LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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: BP013025.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.799	102	104	114	rBV	112321	176378	0.46%	0.069%
2	7.128	659	670	679	rBV	263437	441939	1.15%	0.173%
3	7.299	692	699	706	rBV	213489	341972	0.89%	0.134%
4	7.499	727	733	741	rBV	270657	432567	1.13%	0.169%
5	7.975	805	814	822	rBV	2744321	4337261	11.32%	1.698%
6	8.516	900	906	915	rBV	160900	297998	0.78%	0.117%
7	8.681	927	934	941	rBV	313828	519263	1.36%	0.203%
8	9.140	1006	1012	1021	rBV	231653	383120	1.00%	0.150%
9	9.863	1127	1135	1142	rBV	187945	317895	0.83%	0.124%
10	10.404	1221	1227	1235	rVB	334225	564425	1.47%	0.221%
11	10.787	1281	1292	1298	rBV	3964765	6792076	17.73%	2.658%
12	10.840	1298	1301	1310	rVV	547181	815600	2.13%	0.319%
13	10.928	1310	1316	1330	rVB2	211576	441754	1.15%	0.173%
14	12.440	1567	1573	1582	rVB	492033	759337	1.98%	0.297%
15	12.675	1606	1613	1620	rVB2	280787	548456	1.43%	0.215%
16	12.975	1659	1664	1670	rVV3	71194	204939	0.54%	0.080%
17	13.192	1697	1701	1705	rVB2	102610	148707	0.39%	0.058%
18	13.445	1737	1744	1749	rVV2	201138	507139	1.32%	0.198%
19	13.504	1750	1754	1765	rVV6	81063	251667	0.66%	0.098%
20	13.781	1796	1801	1811	rVB3	90739	258415	0.67%	0.101%
21	13.928	1819	1826	1832	rBV4	86517	240329	0.63%	0.094%
22	14.016	1834	1841	1846	rVV	682429	976521	2.55%	0.382%
23	14.087	1846	1853	1857	rVB3	112810	208716	0.54%	0.082%
24	14.140	1857	1862	1865	rBV2	140106	239921	0.63%	0.094%
25	14.304	1885	1890	1893	rBV	730265	1138167	2.97%	0.445%
26	14.334	1893	1895	1908	rVB	462522	654400	1.71%	0.256%
27	14.498	1918	1923	1928	rBV	541842	684562	1.79%	0.268%
28	14.610	1936	1942	1949	rBV	6069286	9251695	24.15%	3.621%
29	14.675	1949	1953	1961	rVB	529477	813290	2.12%	0.318%
30	14.804	1971	1975	1985	rVB4	176992	374570	0.98%	0.147%
31	15.010	2004	2010	2015	rBV	968404	1392389	3.64%	0.545%
32	15.116	2025	2028	2035	rBV4	117463	169006	0.44%	0.066%
33	15.234	2044	2048	2053	rVB	118877	172056	0.45%	0.067%
34	15.292	2053	2058	2063	rBV2	86282	180143	0.47%	0.071%
35	15.451	2080	2085	2089	rBV	746393	907218	2.37%	0.355%
36	15.604	2106	2111	2116	rBV	994731	1380821	3.61%	0.540%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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	15.663	2116	2121	2127	rVV	1939344	2841450	7.42%	1.112%
38	15.722	2127	2131	2139	rVV4	198907	368932	0.96%	0.144%
39	15.857	2149	2154	2159	rVB2	291765	475559	1.24%	0.186%
40	15.910	2159	2163	2167	rVB3	125586	182597	0.48%	0.071%
41	15.951	2167	2170	2176	rVB3	180398	264169	0.69%	0.103%
42	16.010	2176	2180	2185	rBV3	112996	199681	0.52%	0.078%
43	16.075	2188	2191	2194	rBV	182286	244091	0.64%	0.096%
44	16.316	2227	2232	2234	rBV	1383293	1831632	4.78%	0.717%
45	16.339	2234	2236	2249	rVB	1262677	1649360	4.31%	0.646%
46	16.663	2287	2291	2294	rBV2	209167	319618	0.83%	0.125%
47	16.828	2315	2319	2325	rBV3	165649	268792	0.70%	0.105%
48	17.016	2347	2351	2357	rVB2	559428	785663	2.05%	0.307%
49	17.116	2363	2368	2372	rBV	1298117	1608692	4.20%	0.630%
50	17.169	2372	2377	2388	rVB2	742044	1636544	4.27%	0.641%
51	17.369	2405	2411	2415	rBV	7609867	11081528	28.93%	4.337%
52	17.410	2415	2418	2424	rVV	4959139	6920959	18.07%	2.709%
53	17.510	2424	2435	2440	rVV	23388141	38301766	100.00%	14.991%
54	17.563	2440	2444	2452	rVV	601983	1164614	3.04%	0.456%
55	17.651	2455	2459	2467	rVB3	430988	773835	2.02%	0.303%
56	17.775	2474	2480	2489	rVB	5248031	7322603	19.12%	2.866%
57	17.851	2489	2493	2497	rBV	1278977	1474926	3.85%	0.577%
58	18.192	2548	2551	2554	rBV	327721	414256	1.08%	0.162%
59	18.233	2556	2558	2562	rVB2	297873	283759	0.74%	0.111%
60	18.280	2562	2566	2572	rVB4	449504	703405	1.84%	0.275%
61	18.357	2574	2579	2585	rBV	863001	1257355	3.28%	0.492%
62	18.422	2585	2590	2595	rBV	2587904	3697644	9.65%	1.447%
63	18.522	2603	2607	2611	rVB	1283665	1453008	3.79%	0.569%
64	18.563	2611	2614	2618	rVB3	242896	273944	0.72%	0.107%
65	18.757	2643	2647	2652	rBV3	631433	939018	2.45%	0.368%
66	19.127	2707	2710	2714	rVB2	1040079	1238530	3.23%	0.485%
67	19.180	2716	2719	2727	rVB2	416573	634622	1.66%	0.248%
68	19.257	2727	2732	2740	rBV2	1165186	2360801	6.16%	0.924%
69	19.375	2747	2752	2757	rVB	6453403	8323848	21.73%	3.258%
70	19.463	2764	2767	2772	rBV	858648	1096081	2.86%	0.429%
71	19.586	2784	2788	2801	rVB2	1649190	2740488	7.15%	1.073%
72	19.692	2802	2806	2809	rVV2	2433014	3864666	10.09%	1.513%
73	19.727	2809	2812	2819	rVB	5118382	6745554	17.61%	2.640%
74	19.963	2847	2852	2858	rVB	4566194	6047526	15.79%	2.367%
75	20.039	2862	2865	2871	rVB3	603047	1195419	3.12%	0.468%
76	20.186	2885	2890	2897	rVB3	2155489	5450274	14.23%	2.133%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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	20.251	2897	2901	2905	rBV	1142060	1397483	3.65%	0.547%
78	20.304	2906	2910	2913	rBV2	872987	1107516	2.89%	0.433%
79	20.498	2940	2943	2947	rBV2	800549	1107412	2.89%	0.433%
80	20.610	2960	2962	2966	rVB	382248	391698	1.02%	0.153%
81	20.692	2973	2976	2981	rVB2	691694	847940	2.21%	0.332%
82	20.892	3007	3010	3014	rBV3	521708	836379	2.18%	0.327%
83	20.939	3015	3018	3023	rVB3	792238	1371509	3.58%	0.537%
84	21.104	3043	3046	3049	rBV2	669116	941306	2.46%	0.368%
85	21.139	3049	3052	3055	rVV4	995438	1412924	3.69%	0.553%
86	21.180	3055	3059	3063	rVV	1850685	2589138	6.76%	1.013%
87	21.239	3066	3069	3077	rVB2	875072	1249960	3.26%	0.489%
88	21.457	3094	3106	3110	rBV2	7021465	16433872	42.91%	6.432%
89	21.492	3110	3112	3118	rVB	2902972	3525230	9.20%	1.380%
90	21.586	3125	3128	3131	rBV	560253	688342	1.80%	0.269%
91	21.621	3131	3134	3140	rVB	1322692	1982887	5.18%	0.776%
92	21.786	3158	3162	3168	rVB2	1110774	1685847	4.40%	0.660%
93	22.268	3241	3244	3247	rBV2	489622	537180	1.40%	0.210%
94	23.186	3393	3400	3406	rBV	7630845	18033226	47.08%	7.058%
95	23.374	3428	3432	3438	rVB	1284467	2189587	5.72%	0.857%
96	23.727	3486	3492	3499	rBV	3611699	7295732	19.05%	2.855%
97	23.833	3504	3510	3518	rVB	3882177	8138892	21.25%	3.185%
98	23.945	3523	3529	3535	rBV	3283306	6563802	17.14%	2.569%
99	26.545	3965	3971	3977	rBV2	1339044	3885767	10.15%	1.521%
100	26.615	3980	3983	3999	rVB	2323417	5531355	14.44%	2.165%

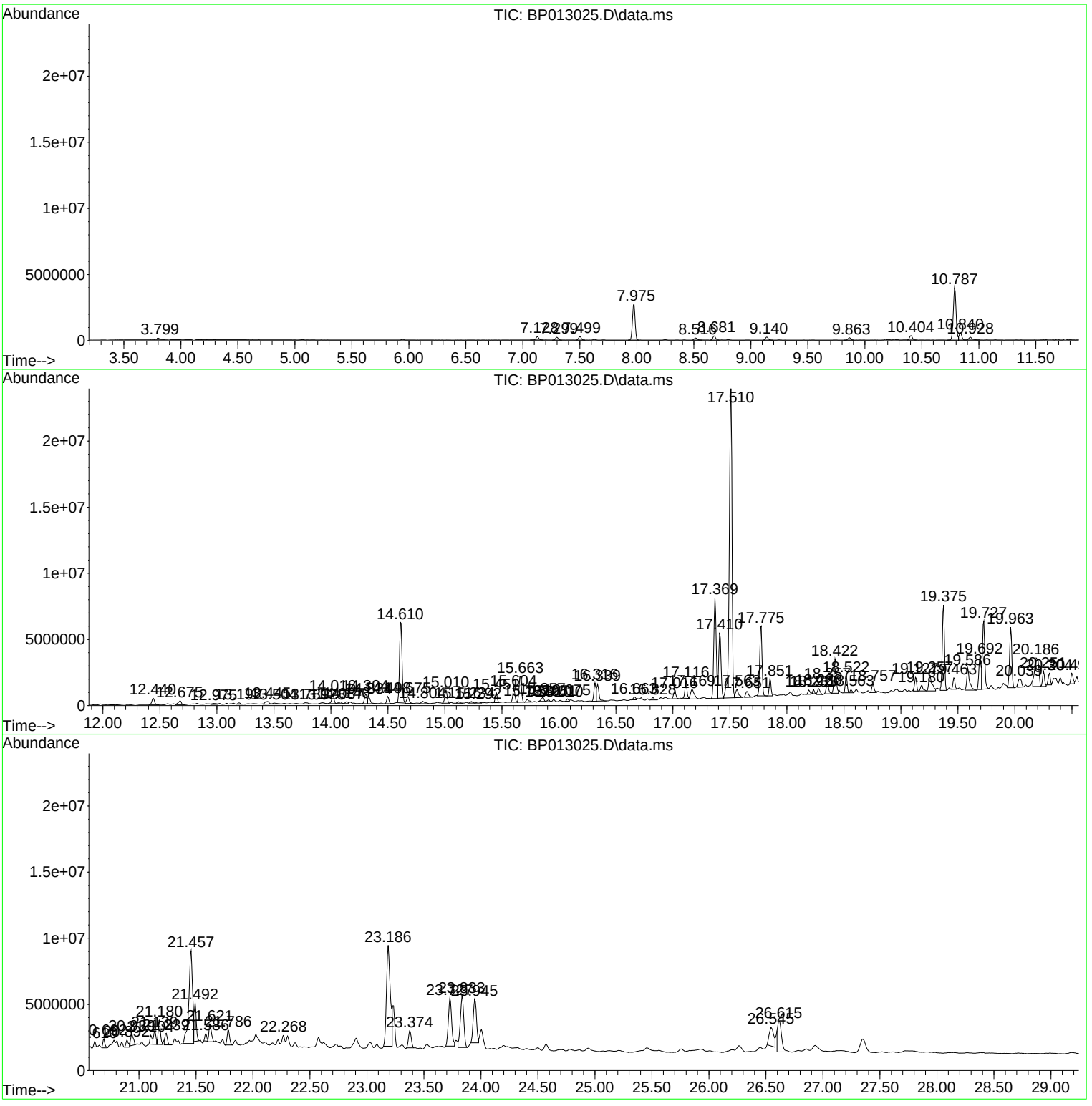
Sum of corrected areas: 255506905

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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 : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

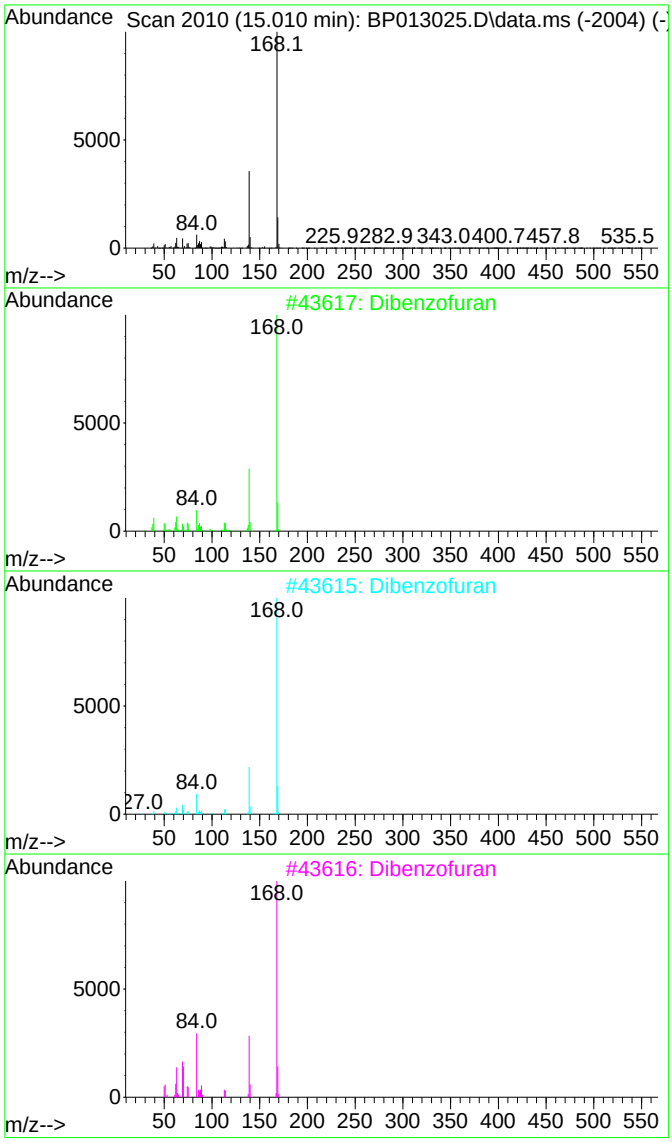
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

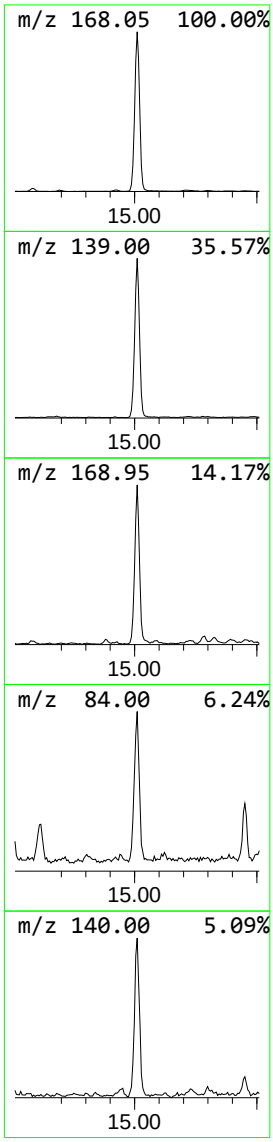
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dibenzofuran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	3.01 ng/ul	1392390	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	90
3	Dibenzofuran	168	C12H8O	000132-64-9	86
4	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	56
5	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

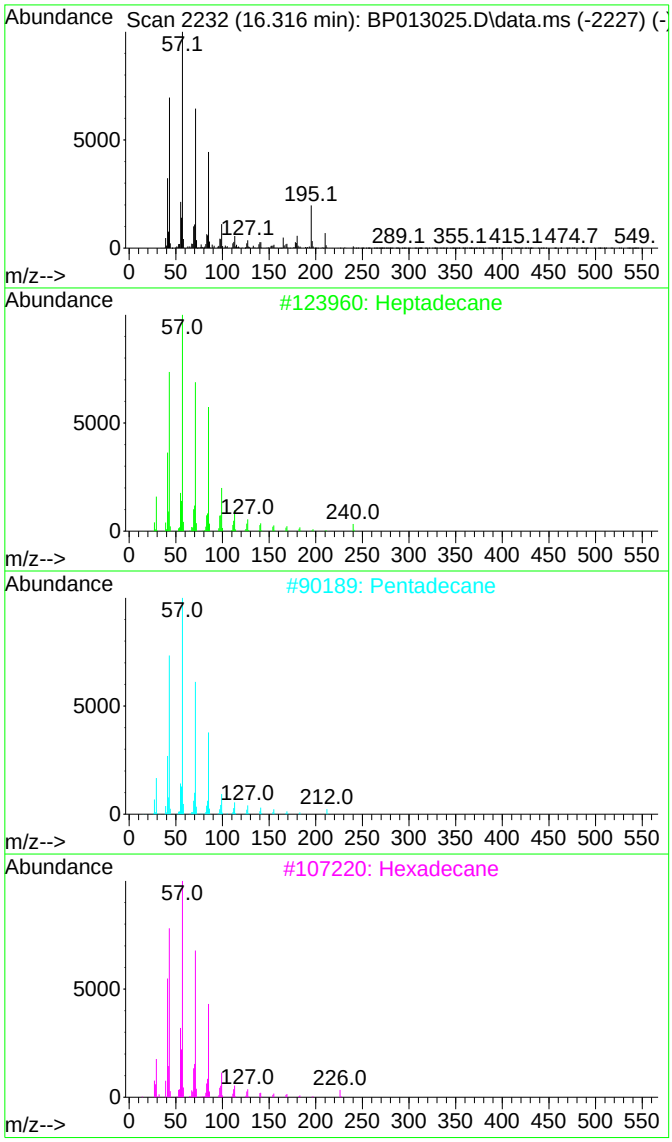
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

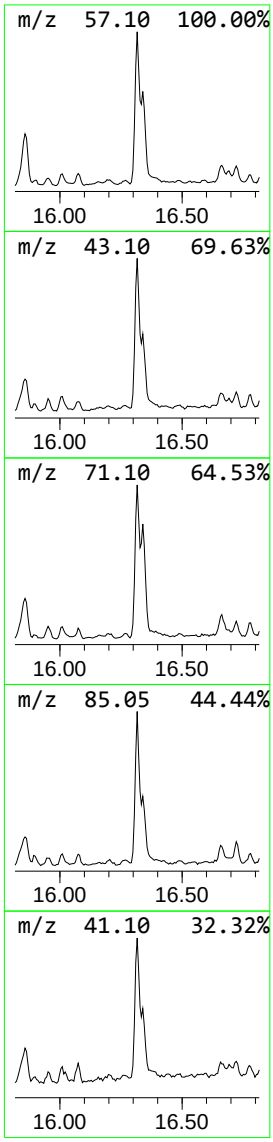
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	3.31 ng/ul	1831630	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentadecane	212	C15H32	000629-62-9	68
3	Hexadecane	226	C16H34	000544-76-3	68
4	Eicosane	282	C20H42	000112-95-8	64
5	Heneicosane	296	C21H44	000629-94-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

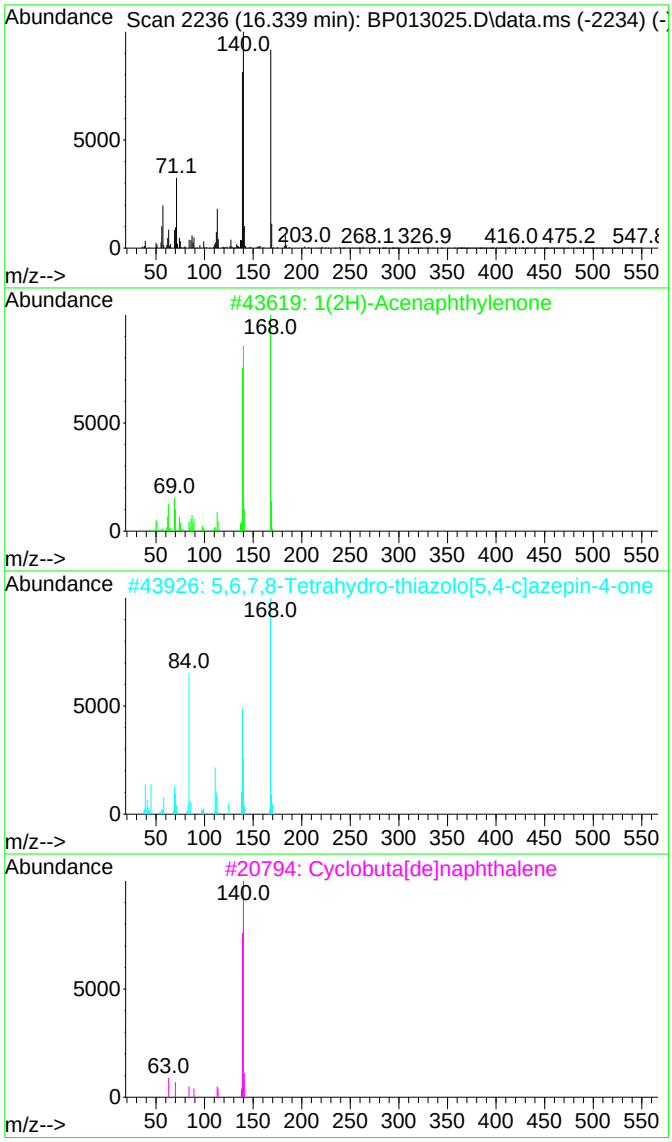
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

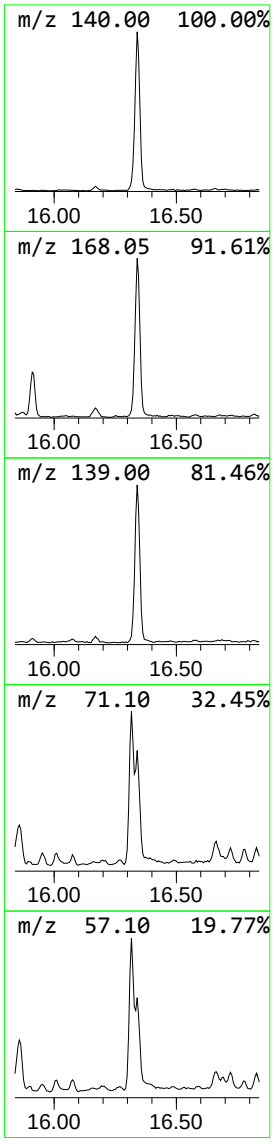
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	2.98 ng/ul	1649360	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	59
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	53
4	Dibenzofuran	168	C12H8O	000132-64-9	47
5	Ethyl maltol	140	C7H8O3	004940-11-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

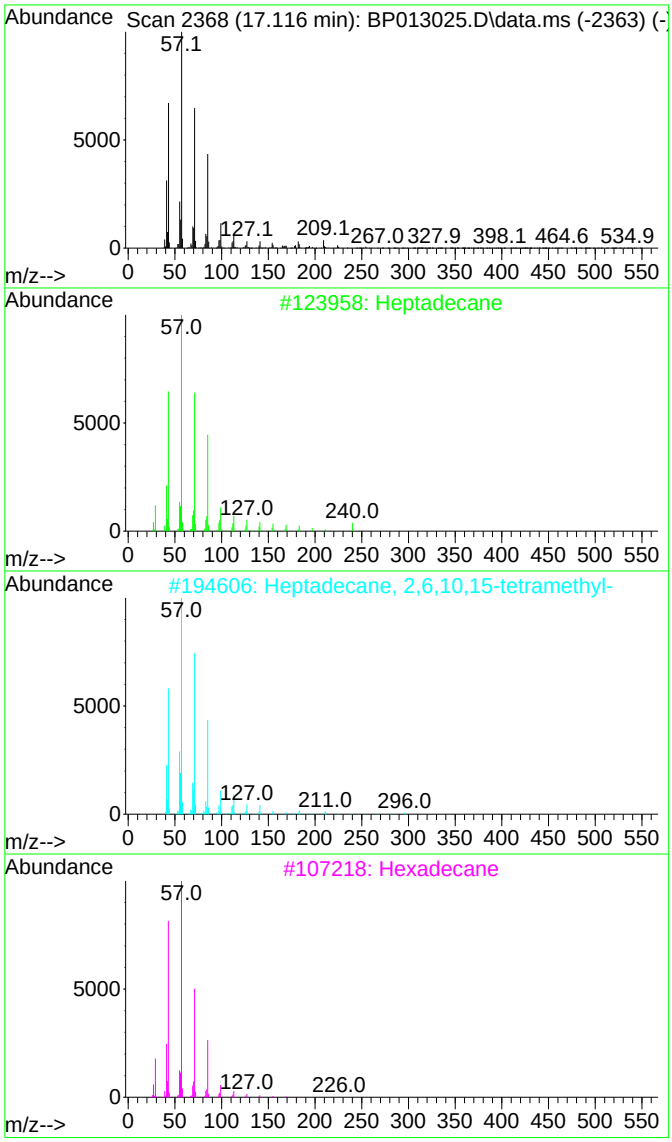
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

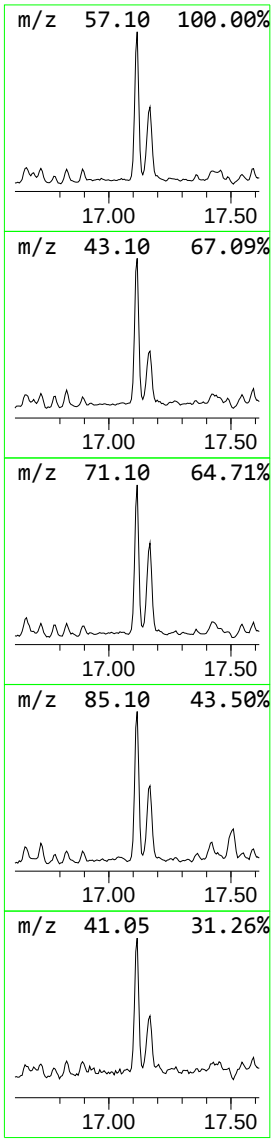
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	2.90 ng/ul	1608690	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

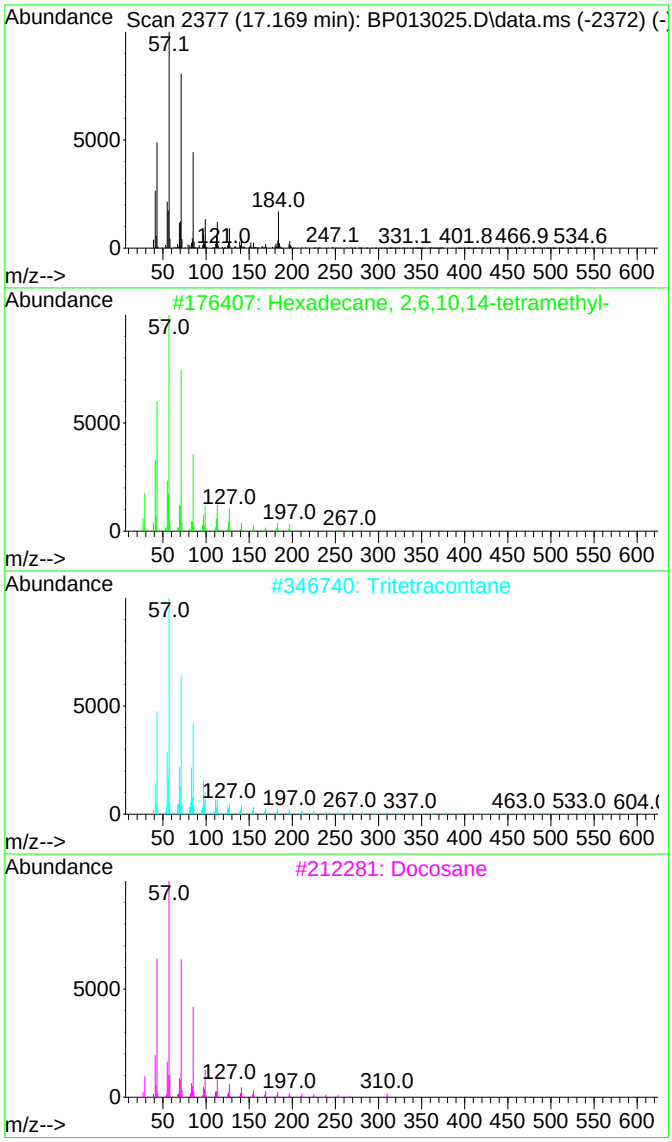
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

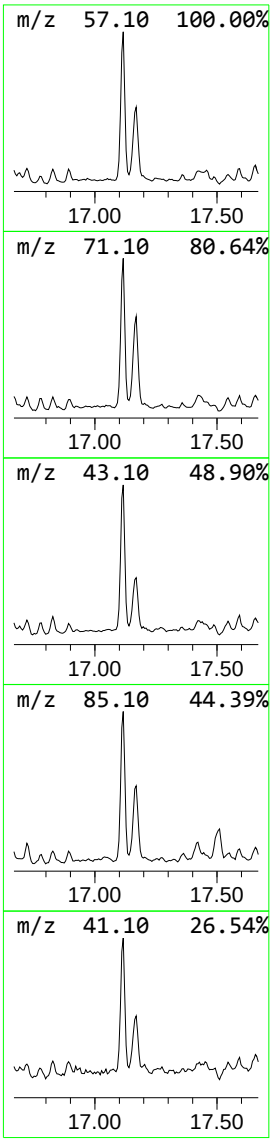
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	2.95 ng/ul	1636540	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Tritetracontane	605	C43H88	007098-21-7	86
3	Docosane	310	C22H46	000629-97-0	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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

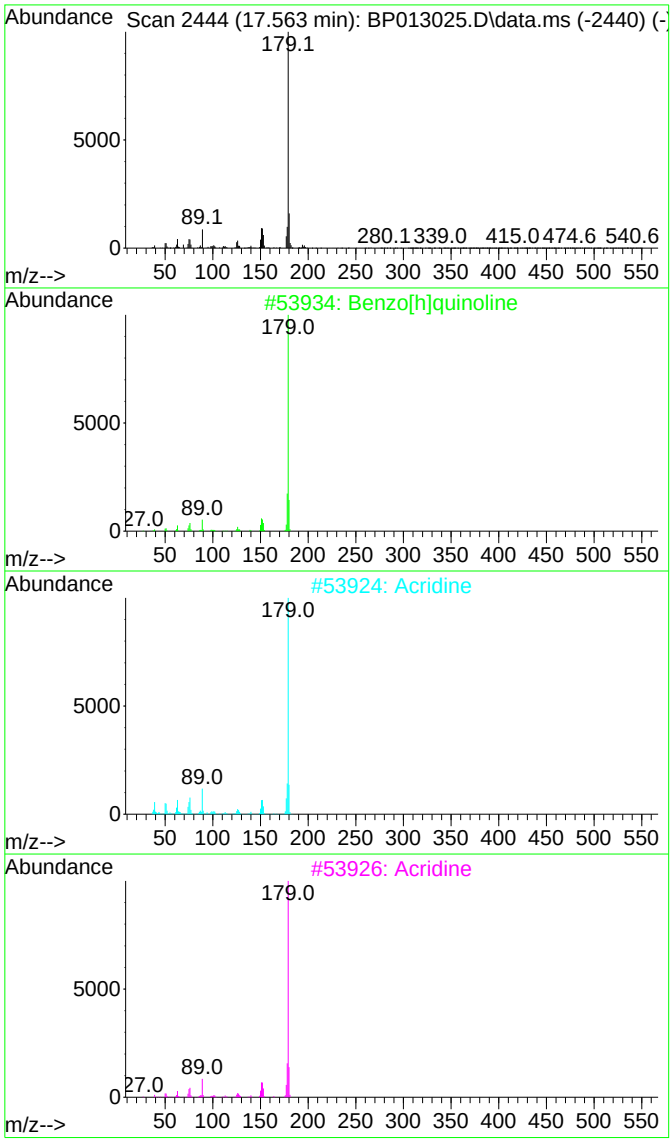
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

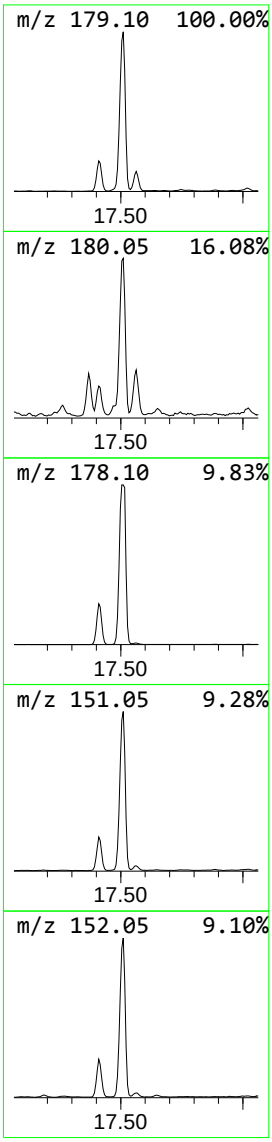
****

Peak Number 6 Benzo[h]quinoline Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	2.10 ng/ul	1164610	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
2	Acridine	179	C13H9N	000260-94-6	91
3	Acridine	179	C13H9N	000260-94-6	90
4	Acridine	179	C13H9N	000260-94-6	90
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

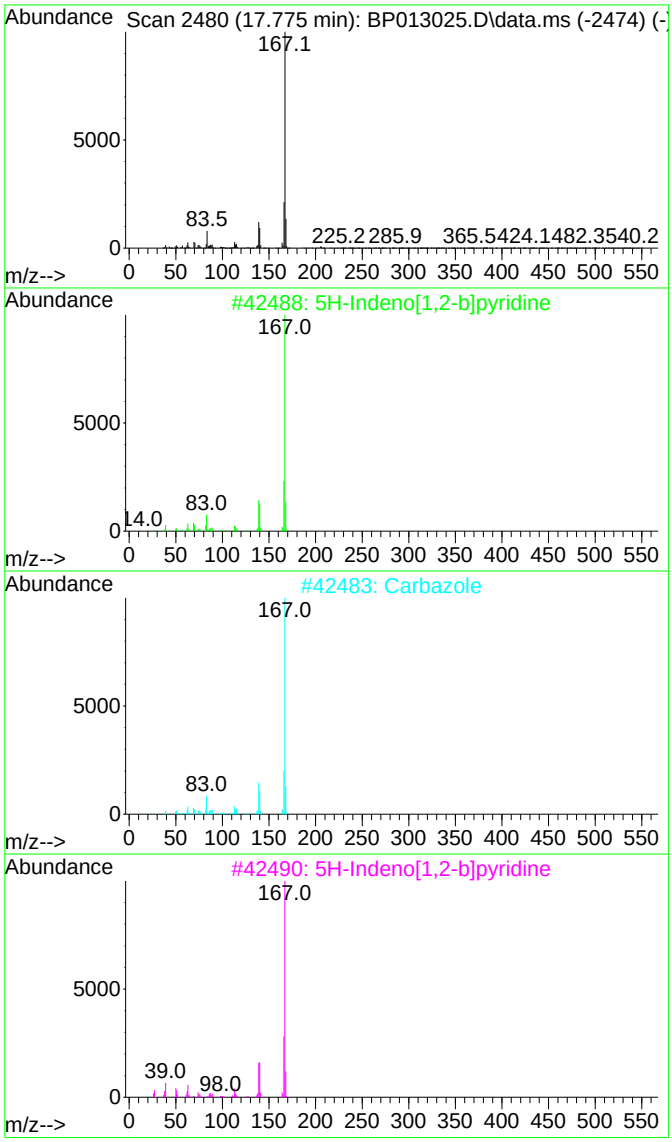
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

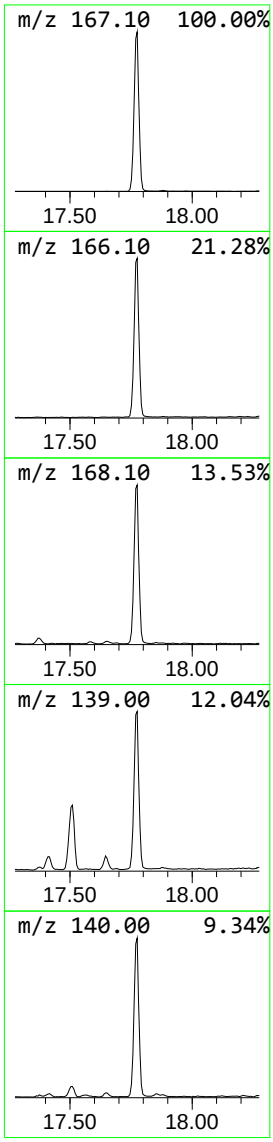
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	13.22 ng/ul	7322600	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	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	Carbazole	167	C12H9N	000086-74-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

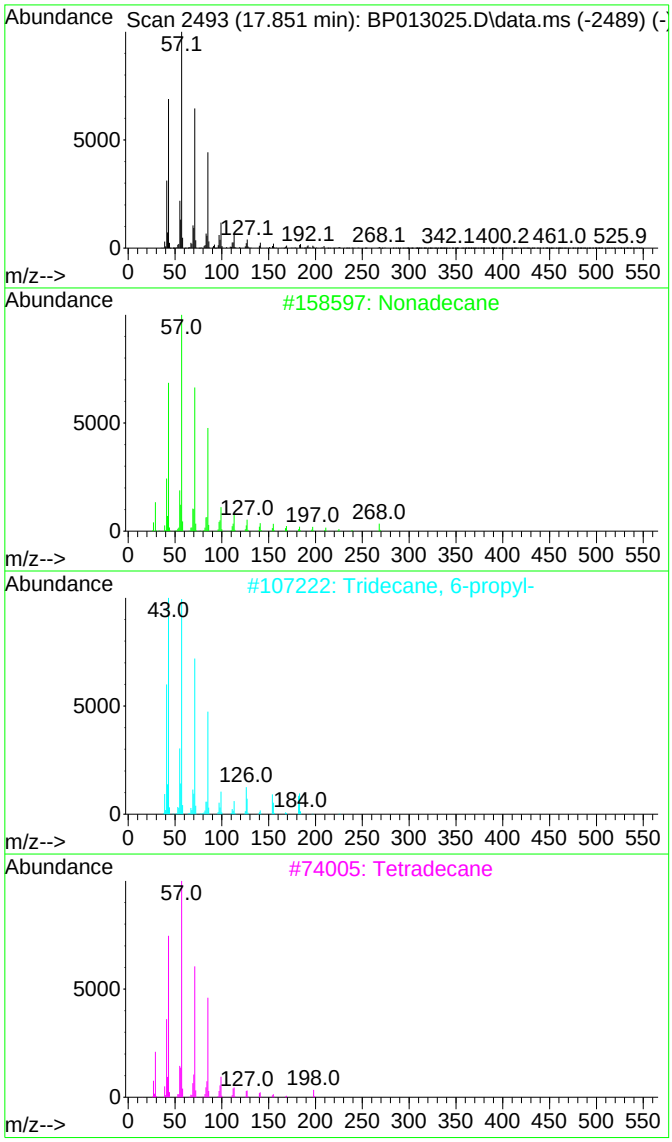
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

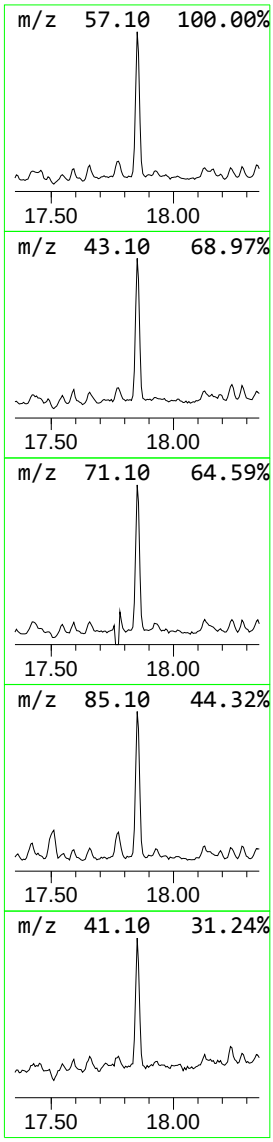
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	2.66 ng/ul	1474930	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Tetradecane	198	C14H30	000629-59-4	93
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
5	Nonadecane	268	C19H40	000629-92-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

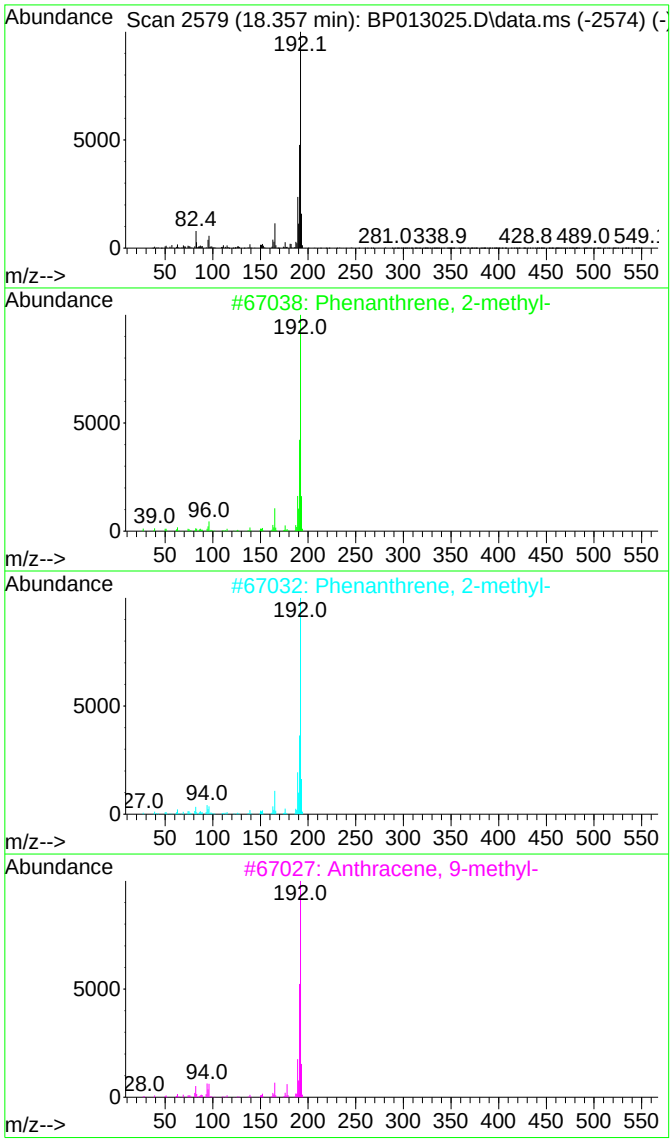
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

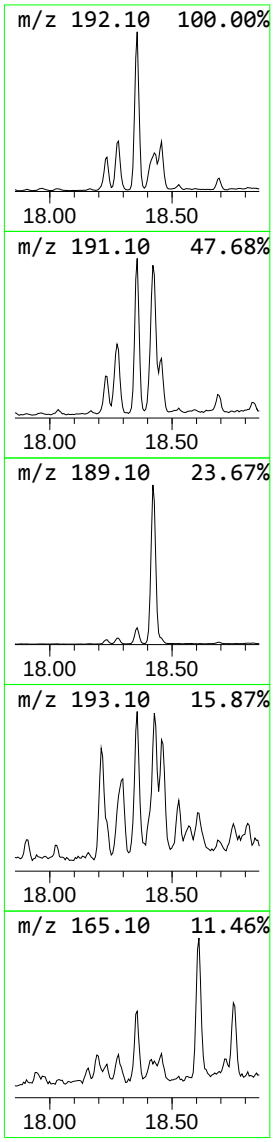
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.27 ng/ul	1257360	Phenanthrene-d10	17.369

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

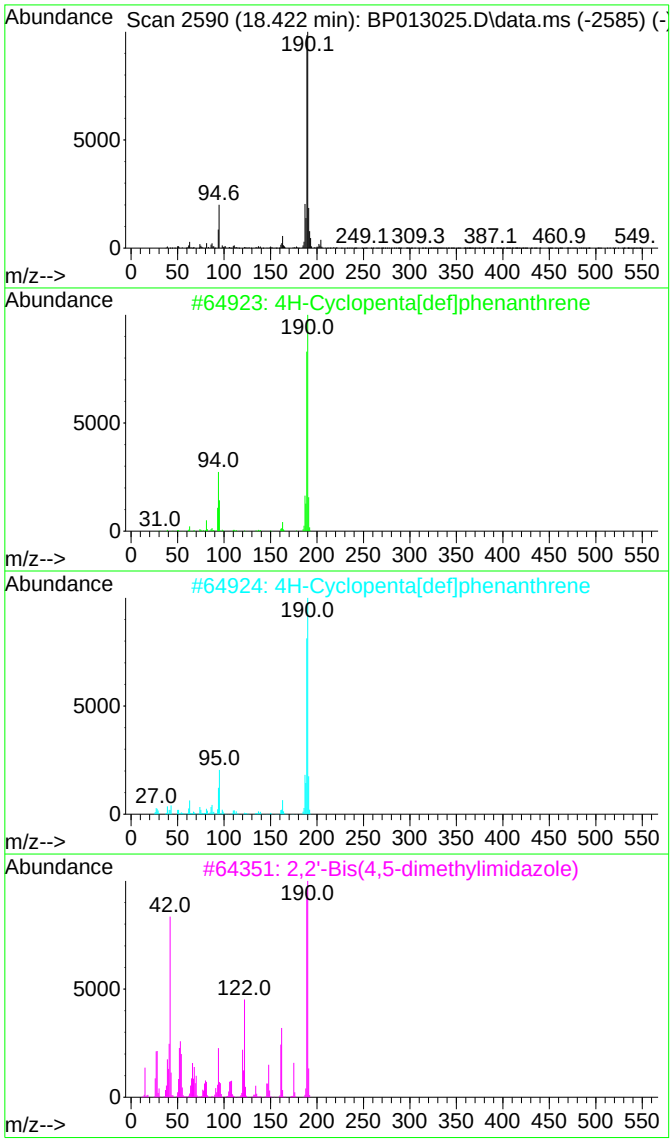
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

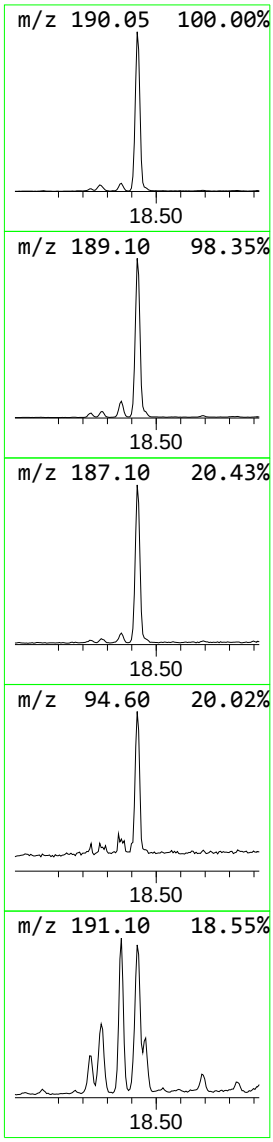
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	6.67 ng/ul	3697640	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	74
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

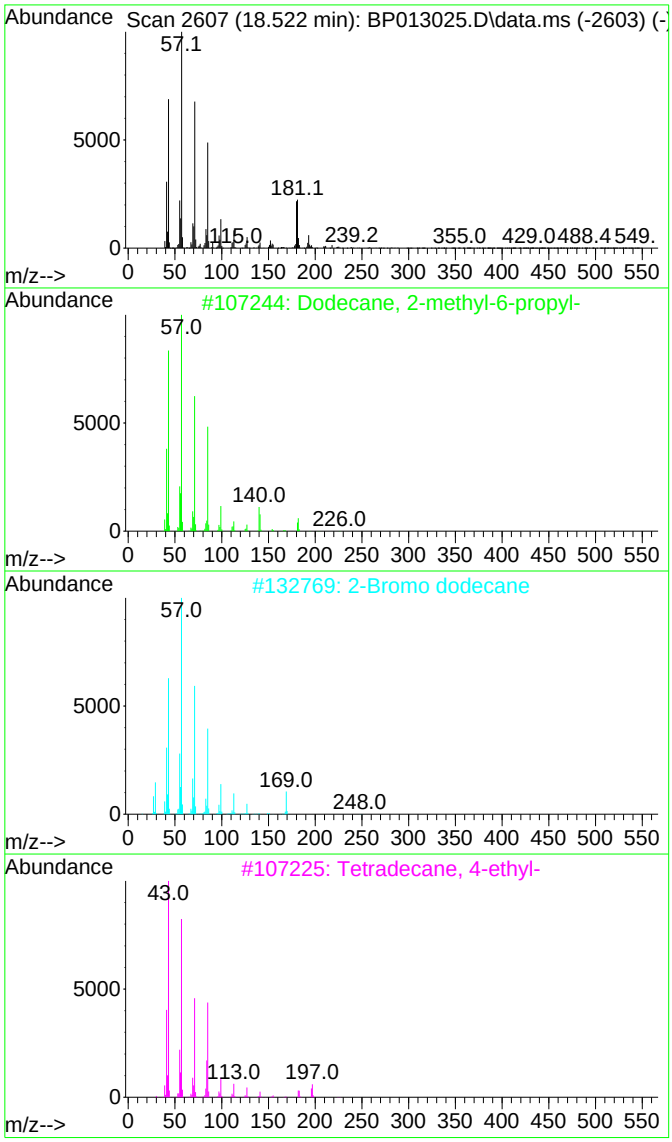
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

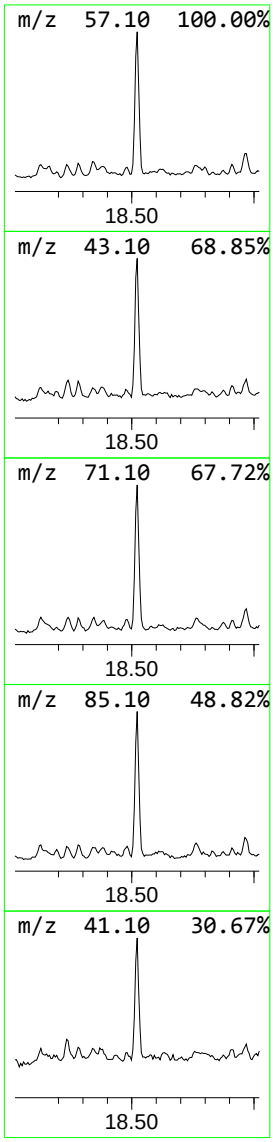
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	2.62 ng/ul	1453010	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	64
4	Octadecane	254	C18H38	000593-45-3	58
5	Heneicosane	296	C21H44	000629-94-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

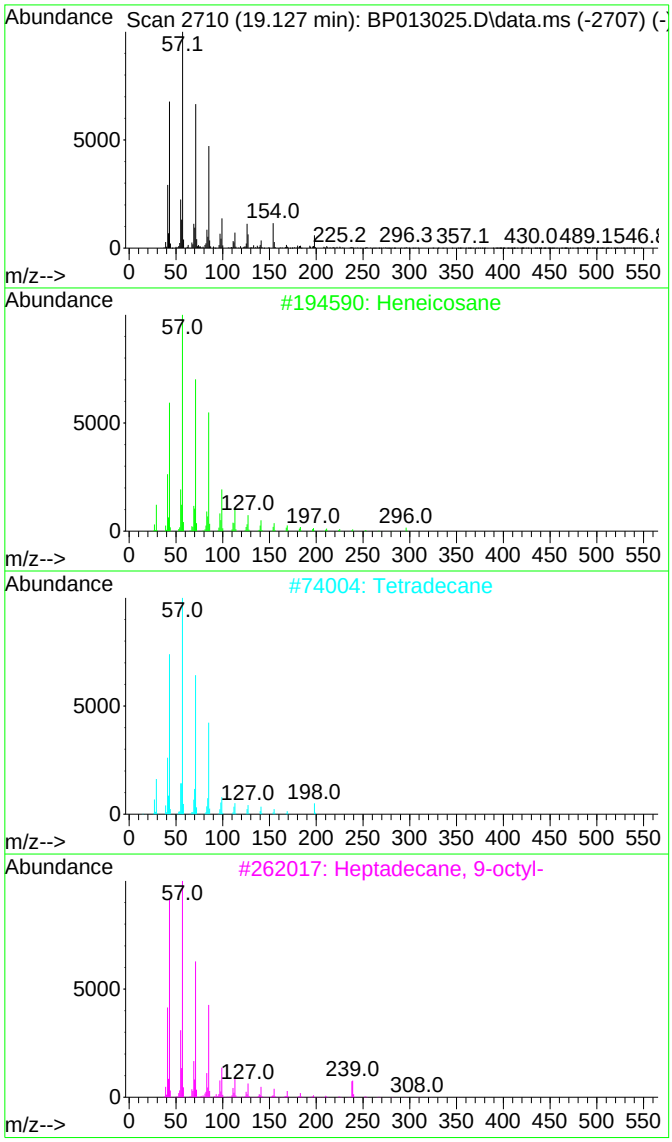
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

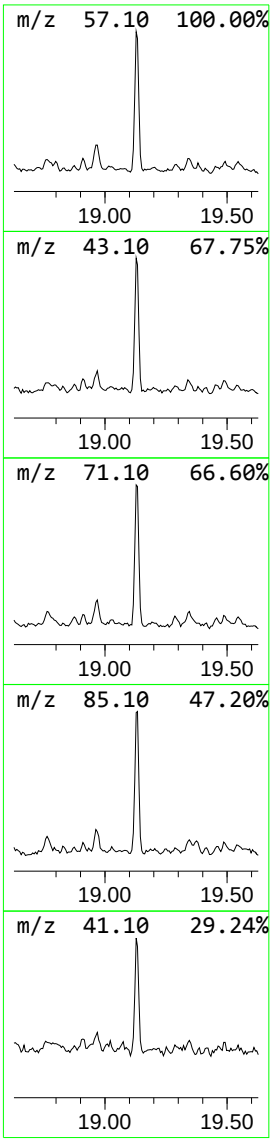
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.24 ng/ul	1238530	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tetradecane	198	C14H30	000629-59-4	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Hexacosane	366	C26H54	000630-01-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

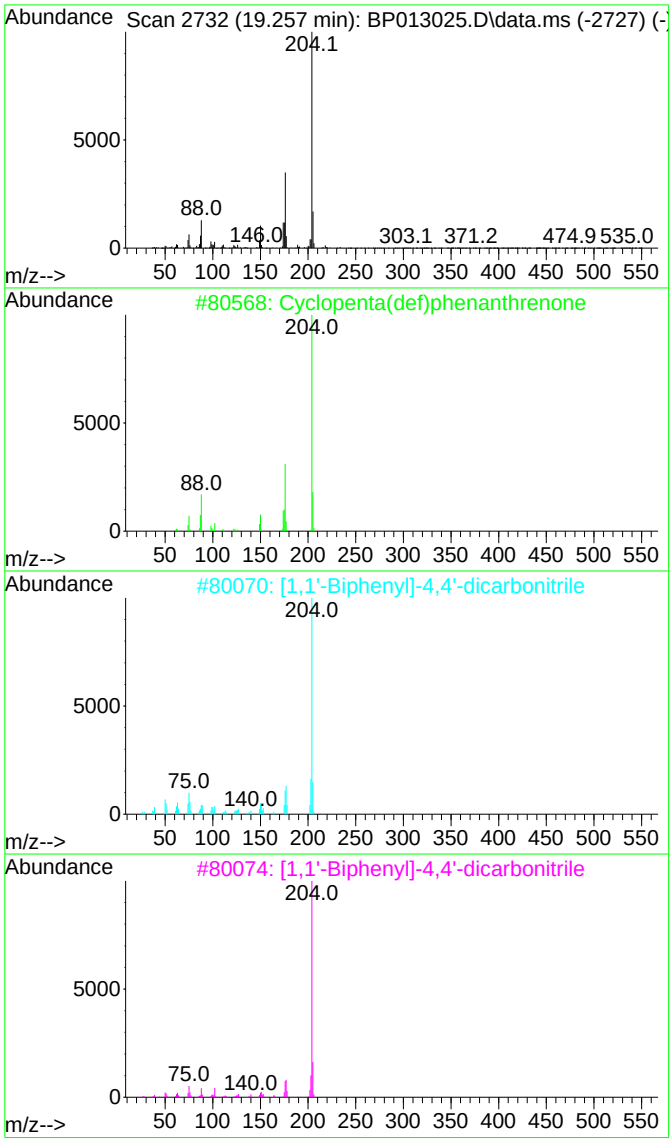
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

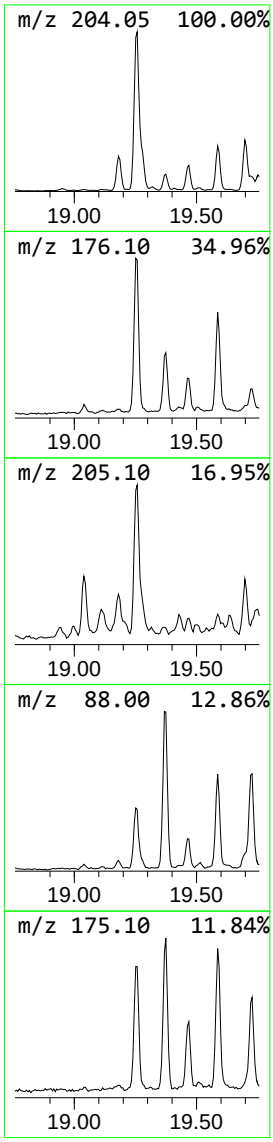
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	4.26 ng/ul	2360800	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	64
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

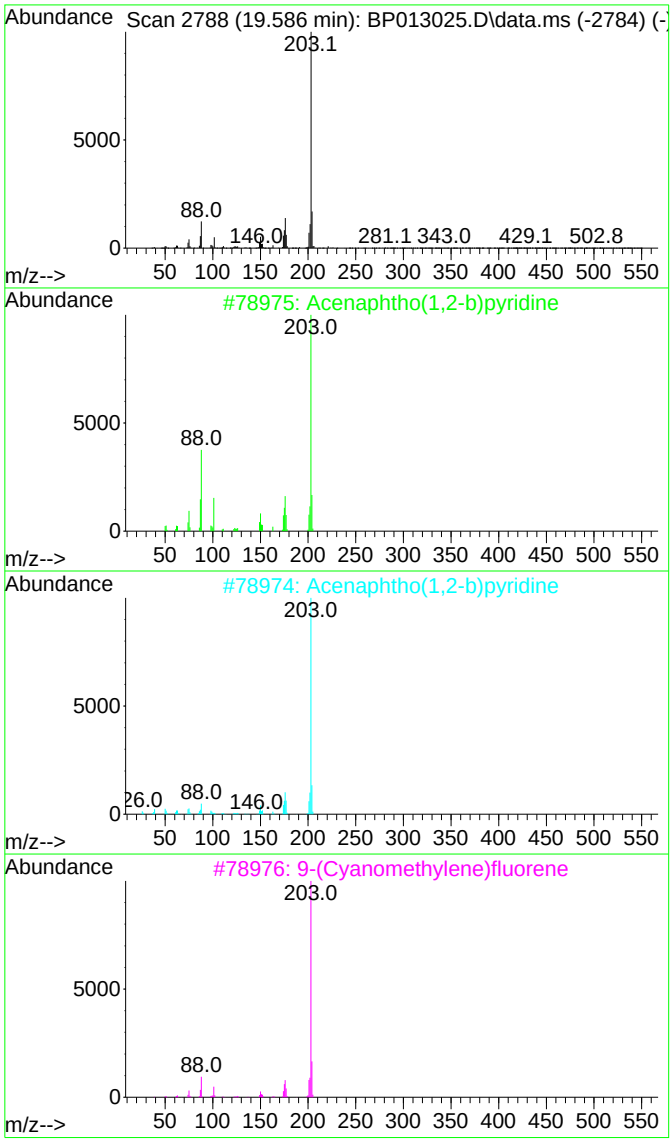
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

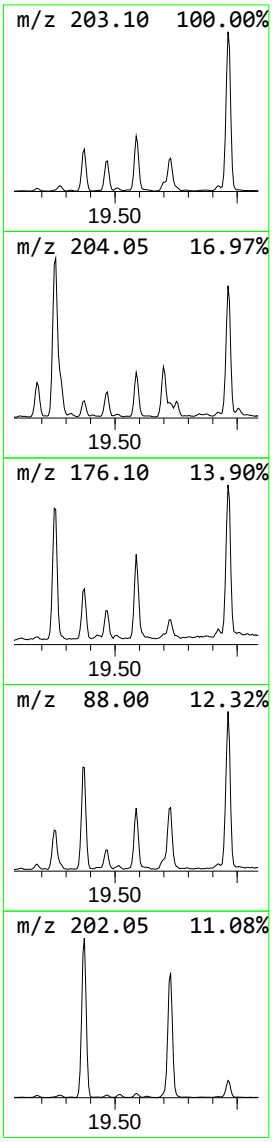
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Acenaphtho(1,2-b)pyridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.586	3.34 ng/ul	2740490	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	97
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
3	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	95
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

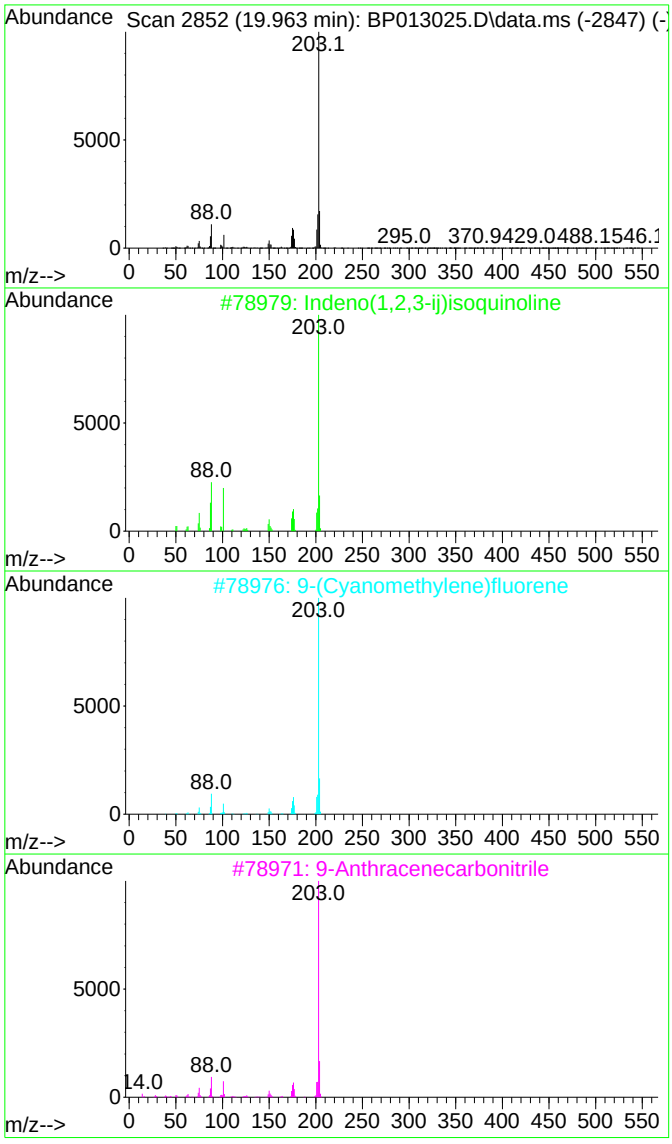
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

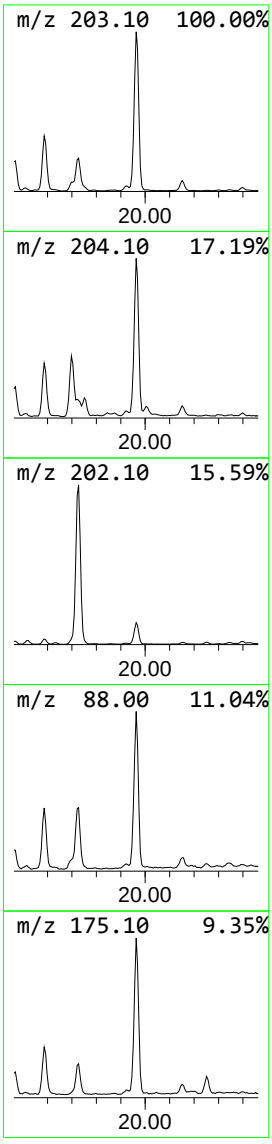
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Indeno(1,2,3-ij)isoquinoline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	7.36 ng/ul	6047530	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
3	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
5	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

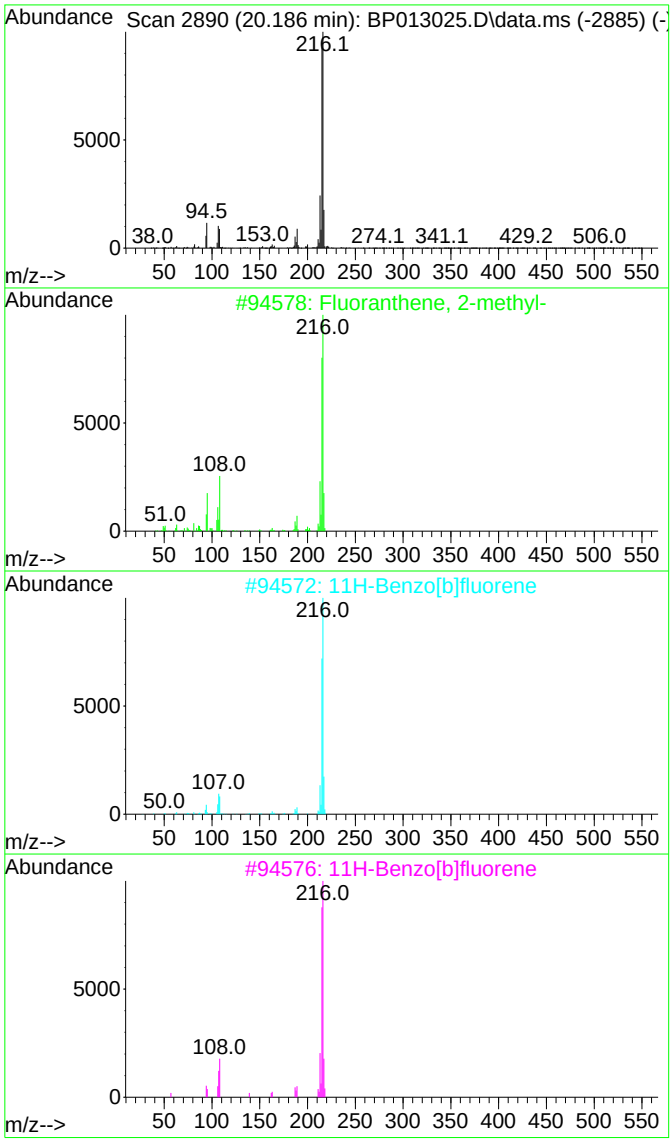
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

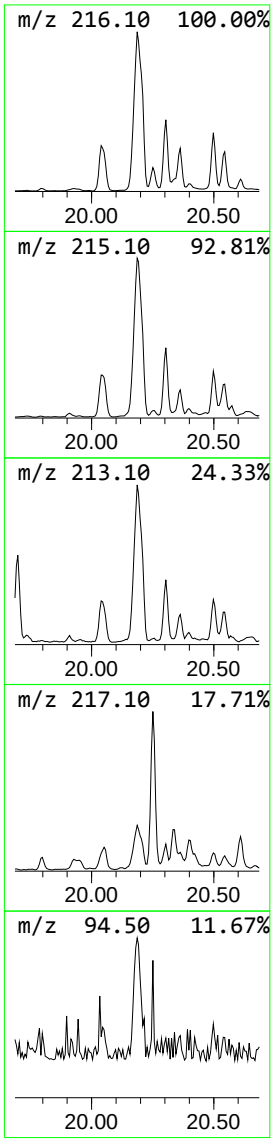
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	6.63 ng/ul	5450270	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

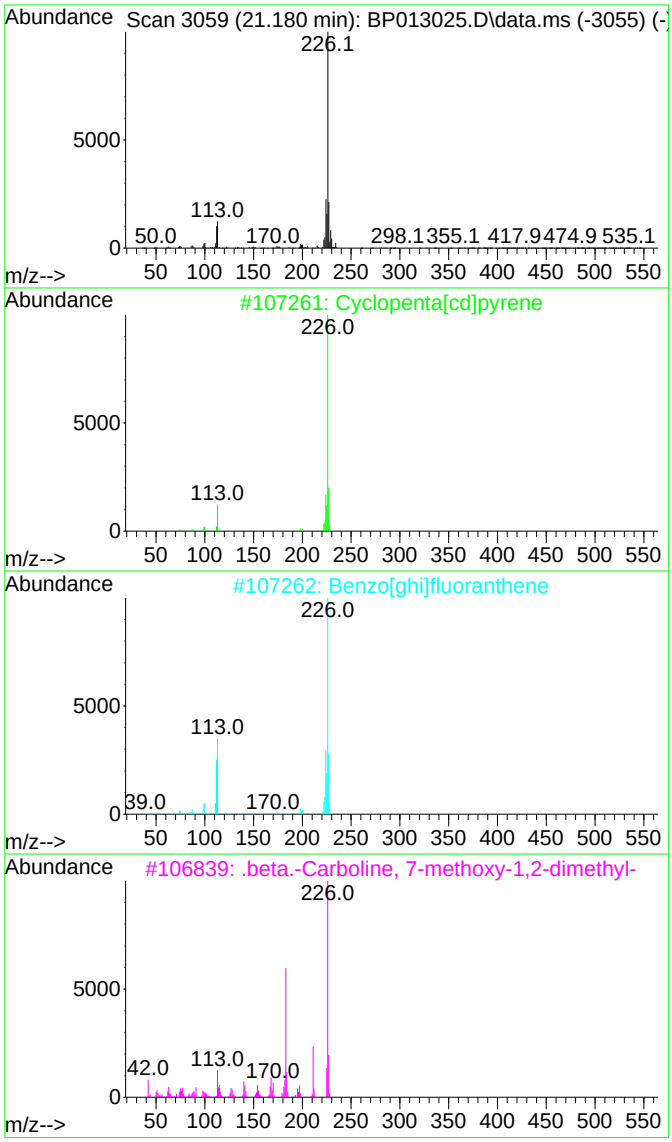
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

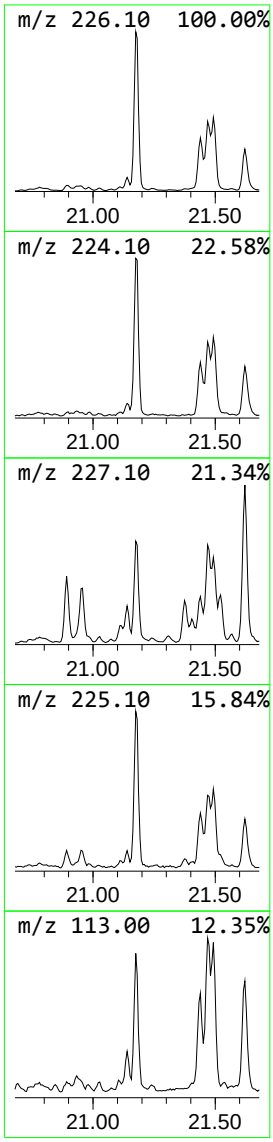
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	3.15 ng/ul	2589140	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	81
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	53
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

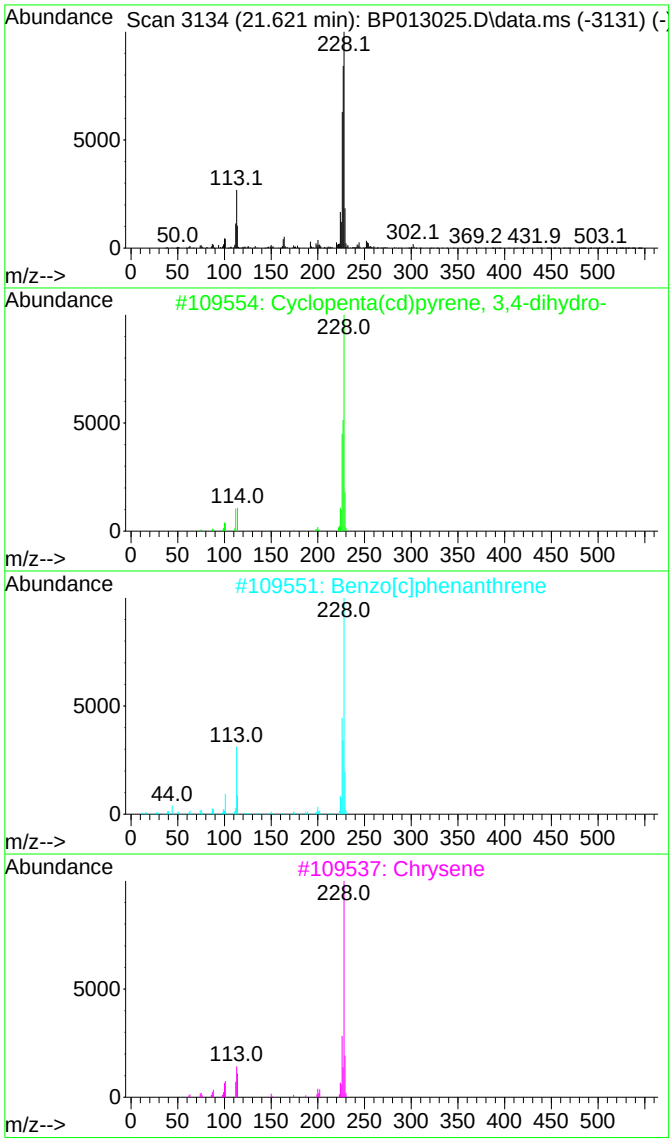
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

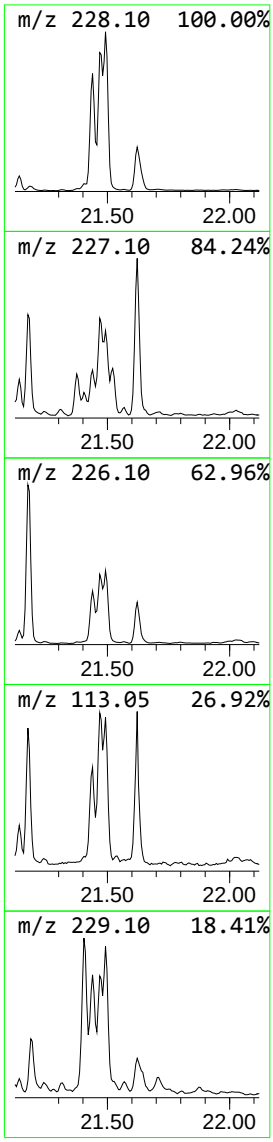
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.621	2.41 ng/ul	1982890	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	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
3	Chrysene	228	C18H12	000218-01-9	60
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

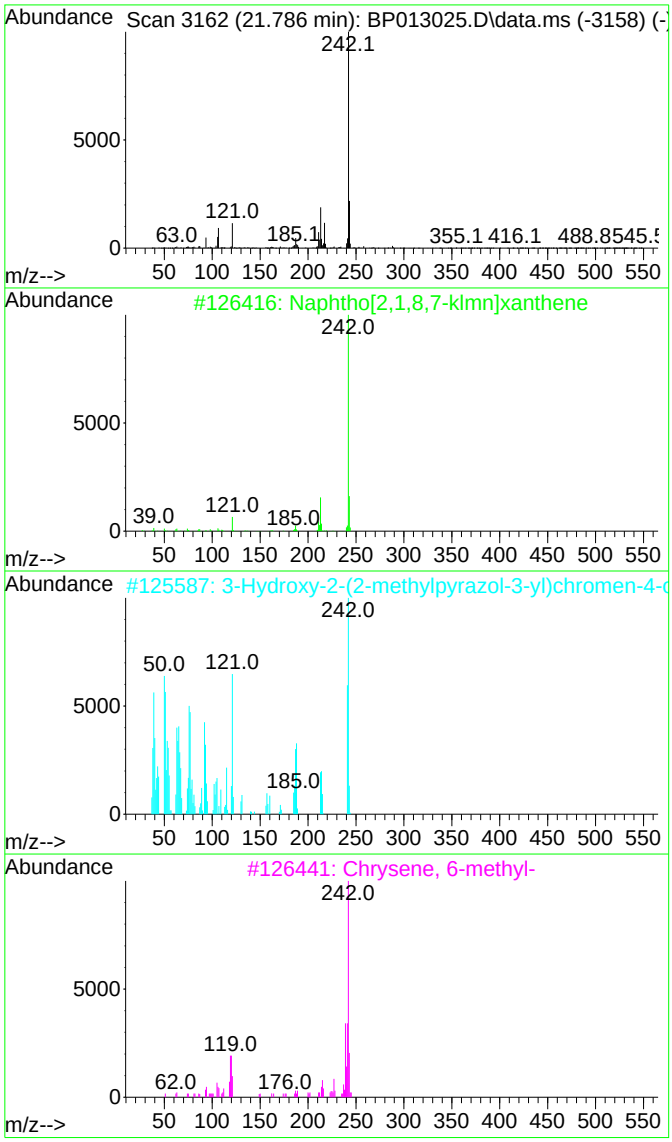
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

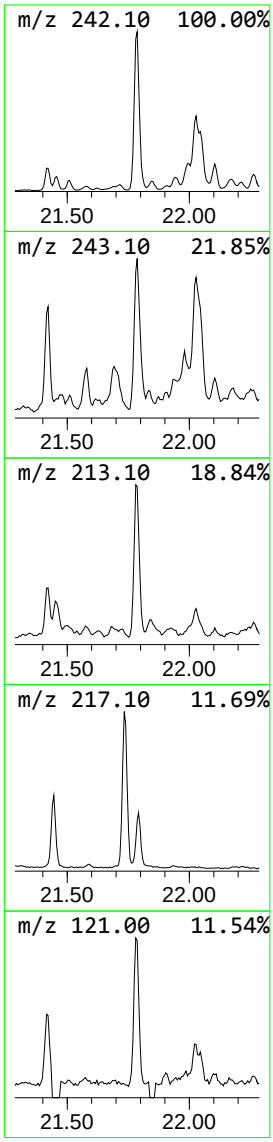
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	2.05 ng/ul	1685850	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	93
2	3-Hydroxy-2-(2-methylpyrazol-3-y...	242	C13H10N2O3	1000388-33-0	76
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	72
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	72
5	8,9-Dihydro-7H-cyclopenta[a]pyrene	242	C19H14	082979-72-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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

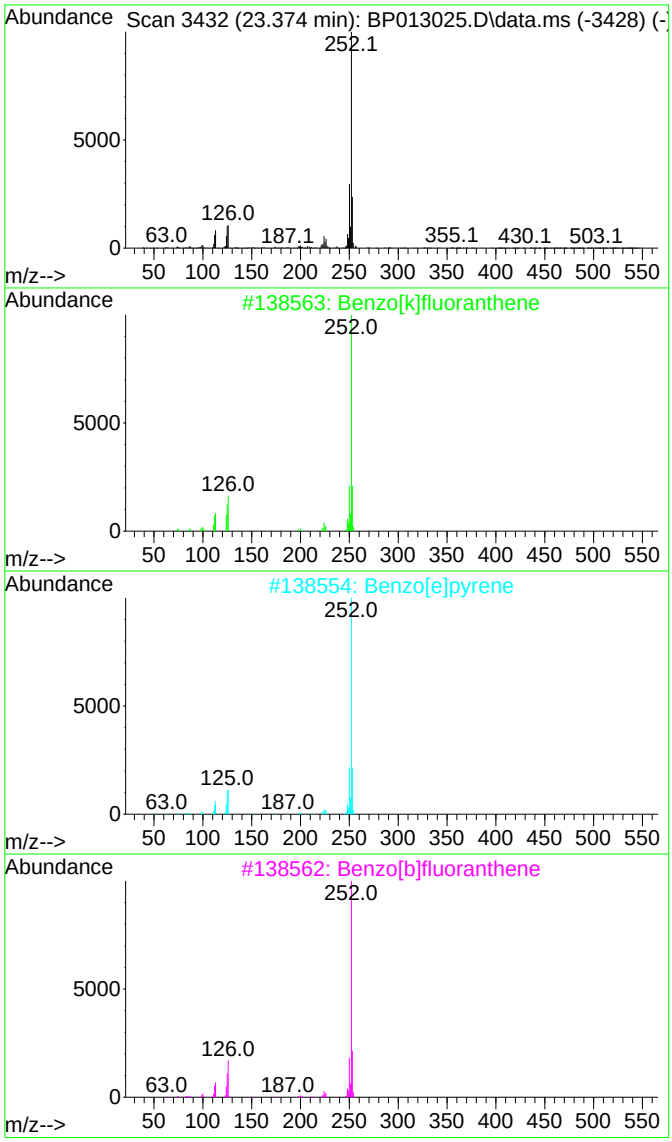
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

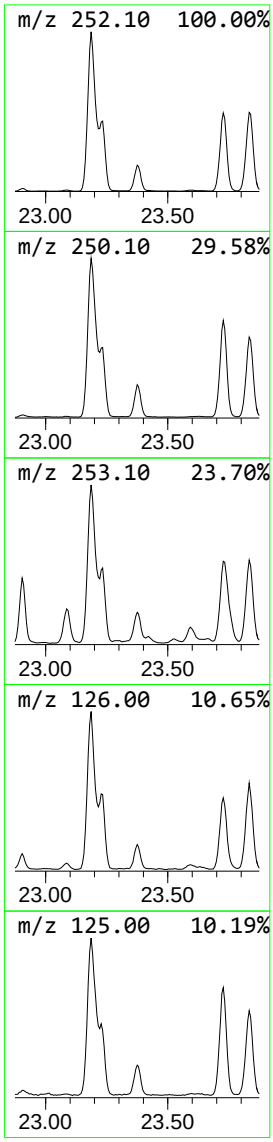
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.374	6.67 ng/ul	2189590	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

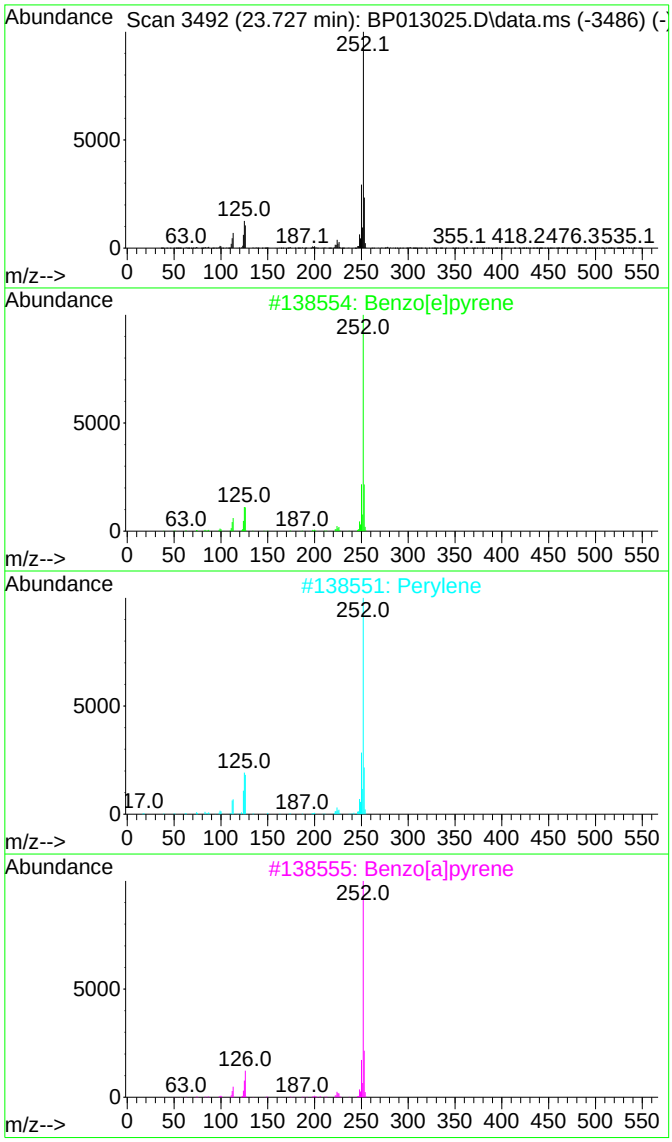
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

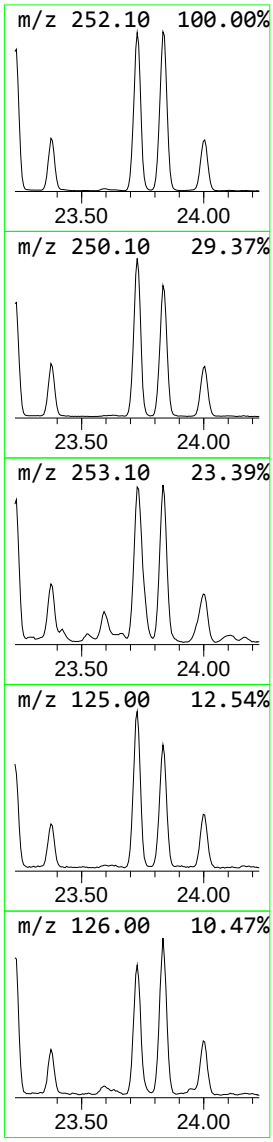
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.727	22.23 ng/ul	7295730	Perylene-d12	23.945

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

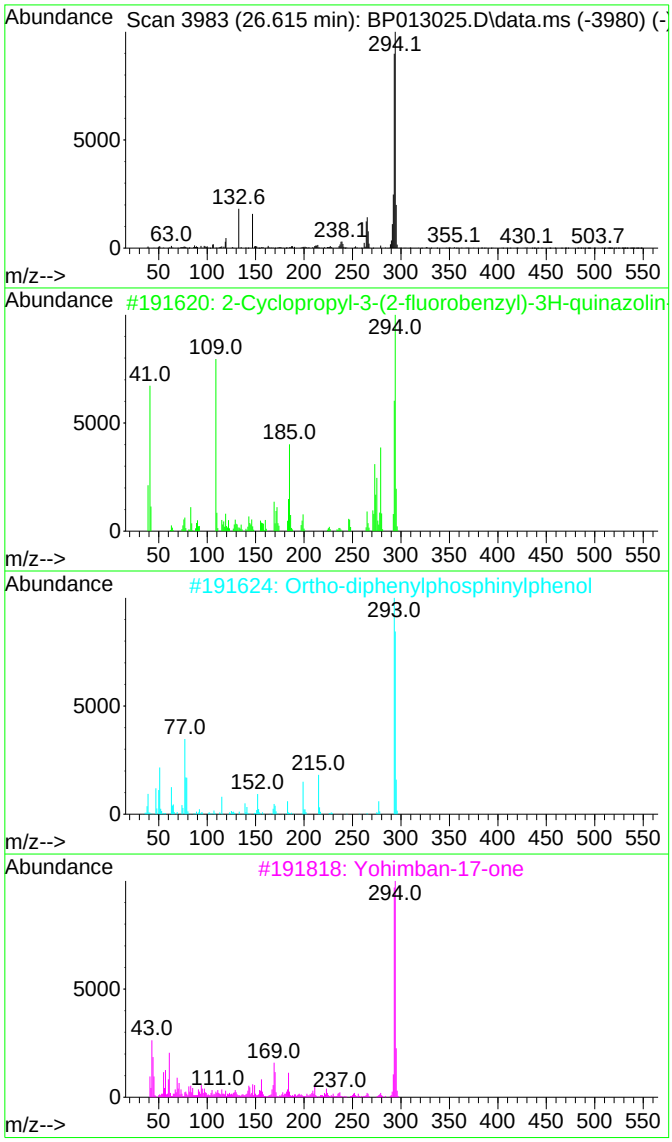
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

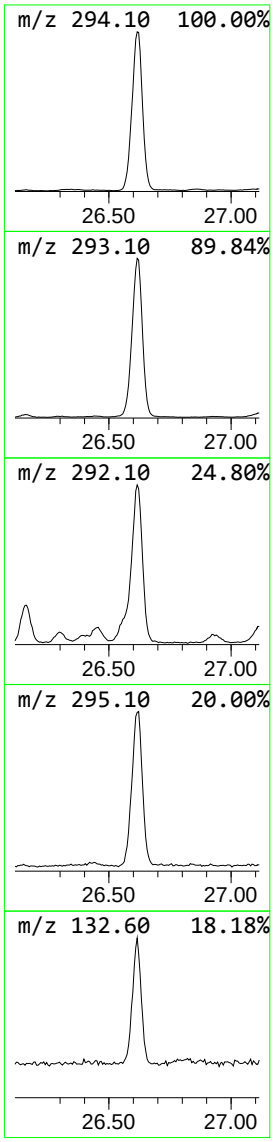
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Cyclopropyl-3-(2-fluorobe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.615	16.85 ng/ul	5531360	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopropyl-3-(2-fluorobenzyl)...	294	C18H15FN2O	1000311-61-2	64
2	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	53
3	Yohimban-17-one	294	C19H22N2O	000523-14-8	45
4	Phenanthrene, 9,10-diethyl-3,6-d...	294	C20H22O2	005025-38-7	38
5	Cyclohexene, 2,3-bis(p-methoxyph...	294	C20H22O2	015638-16-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013025.D
Acq On : 09 Dec 2022 19:06
Operator : CG/JU
Sample : N5896-18 10X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXN6

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	3.0	ng/ul	1392390	3	14.610	9251700	20.0
(DEL) Alkane: S...	16.316	3.3	ng/ul	1831630	4	17.369	11081500	20.0
1(2H)-Acenaphth...	16.339	3.0	ng/ul	1649360	4	17.369	11081500	20.0
(DEL) Alkane: S...	17.116	2.9	ng/ul	1608690	4	17.369	11081500	20.0
(DEL) Alkane: S...	17.169	3.0	ng/ul	1636540	4	17.369	11081500	20.0
Benzo[h]quinoline	17.563	2.1	ng/ul	1164610	4	17.369	11081500	20.0
5H-Indeno[1,2-b...	17.775	13.2	ng/ul	7322600	4	17.369	11081500	20.0
(DEL) Alkane: S...	17.851	2.7	ng/ul	1474930	4	17.369	11081500	20.0
Phenanthrene, 2...	18.357	2.3	ng/ul	1257360	4	17.369	11081500	20.0
4H-Cyclopenta[d...	18.422	6.7	ng/ul	3697640	4	17.369	11081500	20.0
(DEL) Alkane: S...	18.522	2.6	ng/ul	1453010	4	17.369	11081500	20.0
(DEL) Alkane: S...	19.128	2.2	ng/ul	1238530	4	17.369	11081500	20.0
Cyclopenta(def)...	19.257	4.3	ng/ul	2360800	4	17.369	11081500	20.0
Acenaphtho(1,2-...	19.586	3.3	ng/ul	2740490	5	21.457	16433900	20.0
Indeno(1,2,3-ij...	19.963	7.4	ng/ul	6047530	5	21.457	16433900	20.0
Fluoranthene, 2...	20.186	6.6	ng/ul	5450270	5	21.457	16433900	20.0
Cyclopenta[cd]p...	21.180	3.1	ng/ul	2589140	5	21.457	16433900	20.0
Cyclopenta(cd)p...	21.621	2.4	ng/ul	1982890	5	21.457	16433900	20.0
Naphtho[2,1,8,7...	21.786	2.0	ng/ul	1685850	5	21.457	16433900	20.0
Benzo[e]pyrene	23.374	6.7	ng/ul	2189590	6	23.945	6563800	20.0
Perylene	23.727	22.2	ng/ul	7295730	6	23.945	6563800	20.0
2-Cyclopropyl-3...	26.615	16.9	ng/ul	5531360	6	23.945	6563800	20.0