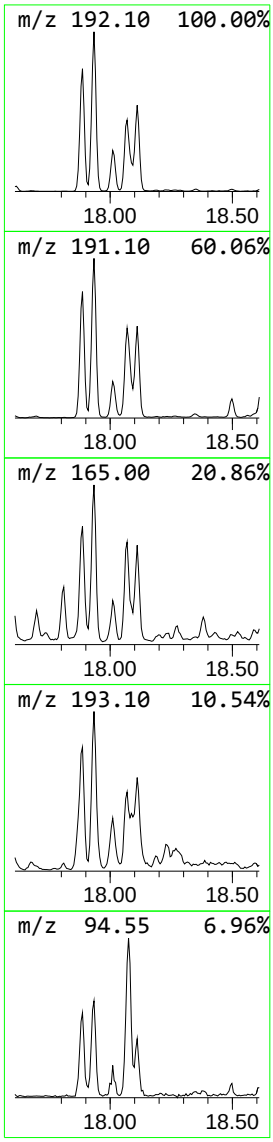
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	9.61 ng/ul	754996	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	87
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87





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Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

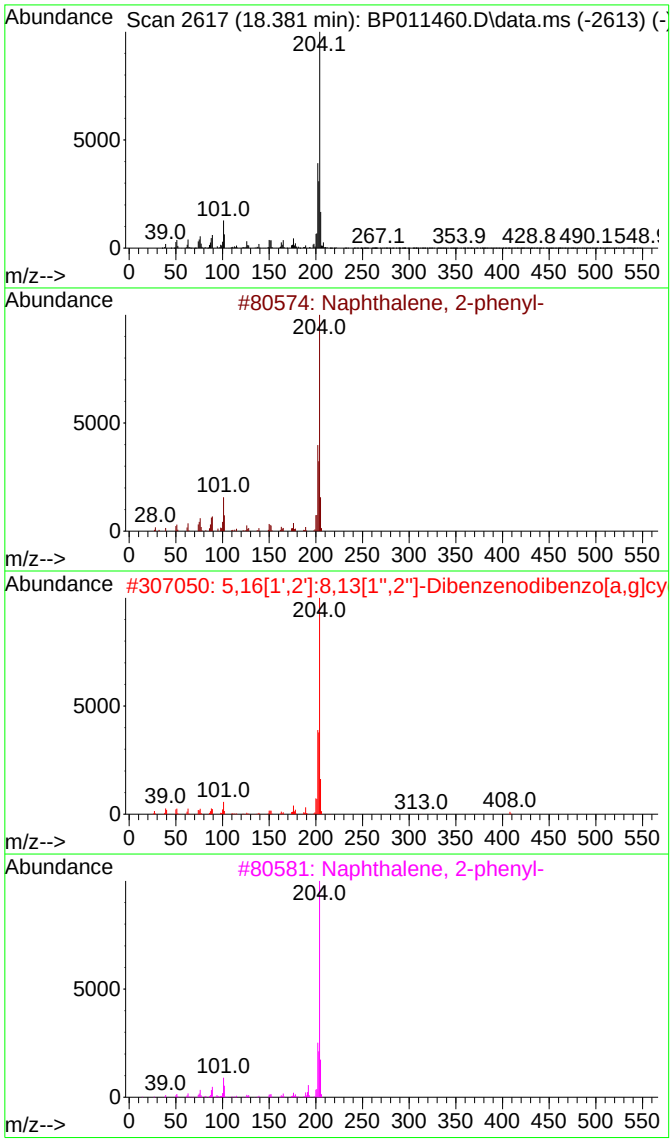
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

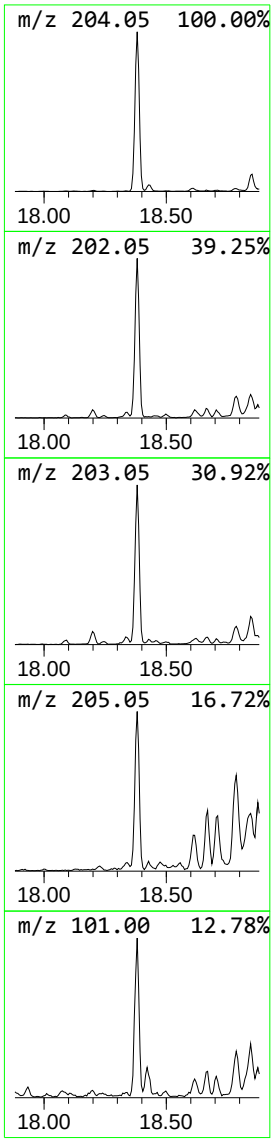
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	10.28 ng/ul	807580	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	68





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Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

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Quant Title : SVOA CALIBRATION

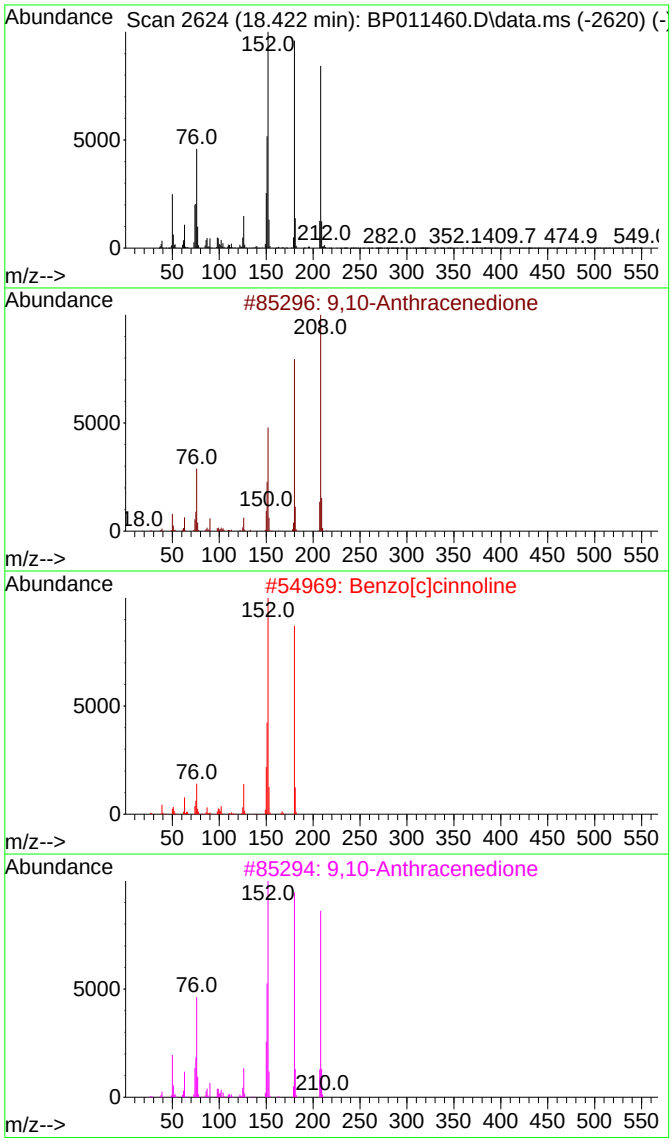
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

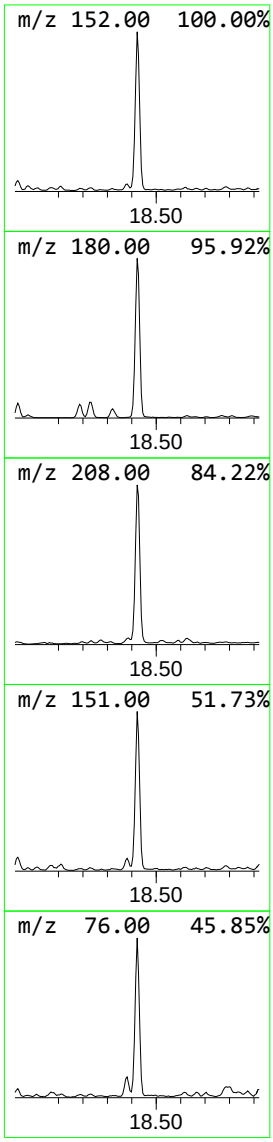
****

Peak Number 20 9,10-Anthracenedione Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	20.12 ng/ul	1581120	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	92





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

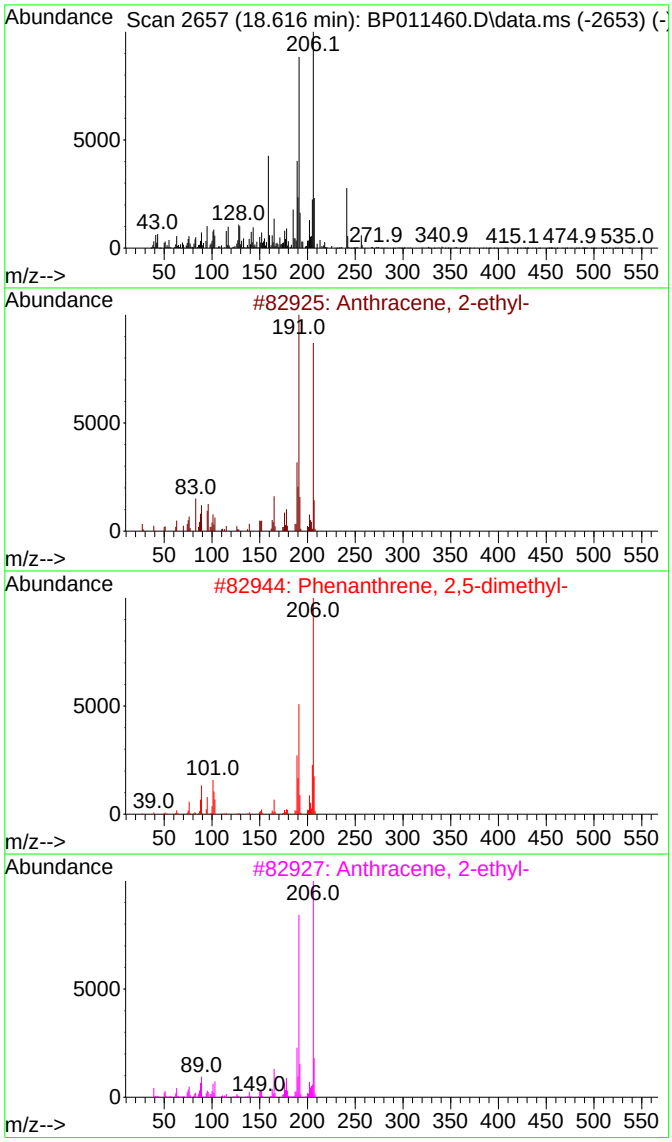
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

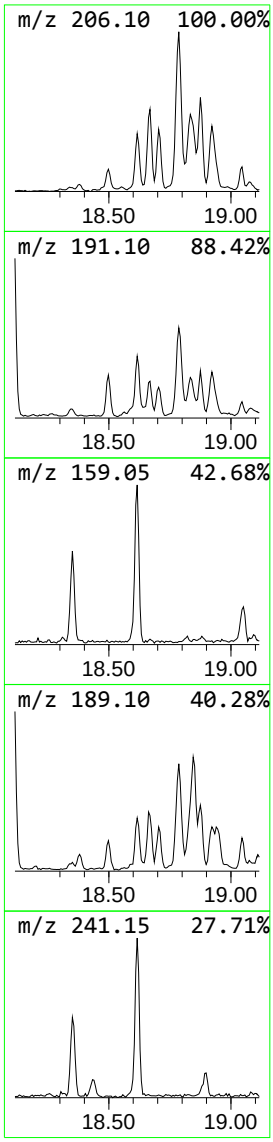
****

Peak Number 21 Anthracene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	3.94 ng/ul	310014	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	92
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	92
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

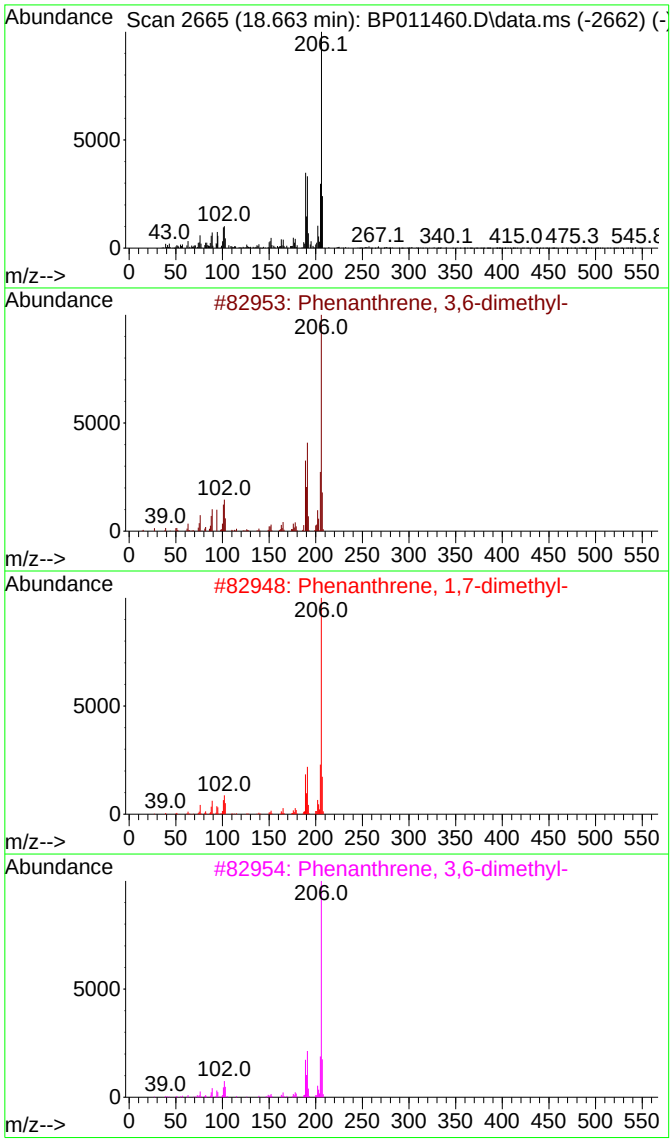
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

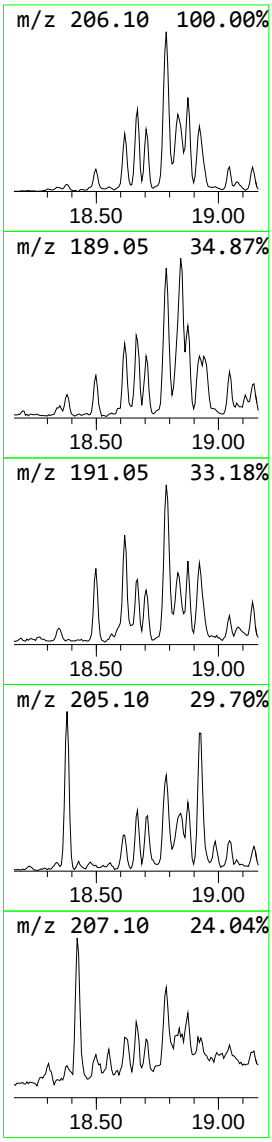
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Phenanthrene, 3,6-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	2.54 ng/ul	199632	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

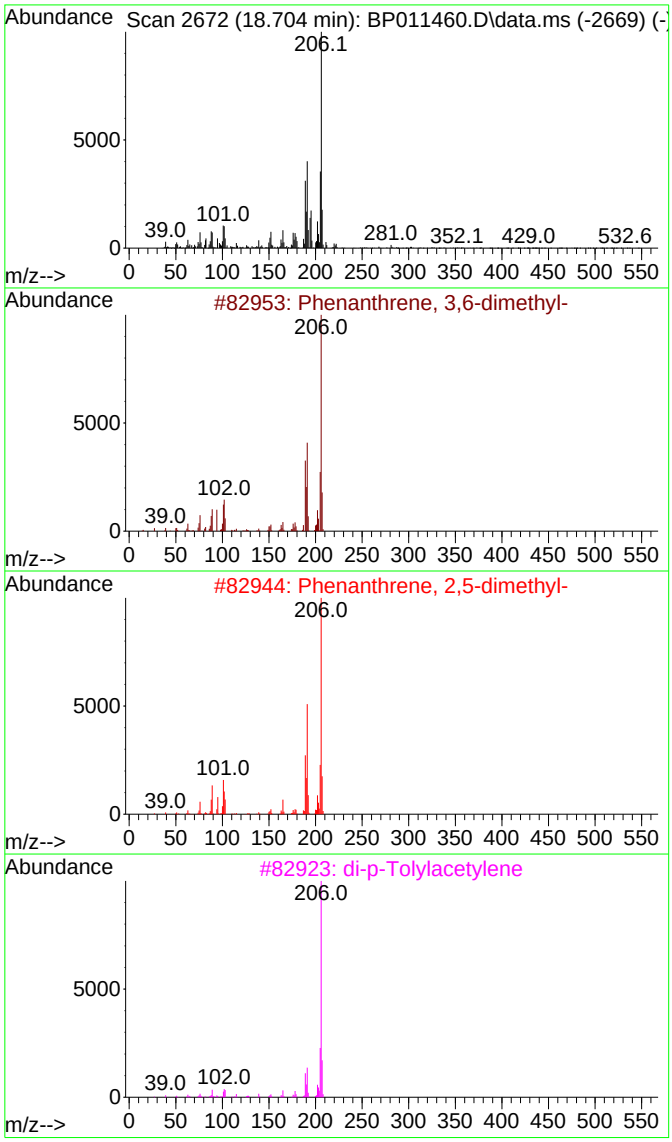
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

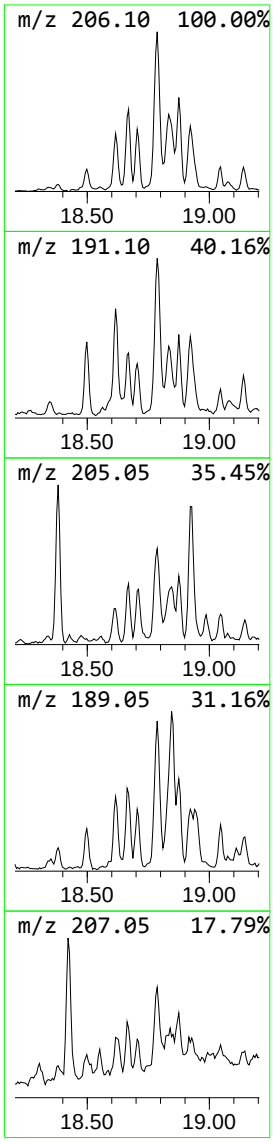
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	2.33 ng/ul	183212	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

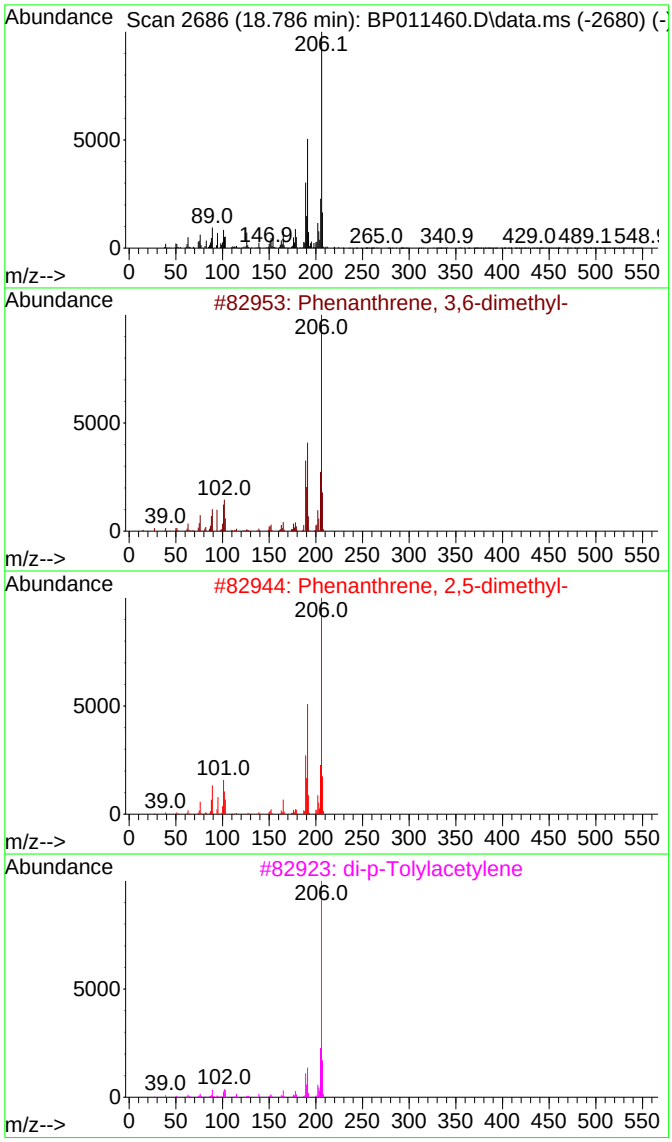
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

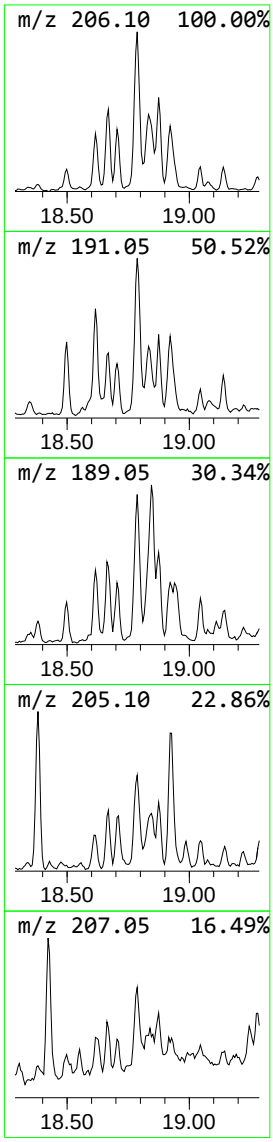
****

Peak Number 24 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.787	9.54 ng/ul	749520	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

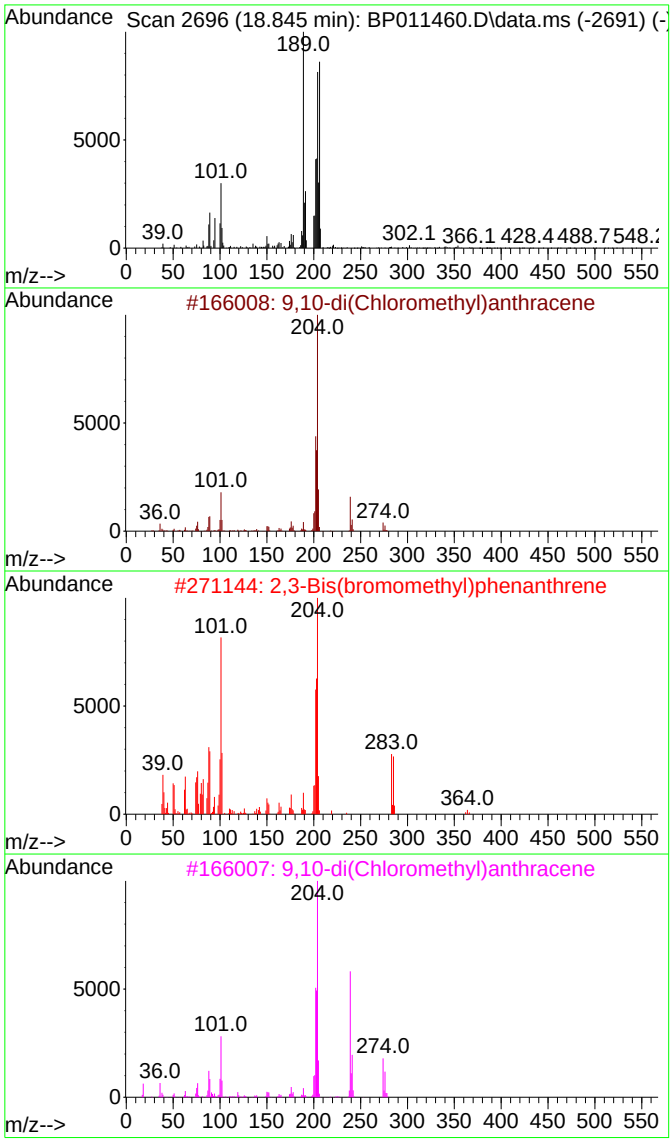
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

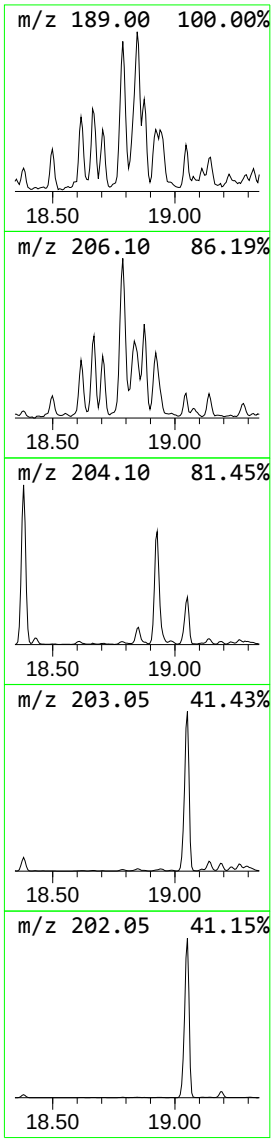
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.845	5.15 ng/ul	404602	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
2	2,3-Bis(bromomethyl)phenanthrene	362	C16H12Br2	1000261-29-6	35
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	30
5	m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	30





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

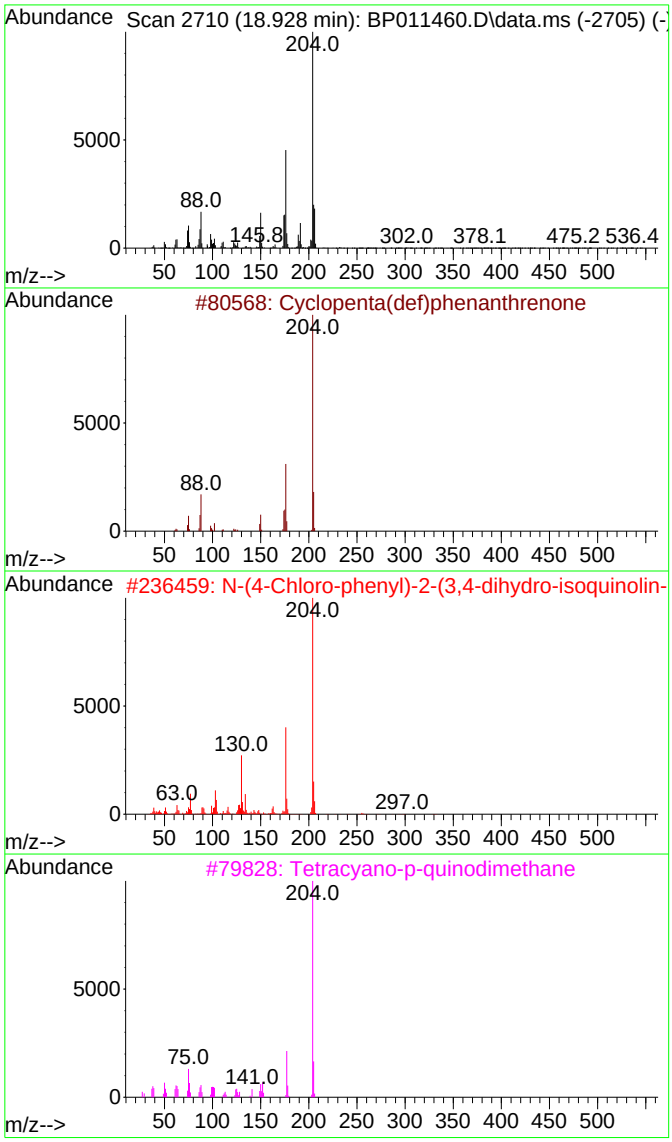
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

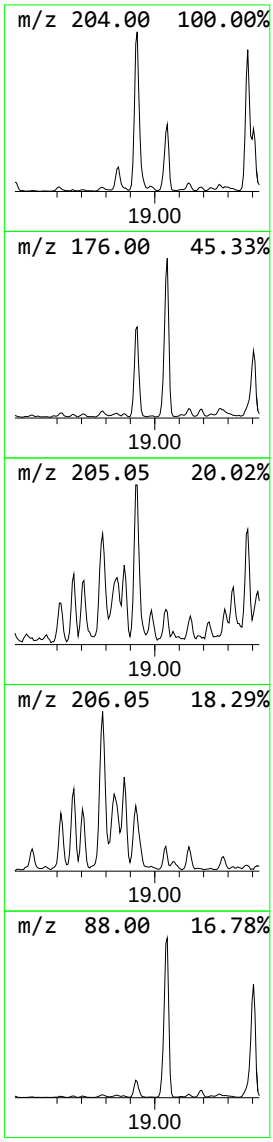
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.928	11.20 ng/ul	880290	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	45
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43





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Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

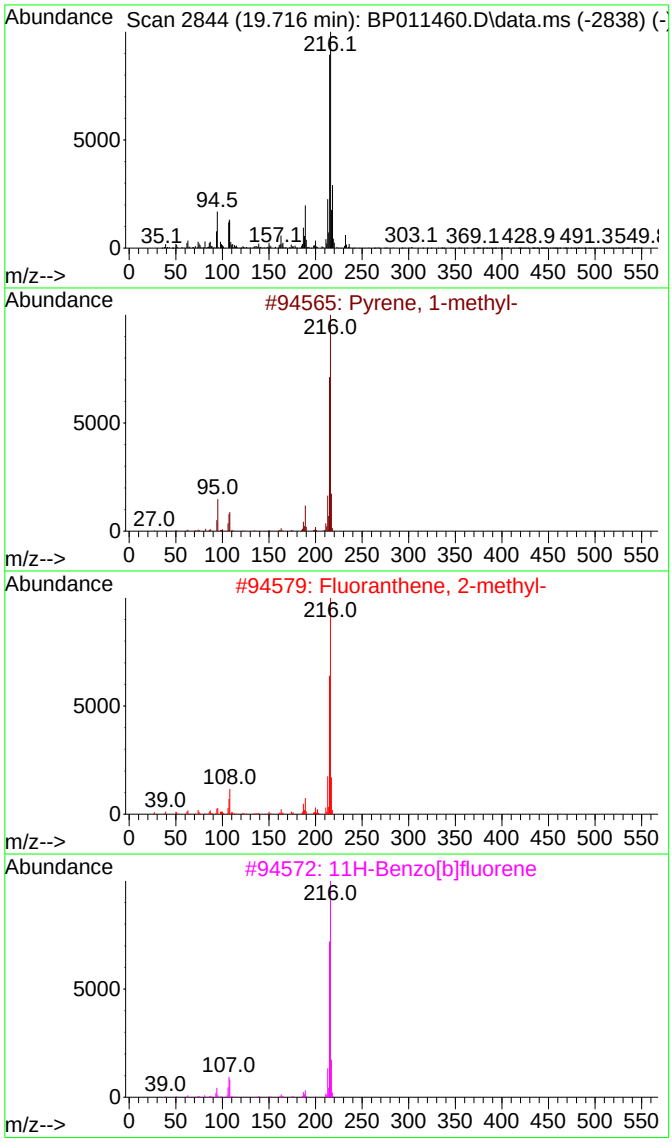
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

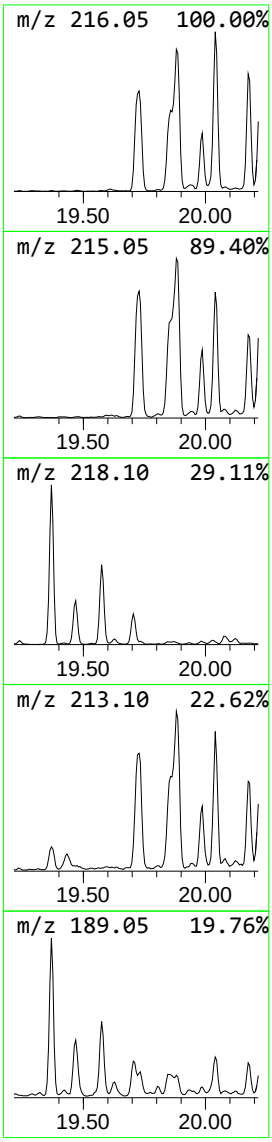
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.716	2.83 ng/ul	1120600	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89





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Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

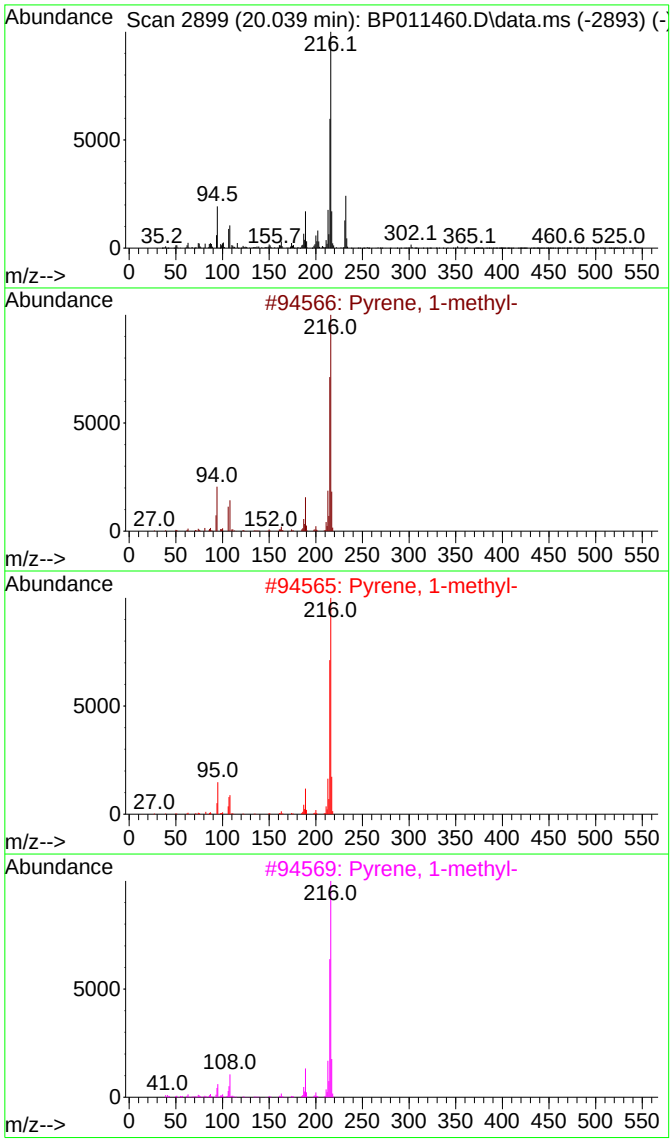
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

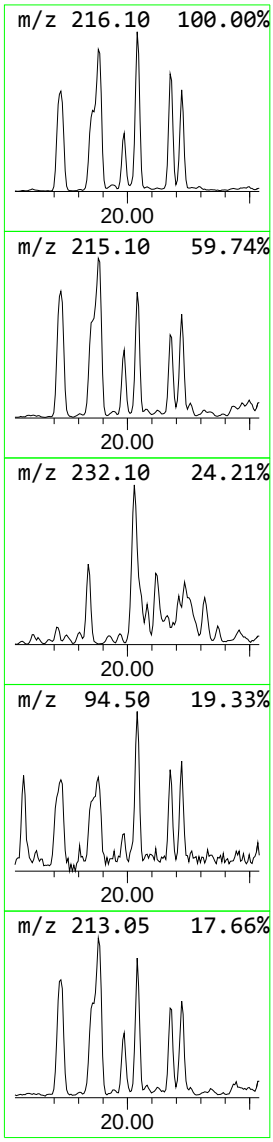
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Fluoranthene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.039	2.98 ng/ul	1178610	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

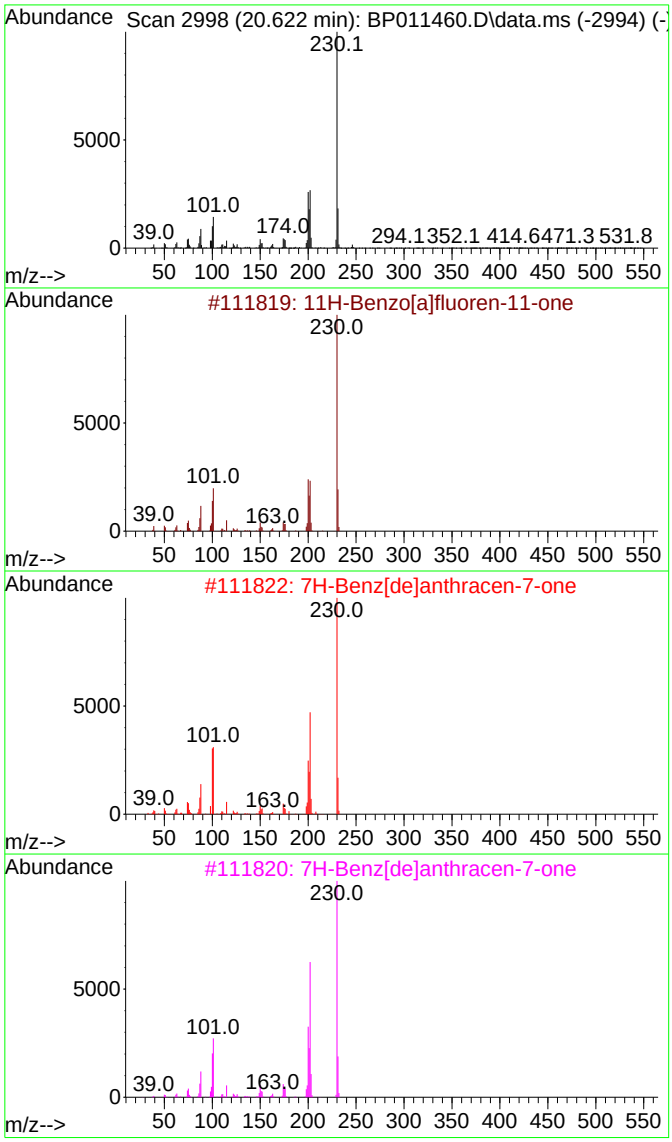
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

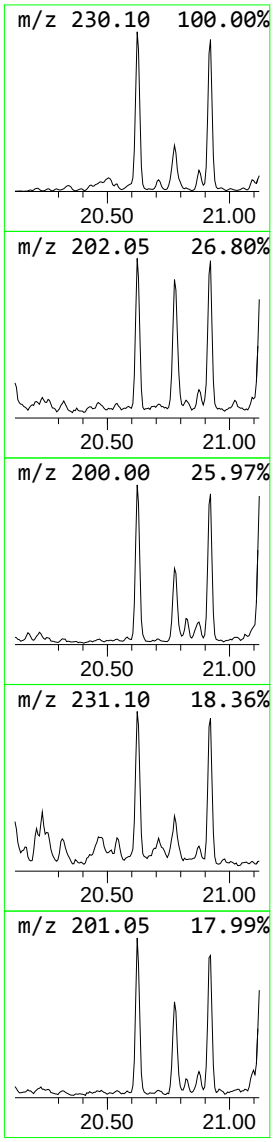
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.622	2.86 ng/ul	1133100	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
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	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

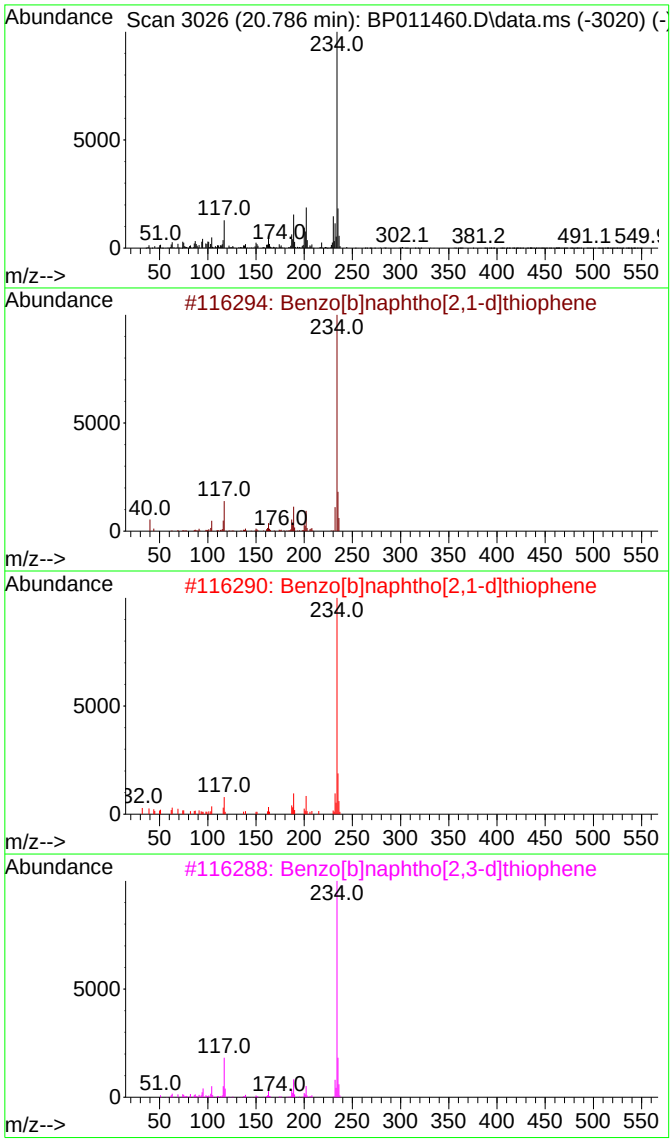
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

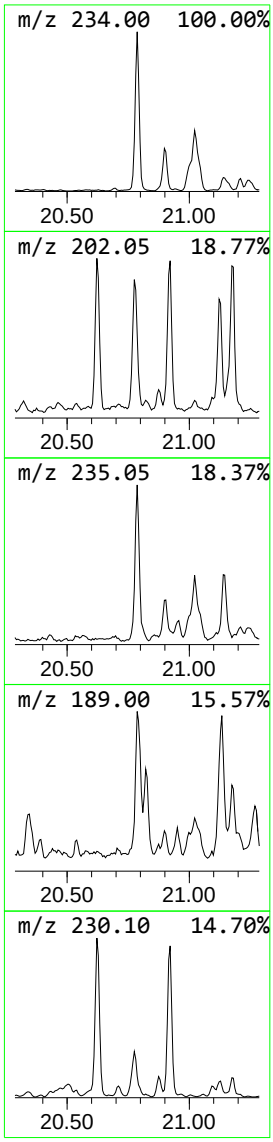
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.786	2.61 ng/ul	1034300	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

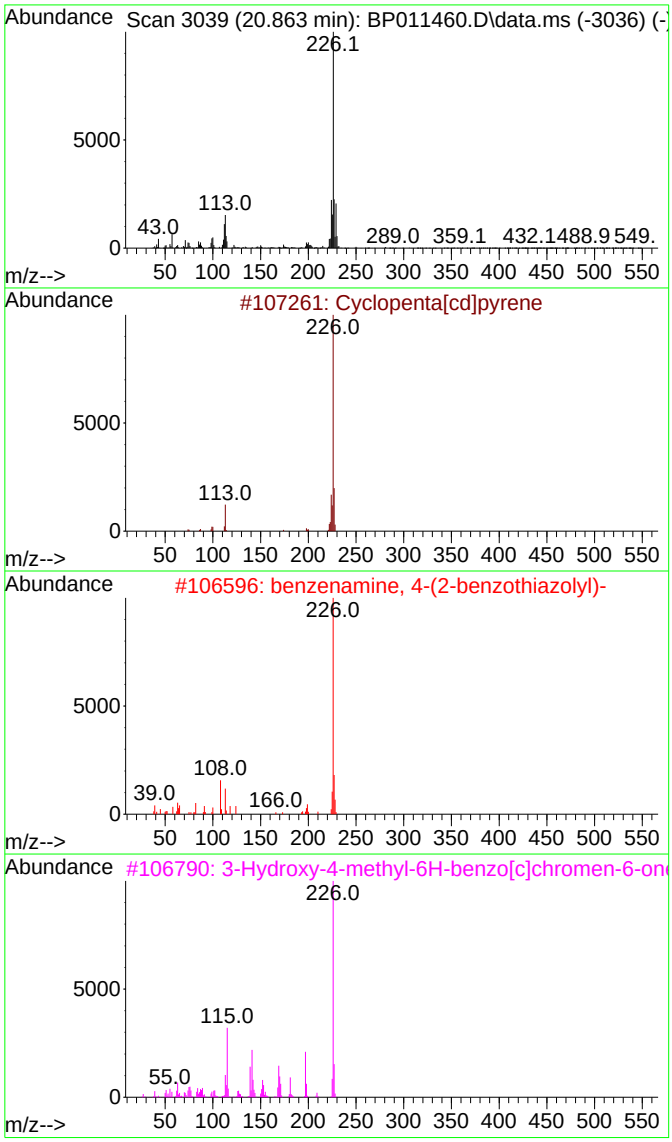
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

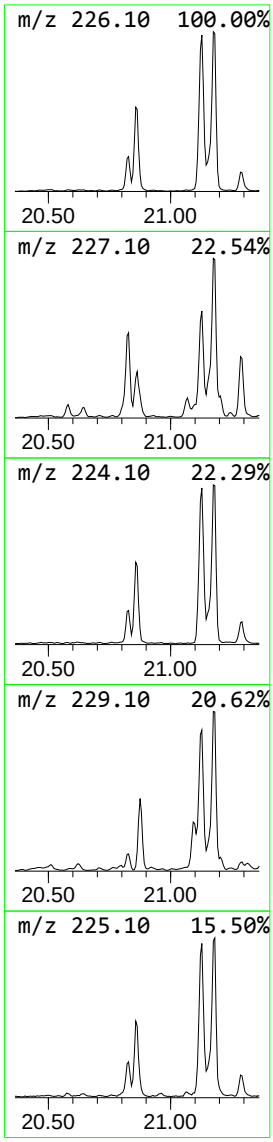
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Cyclopenta[cd]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.863	2.95 ng/ul	1168730	Chrysene-d12	21.139

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	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	50
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

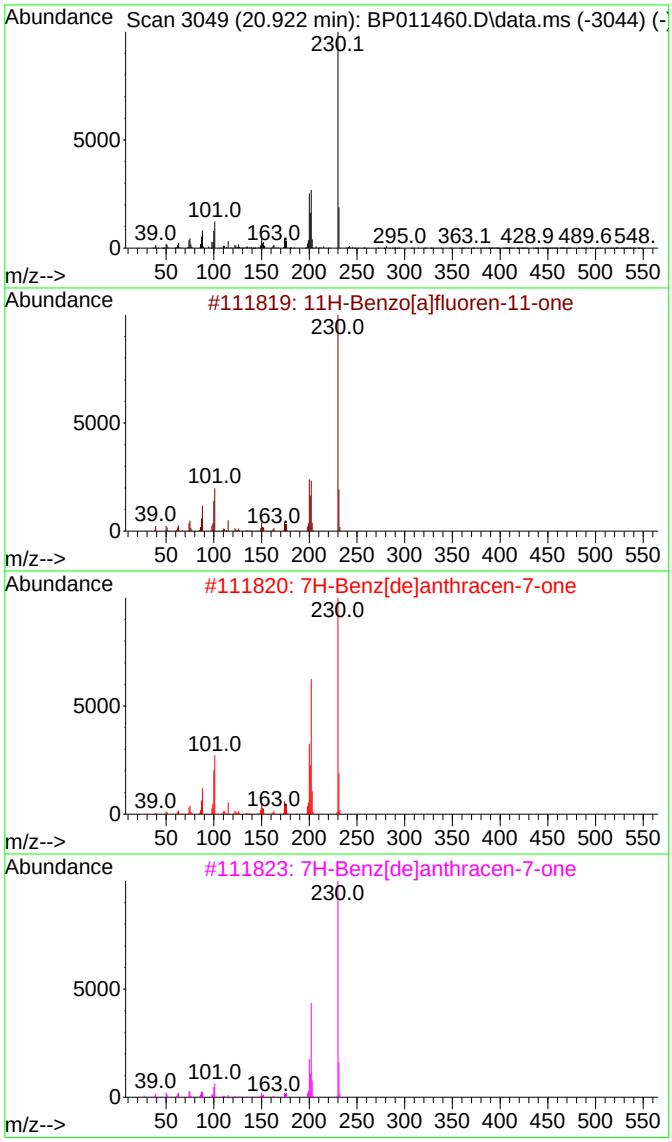
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

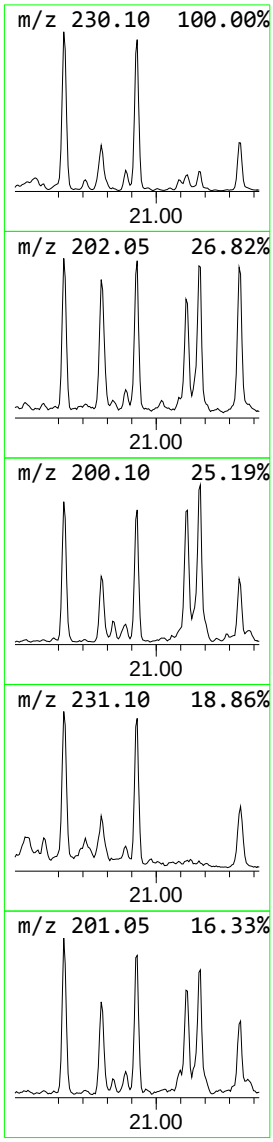
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 7H-Benz[de]anthracen-7-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.922	2.55 ng/ul	1008200	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
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	83
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78





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Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

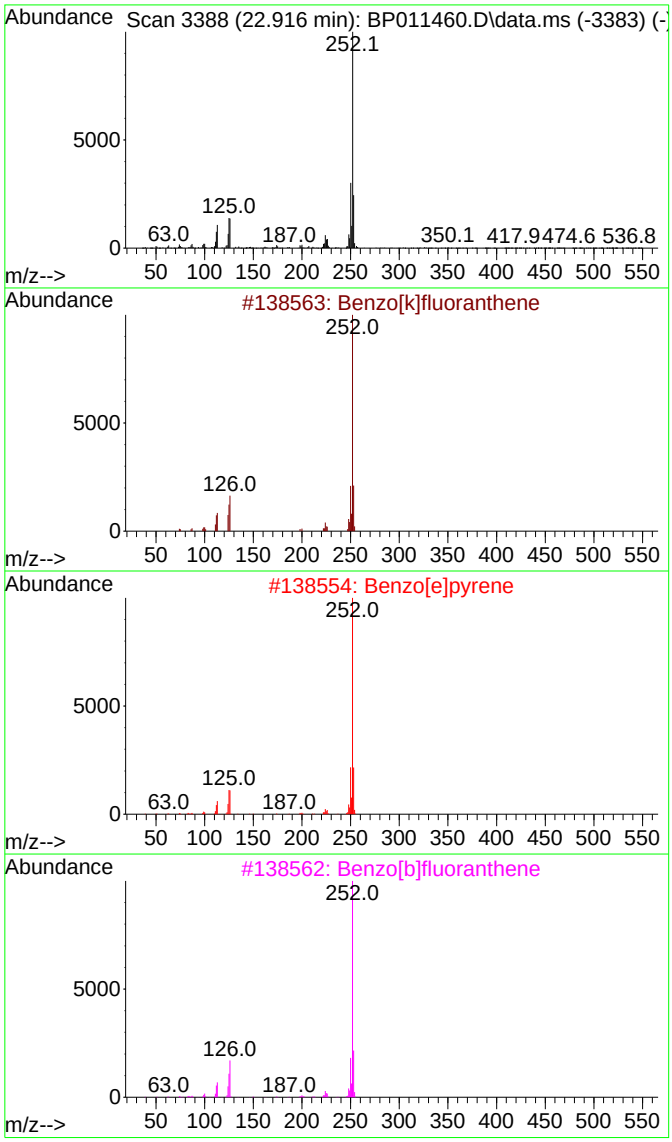
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

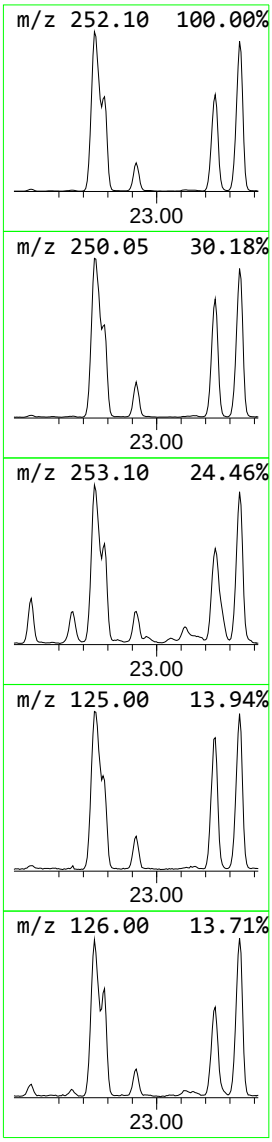
****

Peak Number 35 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.916	10.16 ng/ul	796202	Perylene-d12	23.439

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	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

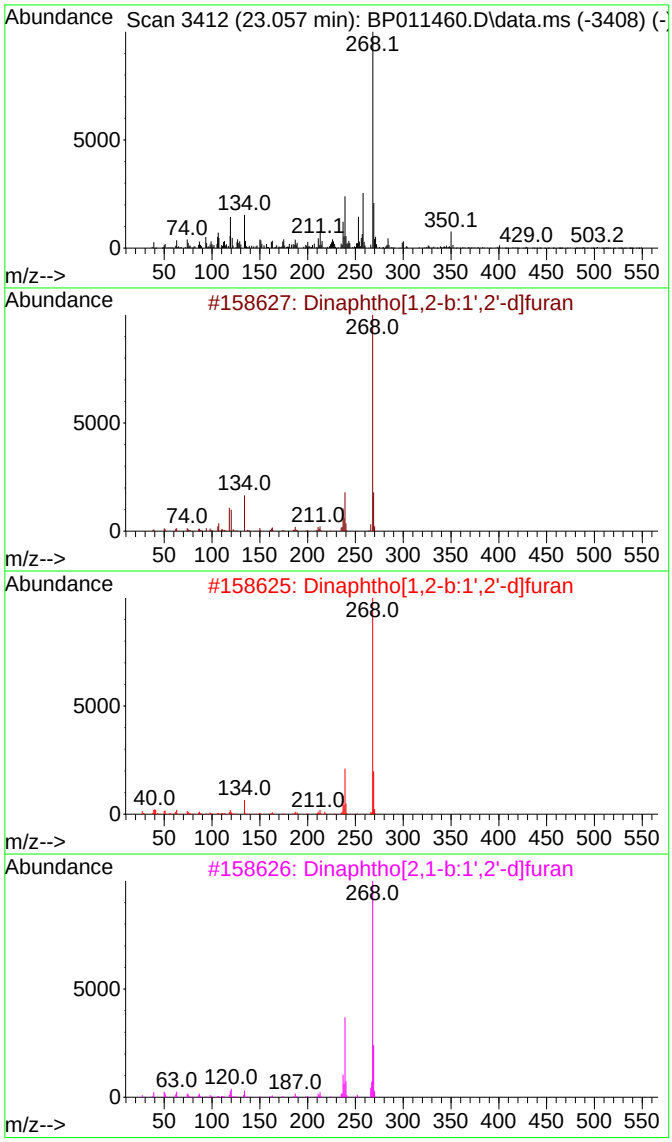
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

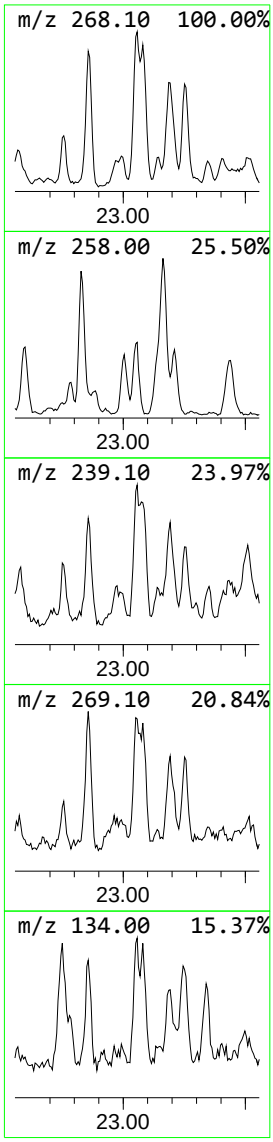
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.057	5.79 ng/ul	453576	Perylene-d12	23.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	86
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58
5	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011460.D
Acq On : 17 Aug 2022 13:39
Operator : CG/JU
Sample : N4173-07DL 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7P3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.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
Naphthalene, 1,...	13.546	3.3	ng/ul	246748	3	14.234	1485640	20.0
Dibenzofuran, 4...	15.587	3.8	ng/ul	278983	3	14.234	1485640	20.0
6H-Dibenzo[b,d]...	15.740	4.6	ng/ul	364588	4	17.004	1571860	20.0
9H-Fluorene, 1-...	16.304	3.7	ng/ul	291346	4	17.004	1571860	20.0
9H-Fluoren-9-one	16.657	8.0	ng/ul	631332	4	17.004	1571860	20.0
4-(4-Methylphen...	16.740	3.5	ng/ul	276204	4	17.004	1571860	20.0
Naphtho[1,2-b]t...	16.822	5.9	ng/ul	463829	4	17.004	1571860	20.0
Dibenzo[a,e]cyc...	17.534	3.3	ng/ul	262749	4	17.004	1571860	20.0
4-Methylnaphtho...	17.592	3.5	ng/ul	273202	4	17.004	1571860	20.0
Anthracene, 1-m...	17.887	14.9	ng/ul	1174930	4	17.004	1571860	20.0
Phenanthrene, 2...	17.934	18.1	ng/ul	1424220	4	17.004	1571860	20.0
1H-Cyclopropa[l...	18.010	4.6	ng/ul	362770	4	17.004	1571860	20.0
4H-Cyclopenta[d...	18.075	20.3	ng/ul	1593230	4	17.004	1571860	20.0
Phenanthrene, 1...	18.110	9.6	ng/ul	754996	4	17.004	1571860	20.0
Naphthalene, 2-...	18.381	10.3	ng/ul	807580	4	17.004	1571860	20.0
9,10-Anthracene...	18.422	20.1	ng/ul	1581120	4	17.004	1571860	20.0
Anthracene, 2-e...	18.616	3.9	ng/ul	310014	4	17.004	1571860	20.0
Phenanthrene, 3...	18.663	2.5	ng/ul	199632	4	17.004	1571860	20.0
Phenanthrene, 2...	18.704	2.3	ng/ul	183212	4	17.004	1571860	20.0
di-p-Tolylacety...	18.787	9.5	ng/ul	749520	4	17.004	1571860	20.0
unknown-01	18.845	5.2	ng/ul	404602	4	17.004	1571860	20.0
Cyclopenta(def)...	18.928	11.2	ng/ul	880290	4	17.004	1571860	20.0
Pyrene, 1-methyl-	19.716	2.8	ng/ul	1120600	5	21.139	7915520	20.0
Fluoranthene, 2...	20.039	3.0	ng/ul	1178610	5	21.139	7915520	20.0
11H-Benzo[a]flu...	20.622	2.9	ng/ul	1133100	5	21.139	7915520	20.0
Benzo[b]naphtho...	20.786	2.6	ng/ul	1034300	5	21.139	7915520	20.0
Cyclopenta[cd]p...	20.863	3.0	ng/ul	1168730	5	21.139	7915520	20.0
7H-Benz[de]anth...	20.922	2.5	ng/ul	1008200	5	21.139	7915520	20.0
Benzo[e]pyrene	22.916	10.2	ng/ul	796202	6	23.439	1567340	20.0
Dinaphtho[1,2-b...	23.057	5.8	ng/ul	453576	6	23.439	1567340	20.0