LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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: BP013003.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.975	805	814	822	rBV	3073527	4830525	5.01%	0.500%
2	10.787	1282	1292	1298	rBV	4384675	7561647	7.85%	0.783%
3	12.440	1567	1573	1581	rVB	661420	1035683	1.07%	0.107%
4	13.934	1818	1827	1832	rBV	504274	982706	1.02%	0.102%
5	14.310	1885	1891	1893	rBV	649284	1066754	1.11%	0.110%
6	14.334	1893	1895	1908	rVB	770116	1072495	1.11%	0.111%
7	14.504	1919	1924	1928	rBV	760065	1008858	1.05%	0.104%
8	14.616	1932	1943	1948	rVV	7145112	10913519	11.32%	1.130%
9	14.681	1948	1954	1961	rVV	5067709	7566365	7.85%	0.783%
10	15.010	2004	2010	2016	rVV	4649102	6677212	6.93%	0.691%
11	15.451	2079	2085	2089	rVB2	997774	1498642	1.56%	0.155%
12	15.604	2108	2111	2115	rVB	921457	1175679	1.22%	0.122%
13	15.663	2115	2121	2128	rBV	10888266	15099492	15.67%	1.563%
14	15.787	2139	2142	2145	rVV	826476	1057166	1.10%	0.109%
15	15.828	2145	2149	2152	rVV2	666244	1011786	1.05%	0.105%
16	15.910	2159	2163	2167	rVV	792864	1235525	1.28%	0.128%
17	15.957	2167	2171	2177	rVB	1917376	2790225	2.90%	0.289%
18	16.104	2187	2196	2203	rBV	1893503	4275140	4.44%	0.442%
19	16.316	2227	2232	2235	rBV	2426156	3746624	3.89%	0.388%
20	16.669	2287	2292	2297	rVV2	1576448	2683864	2.78%	0.278%
21	16.716	2297	2300	2306	rVB3	796357	1336905	1.39%	0.138%
22	16.898	2323	2331	2334	rBV2	1133885	2233832	2.32%	0.231%
23	16.939	2334	2338	2341	rVB3	910459	1172089	1.22%	0.121%
24	17.022	2347	2352	2358	rVB	2377797	3545834	3.68%	0.367%
25	17.116	2360	2368	2373	rVV4	2544082	5292628	5.49%	0.548%
26	17.187	2374	2380	2389	rVB	3561843	6444807	6.69%	0.667%
27	17.375	2406	2412	2415	rBV	7954236	12707729	13.19%	1.315%
28	17.422	2415	2420	2425	rVV2	29835381	51134400	53.06%	5.292%
29	17.522	2425	2437	2439	rVV2	33140079	74247764	77.05%	7.684%
30	17.569	2443	2445	2454	rVV	3754916	4852604	5.04%	0.502%
31	17.651	2454	2459	2469	rVV	1587285	2939480	3.05%	0.304%
32	17.775	2475	2480	2489	rBV	12153128	19552177	20.29%	2.024%
33	17.851	2490	2493	2496	rVV2	1737060	2197474	2.28%	0.227%
34	17.886	2496	2499	2505	rVV	1868403	2494519	2.59%	0.258%
35	17.951	2506	2510	2517	rVB2	1149878	1892985	1.96%	0.196%
36	18.234	2552	2558	2562	rBV	4480244	6118919	6.35%	0.633%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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	18.281	2562	2566	2572	rVB	6639541	9226429	9.57%	0.955%
38	18.363	2574	2580	2585	rBV	5318167	7683638	7.97%	0.795%
39	18.428	2585	2591	2595	rBV	15667861	25473825	26.43%	2.636%
40	18.528	2604	2608	2611	rBV2	2296925	2730212	2.83%	0.283%
41	18.610	2618	2622	2627	rBV4	1314398	2025559	2.10%	0.210%
42	18.716	2635	2640	2643	rBV	3726113	4858098	5.04%	0.503%
43	18.757	2643	2647	2653	rVV2	3507215	4802478	4.98%	0.497%
44	18.951	2677	2680	2685	rVV4	1659917	2632022	2.73%	0.272%
45	18.998	2685	2688	2691	rVV	1524516	1896031	1.97%	0.196%
46	19.039	2691	2695	2698	rVB	1548493	2018481	2.09%	0.209%
47	19.122	2703	2709	2714	rBV2	2676392	6104871	6.33%	0.632%
48	19.181	2715	2719	2722	rVV2	1671728	2207384	2.29%	0.228%
49	19.263	2728	2733	2739	rBV	8408434	13445566	13.95%	1.392%
50	19.386	2747	2754	2759	rBV3	33555925	76421363	79.30%	7.909%
51	19.439	2759	2763	2765	rVV	1429731	1800759	1.87%	0.186%
52	19.475	2765	2769	2773	rVB	2421580	3317681	3.44%	0.343%
53	19.616	2787	2793	2797	rVB2	4213204	7116321	7.38%	0.737%
54	19.745	2803	2815	2820	rBV4	33936442	96369174	100.00%	9.974%
55	19.798	2820	2824	2830	rVB2	3710173	5346921	5.55%	0.553%
56	19.904	2837	2842	2847	rBV	5760849	7571564	7.86%	0.784%
57	19.969	2847	2853	2859	rVB	7792144	10970186	11.38%	1.135%
58	20.039	2859	2865	2866	rBV2	5228236	7625389	7.91%	0.789%
59	20.210	2882	2894	2898	rVB2	10263731	24621727	25.55%	2.548%
60	20.257	2898	2902	2905	rBV	1667299	2129790	2.21%	0.220%
61	20.304	2906	2910	2914	rBV	5994501	7893728	8.19%	0.817%
62	20.363	2914	2920	2924	rVV2	6734332	12446754	12.92%	1.288%
63	20.398	2924	2926	2930	rVB	2380695	2471217	2.56%	0.256%
64	20.439	2930	2933	2938	rVB2	1669840	2366111	2.46%	0.245%
65	20.504	2939	2944	2947	rBV	4964300	6621944	6.87%	0.685%
66	20.545	2947	2951	2955	rVB	3745824	4428211	4.60%	0.458%
67	20.622	2960	2964	2967	rBV3	907061	1441540	1.50%	0.149%
68	20.692	2973	2976	2981	rVB3	1288080	1607016	1.67%	0.166%
69	20.751	2982	2986	2988	rBV3	1072438	1749695	1.82%	0.181%
70	20.851	3001	3003	3007	rVB3	1440865	1600777	1.66%	0.166%
71	20.898	3008	3011	3014	rBV2	1042550	1459465	1.51%	0.151%
72	20.939	3014	3018	3024	rVB	6387005	8734025	9.06%	0.904%
73	21.104	3039	3046	3049	rBV3	7530173	12301355	12.76%	1.273%
74	21.139	3049	3052	3056	rVV2	7199558	9927891	10.30%	1.028%
75	21.180	3056	3059	3064	rVV2	8258122	12578557	13.05%	1.302%
76	21.233	3064	3068	3078	rVB2	5742827	9657106	10.02%	0.999%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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	21.339	3079	3086	3092	rBV2	2432941	5930350	6.15%	0.614%
78	21.445	3095	3104	3110	rVV2	24445848	58790054	61.01%	6.085%
79	21.504	3110	3114	3123	rVB	26858344	42949333	44.57%	4.445%
80	21.586	3124	3128	3131	rBV3	1564069	2145931	2.23%	0.222%
81	21.627	3131	3135	3141	rVB	3195571	4469026	4.64%	0.463%
82	21.739	3151	3154	3158	rVB	2627241	3387815	3.52%	0.351%
83	21.786	3158	3162	3168	rVV2	3543566	5676587	5.89%	0.588%
84	21.839	3168	3171	3181	rVB3	1613491	2987751	3.10%	0.309%
85	22.051	3200	3207	3211	rVV	3116343	5797160	6.02%	0.600%
86	22.104	3213	3216	3221	rVB	1840943	2788081	2.89%	0.289%
87	22.269	3240	3244	3248	rBV	1944303	3362601	3.49%	0.348%
88	22.374	3258	3262	3267	rVB2	1500959	2405223	2.50%	0.249%
89	22.574	3292	3296	3302	rBV2	1474722	2653170	2.75%	0.275%
90	22.904	3345	3352	3363	rVB3	1438618	4435502	4.60%	0.459%
91	23.198	3393	3402	3407	rBV2	16093808	42534985	44.14%	4.402%
92	23.380	3428	3433	3439	rVB	2016178	3464001	3.59%	0.359%
93	23.527	3454	3458	3467	rBV	900243	2194120	2.28%	0.227%
94	23.733	3486	3493	3500	rBV	7519831	15363406	15.94%	1.590%
95	23.845	3505	3512	3519	rVB	8161310	16968593	17.61%	1.756%
96	23.951	3524	3530	3535	rVV2	5246840	11379915	11.81%	1.178%
97	24.010	3535	3540	3548	rVB2	2836468	6324497	6.56%	0.655%
98	26.551	3965	3972	3978	rBV2	2276338	6874642	7.13%	0.712%
99	26.615	3979	3983	4006	rVB	2660129	7453778	7.73%	0.771%
100	27.357	4102	4109	4123	rVB	1474607	4733949	4.91%	0.490%

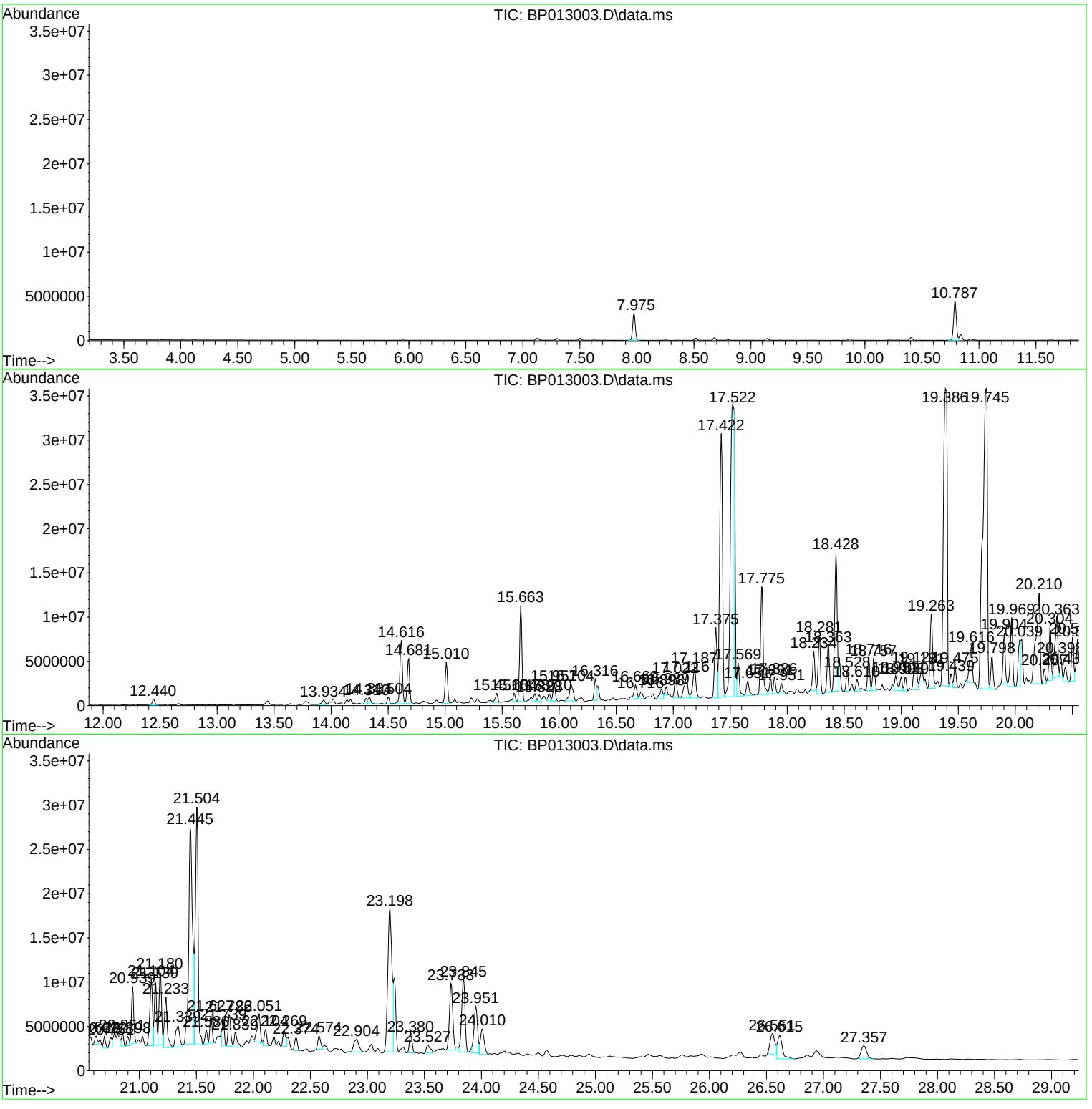
Sum of corrected areas: 966205384

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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

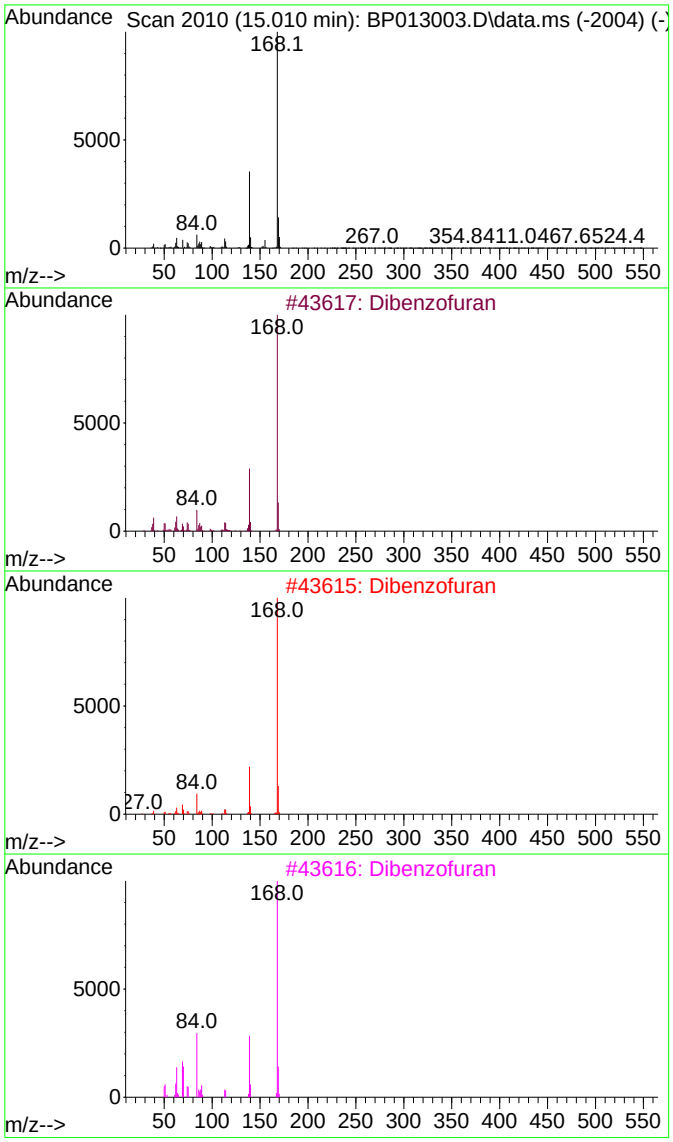
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

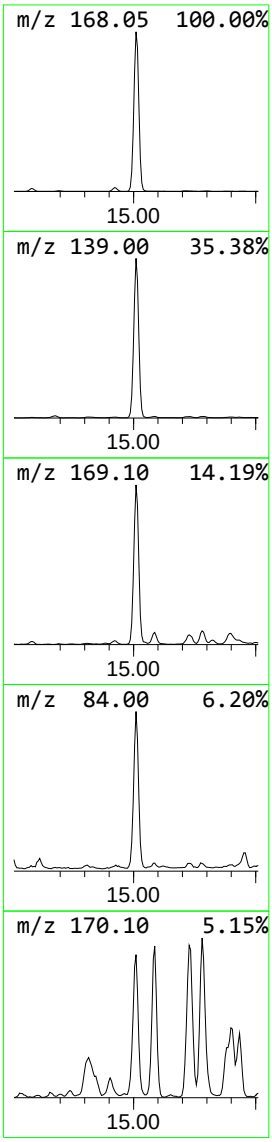
****

Peak Number 1 Dibenzo furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	12.24 ng/ul	6677210	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	80
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

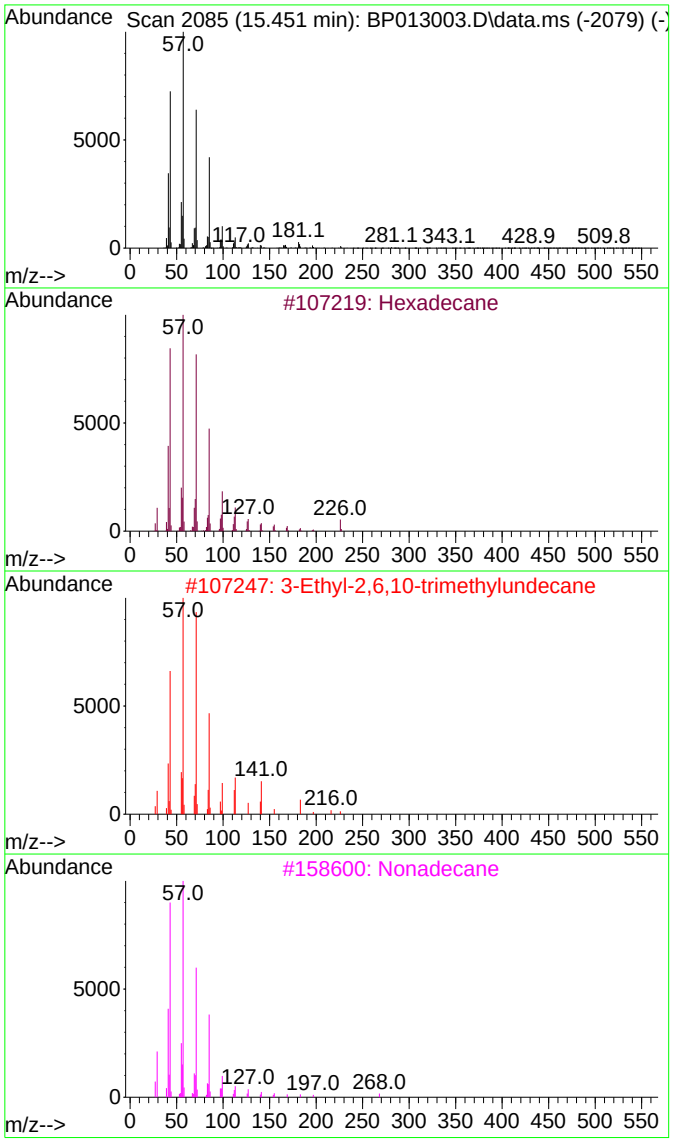
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

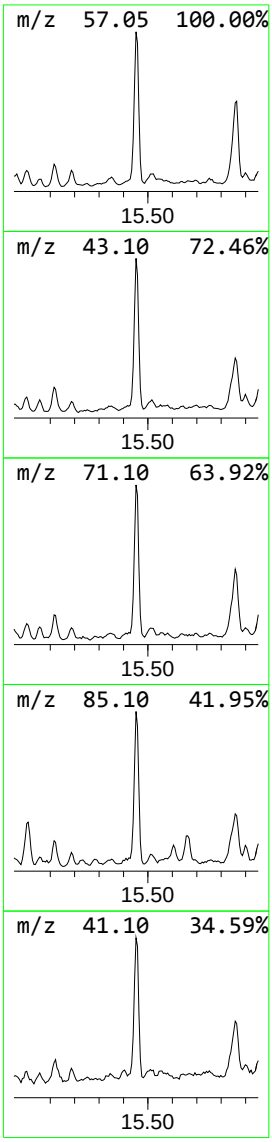
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	2.75 ng/ul	1498640	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

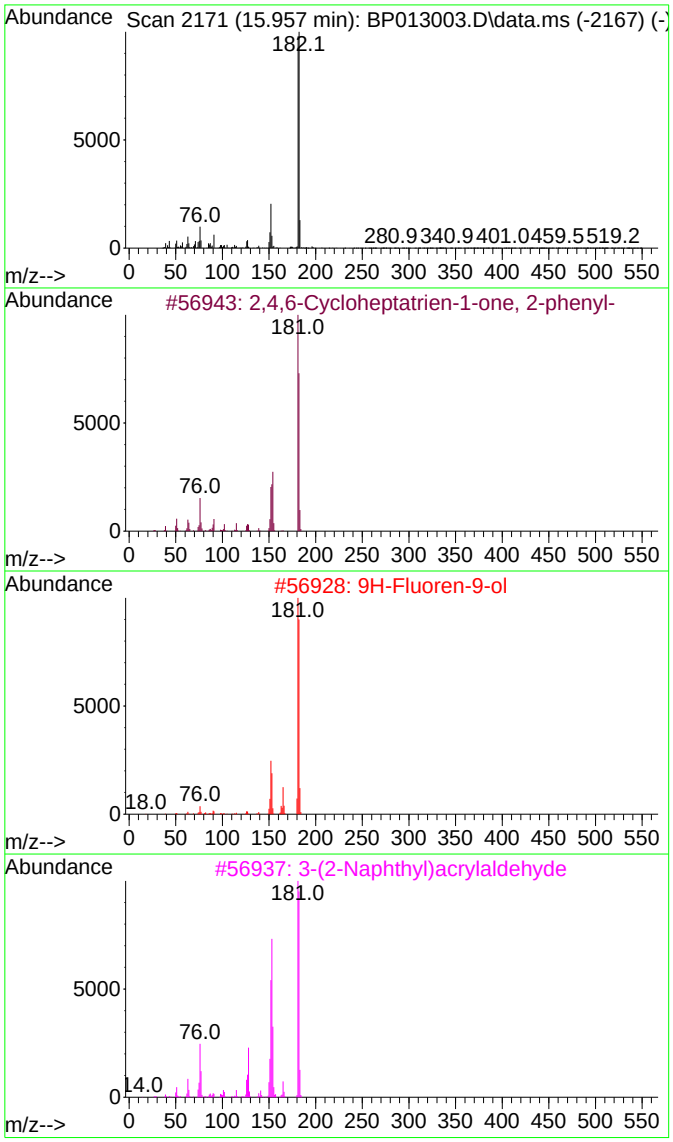
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

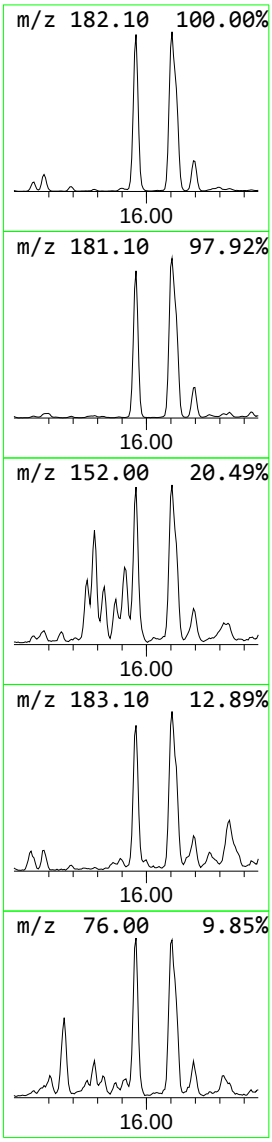
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,6-Cycloheptatrien-1-one... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	5.11 ng/ul	2790230	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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

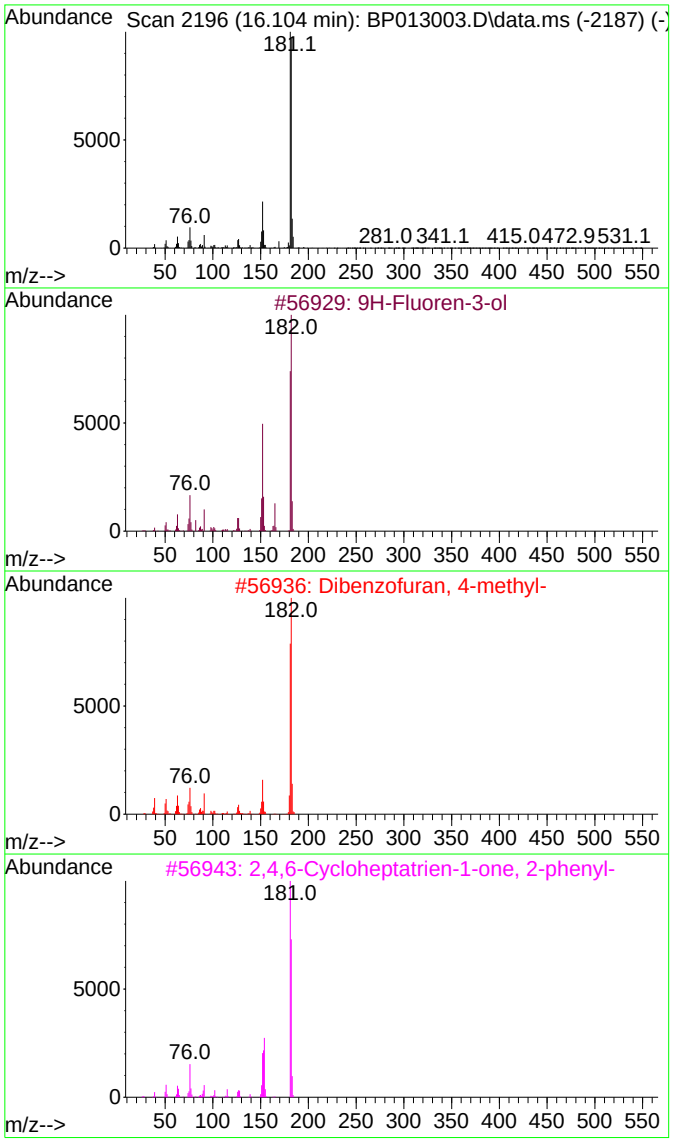
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

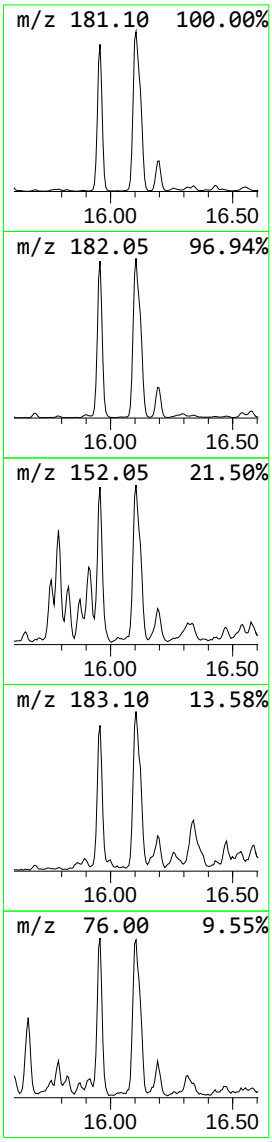
****

Peak Number 5 9H-Fluoren-3-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	6.73 ng/ul	4275140	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
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	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

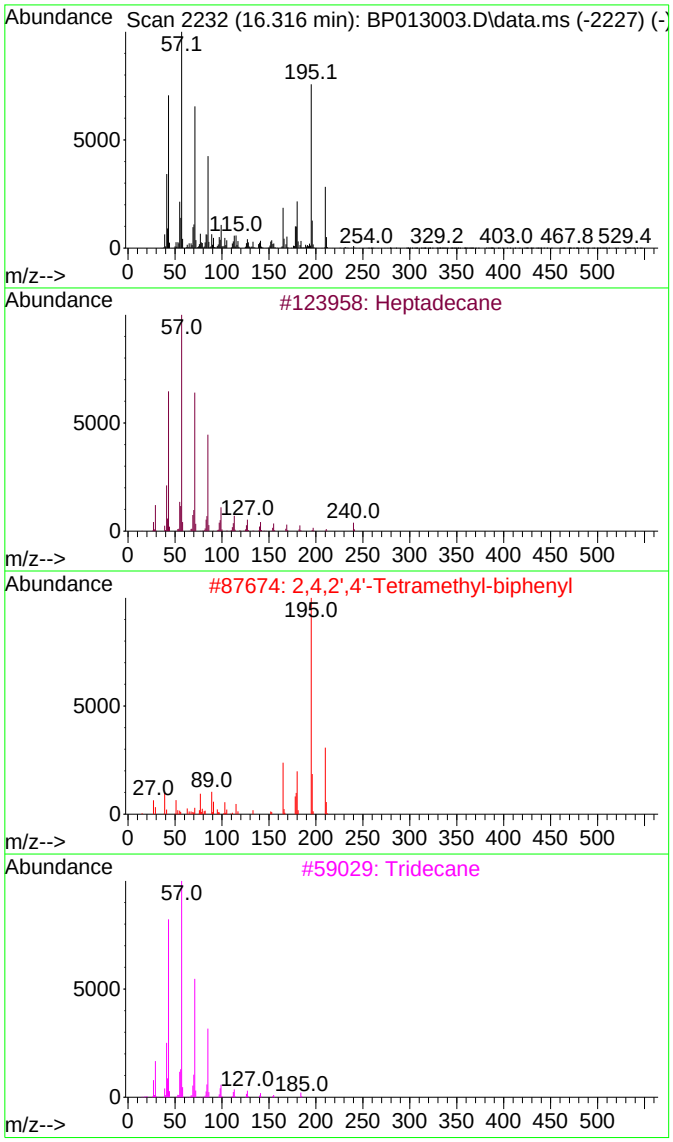
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

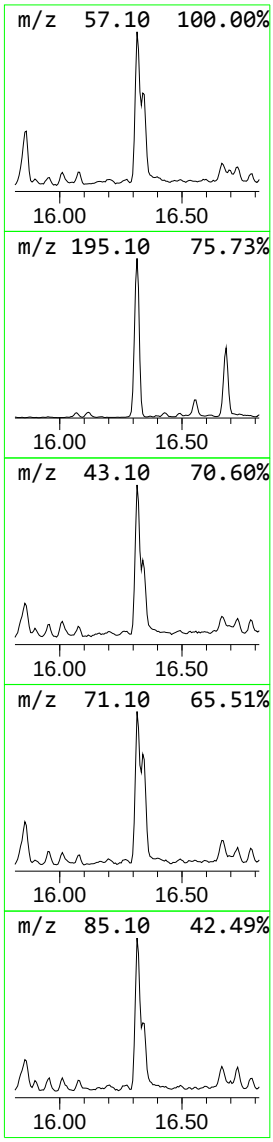
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	5.90 ng/ul	3746620	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	78
2	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	60
3	Tridecane	184	C13H28	000629-50-5	53
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
5	Tetracosane	338	C24H50	000646-31-1	38





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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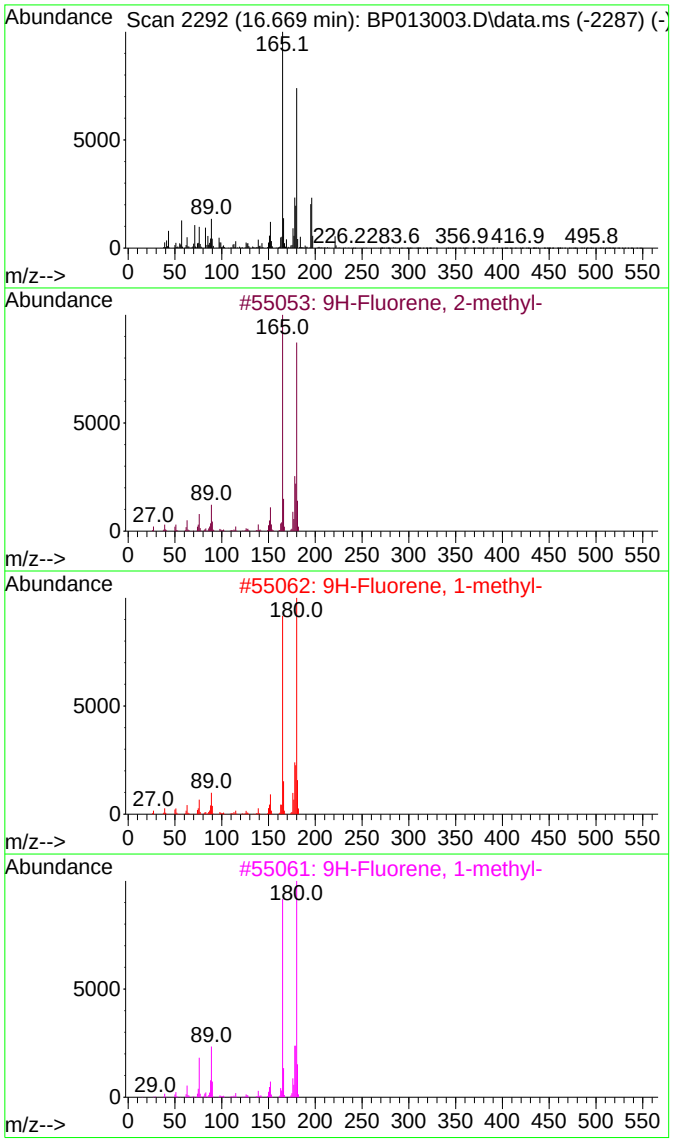
Quant Title : SVOA CALIBRATION

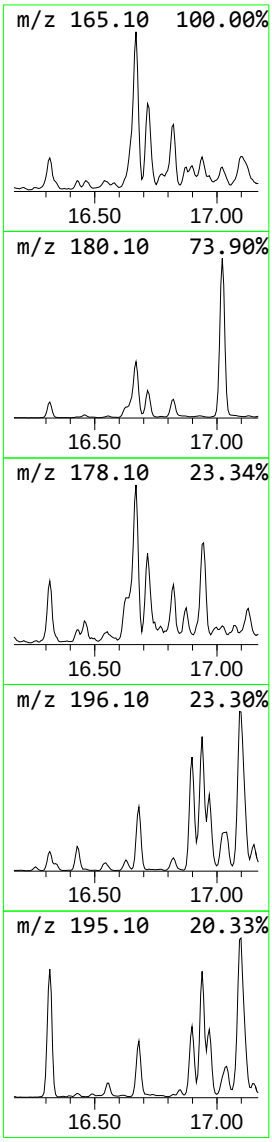
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	4.22 ng/ul	2683860	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





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Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

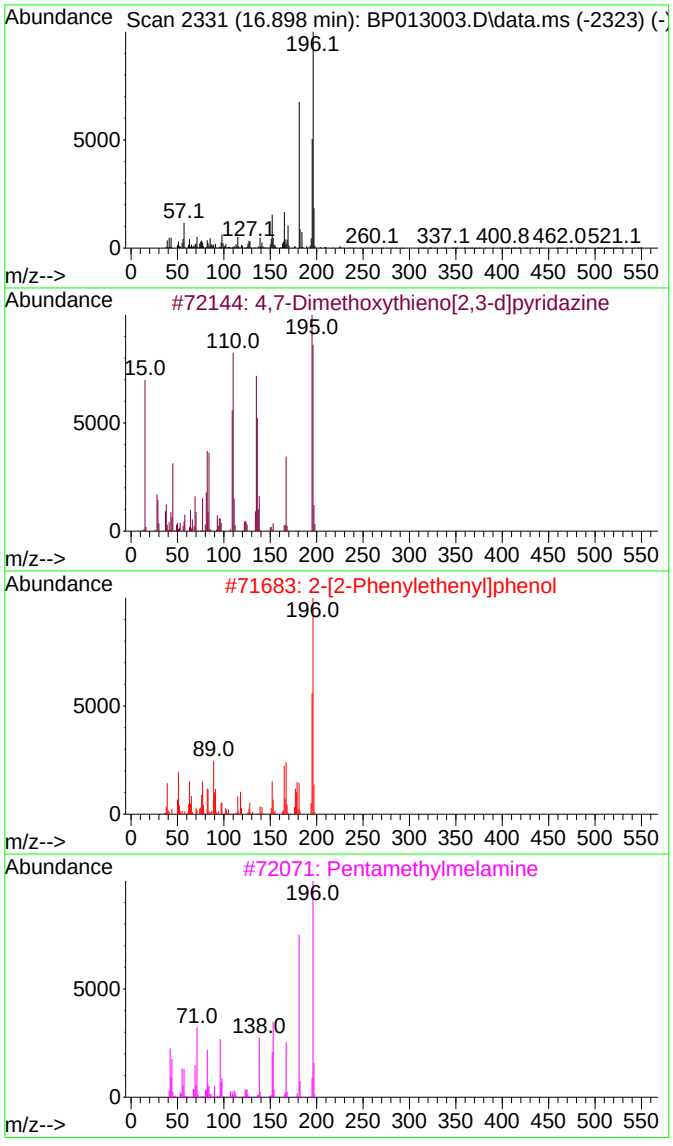
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

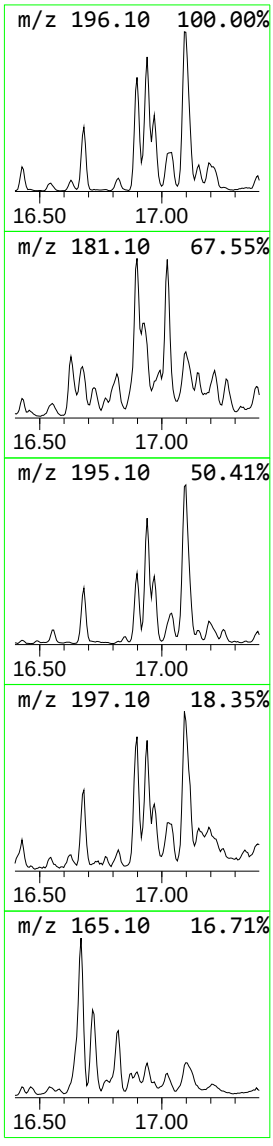
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4,7-Dimethoxythieno[2,3-d]p... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.898	3.52 ng/ul	2233830	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Dimethoxythieno[2,3-d]pyrida...	196	C8H8N2O2S	1000436-23-9	60
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	59
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	53
4	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	53
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52





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Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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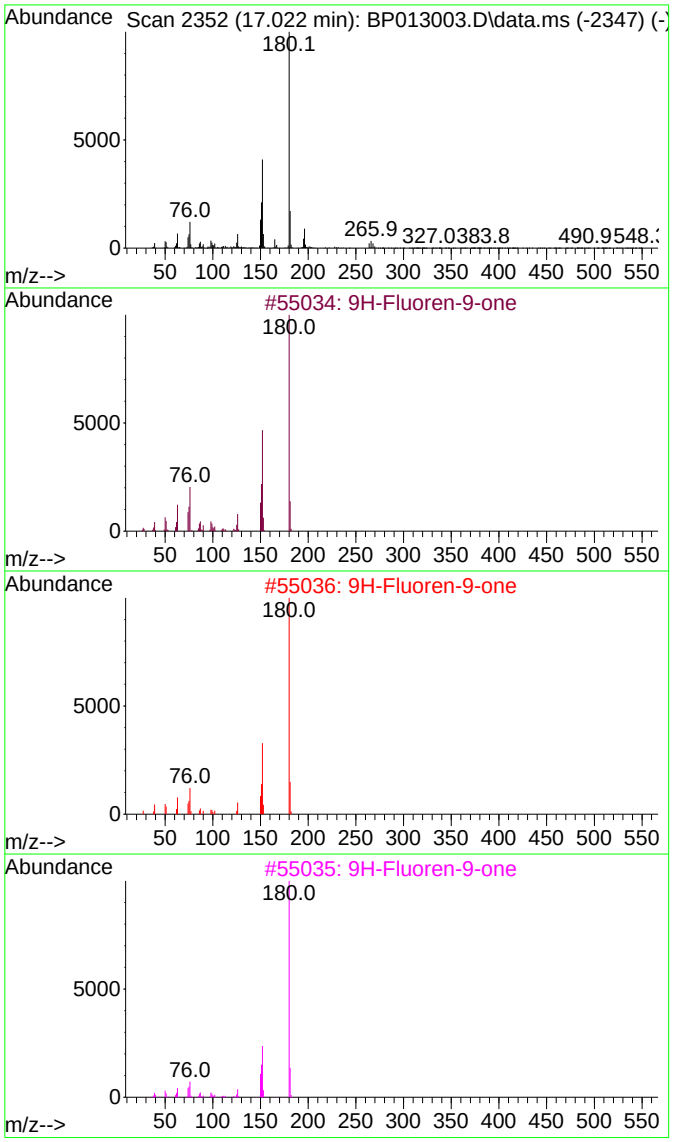
Quant Title : SVOA CALIBRATION

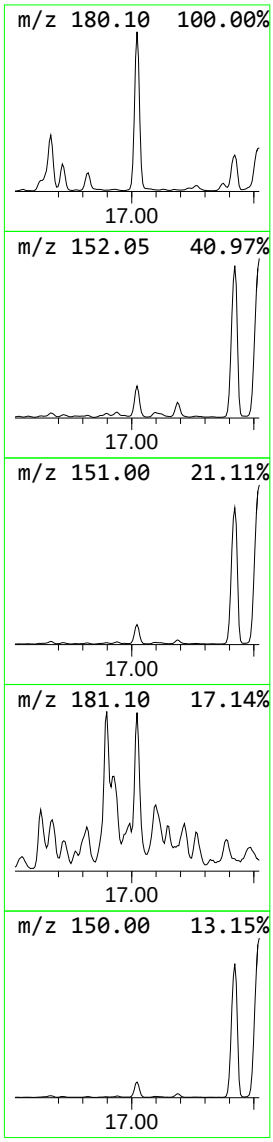
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	5.58 ng/ul	3545830	Phenanthrene-d10	17.375

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	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

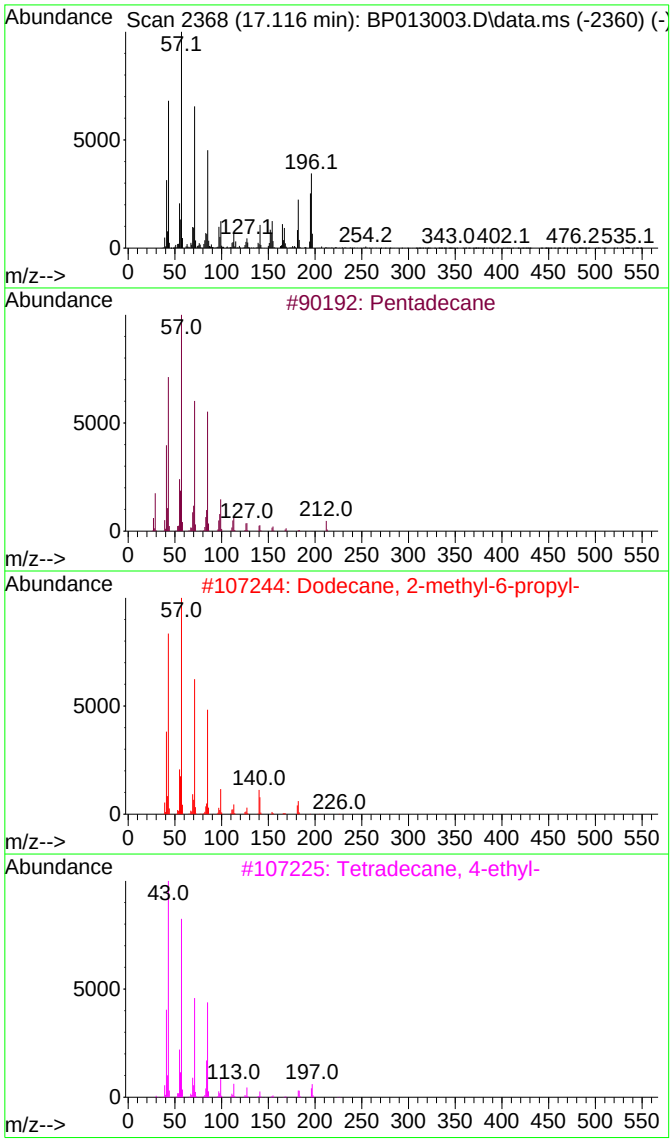
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

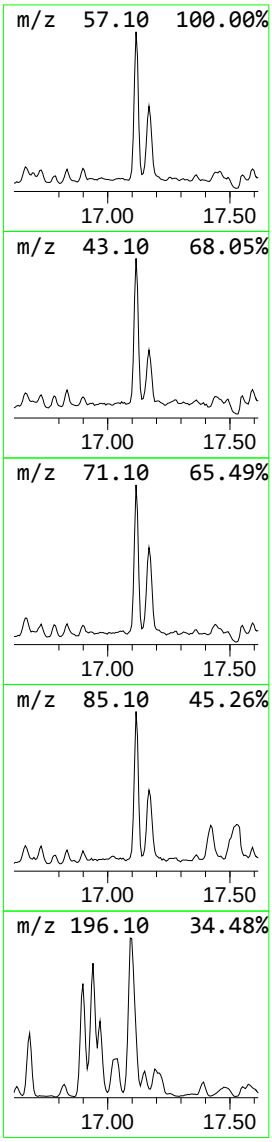
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	8.33 ng/ul	5292630	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	70
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	50
4	Octacosane	394	C28H58	000630-02-4	43
5	Heneicosane	296	C21H44	000629-94-7	41





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

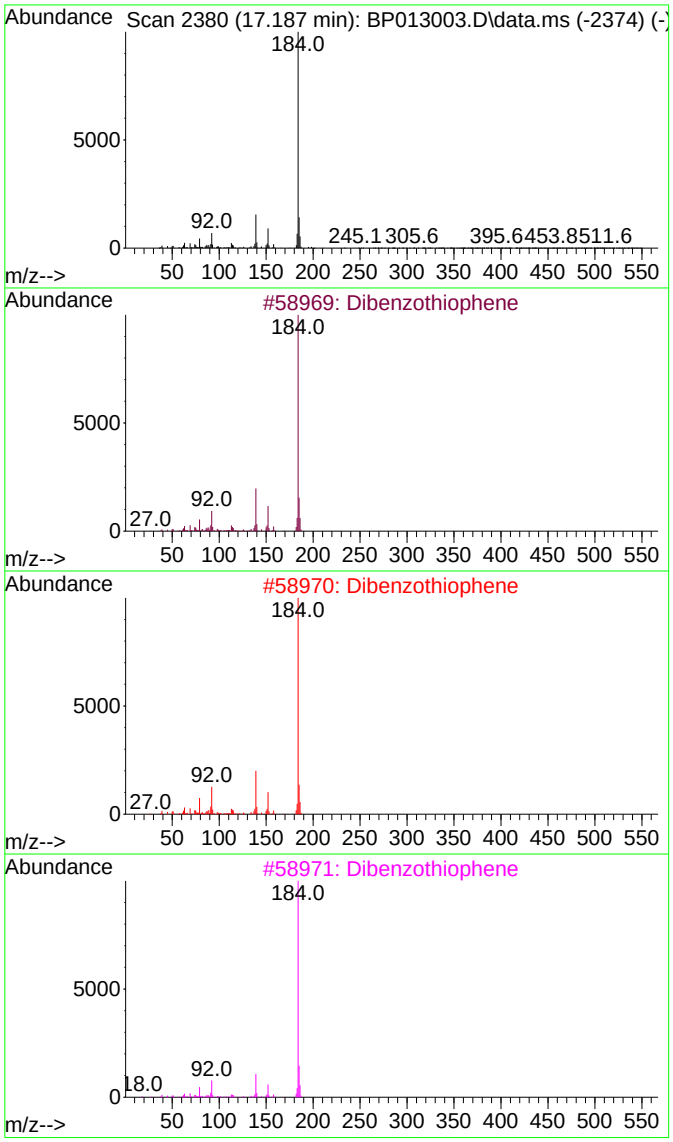
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

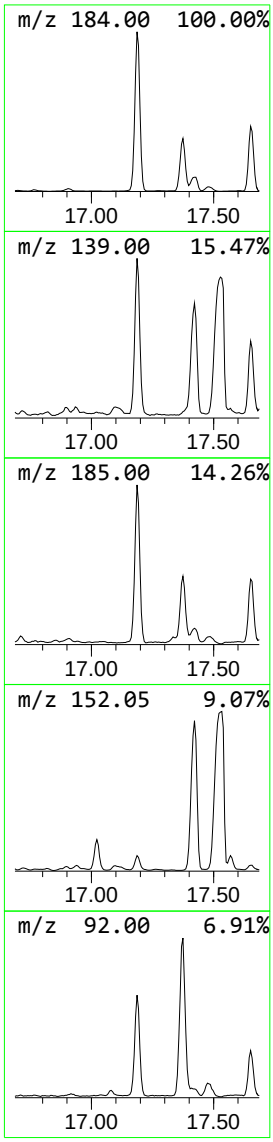
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	10.14 ng/ul	6444810	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

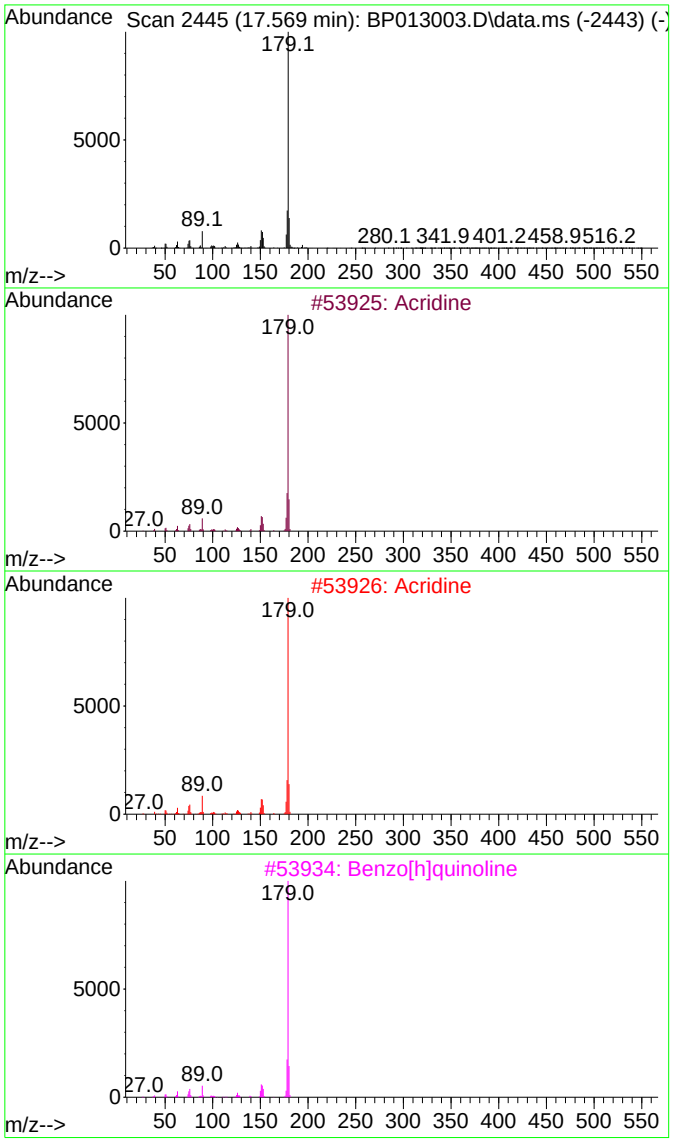
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

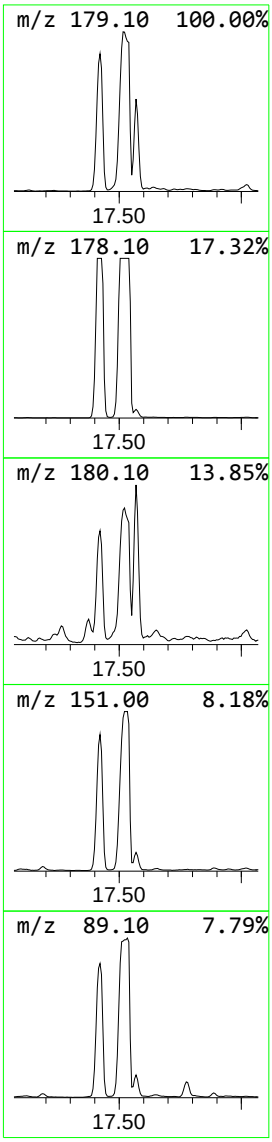
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.569	7.64 ng/ul	4852600	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Acridine	179	C13H9N	000260-94-6	96
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
4	Phenanthridine	179	C13H9N	000229-87-8	94
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	94





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

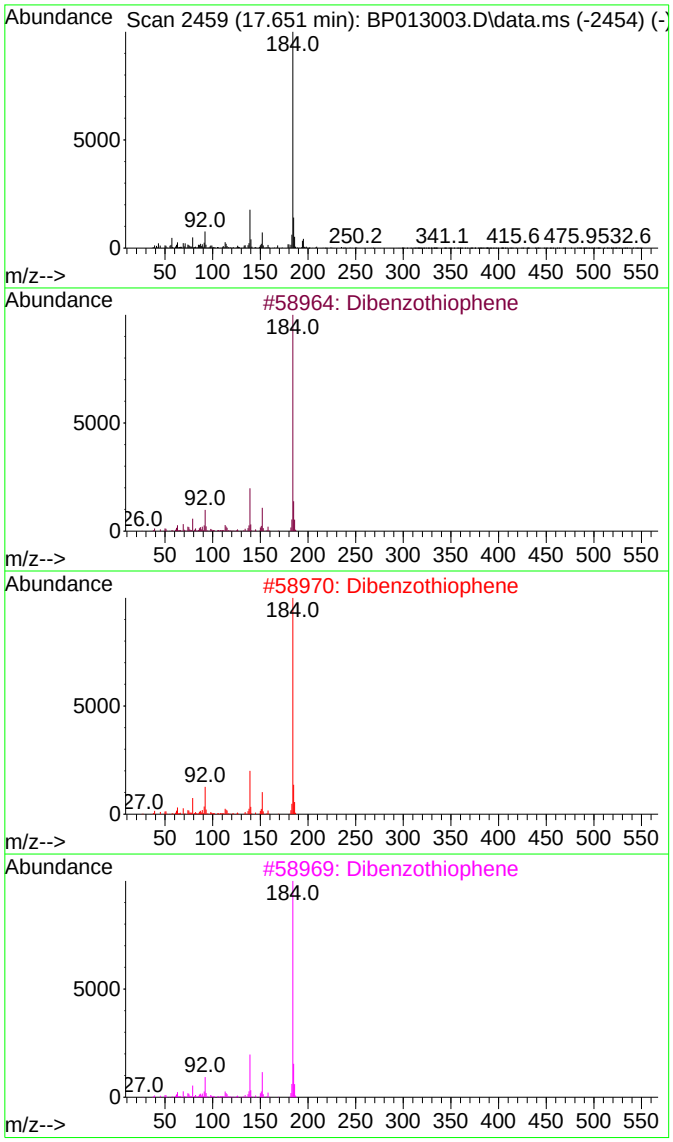
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

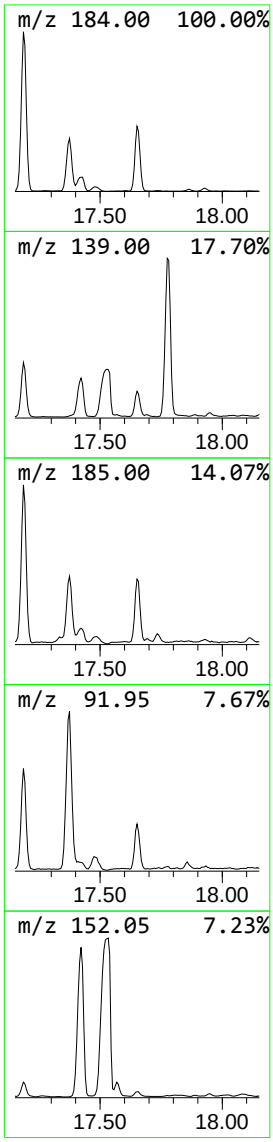
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphtho[1,2-b]thiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	4.63 ng/ul	2939480	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





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Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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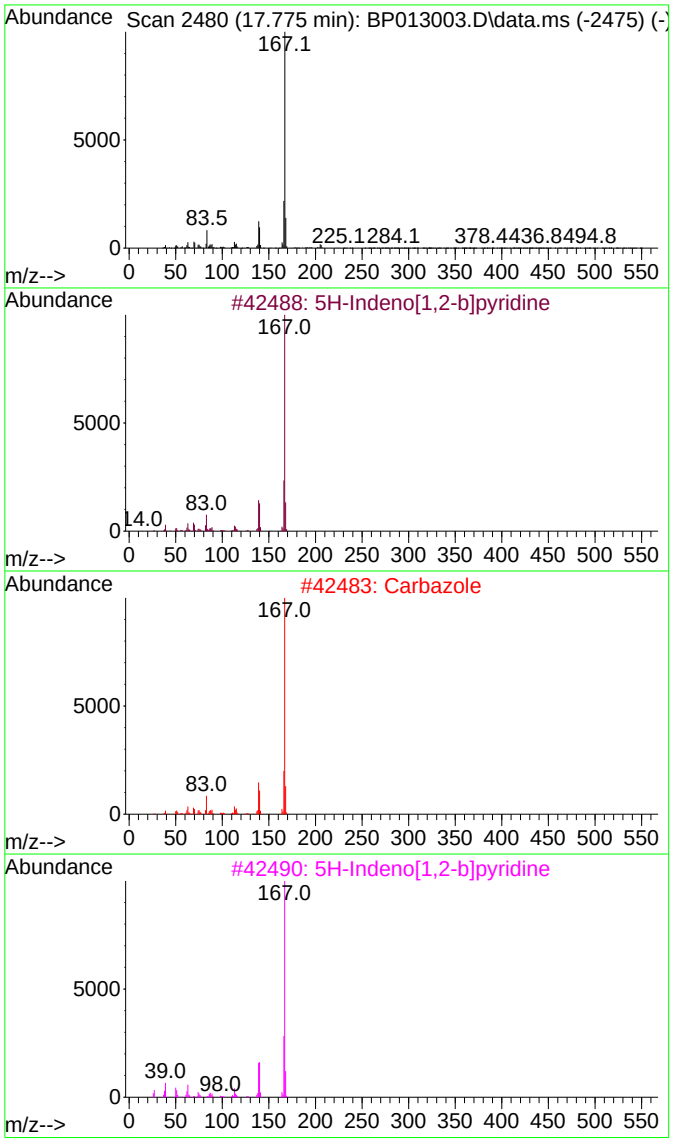
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

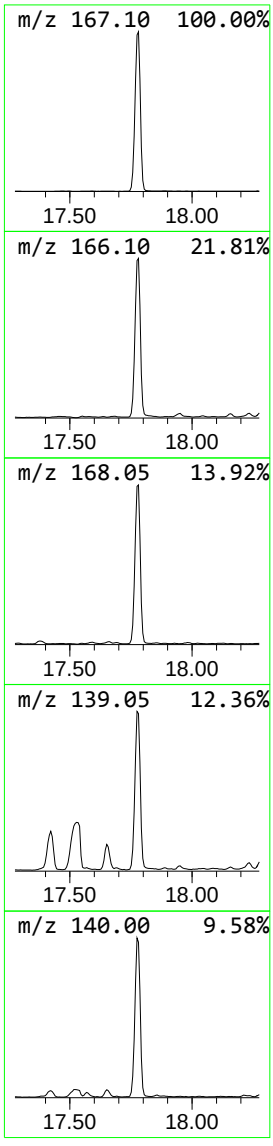
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	30.77 ng/ul	19552200	Phenanthrene-d10	17.375

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	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	Carbazole	167	C12H9N	000086-74-8	87





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Misc :
ALS Vial : 29 Sample Multiplier: 1

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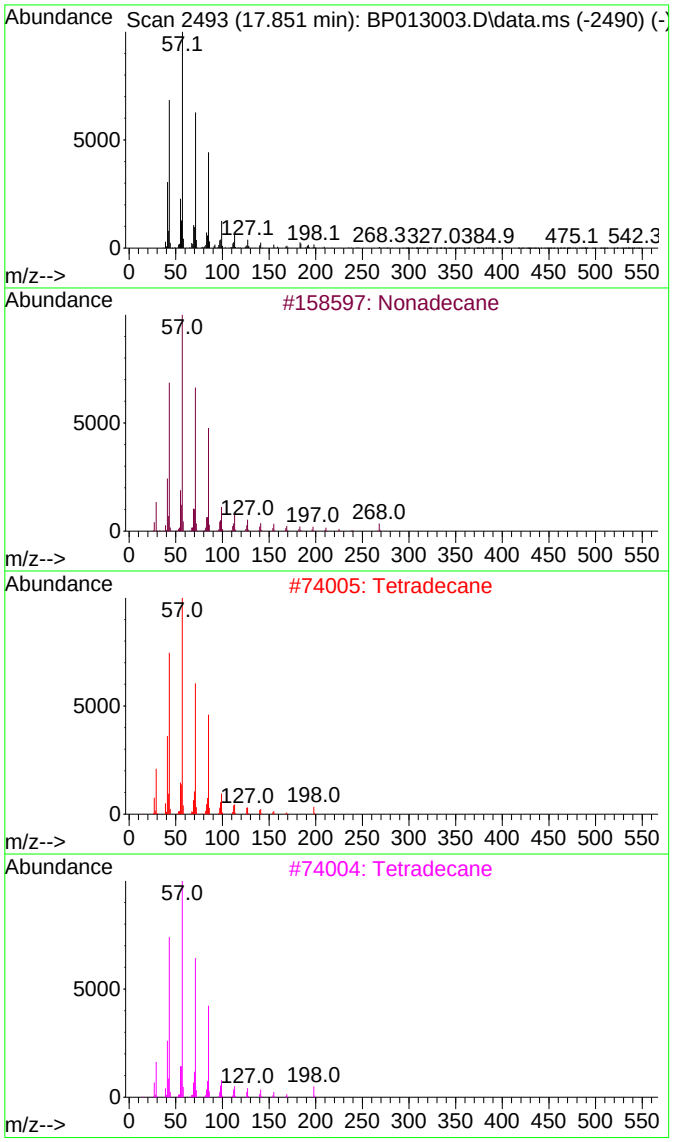
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

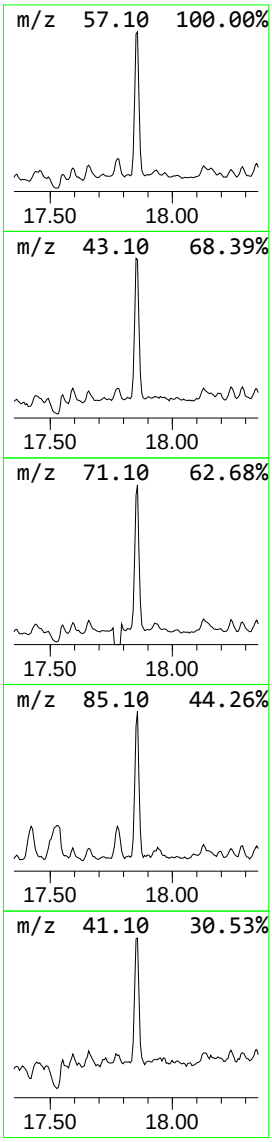
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	3.46 ng/ul	2197470	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	94
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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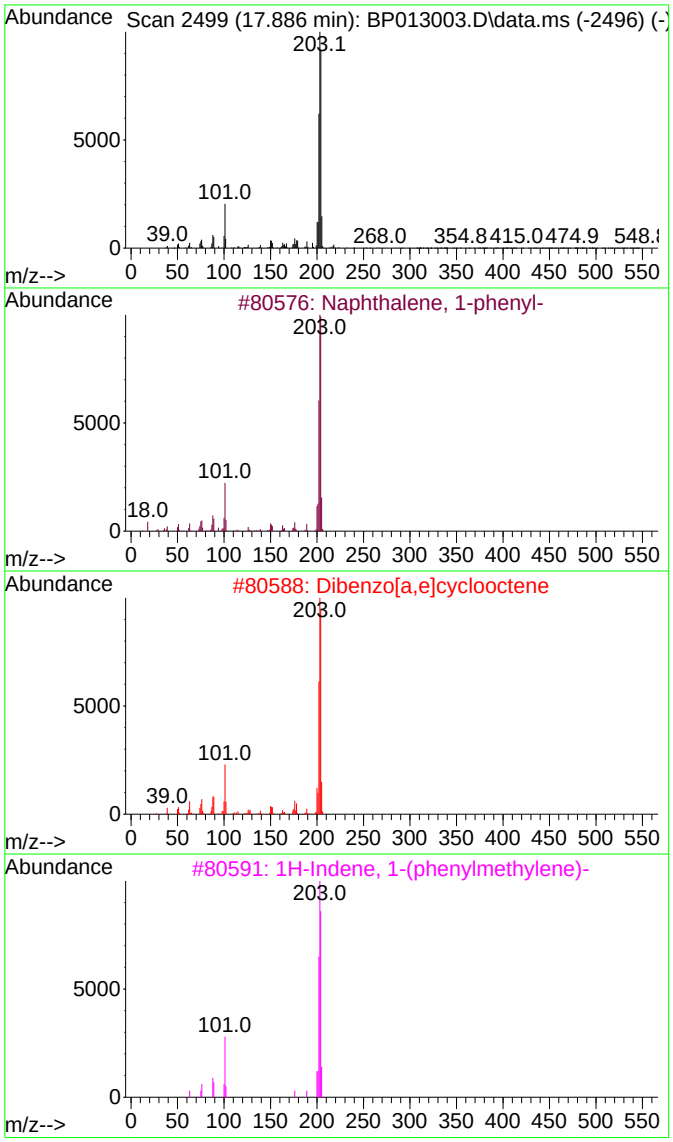
Quant Title : SVOA CALIBRATION

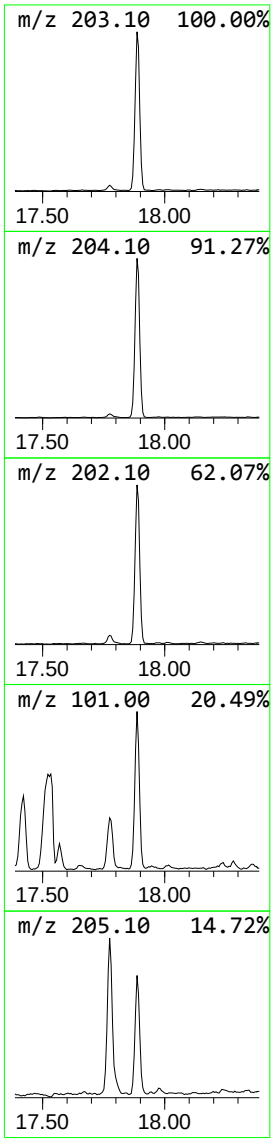
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1-phenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	3.93 ng/ul	2494520	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	98
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
3	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89





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Misc :
ALS Vial : 29 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

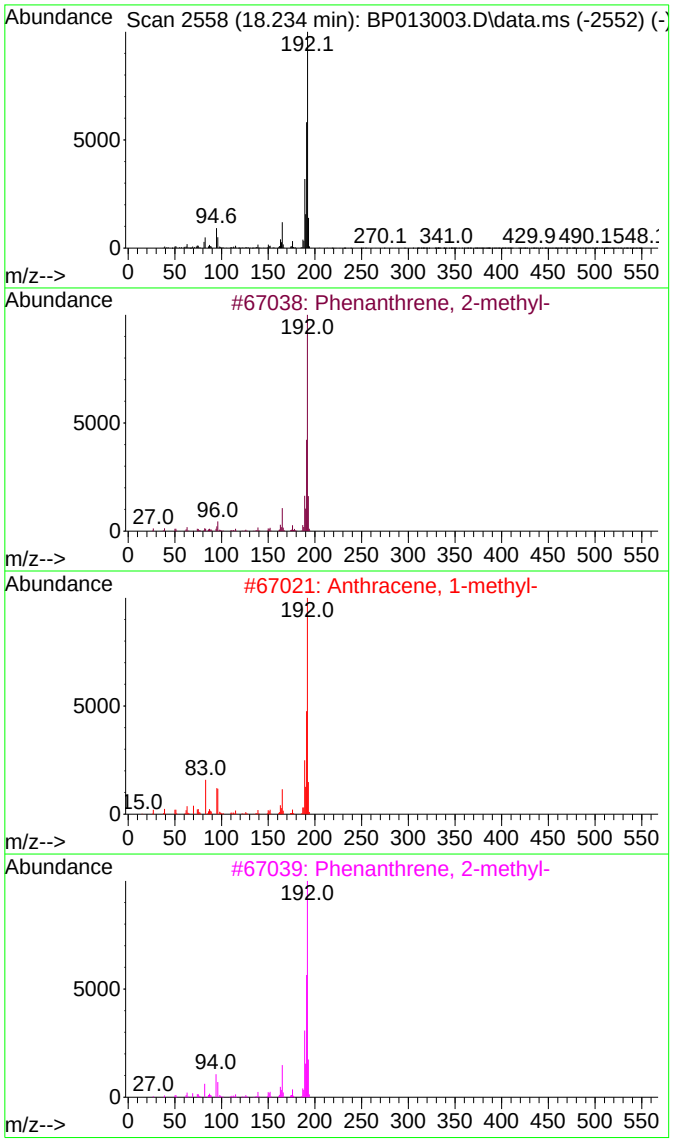
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

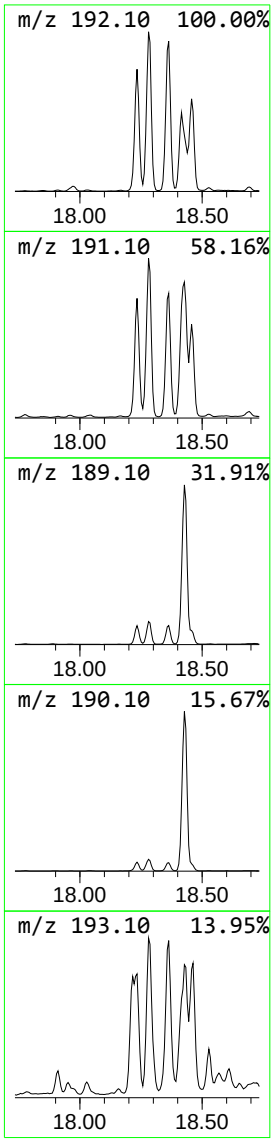
****

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	9.63 ng/ul	6118920	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

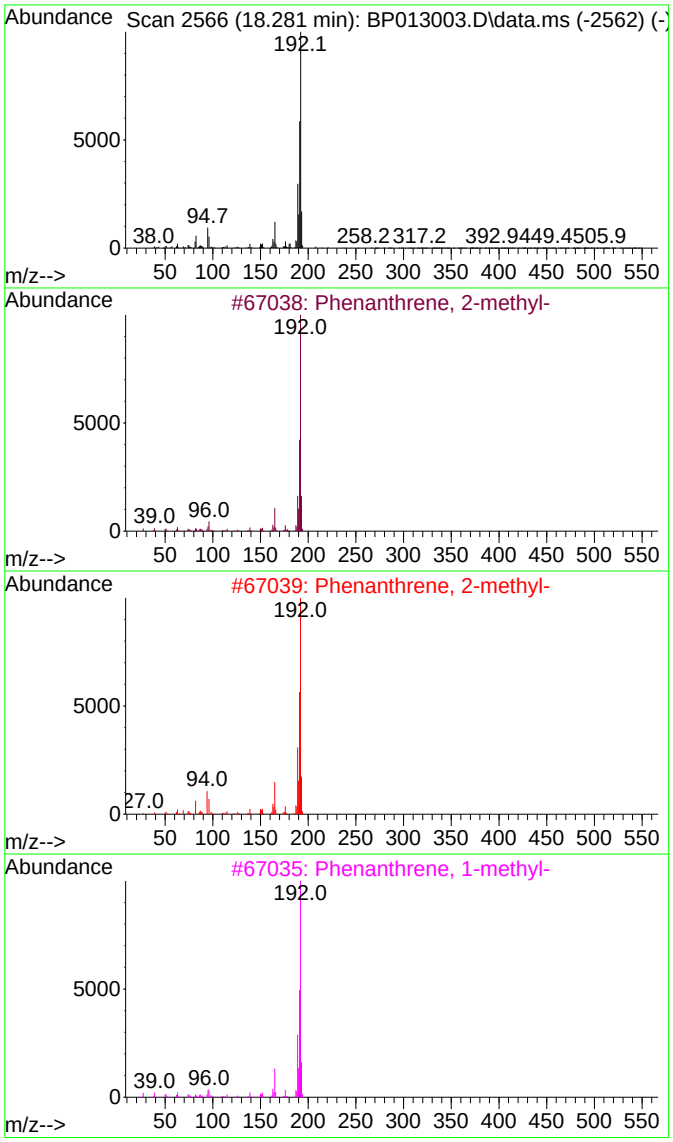
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

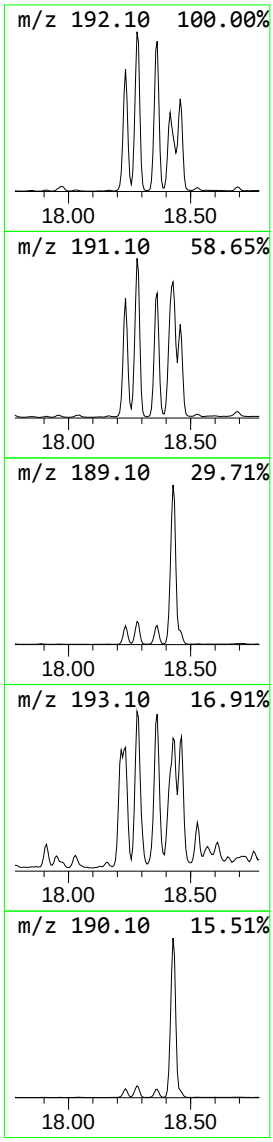
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	14.52 ng/ul	9226430	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

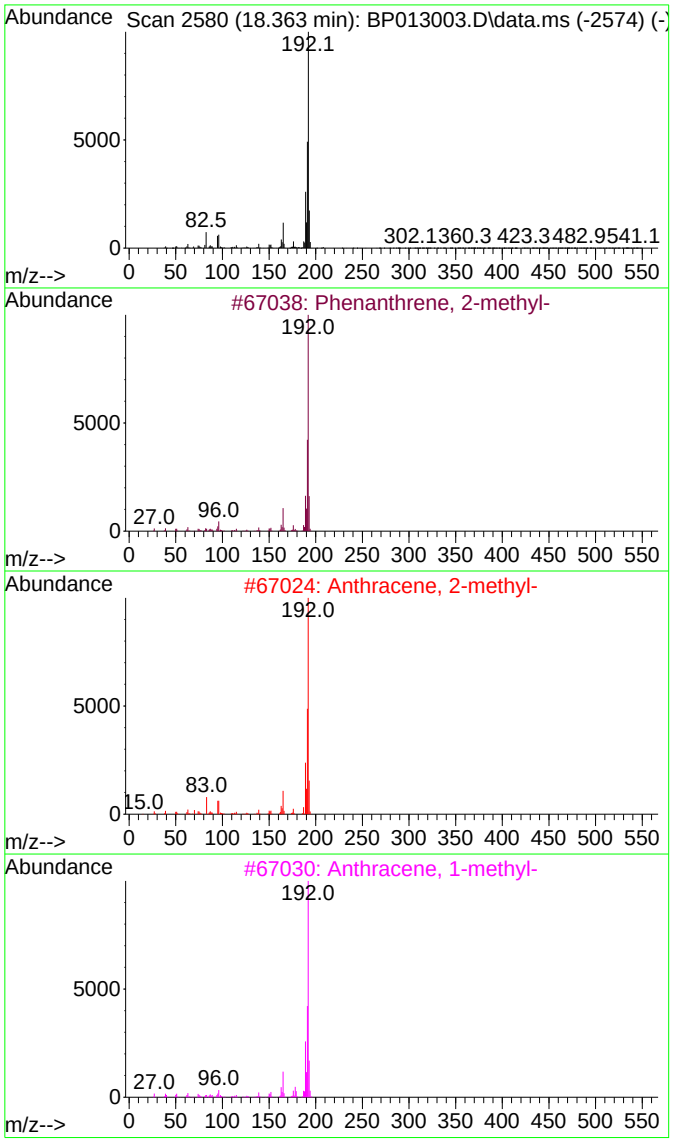
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

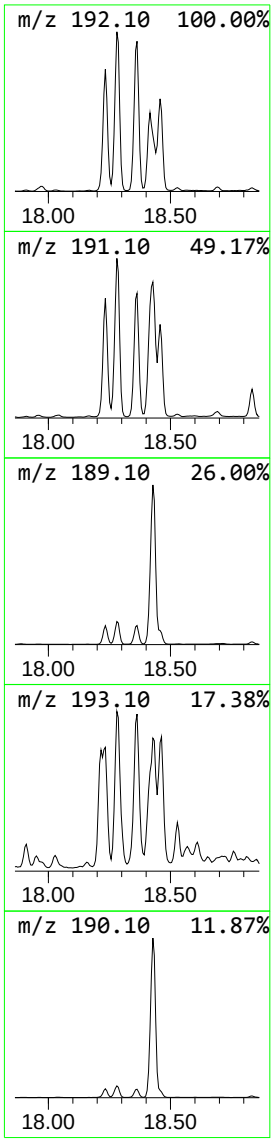
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	12.09 ng/ul	7683640	Phenanthrene-d10	17.375

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





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

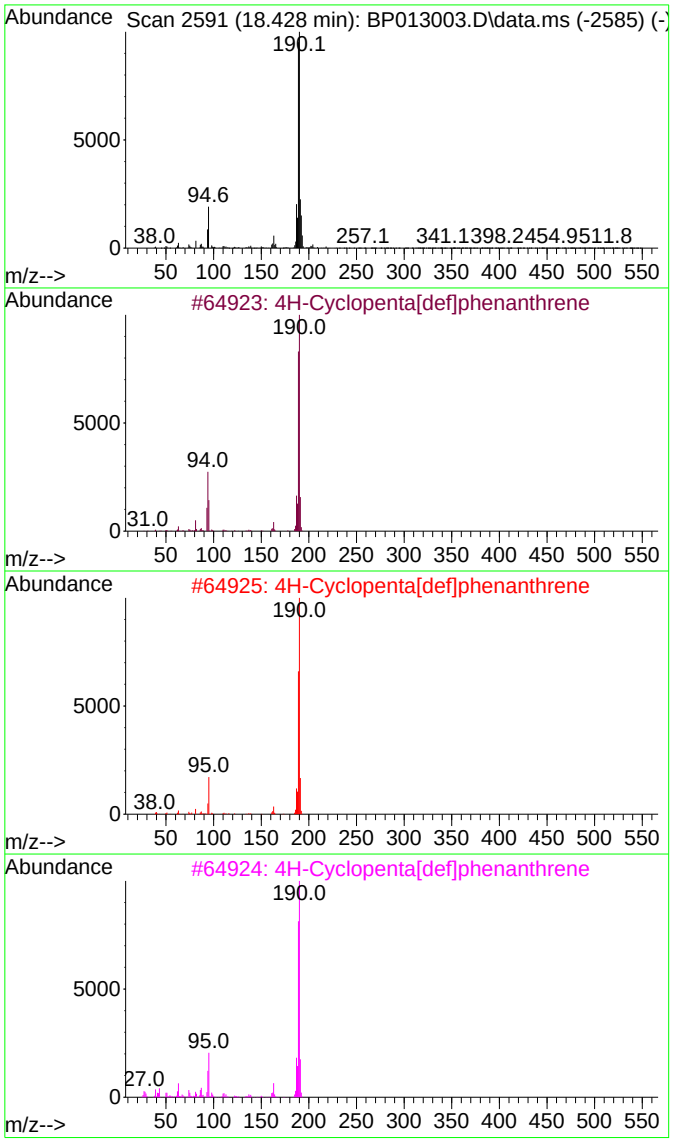
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

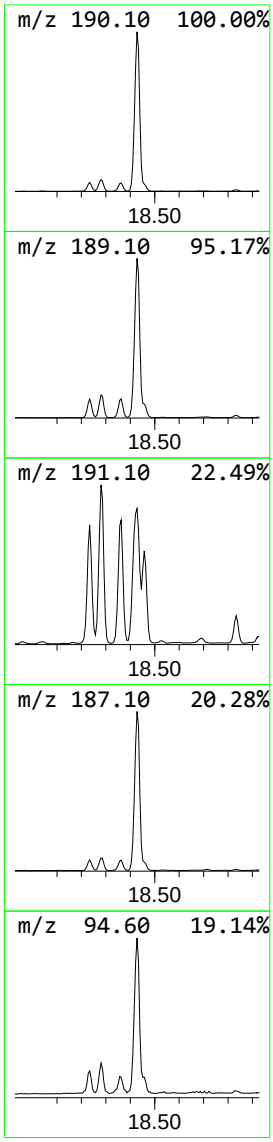
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	40.09 ng/ul	25473800	Phenanthrene-d10	17.375

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	74
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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

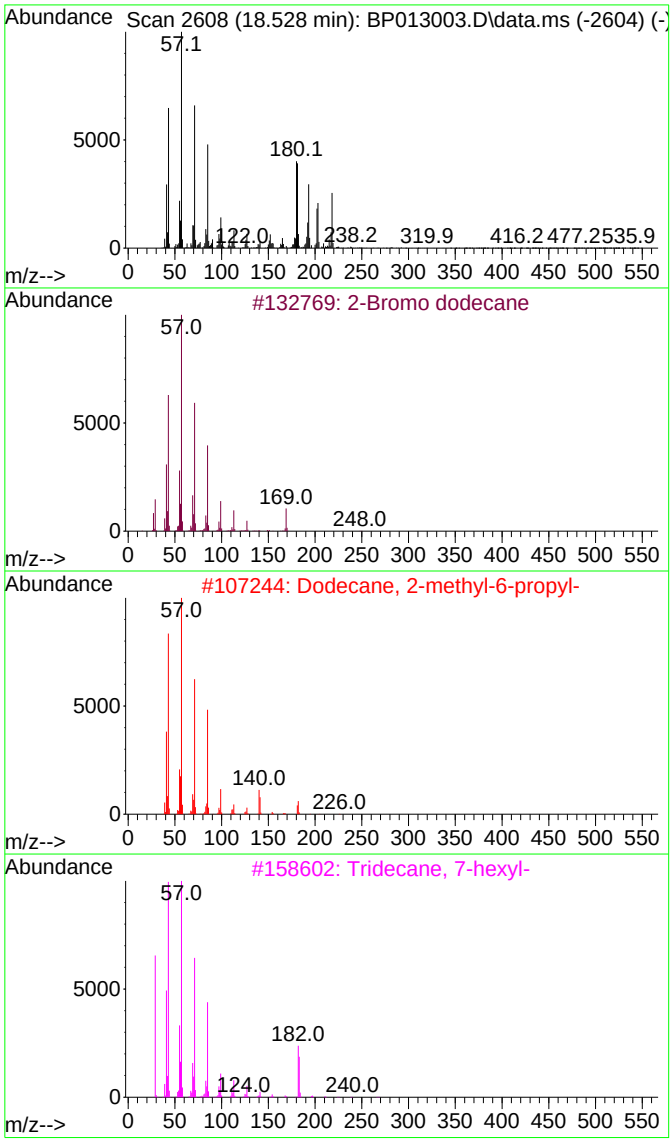
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

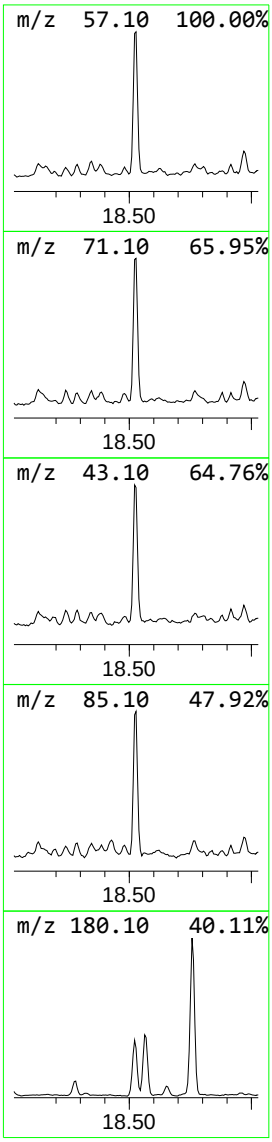
****

Peak Number 23 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	4.30 ng/ul	2730210	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	44
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	35
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	25
4	Hexadecane	226	C16H34	000544-76-3	20
5	Nonadecane	268	C19H40	000629-92-5	20





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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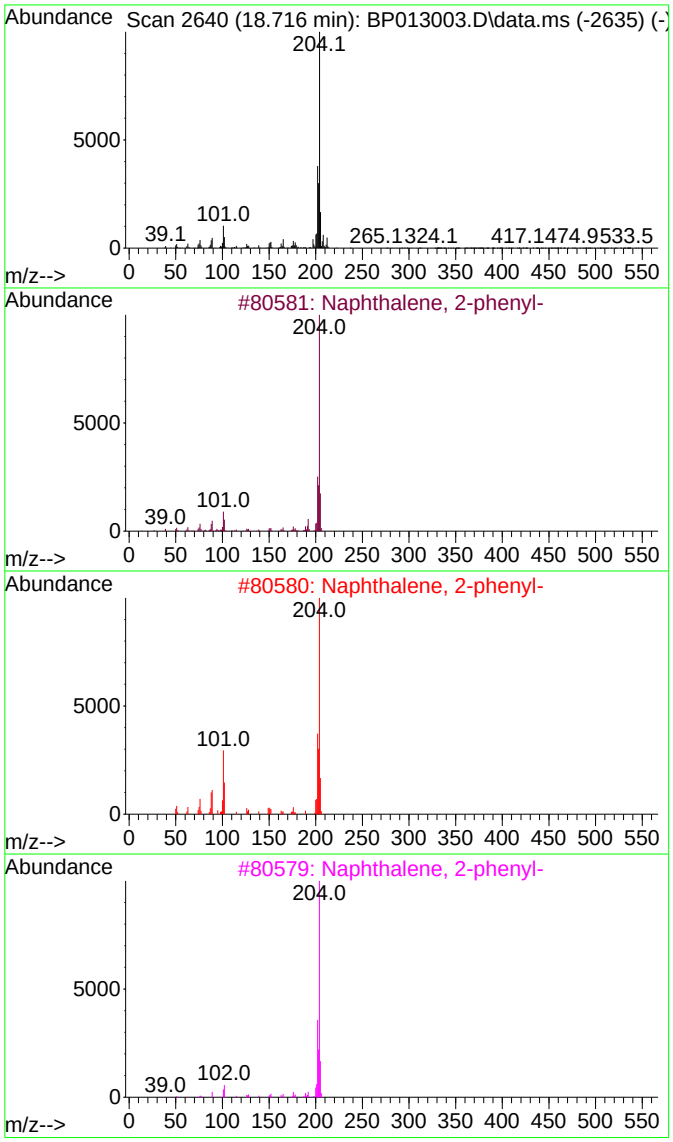
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

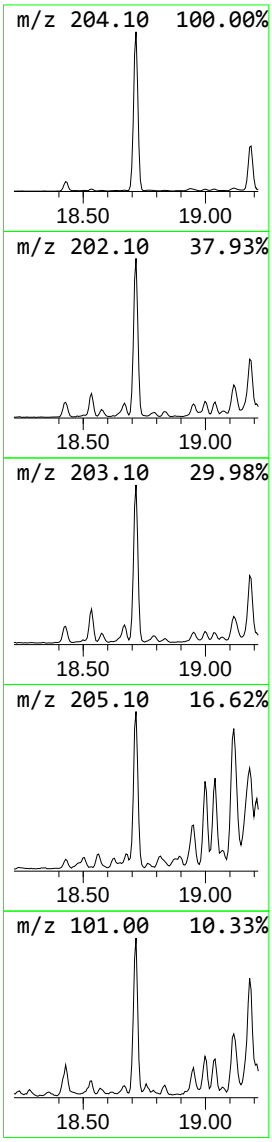
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.716	7.65 ng/ul	4858100	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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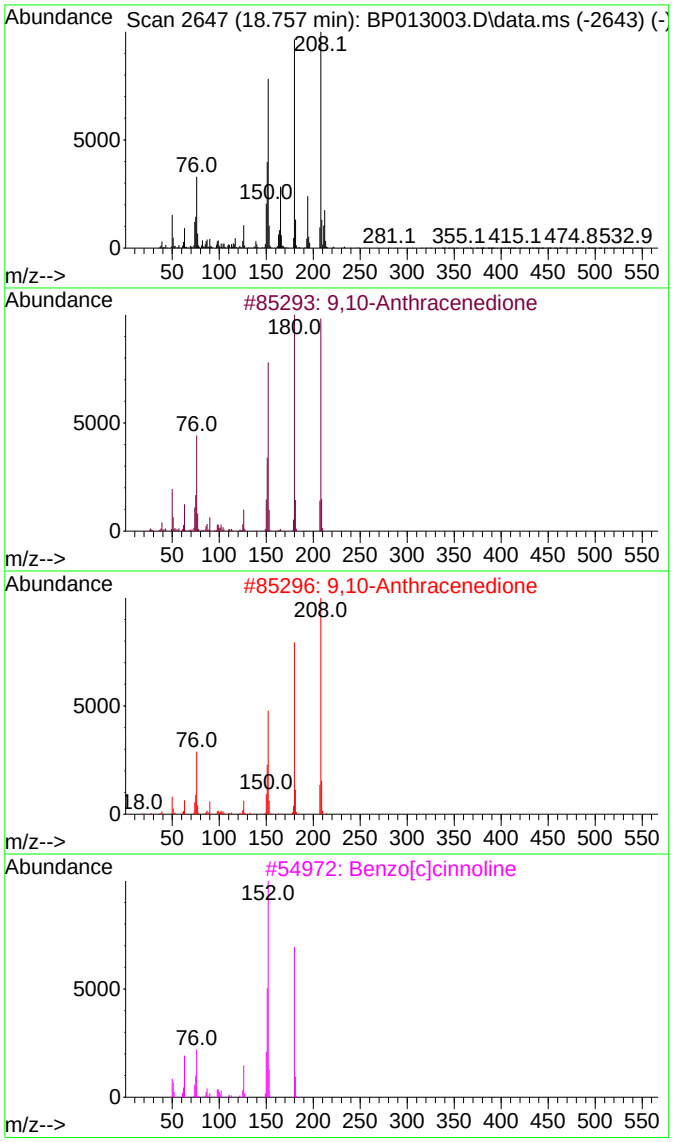
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

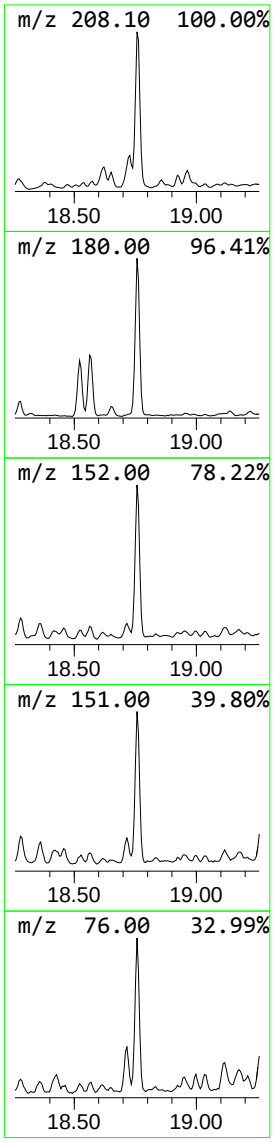
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.757	7.56 ng/ul	4802480	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	68





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

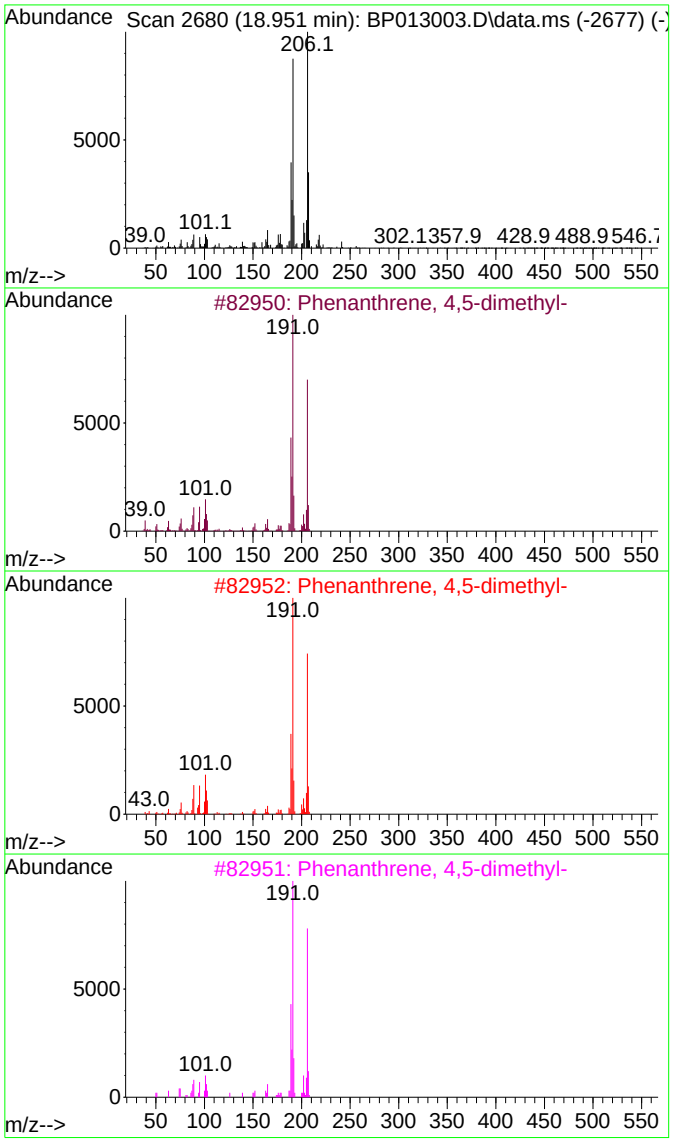
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

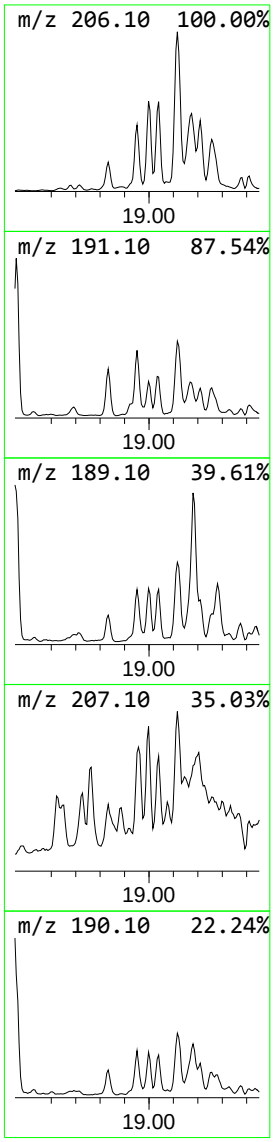
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Phenanthrene, 4,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	4.14 ng/ul	2632020	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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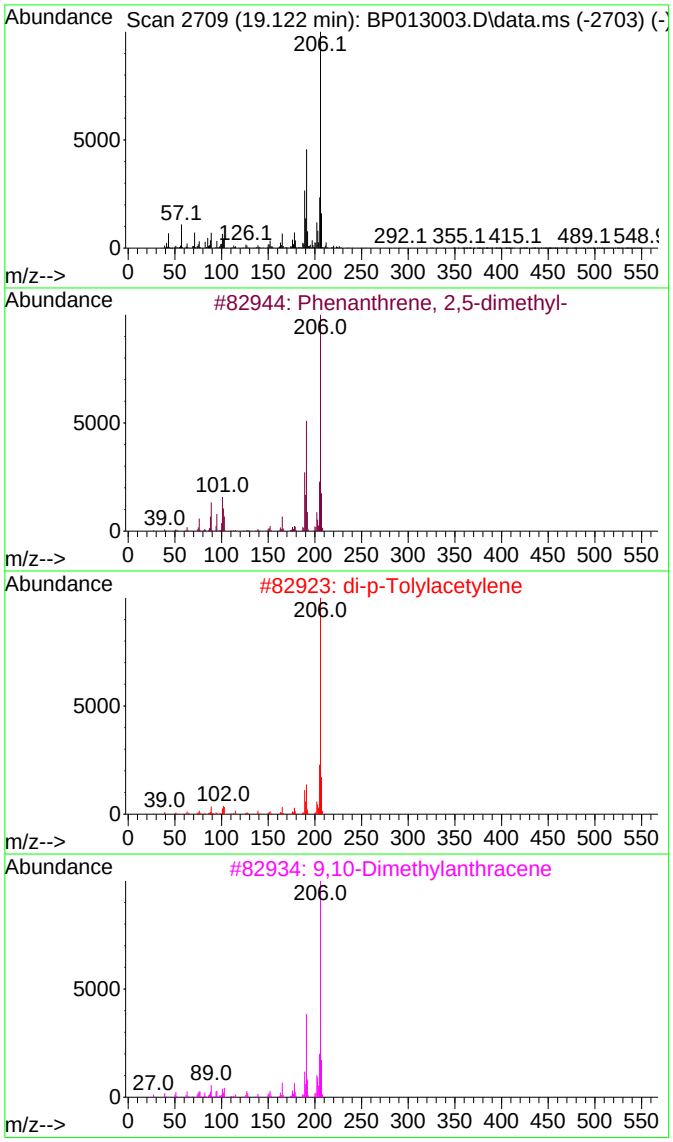
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

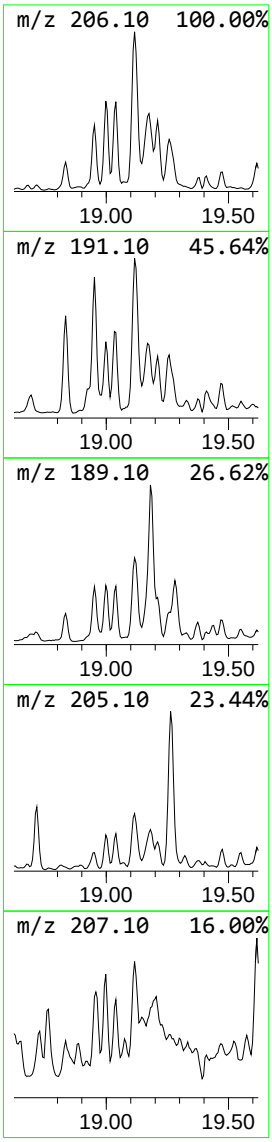
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	9.61 ng/ul	6104870	Phenanthrene-d10	17.375

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





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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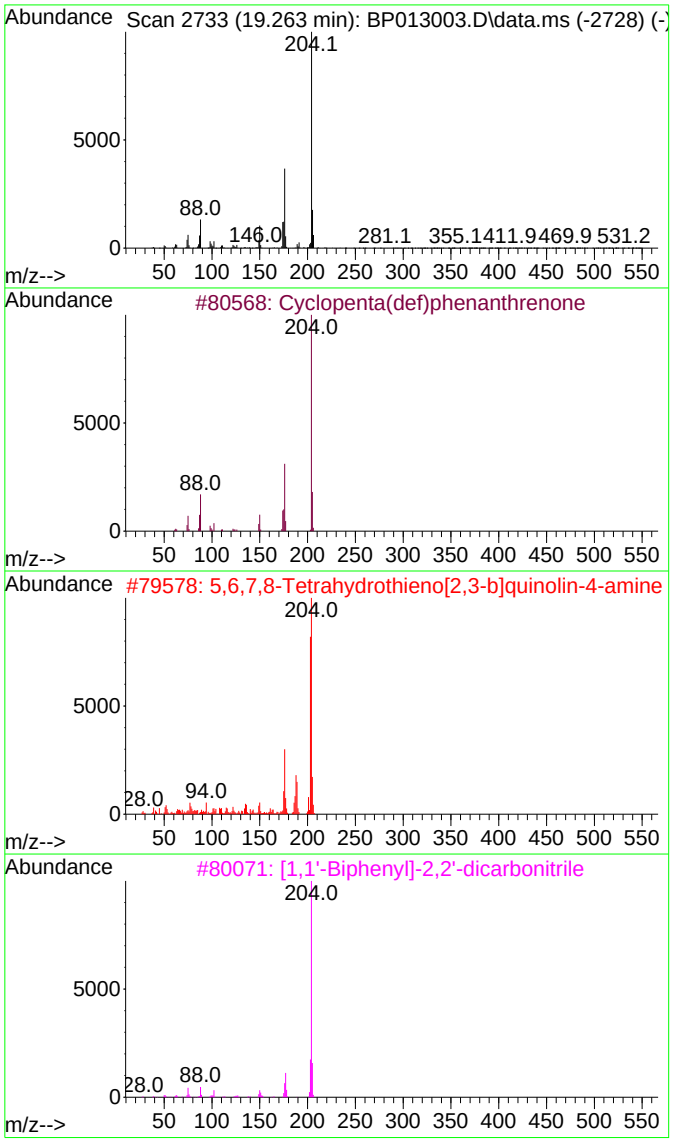
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

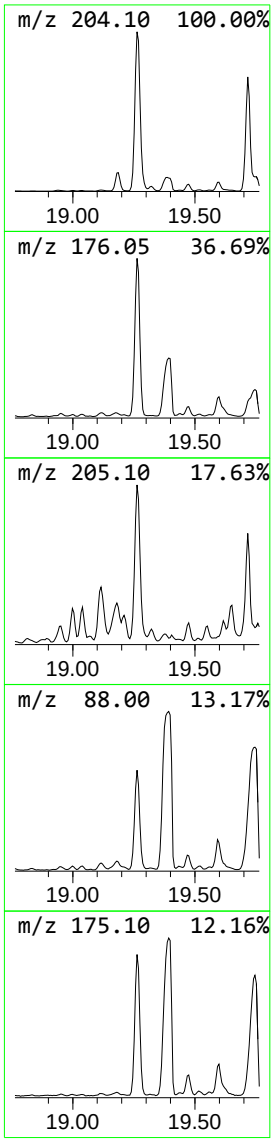
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	21.16 ng/ul	13445600	Phenanthrene-d10	17.375

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	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

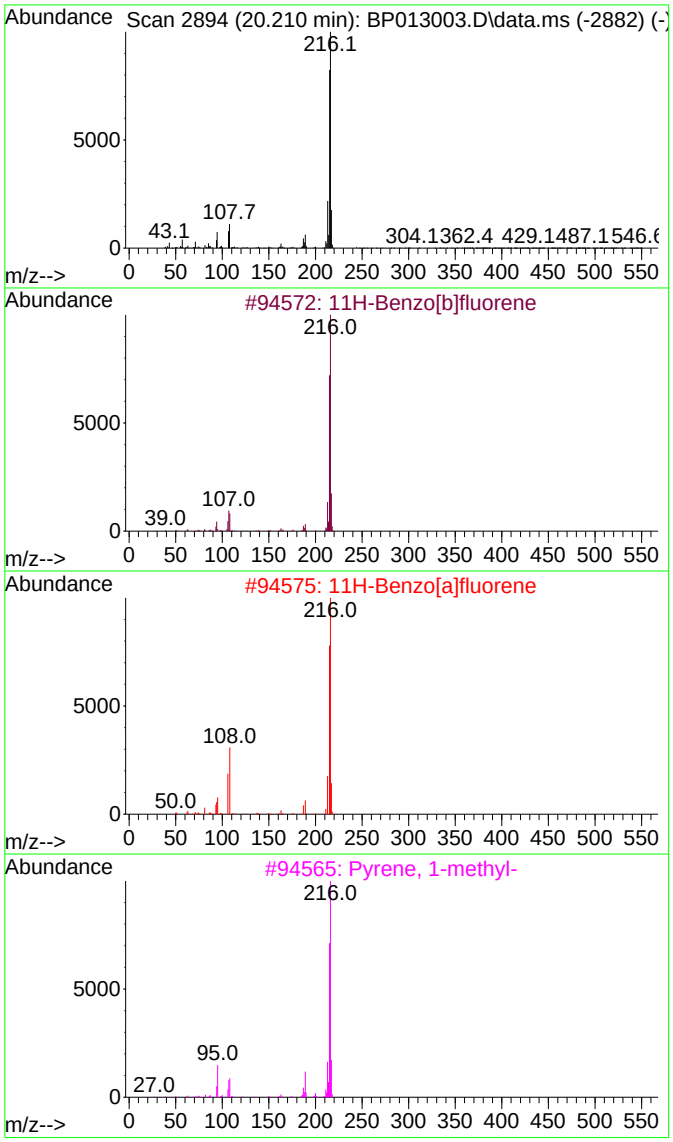
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

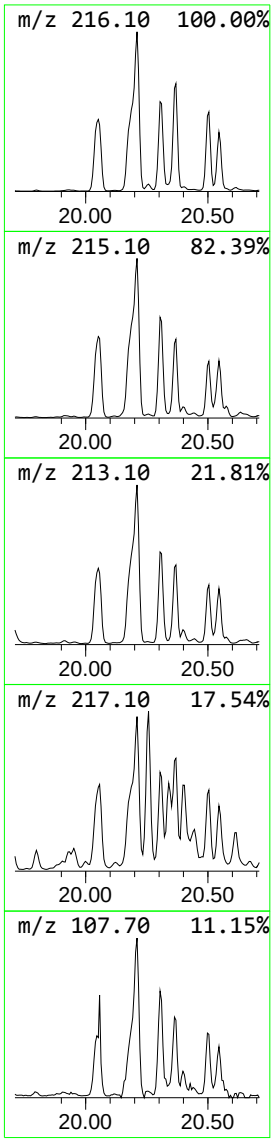
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	8.38 ng/ul	24621700	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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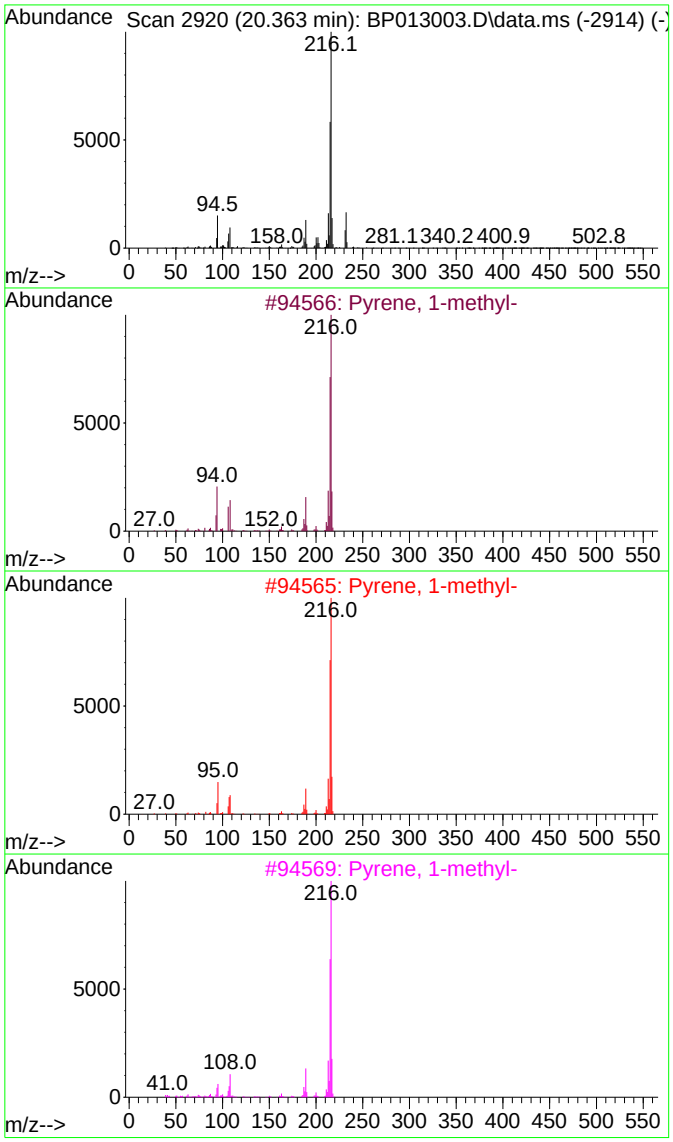
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

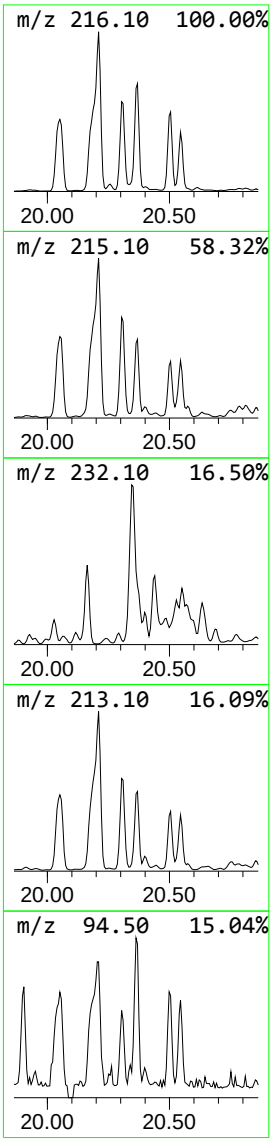
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Pyrene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.363	4.23 ng/ul	12446800	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

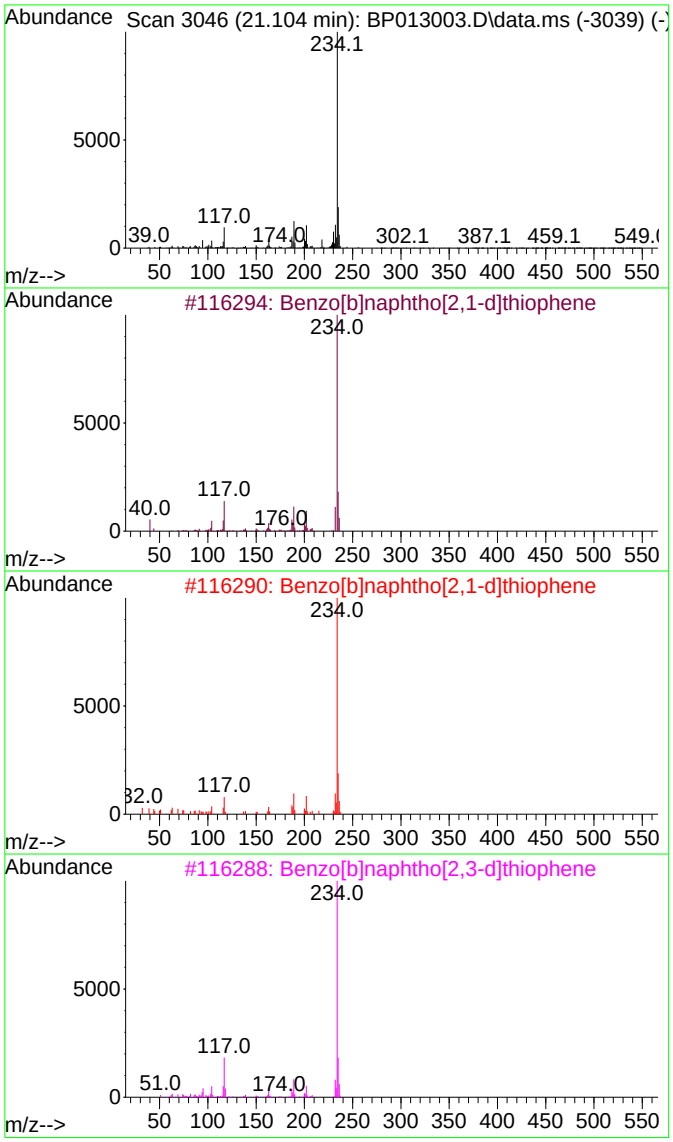
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

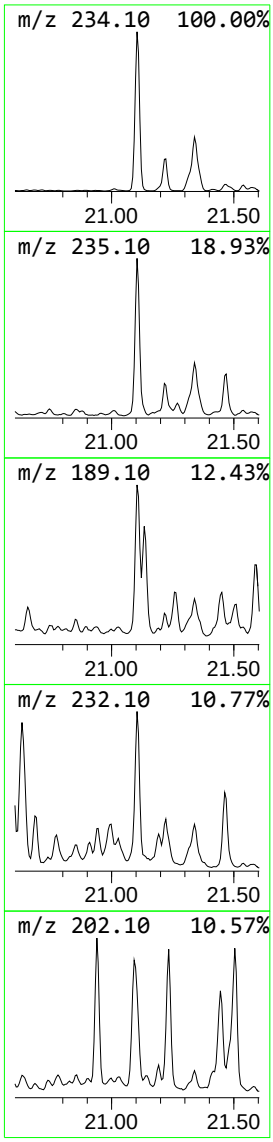
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	4.18 ng/ul	12301400	Chrysene-d12	21.463

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[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

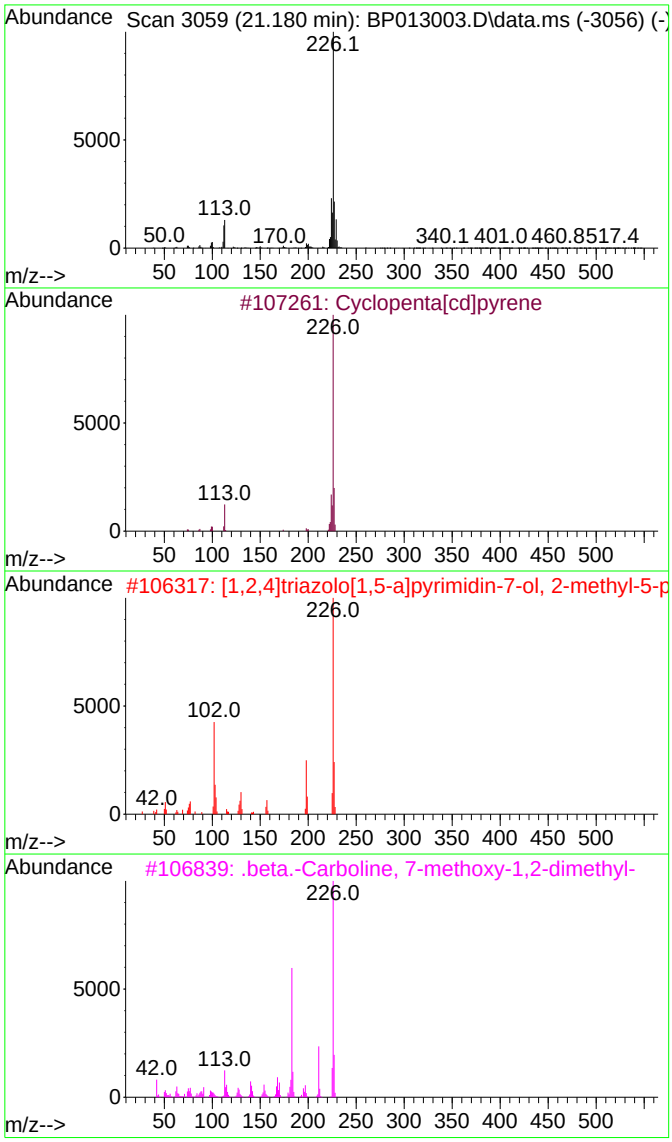
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

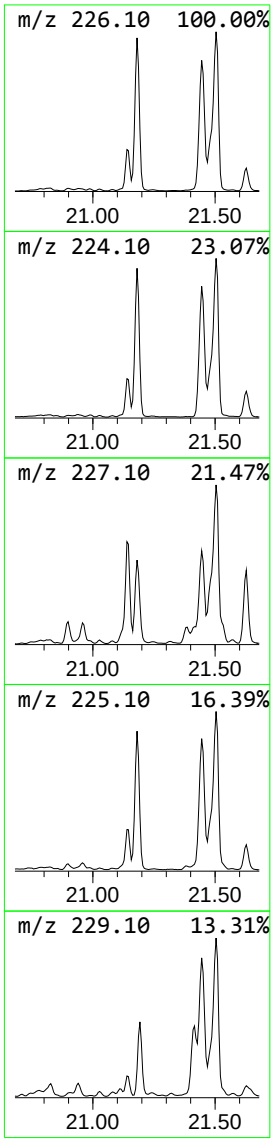
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Cyclopenta[cd]pyrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	4.28 ng/ul	12578600	Chrysene-d12	21.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	[1,2,4]triazolo[1,5-a]pyrimidin-...	226	C12H10N4O	1000403-04-9	50
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	42





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

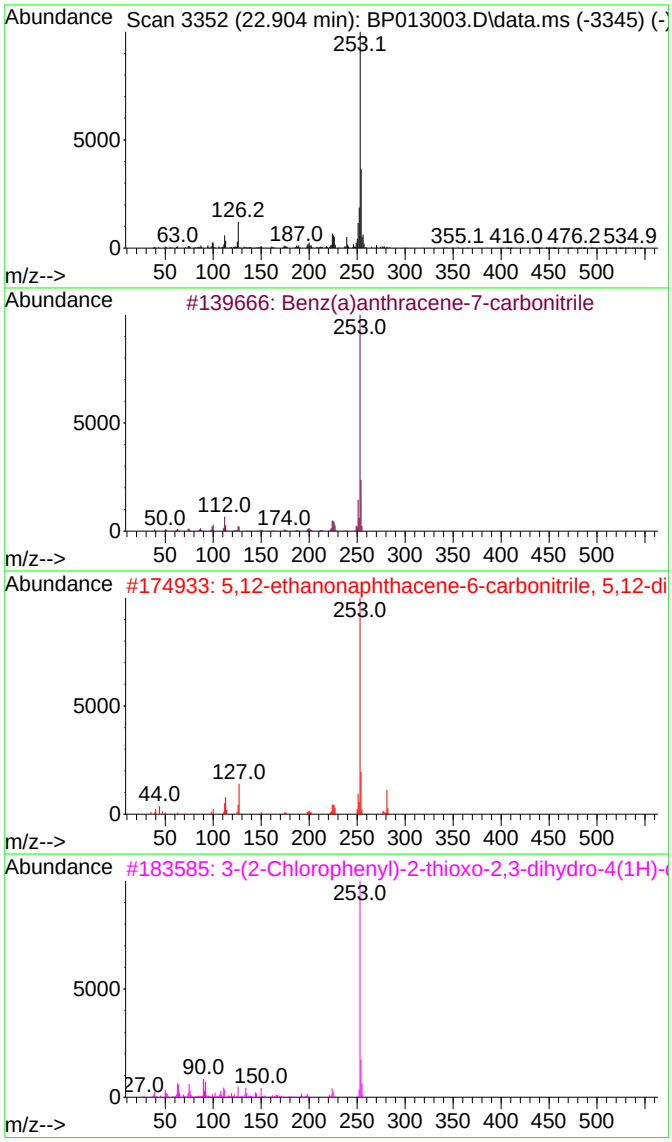
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

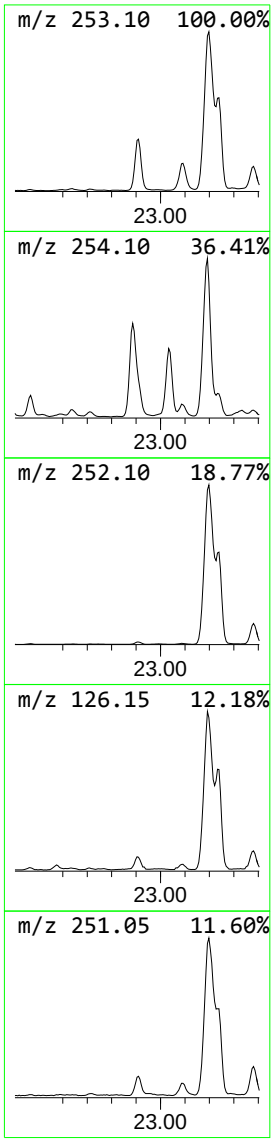
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benz(a)anthracene-7-carboni... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.904	7.80 ng/ul	4435500	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	81
2	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	56
3	3-(2-Chlorophenyl)-2-thioxo-2,3-...	288	C14H9ClN2OS	065141-60-8	53
4	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	52
5	Ethyl 4-(5-methyl-1,1-dioxido-4-...	373	C19H19NO5S	1000294-64-6	40





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Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

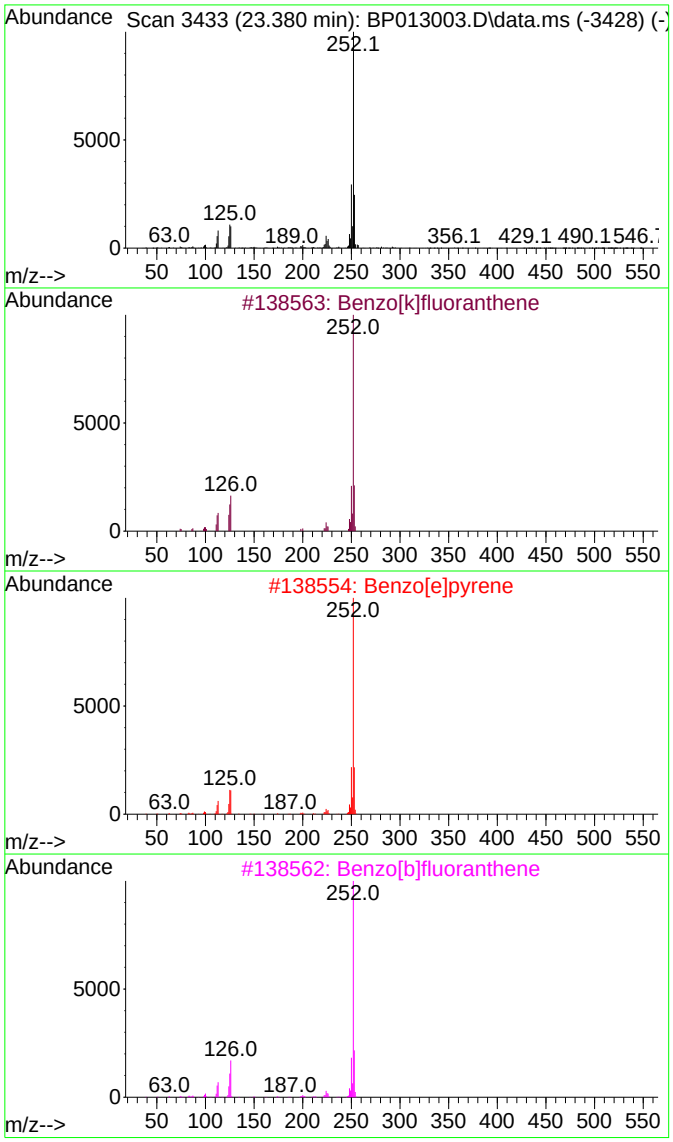
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

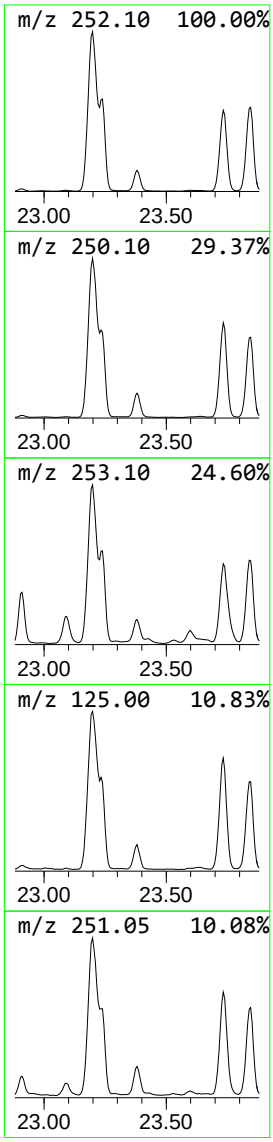
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.380	6.09 ng/ul	3464000	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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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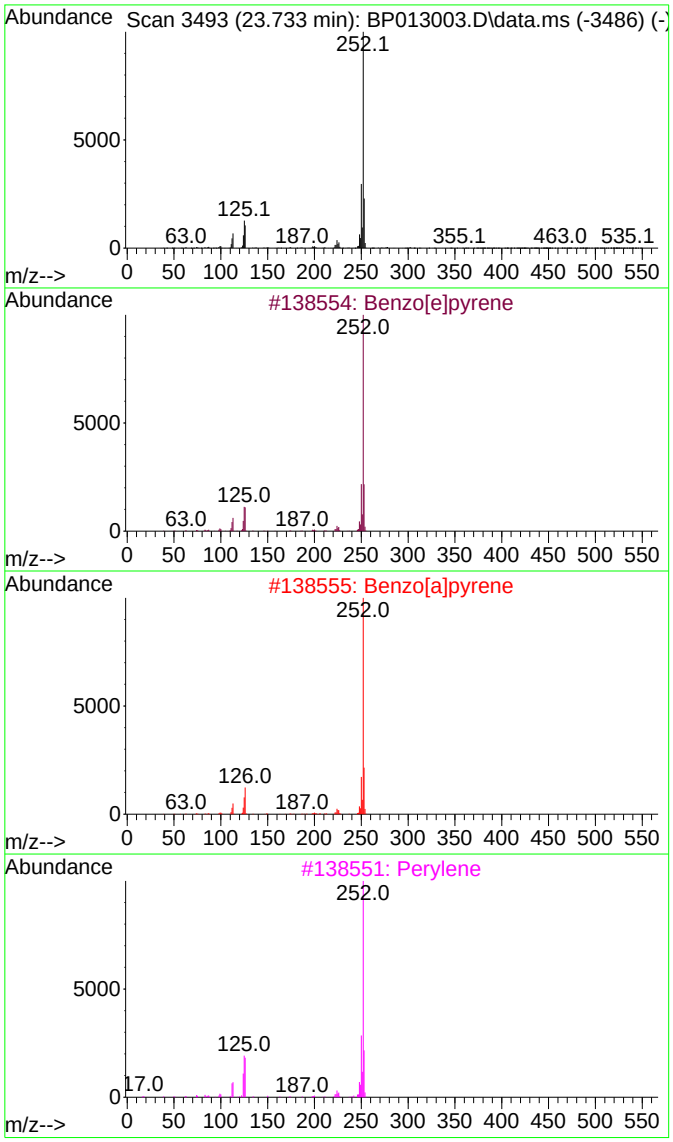
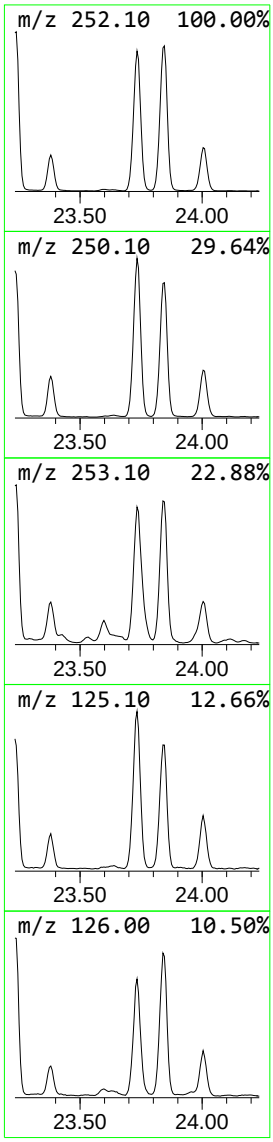
Peak Number 50 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.733	27.00 ng/ul	15363400	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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

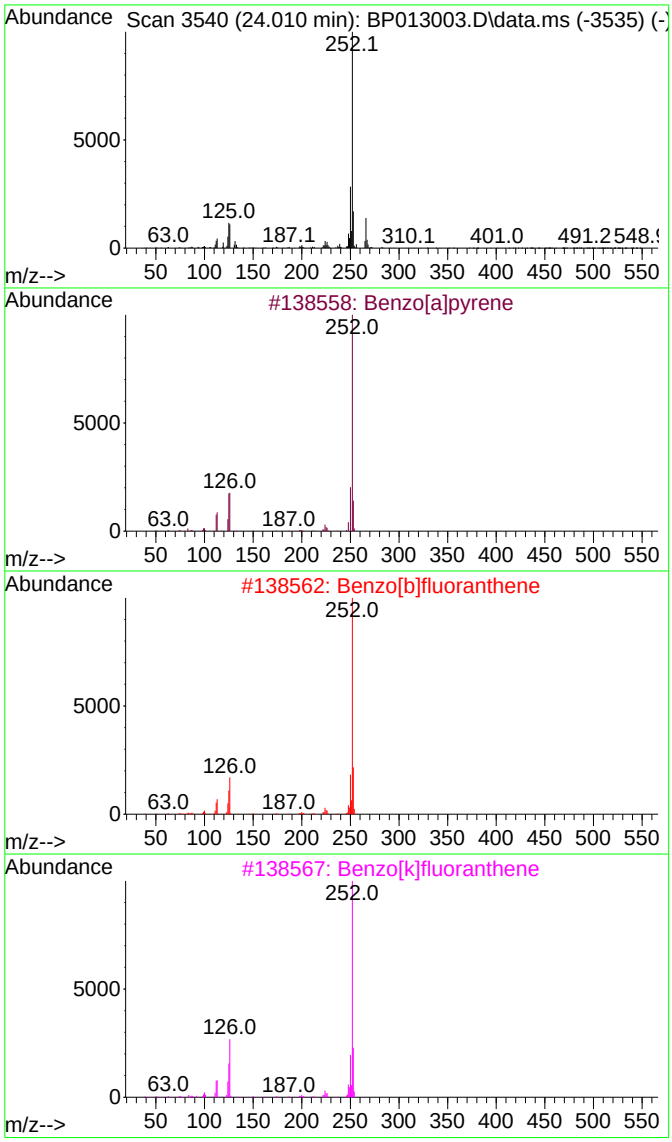
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

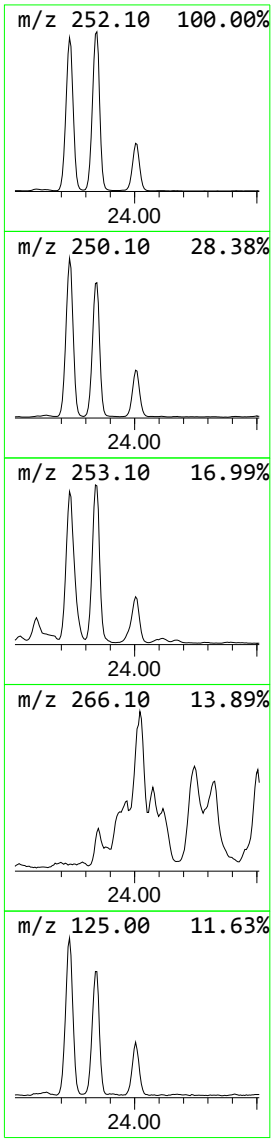
****

Peak Number 51 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.010	11.12 ng/ul	6324500	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	92
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

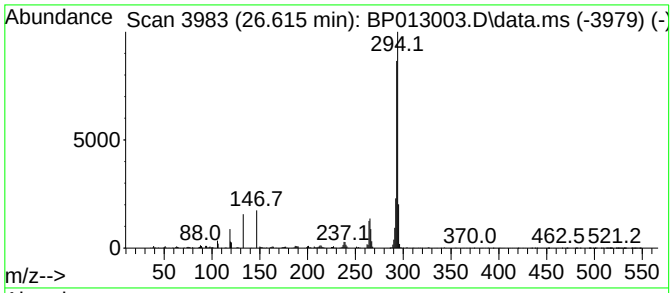
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

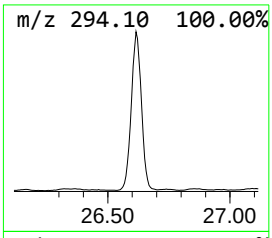
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

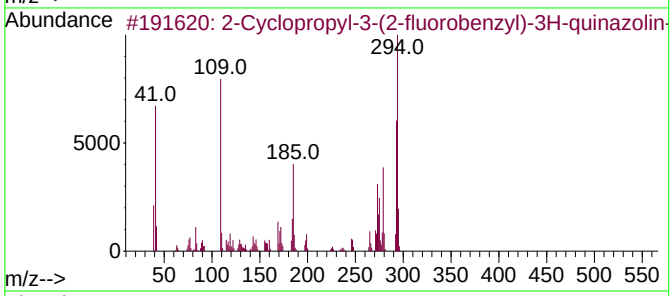
****
Peak Number 52 2-Cyclopropyl-3-(2-fluorobe... Concentration Rank 6

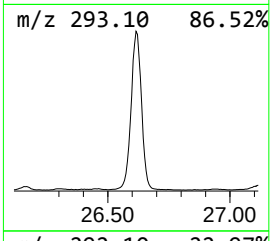
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.615	13.10 ng/ul	7453780	Perylene-d12	23.951

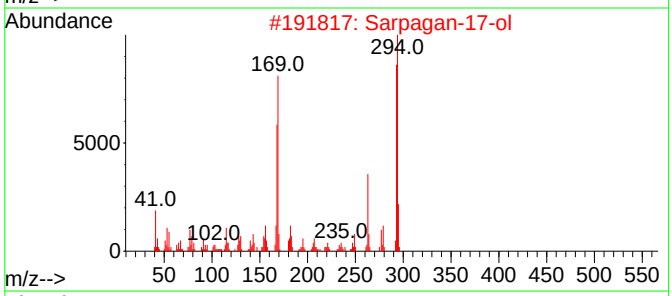
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopropyl-3-(2-fluorobenzyl)...	294	C18H15FN2O	1000311-61-2	64
2	Sarpagan-17-ol	294	C19H22N2O	000604-99-9	64
3	Vinburnine	294	C19H22N2O	004880-88-0	59
4	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	53
5	Vinburnine	294	C19H22N2O	004880-88-0	47

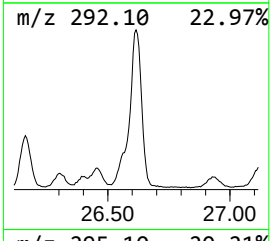


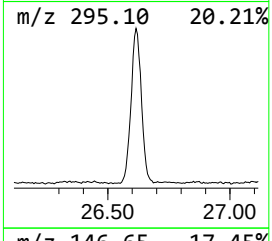


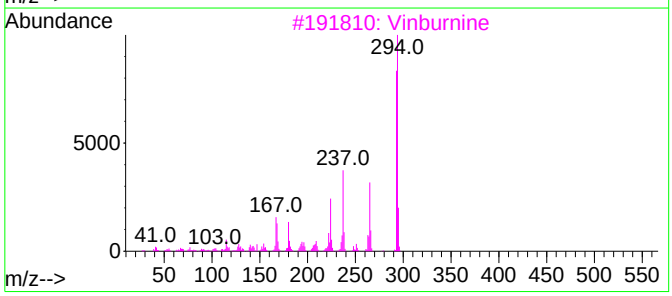


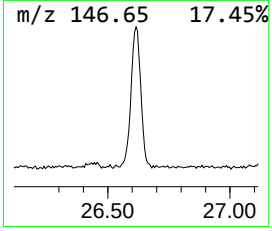












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013003.D
Acq On : 09 Dec 2022 02:13
Operator : CG/JU
Sample : N5832-09DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXK6DL

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	15.010	12.2	ng/ul	6677210	3	14.616	10913500	20.0
(DEL) Alkane: S...	15.451	2.8	ng/ul	1498640	3	14.616	10913500	20.0
2,4,6-Cycloheptt...	15.957	5.1	ng/ul	2790230	3	14.616	10913500	20.0
9H-Fluoren-3-ol	16.104	6.7	ng/ul	4275140	4	17.375	12707700	20.0
(DEL) Alkane: S...	16.316	5.9	ng/ul	3746620	4	17.375	12707700	20.0
9H-Fluorene, 2-...	16.669	4.2	ng/ul	2683860	4	17.375	12707700	20.0
4,7-Dimethoxyth...	16.898	3.5	ng/ul	2233830	4	17.375	12707700	20.0
9H-Fluoren-9-one	17.022	5.6	ng/ul	3545830	4	17.375	12707700	20.0
(DEL) Alkane: S...	17.116	8.3	ng/ul	5292630	4	17.375	12707700	20.0
Dibenzothiophene	17.186	10.1	ng/ul	6444810	4	17.375	12707700	20.0
Acridine	17.569	7.6	ng/ul	4852600	4	17.375	12707700	20.0
Naphtho[1,2-b]t...	17.651	4.6	ng/ul	2939480	4	17.375	12707700	20.0
5H-Indeno[1,2-b...	17.775	30.8	ng/ul	19552200	4	17.375	12707700	20.0
(DEL) Alkane: S...	17.851	3.5	ng/ul	2197470	4	17.375	12707700	20.0
Naphthalene, 1-...	17.887	3.9	ng/ul	2494520	4	17.375	12707700	20.0
Phenanthrene, 2...	18.233	9.6	ng/ul	6118920	4	17.375	12707700	20.0
Phenanthrene, 1...	18.281	14.5	ng/ul	9226430	4	17.375	12707700	20.0
Anthracene, 2-m...	18.363	12.1	ng/ul	7683640	4	17.375	12707700	20.0
4H-Cyclopenta[d...	18.428	40.1	ng/ul	25473800	4	17.375	12707700	20.0
unknown-01	18.528	4.3	ng/ul	2730210	4	17.375	12707700	20.0
Naphthalene, 2-...	18.716	7.7	ng/ul	4858100	4	17.375	12707700	20.0
9,10-Anthracene...	18.757	7.6	ng/ul	4802480	4	17.375	12707700	20.0
Phenanthrene, 4...	18.951	4.1	ng/ul	2632020	4	17.375	12707700	20.0
Phenanthrene, 2...	19.122	9.6	ng/ul	6104870	4	17.375	12707700	20.0
Cyclopenta(def)...	19.263	21.2	ng/ul	13445600	4	17.375	12707700	20.0
11H-Benzo[b]flu...	20.210	8.4	ng/ul	24621700	5	21.463	58790100	20.0
Pyrene, 1-methyl-	20.363	4.2	ng/ul	12446800	5	21.463	58790100	20.0
Benzo[b]naphtho...	21.104	4.2	ng/ul	12301400	5	21.463	58790100	20.0
Cyclopenta[cd]p...	21.180	4.3	ng/ul	12578600	5	21.463	58790100	20.0
Benz(a)anthrace...	22.904	7.8	ng/ul	4435500	6	23.951	11379900	20.0
Benzo[e]pyrene	23.380	6.1	ng/ul	3464000	6	23.951	11379900	20.0
Perylene	23.733	27.0	ng/ul	15363400	6	23.951	11379900	20.0
unknown-02	24.010	11.1	ng/ul	6324500	6	23.951	11379900	20.0
2-Cyclopropyl-3...	26.615	13.1	ng/ul	7453780	6	23.951	11379900	20.0