LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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: BP015977.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.817	104	107	120	rBV	684559	1197875	4.11%	0.300%
2	7.228	680	687	704	rBV	813488	2074806	7.11%	0.519%
3	7.363	704	710	730	rVB	1046633	1935164	6.64%	0.484%
4	7.575	739	746	761	rBV	1284369	2401733	8.24%	0.601%
5	8.040	818	825	839	rBV	1514691	2794488	9.58%	0.700%
6	8.781	942	951	981	rBV	1058288	2740782	9.40%	0.686%
7	9.228	1020	1027	1044	rBV	1261159	2499234	8.57%	0.626%
8	9.957	1143	1151	1166	rBV	940803	2104262	7.22%	0.527%
9	10.522	1237	1247	1282	rBV	968402	2871987	9.85%	0.719%
10	10.863	1298	1305	1310	rBV	2246432	4104810	14.07%	1.028%
11	10.916	1310	1314	1325	rVV	1176780	2149127	7.37%	0.538%
12	11.040	1325	1335	1364	rVB	764671	2140599	7.34%	0.536%
13	12.534	1582	1589	1602	rBV	523001	1031670	3.54%	0.258%
14	12.745	1619	1625	1639	rVB	376260	730074	2.50%	0.183%
15	13.869	1806	1816	1825	rBV4	188487	546048	1.87%	0.137%
16	14.010	1833	1840	1845	rBV2	335757	664623	2.28%	0.166%
17	14.098	1850	1855	1870	rVB	2904999	4539357	15.56%	1.136%
18	14.387	1897	1904	1917	rBV	3589073	5811266	19.93%	1.455%
19	14.692	1944	1956	1961	rBV	3484078	5532099	18.97%	1.385%
20	14.757	1961	1967	1976	rVB	2037108	3181179	10.91%	0.796%
21	14.998	2001	2008	2018	rBV3	279306	830299	2.85%	0.208%
22	15.092	2019	2024	2031	rVV	1337309	2257092	7.74%	0.565%
23	15.686	2116	2125	2130	rVV	4364535	6517739	22.35%	1.632%
24	15.745	2130	2135	2146	rVV	2250703	3499777	12.00%	0.876%
25	15.863	2147	2155	2159	rVV	772633	1474520	5.06%	0.369%
26	15.904	2159	2162	2167	rVV	419541	646252	2.22%	0.162%
27	16.051	2181	2187	2197	rVB3	911943	1869496	6.41%	0.468%
28	16.186	2205	2210	2218	rVV	551937	1101642	3.78%	0.276%
29	16.751	2294	2306	2311	rBV3	512765	1191091	4.08%	0.298%
30	16.975	2336	2344	2347	rBV2	286300	578804	1.98%	0.145%
31	17.116	2362	2368	2374	rBV	1316675	2059325	7.06%	0.516%
32	17.175	2374	2378	2380	rBV3	311702	483234	1.66%	0.121%
33	17.269	2389	2394	2400	rVB	1165321	1701799	5.84%	0.426%
34	17.451	2419	2425	2429	rBV	3796720	6088353	20.88%	1.524%
35	17.504	2429	2434	2438	rVV	16270244	25145178	86.22%	6.295%
36	17.557	2438	2443	2446	rVV	4222746	7030664	24.11%	1.760%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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	17.592	2446	2449	2457	rVV	4544146	6371915	21.85%	1.595%
38	17.663	2457	2461	2468	rVB	438991	689271	2.36%	0.173%
39	17.869	2487	2496	2508	rBV2	3544063	6658400	22.83%	1.667%
40	18.051	2521	2527	2533	rVB5	302018	661116	2.27%	0.166%
41	18.157	2541	2545	2557	rVB4	225876	651424	2.23%	0.163%
42	18.251	2557	2561	2566	rBV2	280858	444909	1.53%	0.111%
43	18.310	2566	2571	2576	rVV	4372713	5856616	20.08%	1.466%
44	18.363	2576	2580	2589	rVV2	2935023	4382218	15.03%	1.097%
45	18.439	2589	2593	2598	rVV	993357	1396236	4.79%	0.350%
46	18.504	2598	2604	2608	rVV3	2973452	5236842	17.96%	1.311%
47	18.539	2608	2610	2618	rVV2	1228228	1443105	4.95%	0.361%
48	18.610	2618	2622	2626	rVB2	365074	483762	1.66%	0.121%
49	18.657	2626	2630	2634	rBV2	432613	562752	1.93%	0.141%
50	18.792	2648	2653	2659	rBV	1447060	1937087	6.64%	0.485%
51	18.857	2659	2664	2670	rVV	1346459	1889567	6.48%	0.473%
52	19.027	2689	2693	2698	rBV3	436435	599452	2.06%	0.150%
53	19.075	2698	2701	2705	rVB2	429474	527422	1.81%	0.132%
54	19.116	2705	2708	2712	rVB	399949	489584	1.68%	0.123%
55	19.192	2716	2721	2725	rBV	997524	1548857	5.31%	0.388%
56	19.351	2745	2748	2753	rVB	1040461	1411406	4.84%	0.353%
57	19.469	2760	2768	2772	rVV	17716829	29163947	100.00%	7.301%
58	19.533	2776	2779	2788	rVB3	897621	1759025	6.03%	0.440%
59	19.669	2798	2802	2803	rBV3	447804	581599	1.99%	0.146%
60	19.692	2803	2806	2812	rVV2	893252	1509478	5.18%	0.378%
61	19.780	2816	2821	2824	rVV2	7452917	12612063	43.25%	3.157%
62	19.816	2824	2827	2833	rVV	14820260	20780758	71.25%	5.202%
63	19.874	2833	2837	2843	rVB	1085211	1573751	5.40%	0.394%
64	19.980	2852	2855	2860	rVB	1078501	1421055	4.87%	0.356%
65	20.057	2864	2868	2873	rVV	1091789	1831968	6.28%	0.459%
66	20.127	2873	2880	2886	rVB2	1427063	3354573	11.50%	0.840%
67	20.186	2886	2890	2896	rBV	843529	1215982	4.17%	0.304%
68	20.263	2896	2903	2904	rVV3	1239153	2059982	7.06%	0.516%
69	20.292	2904	2908	2912	rVB	2342784	3465324	11.88%	0.868%
70	20.386	2920	2924	2927	rBV	1201895	1442113	4.94%	0.361%
71	20.445	2927	2934	2937	rVV2	1511181	2969606	10.18%	0.743%
72	20.474	2937	2939	2943	rVB2	931530	994841	3.41%	0.249%
73	20.522	2943	2947	2950	rVB2	463853	619148	2.12%	0.155%
74	20.580	2953	2957	2961	rBV	1056728	1604291	5.50%	0.402%
75	20.627	2962	2965	2972	rVB2	864325	1444167	4.95%	0.362%
76	20.898	3008	3011	3015	rVB2	593255	768550	2.64%	0.192%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGE7

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	21.033	3029	3034	3038	rBV	2577811	3574044	12.26%	0.895%
78	21.186	3056	3060	3063	rBV	3306755	4394594	15.07%	1.100%
79	21.221	3063	3066	3070	rVV2	2436034	3500469	12.00%	0.876%
80	21.269	3070	3074	3080	rVV3	2007975	4362511	14.96%	1.092%
81	21.327	3080	3084	3092	rVB	3072801	4341540	14.89%	1.087%
82	21.533	3110	3119	3124	rBV2	10533607	24560763	84.22%	6.149%
83	21.586	3124	3128	3132	rVB	7353560	10399737	35.66%	2.604%
84	21.710	3145	3149	3157	rVB	1551564	2420445	8.30%	0.606%
85	21.839	3168	3171	3174	rBV	1000122	1313025	4.50%	0.329%
86	21.898	3175	3181	3194	rVB4	3466978	12838659	44.02%	3.214%
87	22.139	3220	3222	3227	rVB	1776282	2114251	7.25%	0.529%
88	22.368	3257	3261	3264	rBV2	975896	1483368	5.09%	0.371%
89	22.468	3275	3278	3284	rBV4	557430	855783	2.93%	0.214%
90	22.704	3315	3318	3323	rVB2	571094	782520	2.68%	0.196%
91	23.021	3368	3372	3376	rVB2	954415	1471167	5.04%	0.368%
92	23.315	3414	3422	3427	rBV	7196722	19807062	67.92%	4.959%
93	23.504	3449	3454	3460	rVB	1288543	2313384	7.93%	0.579%
94	23.863	3508	3515	3520	rBV	4235306	9177839	31.47%	2.298%
95	23.921	3521	3525	3529	rVV2	2426094	4899561	16.80%	1.227%
96	23.980	3529	3535	3545	rVB	5918657	12433445	42.63%	3.113%
97	24.086	3547	3553	3558	rVV	2000412	4194851	14.38%	1.050%
98	24.145	3558	3563	3571	rVB2	1827098	4036634	13.84%	1.011%
99	26.792	4003	4013	4023	rVB3	2877250	9839357	33.74%	2.463%
100	27.627	4147	4155	4167	rVB	1922993	6394453	21.93%	1.601%

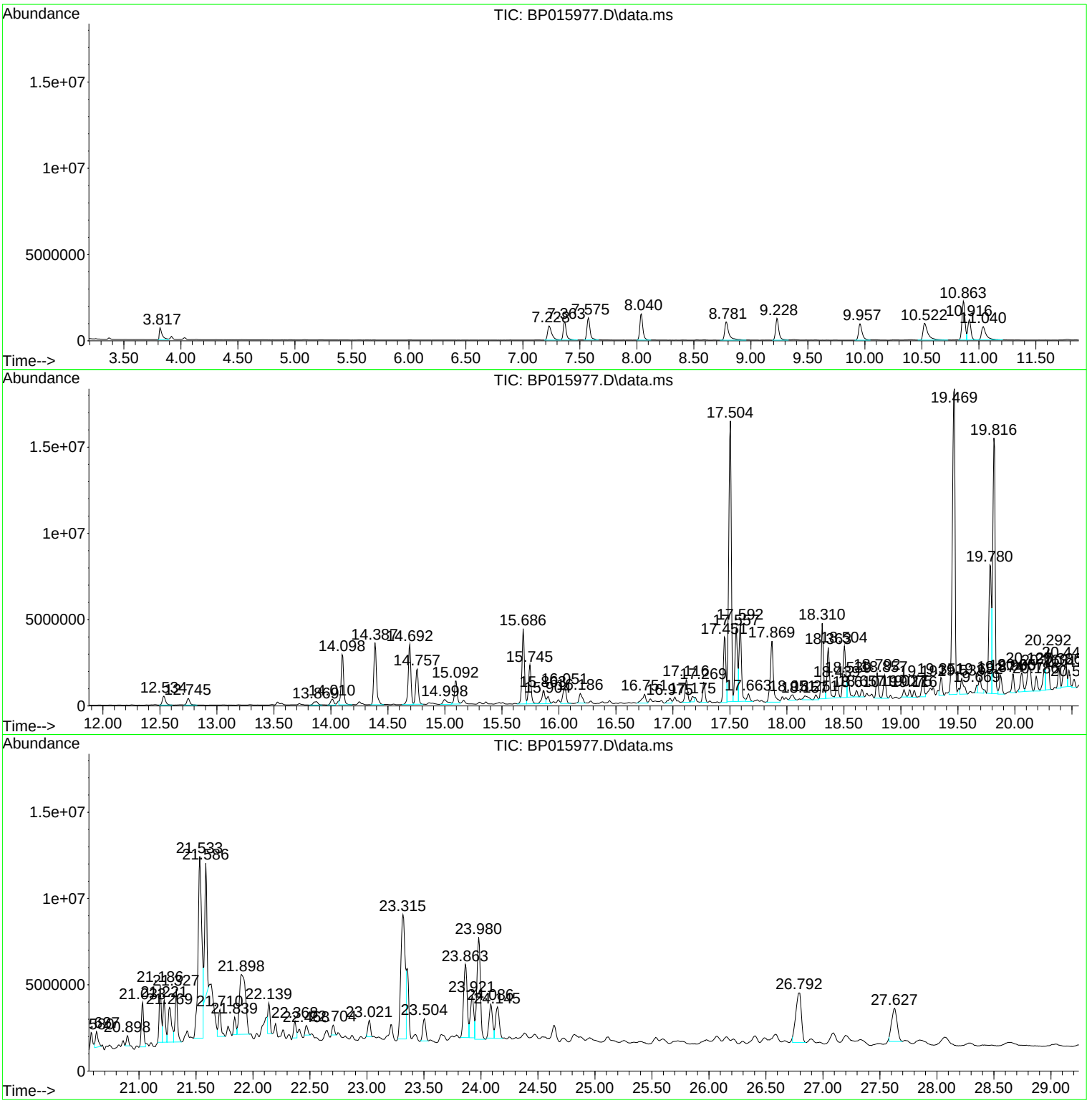
Sum of corrected areas: 399450072

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

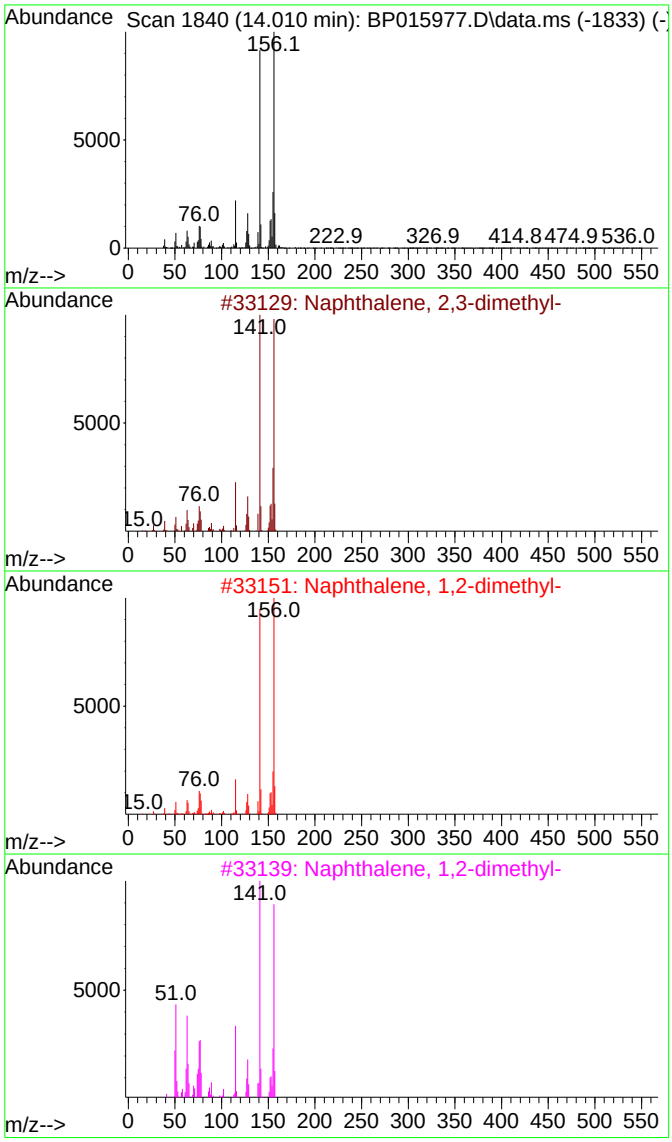
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

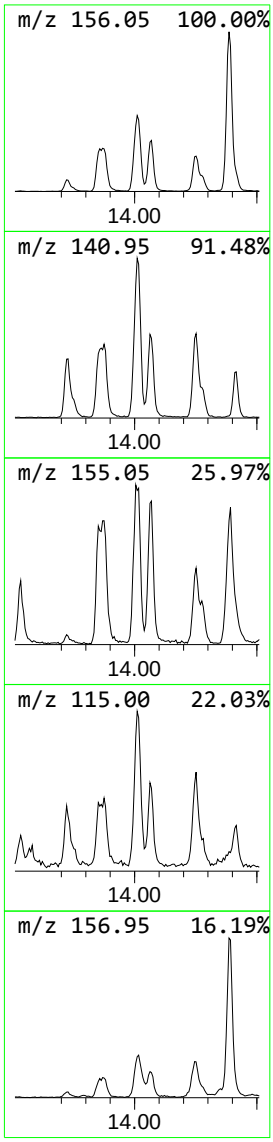
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	2.40 ng/ul	664623	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

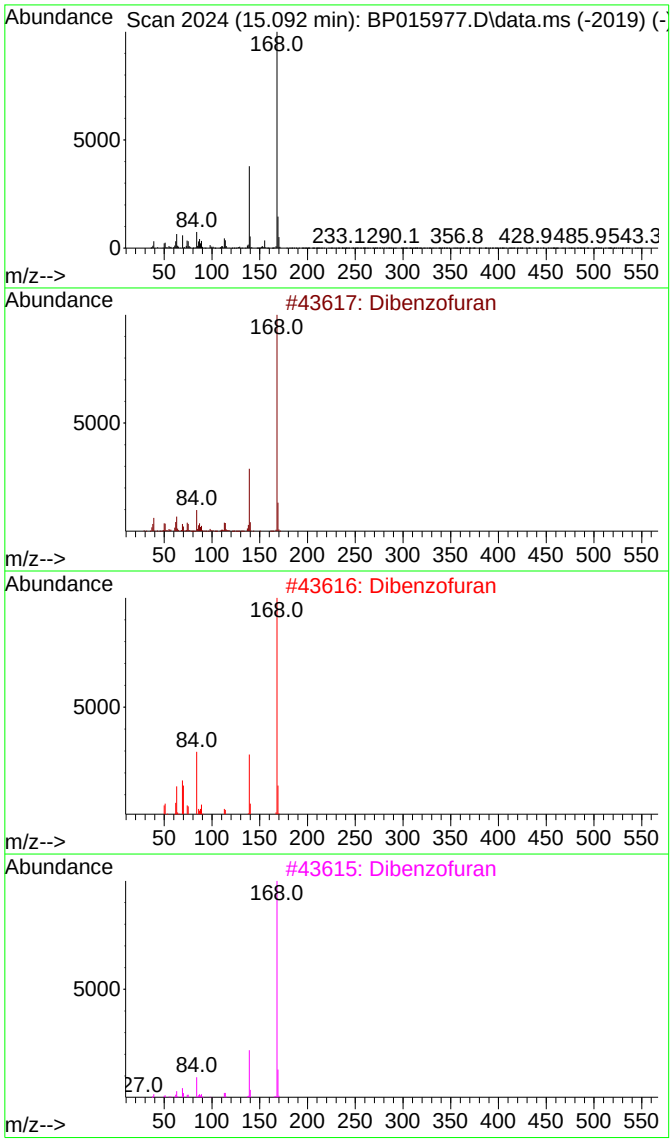
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

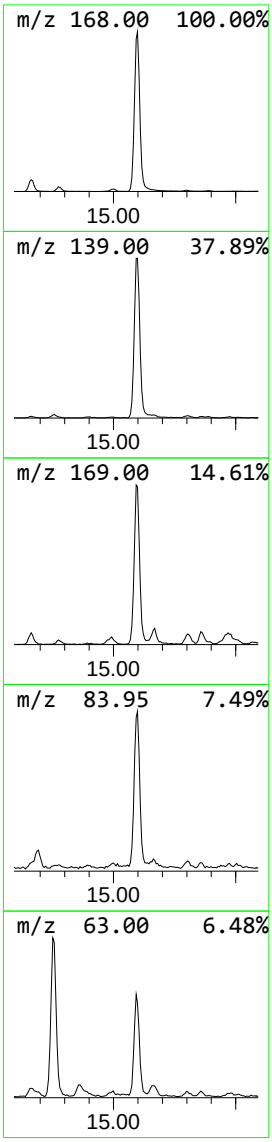
****

Peak Number 2 Dibenzo furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	8.16 ng/ul	2257090	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	72
3	Dibenzofuran	168	C12H8O	000132-64-9	72
4	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	64
5	2-Amino-6-fluorobenzothiazole	168	C7H5FN2S	000348-40-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

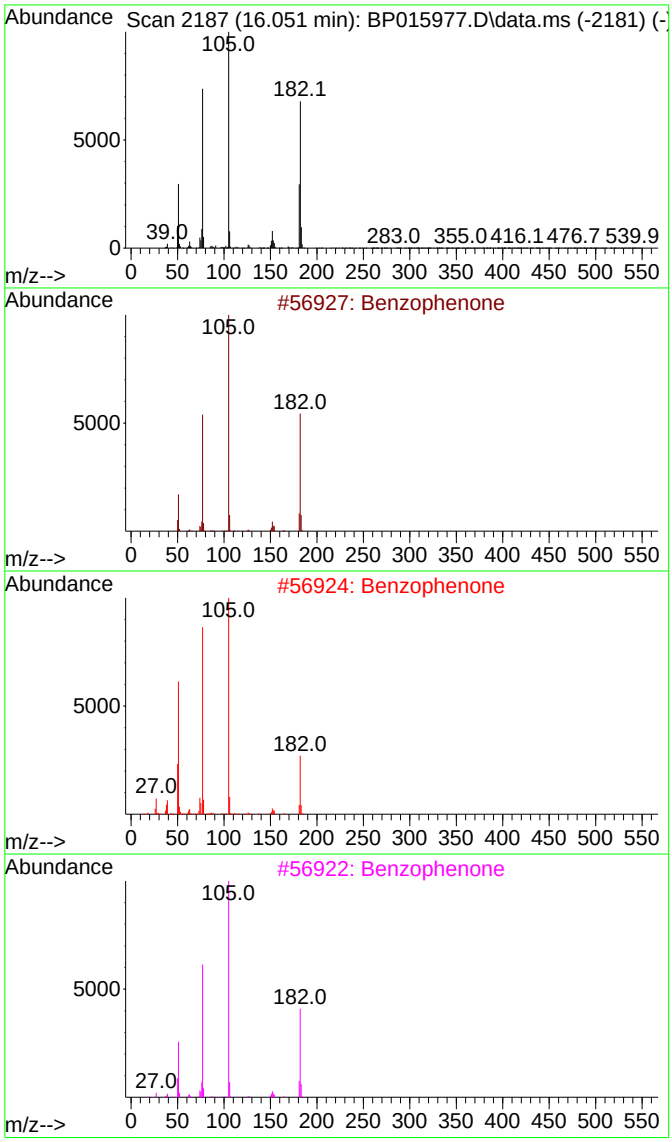
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

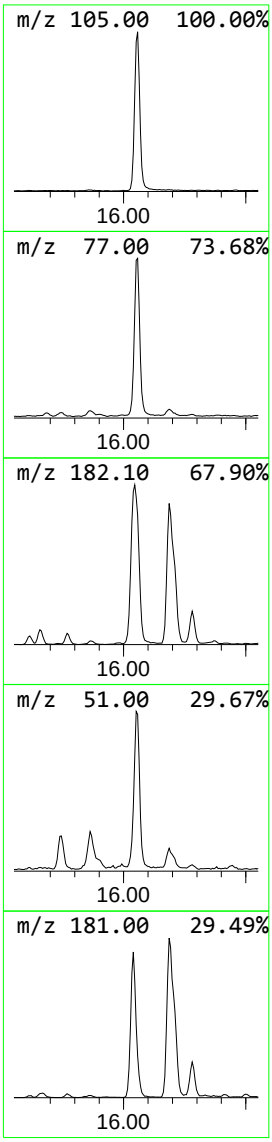
****

Peak Number 3 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	6.76 ng/ul	1869500	Acenaphthene-d10	14.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzophenone	182	C13H10O	000119-61-9	93
3	Benzophenone	182	C13H10O	000119-61-9	90
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

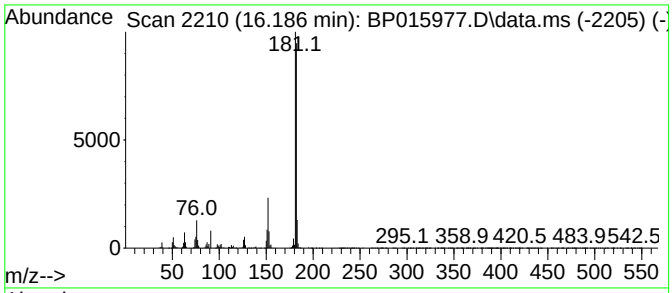
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

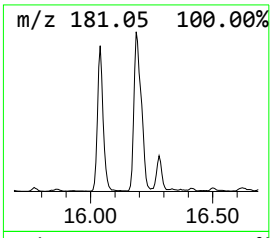
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

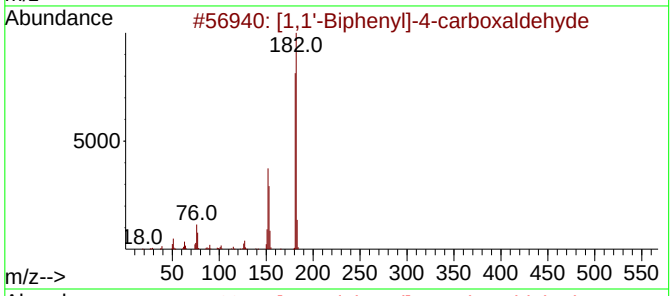
****
Peak Number 4 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 21

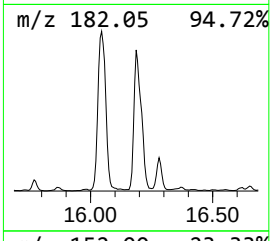
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	3.62 ng/ul	1101640	Phenanthrene-d10	17.451

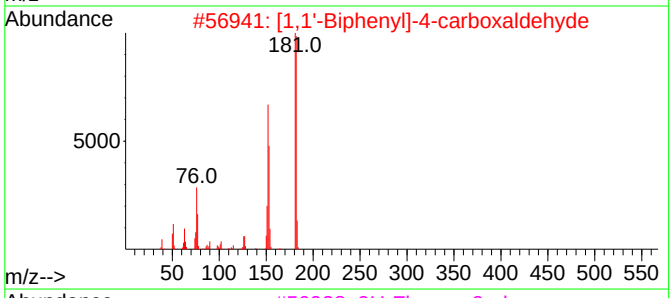
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78

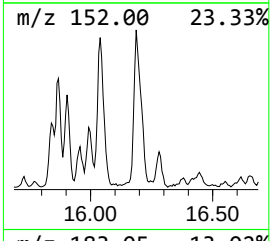


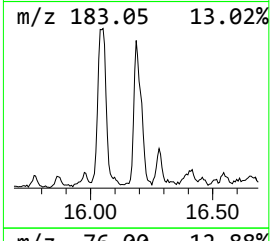


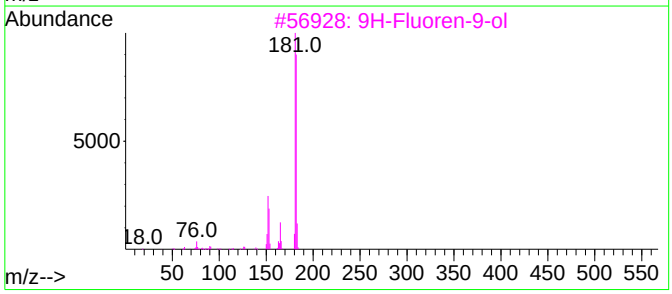


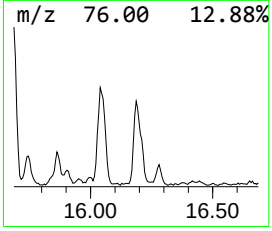












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

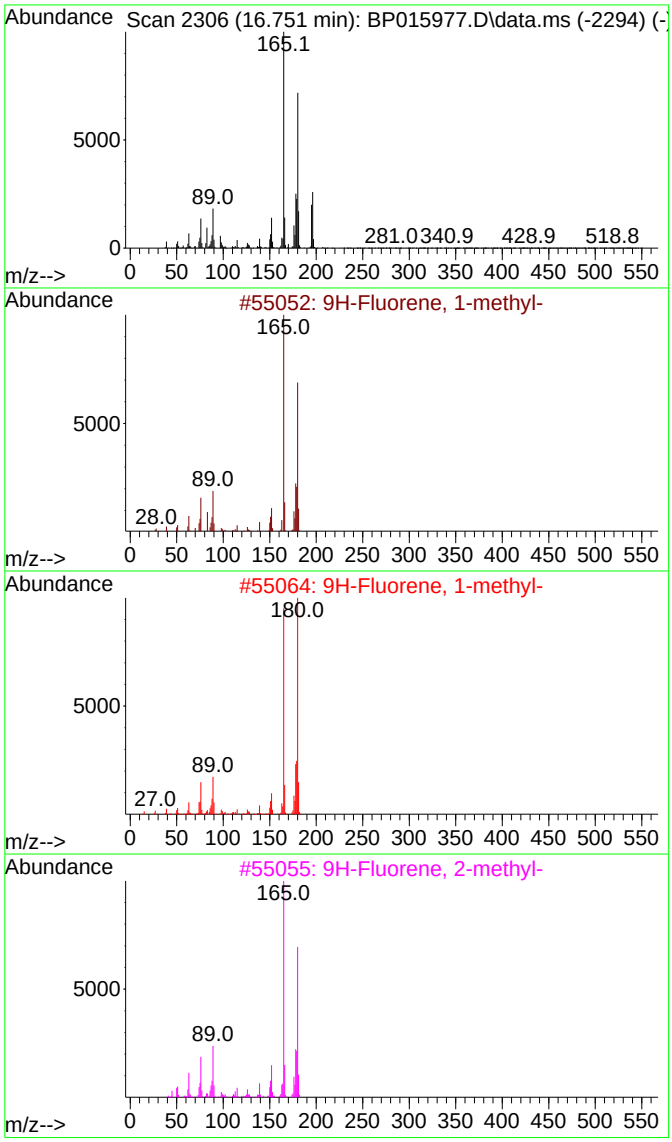
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

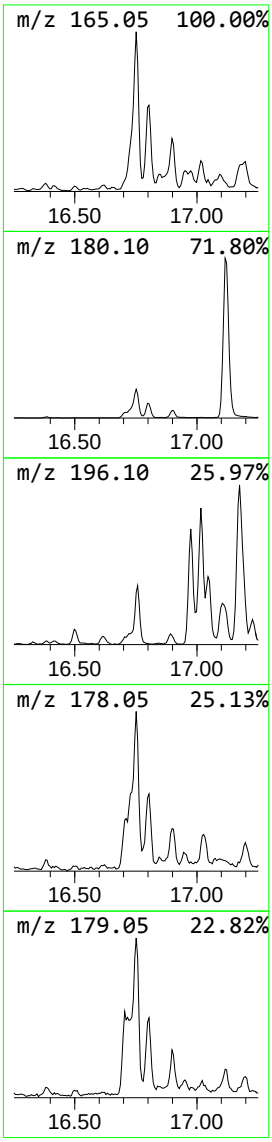
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	3.91 ng/ul	1191090	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	93
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

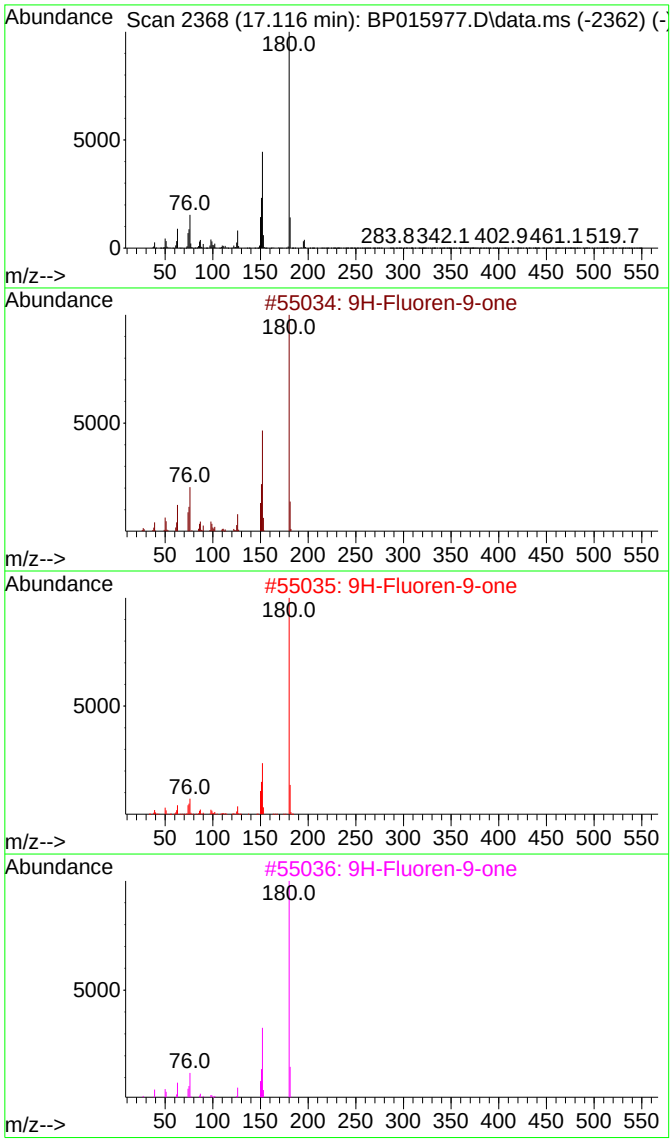
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

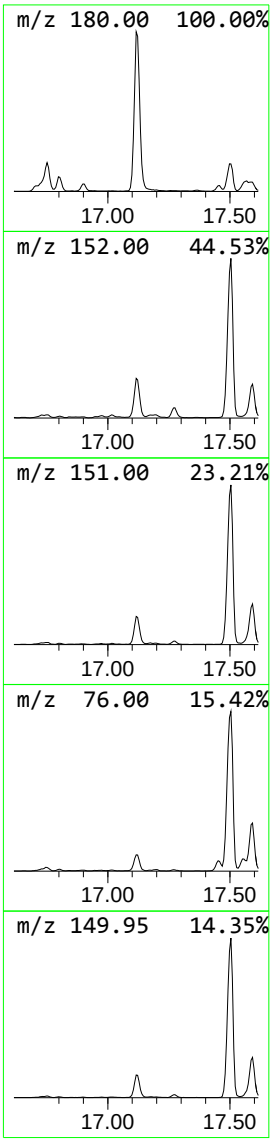
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	6.76 ng/ul	2059330	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

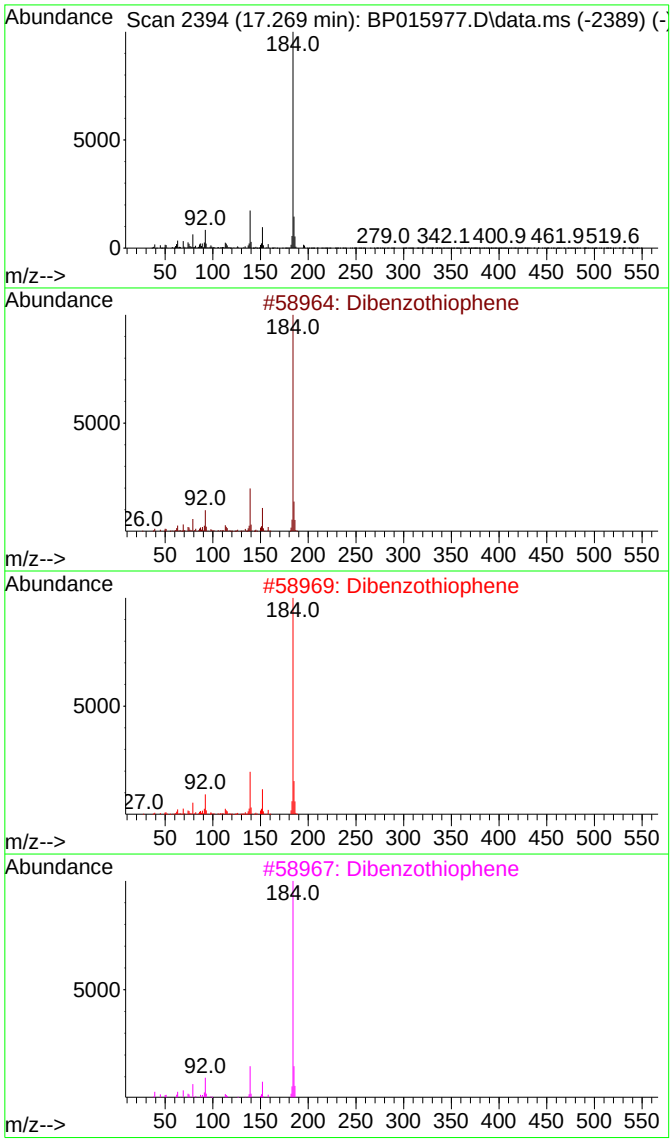
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

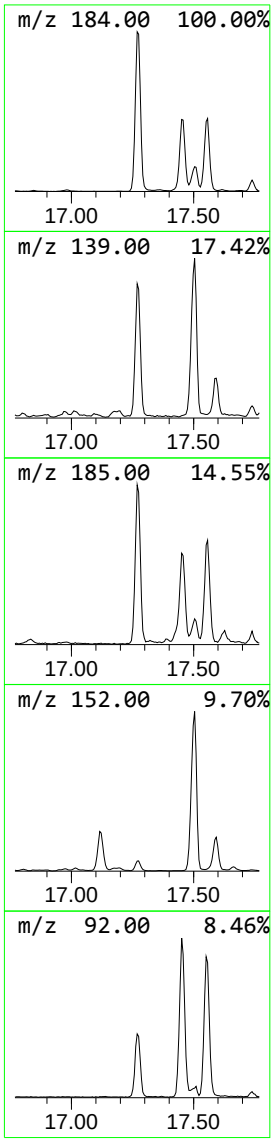
****

Peak Number 7 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.269	5.59 ng/ul	1701800	Phenanthrene-d10	17.451

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	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

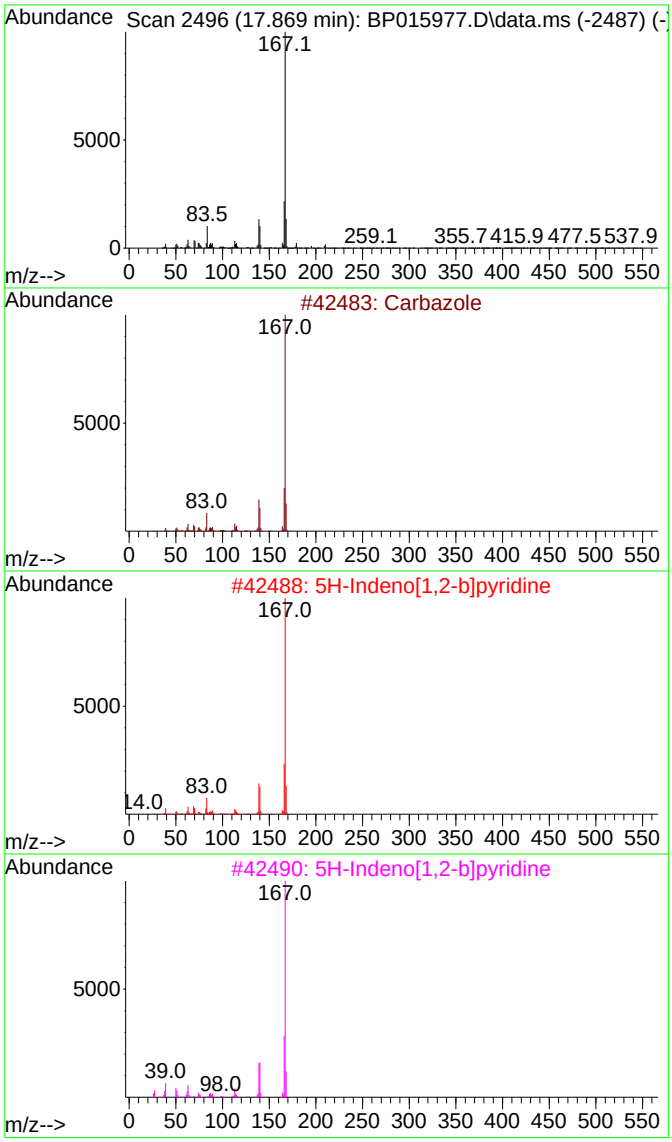
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

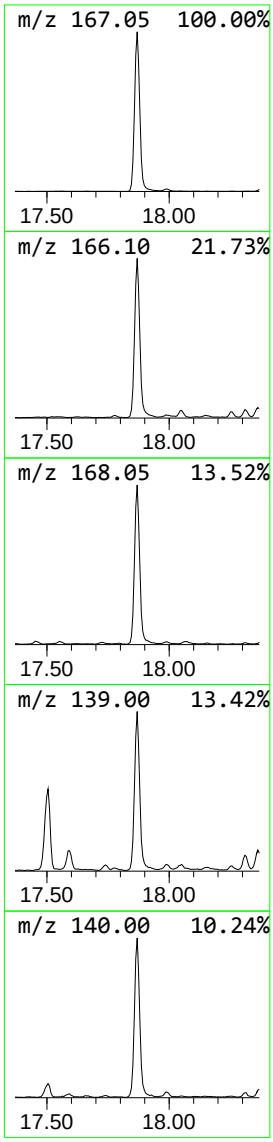
****

Peak Number 9 Carba zole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.869	21.87 ng/ul	6658400	Phenanthrene-d10	17.451

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	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

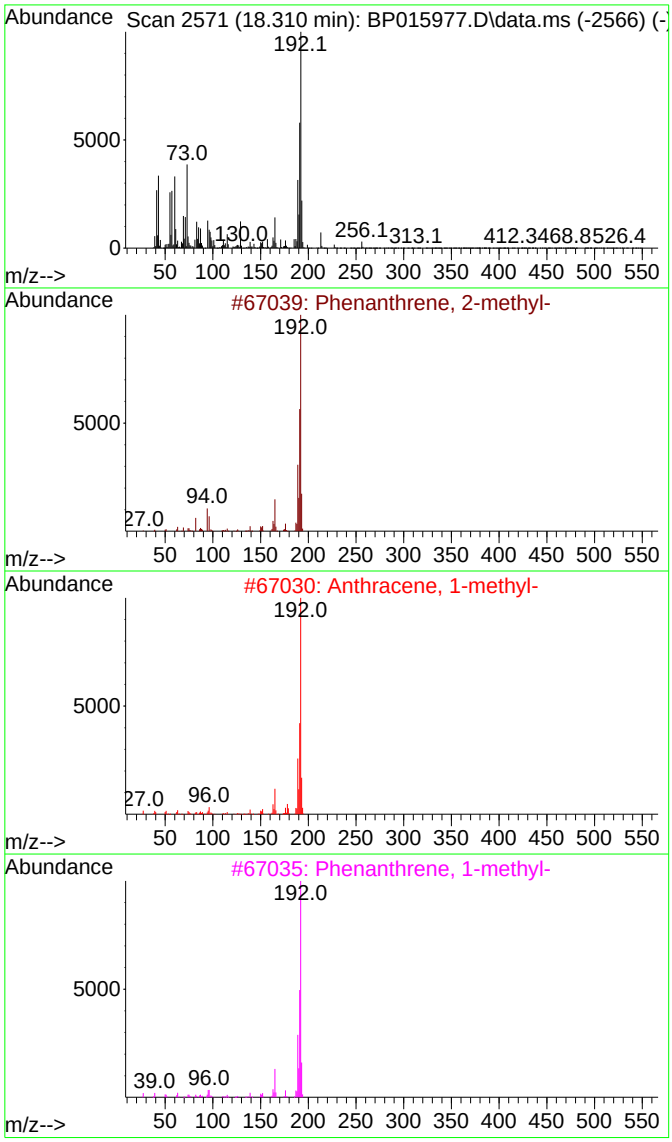
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

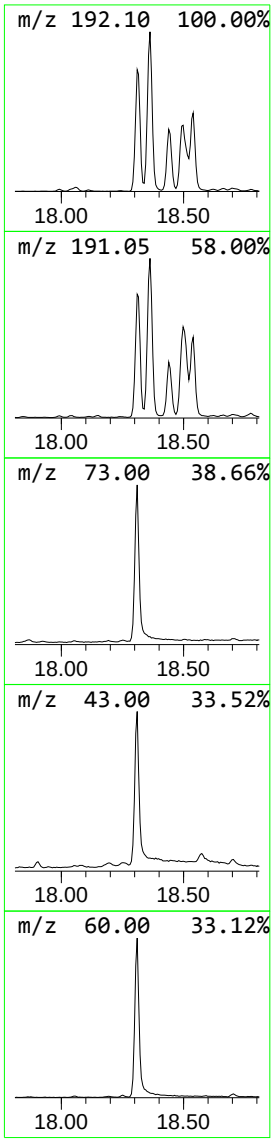
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	19.24 ng/ul	5856620	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

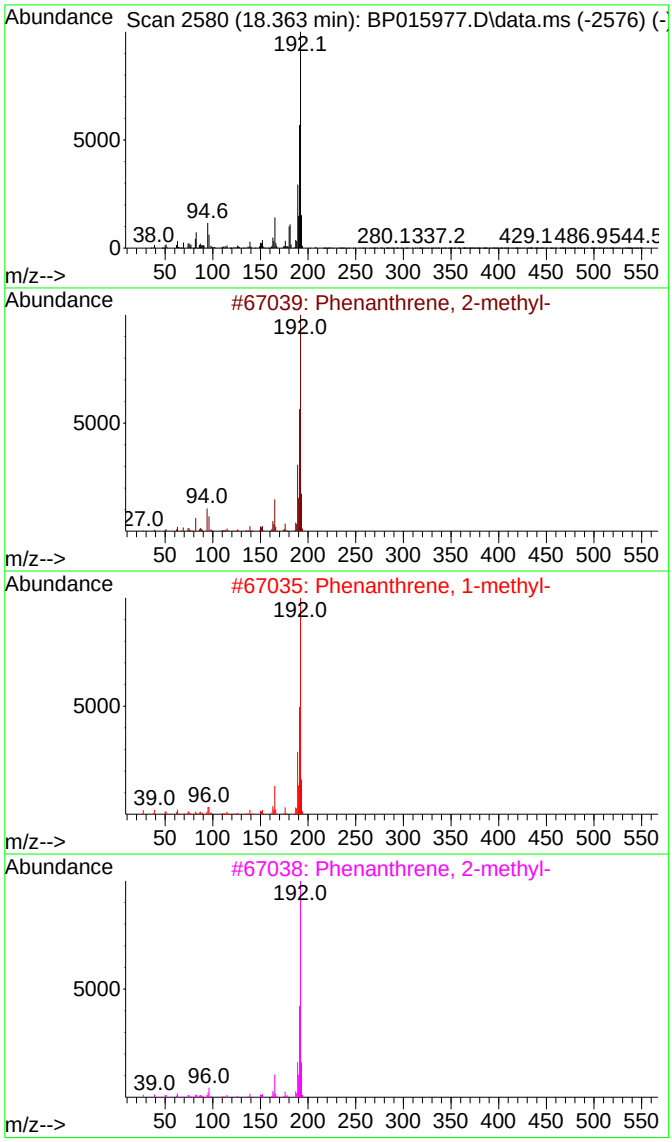
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

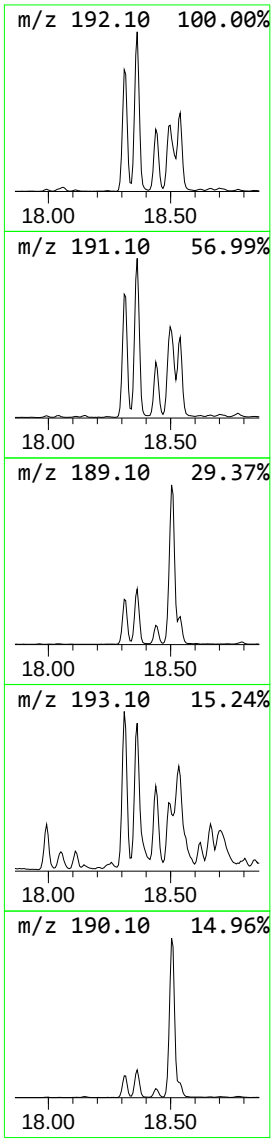
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	14.40 ng/ul	4382220	Phenanthrene-d10	17.451

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

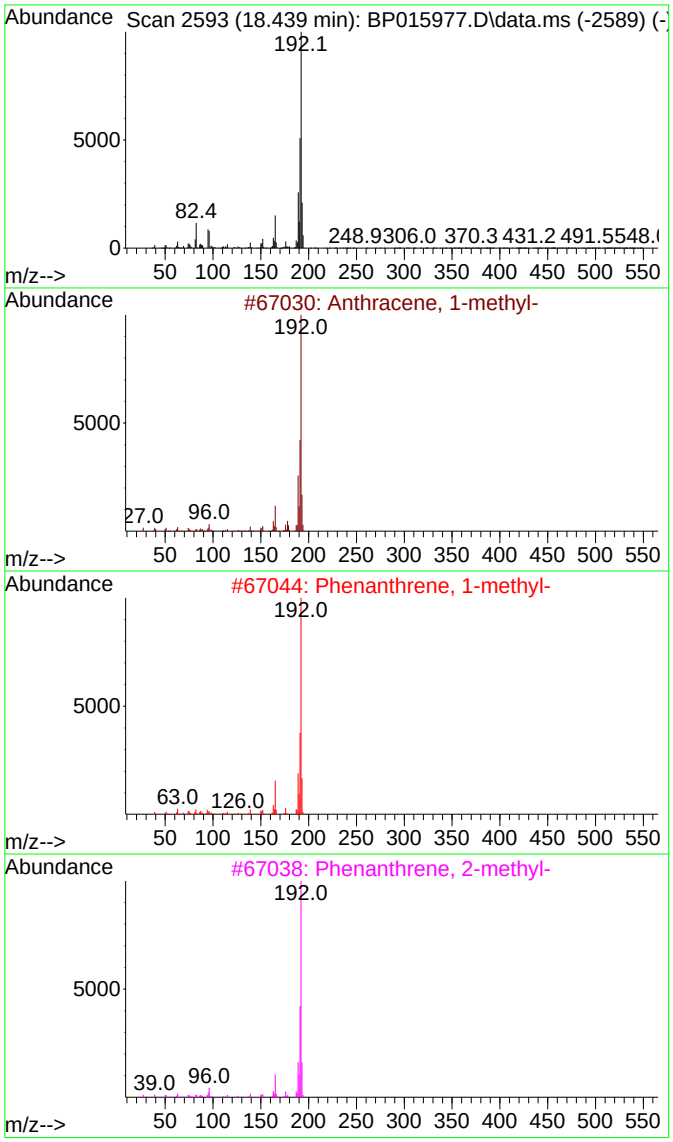
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

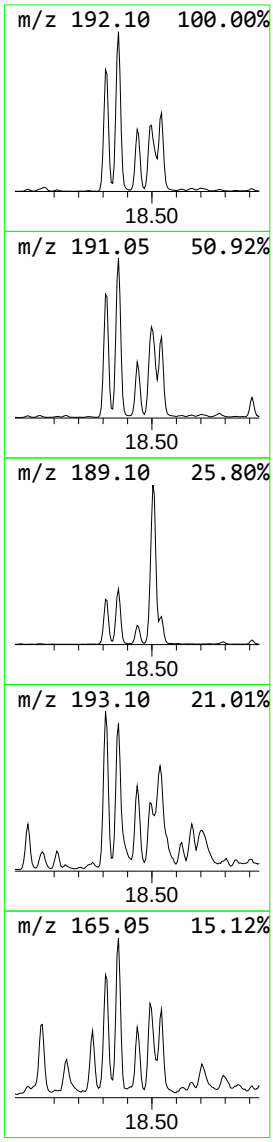
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	4.59 ng/ul	1396240	Phenanthrene-d10	17.451

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

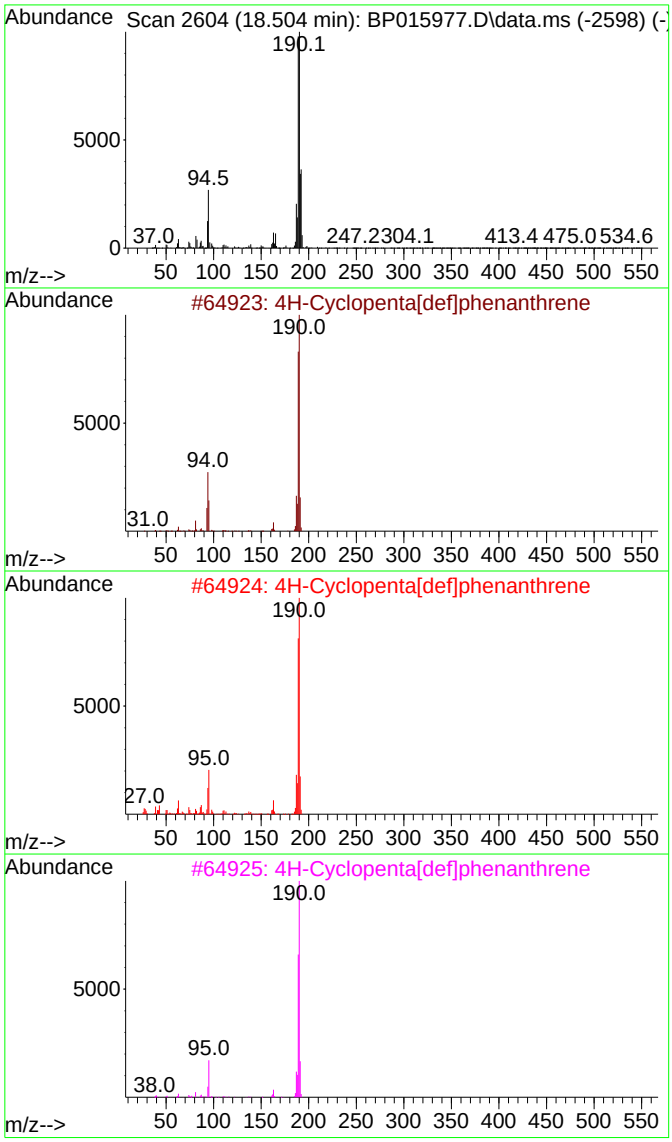
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

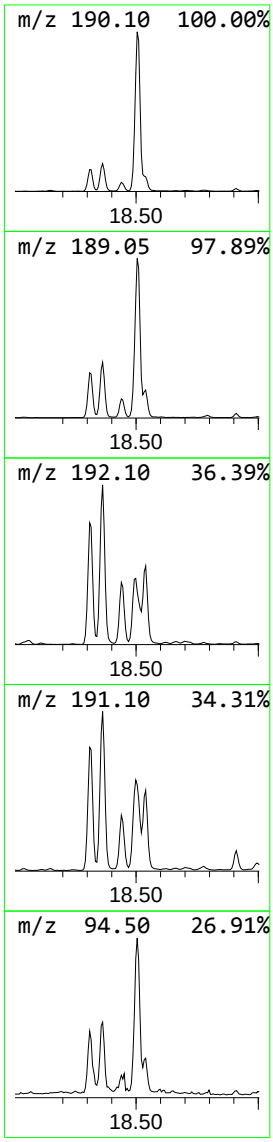
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	17.20 ng/ul	5236840	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

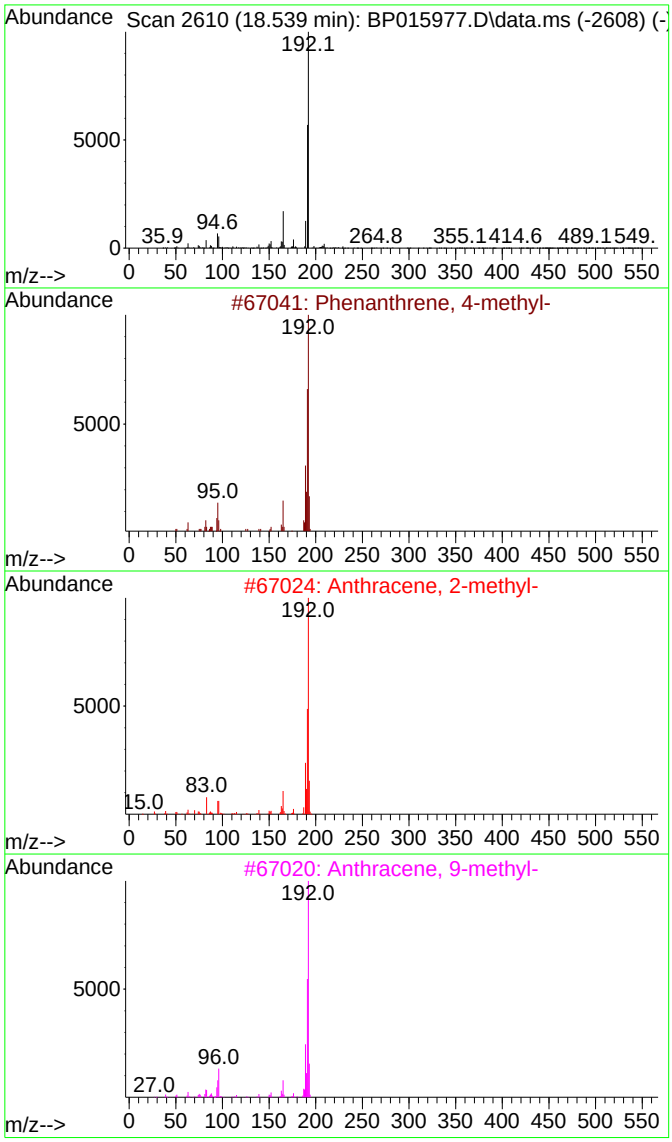
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

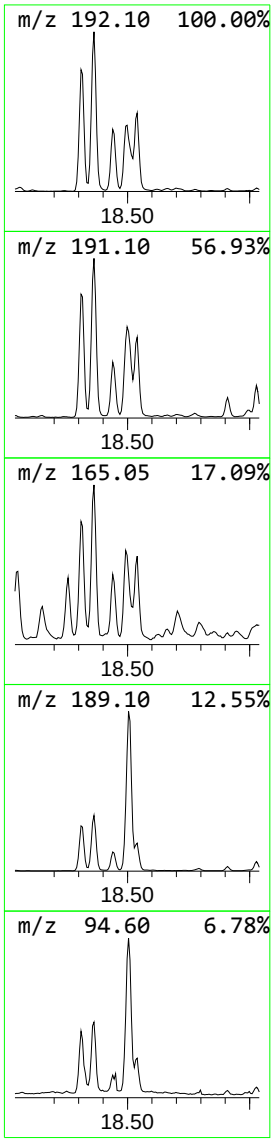
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	4.74 ng/ul	1443110	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

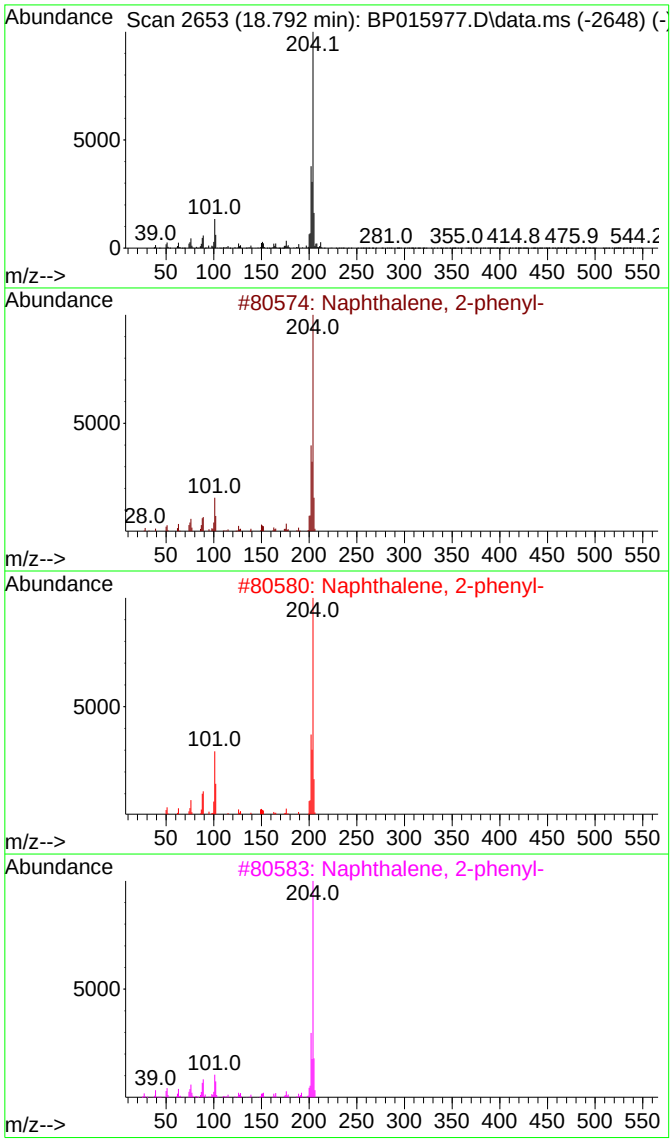
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

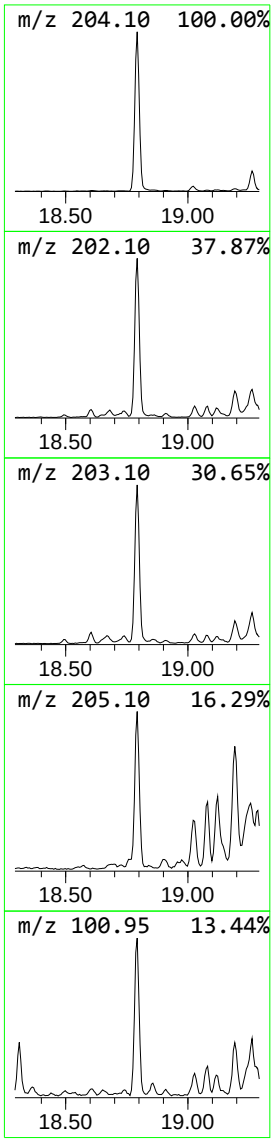
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.792	6.36 ng/ul	1937090	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

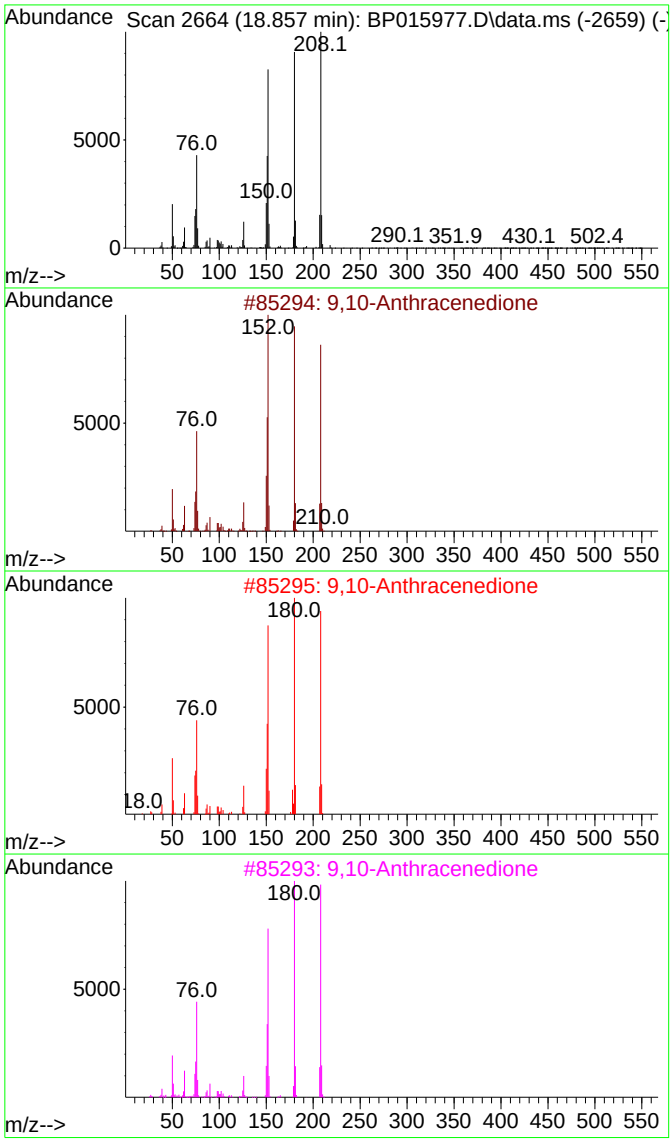
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

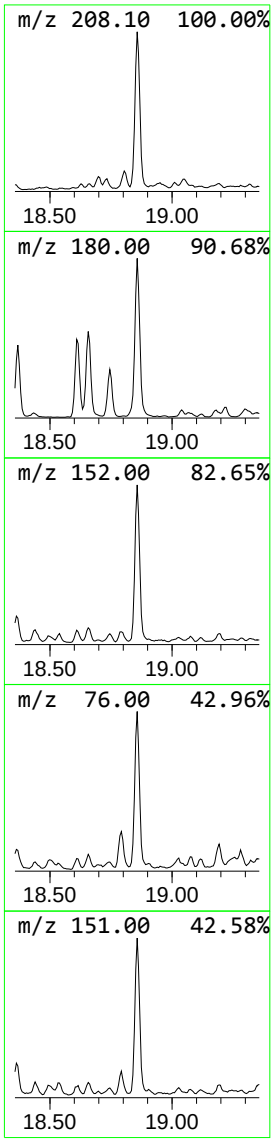
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	6.21 ng/ul	1889570	Phenanthrene-d10	17.451

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	99
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

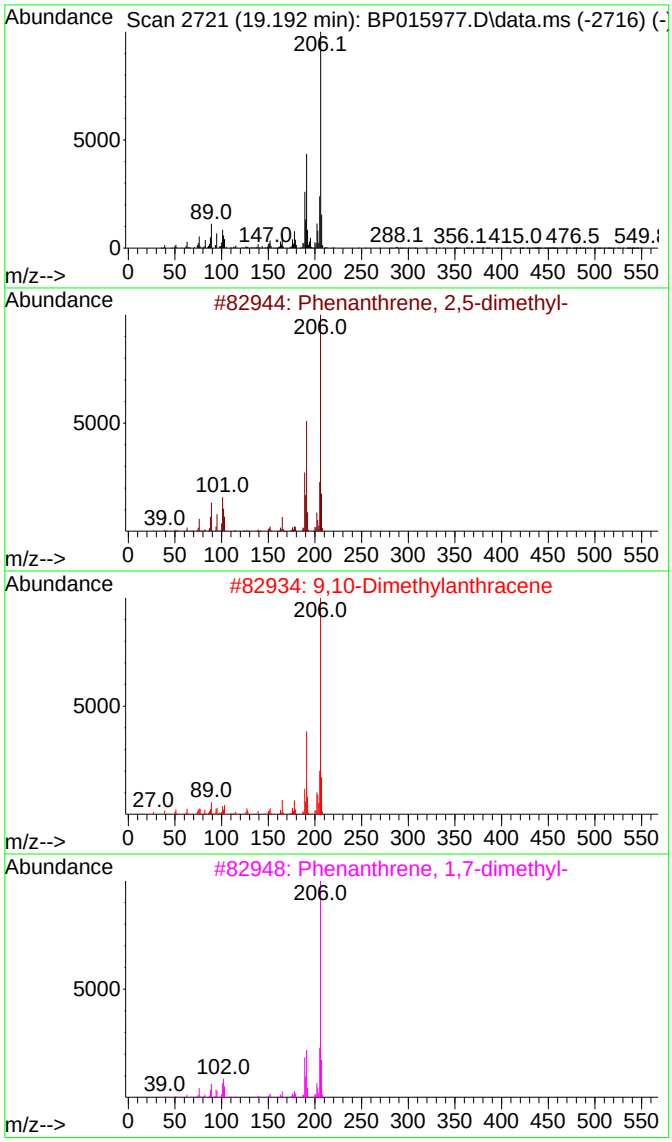
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

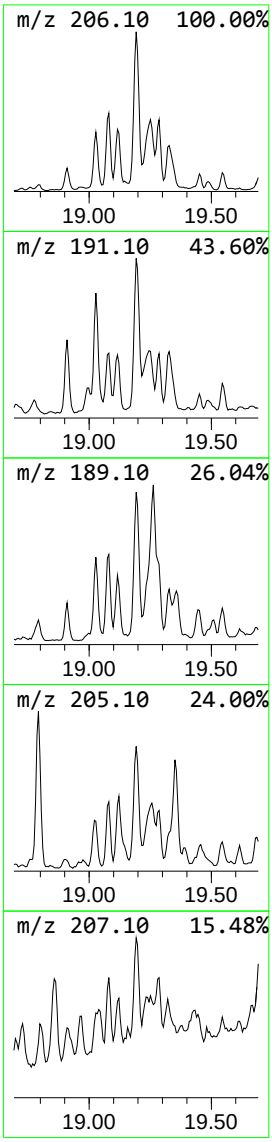
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	5.09 ng/ul	1548860	Phenanthrene-d10	17.451

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, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

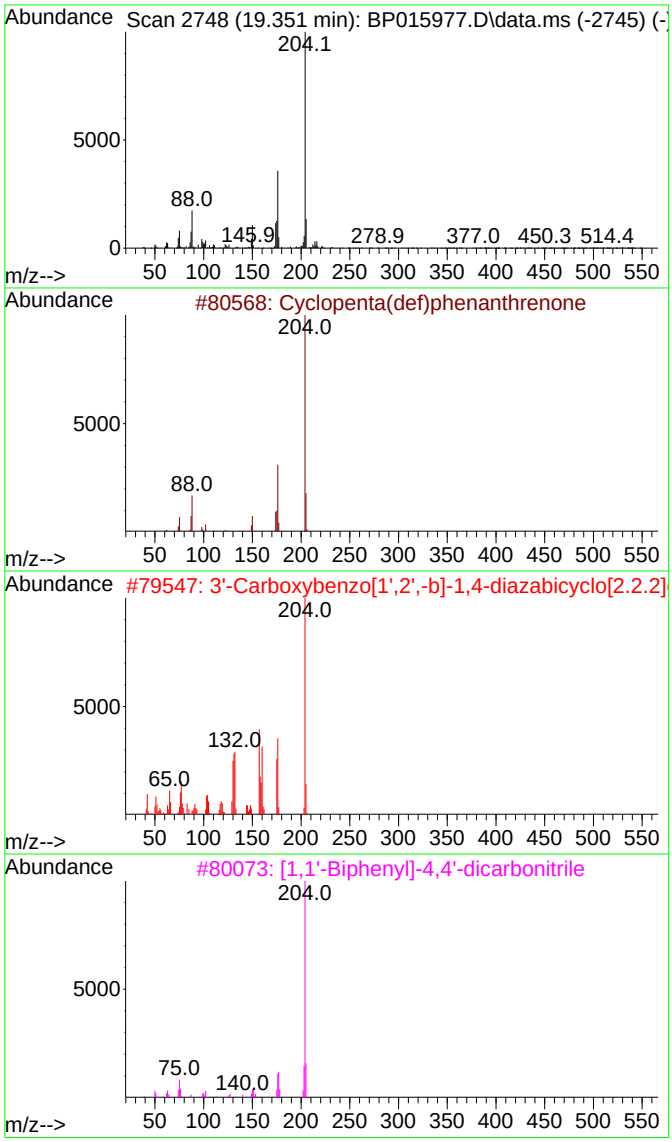
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

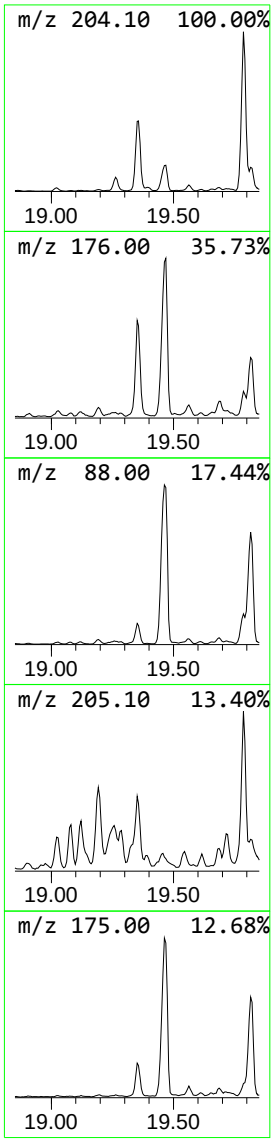
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	4.64 ng/ul	1411410	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

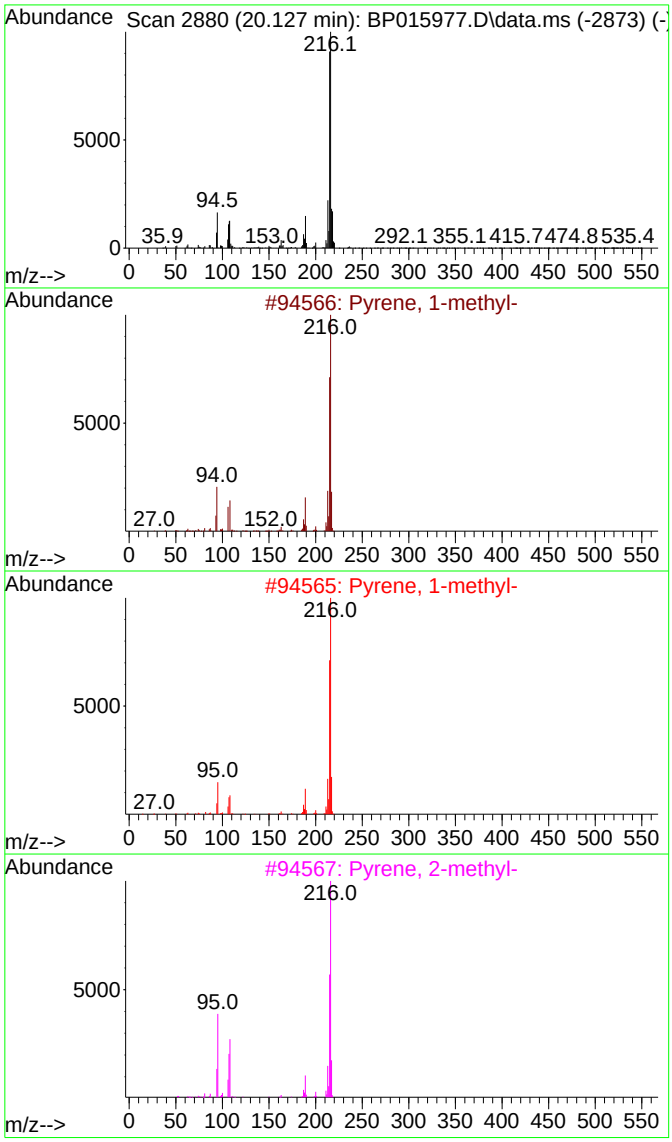
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

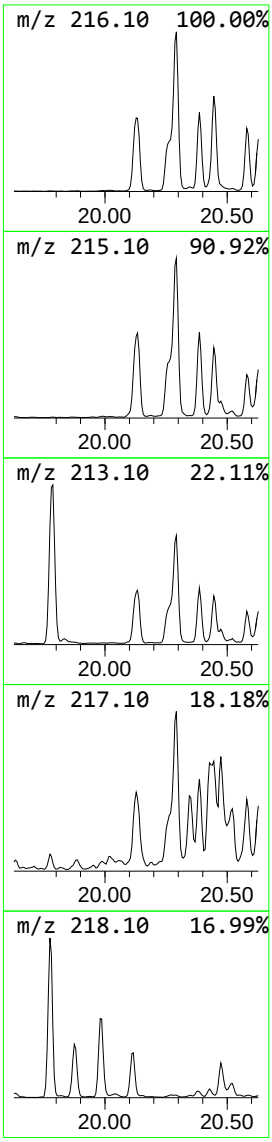
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	2.73 ng/ul	3354570	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

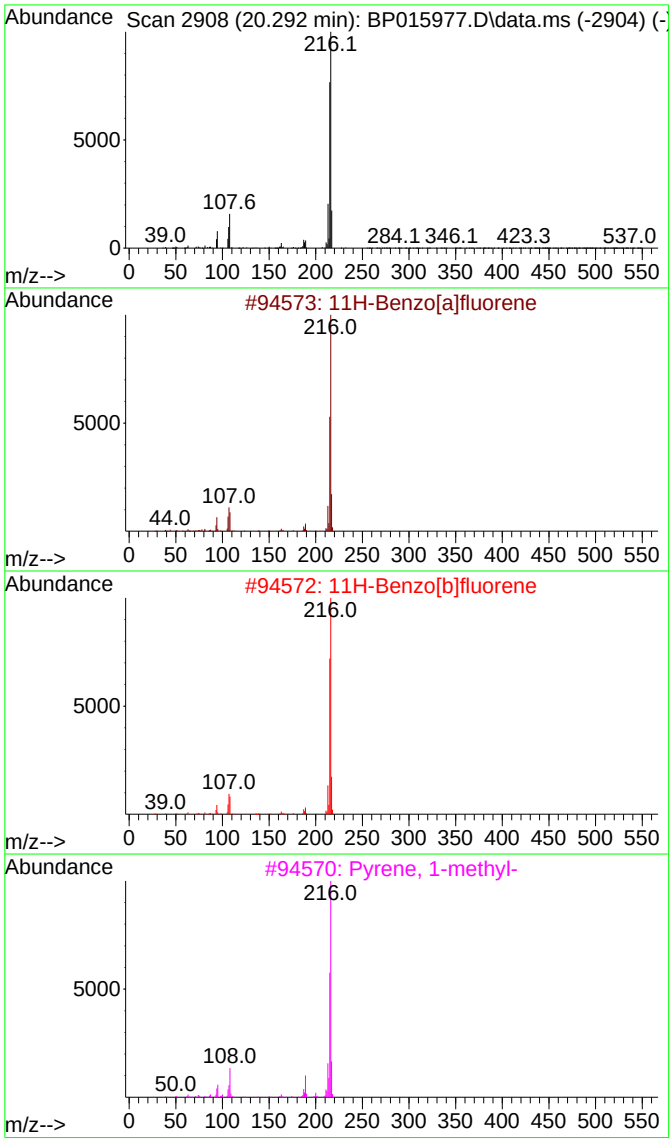
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

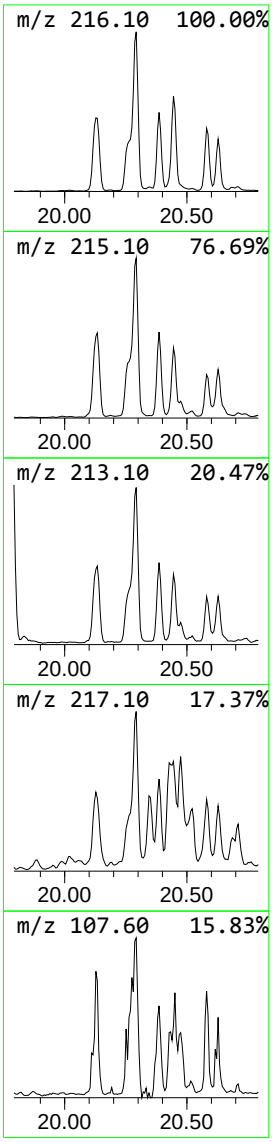
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 11H-Benzo[a]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.292	2.82 ng/ul	3465320	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

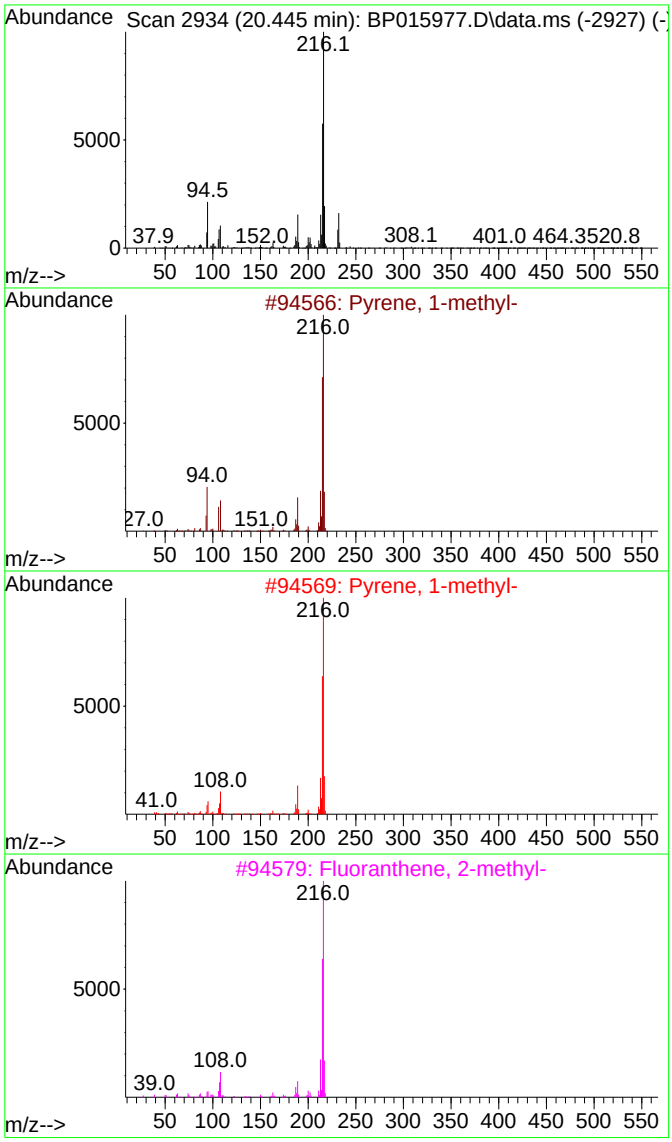
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

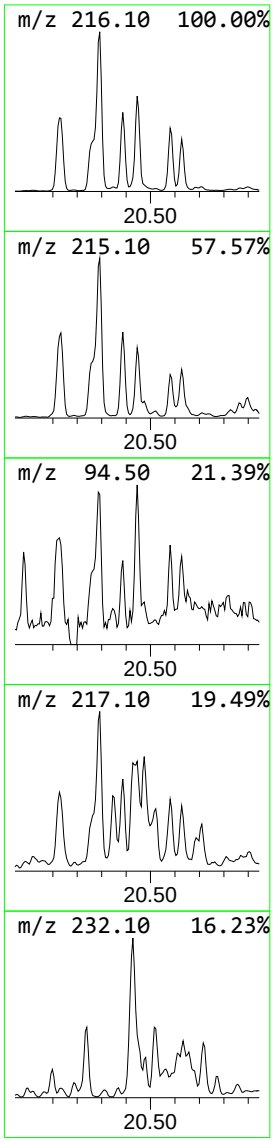
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	2.42 ng/ul	2969610	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

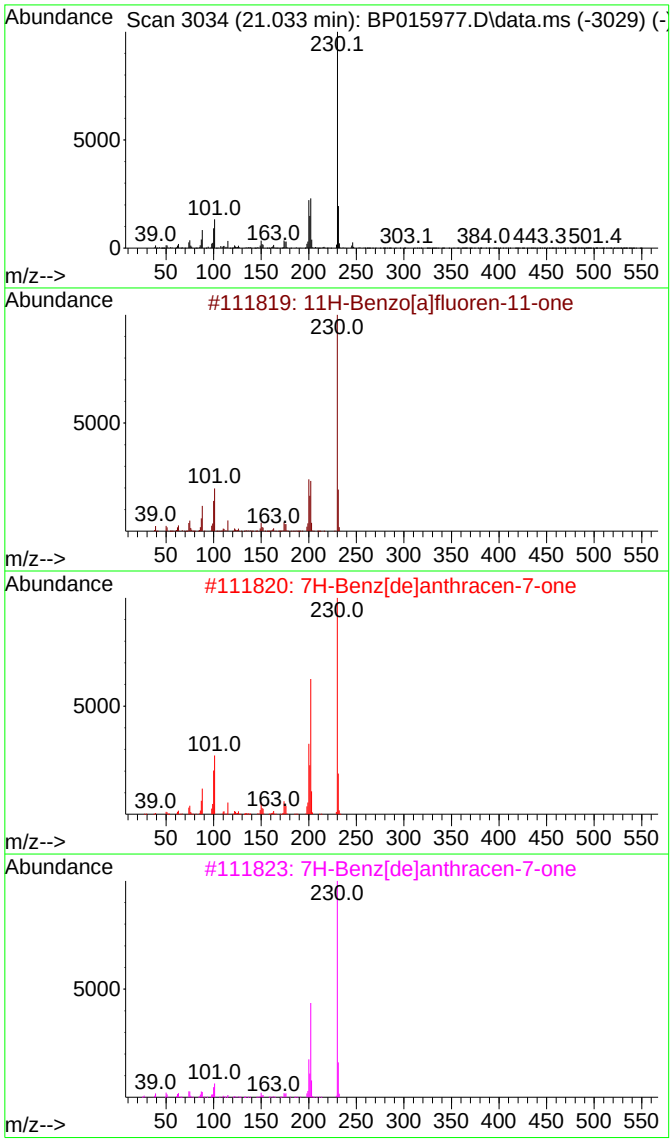
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

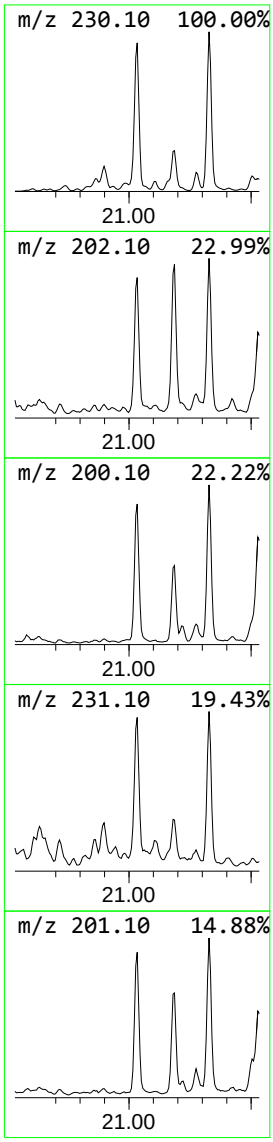
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.033	2.91 ng/ul	3574040	Chrysene-d12	21.545

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	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

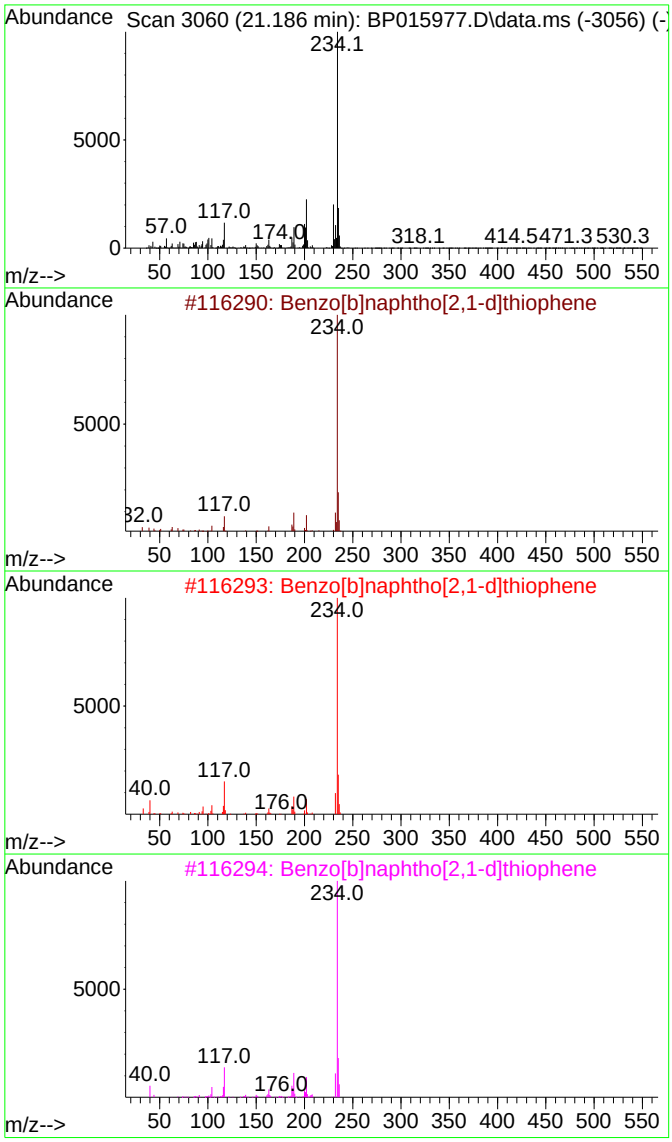
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

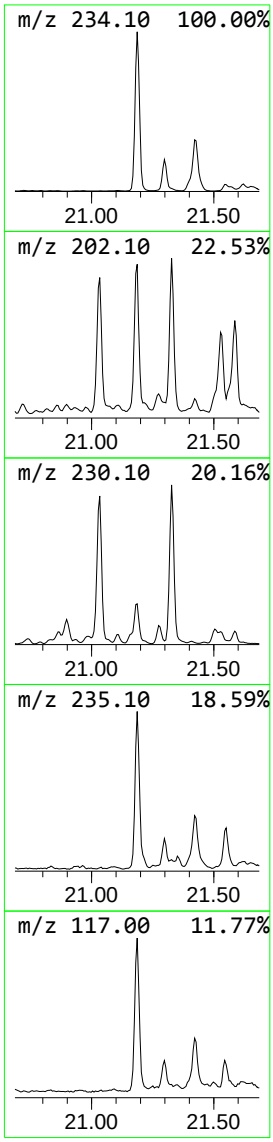
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	3.58 ng/ul	4394590	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

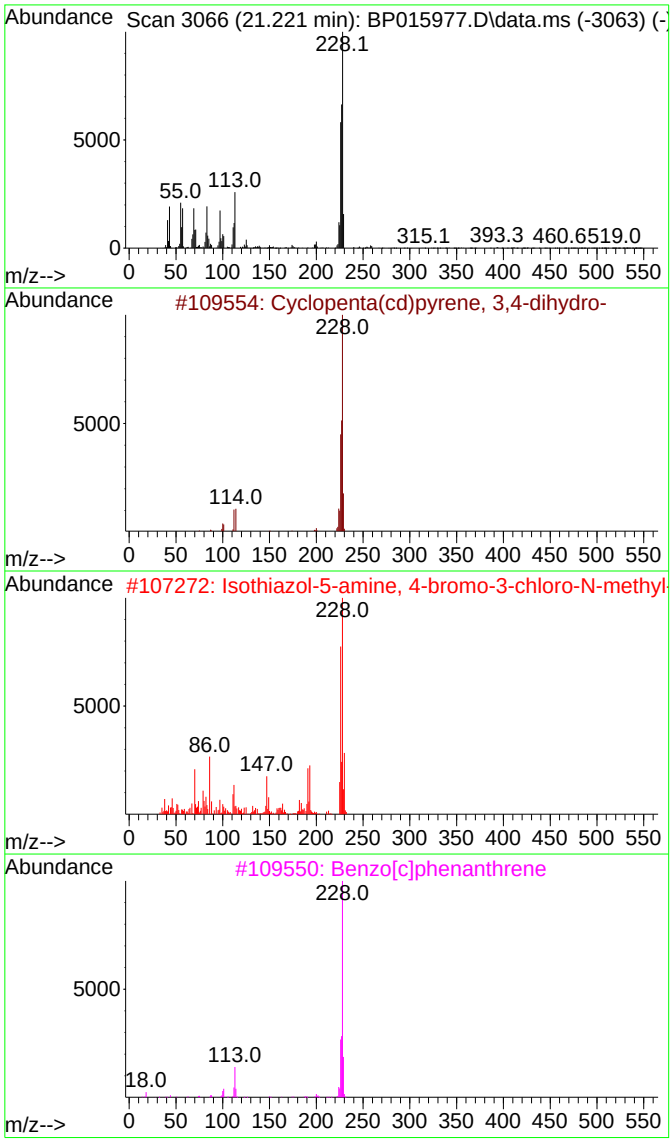
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

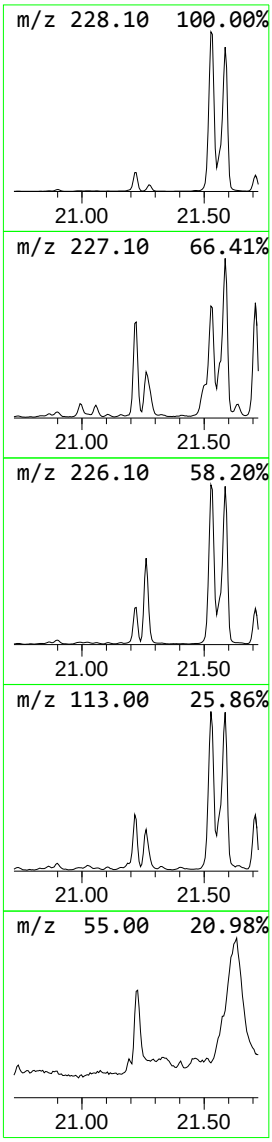
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	2.85 ng/ul	3500470	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	58
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
5	5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

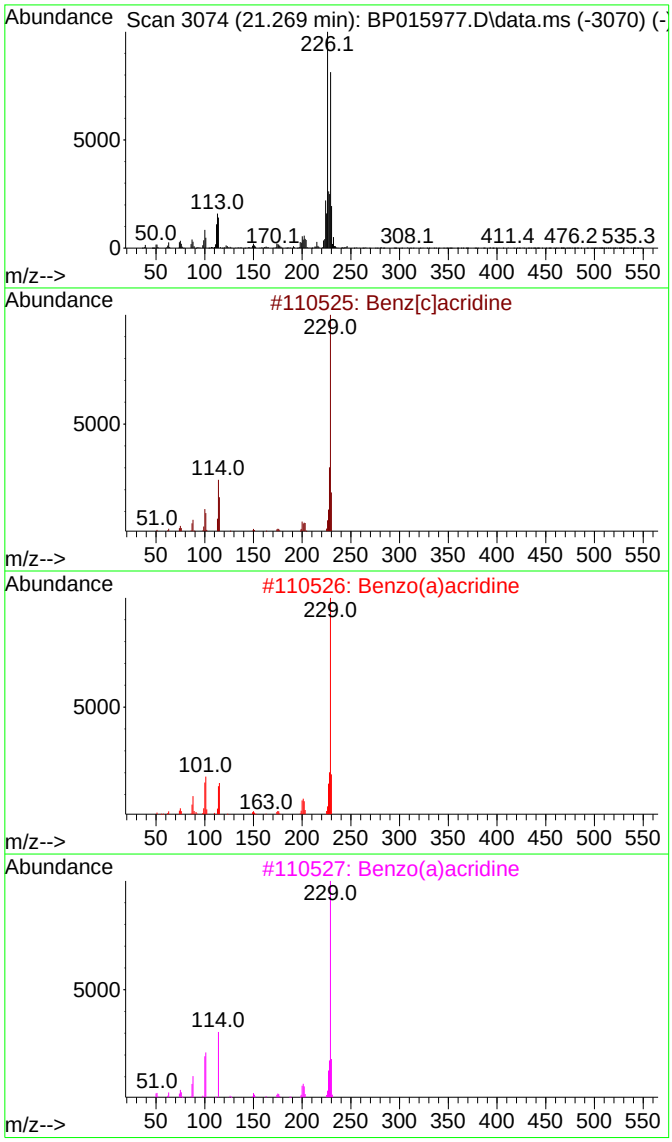
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

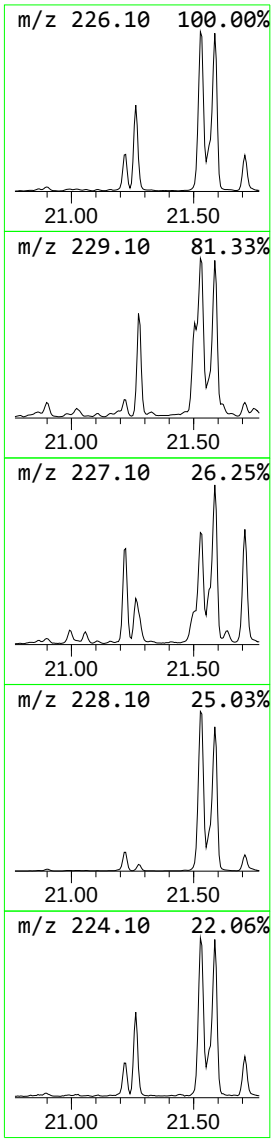
****

Peak Number 27 Benz[c]acridine Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.269	3.55 ng/ul	4362510	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	43
2	Benzo(a)acridine	229	C17H11N	000225-11-6	41
3	Benzo(a)acridine	229	C17H11N	000225-11-6	41
4	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	35
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

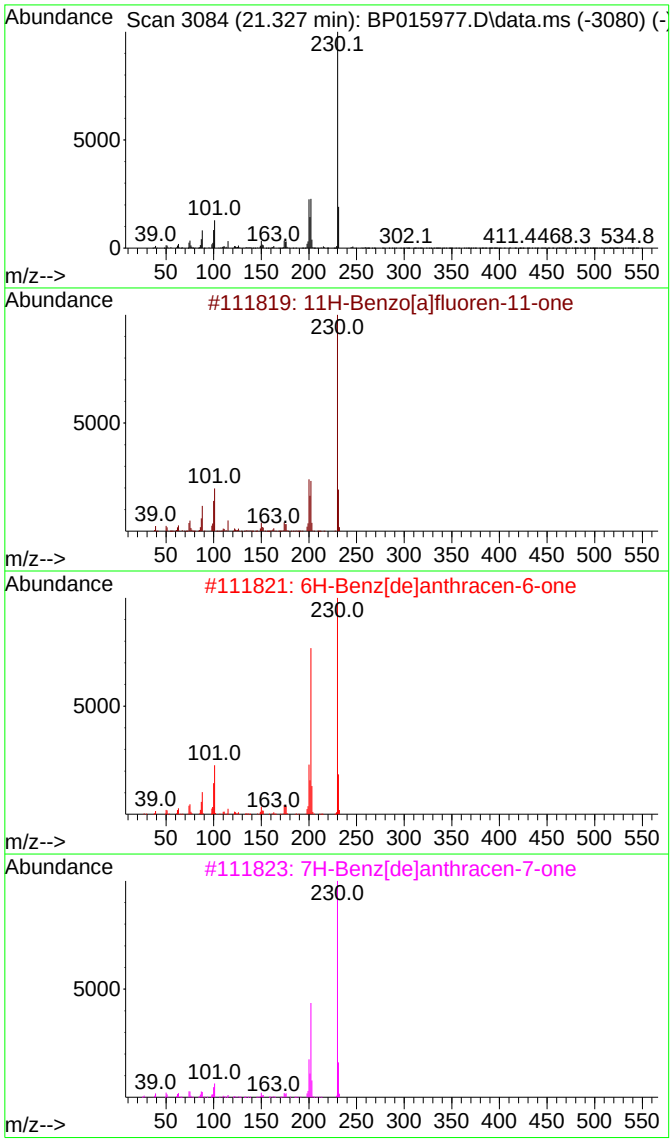
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

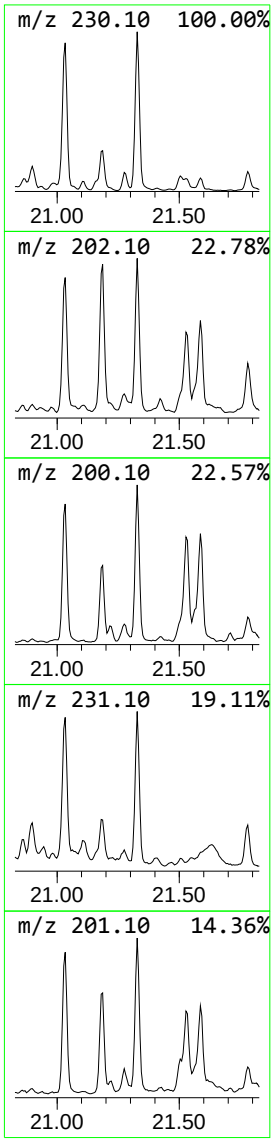
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 6H-Benz[de]anthracen-6-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.327	3.54 ng/ul	4341540	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

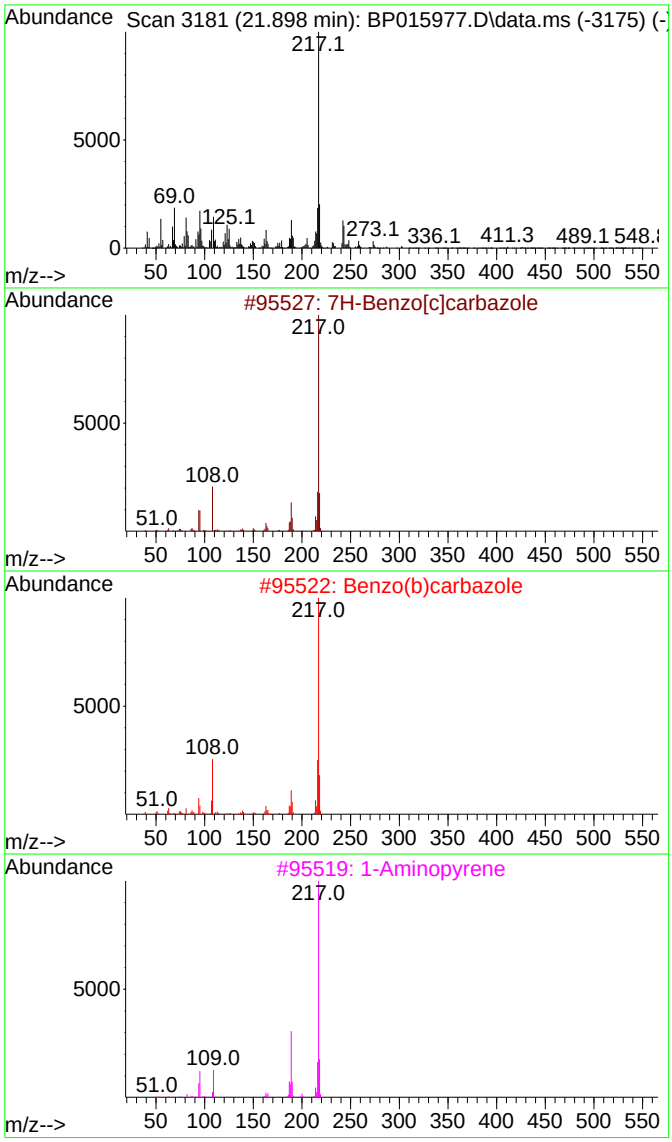
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

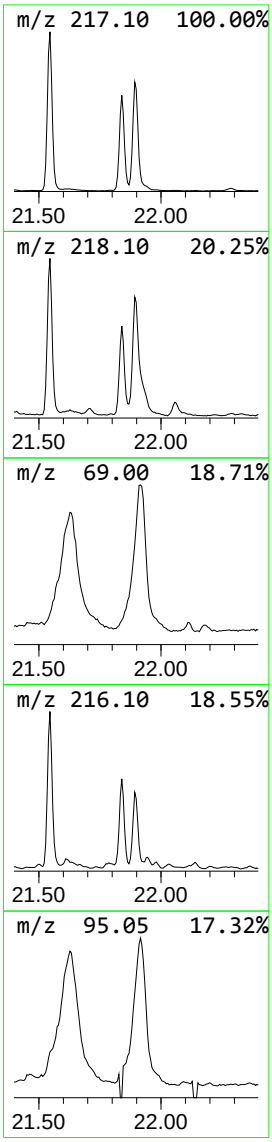
****

Peak Number 29 7H-Benzo[c]carbazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.898	10.45 ng/ul	12838700	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	93
2	Benzo(b)carbazole	217	C16H11N	000243-28-7	86
3	1-Aminopyrene	217	C16H11N	001606-67-3	76
4	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	76
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

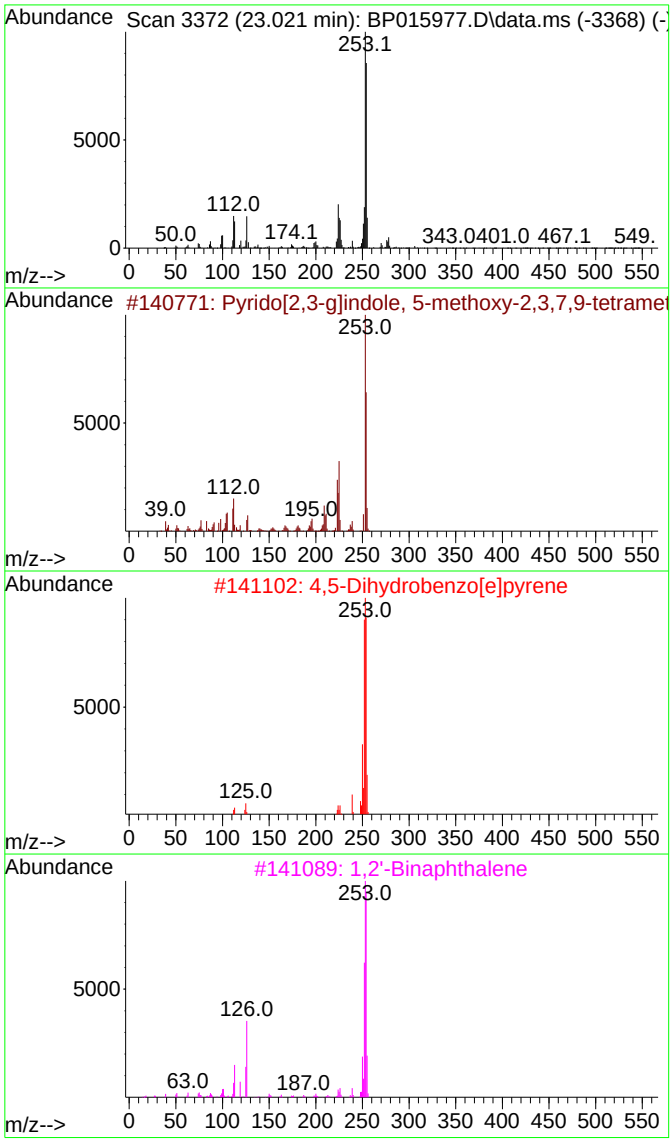
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

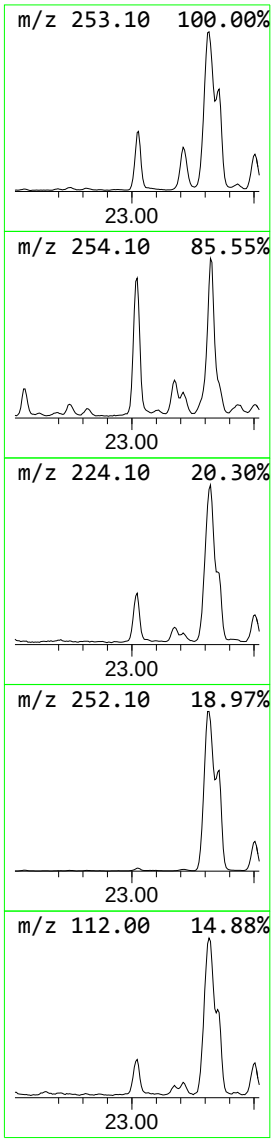
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Pyrido[2,3-g]indole, 5-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.021	7.01 ng/ul	1471170	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	80
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	64
4	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	59
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

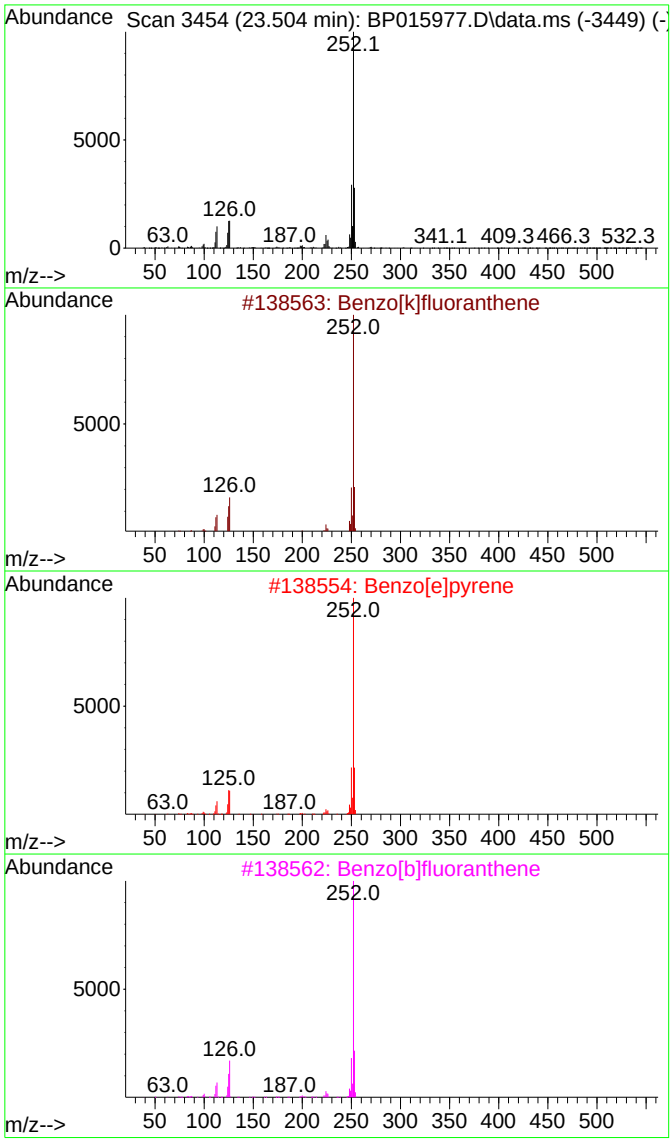
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

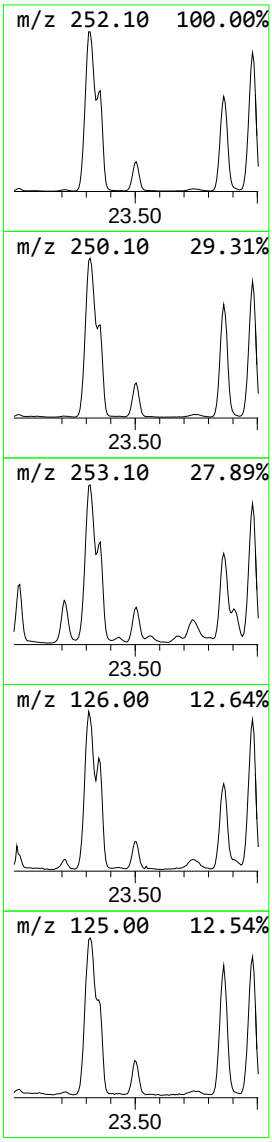
****

Peak Number 31 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	11.03 ng/ul	2313380	Perylene-d12	24.086

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

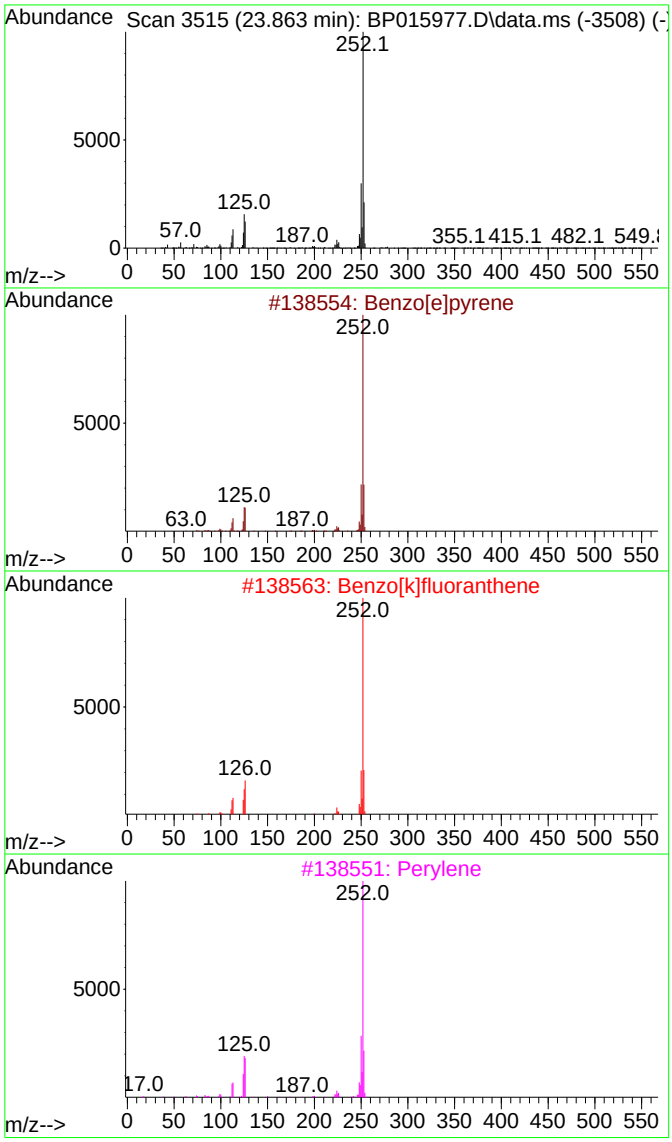
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

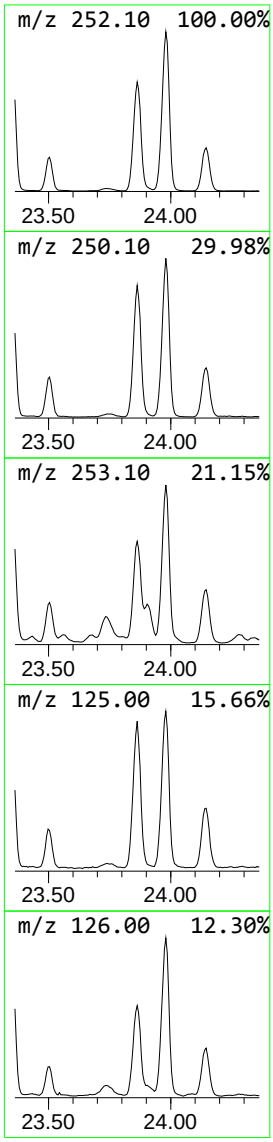
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.863	43.76 ng/ul	9177840	Perylene-d12	24.086

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	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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

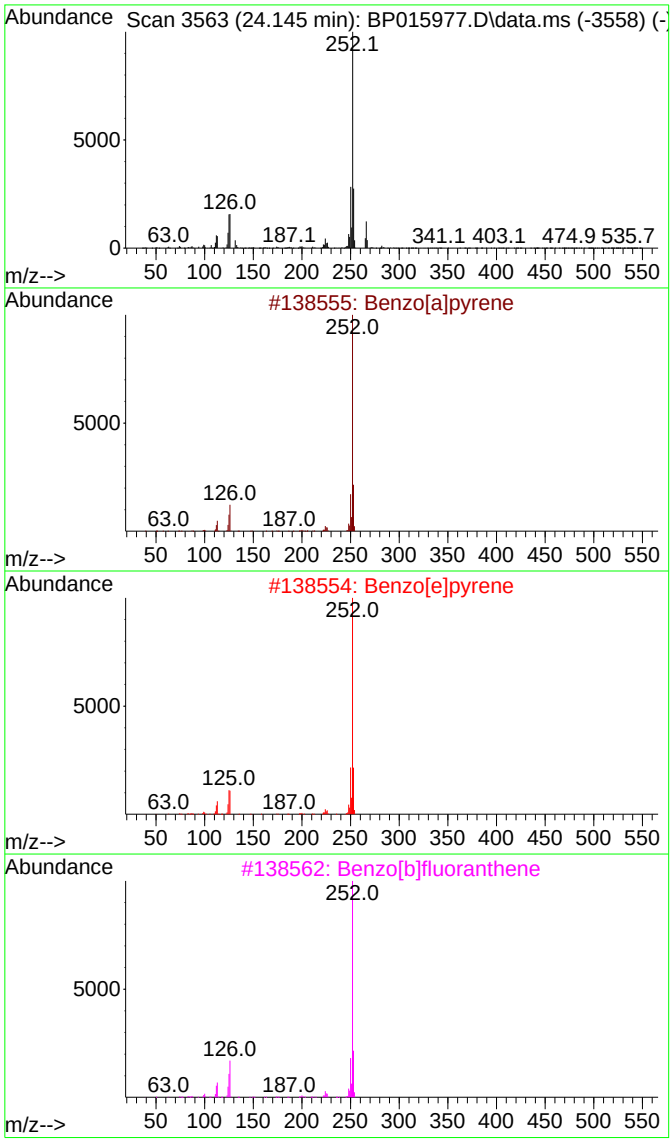
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

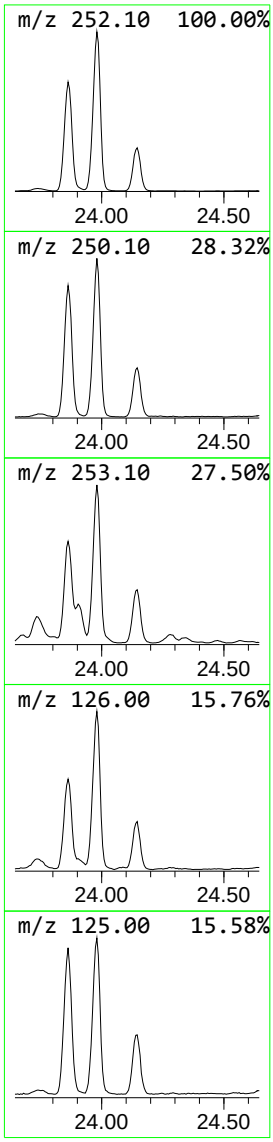
****

Peak Number 33 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.145	19.25 ng/ul	4036630	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
Data File : BP015977.D
Acq On : 04 Jul 2023 15:42
Operator : MA/JU
Sample : 03244-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGE7

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
Naphthalene, 2,...	14.010	2.4	ng/ul	664623	3	14.692	5532100	20.0
Dibenzo furan	15.092	8.2	ng/ul	2257090	3	14.692	5532100	20.0
Benzophenone	16.051	6.8	ng/ul	1869500	3	14.692	5532100	20.0
[1,1'-Biphenyl]...	16.186	3.6	ng/ul	1101640	4	17.451	6088350	20.0
9H-Fluorene, 1-...	16.751	3.9	ng/ul	1191090	4	17.451	6088350	20.0
9H-Fluoren-9-one	17.116	6.8	ng/ul	2059330	4	17.451	6088350	20.0
Dibenzothiophene	17.269	5.6	ng/ul	1701800	4	17.451	6088350	20.0
Carba zole	17.869	21.9	ng/ul	6658400	4	17.451	6088350	20.0
Phenanthrene, 2...	18.310	19.2	ng/ul	5856620	4	17.451	6088350	20.0
Phenanthrene, 1...	18.363	14.4	ng/ul	4382220	4	17.451	6088350	20.0
Anthracene, 1-m...	18.439	4.6	ng/ul	1396240	4	17.451	6088350	20.0
4H-Cyclopenta[d...	18.504	17.2	ng/ul	5236840	4	17.451	6088350	20.0
Phenanthrene, 4...	18.539	4.7	ng/ul	1443110	4	17.451	6088350	20.0
Naphthalene, 2-...	18.792	6.4	ng/ul	1937090	4	17.451	6088350	20.0
9,10-Anthracene...	18.857	6.2	ng/ul	1889570	4	17.451	6088350	20.0
Phenanthrene, 2...	19.192	5.1	ng/ul	1548860	4	17.451	6088350	20.0
Cyclopenta(def)...	19.351	4.6	ng/ul	1411410	4	17.451	6088350	20.0
Pyrene, 1-methyl-	20.127	2.7	ng/ul	3354570	5	21.545	24560800	20.0
11H-Benzo[a]flu...	20.292	2.8	ng/ul	3465320	5	21.545	24560800	20.0
Fluoranthene, 2...	20.445	2.4	ng/ul	2969610	5	21.545	24560800	20.0
11H-Benzo[a]flu...	21.033	2.9	ng/ul	3574040	5	21.545	24560800	20.0
Benzo[b]naphtho...	21.186	3.6	ng/ul	4394590	5	21.545	24560800	20.0
Cyclopenta(cd)p...	21.221	2.9	ng/ul	3500470	5	21.545	24560800	20.0
Benz[c]acridine	21.269	3.5	ng/ul	4362510	5	21.545	24560800	20.0
6H-Benz[de]anth...	21.327	3.5	ng/ul	4341540	5	21.545	24560800	20.0
7H-Benzo[c]carb...	21.898	10.4	ng/ul	12838700	5	21.545	24560800	20.0
Pyrido[2,3-g]in...	23.021	7.0	ng/ul	1471170	6	24.086	4194850	20.0
Benzo[e]pyrene	23.504	11.0	ng/ul	2313380	6	24.086	4194850	20.0
Perylene	23.863	43.8	ng/ul	9177840	6	24.086	4194850	20.0
unknown-01	24.145	19.3	ng/ul	4036630	6	24.086	4194850	20.0