LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL1DL

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: BP015731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.275	687	695	703	rBV3	17155	60015	0.62%	0.068%
2	7.398	710	716	725	rBV	20503	41907	0.43%	0.048%
3	7.604	745	751	759	rBV	28977	65335	0.67%	0.074%
4	8.063	820	829	855	rBV	559722	1088556	11.19%	1.239%
5	8.822	952	958	962	rBV3	19190	42118	0.43%	0.048%
6	9.275	1027	1035	1045	rBV	20645	60518	0.62%	0.069%
7	9.992	1151	1157	1165	rBV10	15247	46043	0.47%	0.052%
8	10.592	1253	1259	1260	rBV4	19016	30265	0.31%	0.034%
9	10.892	1301	1310	1331	rBV	726953	1683746	17.30%	1.917%
10	12.569	1588	1595	1605	rBV	38929	94905	0.98%	0.108%
11	12.775	1625	1630	1642	rVB	40841	81312	0.84%	0.093%
12	13.898	1814	1821	1831	rBV5	20838	58117	0.60%	0.066%
13	14.039	1837	1845	1850	rBV	39710	82334	0.85%	0.094%
14	14.092	1850	1854	1856	rVV2	25254	42187	0.43%	0.048%
15	14.128	1856	1860	1872	rVB	99129	181139	1.86%	0.206%
16	14.275	1880	1885	1889	rBV4	19030	37595	0.39%	0.043%
17	14.410	1902	1908	1923	rBV2	118164	241510	2.48%	0.275%
18	14.716	1944	1960	1966	rBV	1307859	2087305	21.45%	2.376%
19	14.780	1966	1971	1980	rVV	365113	584936	6.01%	0.666%
20	15.022	2006	2012	2018	rBV3	18032	41313	0.42%	0.047%
21	15.122	2022	2029	2035	rVV	154319	273117	2.81%	0.311%
22	15.186	2037	2040	2048	rVB4	24649	47243	0.49%	0.054%
23	15.327	2059	2064	2070	rBV4	17348	33208	0.34%	0.038%
24	15.498	2086	2093	2096	rBV5	17553	35313	0.36%	0.040%
25	15.710	2120	2129	2134	rVV	156730	251825	2.59%	0.287%
26	15.769	2134	2139	2149	rVV	309050	505267	5.19%	0.575%
27	15.892	2151	2160	2163	rVV2	57087	132267	1.36%	0.151%
28	15.927	2163	2166	2171	rVV	61661	94557	0.97%	0.108%
29	15.974	2171	2174	2177	rVV4	19774	30188	0.31%	0.034%
30	16.016	2178	2181	2185	rVV2	35594	56602	0.58%	0.064%
31	16.063	2185	2189	2198	rVB2	82423	173155	1.78%	0.197%
32	16.210	2209	2214	2222	rBV	75150	158369	1.63%	0.180%
33	16.304	2226	2230	2234	rVB2	23413	36939	0.38%	0.042%
34	16.410	2243	2248	2252	rBV4	29808	56334	0.58%	0.064%
35	16.774	2299	2310	2314	rBV3	78315	182256	1.87%	0.207%
36	16.821	2314	2318	2323	rVB3	35198	48751	0.50%	0.055%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL1DL

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	16.921	2332	2335	2339	rVB4	27584	39388	0.40%	0.045%
38	16.998	2339	2348	2351	rBV2	54366	111777	1.15%	0.127%
39	17.039	2351	2355	2359	rVV3	41539	49966	0.51%	0.057%
40	17.139	2366	2372	2377	rBV	210300	332136	3.41%	0.378%
41	17.198	2377	2382	2390	rVV3	59666	151732	1.56%	0.173%
42	17.292	2393	2398	2406	rVB	239125	345350	3.55%	0.393%
43	17.474	2423	2429	2432	rBV	1630534	2343696	24.09%	2.668%
44	17.516	2432	2436	2442	rVV	4528396	6463568	66.43%	7.358%
45	17.574	2442	2446	2448	rVV	216631	342761	3.52%	0.390%
46	17.610	2448	2452	2460	rVV	982705	1464049	15.05%	1.667%
47	17.680	2460	2464	2472	rVB	89105	155100	1.59%	0.177%
48	17.880	2491	2498	2505	rBV2	651488	1171423	12.04%	1.333%
49	17.980	2512	2515	2518	rBV	63324	87372	0.90%	0.099%
50	18.051	2523	2527	2535	rVB4	68662	153331	1.58%	0.175%
51	18.268	2561	2564	2568	rBV2	36474	49122	0.50%	0.056%
52	18.333	2570	2575	2579	rVV	549281	786773	8.09%	0.896%
53	18.380	2579	2583	2590	rVV	640343	889751	9.14%	1.013%
54	18.463	2592	2597	2601	rVV	210131	279898	2.88%	0.319%
55	18.527	2601	2608	2611	rVV3	674505	1170176	12.03%	1.332%
56	18.557	2611	2613	2618	rVB2	265597	317799	3.27%	0.362%
57	18.627	2622	2625	2629	rBV2	68912	82903	0.85%	0.094%
58	18.674	2629	2633	2636	rBV2	84611	111491	1.15%	0.127%
59	18.716	2638	2640	2643	rBV3	32054	36451	0.37%	0.041%
60	18.810	2652	2656	2661	rBV	332295	465314	4.78%	0.530%
61	18.868	2662	2666	2673	rVB	425063	578421	5.94%	0.658%
62	19.051	2693	2697	2701	rVV2	102335	129513	1.33%	0.147%
63	19.098	2702	2705	2708	rVV	99269	108275	1.11%	0.123%
64	19.139	2708	2712	2715	rVB2	91735	105008	1.08%	0.120%
65	19.210	2720	2724	2729	rBV	242894	387422	3.98%	0.441%
66	19.363	2744	2750	2757	rBV2	264790	450658	4.63%	0.513%
67	19.480	2763	2770	2776	rBV	7261748	9730329	100.00%	11.076%
68	19.527	2776	2778	2780	rVV	93516	93118	0.96%	0.106%
69	19.568	2781	2785	2791	rVB3	145846	275112	2.83%	0.313%
70	19.710	2806	2809	2819	rVB2	192236	339045	3.48%	0.386%
71	19.798	2819	2824	2826	rBV2	1306178	1924663	19.78%	2.191%
72	19.833	2826	2830	2836	rVV	5259501	7161713	73.60%	8.152%
73	19.892	2837	2840	2850	rVB	291208	463580	4.76%	0.528%
74	20.004	2855	2859	2863	rVB	309850	397970	4.09%	0.453%
75	20.074	2867	2871	2875	rVB	289550	429100	4.41%	0.488%
76	20.145	2877	2883	2889	rVB4	312056	745460	7.66%	0.849%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCFL1DL

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	20.204	2889	2893	2899	rBV	192887	318852	3.28%	0.363%
78	20.274	2900	2905	2908	rBV3	301041	606245	6.23%	0.690%
79	20.310	2908	2911	2916	rVB	633891	792611	8.15%	0.902%
80	20.404	2923	2927	2931	rBV	394214	504328	5.18%	0.574%
81	20.462	2931	2937	2940	rVV2	407050	750826	7.72%	0.855%
82	20.498	2940	2943	2946	rVB	210843	263523	2.71%	0.300%
83	20.604	2957	2961	2964	rBV	247083	321446	3.30%	0.366%
84	20.645	2965	2968	2972	rVV2	181171	234106	2.41%	0.266%
85	21.045	3032	3036	3042	rBV	694362	943903	9.70%	1.074%
86	21.204	3059	3063	3066	rBV2	765820	1066476	10.96%	1.214%
87	21.239	3066	3069	3073	rVV	530764	650758	6.69%	0.741%
88	21.286	3073	3077	3081	rVV2	506653	846022	8.69%	0.963%
89	21.339	3083	3086	3095	rVB	667657	933485	9.59%	1.063%
90	21.551	3113	3122	3128	rBV3	3403472	7634447	78.46%	8.691%
91	21.604	3128	3131	3141	rVB	2612767	3408480	35.03%	3.880%
92	21.727	3149	3152	3157	rBV	380911	536988	5.52%	0.611%
93	21.857	3171	3174	3178	rVB	252885	308961	3.18%	0.352%
94	21.909	3179	3183	3188	rVB3	490101	750964	7.72%	0.855%
95	23.333	3418	3425	3430	rBV	2260163	5400876	55.51%	6.148%
96	23.886	3514	3519	3531	rVB	1203342	2708185	27.83%	3.083%
97	24.003	3532	3539	3549	rVB	1671585	3541166	36.39%	4.031%
98	24.115	3552	3558	3563	rVV	810072	1730933	17.79%	1.970%
99	24.168	3564	3567	3578	rVB2	541853	1168327	12.01%	1.330%
100	26.815	4011	4017	4029	rVB	972801	2937882	30.19%	3.344%

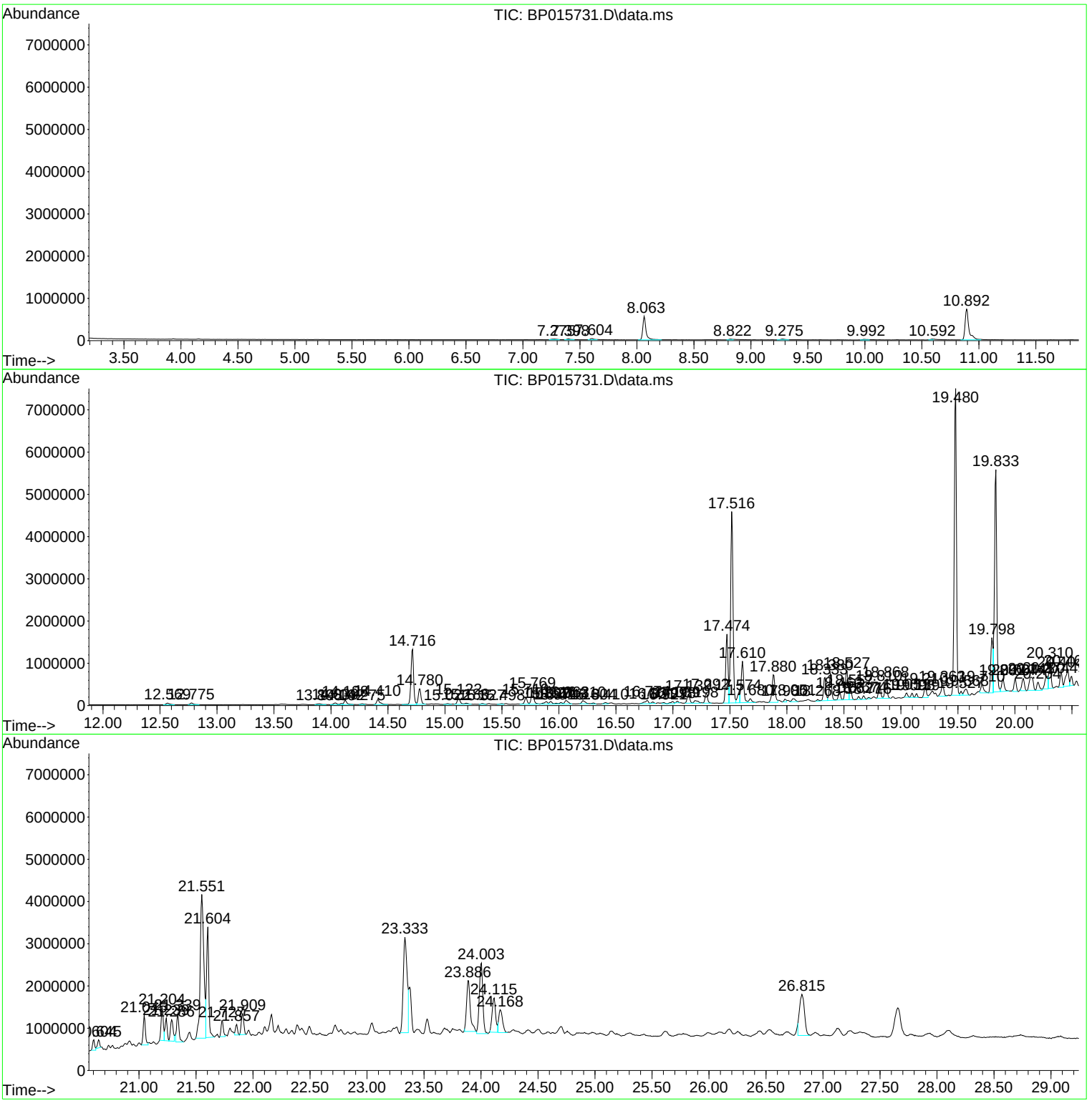
Sum of corrected areas: 87847051

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

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 : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

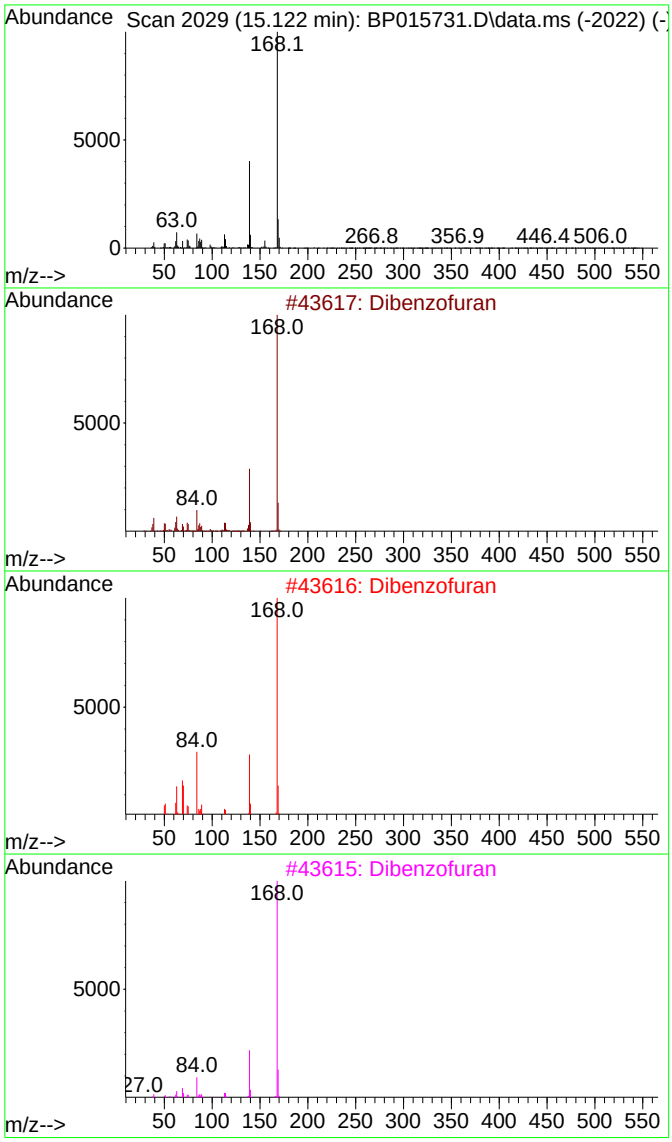
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

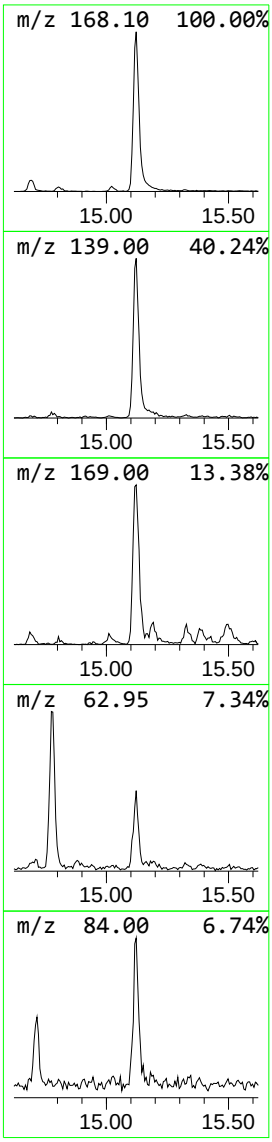
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Diben zofuran Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.122	2.62 ng/ul	273117	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	78
3	Dibenzofuran	168	C12H8O	000132-64-9	64
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

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

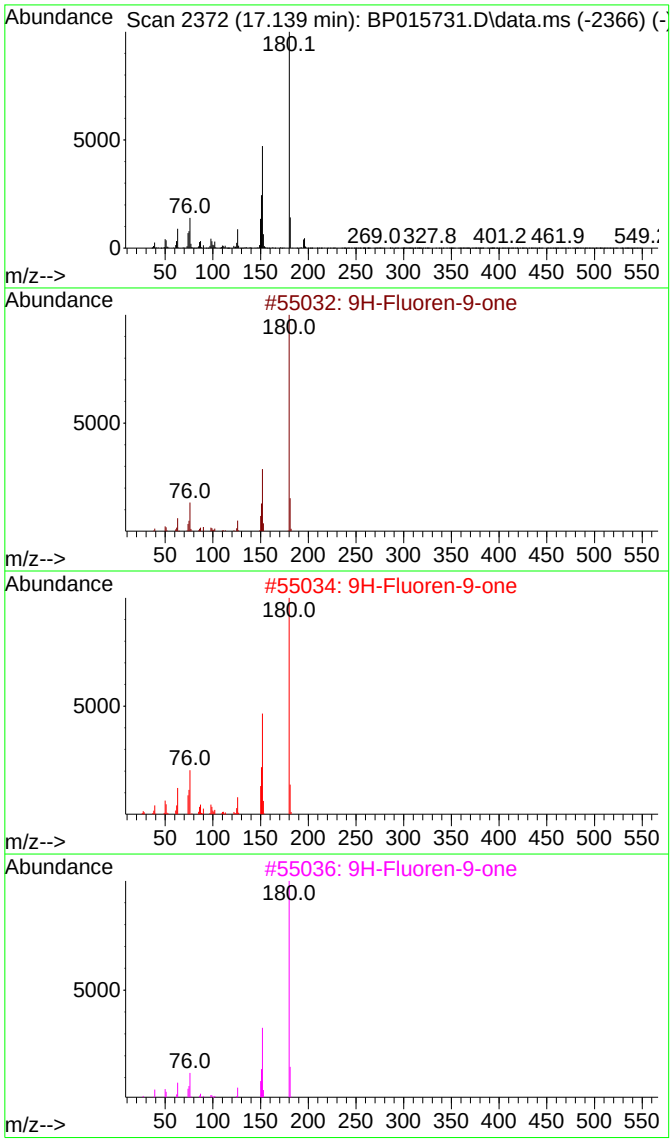
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

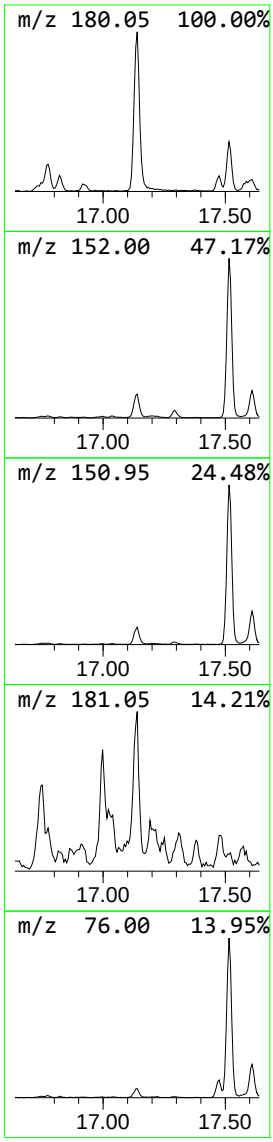
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	2.83 ng/ul	332136	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

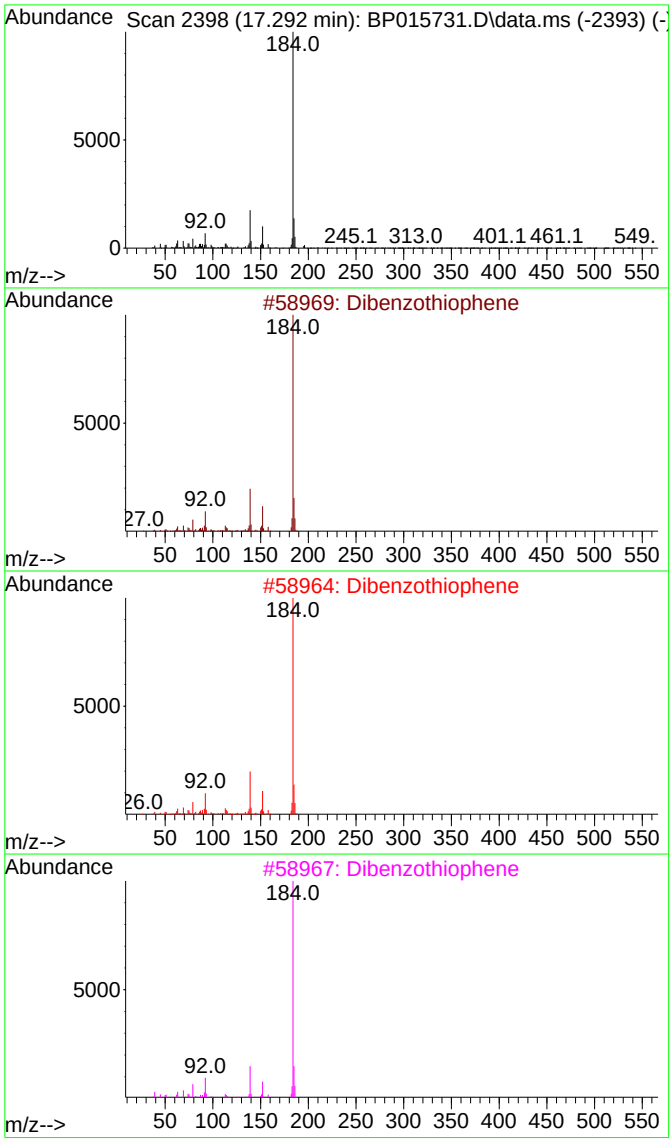
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

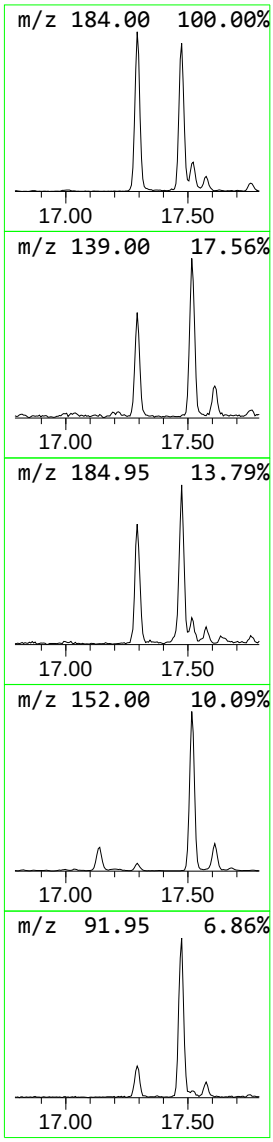
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.292	2.95 ng/ul	345350	Phenanthrene-d10	17.474

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

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

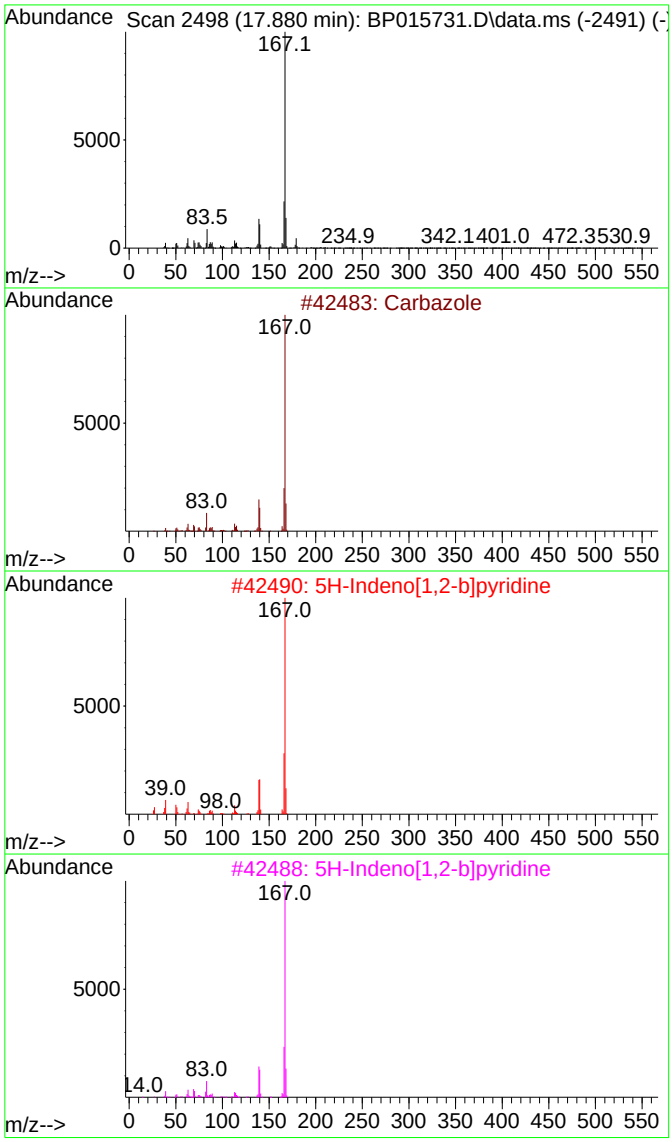
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

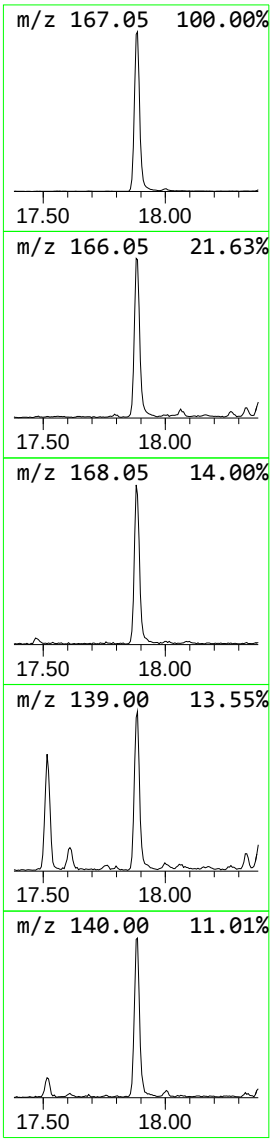
****

Peak Number 4 Carba zole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	10.00 ng/ul	1171420	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
4	Carbazole	167	C12H9N	000086-74-8	87
5	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

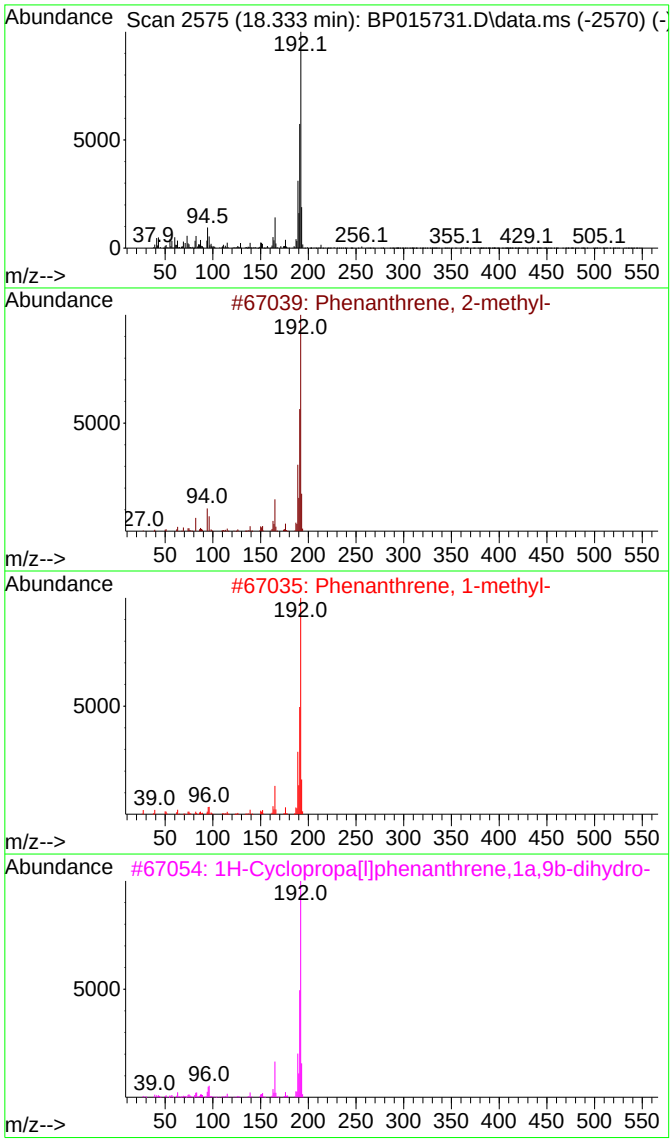
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

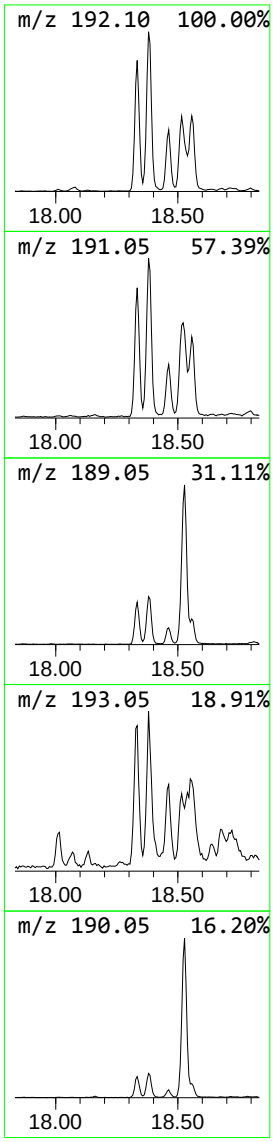
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	6.71 ng/ul	786773	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

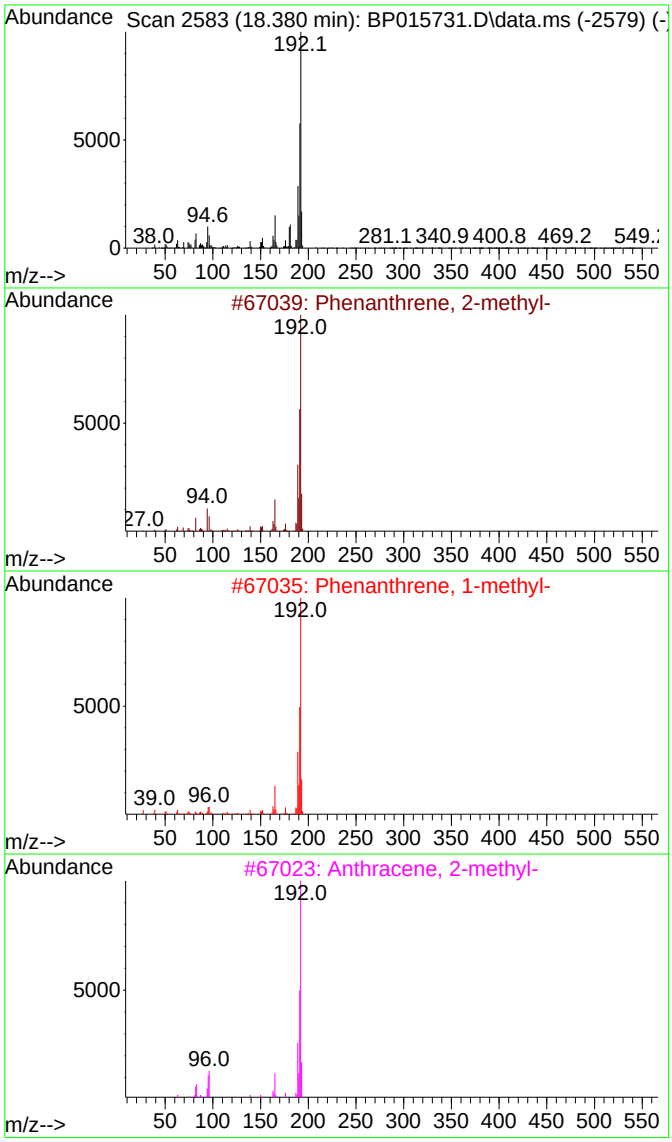
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

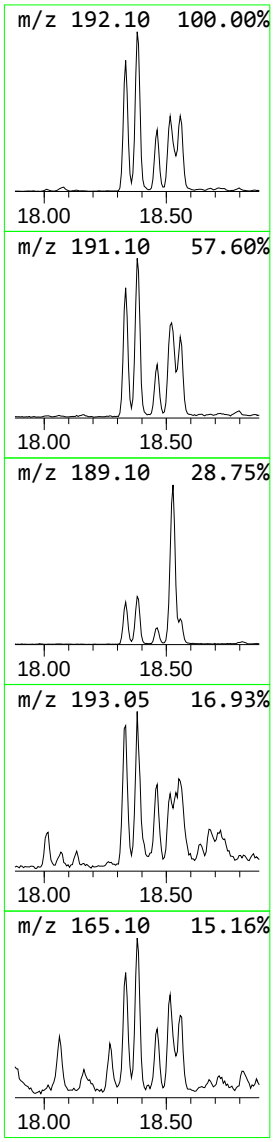
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	7.59 ng/ul	889751	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

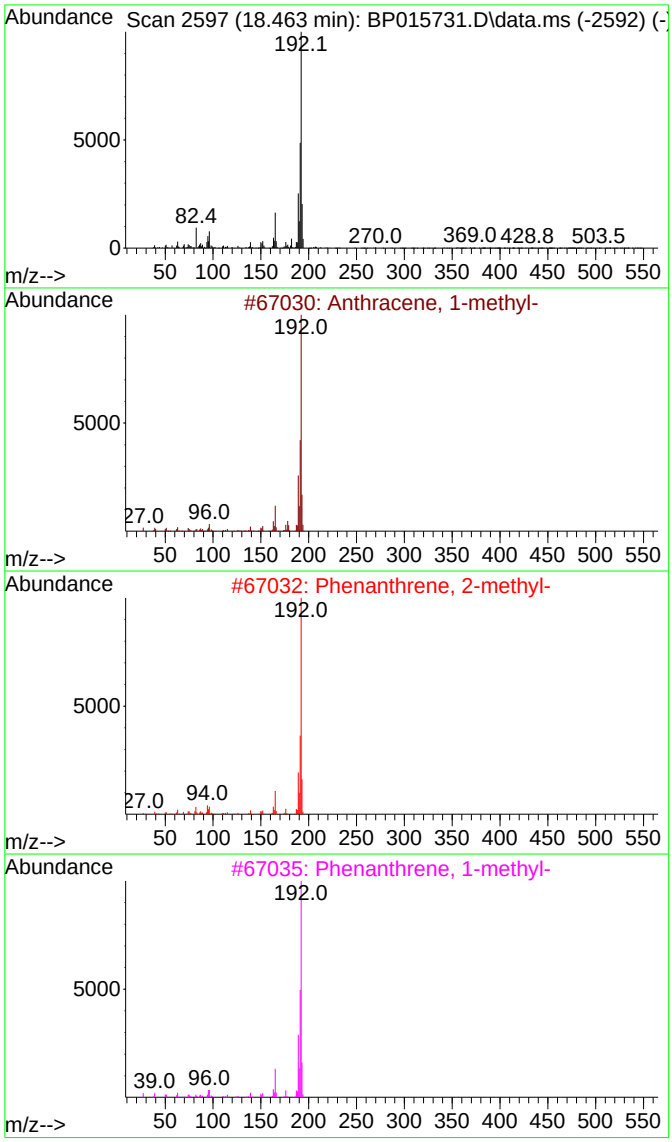
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

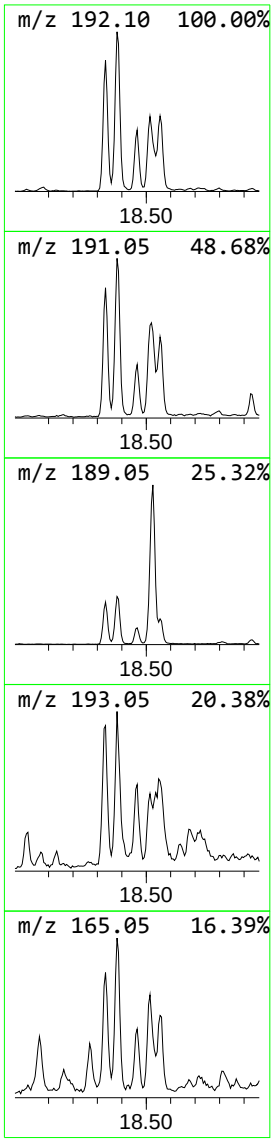
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	2.39 ng/ul	279898	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

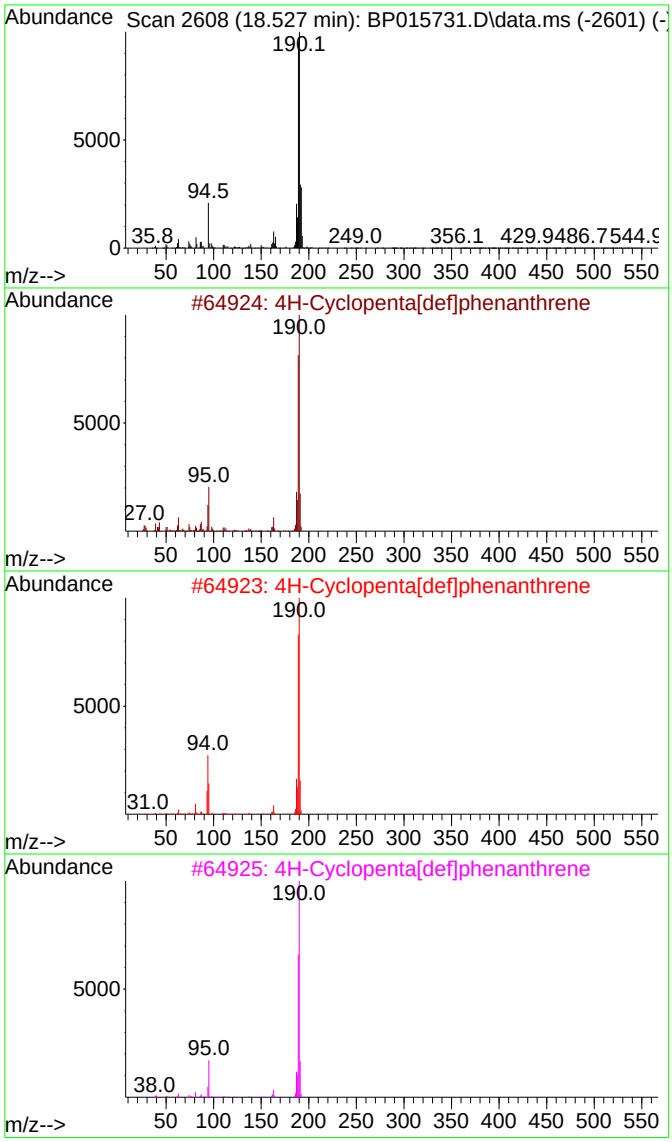
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

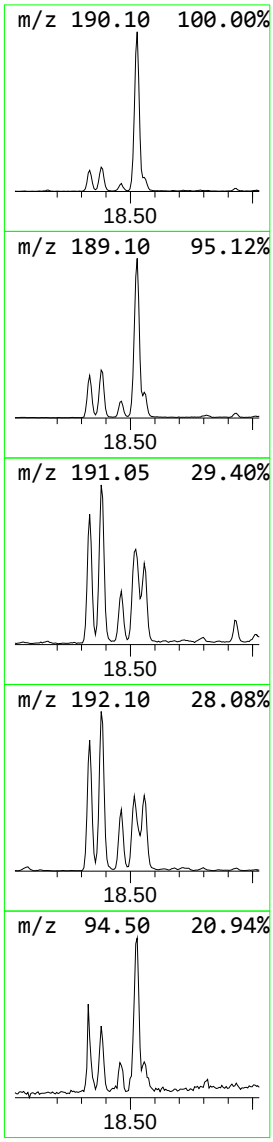
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	9.99 ng/ul	1170180	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

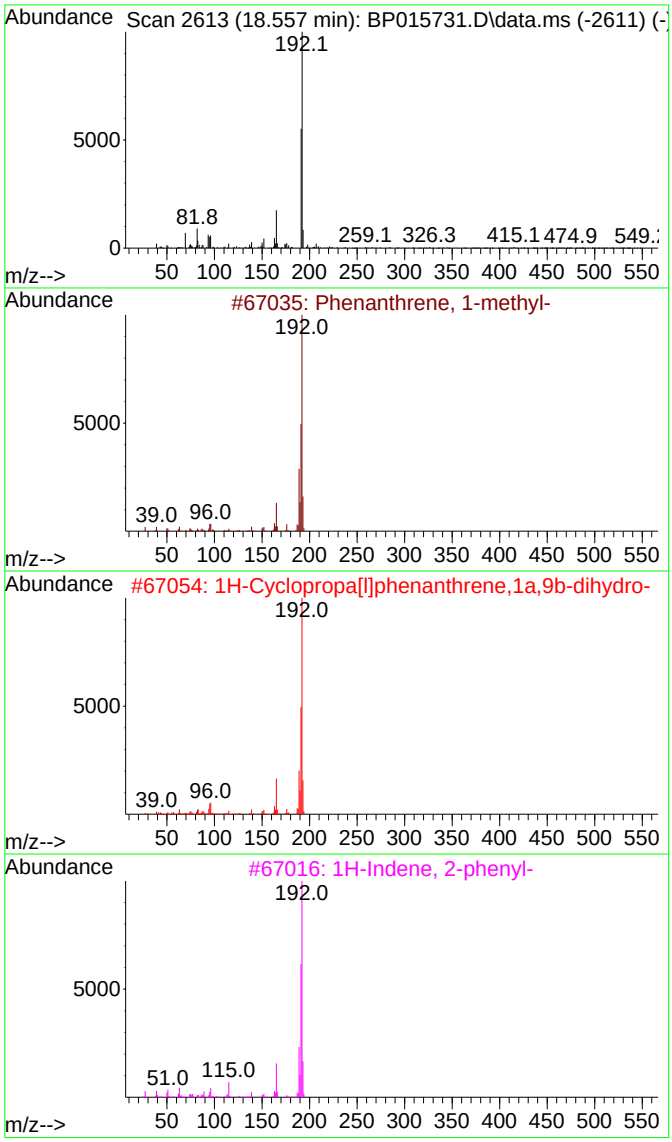
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

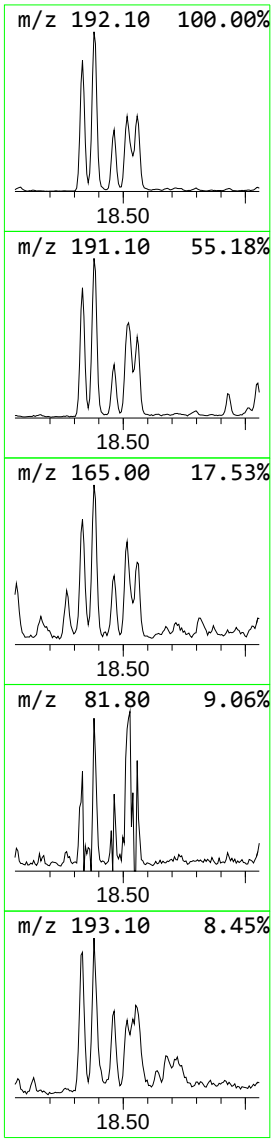
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	2.71 ng/ul	317799	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

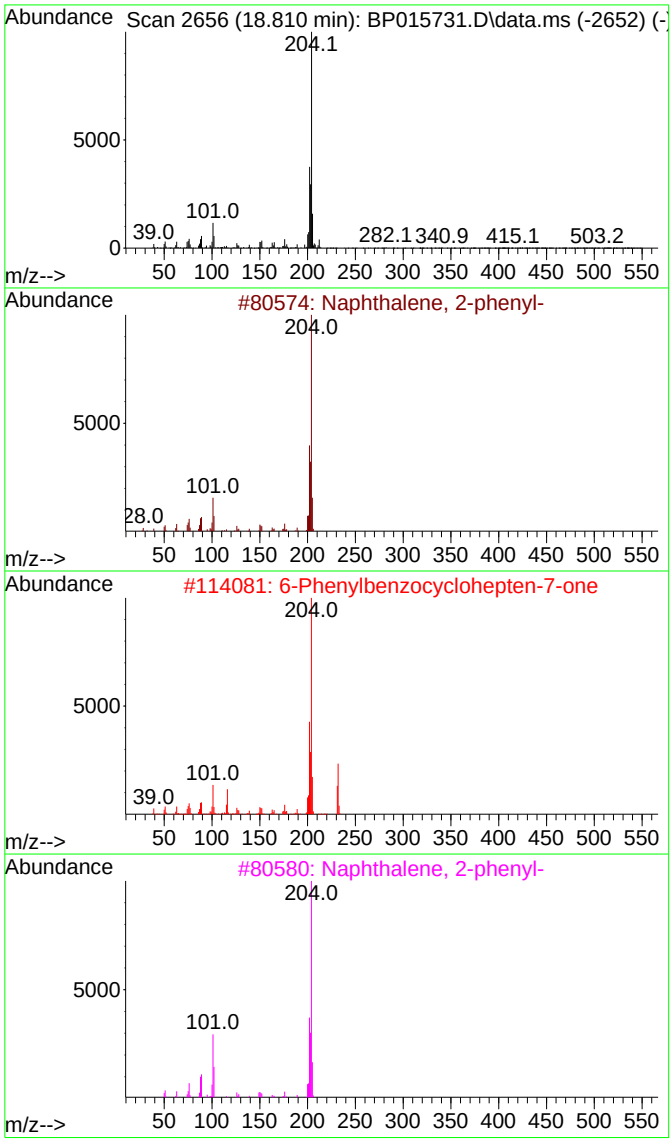
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

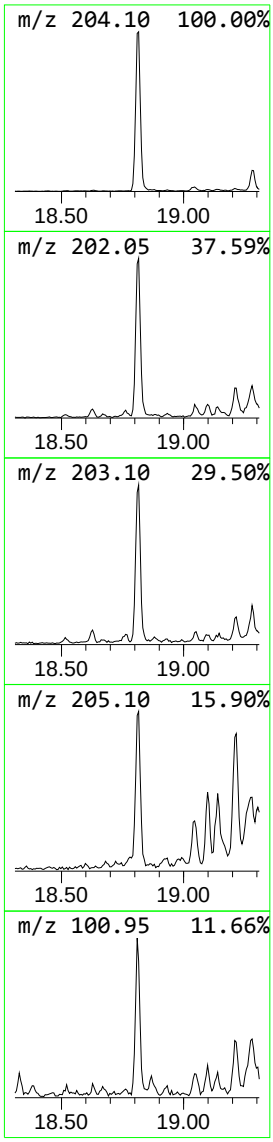
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	3.97 ng/ul	465314	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

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

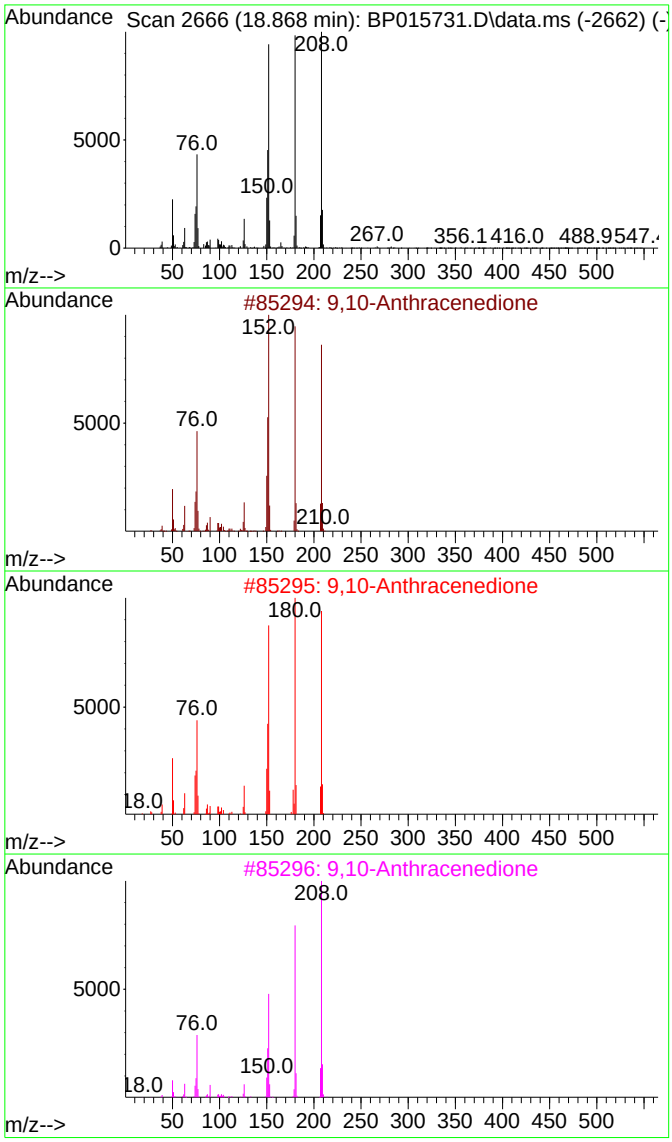
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

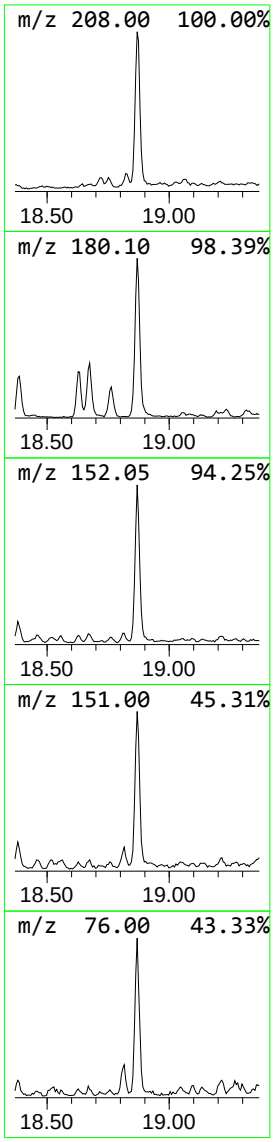
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	4.94 ng/ul	578421	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

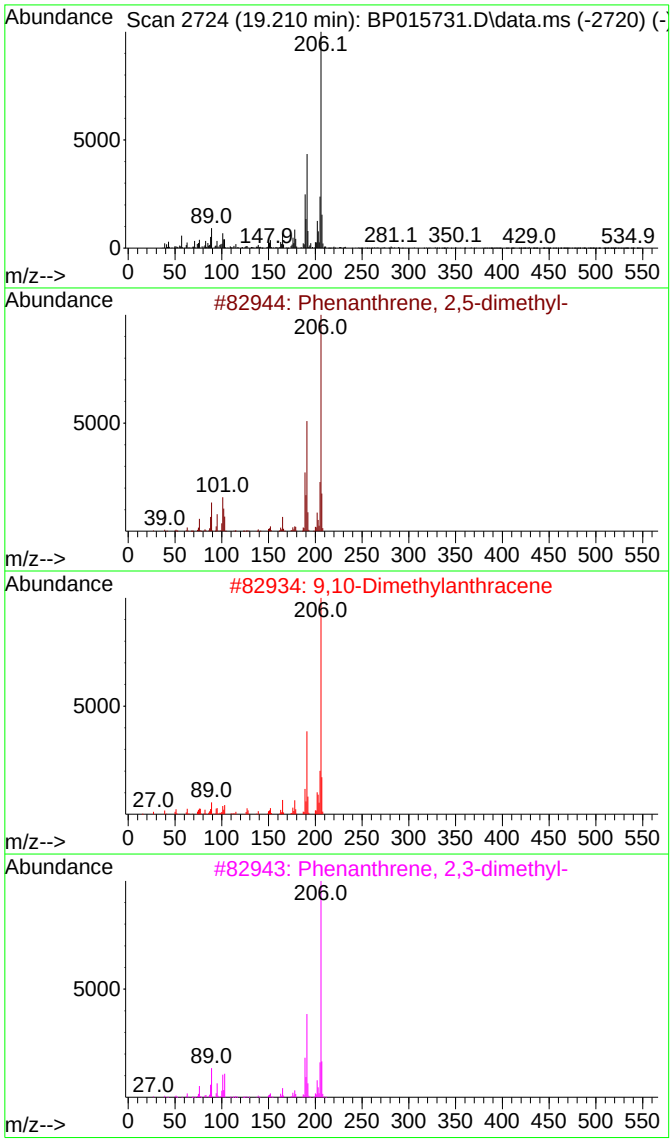
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

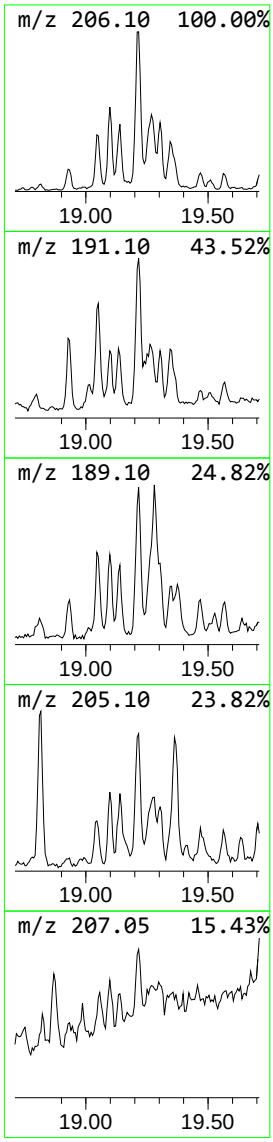
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	3.31 ng/ul	387422	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

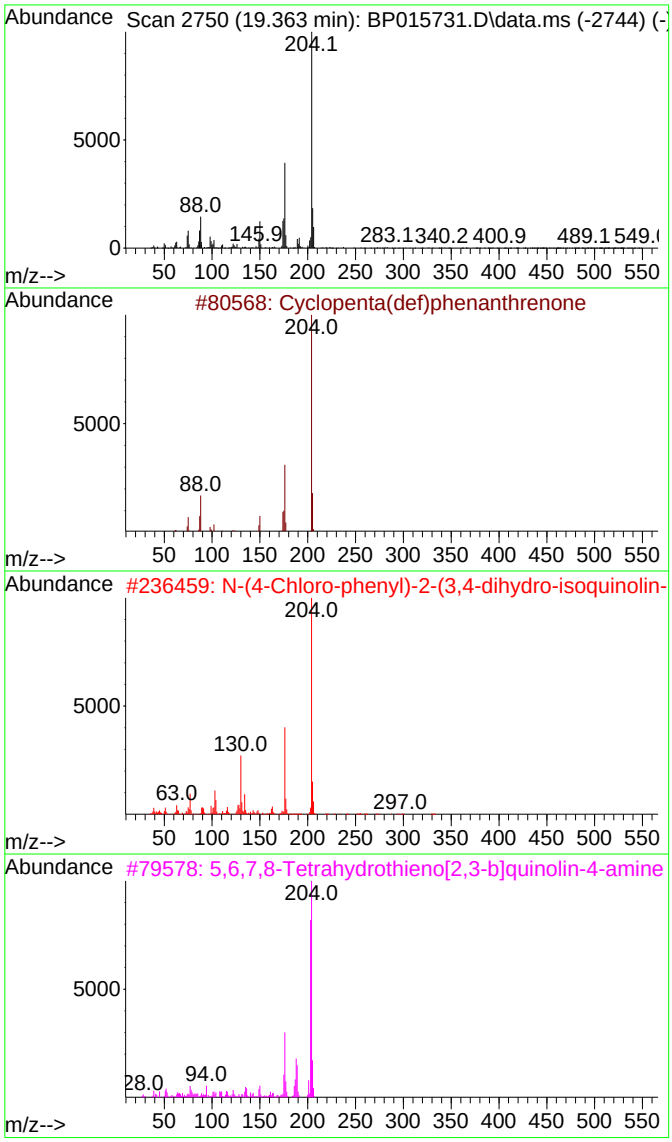
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

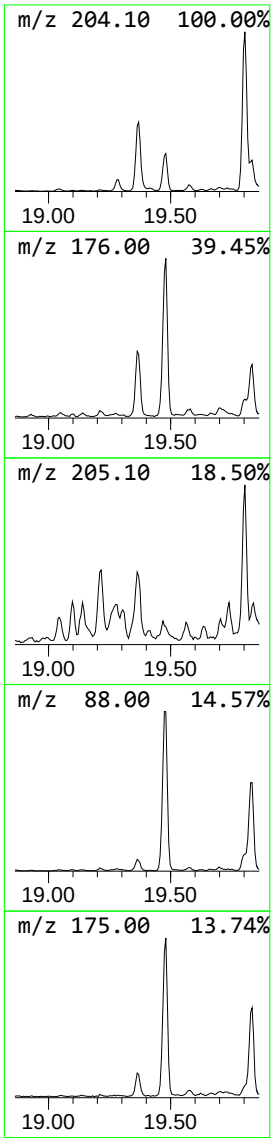
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	3.85 ng/ul	450658	Phenanthrene-d10	17.474

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

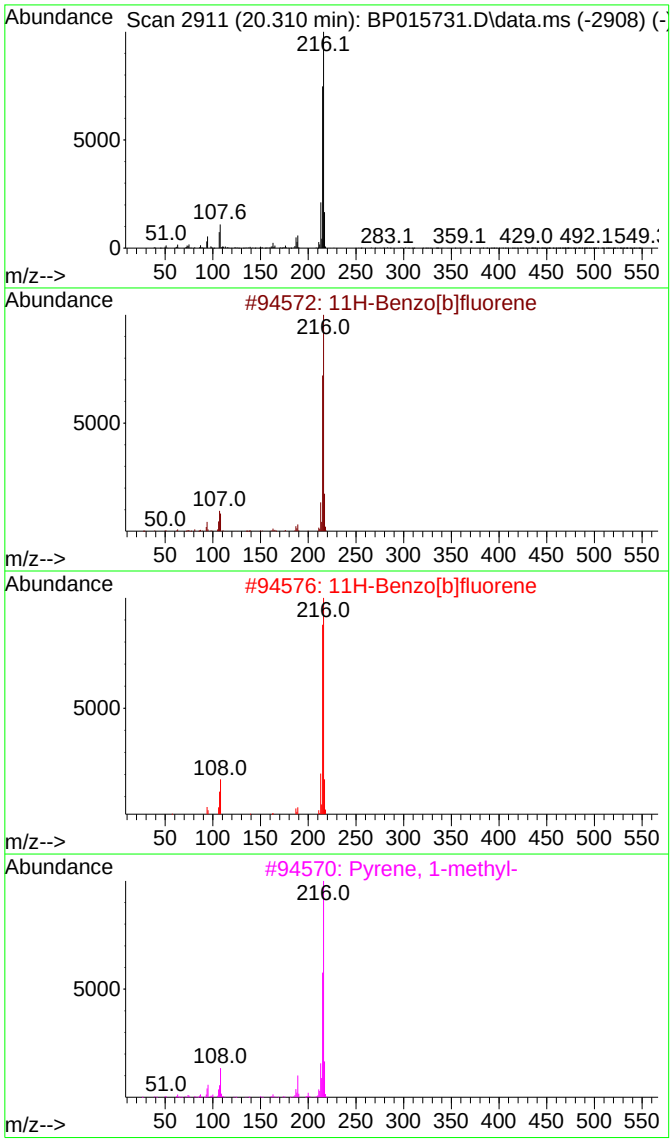
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

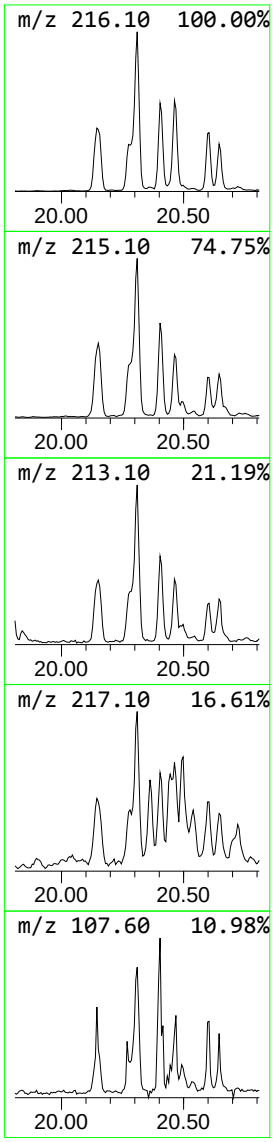
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	2.08 ng/ul	792611	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

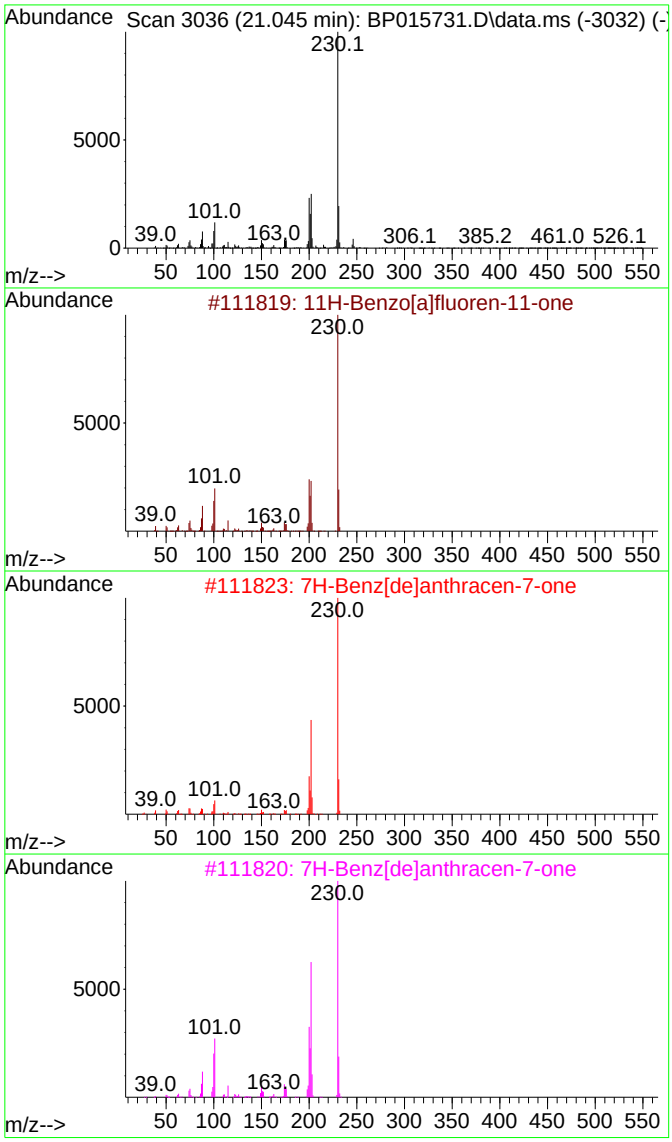
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

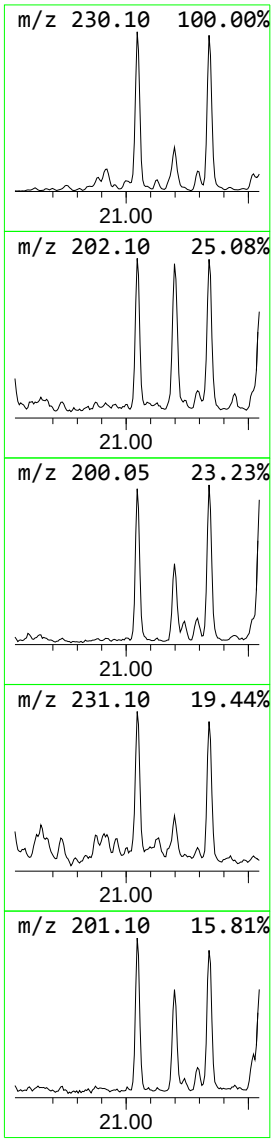
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.47 ng/ul	943903	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

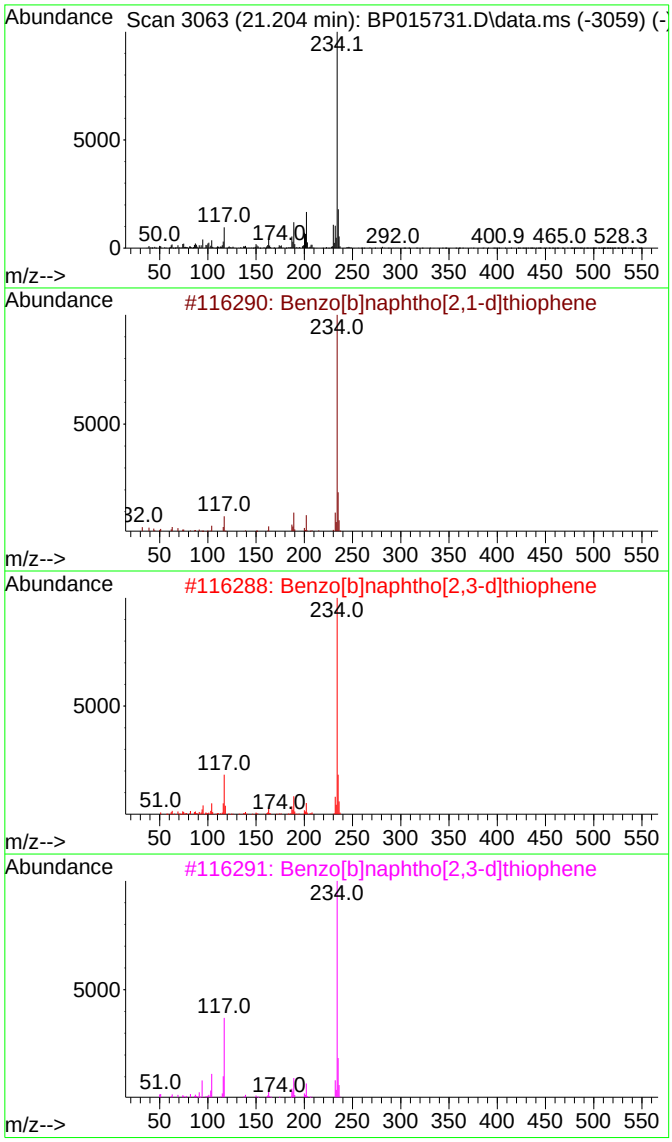
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

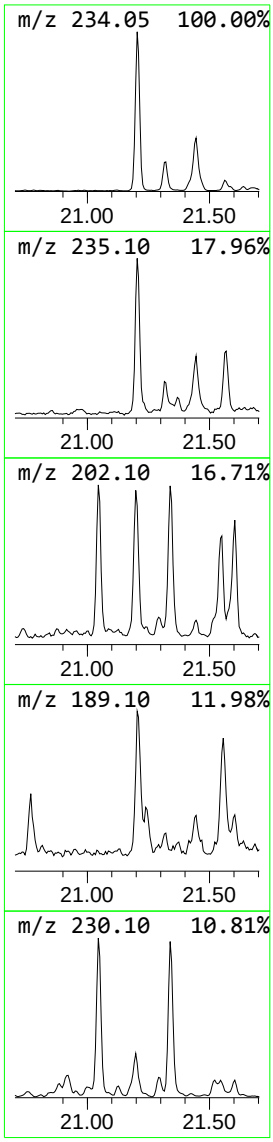
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	2.79 ng/ul	1066480	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

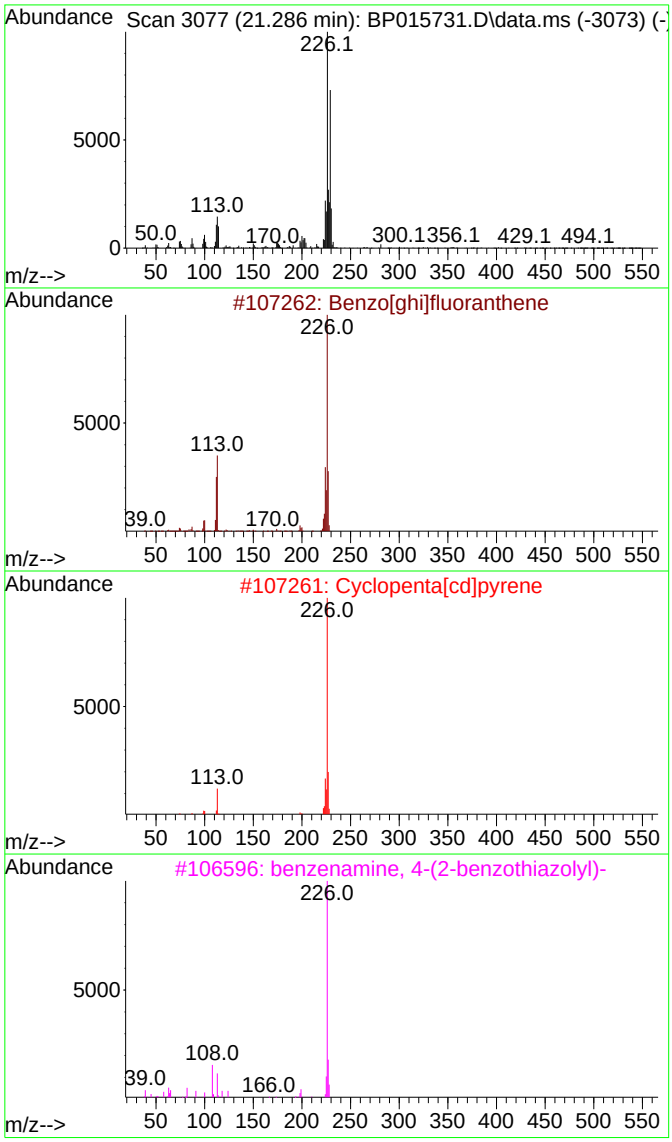
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

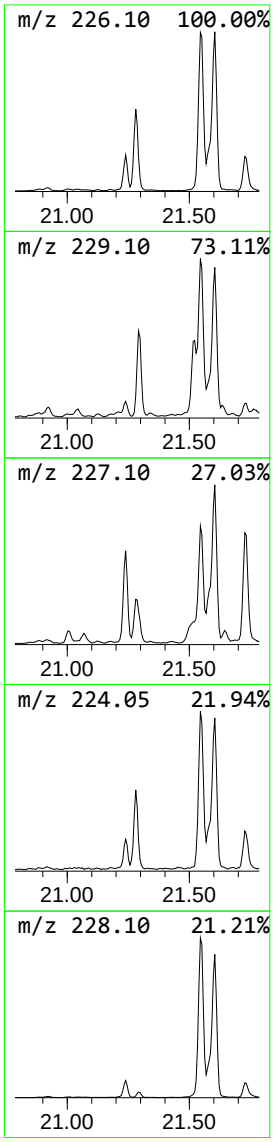
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[ghi]fluoranthene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	2.22 ng/ul	846022	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	55
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	43
4	Benz[c]acridine	229	C17H11N	000225-51-4	38
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

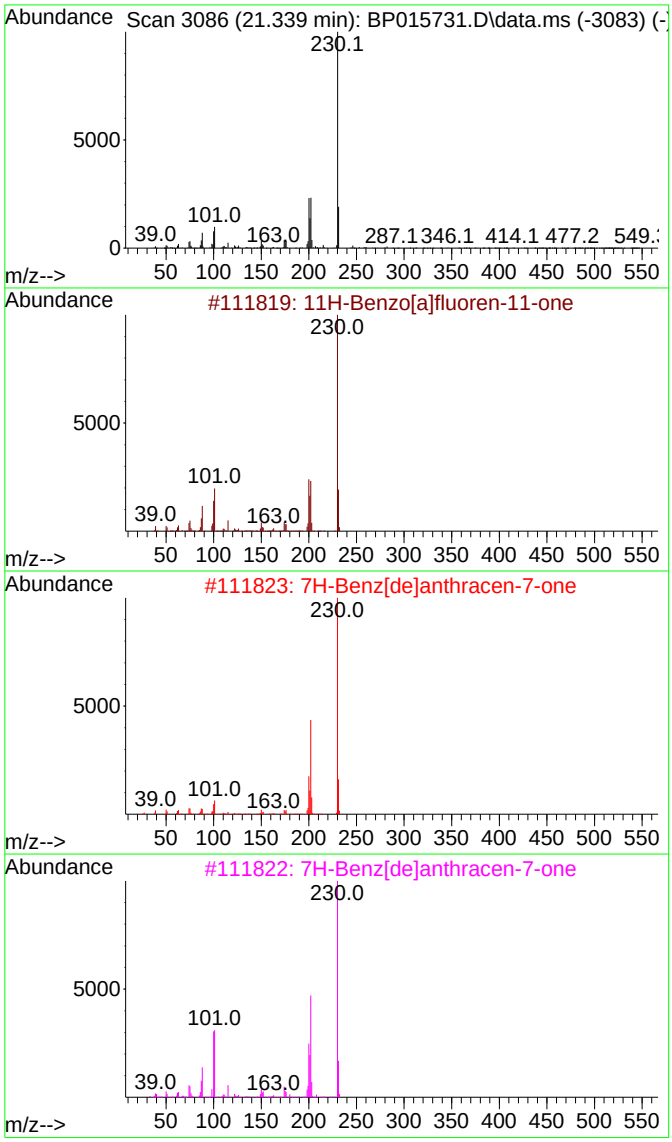
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

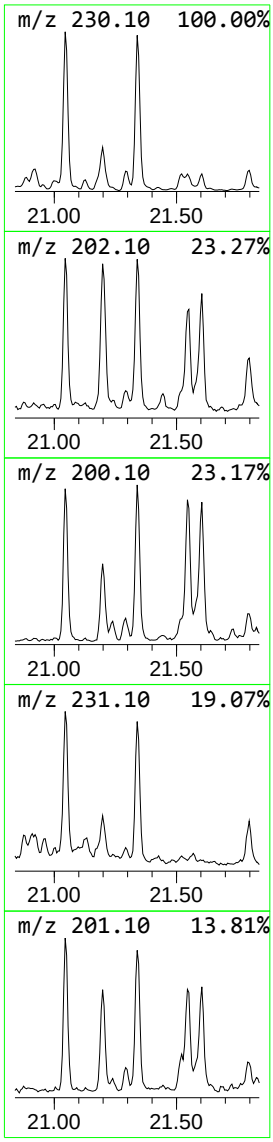
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	2.45 ng/ul	933485	Chrysene-d12	21.562

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	91
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	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

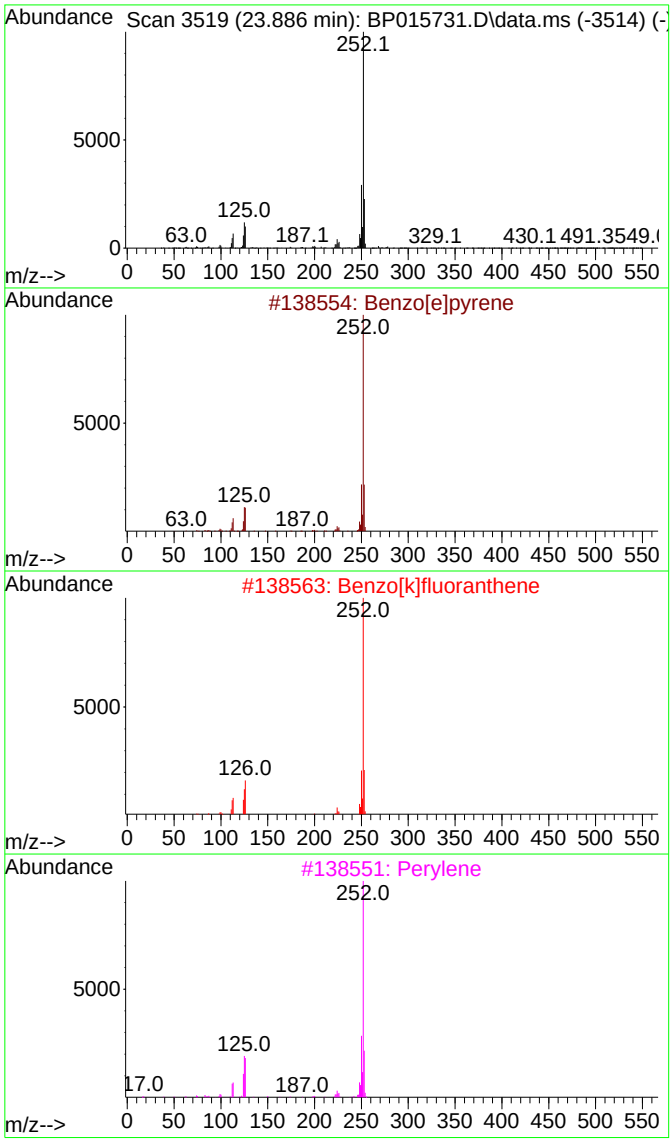
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

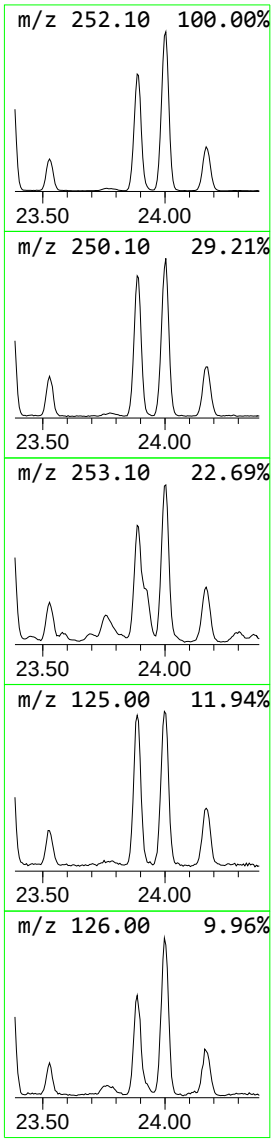
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	31.29 ng/ul	2708190	Perylene-d12	24.115

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	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Perylene	252	C20H12	000198-55-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

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

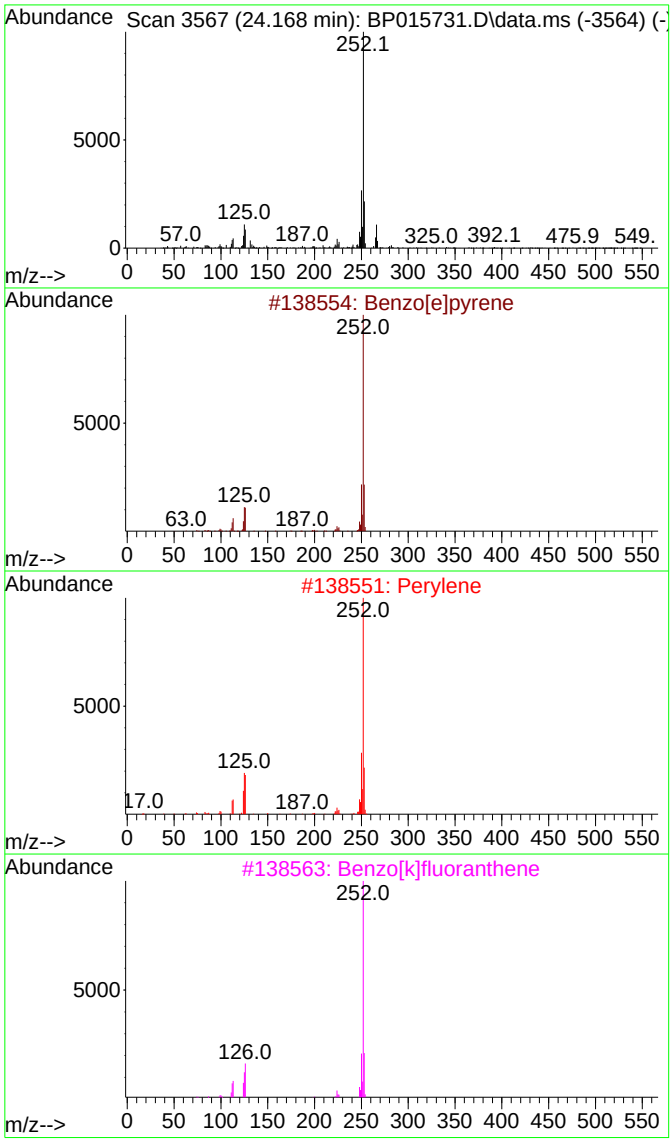
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

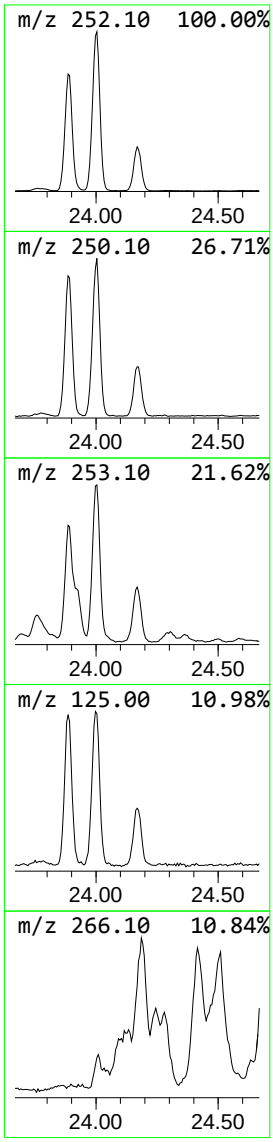
****

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.168	13.50 ng/ul	1168330	Perylene-d12	24.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015731.D
Acq On : 27 Jun 2023 00:39
Operator : MA/JU
Sample : 03083-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFL1DL

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
Diben zofuran	15.122	2.6	ng/ul	273117	3	14.716	2087310	20.0
9H-Fluoren-9-one	17.139	2.8	ng/ul	332136	4	17.474	2343700	20.0
Dibenzothiophene	17.292	3.0	ng/ul	345350	4	17.474	2343700	20.0
Carba zole	17.880	10.0	ng/ul	1171420	4	17.474	2343700	20.0
Phenanthrene, 2...	18.333	6.7	ng/ul	786773	4	17.474	2343700	20.0
Phenanthrene, 1...	18.380	7.6	ng/ul	889751	4	17.474	2343700	20.0
Anthracene, 1-m...	18.463	2.4	ng/ul	279898	4	17.474	2343700	20.0
4H-Cyclopenta[d...	18.527	10.0	ng/ul	1170180	4	17.474	2343700	20.0
1H-Cyclopropa[l...	18.557	2.7	ng/ul	317799	4	17.474	2343700	20.0
Naphthalene, 2-...	18.810	4.0	ng/ul	465314	4	17.474	2343700	20.0
9,10-Anthracene...	18.868	4.9	ng/ul	578421	4	17.474	2343700	20.0
Phenanthrene, 2...	19.210	3.3	ng/ul	387422	4	17.474	2343700	20.0
Cyclopenta(def)...	19.363	3.9	ng/ul	450658	4	17.474	2343700	20.0
11H-Benzo[b]flu...	20.310	2.1	ng/ul	792611	5	21.562	7634450	20.0
11H-Benzo[a]flu...	21.045	2.5	ng/ul	943903	5	21.562	7634450	20.0
Benzo[b]naphtho...	21.204	2.8	ng/ul	1066480	5	21.562	7634450	20.0
Benzo[ghi]fluor...	21.286	2.2	ng/ul	846022	5	21.562	7634450	20.0
7H-Benz[de]anth...	21.339	2.5	ng/ul	933485	5	21.562	7634450	20.0
Benzo[e]pyrene	23.886	31.3	ng/ul	2708190	6	24.115	1730930	20.0
Perylene	24.168	13.5	ng/ul	1168330	6	24.115	1730930	20.0