LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL2DL

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.934	125	127	134	rVB8	7652	7974	0.14%	0.016%
2	4.158	161	165	171	rVB4	9749	17703	0.30%	0.035%
3	7.281	691	696	701	rBV7	9002	23849	0.41%	0.047%
4	7.405	711	717	723	rBV4	11685	25270	0.43%	0.050%
5	7.610	746	752	757	rBV2	18576	39354	0.67%	0.078%
6	8.063	823	829	846	rBV	403571	811469	13.81%	1.615%
7	8.828	954	959	963	rBV8	9027	17224	0.29%	0.034%
8	9.287	1029	1037	1042	rBV3	10773	28785	0.49%	0.057%
9	9.998	1152	1158	1160	rBV6	5929	9817	0.17%	0.020%
10	10.610	1255	1262	1263	rBV5	10286	16964	0.29%	0.034%
11	10.893	1300	1310	1330	rBV	462142	1120412	19.07%	2.231%
12	12.587	1591	1598	1606	rBV6	7752	21656	0.37%	0.043%
13	12.787	1625	1632	1639	rBV3	12119	27645	0.47%	0.055%
14	13.598	1762	1770	1776	rVV3	11774	23982	0.41%	0.048%
15	13.910	1820	1823	1832	rVB10	7287	16438	0.28%	0.033%
16	14.039	1838	1845	1851	rBV3	17856	38524	0.66%	0.077%
17	14.098	1851	1855	1856	rVV4	10096	14594	0.25%	0.029%
18	14.134	1856	1861	1873	rVB	53003	107699	1.83%	0.214%
19	14.275	1881	1885	1889	rBV7	7356	13630	0.23%	0.027%
20	14.410	1902	1908	1913	rBV	72133	134608	2.29%	0.268%
21	14.716	1952	1960	1967	rVV	806688	1333872	22.70%	2.655%
22	14.781	1967	1971	1985	rVB	119697	206374	3.51%	0.411%
23	15.028	2008	2013	2017	rBV5	8344	13228	0.23%	0.026%
24	15.128	2023	2030	2037	rBV2	34933	71669	1.22%	0.143%
25	15.192	2038	2041	2051	rVB	14659	26400	0.45%	0.053%
26	15.334	2060	2065	2069	rBV6	11831	19078	0.32%	0.038%
27	15.386	2071	2074	2079	rVV4	6726	8793	0.15%	0.018%
28	15.504	2089	2094	2098	rBV8	7115	13721	0.23%	0.027%
29	15.545	2098	2101	2105	rVB6	6520	8774	0.15%	0.017%
30	15.639	2114	2117	2123	rBV7	4710	8125	0.14%	0.016%
31	15.716	2123	2130	2135	rVV2	94314	160863	2.74%	0.320%
32	15.775	2135	2140	2149	rVV	84855	166949	2.84%	0.332%
33	15.863	2152	2155	2156	rVV3	10902	12076	0.21%	0.024%
34	15.892	2157	2160	2164	rVV3	24411	40939	0.70%	0.082%
35	15.928	2164	2166	2172	rVV2	24126	36177	0.62%	0.072%
36	15.975	2172	2174	2178	rVV5	8959	14246	0.24%	0.028%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL2DL

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	16.022	2179	2182	2185	rVV4	9614	16159	0.28%	0.032%
38	16.069	2185	2190	2200	rVB3	33116	80779	1.37%	0.161%
39	16.210	2210	2214	2223	rBV	27153	58726	1.00%	0.117%
40	16.304	2226	2230	2236	rVB3	11445	19330	0.33%	0.038%
41	16.410	2243	2248	2252	rBV5	17845	32619	0.56%	0.065%
42	16.639	2285	2287	2292	rBV5	6061	7346	0.13%	0.015%
43	16.751	2299	2306	2307	rBV5	21174	36010	0.61%	0.072%
44	16.775	2307	2310	2314	rVV3	32004	49759	0.85%	0.099%
45	16.822	2315	2318	2322	rVB4	15730	23333	0.40%	0.046%
46	16.998	2340	2348	2351	rBV5	28612	60144	1.02%	0.120%
47	17.039	2352	2355	2359	rVB5	25419	33322	0.57%	0.066%
48	17.139	2366	2372	2378	rBV	87768	146881	2.50%	0.292%
49	17.198	2378	2382	2394	rVV5	32867	83518	1.42%	0.166%
50	17.292	2394	2398	2405	rVB	74015	109618	1.87%	0.218%
51	17.475	2423	2429	2432	rBV	1110589	1576342	26.83%	3.138%
52	17.516	2432	2436	2443	rVV	1694675	2463863	41.93%	4.905%
53	17.580	2443	2447	2449	rVV	124151	207936	3.54%	0.414%
54	17.610	2449	2452	2461	rVB	343177	526079	8.95%	1.047%
55	17.886	2491	2499	2512	rBV2	247049	543741	9.25%	1.082%
56	17.986	2512	2516	2518	rBV	35605	43550	0.74%	0.087%
57	18.063	2525	2529	2535	rVB4	31679	59068	1.01%	0.118%
58	18.275	2562	2565	2568	rBV2	17425	23329	0.40%	0.046%
59	18.333	2570	2575	2579	rVV	259205	368902	6.28%	0.734%
60	18.380	2579	2583	2592	rVB	301653	440431	7.50%	0.877%
61	18.463	2593	2597	2602	rVV	112544	155023	2.64%	0.309%
62	18.522	2602	2607	2611	rVV3	318040	560287	9.54%	1.115%
63	18.557	2611	2613	2619	rVB	145935	177674	3.02%	0.354%
64	18.627	2622	2625	2629	rVB	32001	41647	0.71%	0.083%
65	18.675	2630	2633	2636	rBV3	40414	49221	0.84%	0.098%
66	18.816	2652	2657	2662	rBV	167872	243914	4.15%	0.486%
67	18.869	2662	2666	2673	rVB	160577	230932	3.93%	0.460%
68	19.051	2694	2697	2701	rVB4	54678	64834	1.10%	0.129%
69	19.098	2703	2705	2708	rVB	60894	55350	0.94%	0.110%
70	19.139	2708	2712	2716	rVB	55299	71903	1.22%	0.143%
71	19.216	2720	2725	2729	rBV	147381	234793	4.00%	0.467%
72	19.369	2747	2751	2757	rVB	202569	302966	5.16%	0.603%
73	19.474	2763	2769	2776	rBV	3987260	5268609	89.67%	10.489%
74	19.574	2781	2786	2791	rVB3	81723	149840	2.55%	0.298%
75	19.798	2819	2824	2826	rBV2	753044	1150521	19.58%	2.290%
76	19.827	2826	2829	2836	rVV	3041962	4091643	69.64%	8.146%

LSC Area Percent Report

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Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

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-BP062623.MA.M
Title : SVOA CALIBRATION

77	19.892	2837	2840	2846	rVB	168155	240926	4.10%	0.480%
78	20.004	2855	2859	2864	rVB	189154	232901	3.96%	0.464%
79	20.074	2867	2871	2875	rVB	164179	246377	4.19%	0.490%
80	20.139	2877	2882	2889	rBV4	230427	557168	9.48%	1.109%
81	20.204	2890	2893	2899	rVV	110751	171402	2.92%	0.341%
82	20.274	2900	2905	2908	rVV5	215399	435777	7.42%	0.868%
83	20.310	2908	2911	2915	rVB	355779	472374	8.04%	0.940%
84	20.404	2924	2927	2930	rBV	176718	200241	3.41%	0.399%
85	20.463	2931	2937	2940	rBV3	278990	504130	8.58%	1.004%
86	20.604	2957	2961	2964	rBV2	182974	240603	4.09%	0.479%
87	20.645	2965	2968	2972	rVV	157554	185977	3.17%	0.370%
88	21.045	3032	3036	3041	rBV	597124	778088	13.24%	1.549%
89	21.204	3059	3063	3066	rBV2	458715	682393	11.61%	1.359%
90	21.239	3066	3069	3073	rVV	337806	410482	6.99%	0.817%
91	21.286	3073	3077	3081	rVV2	320731	550405	9.37%	1.096%
92	21.339	3083	3086	3094	rVB	545811	716959	12.20%	1.427%
93	21.551	3113	3122	3127	rBV3	2546673	5875673	100.00%	11.697%
94	21.604	3127	3131	3140	rVB	1759894	2625535	44.68%	5.227%
95	21.727	3149	3152	3156	rBV	238822	312256	5.31%	0.622%
96	21.910	3179	3183	3188	rVB3	364553	533257	9.08%	1.062%
97	23.333	3418	3425	3430	rBV	1575816	3972384	67.61%	7.908%
98	23.886	3513	3519	3524	rBV	811496	1575229	26.81%	3.136%
99	23.998	3532	3538	3547	rVB	1198099	2465368	41.96%	4.908%
100	24.110	3552	3557	3563	rBV	882167	1726343	29.38%	3.437%

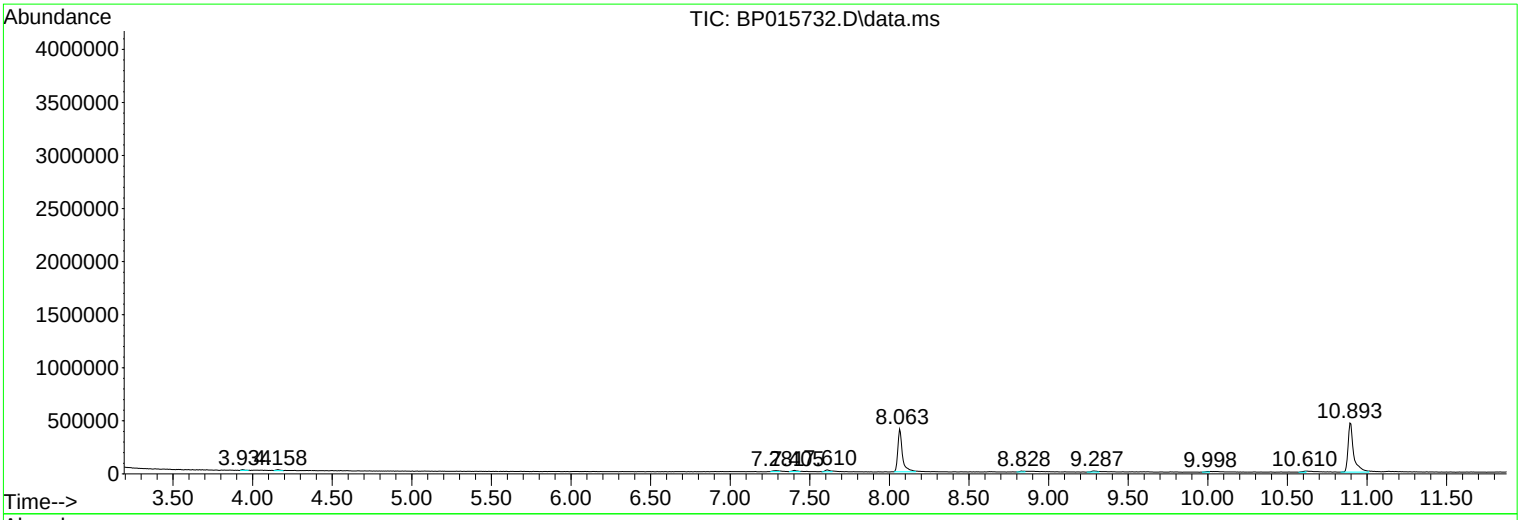
Sum of corrected areas: 50231071

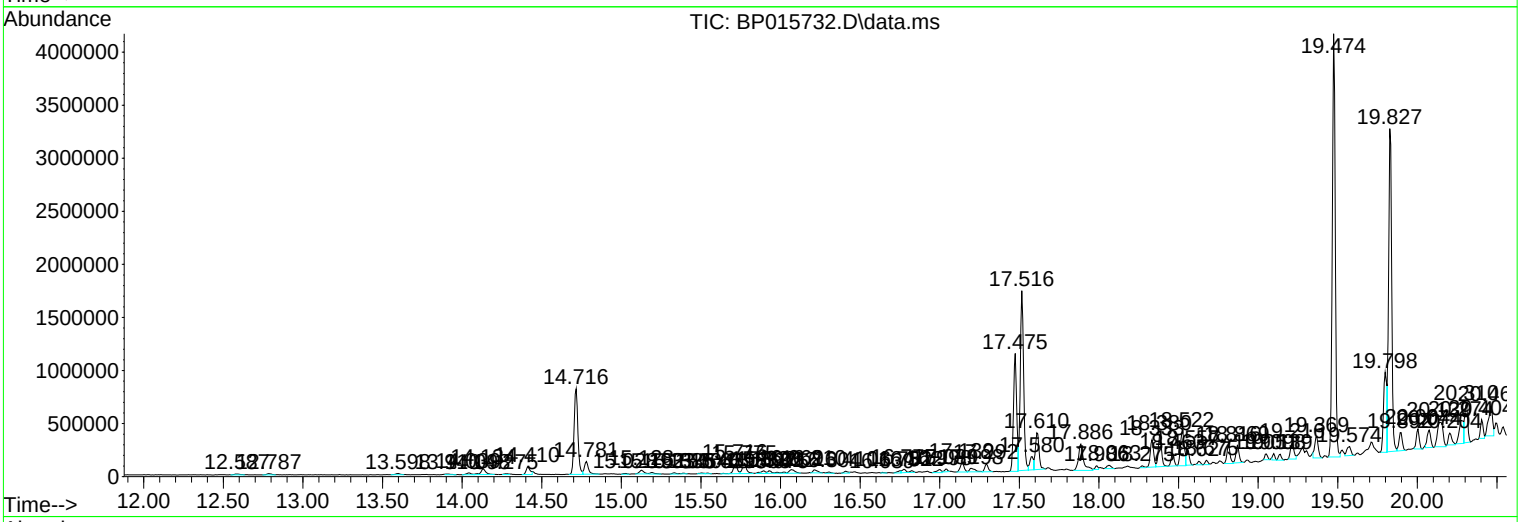
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

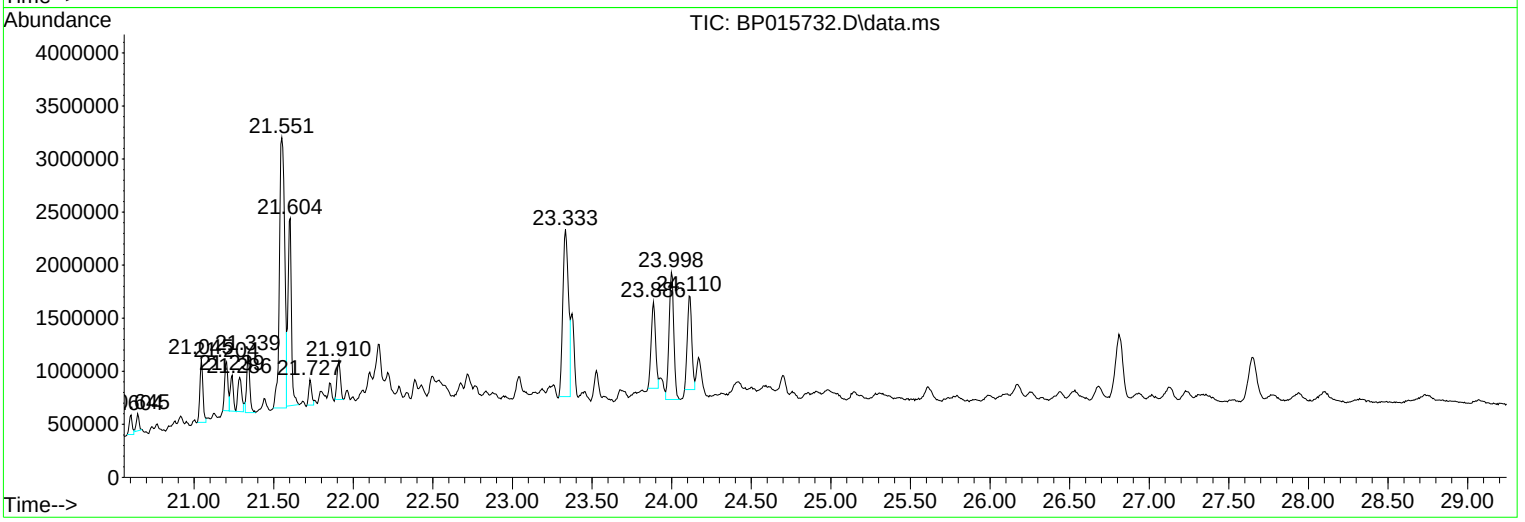
Instrument :
BNA_P
ClientSampleId :
DCFL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

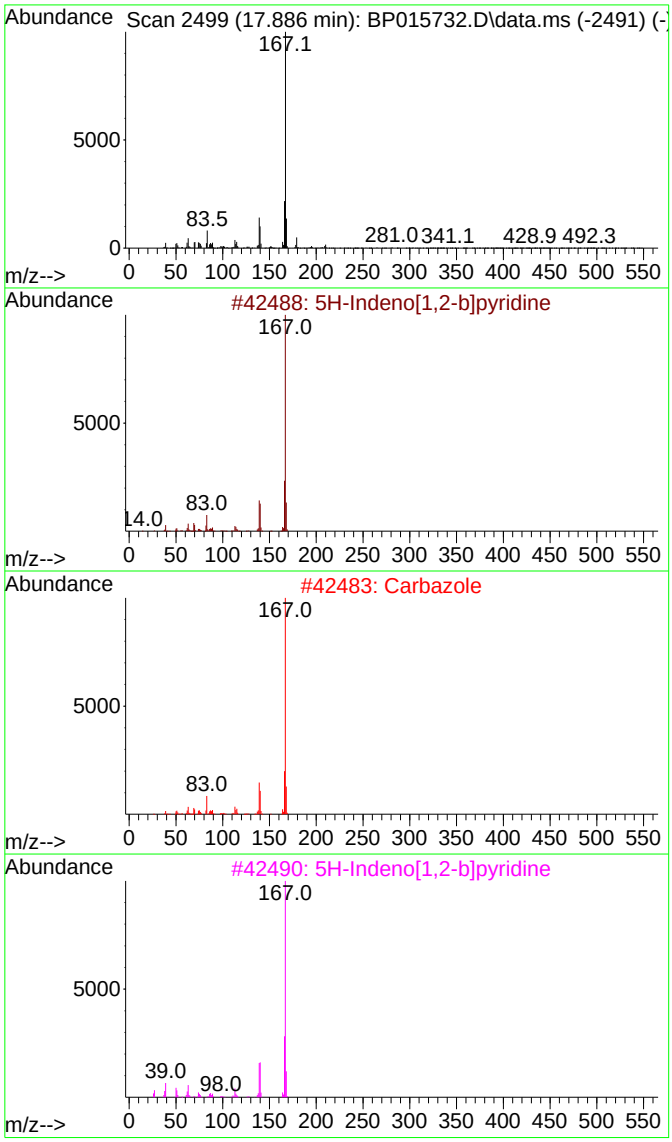
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

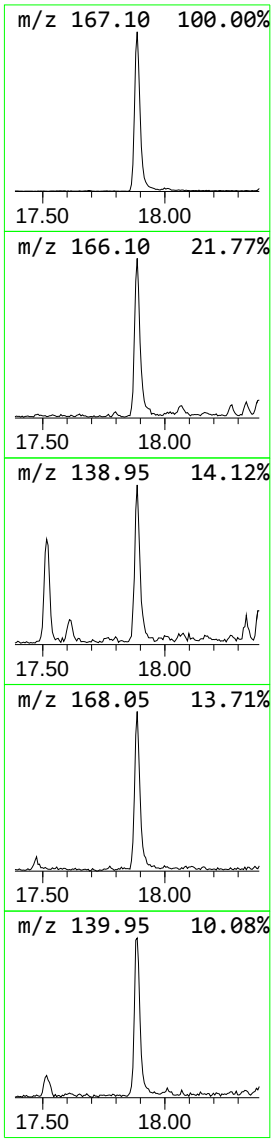
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	6.90 ng/ul	543741	Phenanthrene-d10	17.475

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	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

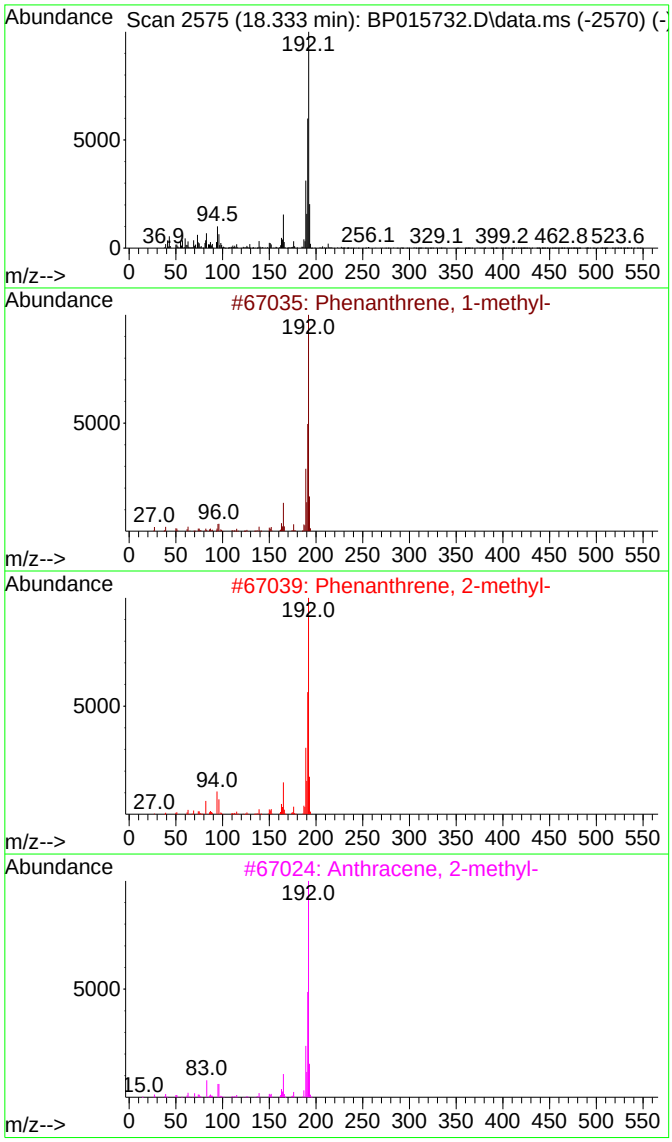
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

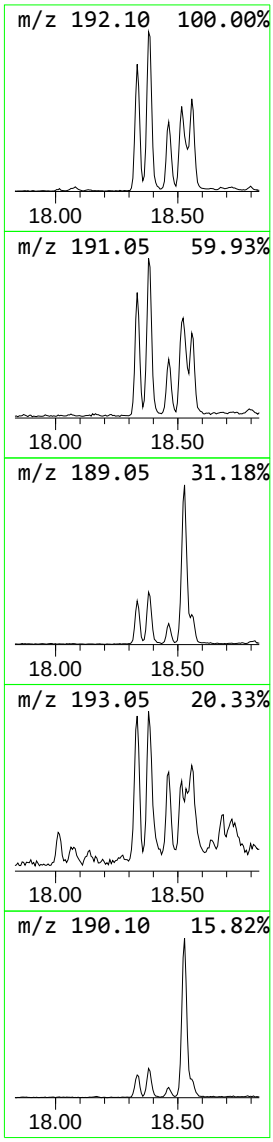
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	4.68 ng/ul	368902	Phenanthrene-d10	17.475

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

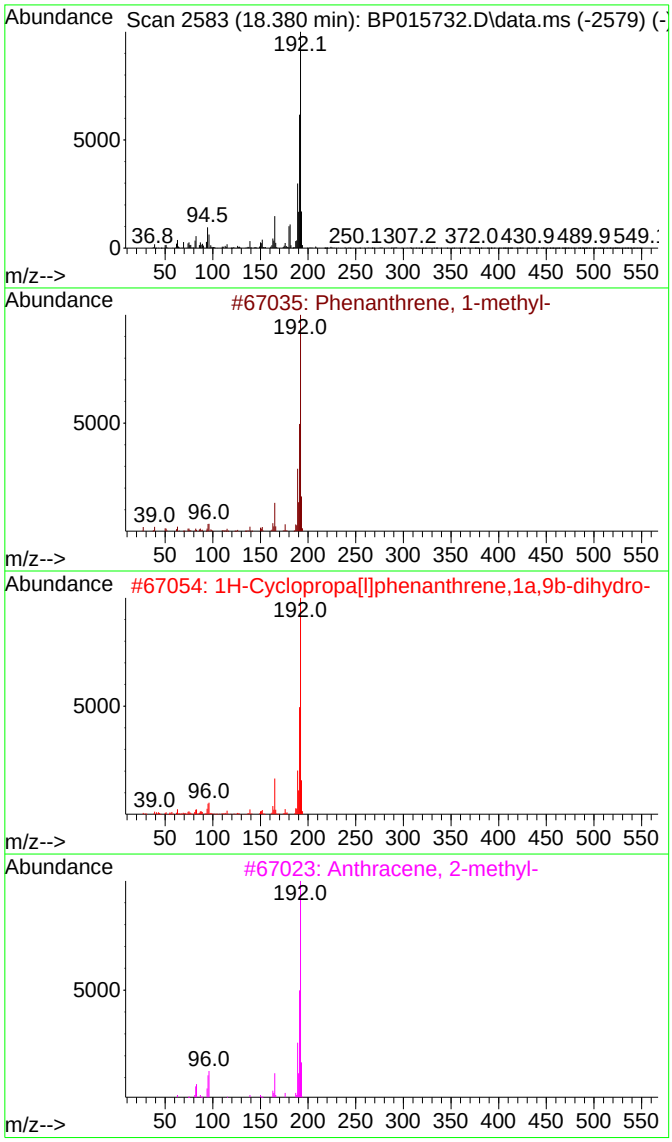
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

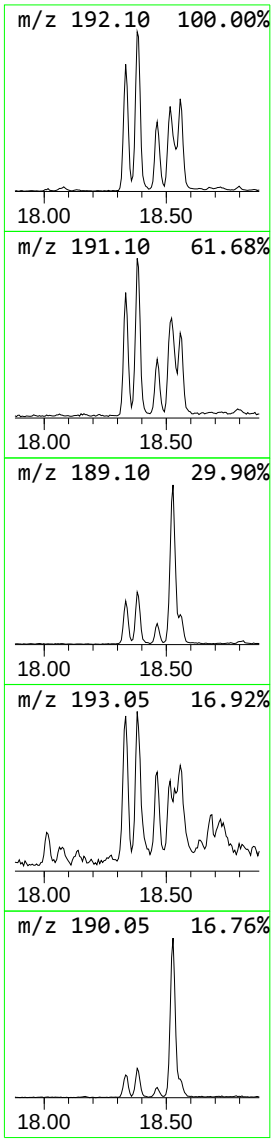
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	5.59 ng/ul	440431	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

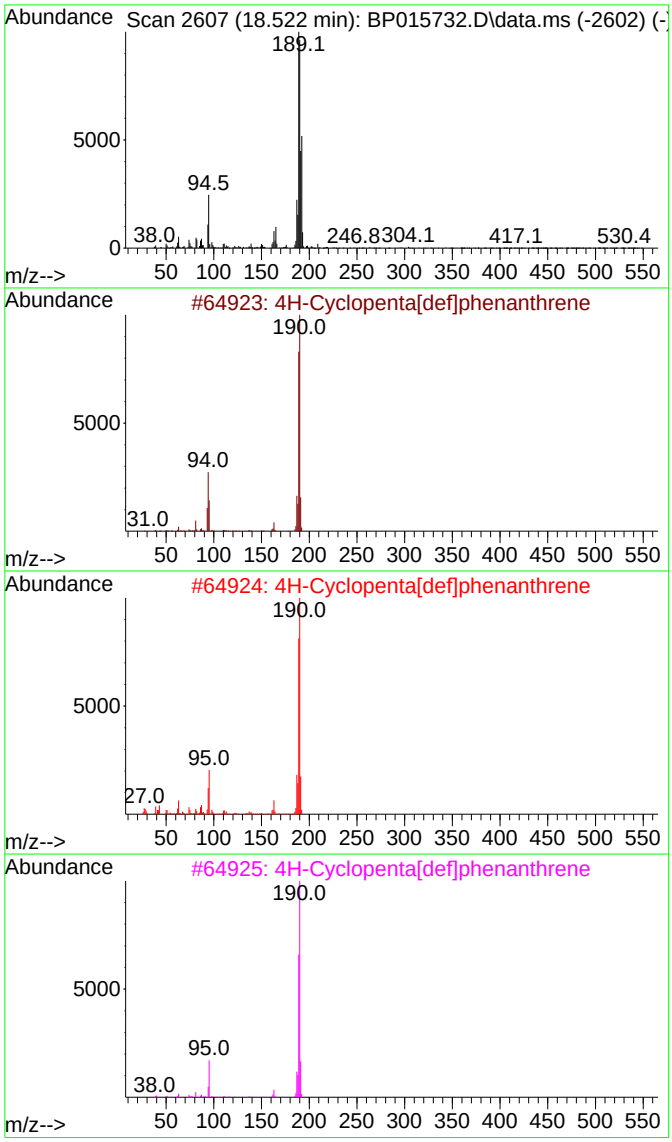
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

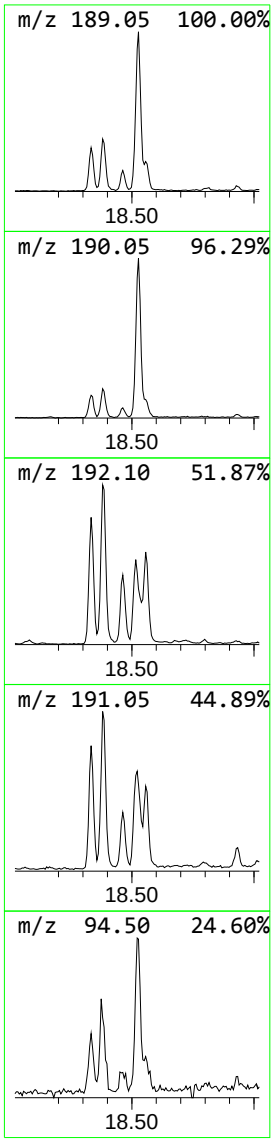
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	7.11 ng/ul	560287	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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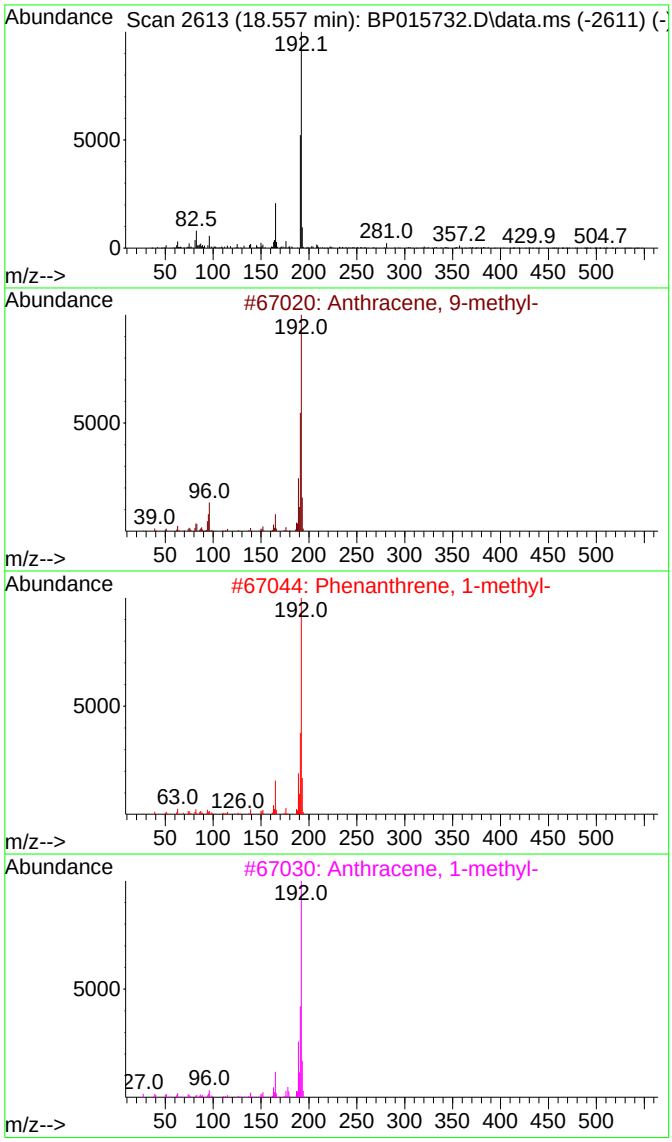
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

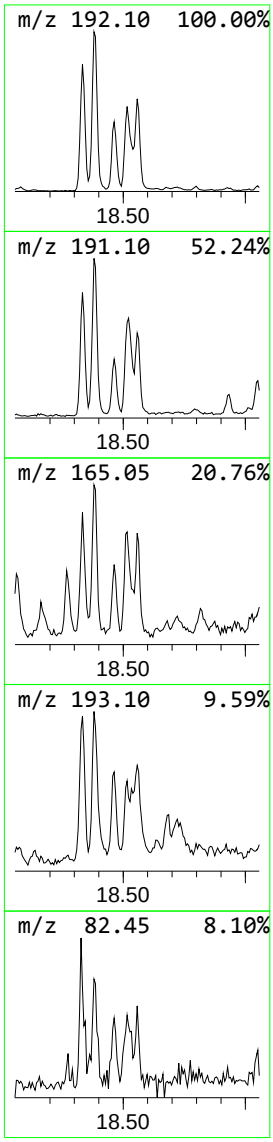
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	2.25 ng/ul	177674	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72





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Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

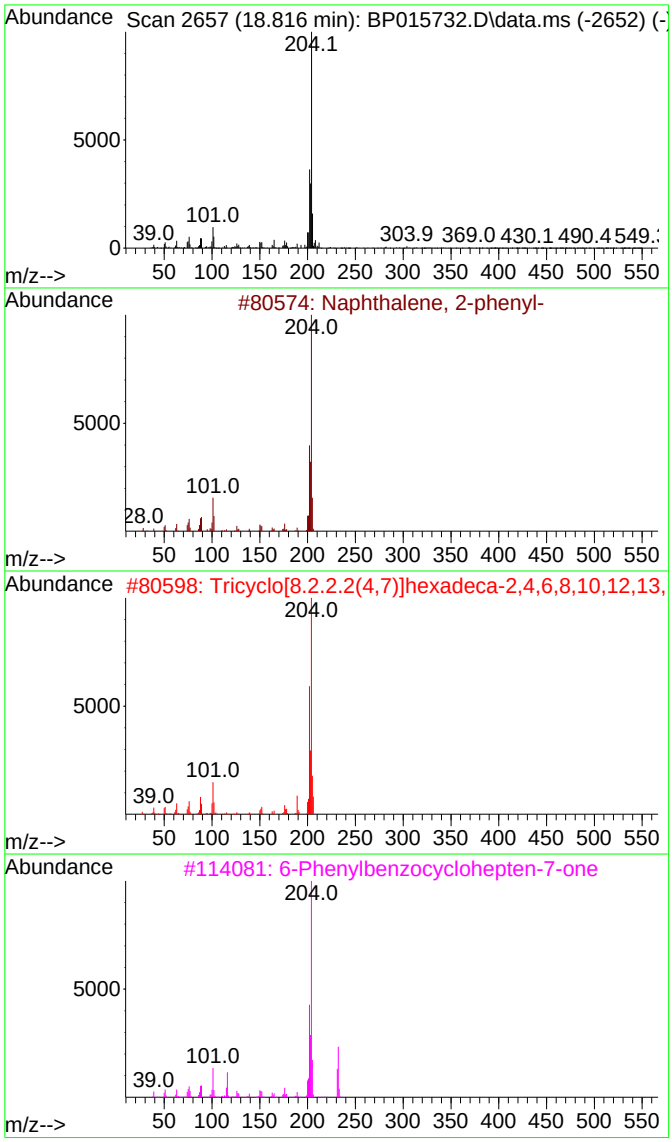
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

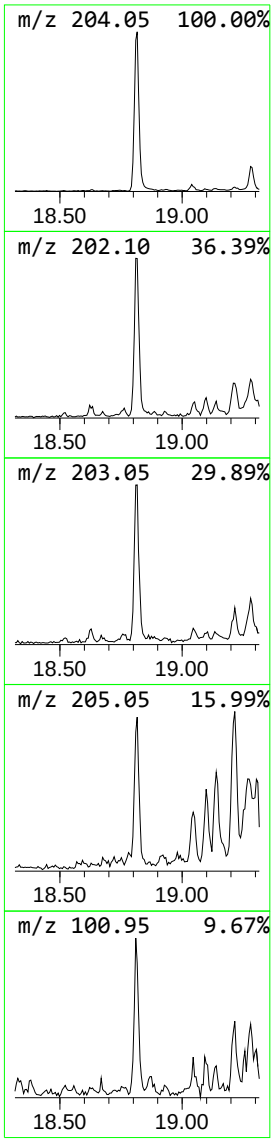
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	3.09 ng/ul	243914	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

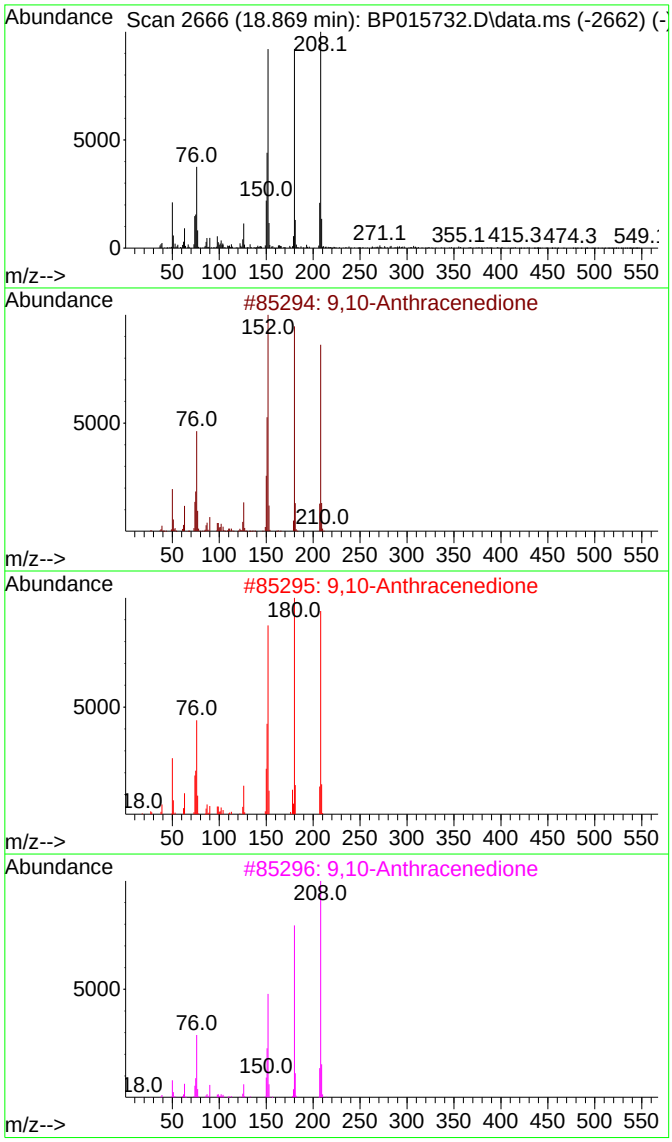
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

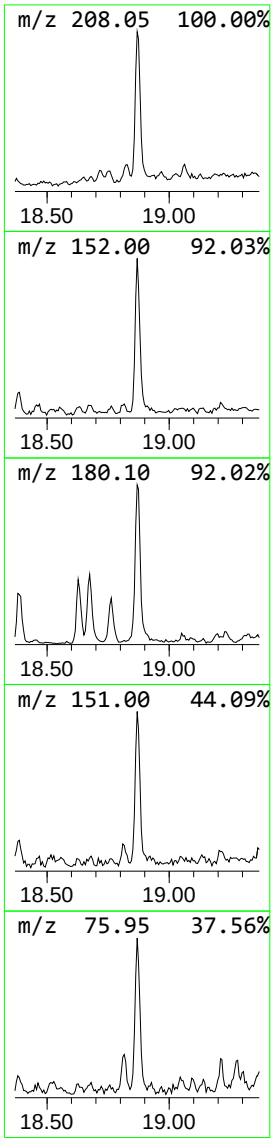
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.93 ng/ul	230932	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

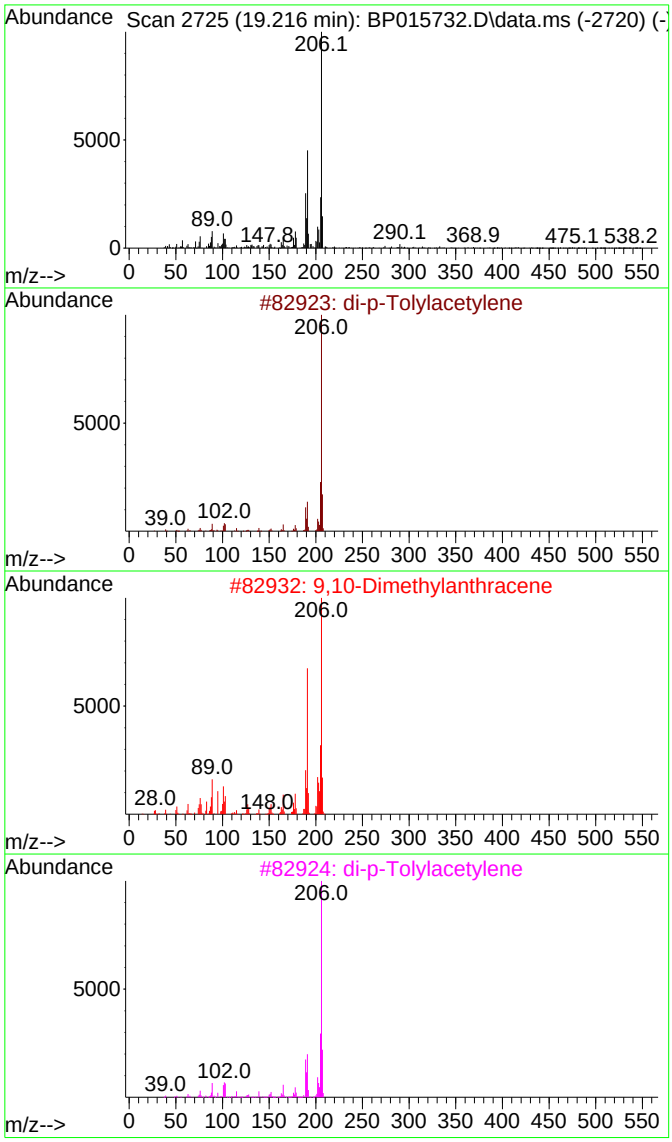
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

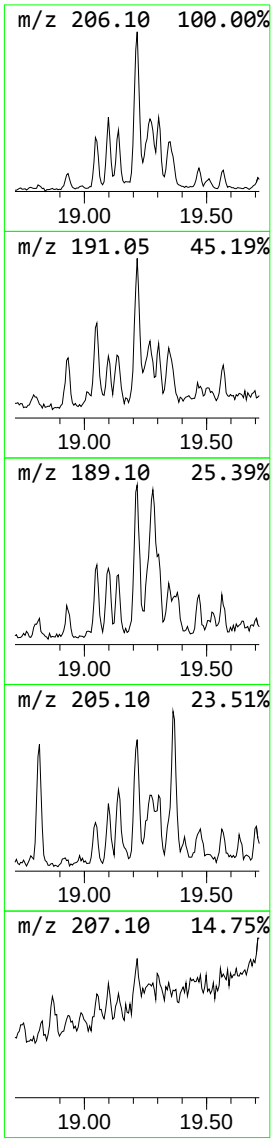
****

Peak Number 8 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	2.98 ng/ul	234793	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

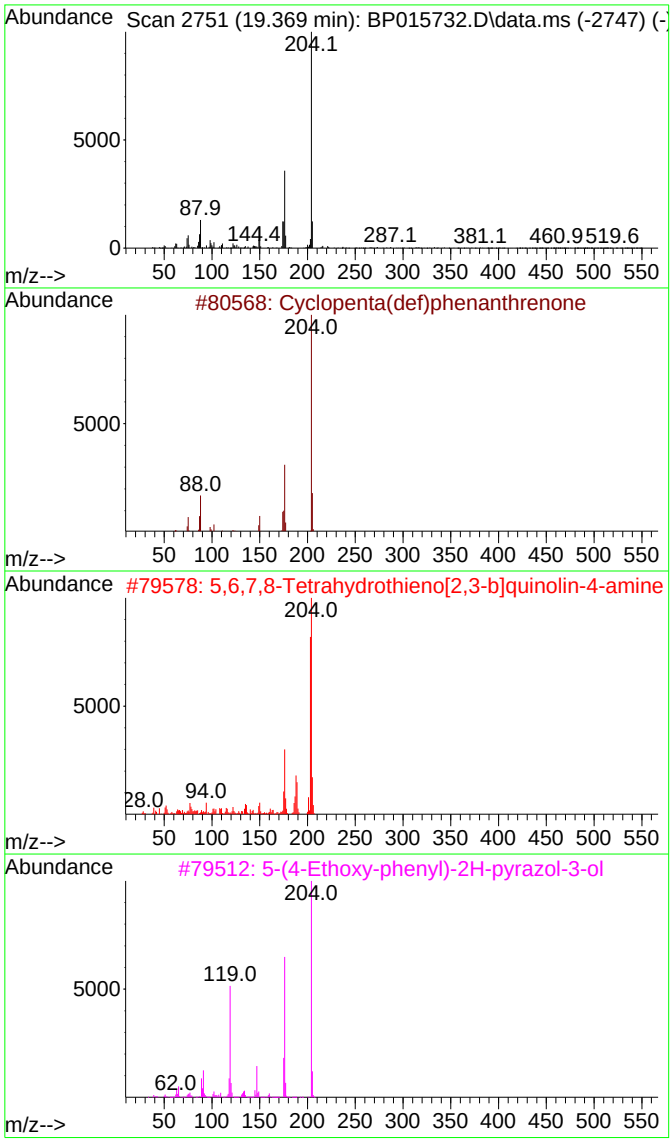
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

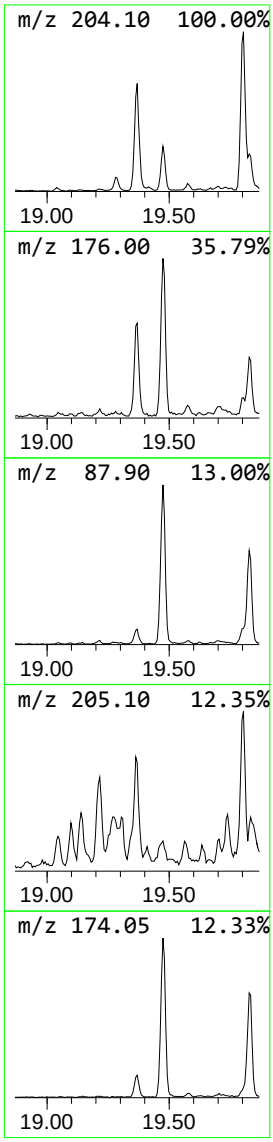
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	3.84 ng/ul	302966	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
4	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	42





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Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

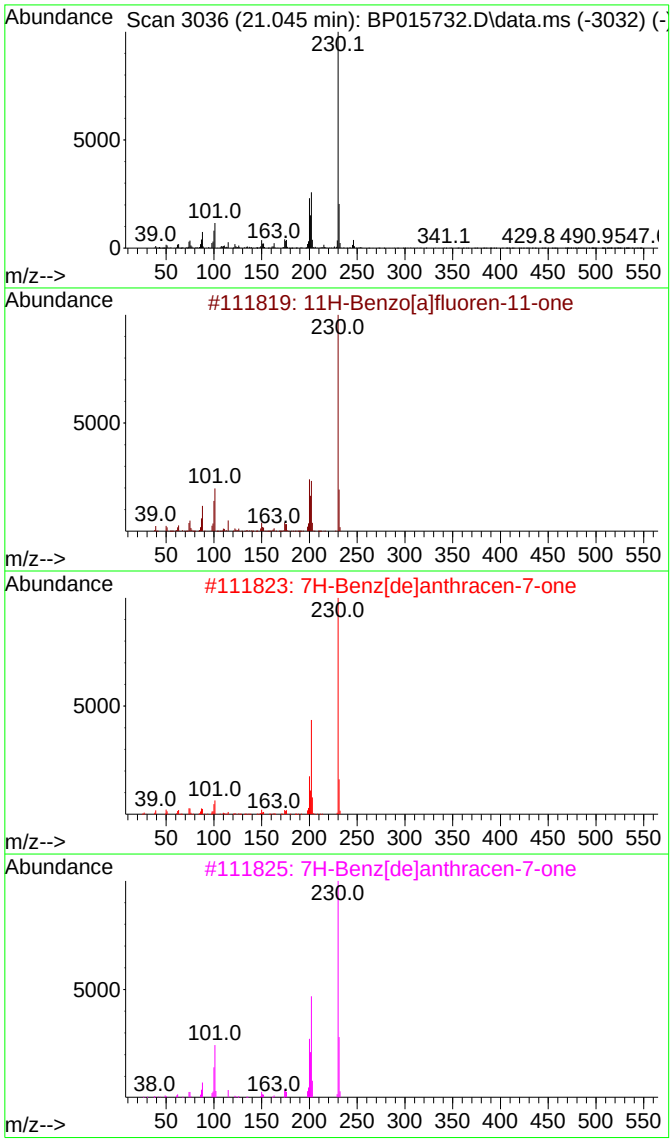
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

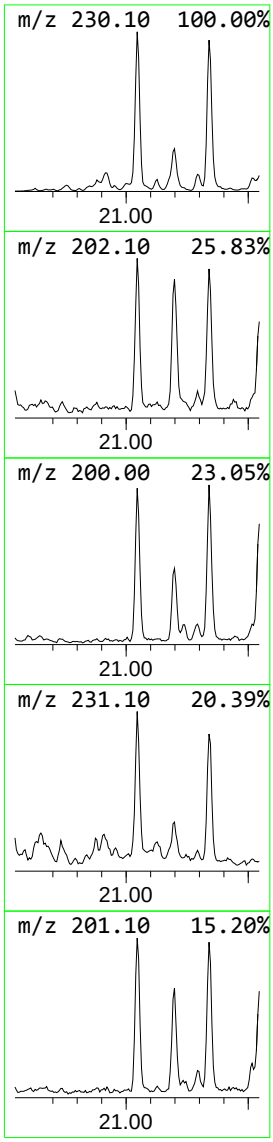
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.65 ng/ul	778088	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

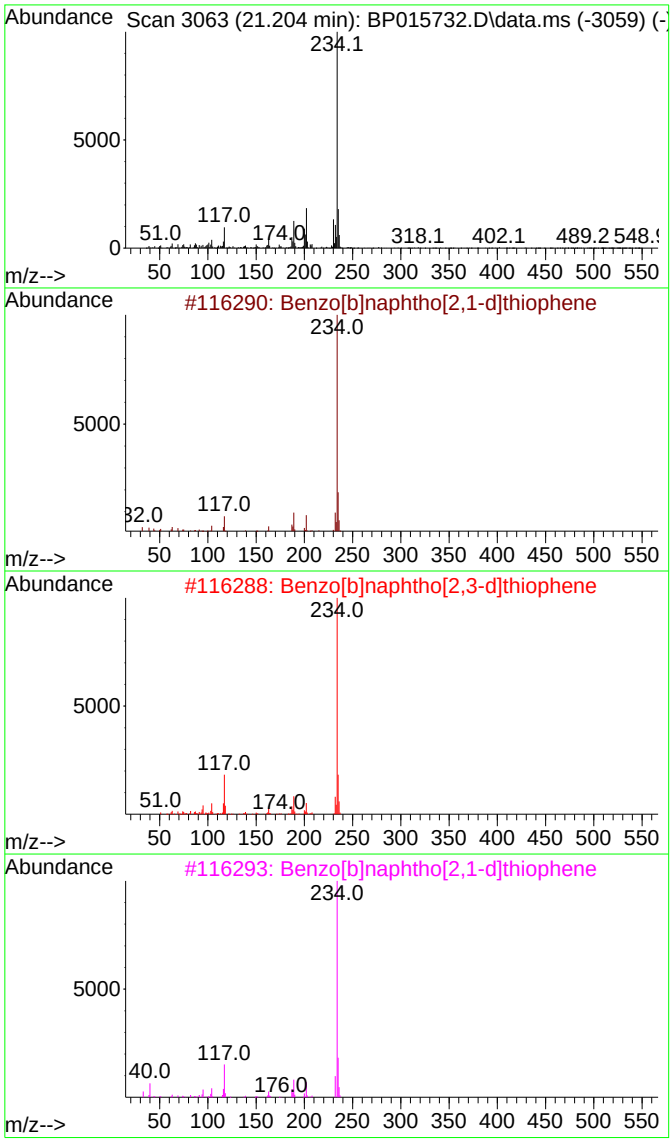
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

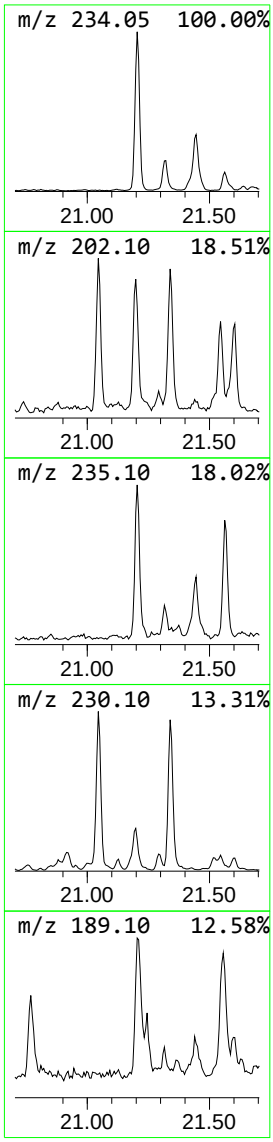
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	2.32 ng/ul	682393	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76





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Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

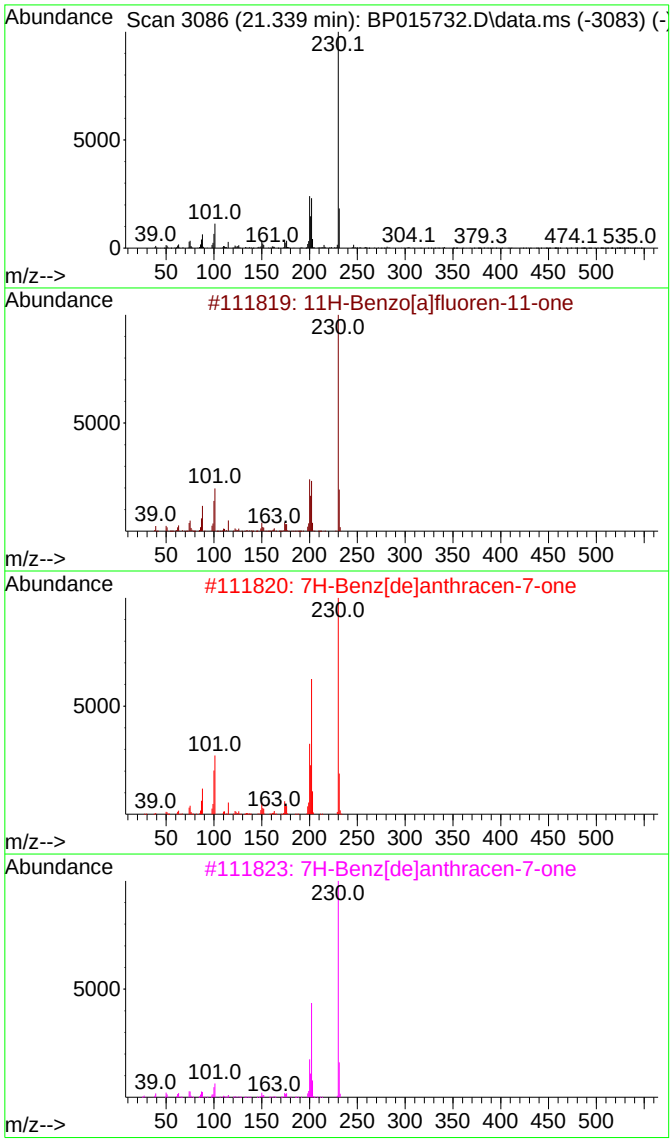
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

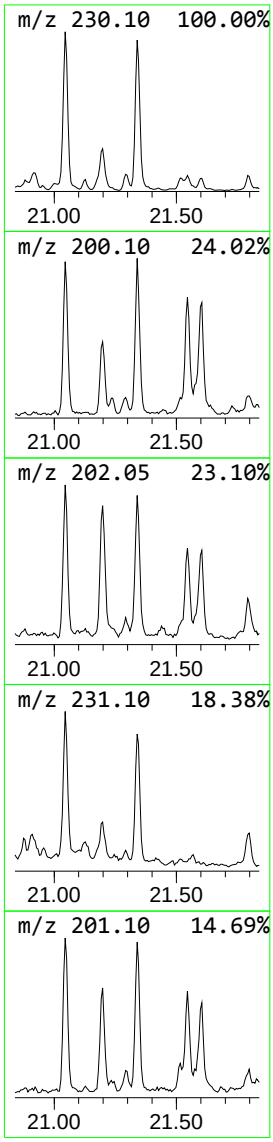
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.44 ng/ul	716959	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL2DL

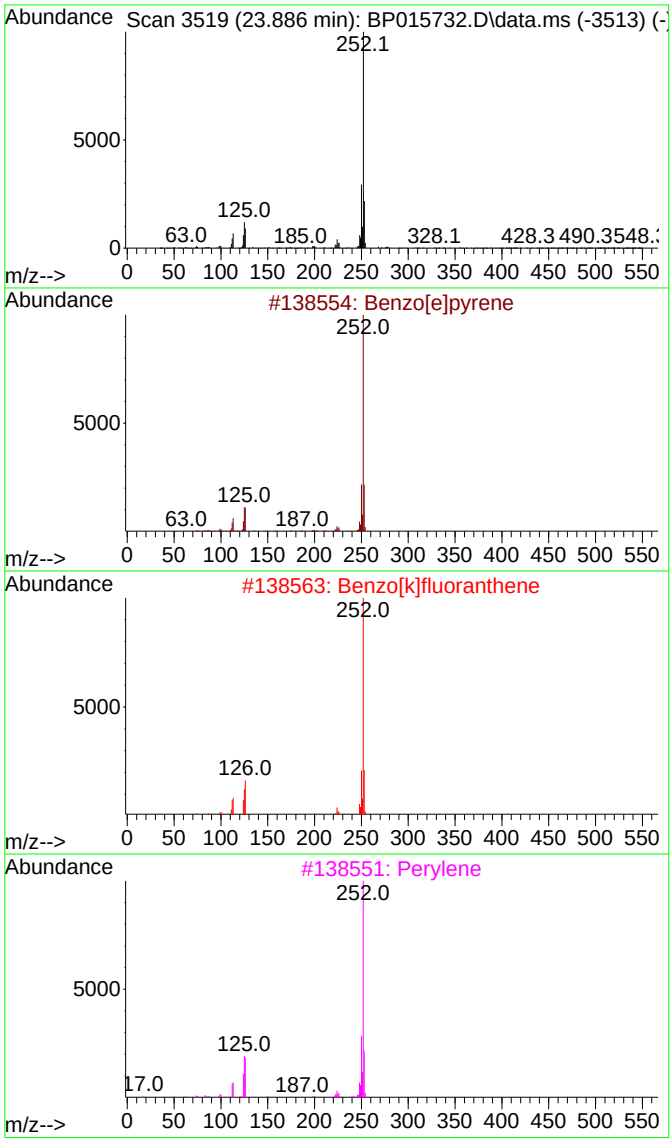
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

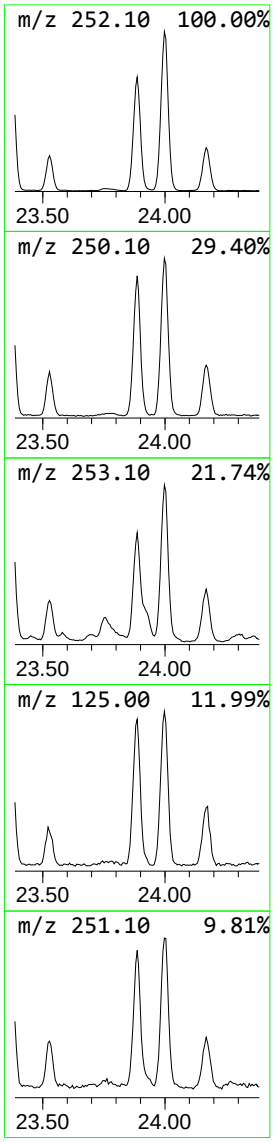
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	18.25 ng/ul	1575230	Perylene-d12	24.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

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Data File : BP015732.D
Acq On : 27 Jun 2023 01:13
Operator : MA/JU
Sample : 03083-14DL 10X
Misc :
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BNA_P
ClientSampleId :
DCFL2DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.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
5H-Indeno[1,2-b...	17.886	6.9	ng/ul	543741	4	17.475	1576340	20.0
Phenanthrene, 1...	18.333	4.7	ng/ul	368902	4	17.475	1576340	20.0
1H-Cyclopropa[l...	18.380	5.6	ng/ul	440431	4	17.475	1576340	20.0
4H-Cyclopenta[d...	18.522	7.1	ng/ul	560287	4	17.475	1576340	20.0
Anthracene, 9-m...	18.557	2.3	ng/ul	177674	4	17.475	1576340	20.0
Naphthalene, 2-...	18.816	3.1	ng/ul	243914	4	17.475	1576340	20.0
9,10-Anthracene...	18.869	2.9	ng/ul	230932	4	17.475	1576340	20.0
di-p-Tolylacety...	19.216	3.0	ng/ul	234793	4	17.475	1576340	20.0
Cyclopenta(def)...	19.369	3.8	ng/ul	302966	4	17.475	1576340	20.0
11H-Benzo[a]flu...	21.045	2.6	ng/ul	778088	5	21.563	5875670	20.0
Benzo[b]naphtho...	21.204	2.3	ng/ul	682393	5	21.563	5875670	20.0
7H-Benz[de]anth...	21.339	2.4	ng/ul	716959	5	21.563	5875670	20.0
Benzo[e]pyrene	23.886	18.3	ng/ul	1575230	6	24.110	1726340	20.0