LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBXK6MEDL

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-BP120722.M
Title : SVOA CALIBRATION

Signal : TIC: BP013079.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.793	100	103	114	rBV	193753	325698	0.74%	0.079%
2	7.122	662	669	678	rBV	989117	1521129	3.45%	0.368%
3	7.293	691	698	707	rVB	847558	1304218	2.96%	0.316%
4	7.499	726	733	741	rBV	944745	1483552	3.37%	0.359%
5	7.969	805	813	821	rBV	1921906	2989295	6.78%	0.724%
6	8.675	926	933	949	rBV	1401415	2196375	4.98%	0.532%
7	9.134	1004	1011	1023	rBV	985044	1630188	3.70%	0.395%
8	9.863	1127	1135	1146	rBV	827475	1352950	3.07%	0.328%
9	10.398	1218	1226	1241	rBV	1448950	2416350	5.48%	0.585%
10	10.787	1282	1292	1298	rBV	2621064	4539375	10.30%	1.099%
11	10.922	1307	1315	1326	rBV	854398	1492730	3.39%	0.361%
12	14.016	1832	1841	1846	rVV	3184809	4432957	10.06%	1.073%
13	14.304	1883	1890	1909	rBV	3432620	5412626	12.28%	1.311%
14	14.498	1918	1923	1928	rBV	277651	362082	0.82%	0.088%
15	14.610	1932	1942	1948	rVV	4300610	6340078	14.38%	1.535%
16	14.675	1948	1953	1960	rVB	1044979	1523966	3.46%	0.369%
17	14.798	1968	1974	1986	rBV	914712	1485152	3.37%	0.360%
18	15.004	2004	2009	2016	rBV	896690	1416282	3.21%	0.343%
19	15.445	2079	2084	2089	rVB	402705	558444	1.27%	0.135%
20	15.604	2104	2111	2116	rBV	4630376	6686746	15.17%	1.619%
21	15.657	2116	2120	2125	rVB	2243796	2972702	6.74%	0.720%
22	15.722	2125	2131	2135	rBV	1220232	1638748	3.72%	0.397%
23	15.780	2138	2141	2145	rVB2	205769	243489	0.55%	0.059%
24	15.857	2152	2154	2159	rVV2	181374	231829	0.53%	0.056%
25	15.951	2166	2170	2176	rVB	533793	787092	1.79%	0.191%
26	16.098	2187	2195	2203	rBV	510715	1174428	2.66%	0.284%
27	16.310	2227	2231	2234	rBV	947574	1362348	3.09%	0.330%
28	16.663	2287	2291	2296	rVV2	459995	790563	1.79%	0.191%
29	16.716	2297	2300	2306	rVB2	257742	365527	0.83%	0.089%
30	16.816	2314	2317	2322	rVB2	196112	257129	0.58%	0.062%
31	16.892	2323	2330	2333	rBV2	387834	659121	1.50%	0.160%
32	16.933	2334	2337	2341	rVB4	260558	336828	0.76%	0.082%
33	17.016	2347	2351	2357	rVB	742827	1035761	2.35%	0.251%
34	17.110	2360	2367	2372	rVV3	1010668	1876316	4.26%	0.454%
35	17.180	2372	2379	2387	rVB2	1024134	2157749	4.89%	0.522%
36	17.369	2405	2411	2414	rBV	5170450	7646057	17.35%	1.851%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

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-BP120722.M
Title : SVOA CALIBRATION

37	17.410	2414	2418	2423	rVV	13653136	19225541	43.61%	4.655%
38	17.469	2423	2428	2430	rVV	5133533	7531435	17.09%	1.824%
39	17.510	2430	2435	2440	rVV2	26564194	44080999	100.00%	10.674%
40	17.557	2440	2443	2453	rVV	861501	1598861	3.63%	0.387%
41	17.645	2454	2458	2467	rVV	400208	735806	1.67%	0.178%
42	17.769	2474	2479	2489	rBV	3248035	4855655	11.02%	1.176%
43	17.851	2489	2493	2496	rVV2	827032	1047009	2.38%	0.254%
44	17.880	2496	2498	2504	rVV	604476	835594	1.90%	0.202%
45	17.945	2505	2509	2517	rVB2	380316	682664	1.55%	0.165%
46	18.080	2528	2532	2537	rBV	165640	315738	0.72%	0.076%
47	18.227	2553	2557	2561	rBV	1433712	1953610	4.43%	0.473%
48	18.274	2561	2565	2571	rVB	2118574	2900038	6.58%	0.702%
49	18.357	2573	2579	2584	rBV	1445214	2132240	4.84%	0.516%
50	18.422	2584	2590	2594	rBV	5938847	8991045	20.40%	2.177%
51	18.522	2603	2607	2611	rBV2	866592	1066972	2.42%	0.258%
52	18.563	2611	2614	2618	rBV3	207332	255766	0.58%	0.062%
53	18.610	2619	2622	2626	rVV5	223359	302782	0.69%	0.073%
54	18.710	2635	2639	2643	rBV	1145601	1516358	3.44%	0.367%
55	18.751	2643	2646	2653	rVV2	1106645	1594495	3.62%	0.386%
56	18.827	2657	2659	2664	rVB	192460	217316	0.49%	0.053%
57	18.916	2671	2674	2676	rBV3	184113	251592	0.57%	0.061%
58	18.945	2676	2679	2684	rVV3	502228	827428	1.88%	0.200%
59	18.998	2685	2688	2691	rVV	435928	555791	1.26%	0.135%
60	19.033	2691	2694	2698	rVB	479301	562148	1.28%	0.136%
61	19.121	2703	2709	2713	rBV2	1025391	2103274	4.77%	0.509%
62	19.174	2714	2718	2721	rBV2	523275	738841	1.68%	0.179%
63	19.257	2727	2732	2740	rBV	2939830	4759560	10.80%	1.152%
64	19.380	2746	2753	2758	rVB2	29133979	43600949	98.91%	10.558%
65	19.427	2758	2761	2764	rVV	430564	552400	1.25%	0.134%
66	19.463	2764	2767	2773	rVB	740826	988083	2.24%	0.239%
67	19.610	2785	2792	2796	rVB2	1358736	2053860	4.66%	0.497%
68	19.698	2801	2807	2809	rBV3	11417639	17630115	39.99%	4.269%
69	19.733	2809	2813	2819	rVV	25643467	37058536	84.07%	8.973%
70	19.792	2819	2823	2829	rVB2	1230933	1768781	4.01%	0.428%
71	19.898	2836	2841	2846	rBV	1920491	2538112	5.76%	0.615%
72	19.963	2847	2852	2858	rVB	1514989	2136990	4.85%	0.517%
73	20.204	2882	2893	2897	rVB2	3382402	7710448	17.49%	1.867%
74	20.304	2905	2910	2913	rBV	1507303	2060484	4.67%	0.499%
75	20.357	2913	2919	2923	rVV2	2200627	4196234	9.52%	1.016%
76	20.398	2923	2926	2929	rVB	753149	849399	1.93%	0.206%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBXK6MEDL

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-BP120722.M
Title : SVOA CALIBRATION

77	20.433	2929	2932	2937	rVB2	560986	797339	1.81%	0.193%
78	20.498	2939	2943	2946	rBV	1553125	2005539	4.55%	0.486%
79	20.539	2947	2950	2954	rVB2	1134257	1395645	3.17%	0.338%
80	20.686	2972	2975	2980	rVB	525386	628118	1.42%	0.152%
81	20.933	3013	3017	3023	rBV	1877877	2580276	5.85%	0.625%
82	21.098	3039	3045	3048	rBV2	2305412	3513346	7.97%	0.851%
83	21.139	3048	3052	3055	rVV3	2660806	3634400	8.24%	0.880%
84	21.174	3055	3058	3063	rVV2	2639807	3964349	8.99%	0.960%
85	21.227	3063	3067	3077	rVB2	1679946	2845337	6.45%	0.689%
86	21.333	3079	3085	3093	rVV2	674935	1479519	3.36%	0.358%
87	21.439	3094	3103	3109	rVV2	10336629	23902053	54.22%	5.788%
88	21.492	3109	3112	3122	rVB	9784543	13644782	30.95%	3.304%
89	21.621	3130	3134	3140	rVB2	749787	1131816	2.57%	0.274%
90	21.780	3157	3161	3167	rBV2	990973	1655937	3.76%	0.401%
91	21.839	3168	3171	3180	rVB3	484400	811925	1.84%	0.197%
92	22.045	3203	3206	3212	rVB2	859105	1267496	2.88%	0.307%
93	22.263	3240	3243	3247	rBV	483937	766348	1.74%	0.186%
94	23.180	3392	3399	3405	rBV	5515043	13971343	31.69%	3.383%
95	23.374	3428	3432	3438	rVB	594687	1021675	2.32%	0.247%
96	23.721	3485	3491	3496	rBV	2411776	4834788	10.97%	1.171%
97	23.780	3496	3501	3505	rVV2	3087685	6341602	14.39%	1.536%
98	23.833	3506	3510	3518	rVV	2618015	5057777	11.47%	1.225%
99	23.939	3522	3528	3534	rVV2	2931986	6237186	14.15%	1.510%
100	23.998	3535	3538	3547	rVB2	836564	1703239	3.86%	0.412%

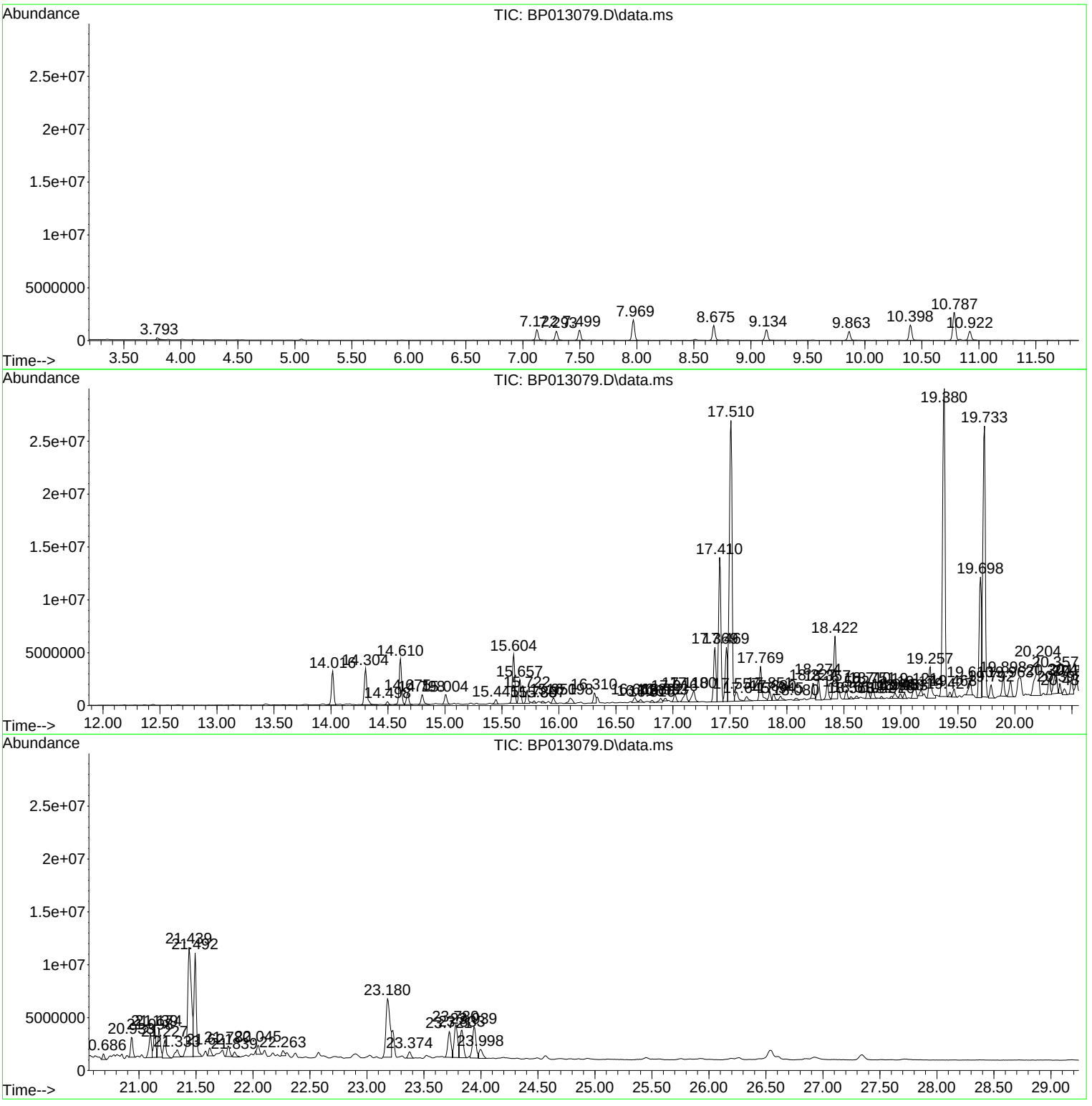
Sum of corrected areas: 412980664

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

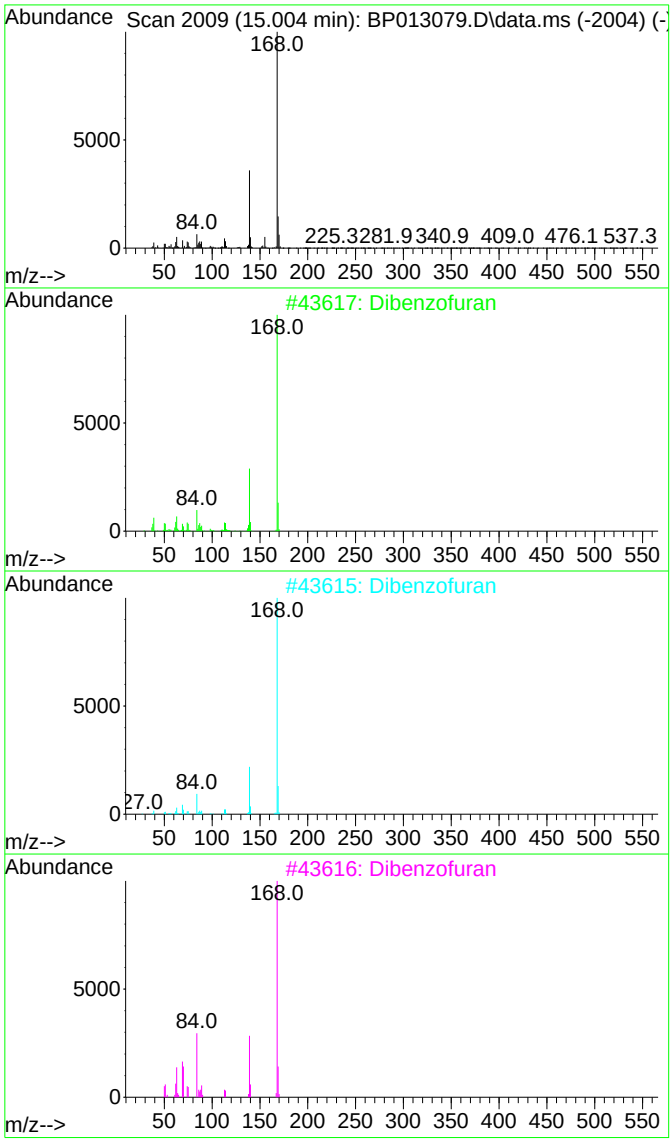
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

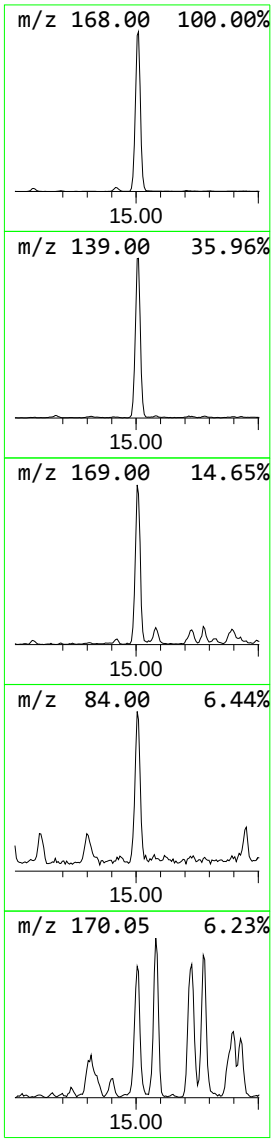
****

Peak Number 1 Dibenzo furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	4.47 ng/ul	1416280	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	86
2	Dibenzofuran	168	C12H8O	000132-64-9	80
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	64
5	Tioxolone	168	C7H4O3S	004991-65-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

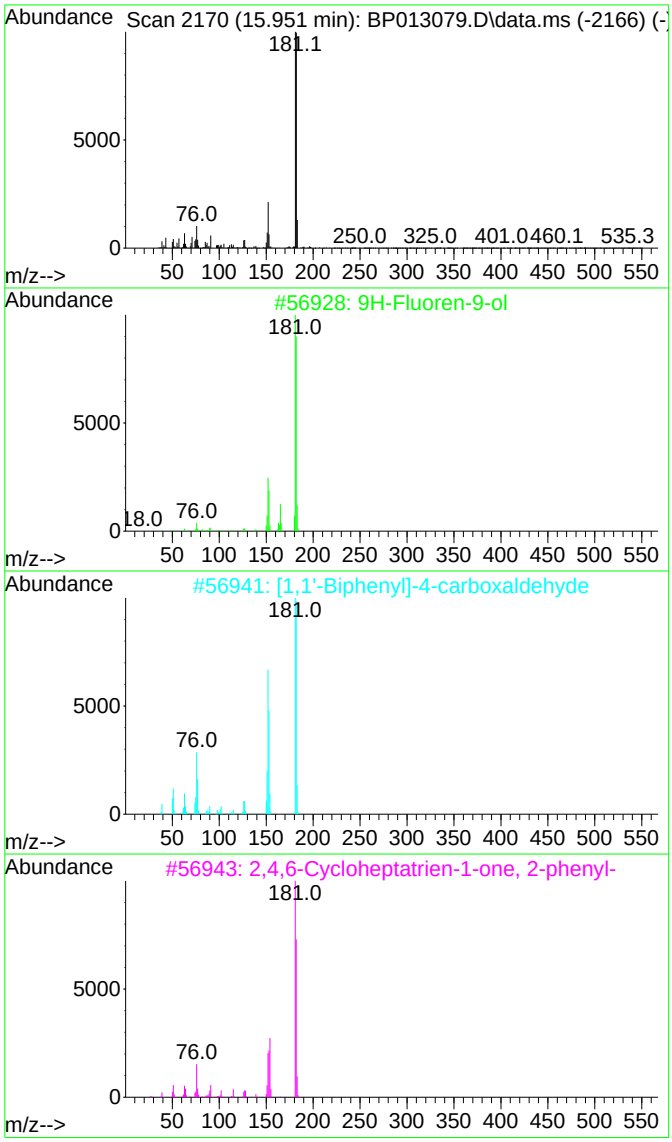
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

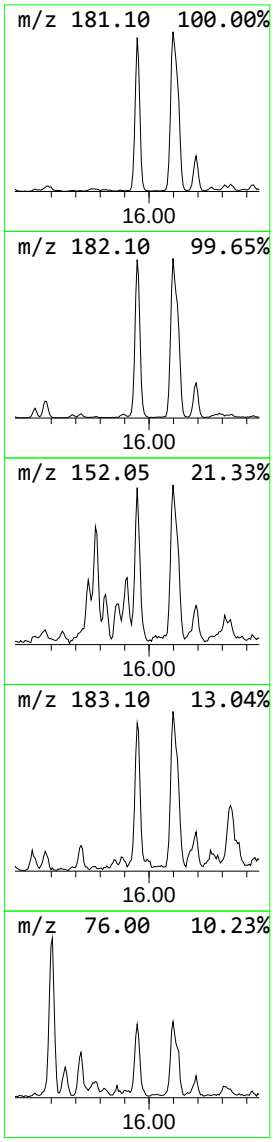
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 9H-Fluoren-9-ol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	2.48 ng/ul	787092	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	3,5-Dimethoxy-4-(ethyl)oxybenzal...	210	C11H14O4	1000395-80-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

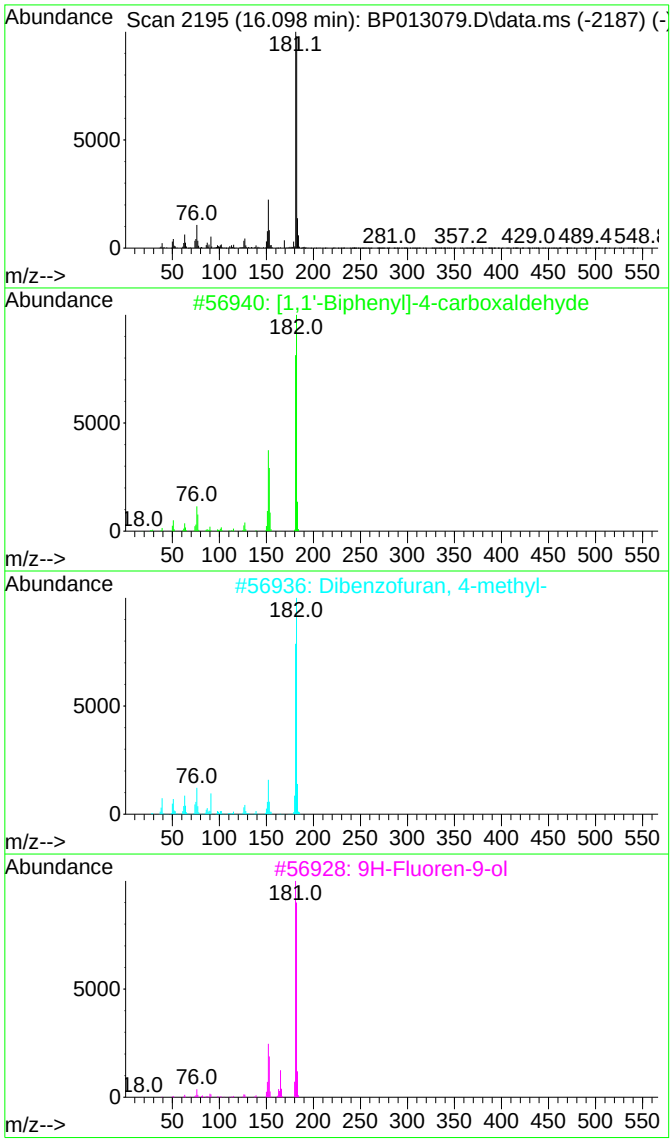
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

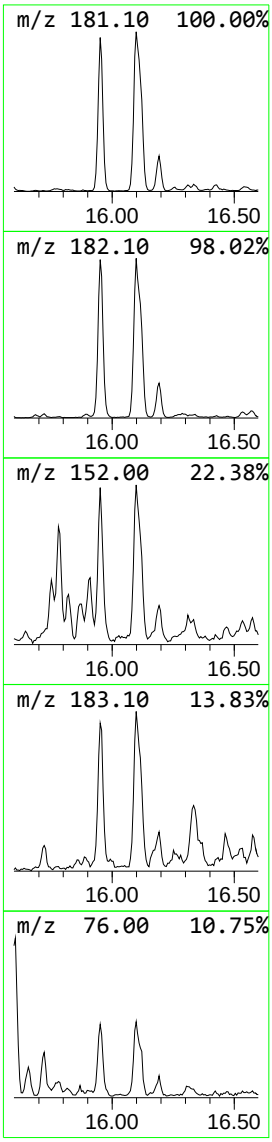
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.098	3.07 ng/ul	1174430	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

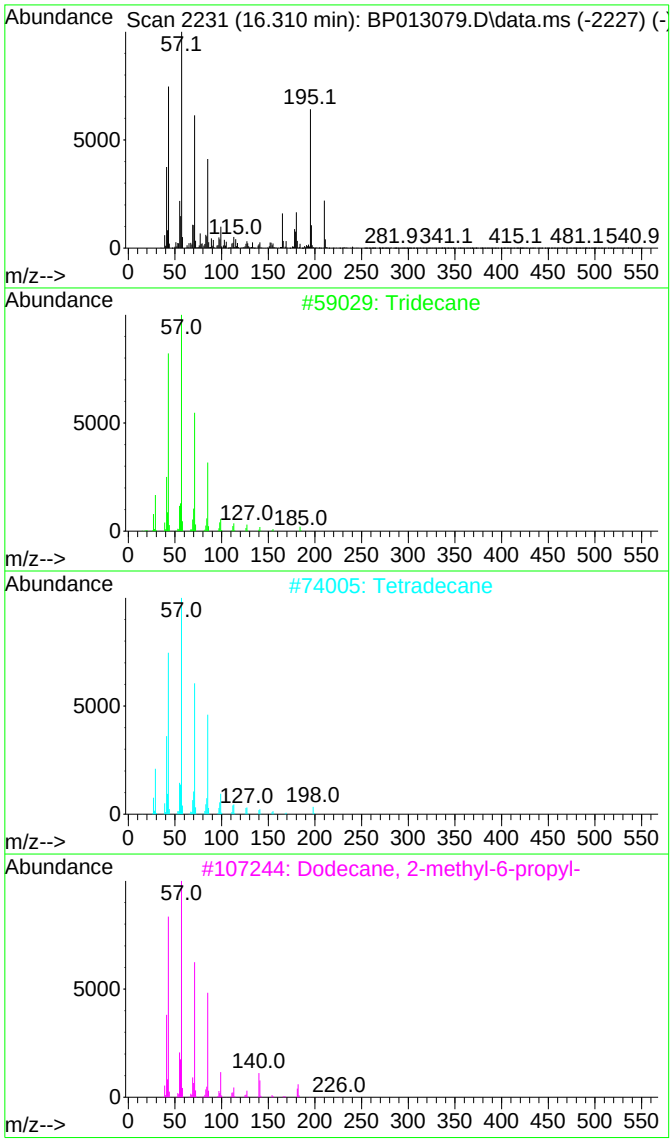
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

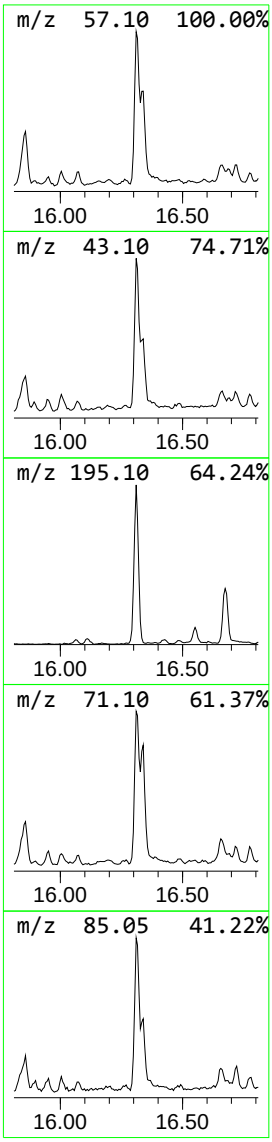
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	3.56 ng/ul	1362350	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Nonadecane	268	C19H40	000629-92-5	50
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

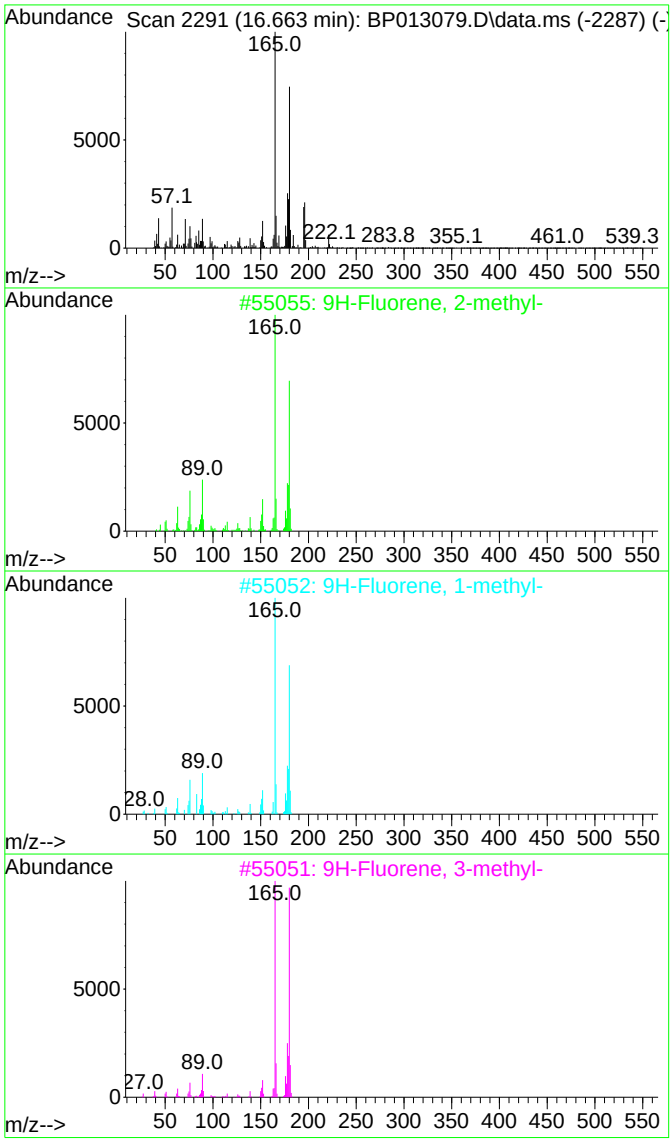
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

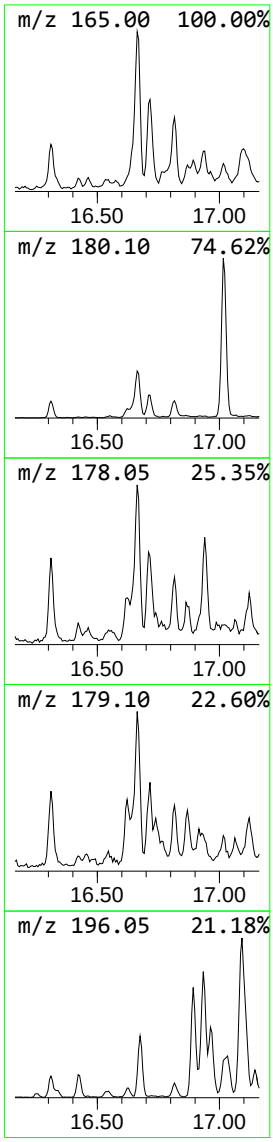
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	2.07 ng/ul	790563	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	62





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Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

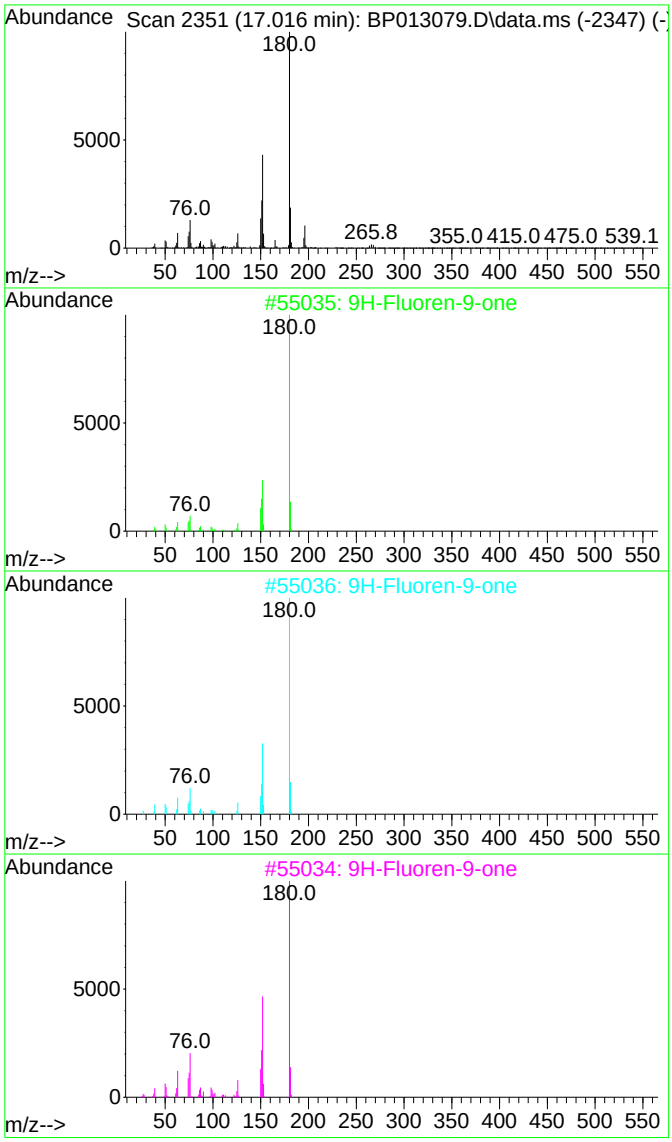
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

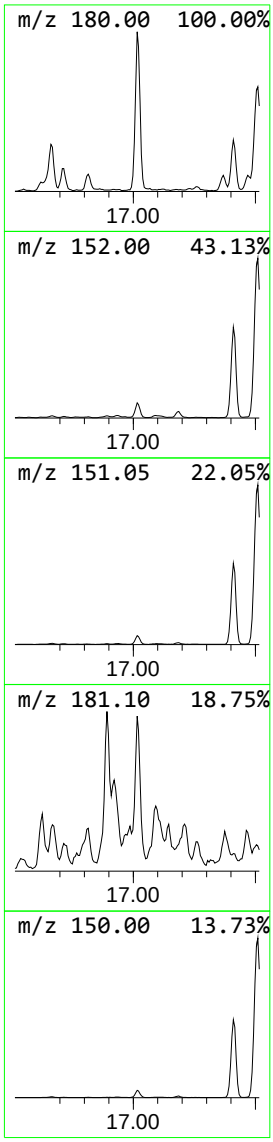
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.016	2.71 ng/ul	1035760	Phenanthrene-d10	17.369

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	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	87





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Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

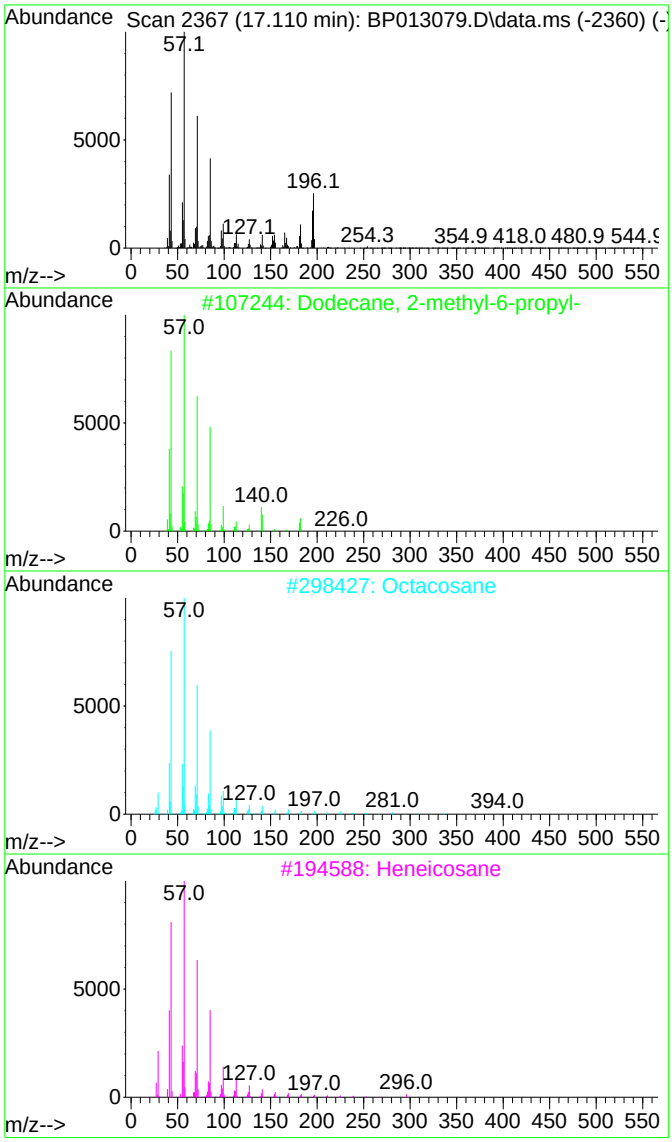
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

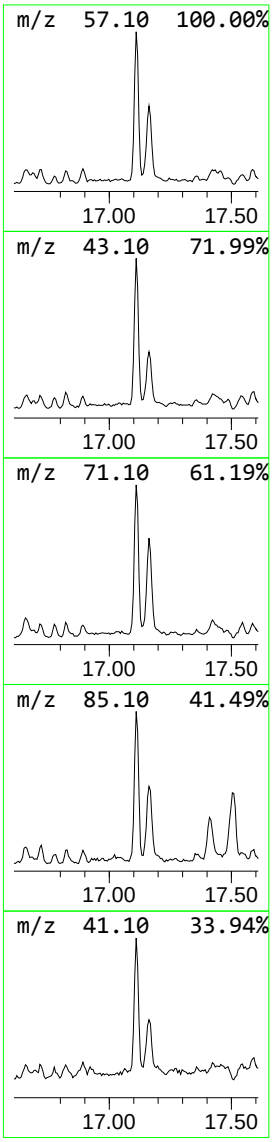
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	4.91 ng/ul	1876320	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Octacosane	394	C28H58	000630-02-4	58
3	Heneicosane	296	C21H44	000629-94-7	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Heptacosane	380	C27H56	000593-49-7	58





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

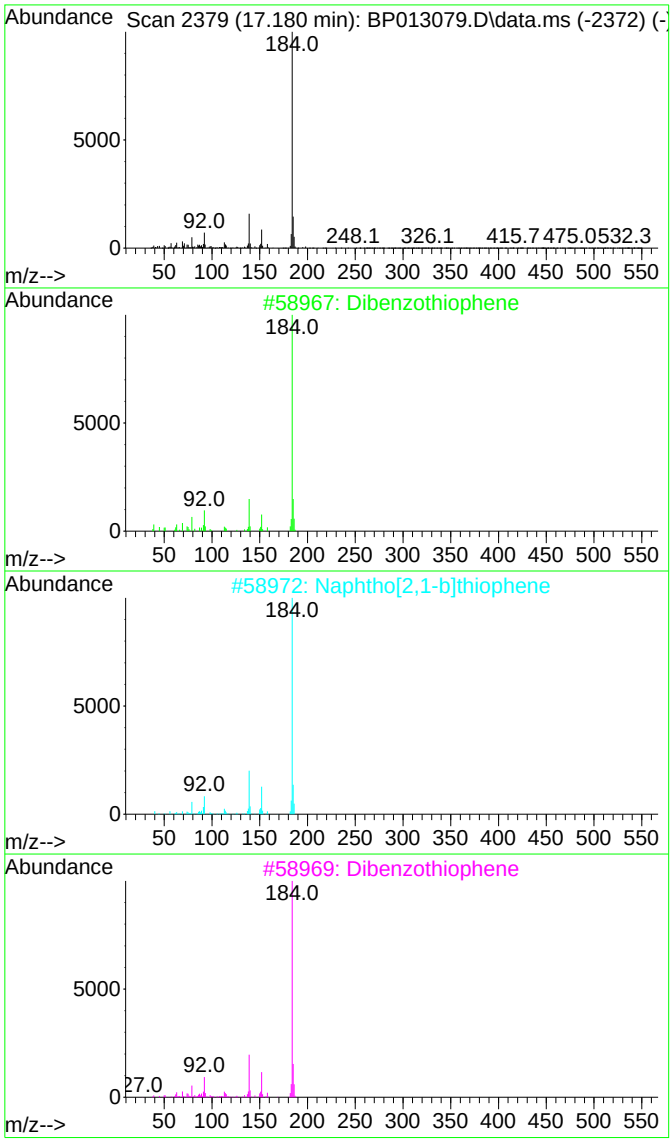
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

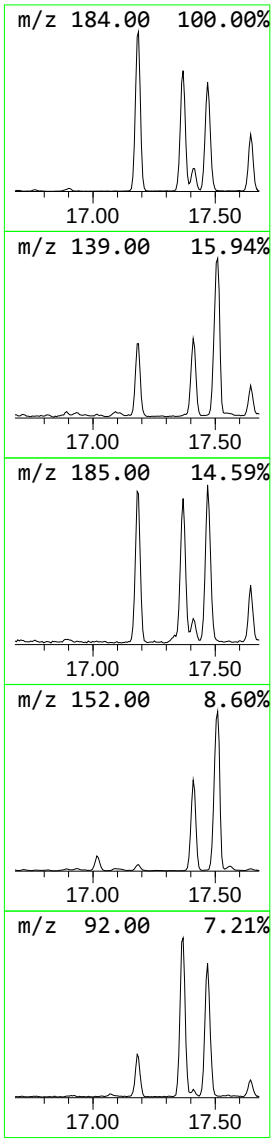
****

Peak Number 8 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	5.64 ng/ul	2157750	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

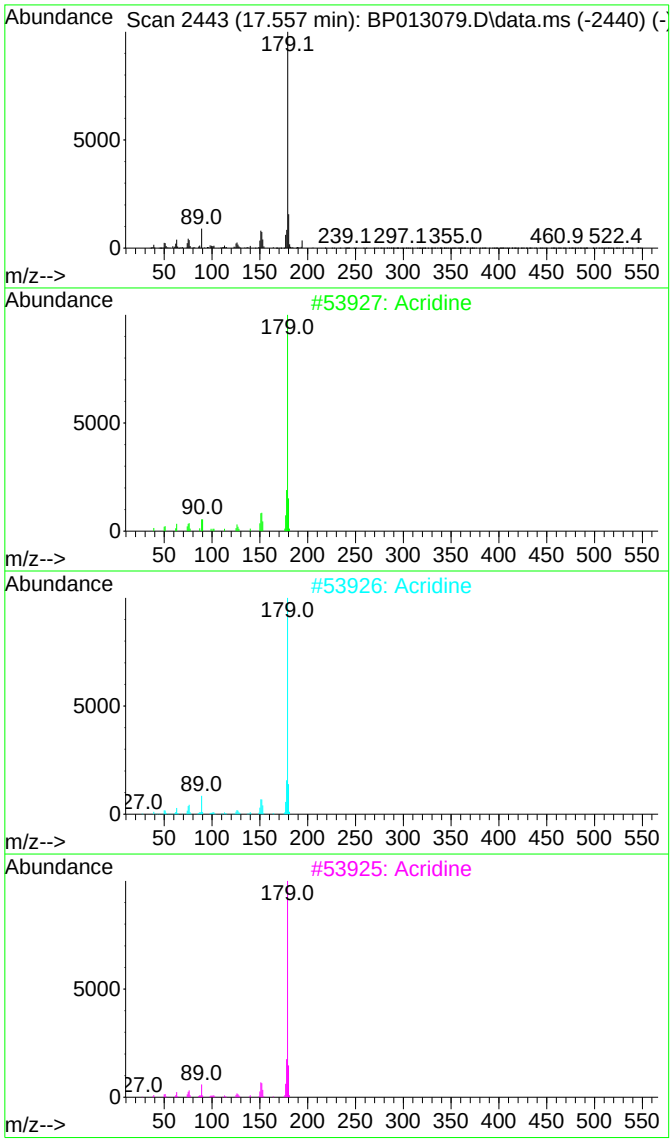
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

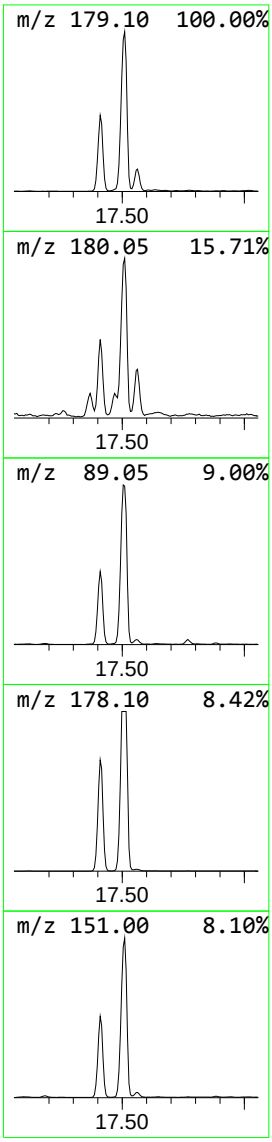
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Acridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.557	4.18 ng/ul	1598860	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Acridine	179	C13H9N	000260-94-6	93
3	Acridine	179	C13H9N	000260-94-6	93
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
5	Acridine	179	C13H9N	000260-94-6	90





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

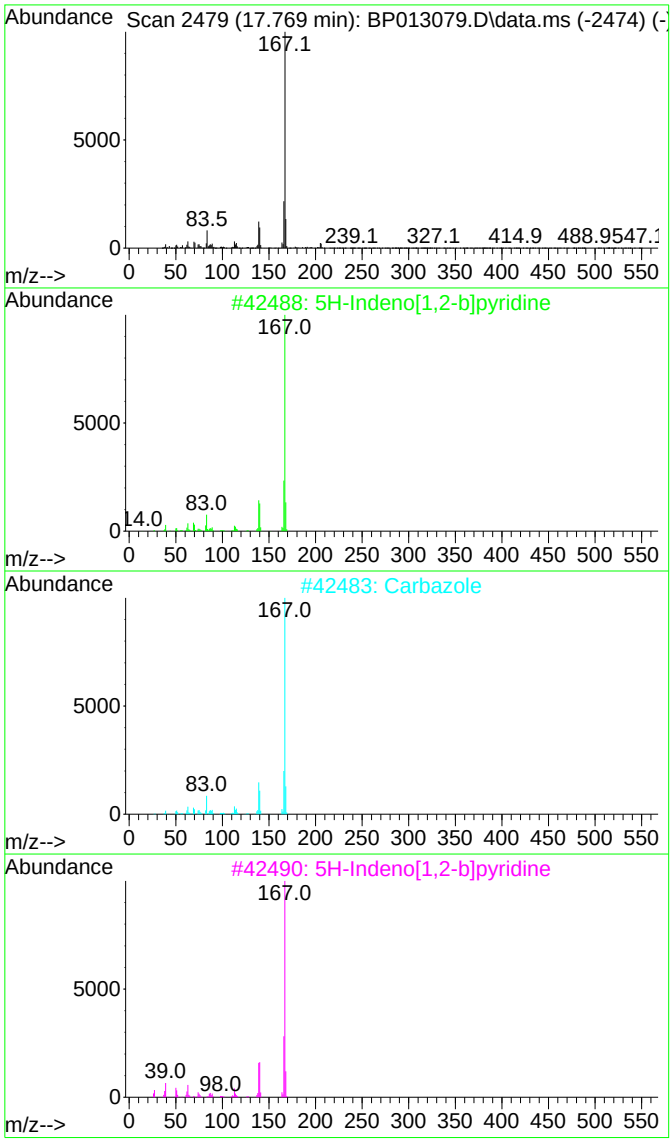
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

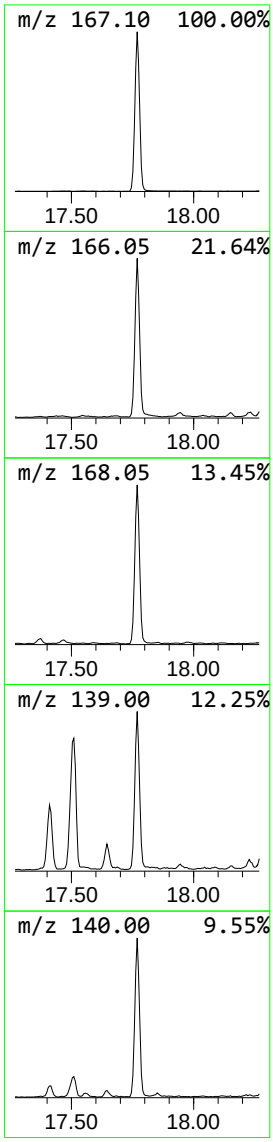
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	12.70 ng/ul	4855660	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	Carbazole	167	C12H9N	000086-74-8	83
5	Carbazole	167	C12H9N	000086-74-8	81





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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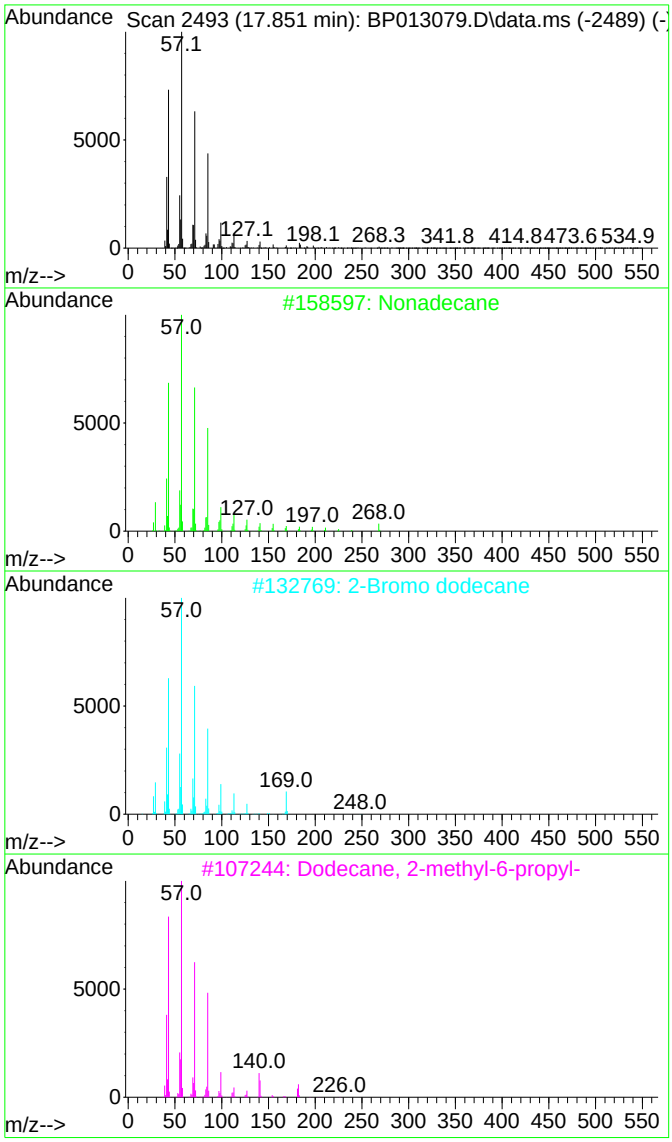
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

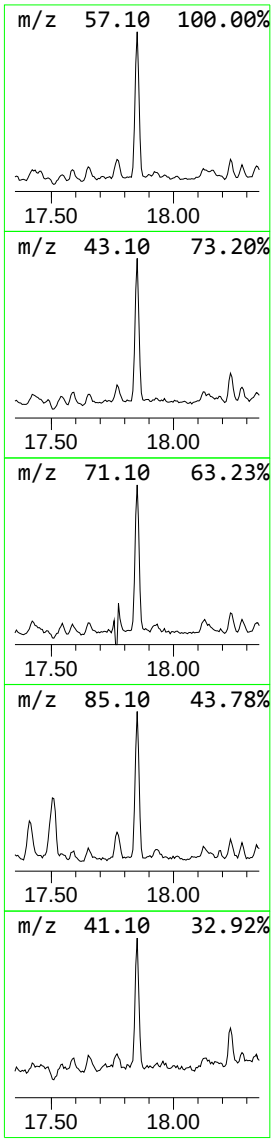
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	2.74 ng/ul	1047010	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heptadecane	240	C17H36	000629-78-7	90





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

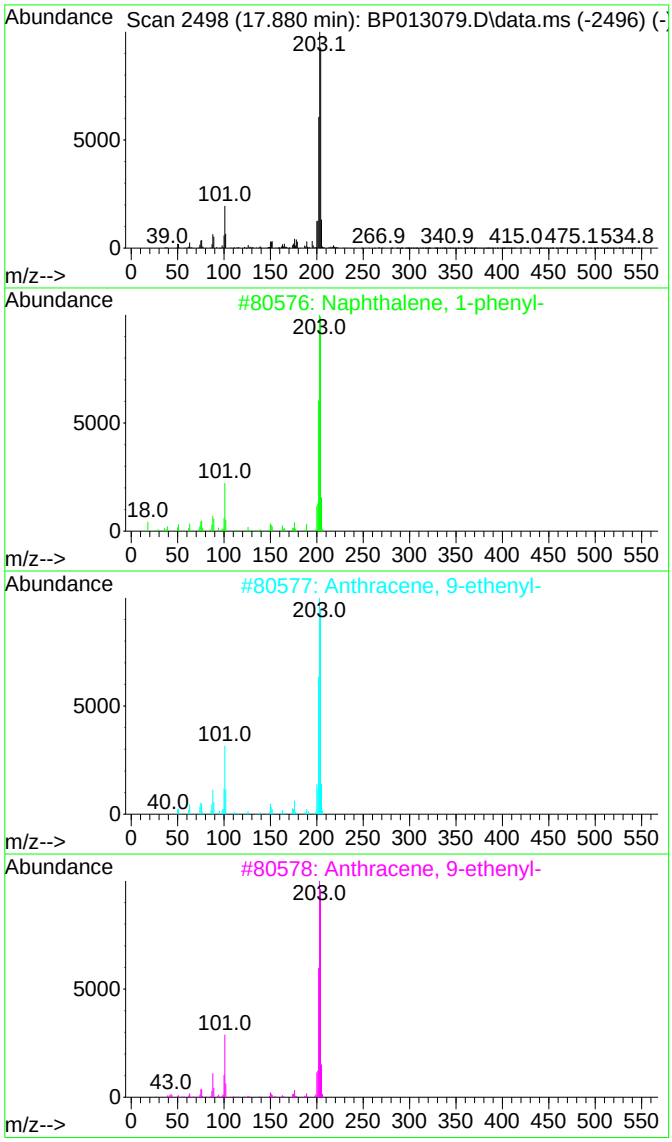
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

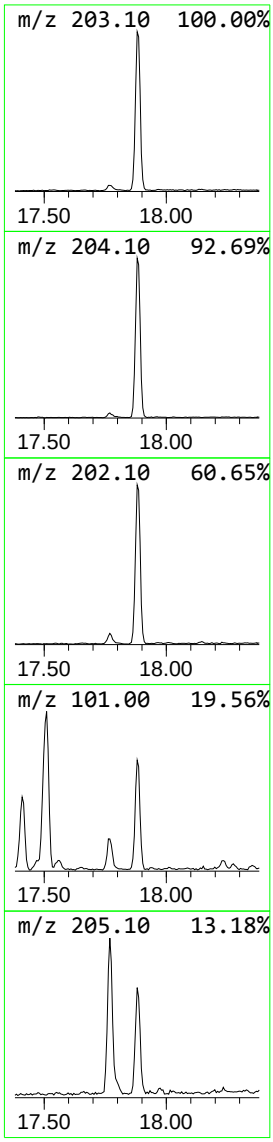
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	2.19 ng/ul	835594	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	81
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

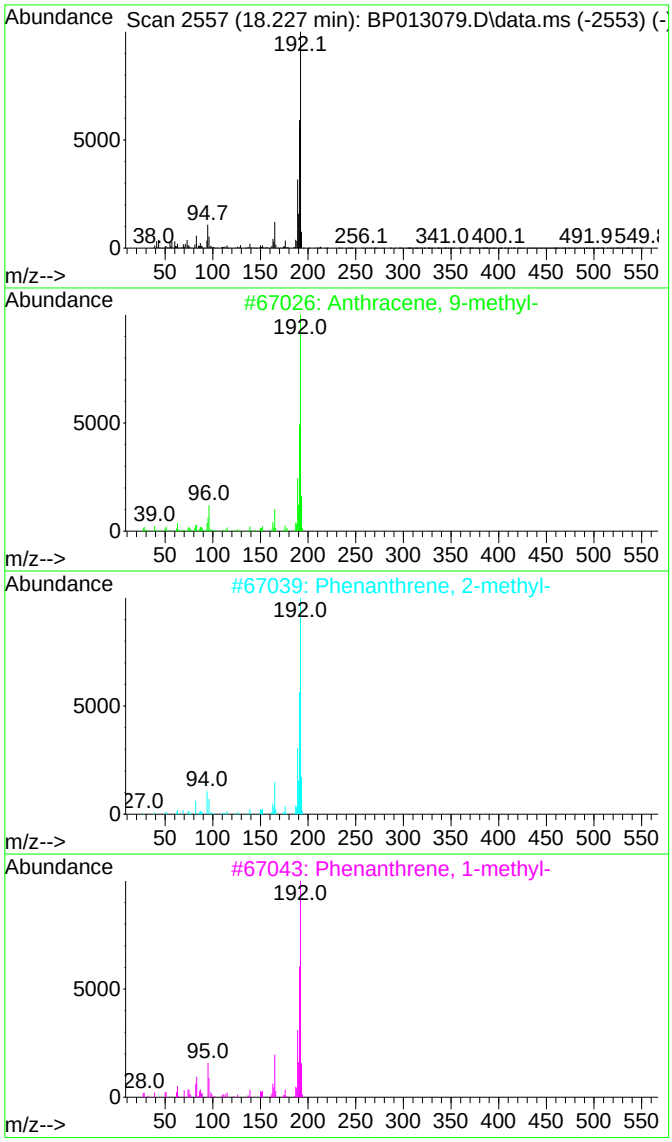
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

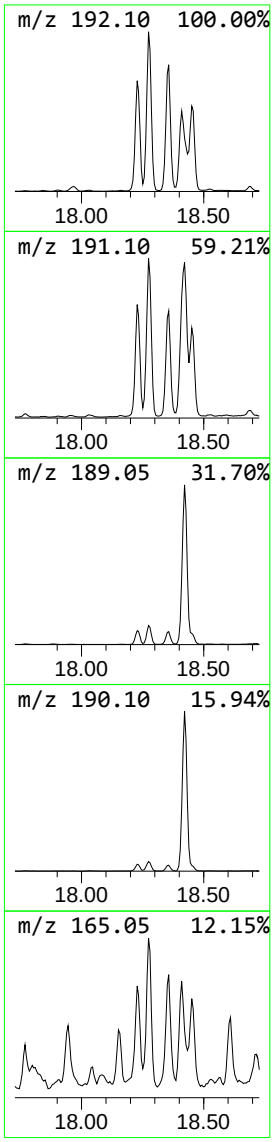
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	5.11 ng/ul	1953610	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

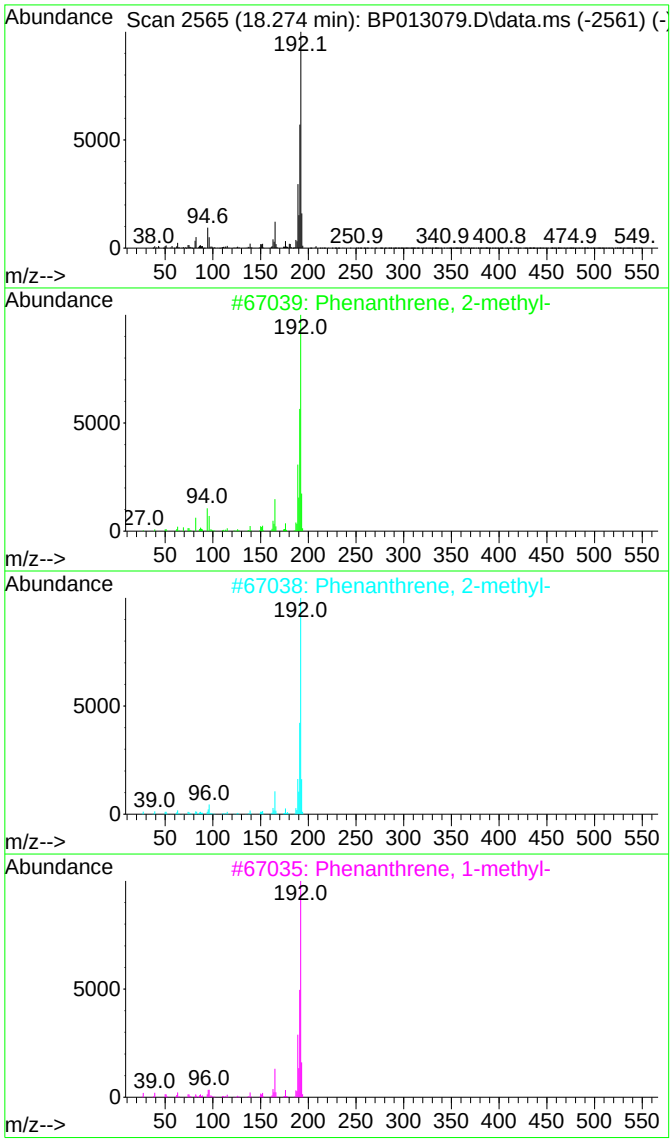
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

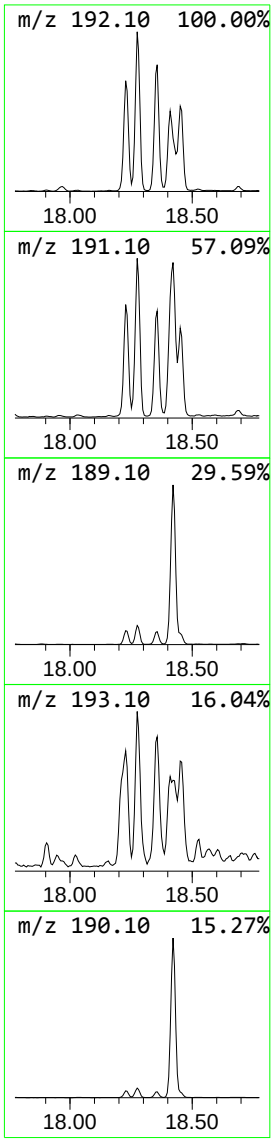
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	7.59 ng/ul	2900040	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

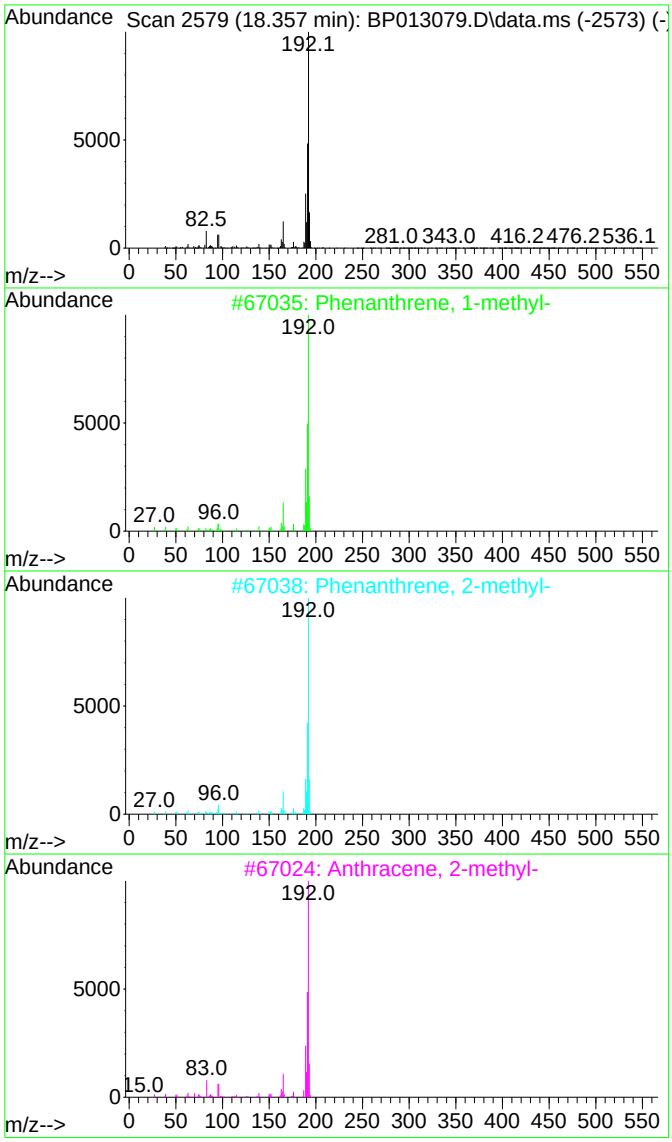
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

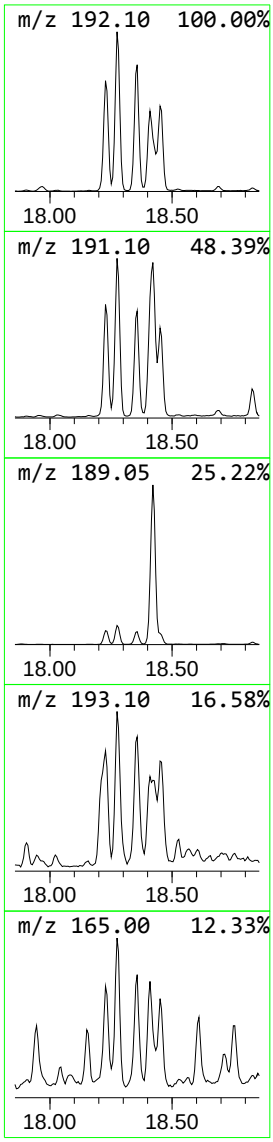
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	5.58 ng/ul	2132240	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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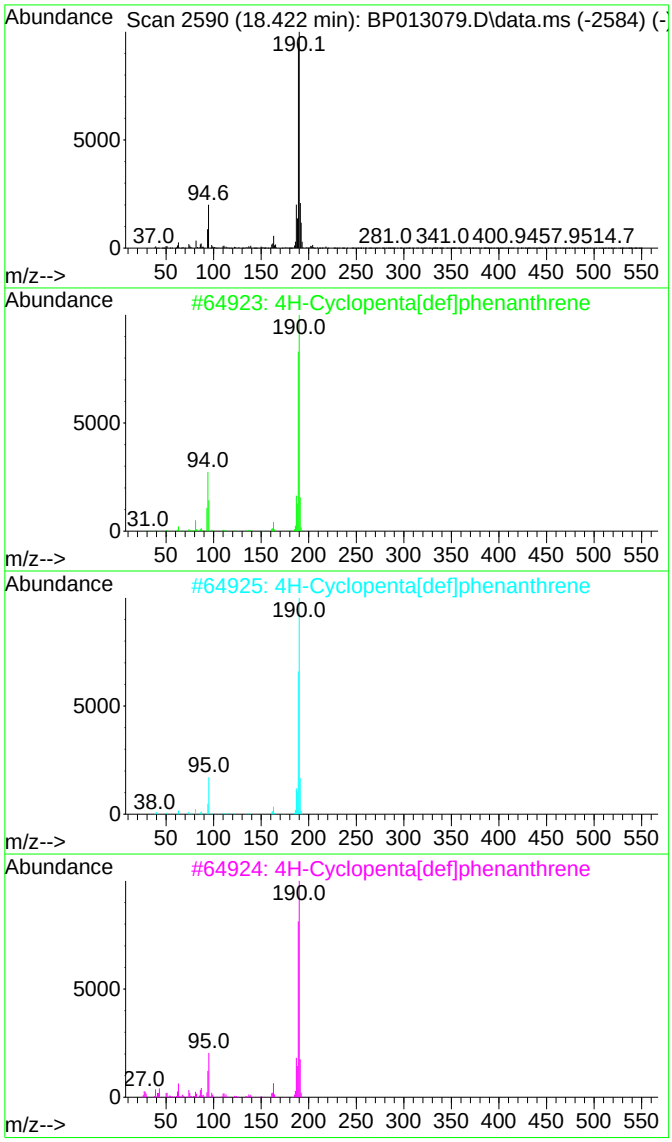
Quant Title : SVOA CALIBRATION

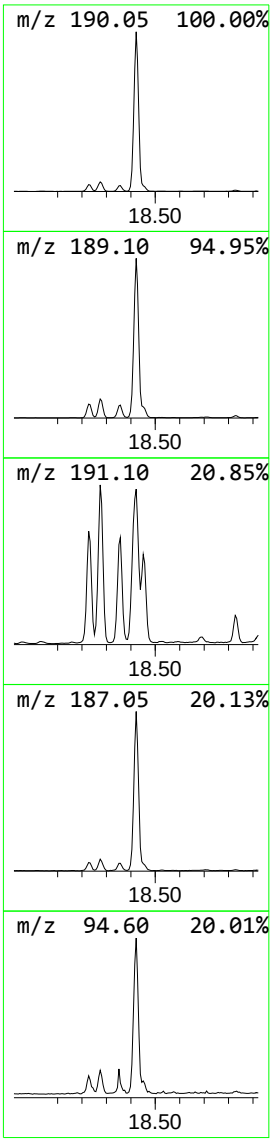
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	23.52 ng/ul	8991050	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

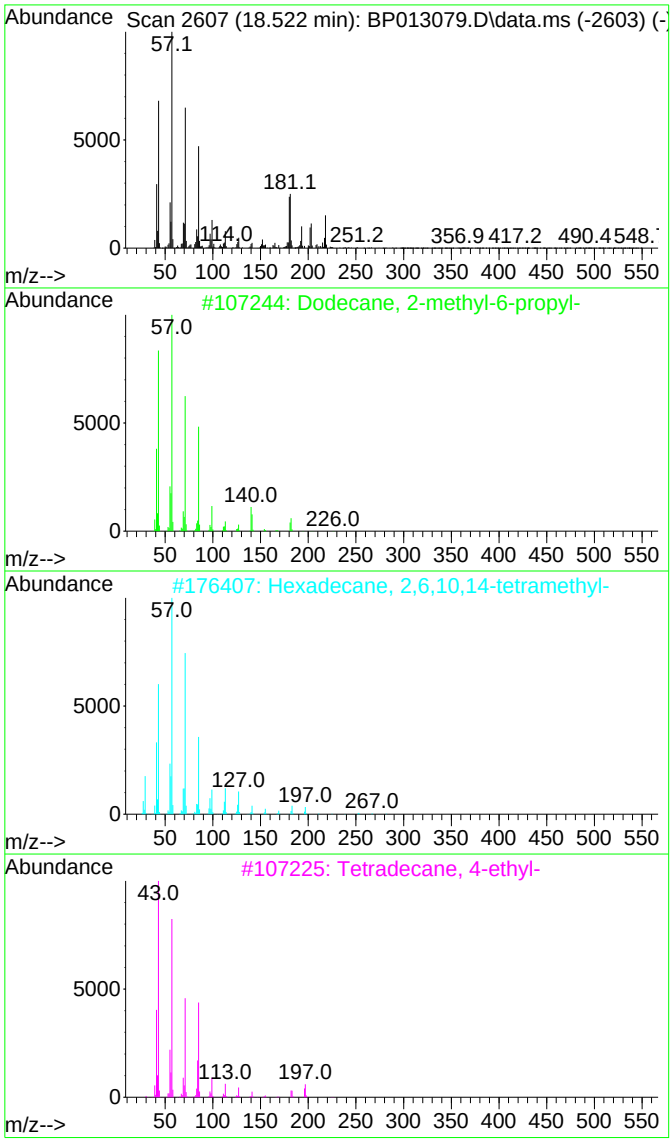
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

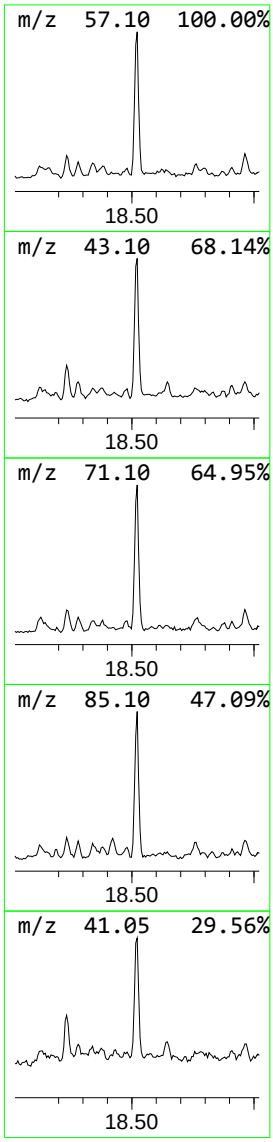
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	2.79 ng/ul	1066970	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	53
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	49
4	Heptacosane	380	C27H56	000593-49-7	49
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	49





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Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

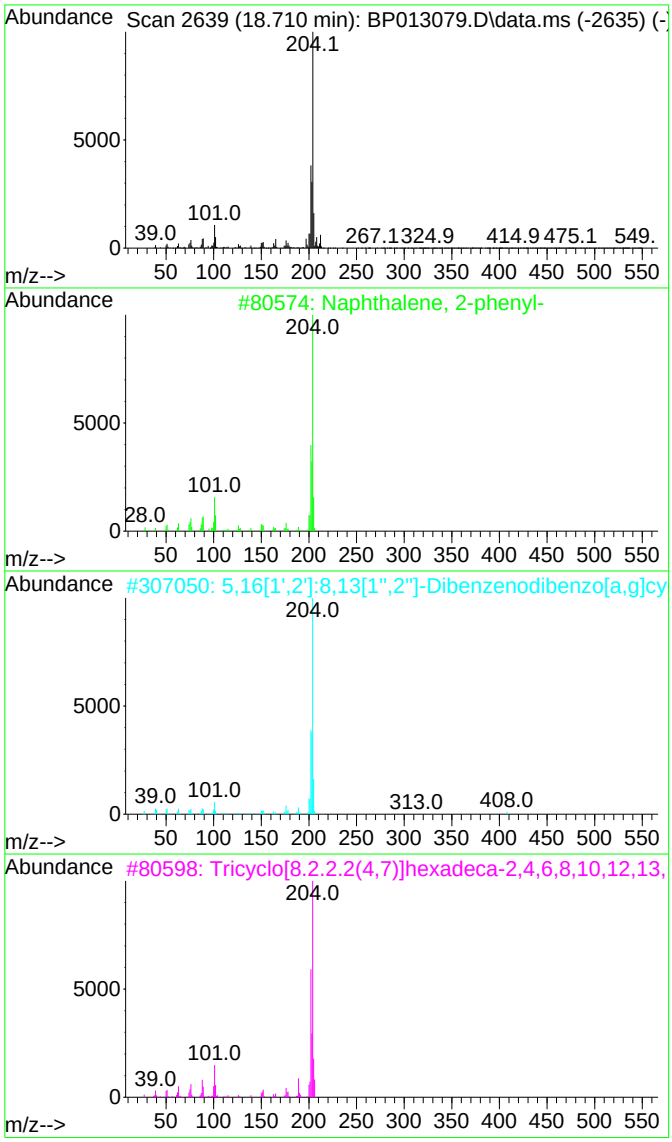
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

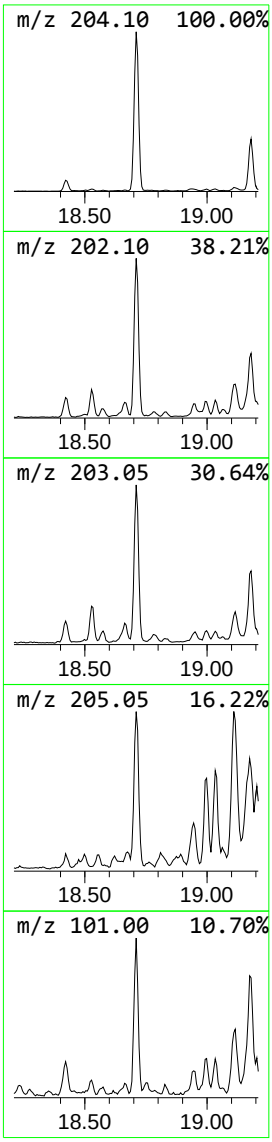
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	3.97 ng/ul	1516360	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

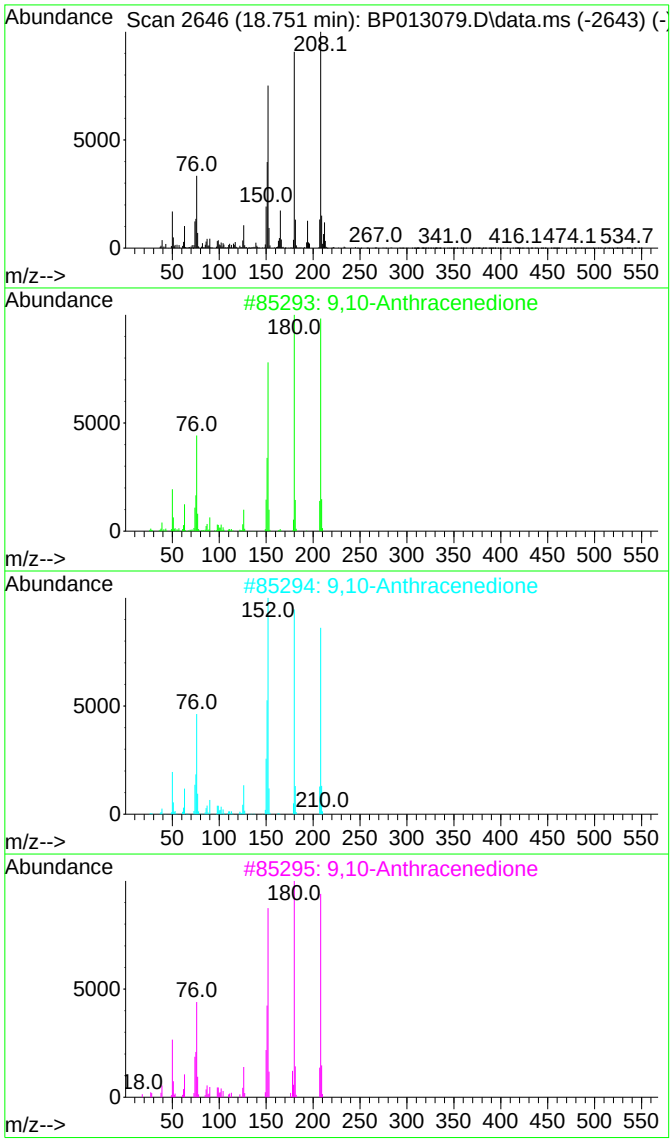
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

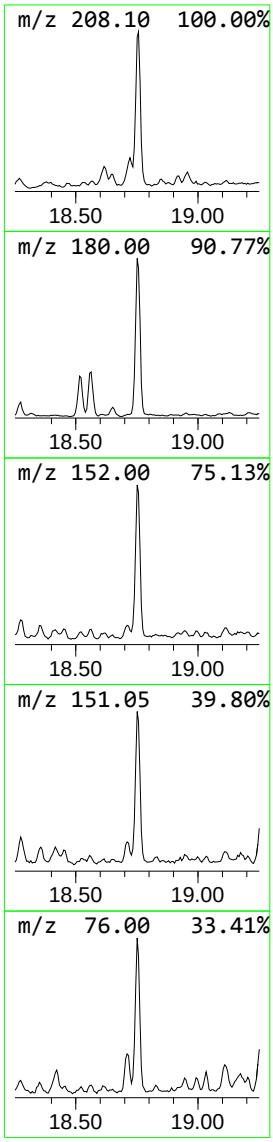
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	4.17 ng/ul	1594500	Phenanthrene-d10	17.369

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

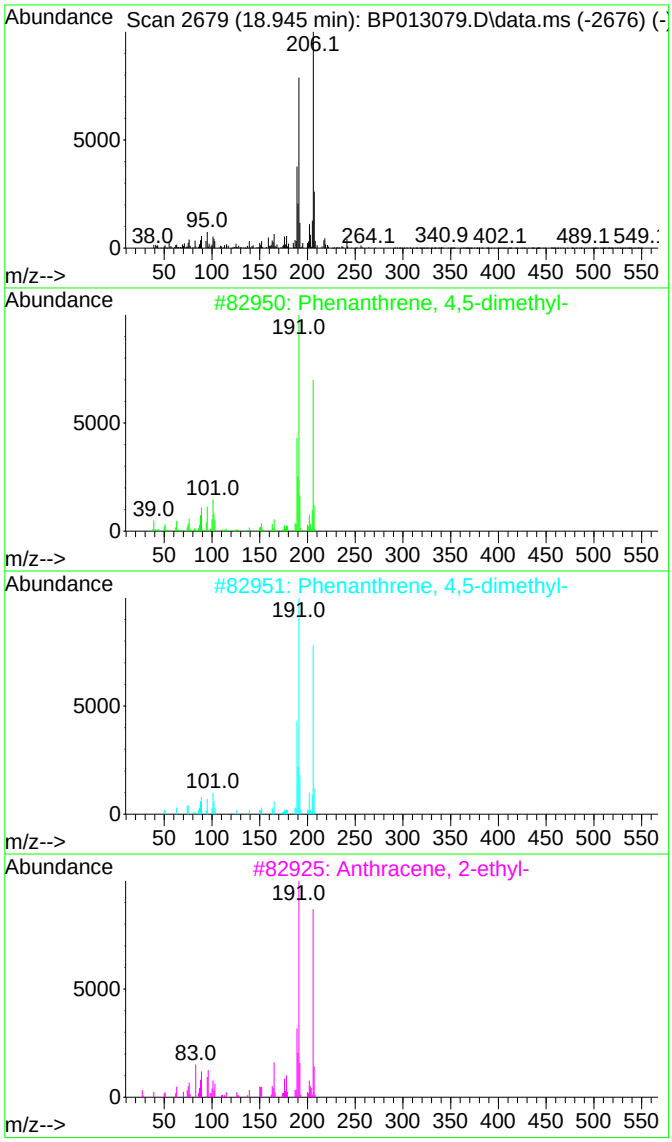
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

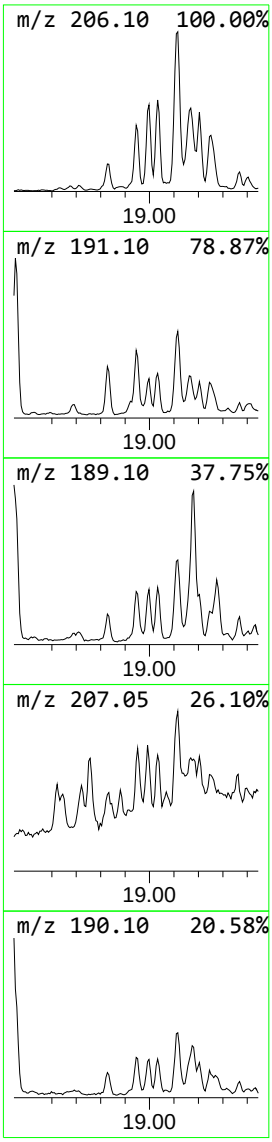
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 4,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.945	2.16 ng/ul	827428	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83





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Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

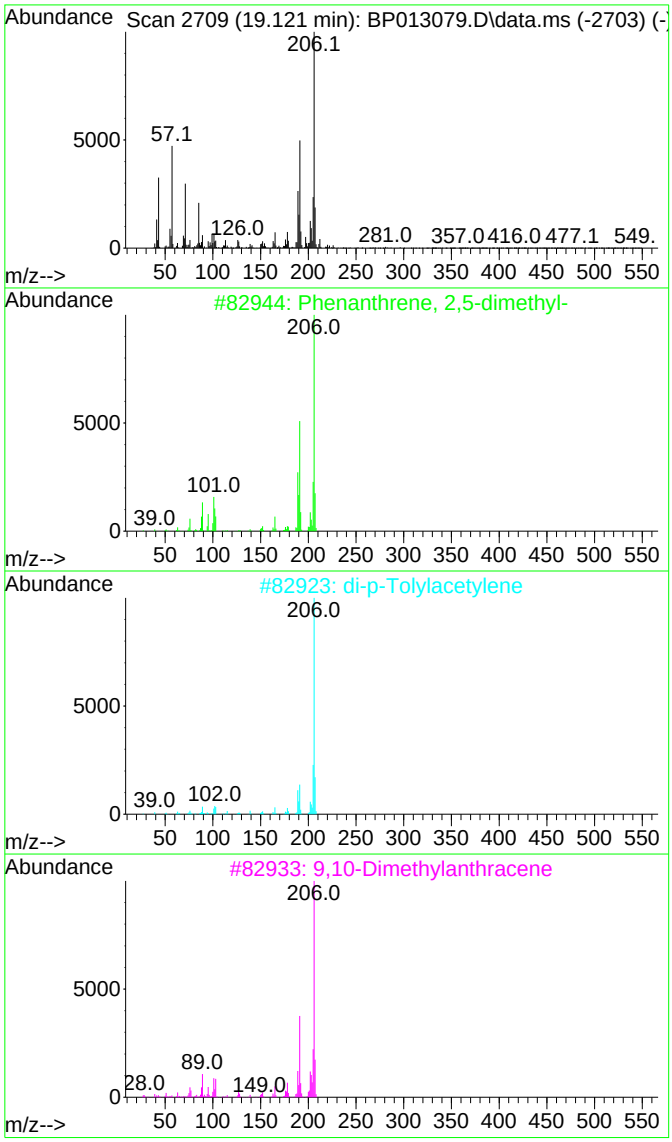
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

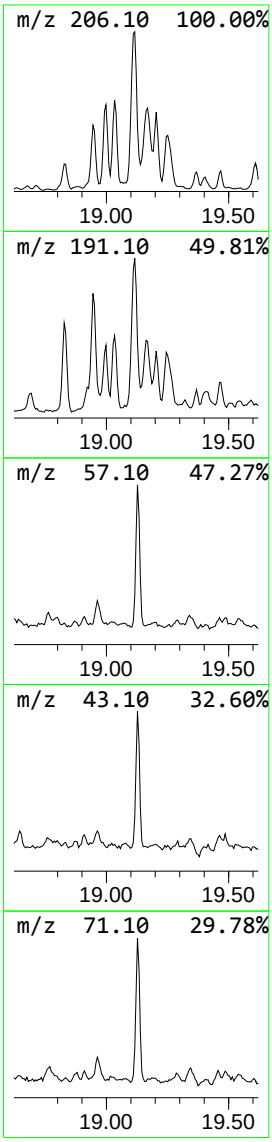
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	5.50 ng/ul	2103270	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

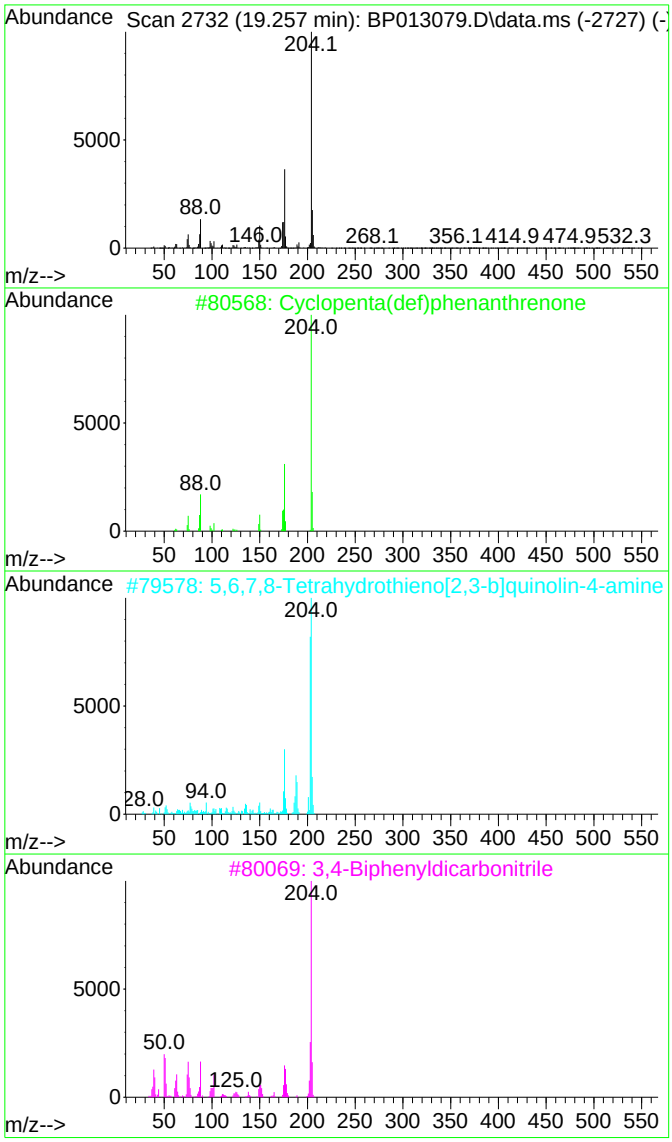
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

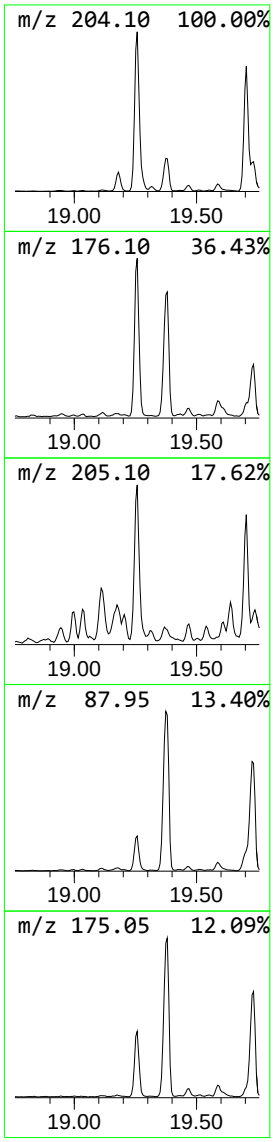
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	12.45 ng/ul	4759560	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

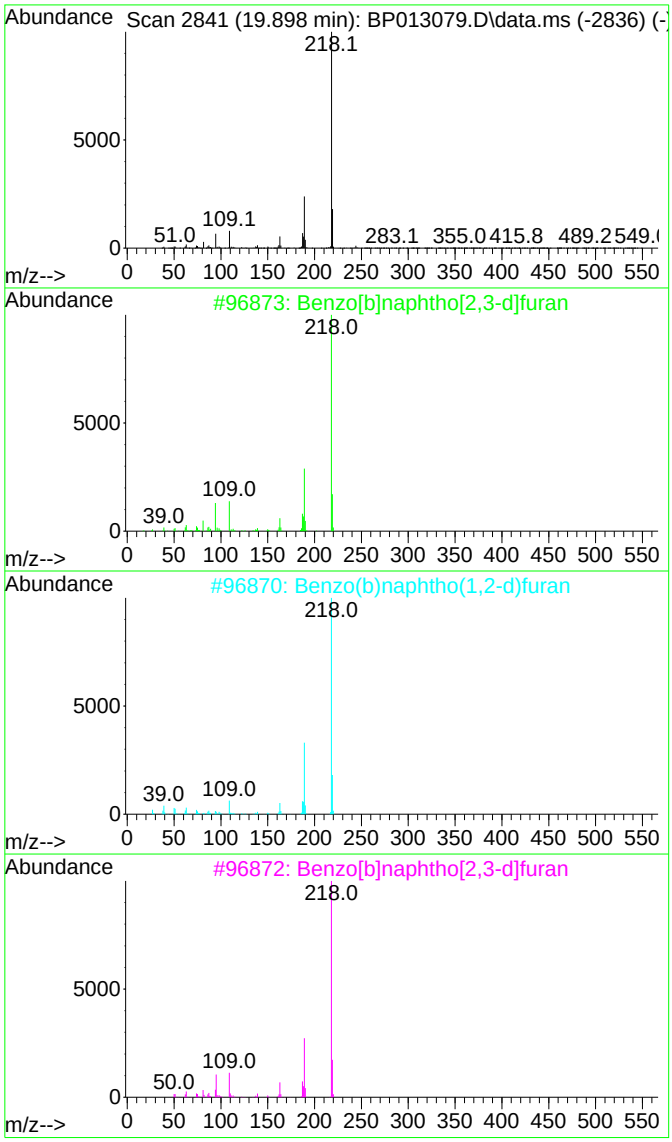
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

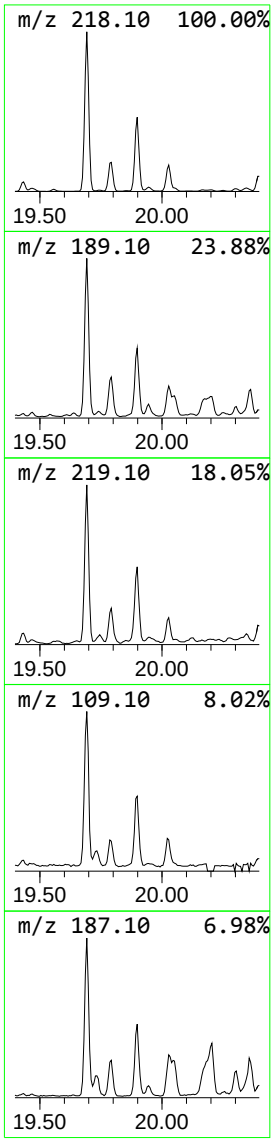
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[b]naphtho[2,3-d]furan Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.898	2.12 ng/ul	2538110	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
4	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	91
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

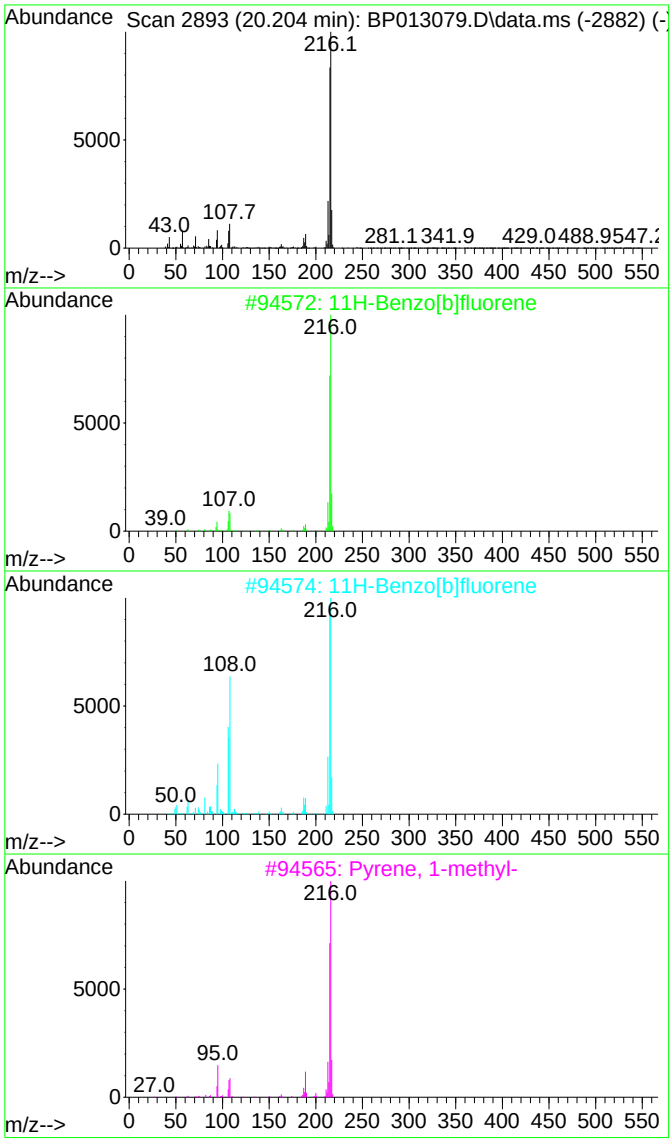
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

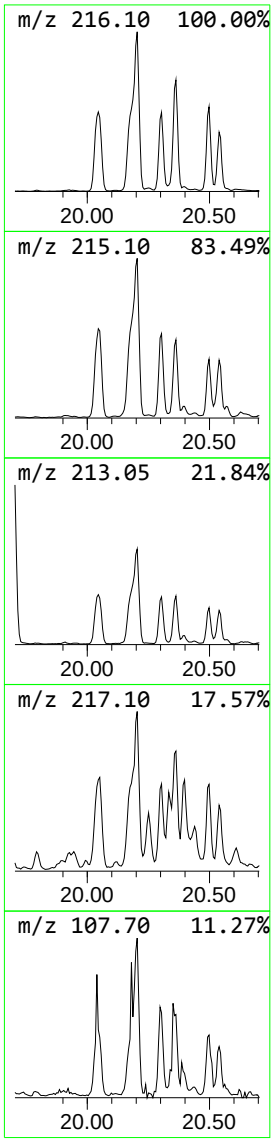
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	6.45 ng/ul	7710450	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

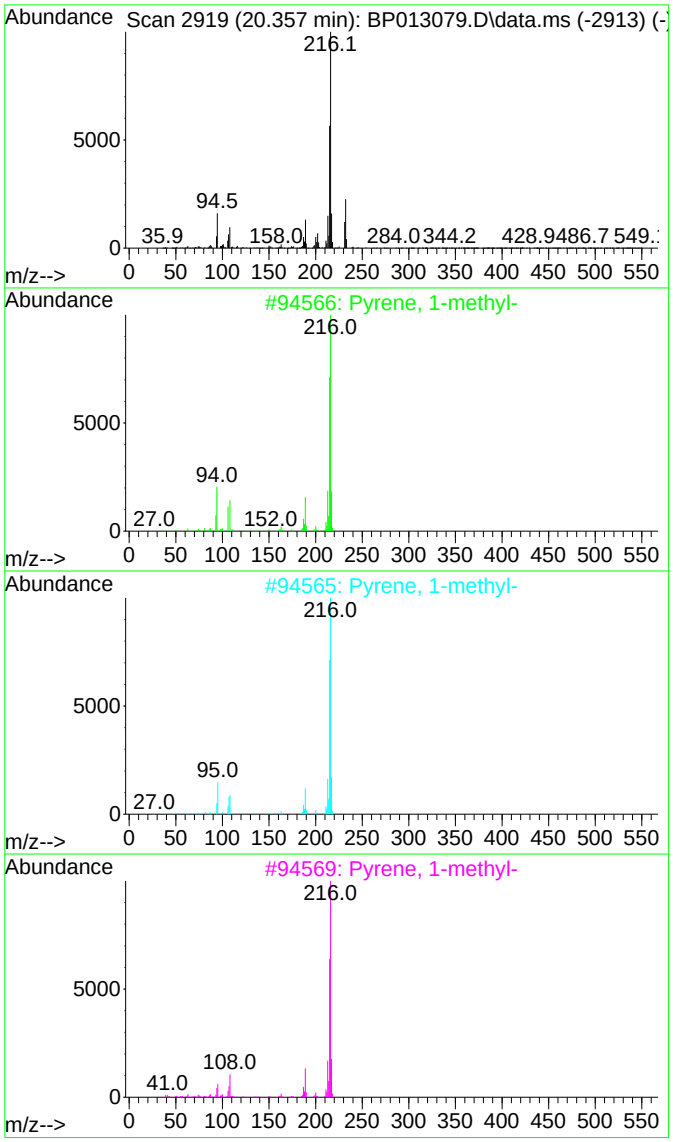
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

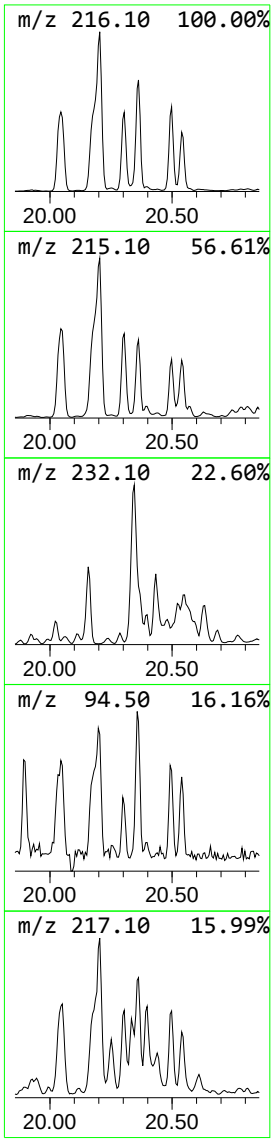
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	3.51 ng/ul	4196230	Chrysene-d12	21.457

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	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

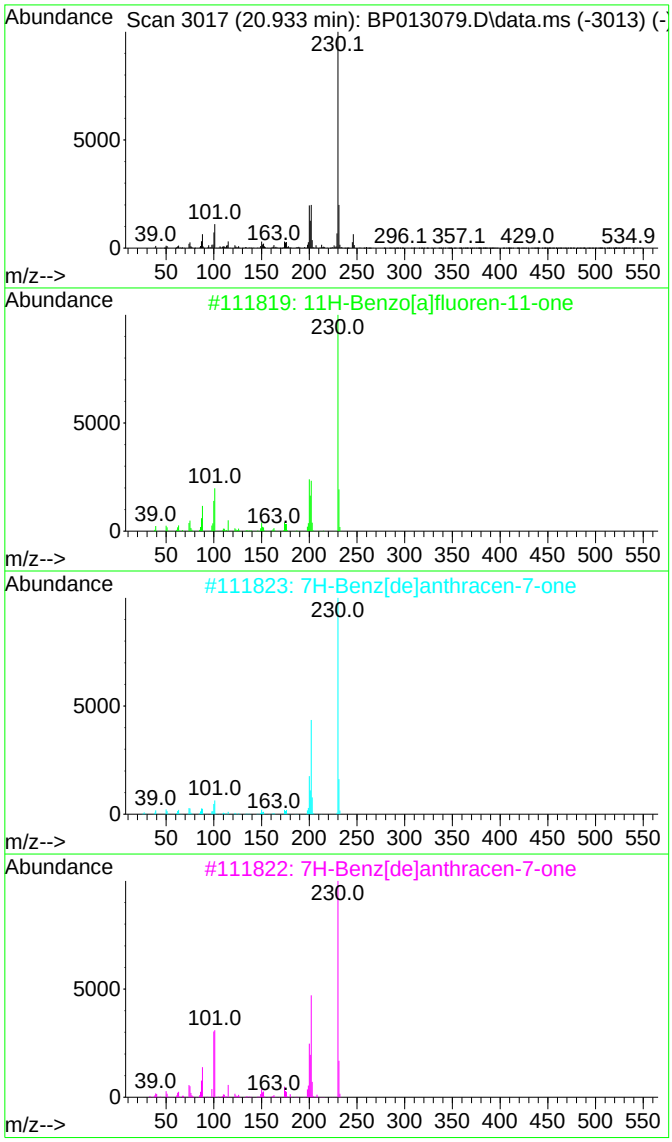
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

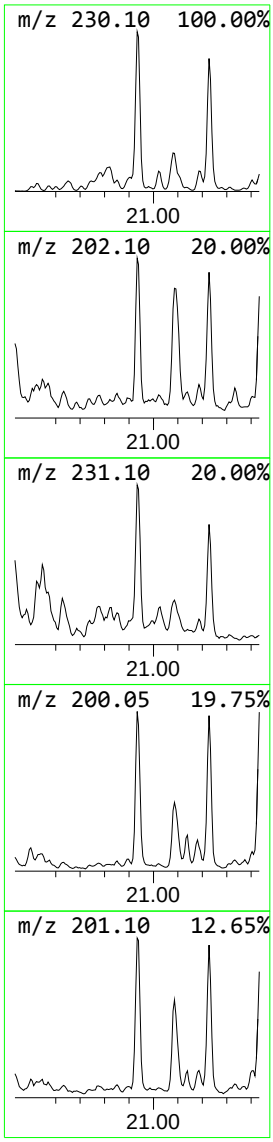
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 11H-Benzo[a]fluoren-11-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	2.16 ng/ul	2580280	Chrysene-d12	21.457

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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

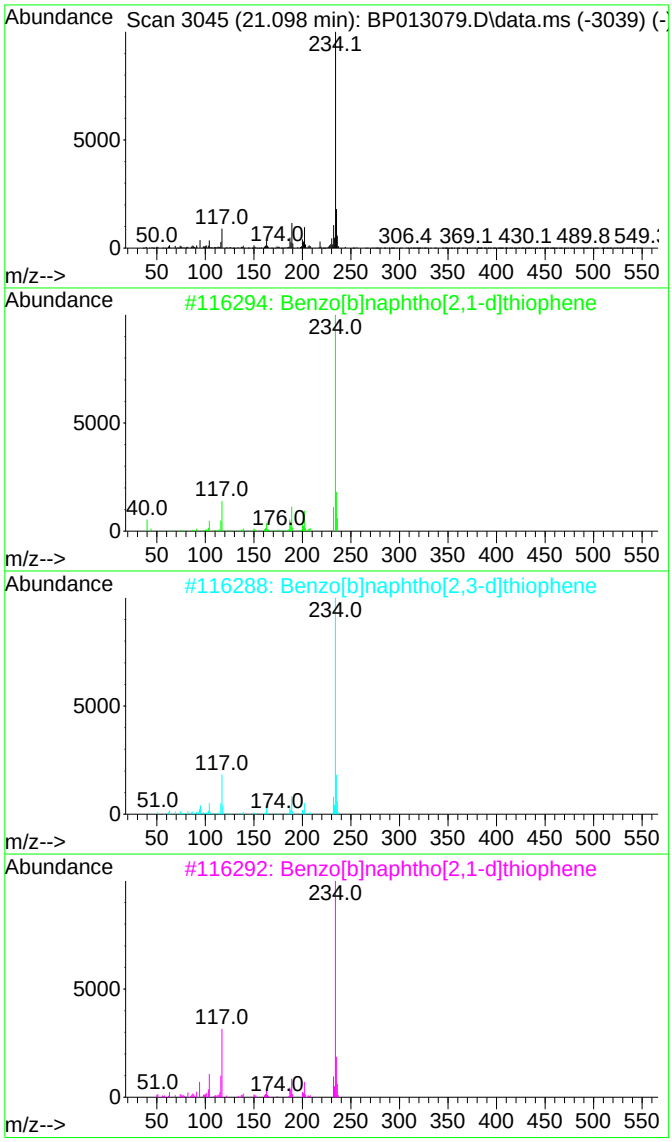
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

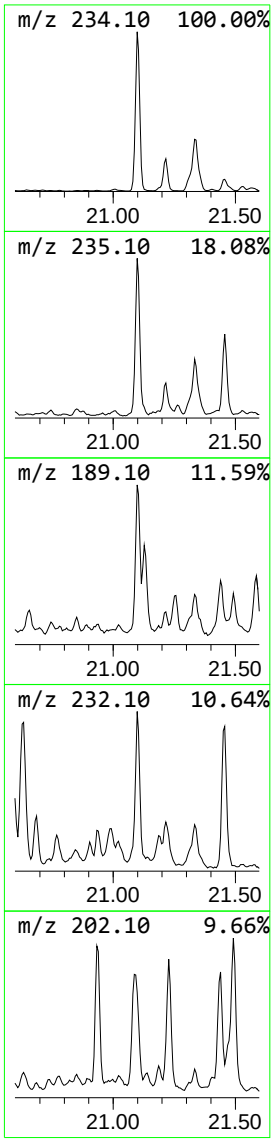
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.098	2.94 ng/ul	3513350	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	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	93





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Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBXK6MEDL

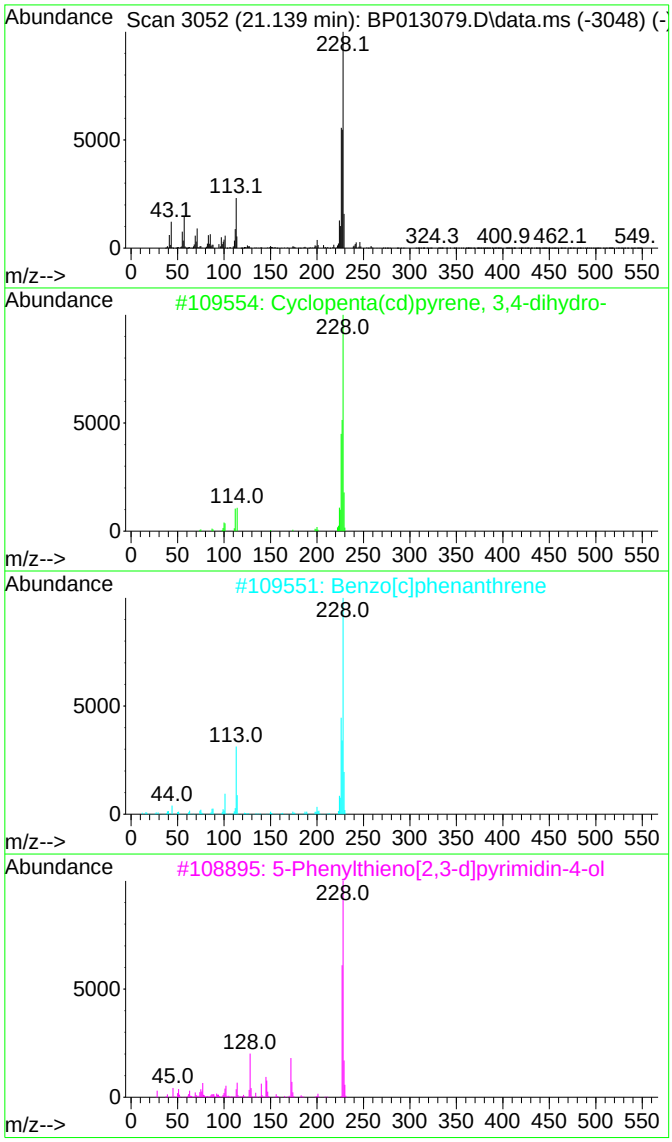
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

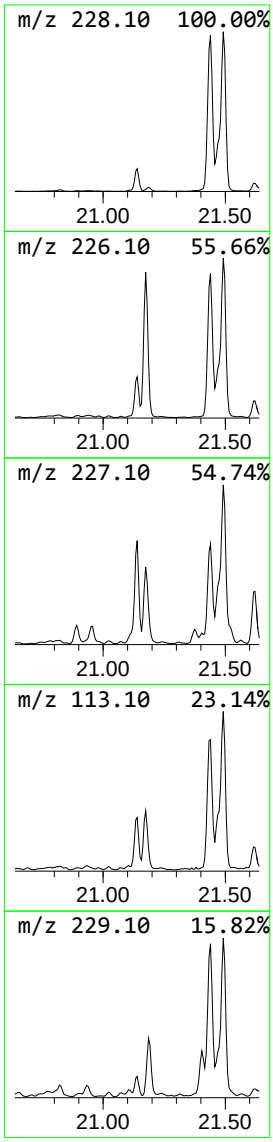
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	3.04 ng/ul	3634400	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	49
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
5	Triphenylene	228	C18H12	000217-59-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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

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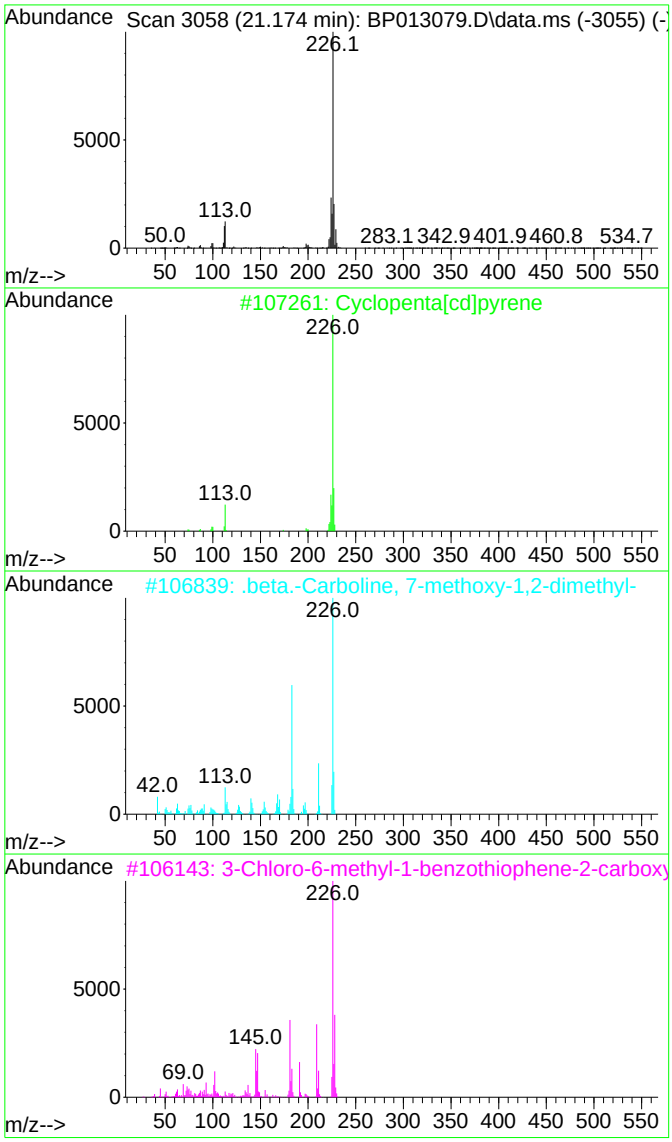
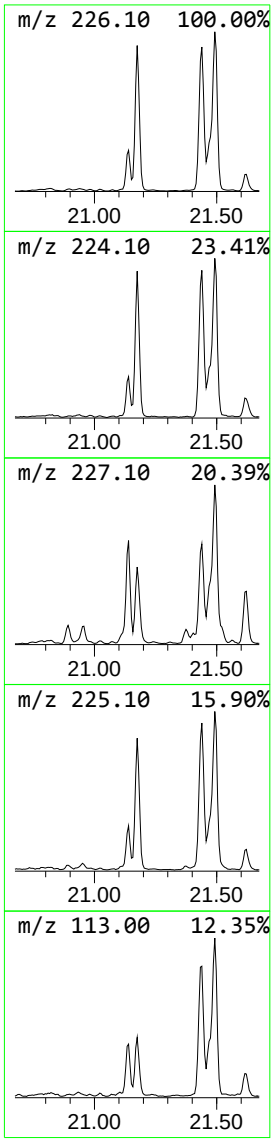
Peak Number 29 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	3.32 ng/ul	3964350	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
4	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	52
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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

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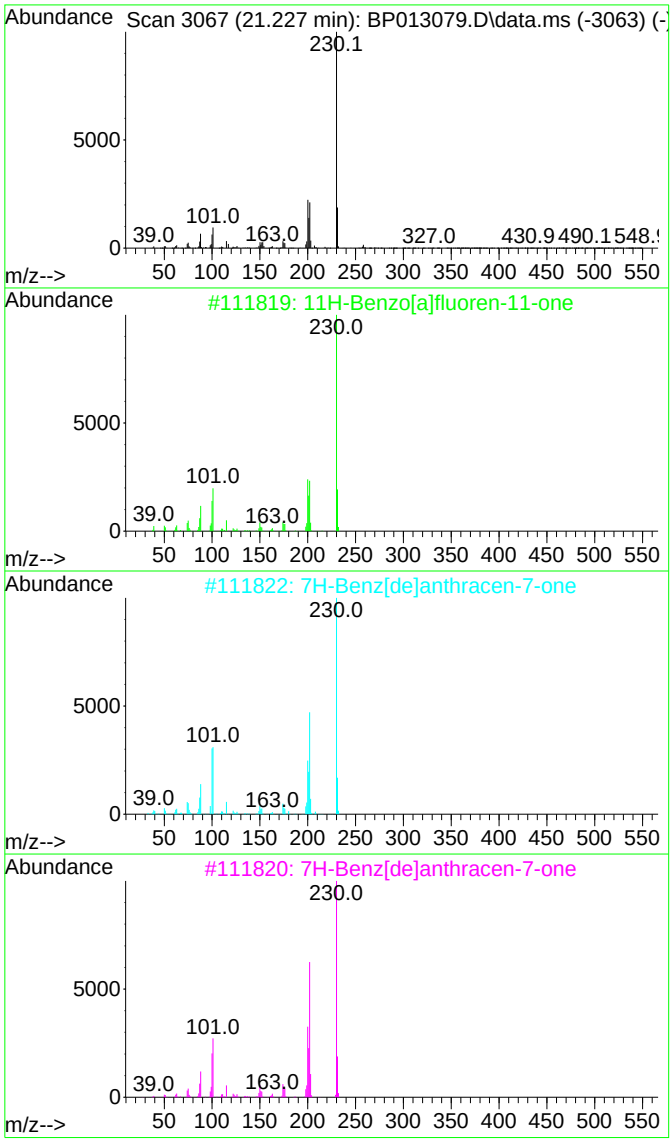
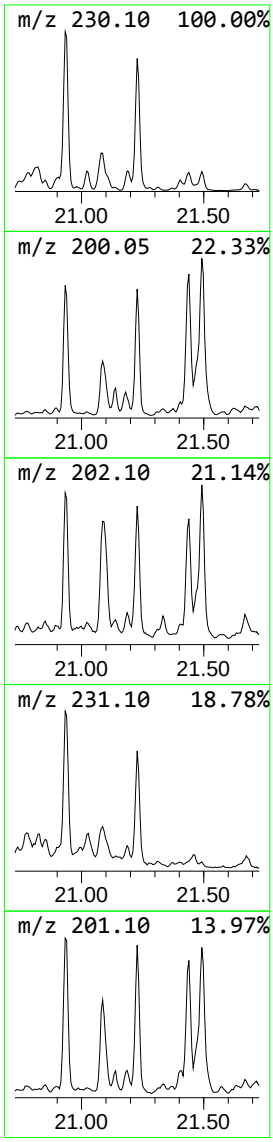
Peak Number 30 7H-Benz[de]anthracen-7-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	2.38 ng/ul	2845340	Chrysene-d12	21.457

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	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	72





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Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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

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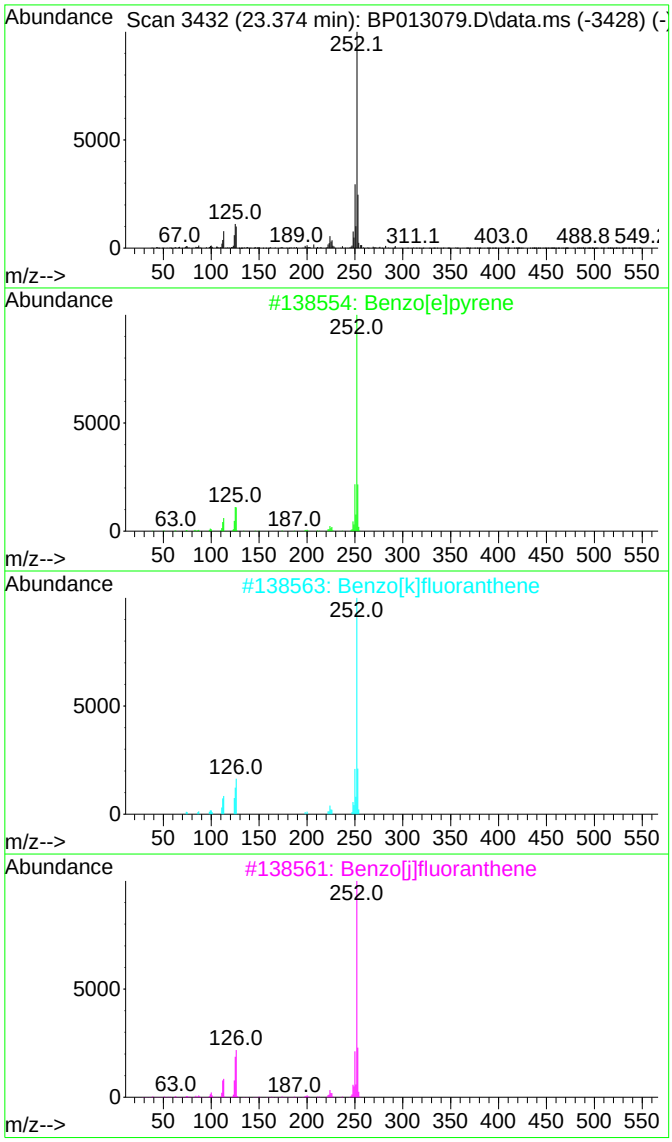
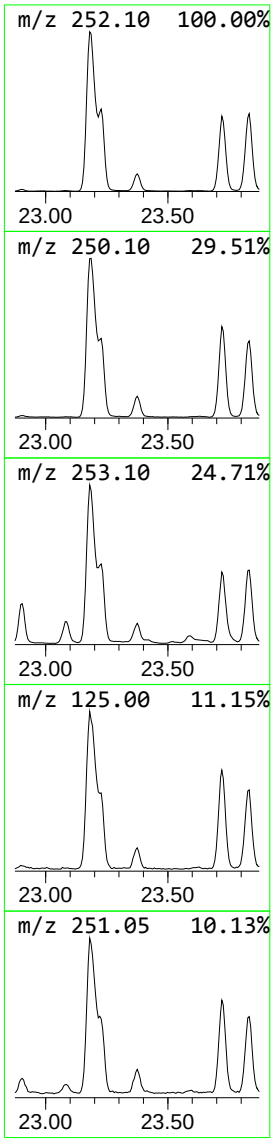
Peak Number 31 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.374	3.28 ng/ul	1021680	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





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Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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

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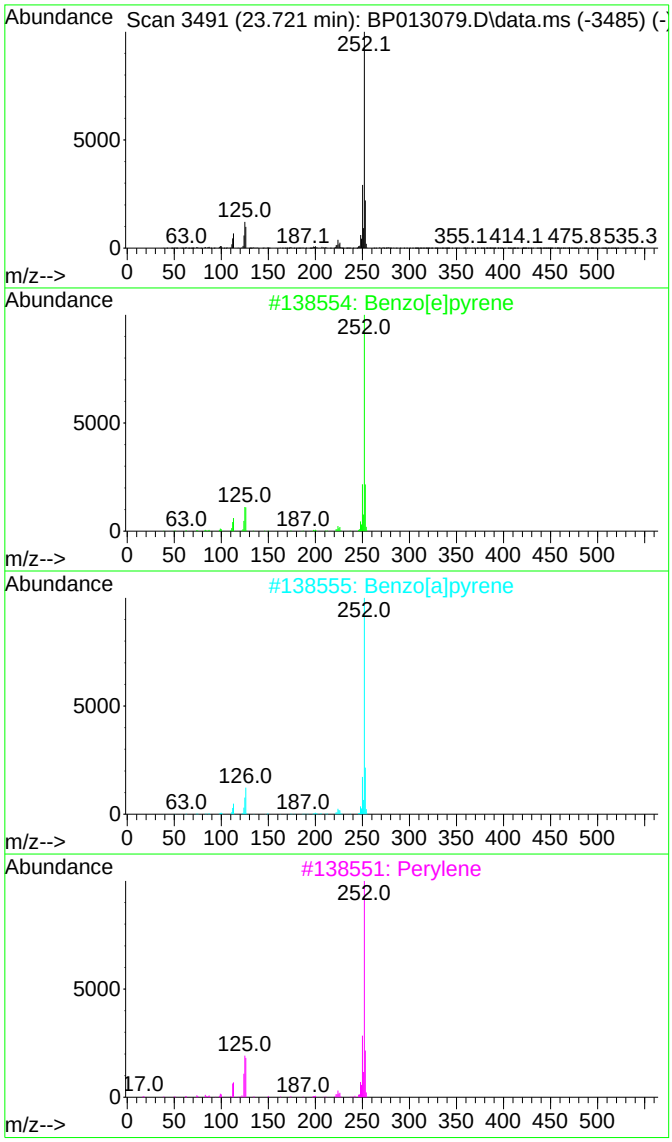
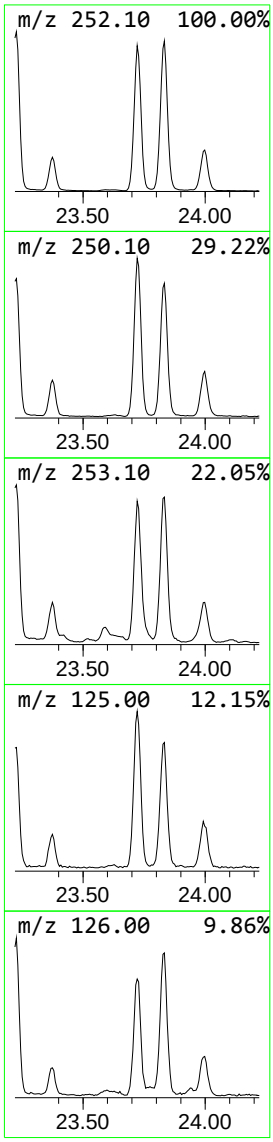
Peak Number 32 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.721	15.50 ng/ul	4834790	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

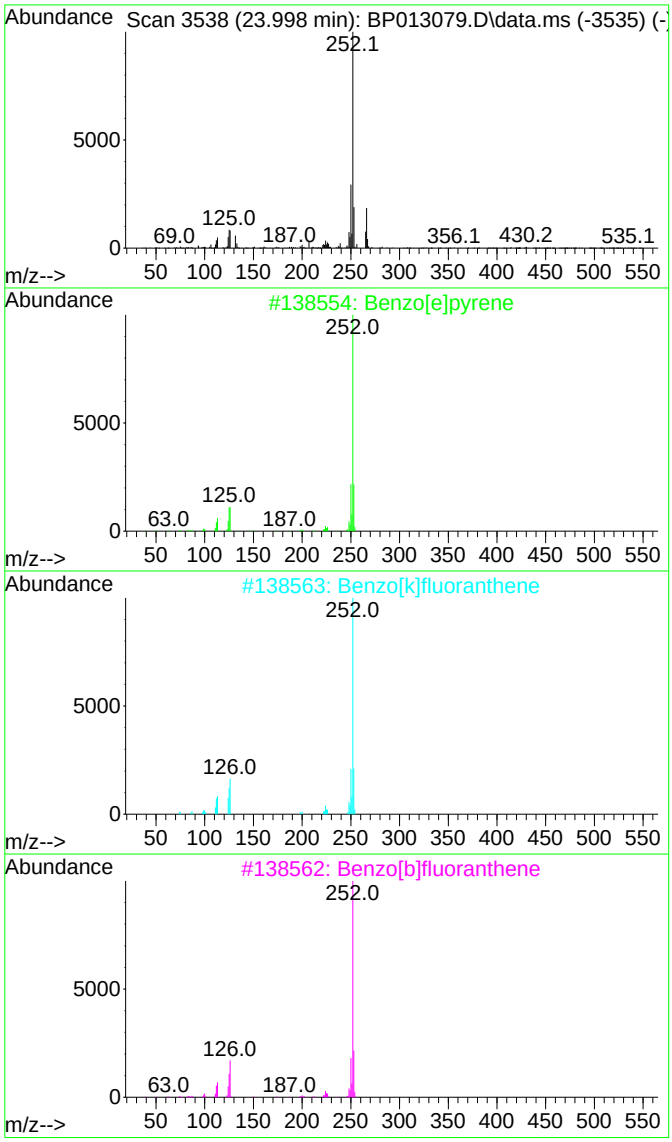
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

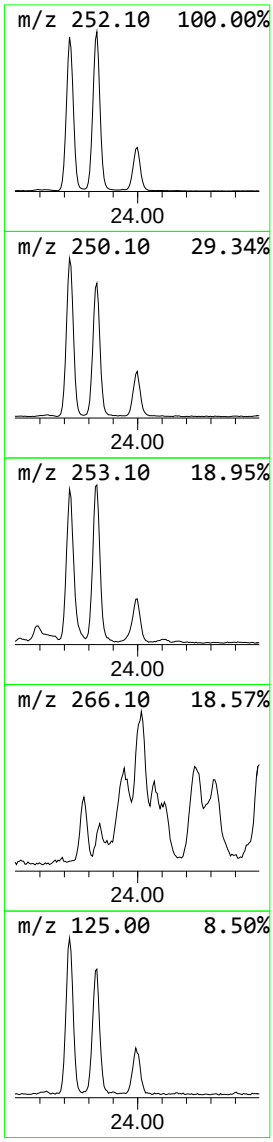
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.998	5.46 ng/ul	1703240	Perylene-d12	23.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	86
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013079.D
Acq On : 12 Dec 2022 09:14
Operator : CG/JU
Sample : N5832-09MEDL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.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
Dibenzo furan	15.004	4.5	ng/ul	1416280	3	14.610	6340080	20.0
9H-Fluoren-9-ol	15.951	2.5	ng/ul	787092	3	14.610	6340080	20.0
[1,1'-Biphenyl]...	16.098	3.1	ng/ul	1174430	4	17.369	7646060	20.0
(DEL) Alkane: S...	16.310	3.6	ng/ul	1362350	4	17.369	7646060	20.0
9H-Fluorene, 2-...	16.663	2.1	ng/ul	790563	4	17.369	7646060	20.0
9H-Fluoren-9-one	17.016	2.7	ng/ul	1035760	4	17.369	7646060	20.0
(DEL) Alkane: S...	17.110	4.9	ng/ul	1876320	4	17.369	7646060	20.0
Dibenzothiophene	17.180	5.6	ng/ul	2157750	4	17.369	7646060	20.0
Acridine	17.557	4.2	ng/ul	1598860	4	17.369	7646060	20.0
5H-Indeno[1,2-b...	17.769	12.7	ng/ul	4855660	4	17.369	7646060	20.0
(DEL) Alkane: S...	17.851	2.7	ng/ul	1047010	4	17.369	7646060	20.0
Naphthalene, 1-...	17.880	2.2	ng/ul	835594	4	17.369	7646060	20.0
Anthracene, 9-m...	18.227	5.1	ng/ul	1953610	4	17.369	7646060	20.0
Phenanthrene, 2...	18.275	7.6	ng/ul	2900040	4	17.369	7646060	20.0
Phenanthrene, 1...	18.357	5.6	ng/ul	2132240	4	17.369	7646060	20.0
4H-Cyclopenta[d...	18.422	23.5	ng/ul	8991050	4	17.369	7646060	20.0
(DEL) Alkane: S...	18.522	2.8	ng/ul	1066970	4	17.369	7646060	20.0
Naphthalene, 2-...	18.710	4.0	ng/ul	1516360	4	17.369	7646060	20.0
9,10-Anthracene...	18.751	4.2	ng/ul	1594500	4	17.369	7646060	20.0
Phenanthrene, 4...	18.945	2.2	ng/ul	827428	4	17.369	7646060	20.0
Phenanthrene, 2...	19.122	5.5	ng/ul	2103270	4	17.369	7646060	20.0
Cyclopenta(def)...	19.257	12.4	ng/ul	4759560	4	17.369	7646060	20.0
Benzo[b]naphtho...	19.898	2.1	ng/ul	2538110	5	21.457	23902100	20.0
11H-Benzo[b]flu...	20.204	6.5	ng/ul	7710450	5	21.457	23902100	20.0
Pyrene, 1-methyl-	20.357	3.5	ng/ul	4196230	5	21.457	23902100	20.0
11H-Benzo[a]flu...	20.933	2.2	ng/ul	2580280	5	21.457	23902100	20.0
Benzo[b]naphtho...	21.098	2.9	ng/ul	3513350	5	21.457	23902100	20.0
Cyclopenta(cd)p...	21.139	3.0	ng/ul	3634400	5	21.457	23902100	20.0
Cyclopenta[cd]p...	21.174	3.3	ng/ul	3964350	5	21.457	23902100	20.0
7H-Benz[de]anth...	21.227	2.4	ng/ul	2845340	5	21.457	23902100	20.0
Benzo[e]pyrene	23.374	3.3	ng/ul	1021680	6	23.939	6237190	20.0
Perylene	23.721	15.5	ng/ul	4834790	6	23.939	6237190	20.0
unknown-01	23.998	5.5	ng/ul	1703240	6	23.939	6237190	20.0