LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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: BP013016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	99	102	115	rBV	382650	625140	1.53%	0.159%
2	3.887	115	119	128	rVB	140734	200331	0.49%	0.051%
3	4.017	136	141	146	rVB	94273	144545	0.35%	0.037%
4	7.128	660	670	679	rBV	996444	1593055	3.90%	0.405%
5	7.299	692	699	711	rBV	959891	1475168	3.61%	0.375%
6	7.499	726	733	743	rBV	1122440	1742802	4.26%	0.443%
7	7.975	805	814	821	rBV	2030434	3265452	7.98%	0.831%
8	8.516	898	906	915	rBV	191558	350441	0.86%	0.089%
9	8.675	927	933	941	rBV	1350480	2157107	5.27%	0.549%
10	9.140	1005	1012	1024	rBV	1076655	1776940	4.34%	0.452%
11	9.863	1128	1135	1146	rBV	899981	1468226	3.59%	0.373%
12	10.404	1218	1227	1234	rBV	1412887	2319301	5.67%	0.590%
13	10.787	1283	1292	1298	rBV	2990721	5090035	12.45%	1.295%
14	10.922	1308	1315	1328	rVV	1207734	2105994	5.15%	0.536%
15	12.440	1567	1573	1580	rVB2	82381	134281	0.33%	0.034%
16	12.675	1606	1613	1619	rVB2	88568	187777	0.46%	0.048%
17	13.428	1737	1741	1749	rVB3	94176	174842	0.43%	0.044%
18	13.934	1820	1827	1832	rBV5	65484	148642	0.36%	0.038%
19	14.016	1834	1841	1847	rBV	2883197	3979219	9.73%	1.012%
20	14.140	1857	1862	1870	rVB	175757	287622	0.70%	0.073%
21	14.304	1884	1890	1905	rBV2	3277778	5757713	14.08%	1.464%
22	14.498	1918	1923	1928	rBV	372971	485847	1.19%	0.124%
23	14.610	1936	1942	1949	rBV	4707112	7141438	17.46%	1.816%
24	14.675	1949	1953	1962	rVB	389578	600393	1.47%	0.153%
25	14.798	1970	1974	1986	rVB	440540	755539	1.85%	0.192%
26	15.010	2005	2010	2016	rBV	341927	561114	1.37%	0.143%
27	15.116	2025	2028	2036	rBV4	79610	132231	0.32%	0.034%
28	15.451	2080	2085	2089	rVV	474864	590015	1.44%	0.150%
29	15.604	2105	2111	2116	rBV	4536618	6400781	15.65%	1.628%
30	15.657	2116	2120	2125	rVV	604582	849241	2.08%	0.216%
31	15.716	2126	2130	2139	rVB	691953	1026644	2.51%	0.261%
32	15.857	2149	2154	2159	rVB	249429	403485	0.99%	0.103%
33	15.969	2167	2173	2177	rBV2	604248	931590	2.28%	0.237%
34	16.075	2188	2191	2194	rBV	110007	158704	0.39%	0.040%
35	16.316	2227	2232	2234	rBV	966027	1276047	3.12%	0.325%
36	16.339	2234	2236	2241	rVB	828629	1004027	2.45%	0.255%

LSC Area Percent Report

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Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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	16.663	2287	2291	2295	rBV3	207907	329490	0.81%	0.084%
38	17.016	2347	2351	2357	rBV	255077	397654	0.97%	0.101%
39	17.116	2363	2368	2372	rBV	1022706	1269418	3.10%	0.323%
40	17.169	2372	2377	2388	rVB2	648006	1358854	3.32%	0.346%
41	17.369	2405	2411	2415	rBV	6184737	8906925	21.78%	2.265%
42	17.410	2415	2418	2423	rVV	3287056	4589978	11.22%	1.167%
43	17.469	2423	2428	2430	rVV2	4659837	6655777	16.27%	1.693%
44	17.510	2430	2435	2440	rVV	20621013	32313626	79.01%	8.219%
45	17.557	2440	2443	2453	rVV2	494860	993638	2.43%	0.253%
46	17.651	2455	2459	2466	rVB2	313280	568840	1.39%	0.145%
47	17.769	2475	2479	2489	rVB	2281180	3131579	7.66%	0.796%
48	17.851	2490	2493	2497	rBV	980084	1139834	2.79%	0.290%
49	18.033	2521	2524	2528	rVB	371429	509300	1.25%	0.130%
50	18.239	2555	2559	2562	rBV2	662840	855746	2.09%	0.218%
51	18.281	2562	2566	2572	rVB	690570	971050	2.37%	0.247%
52	18.357	2575	2579	2585	rBV	719265	936349	2.29%	0.238%
53	18.422	2585	2590	2594	rBV	2114509	3096425	7.57%	0.788%
54	18.522	2604	2607	2611	rBV	972149	1029301	2.52%	0.262%
55	18.610	2618	2622	2626	rBV	619844	874827	2.14%	0.223%
56	18.716	2637	2640	2642	rVB2	345361	363106	0.89%	0.092%
57	18.751	2642	2646	2652	rVB	2247839	2908072	7.11%	0.740%
58	19.128	2707	2710	2714	rVB	878312	1062041	2.60%	0.270%
59	19.257	2727	2732	2740	rBV	8304010	10994375	26.88%	2.796%
60	19.375	2747	2752	2757	rVB	12674249	16132167	39.44%	4.103%
61	19.469	2764	2768	2773	rVB	1031479	1276778	3.12%	0.325%
62	19.592	2785	2789	2791	rBV	1502679	2131359	5.21%	0.542%
63	19.698	2802	2807	2809	rBV2	7832304	11644784	28.47%	2.962%
64	19.733	2809	2813	2819	rVV	27643657	40898970	100.00%	10.402%
65	19.792	2820	2823	2830	rVB3	649444	936579	2.29%	0.238%
66	19.898	2838	2841	2846	rBV	467020	617868	1.51%	0.157%
67	19.963	2847	2852	2859	rVB	3637046	5128713	12.54%	1.304%
68	20.051	2860	2867	2872	rBV3	1160231	2718055	6.65%	0.691%
69	20.186	2883	2890	2898	rVB	3218935	7850017	19.19%	1.997%
70	20.251	2898	2901	2905	rBV	498016	719222	1.76%	0.183%
71	20.304	2906	2910	2913	rVV2	1367744	1745242	4.27%	0.444%
72	20.363	2913	2920	2924	rVV2	2885793	4617233	11.29%	1.174%
73	20.398	2924	2926	2929	rVB3	560105	557331	1.36%	0.142%
74	20.498	2939	2943	2947	rBV	2538281	3511641	8.59%	0.893%
75	20.545	2947	2951	2955	rVB	1541891	2003483	4.90%	0.510%
76	20.616	2960	2963	2966	rVB2	644939	744049	1.82%	0.189%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
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Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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	20.692	2973	2976	2981	rVB3	833923	1046092	2.56%	0.266%
78	20.851	3000	3003	3007	rVB2	678757	777984	1.90%	0.198%
79	20.892	3008	3010	3013	rVV3	539080	670492	1.64%	0.171%
80	20.939	3014	3018	3024	rVB2	1965305	3118229	7.62%	0.793%
81	21.104	3043	3046	3049	rBV	1056047	1207182	2.95%	0.307%
82	21.145	3049	3053	3055	rVV3	2283651	2958205	7.23%	0.752%
83	21.180	3055	3059	3063	rVB	4416980	5661806	13.84%	1.440%
84	21.227	3064	3067	3078	rVB2	1592052	2621529	6.41%	0.667%
85	21.316	3079	3082	3084	rBV2	634103	838848	2.05%	0.213%
86	21.457	3094	3106	3111	rBV3	8828770	29289740	71.61%	7.450%
87	21.498	3111	3113	3119	rVB	7264351	8197898	20.04%	2.085%
88	21.627	3131	3135	3140	rVB2	2196249	3341290	8.17%	0.850%
89	21.786	3158	3162	3167	rVB	1951303	2836752	6.94%	0.721%
90	21.845	3168	3172	3180	rVB2	795655	1425256	3.48%	0.362%
91	22.269	3241	3244	3247	rBV2	850124	1059854	2.59%	0.270%
92	22.574	3292	3296	3302	rBV3	1156740	2127799	5.20%	0.541%
93	23.192	3393	3401	3407	rBV	12189305	30790533	75.28%	7.831%
94	23.380	3428	3433	3439	rVB	1734304	2969441	7.26%	0.755%
95	23.733	3486	3493	3498	rBV	5180601	10680812	26.12%	2.717%
96	23.786	3498	3502	3506	rVV2	3213368	6450311	15.77%	1.641%
97	23.839	3506	3511	3519	rVB	6036637	12367354	30.24%	3.146%
98	23.951	3524	3530	3535	rVV2	3867217	8480957	20.74%	2.157%
99	24.004	3535	3539	3549	rVB2	1757928	3918325	9.58%	0.997%
100	26.551	3965	3972	3979	rBV2	1622997	4546176	11.12%	1.156%

Sum of corrected areas: 393174290

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
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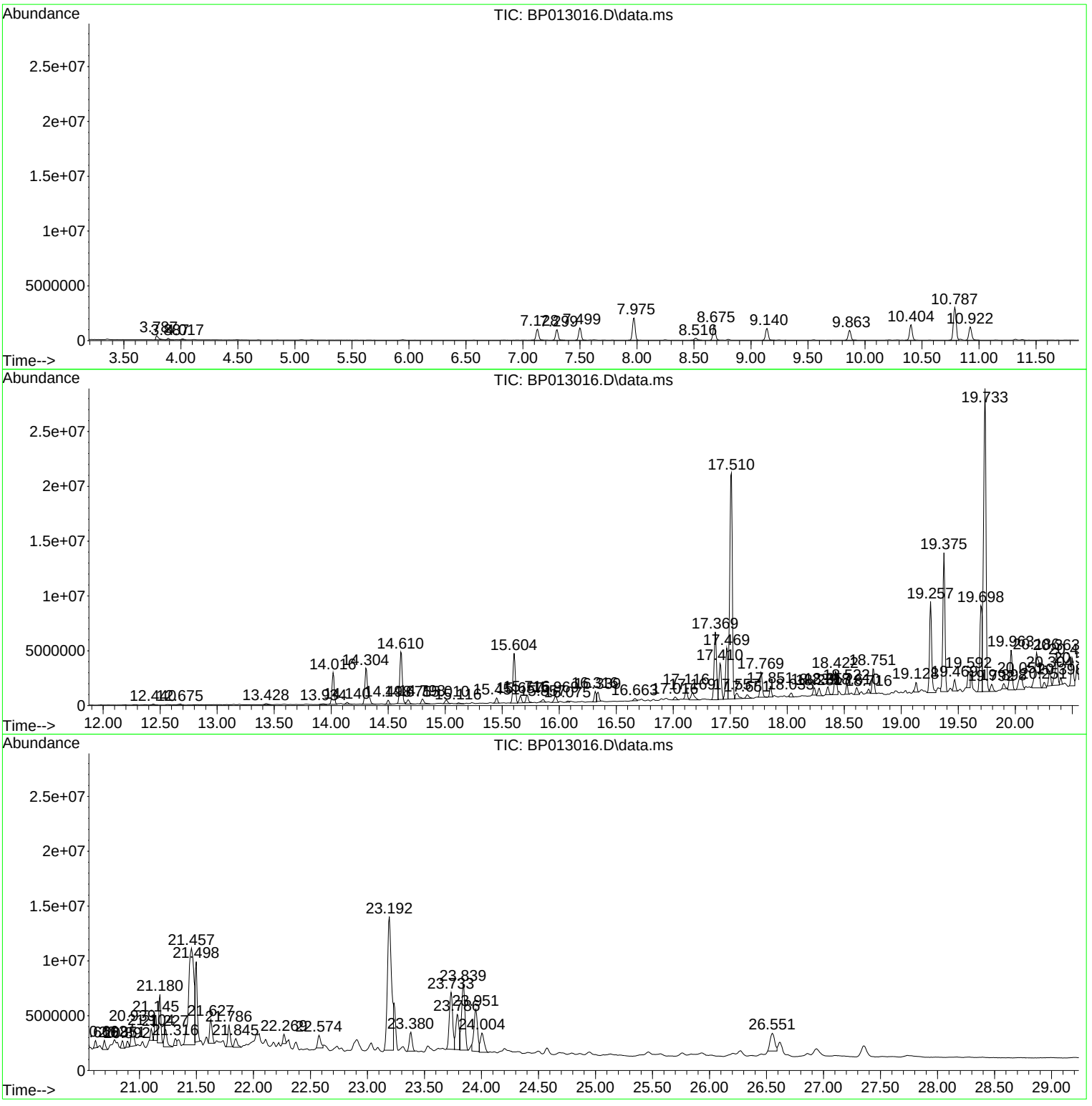
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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 : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

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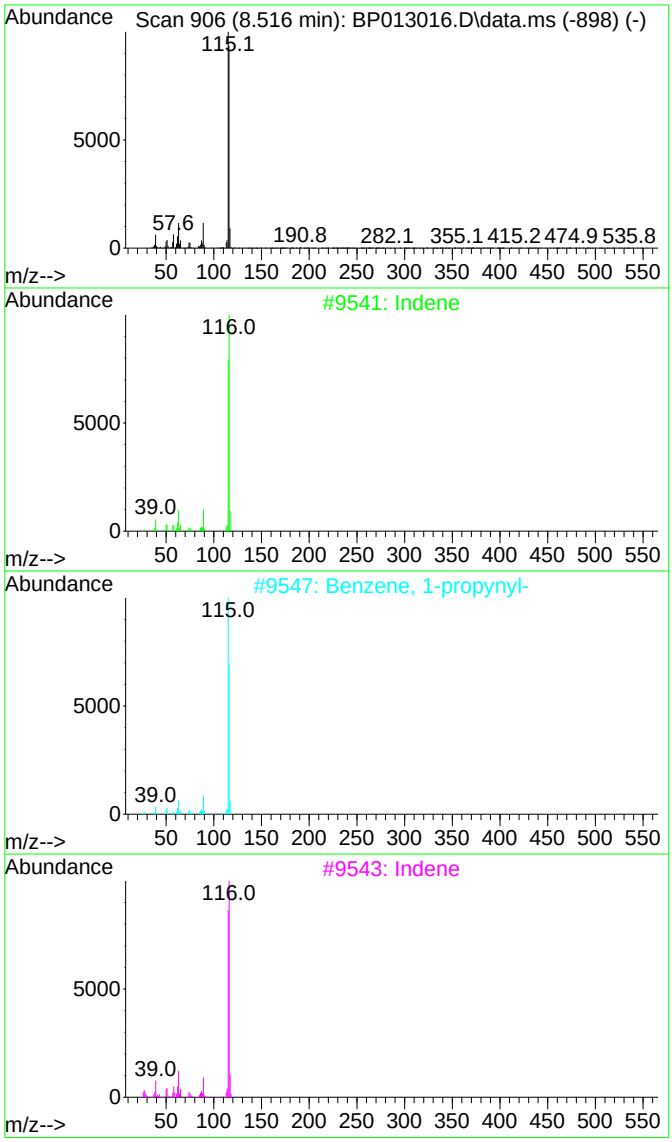
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

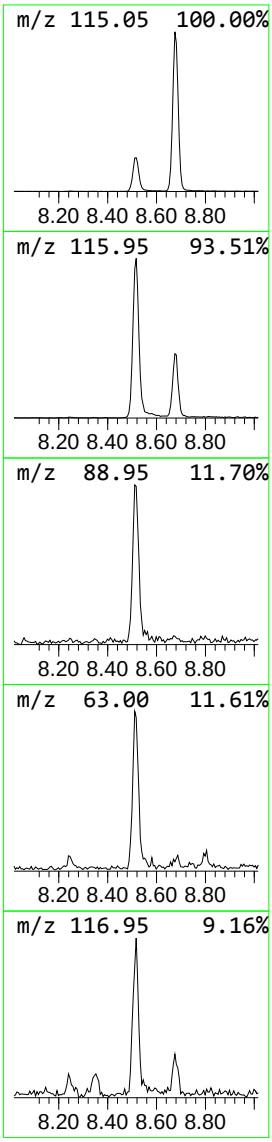
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	2.15 ng/ul	350441	1,4-Dichlorobenzene-d4	7.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	95
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
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Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

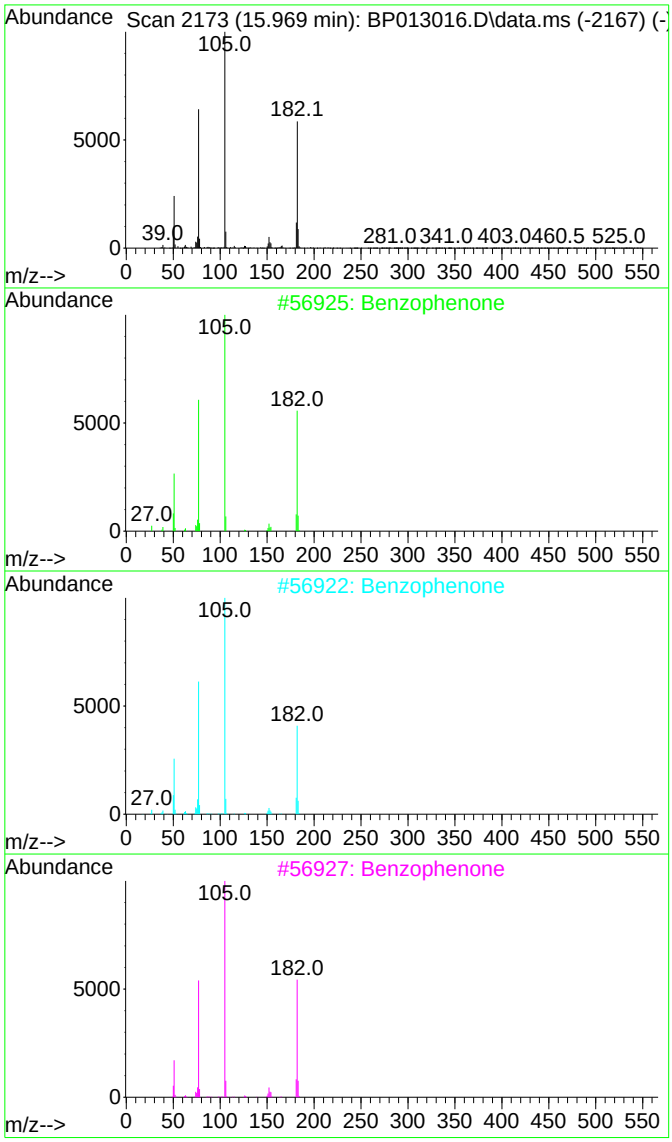
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

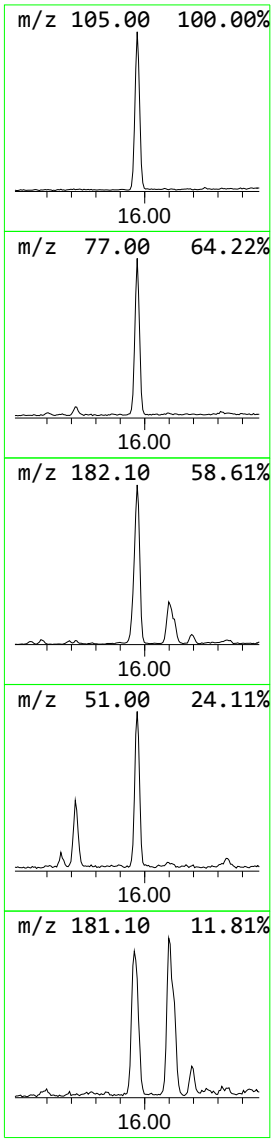
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.969	2.61 ng/ul	931590	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	90
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

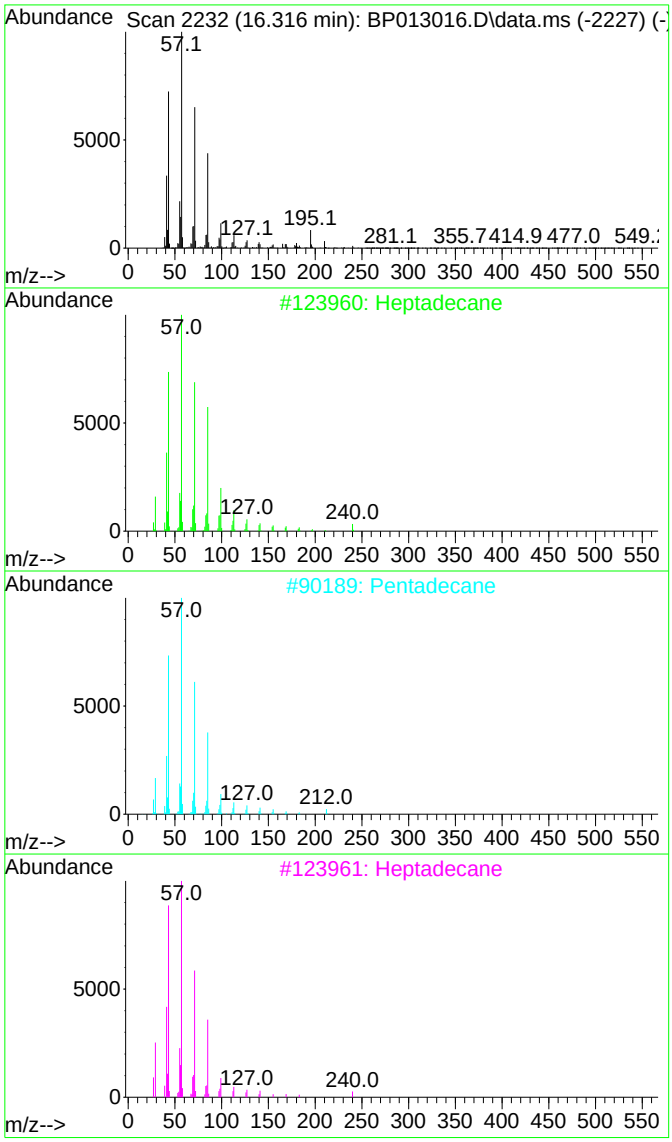
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

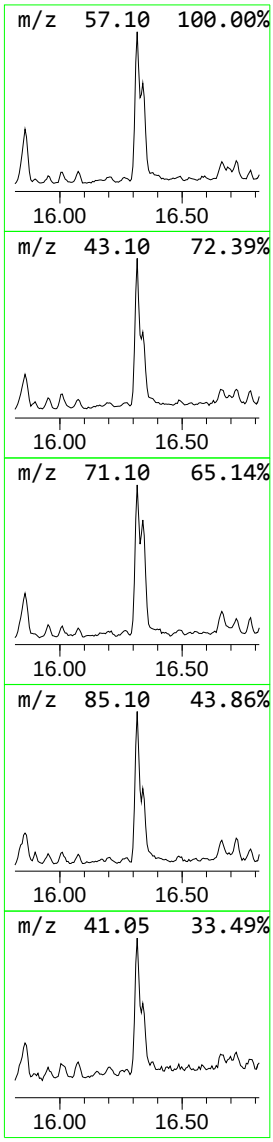
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.316	2.87 ng/ul	1276050	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	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
5	Tritetracontane	605	C43H88	007098-21-7	86





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Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

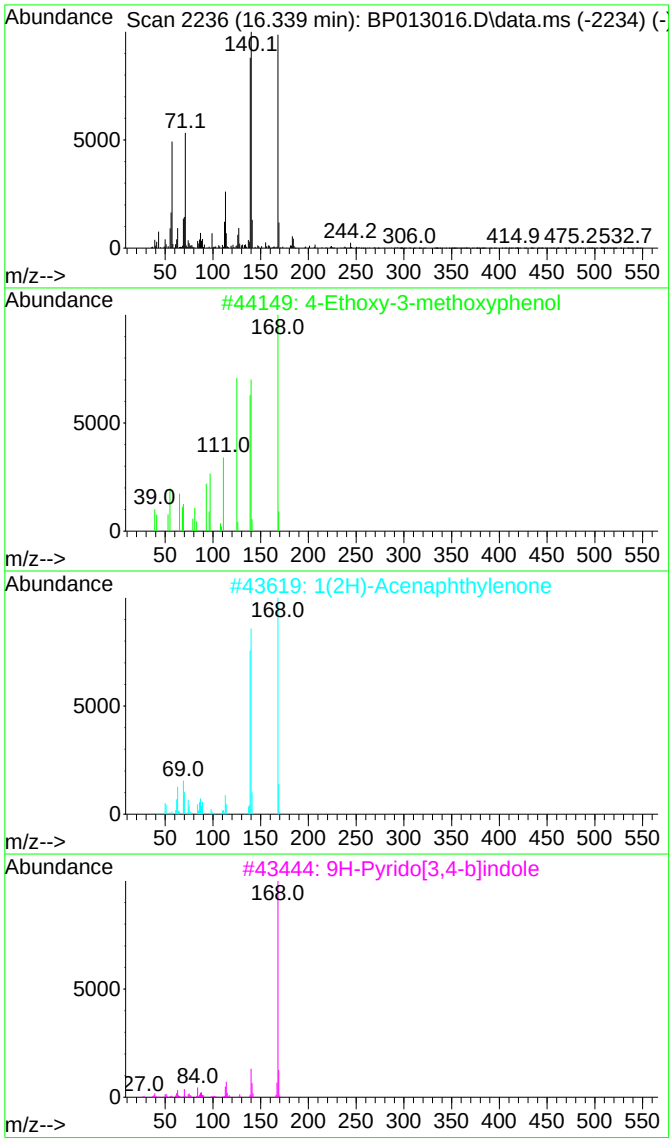
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

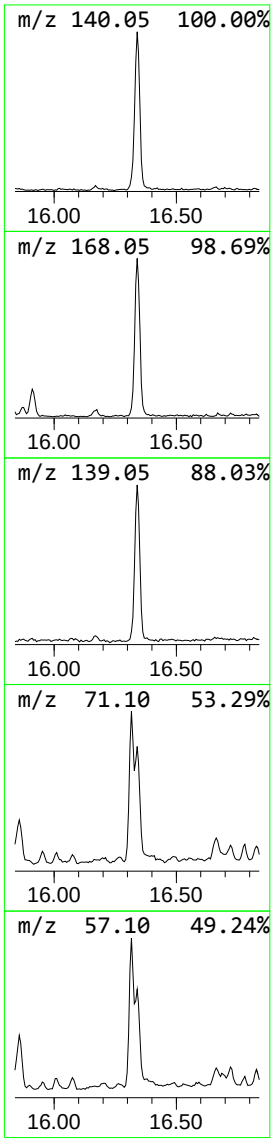
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-Ethoxy-3-methoxyphenol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	2.25 ng/ul	1004030	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethoxy-3-methoxyphenol	168	C9H12O3	065383-58-6	64
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	55
3	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	43
4	2-Amino-5,6-dihydro-4H-cyclopent...	140	C6H8N2S	053051-97-1	43
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

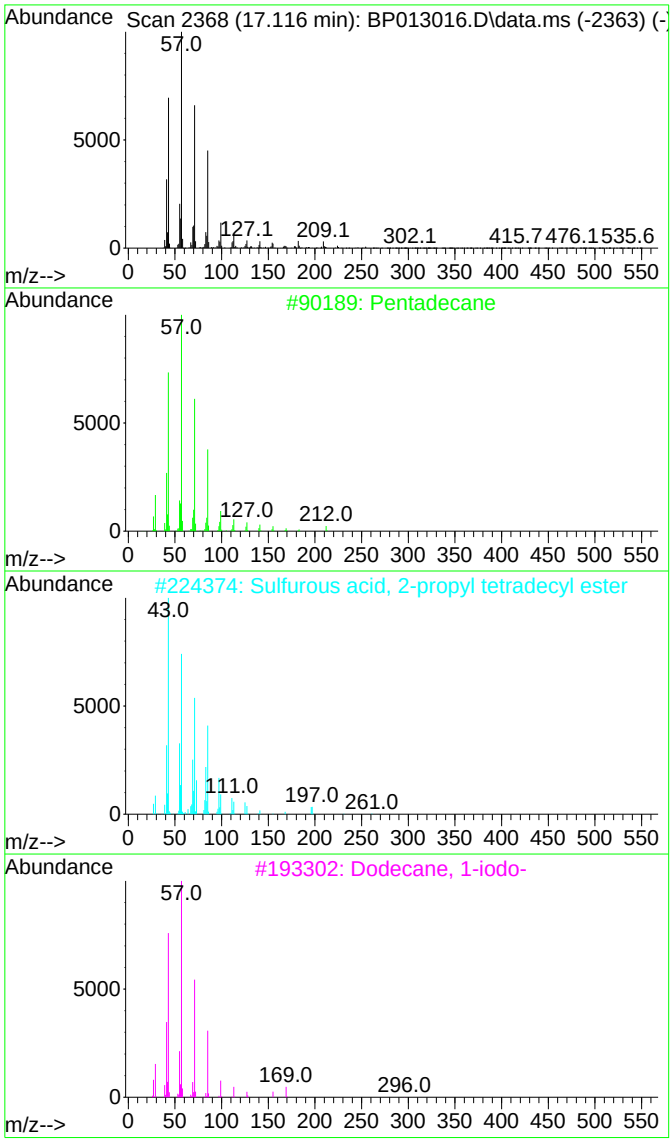
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

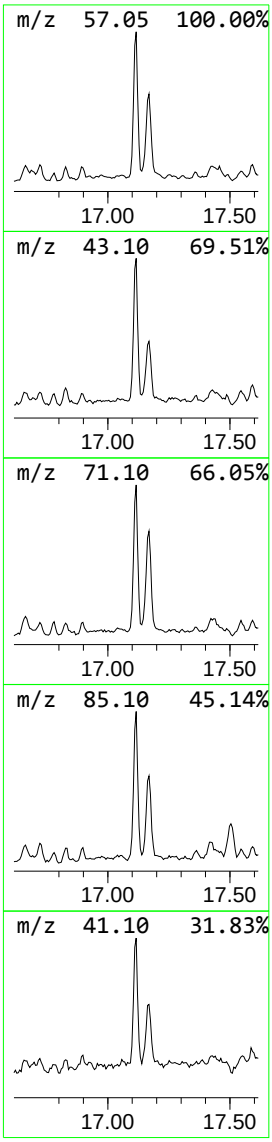
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	2.85 ng/ul	1269420	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

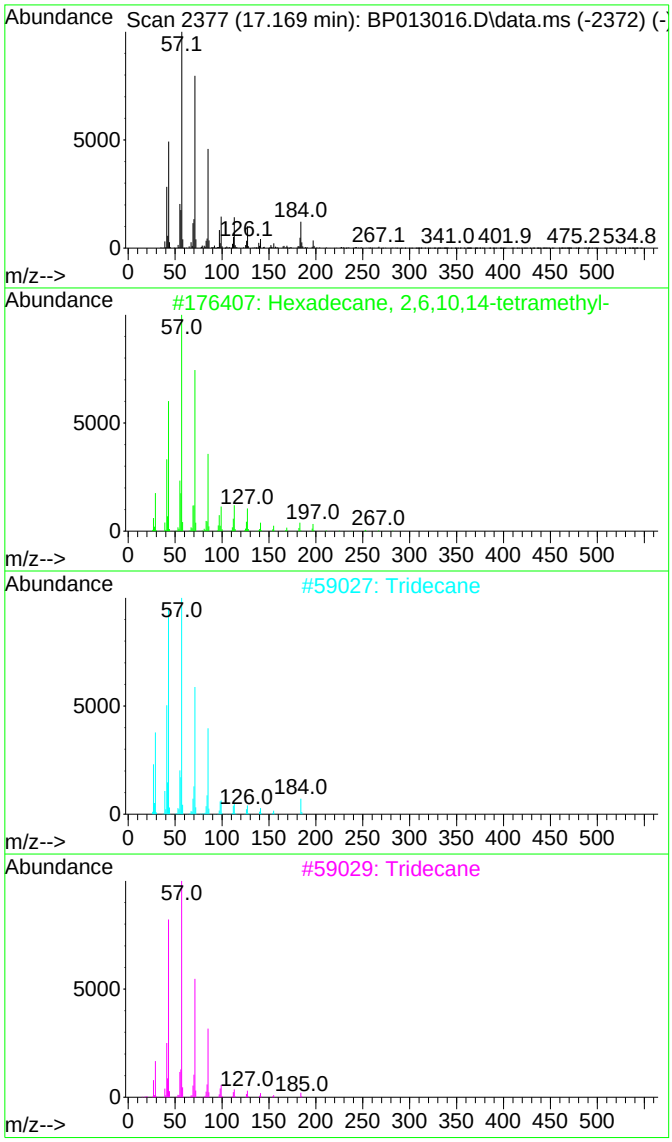
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

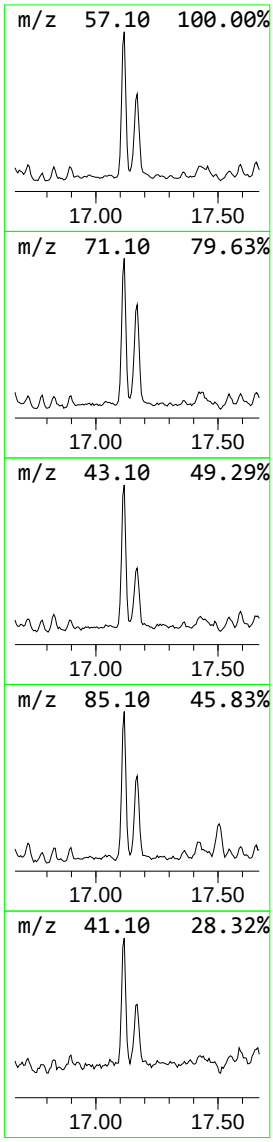
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	3.05 ng/ul	1358850	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	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Hexacosane	366	C26H54	000630-01-3	86
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	86





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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

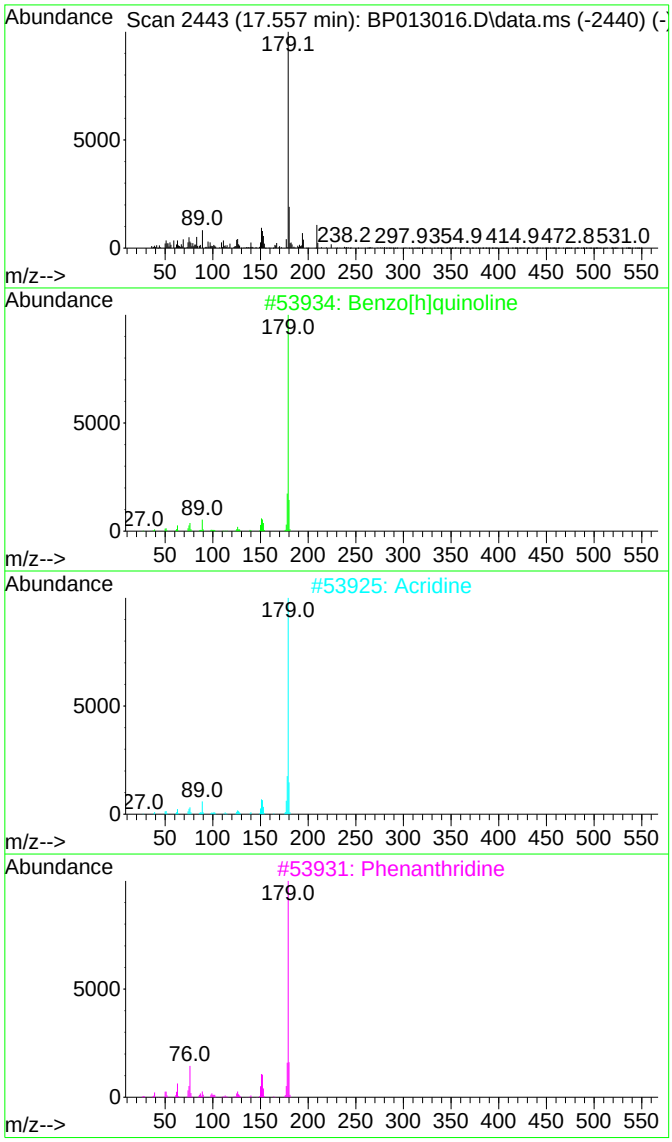
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

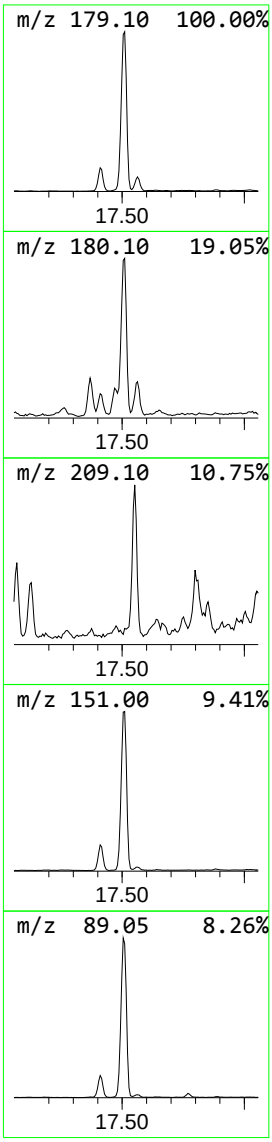
****

Peak Number 7 Benzo[h]quinoline Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.557	2.23 ng/ul	993638	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	81
2	Acridine	179	C13H9N	000260-94-6	81
3	Phenanthridine	179	C13H9N	000229-87-8	74
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	74
5	Acridine	179	C13H9N	000260-94-6	72





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Operator : CG/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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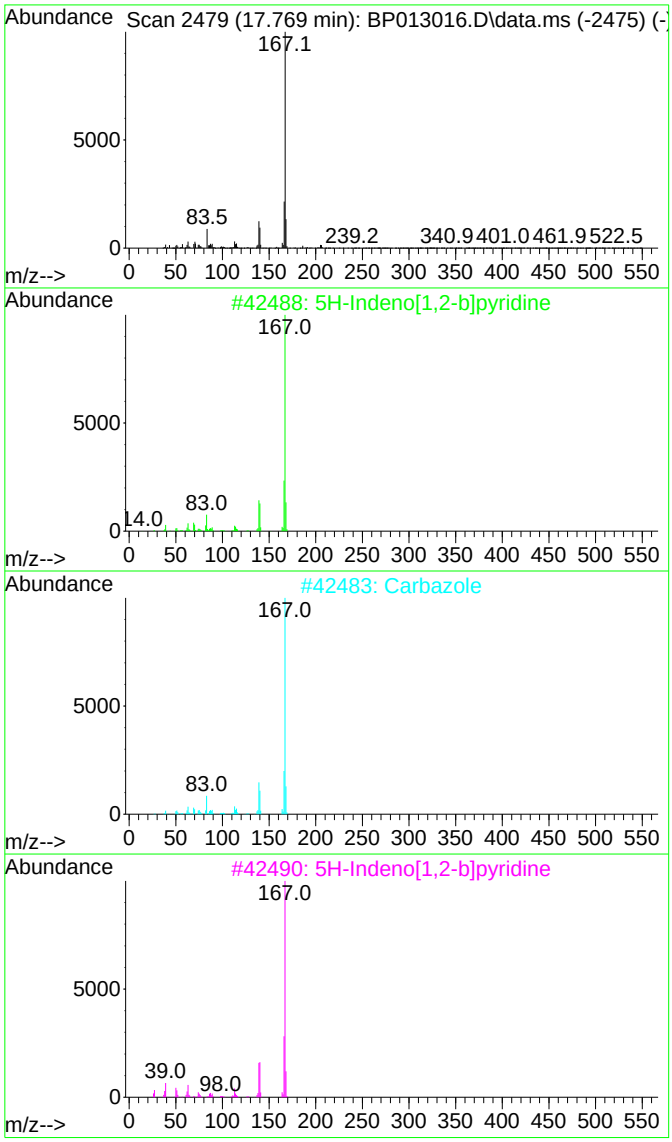
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

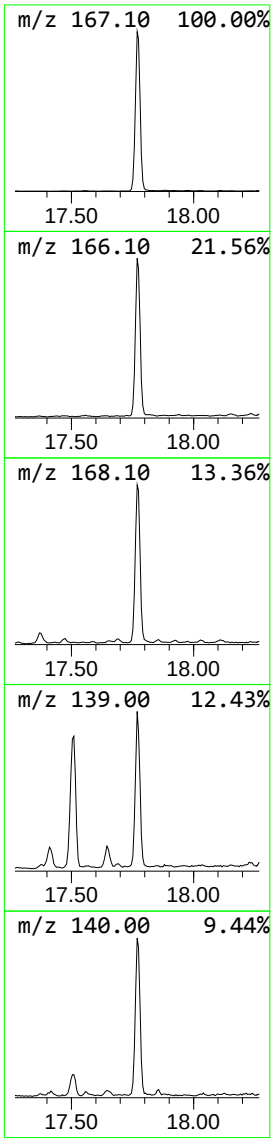
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	7.03 ng/ul	3131580	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	90
5	Carbazole	167	C12H9N	000086-74-8	90





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

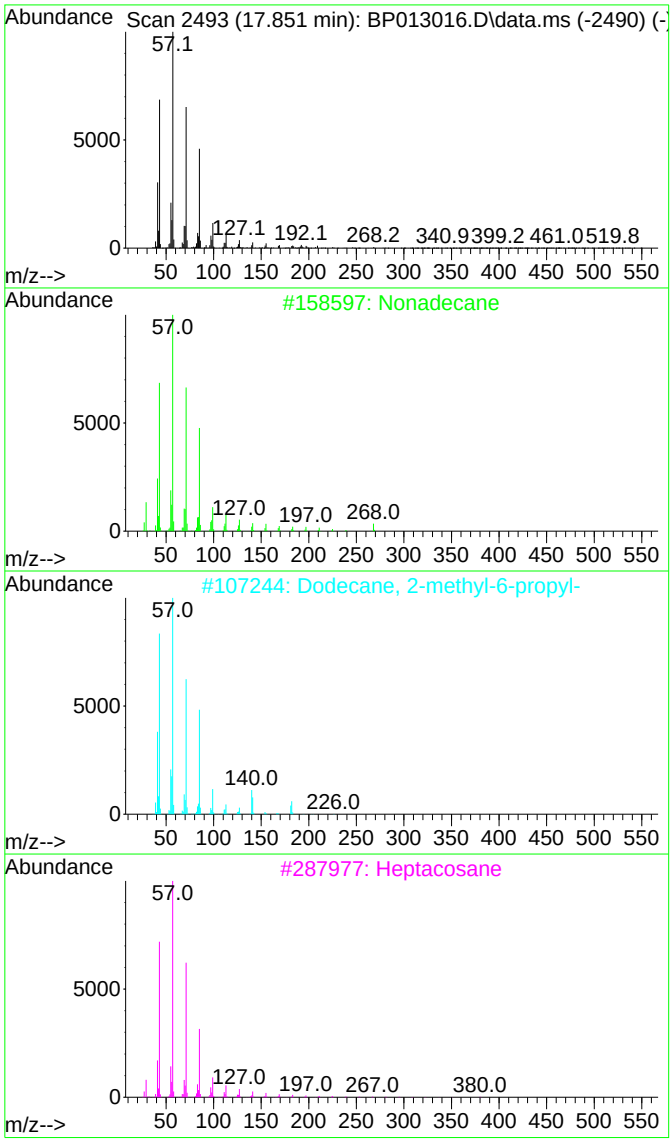
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

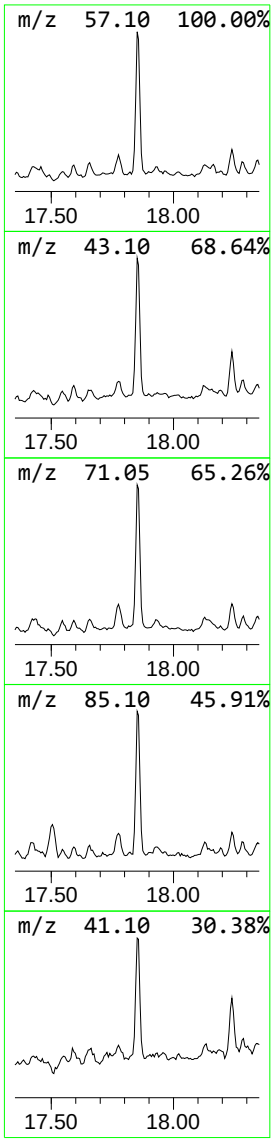
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	2.56 ng/ul	1139830	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87





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Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
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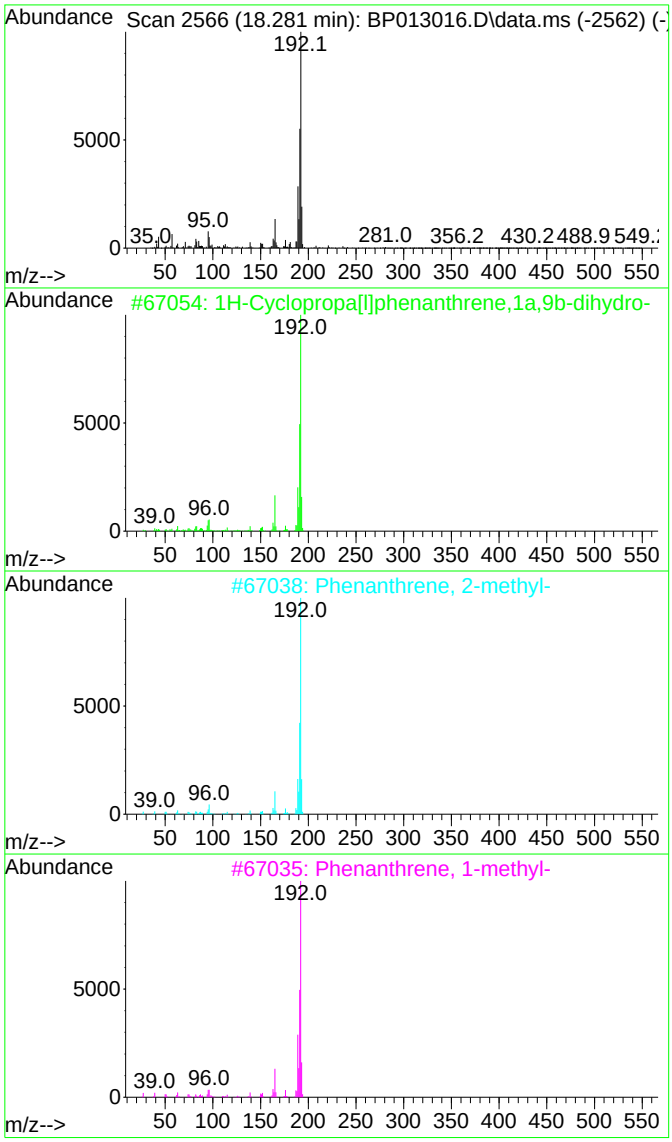
Quant Title : SVOA CALIBRATION

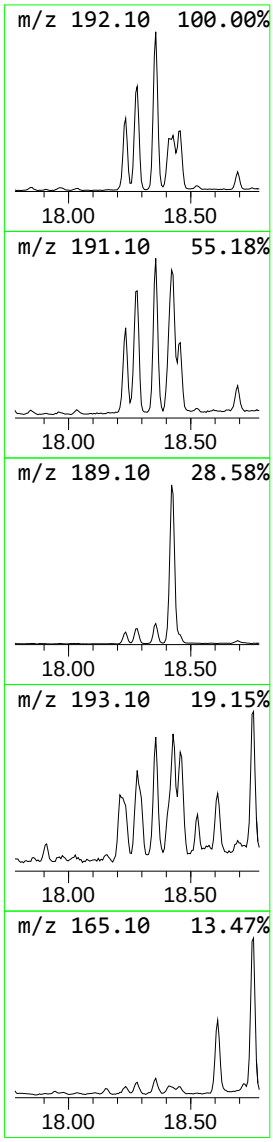
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	2.18 ng/ul	971050	Phenanthrene-d10	17.369

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





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

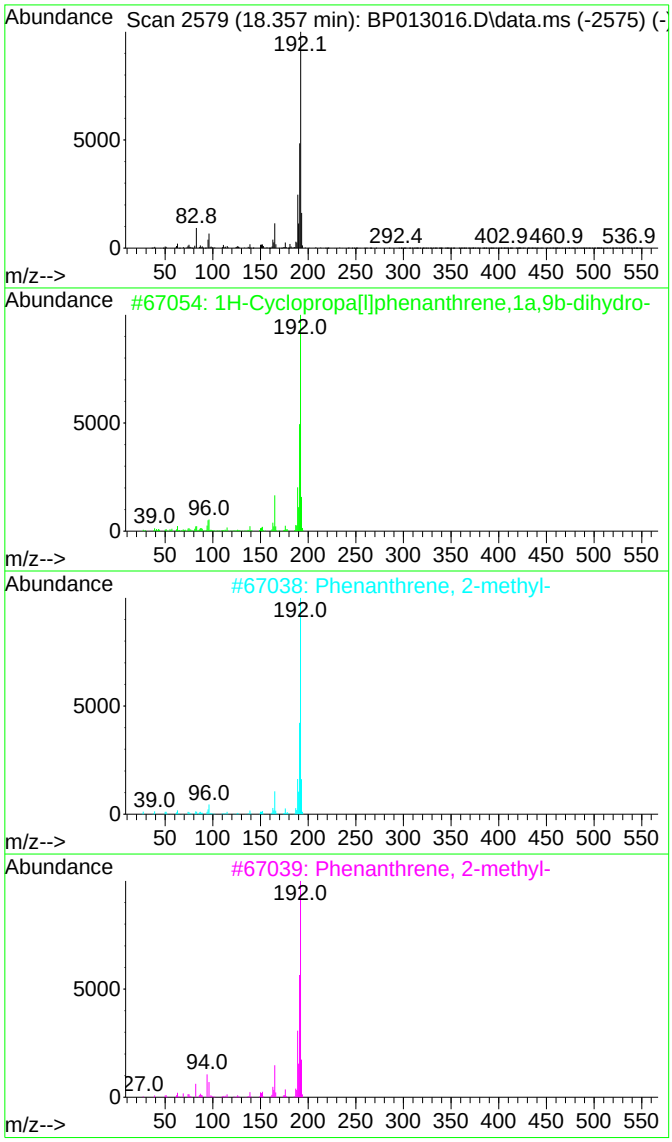
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

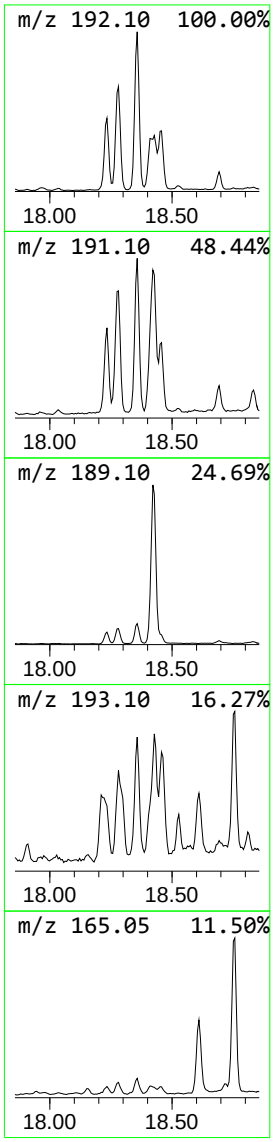
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	2.10 ng/ul	936349	Phenanthrene-d10	17.369

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





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

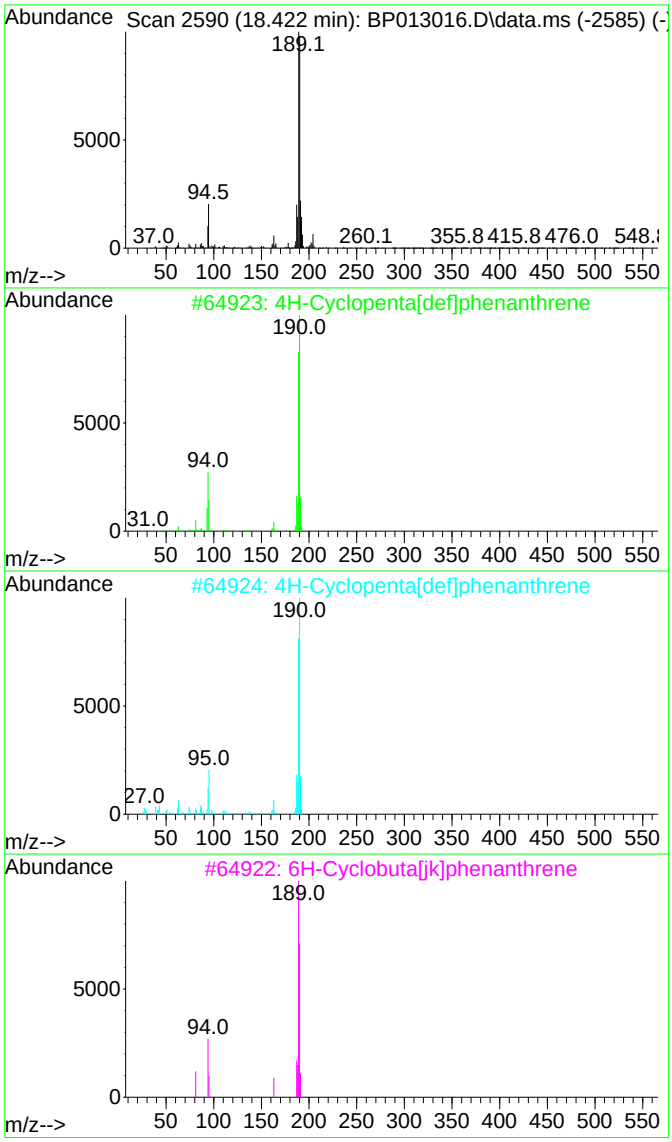
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

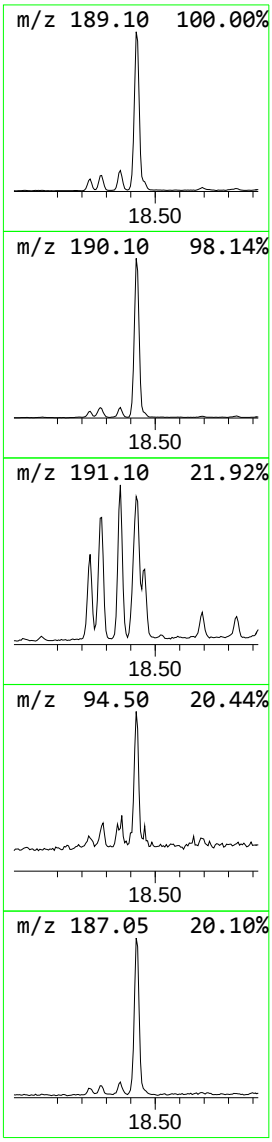
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	6.95 ng/ul	3096430	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58





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Operator : CG/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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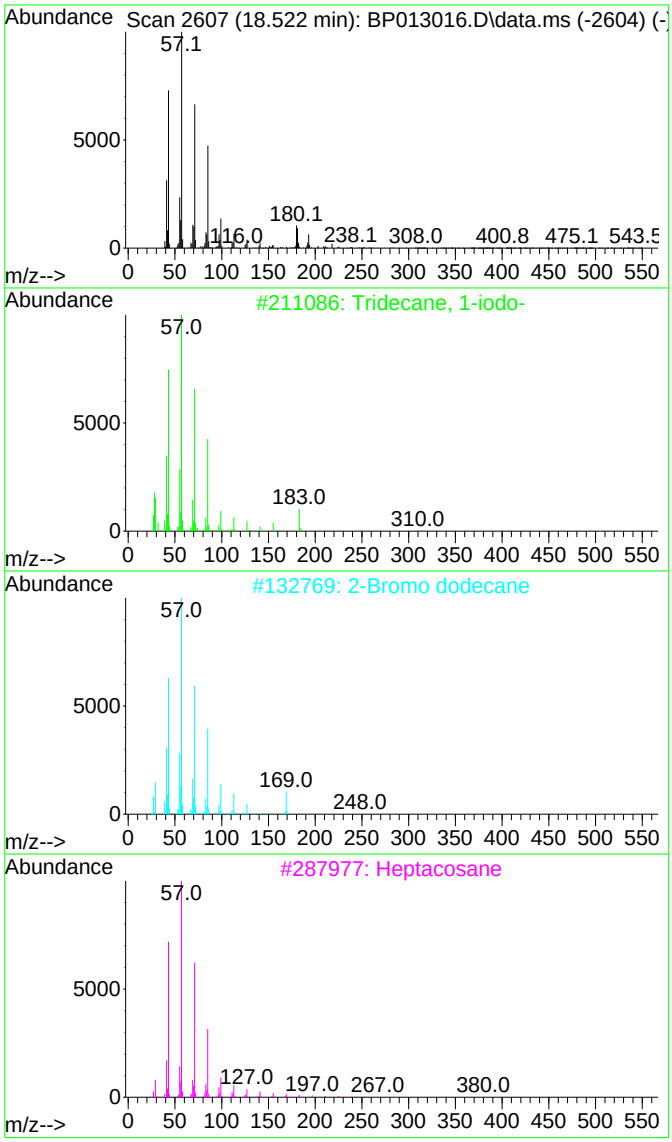
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

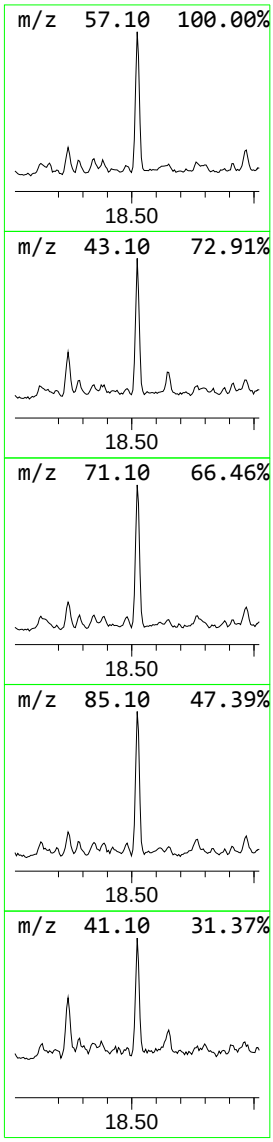
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	2.31 ng/ul	1029300	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	81
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	76
3	Heptacosane	380	C27H56	000593-49-7	74
4	Heneicosane	296	C21H44	000629-94-7	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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ALS Vial : 43 Sample Multiplier: 1

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

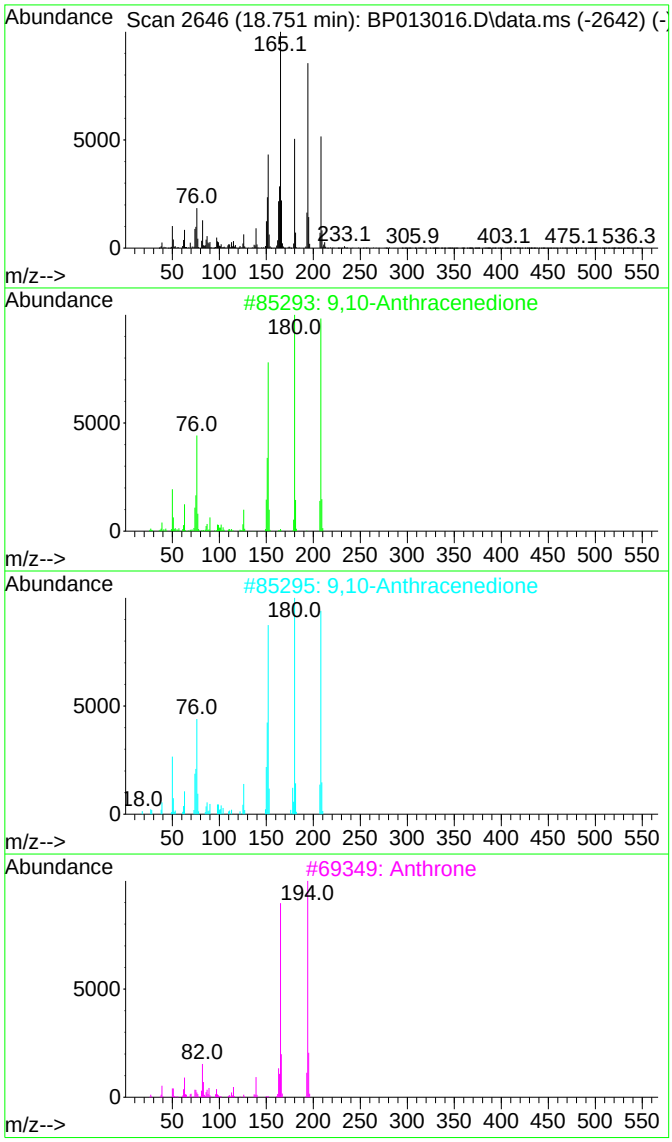
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

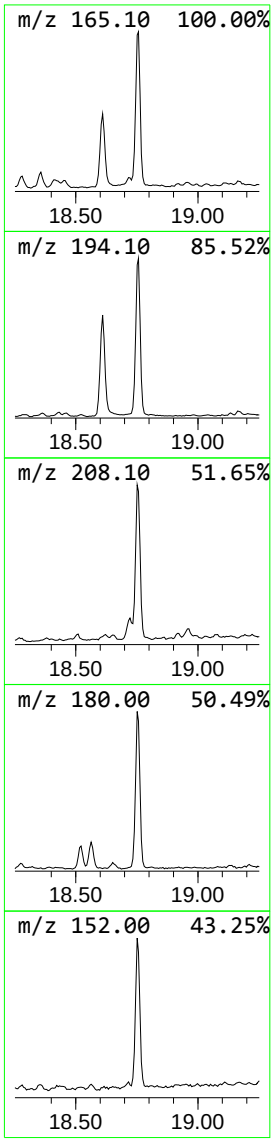
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	6.53 ng/ul	2908070	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Anthrone	194	C14H10O	000090-44-8	70
4	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	58
5	2,9b-Dihydrofurano[4,3,2-jk]fluo...	194	C14H10O	204396-15-6	55





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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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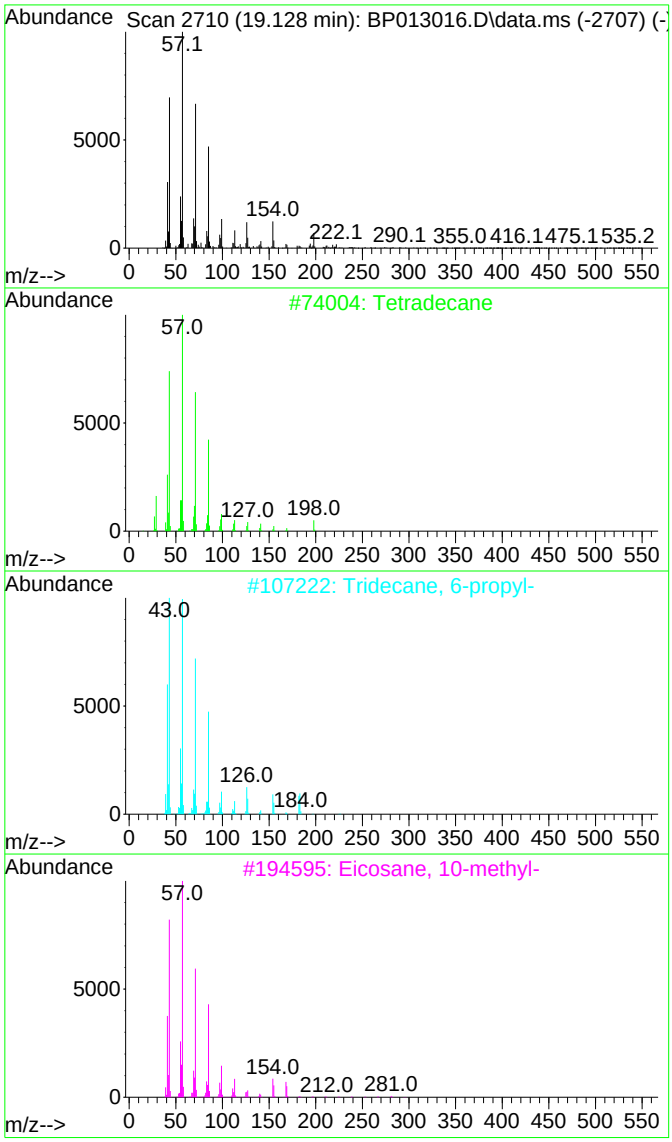
Quant Title : SVOA CALIBRATION

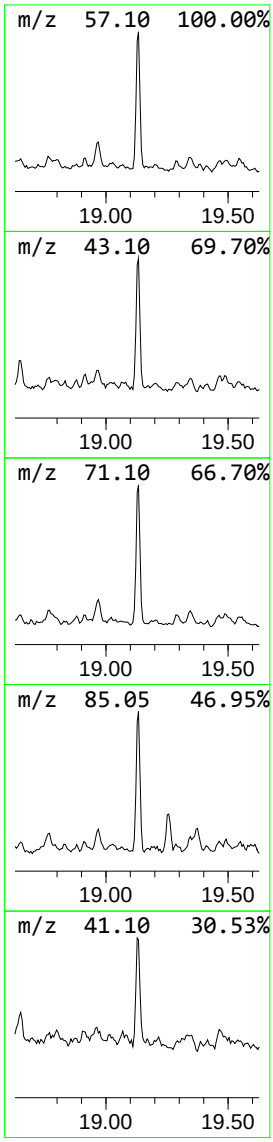
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.38 ng/ul	1062040	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Tetradecane	198	C14H30	000629-59-4	81
5	Heptacosane	380	C27H56	000593-49-7	76





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ALS Vial : 43 Sample Multiplier: 1

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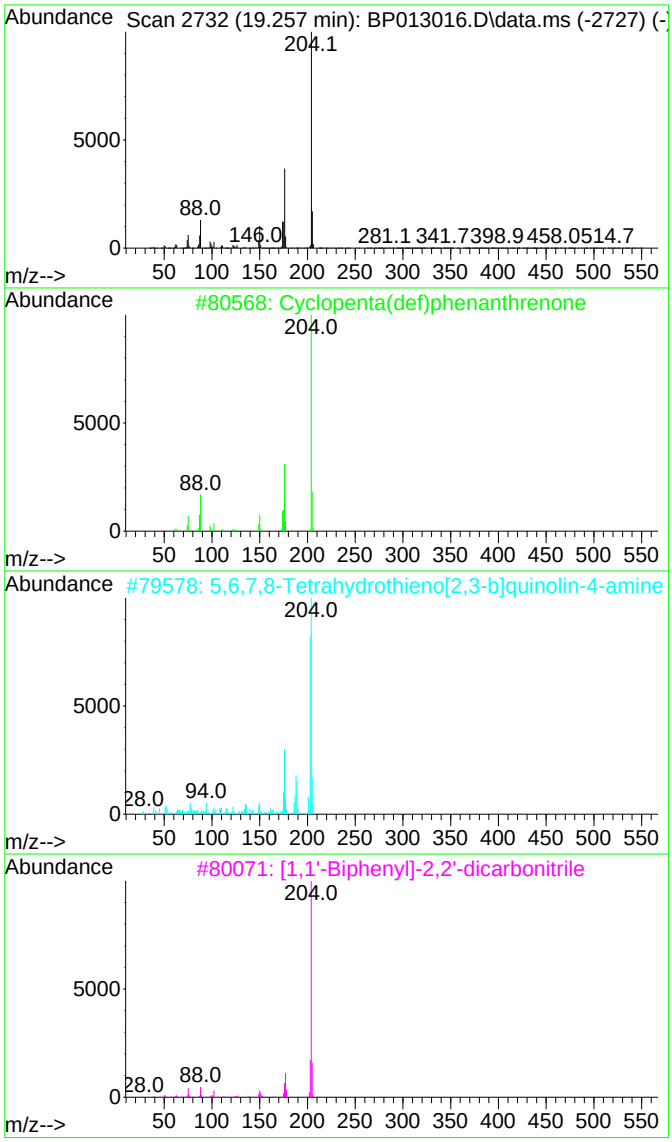
Quant Title : SVOA CALIBRATION

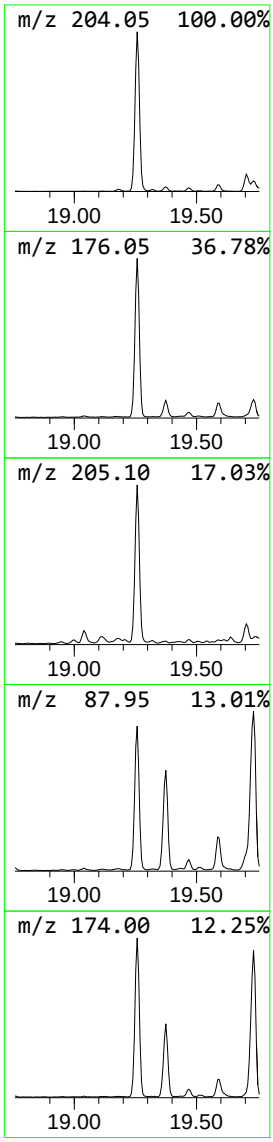
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	24.69 ng/ul	10994400	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
4	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	59
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

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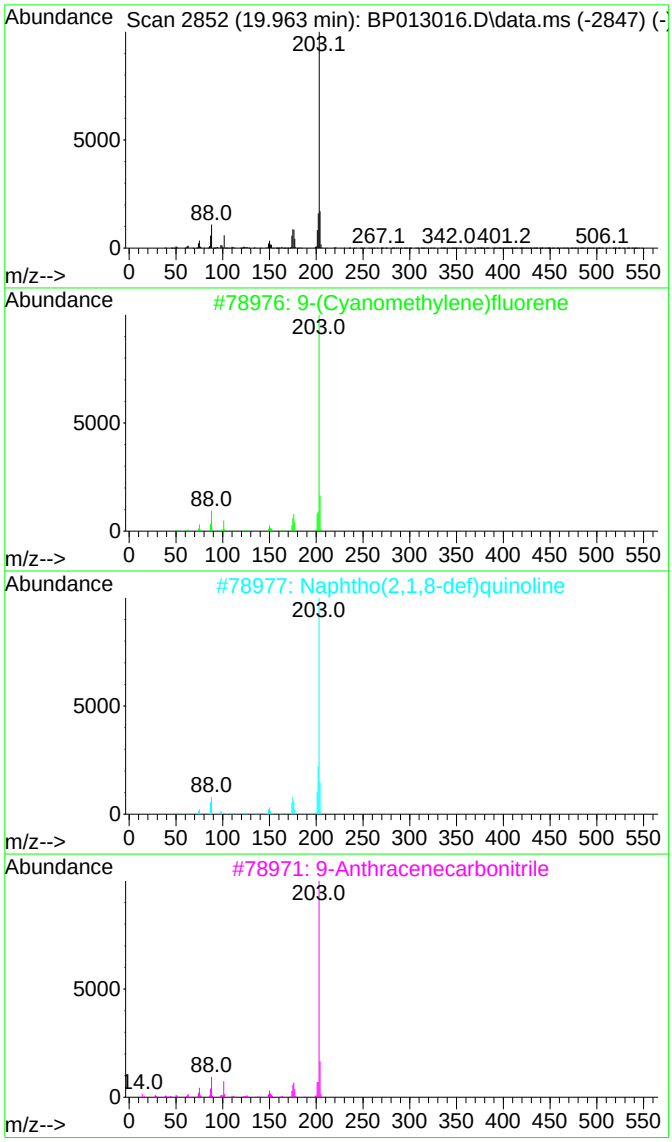
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

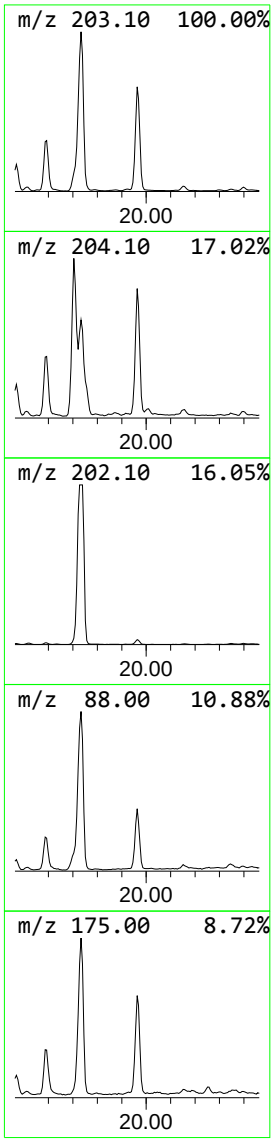
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9-(Cyanomethylene)fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	3.50 ng/ul	5128710	Chrysene-d12	21.457

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





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Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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

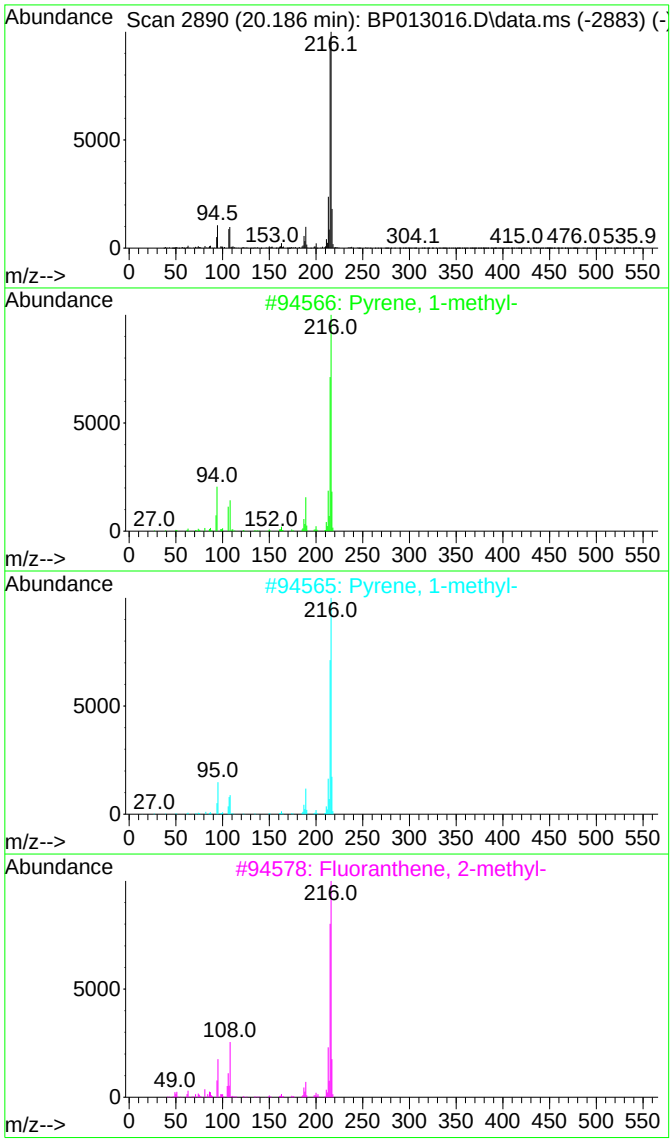
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

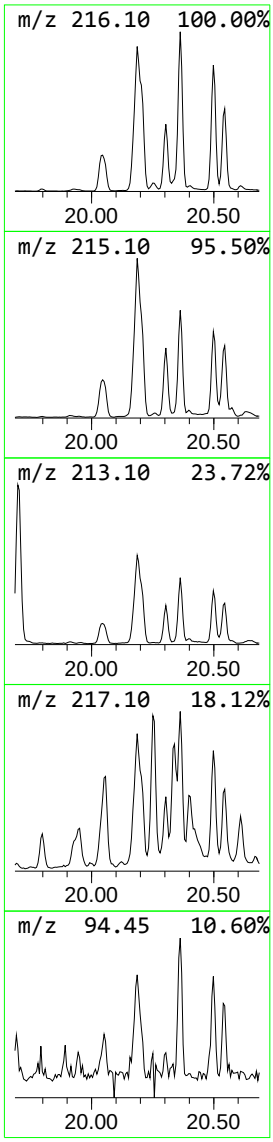
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	5.36 ng/ul	7850020	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

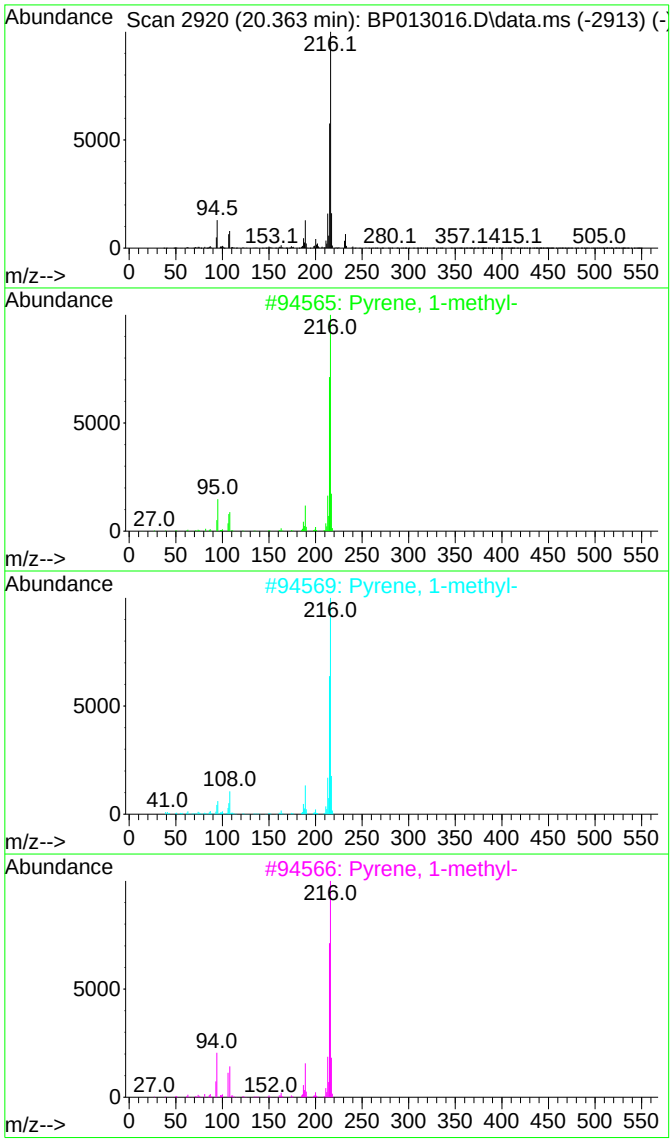
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

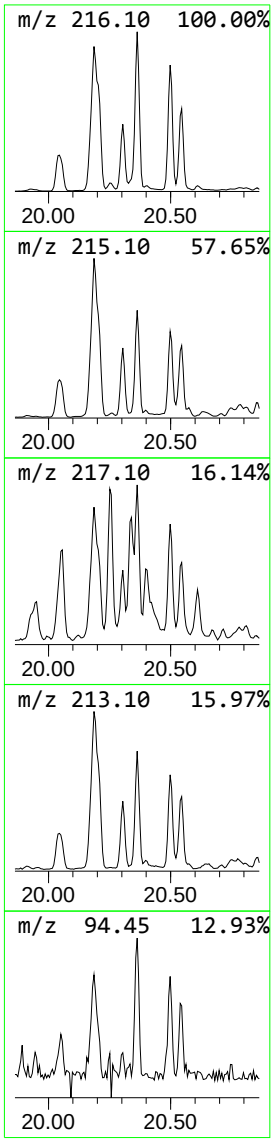
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.363	3.15 ng/ul	4617230	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94





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Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

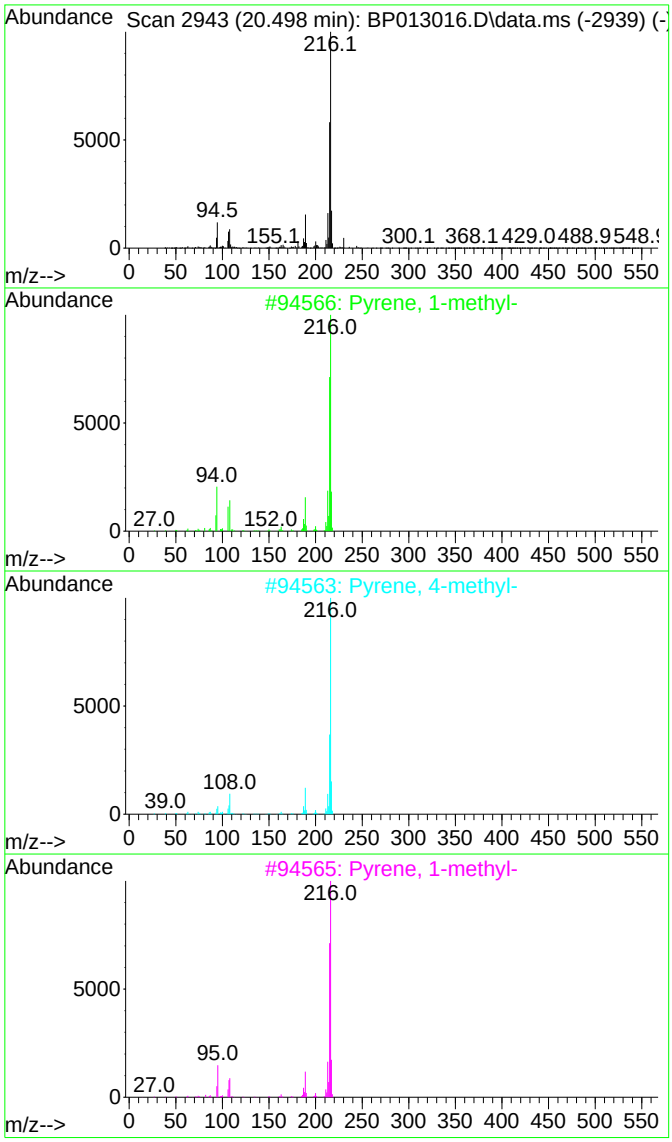
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

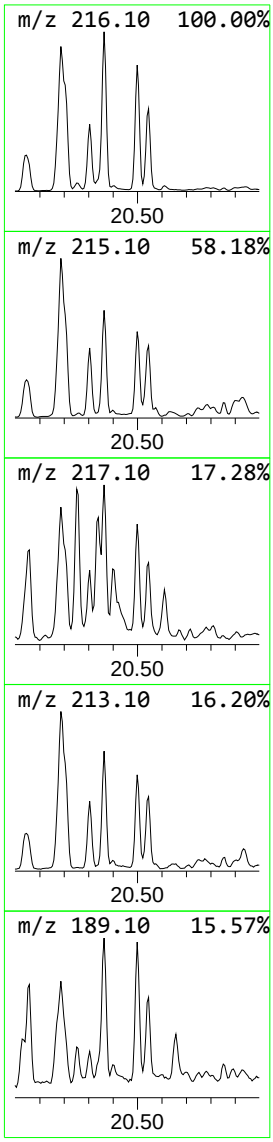
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.498	2.40 ng/ul	3511640	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93





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Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

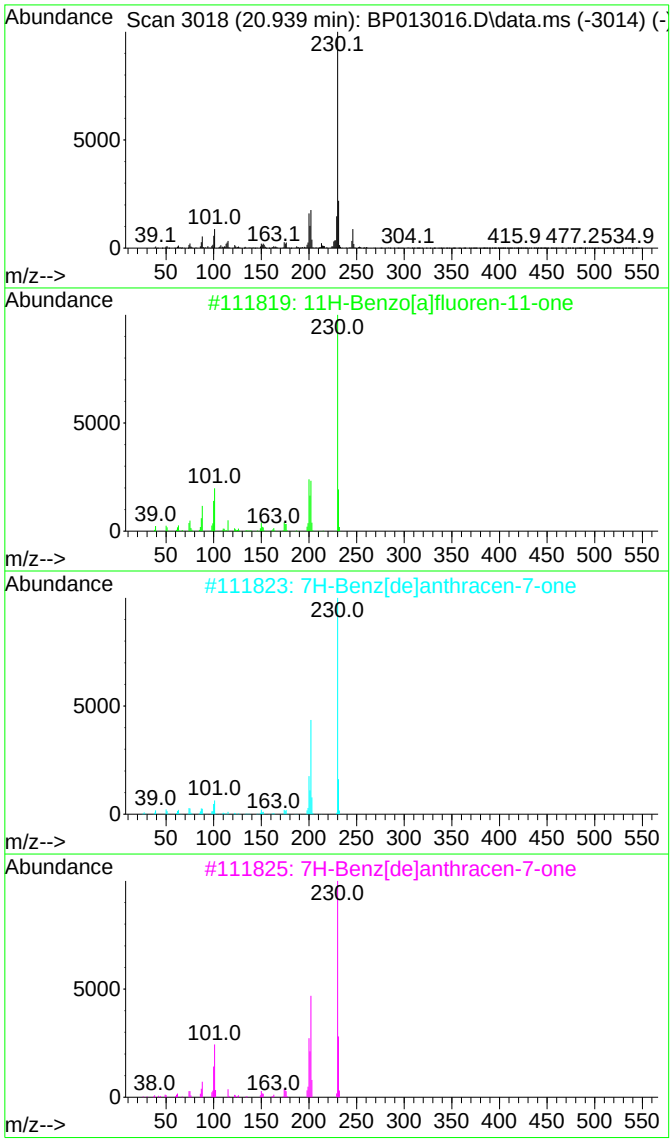
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

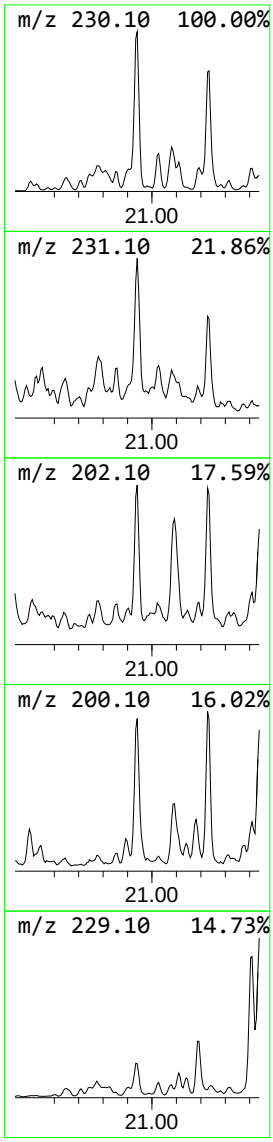
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	2.13 ng/ul	3118230	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 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

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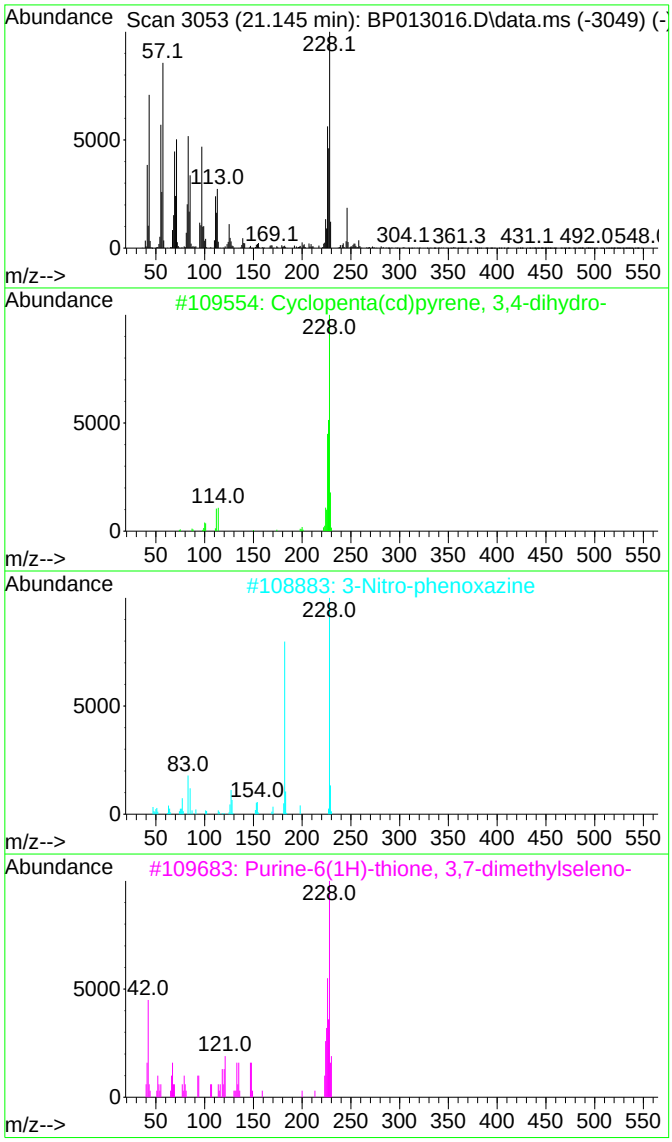
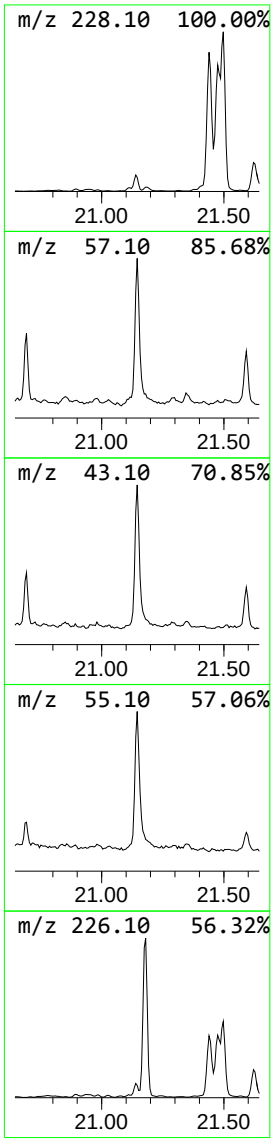
Peak Number 22 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	2.02 ng/ul	2958210	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	38
2	3-Nitro-phenoxazine	228	C12H8N2O3	020464-44-2	25
3	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	16
4	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	16
5	13-Bromotetradecanoic acid	306	C14H27BrO2	1000099-12-8	14





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

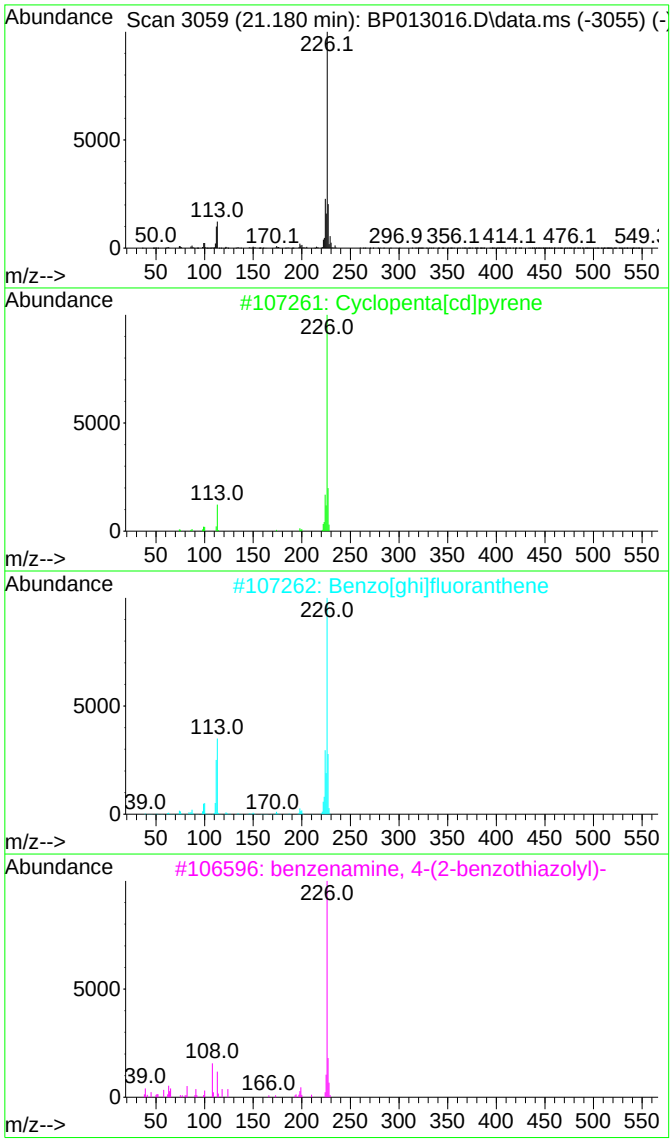
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

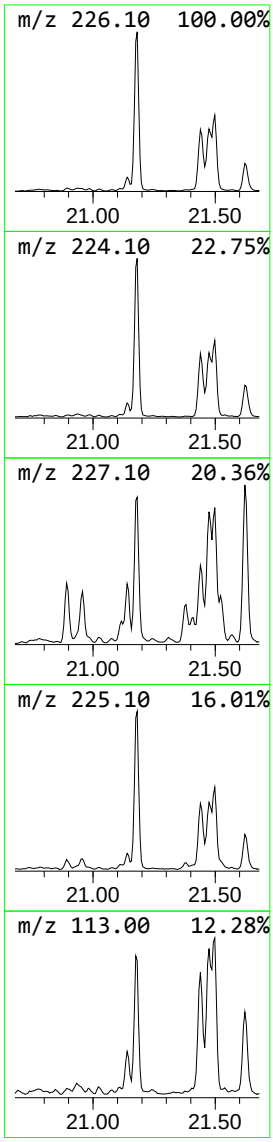
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	3.87 ng/ul	5661810	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	89
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	74
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	64
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53





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Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

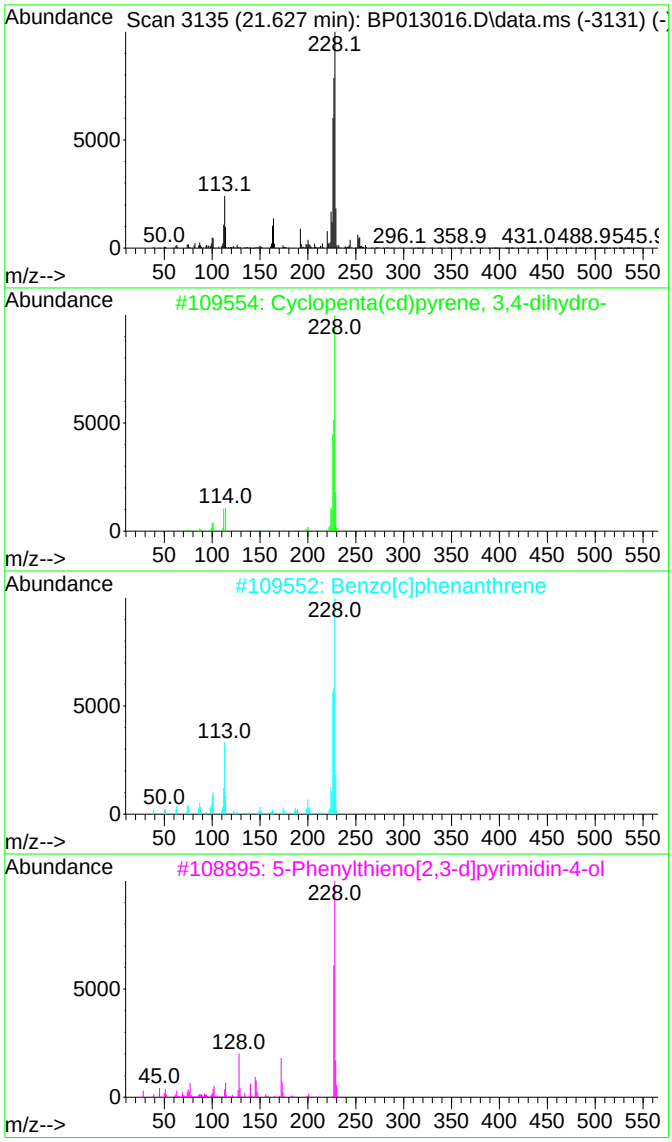
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

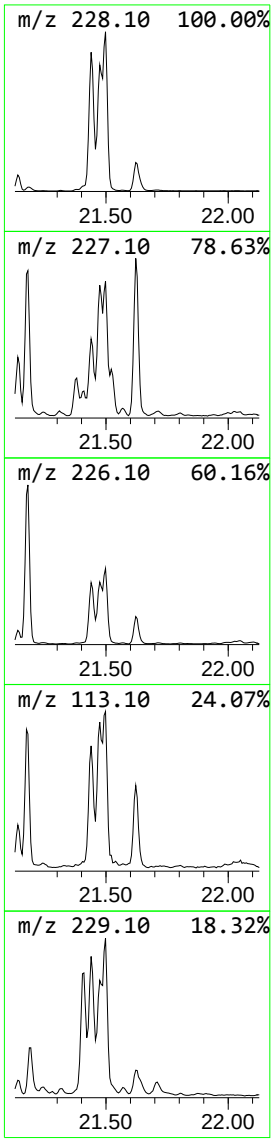
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.627	2.28 ng/ul	3341290	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	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	52
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
5	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	47





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Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 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

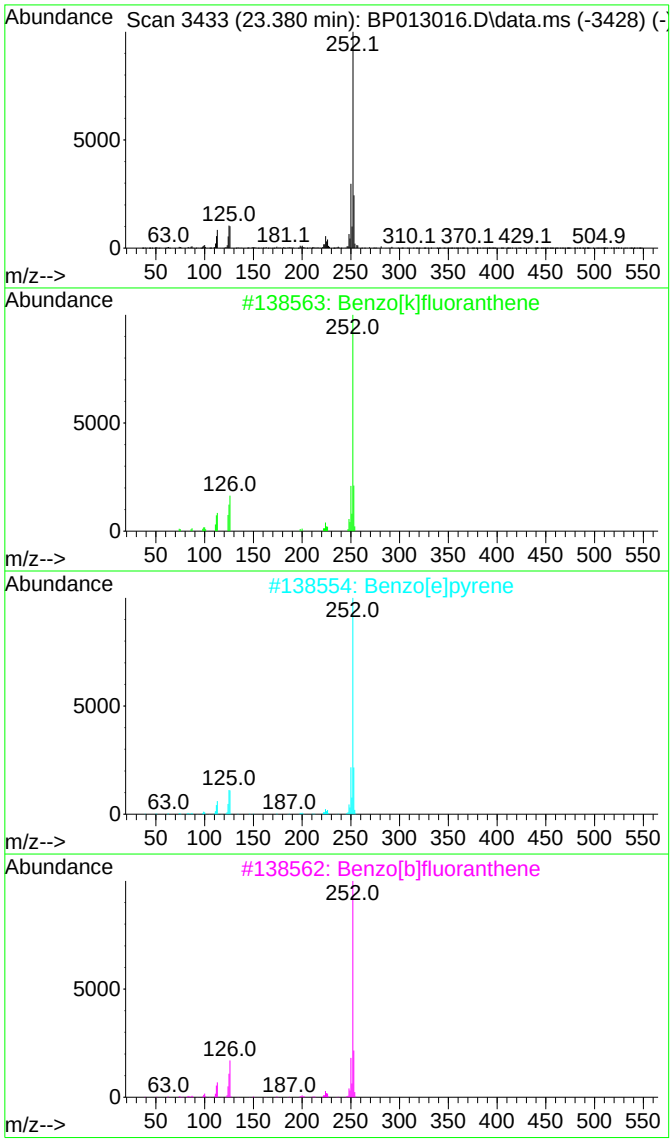
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

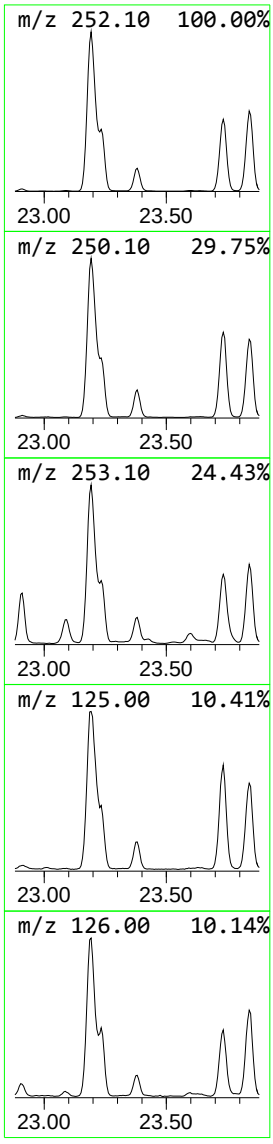
****

Peak Number 25 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.380	7.00 ng/ul	2969440	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[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

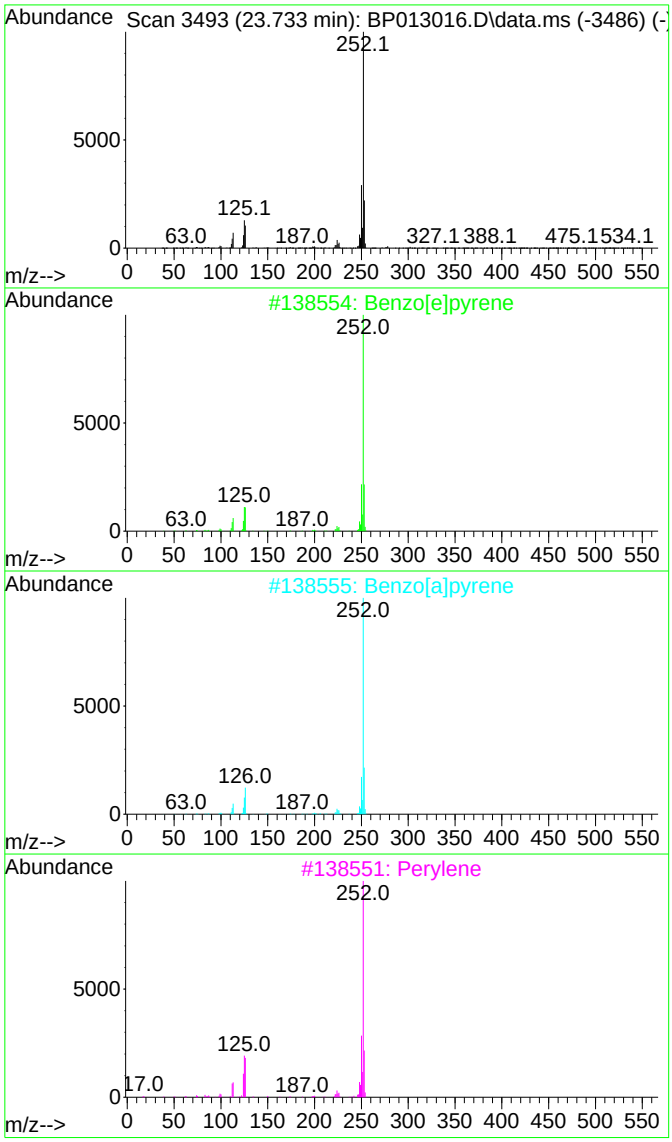
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

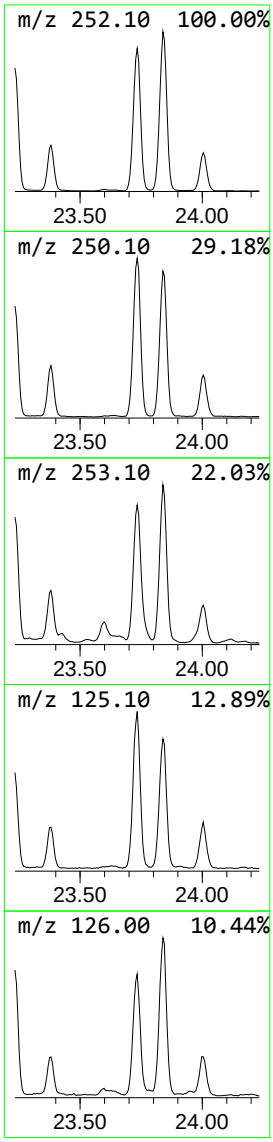
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.733	25.19 ng/ul	10680800	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





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Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

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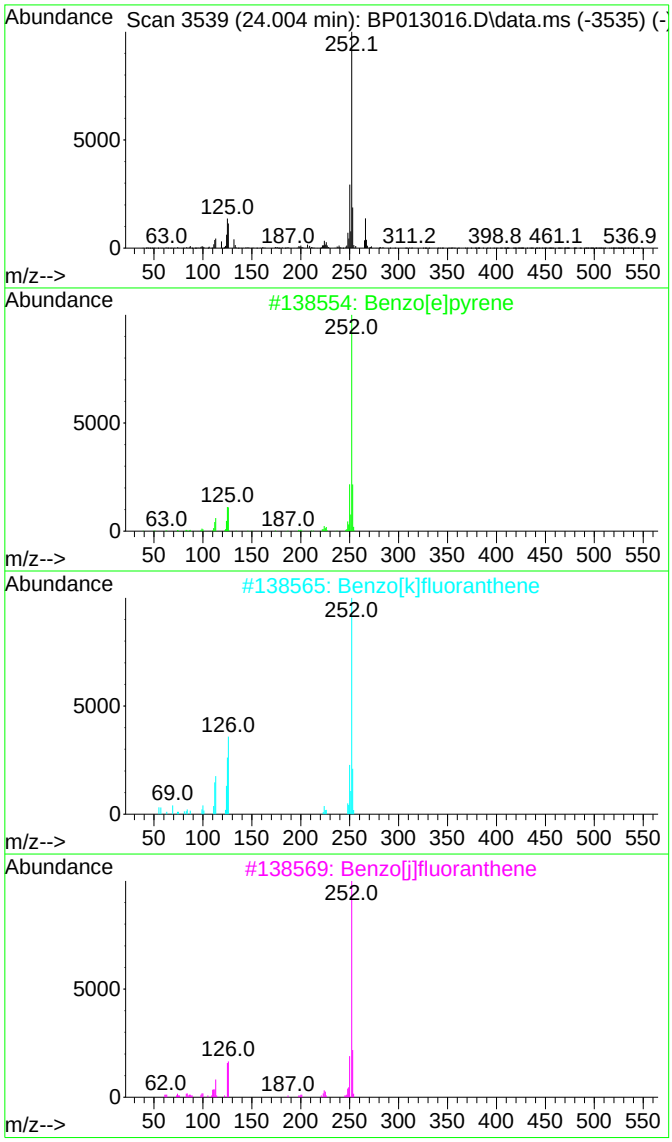
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

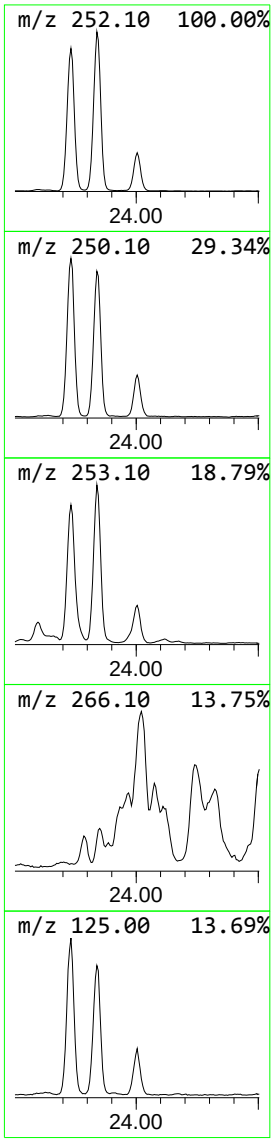
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.004	9.24 ng/ul	3918330	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[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	86
5	Perylene	252	C20H12	000198-55-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013016.D
Acq On : 09 Dec 2022 13:58
Operator : CG/JU
Sample : N5896-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM4

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
Indene	8.516	2.1	ng/ul	350441	1	7.975	3265450	20.0
Benzophenone	15.969	2.6	ng/ul	931590	3	14.610	7141440	20.0
(DEL) Alkane: S...	16.316	2.9	ng/ul	1276050	4	17.369	8906930	20.0
4-Ethoxy-3-meth...	16.339	2.3	ng/ul	1004030	4	17.369	8906930	20.0
(DEL) Alkane: S...	17.116	2.9	ng/ul	1269420	4	17.369	8906930	20.0
(DEL) Alkane: S...	17.169	3.0	ng/ul	1358850	4	17.369	8906930	20.0
Benzo[h]quinoline	17.557	2.2	ng/ul	993638	4	17.369	8906930	20.0
5H-Indeno[1,2-b...	17.769	7.0	ng/ul	3131580	4	17.369	8906930	20.0
(DEL) Alkane: S...	17.851	2.6	ng/ul	1139830	4	17.369	8906930	20.0
1H-Cyclopropa[l...	18.281	2.2	ng/ul	971050	4	17.369	8906930	20.0
Phenanthrene, 2...	18.357	2.1	ng/ul	936349	4	17.369	8906930	20.0
4H-Cyclopenta[d...	18.422	7.0	ng/ul	3096430	4	17.369	8906930	20.0
Tridecane, 1-iodo-	18.522	2.3	ng/ul	1029300	4	17.369	8906930	20.0
9,10-Anthracene...	18.751	6.5	ng/ul	2908070	4	17.369	8906930	20.0
(DEL) Alkane: S...	19.128	2.4	ng/ul	1062040	4	17.369	8906930	20.0
Cyclopenta(def)...	19.257	24.7	ng/ul	10994400	4	17.369	8906930	20.0
9-(Cyanomethyle...	19.963	3.5	ng/ul	5128710	5	21.457	29289700	20.0
Pyrene, 1-methyl-	20.186	5.4	ng/ul	7850020	5	21.457	29289700	20.0
Pyrene, 4-methyl-	20.363	3.1	ng/ul	4617230	5	21.457	29289700	20.0
Pyrene, 2-methyl-	20.498	2.4	ng/ul	3511640	5	21.457	29289700	20.0
11H-Benzo[a]flu...	20.939	2.1	ng/ul	3118230	5	21.457	29289700	20.0
unknown-01	21.145	2.0	ng/ul	2958210	5	21.457	29289700	20.0
Cyclopenta[cd]p...	21.180	3.9	ng/ul	5661810	5	21.457	29289700	20.0
Cyclopenta(cd)p...	21.627	2.3	ng/ul	3341290	5	21.457	29289700	20.0
Benzo[e]pyrene	23.380	7.0	ng/ul	2969440	6	23.951	8480960	20.0
Perylene	23.733	25.2	ng/ul	10680800	6	23.951	8480960	20.0
Benzo[j]fluoran...	24.004	9.2	ng/ul	3918330	6	23.951	8480960	20.0