LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BP013027.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.975	806	814	823	rBV	2391512	3822647	10.65%	1.136%
2	10.787	1279	1292	1298	rBV	3602935	5943388	16.56%	1.766%
3	10.840	1298	1301	1306	rVB	213045	314857	0.88%	0.094%
4	12.440	1566	1573	1579	rVB	261032	385168	1.07%	0.114%
5	12.657	1600	1610	1621	rVB	611524	987114	2.75%	0.293%
6	13.445	1738	1744	1750	rBV	404342	602240	1.68%	0.179%
7	13.781	1791	1801	1810	rBV3	97127	275381	0.77%	0.082%
8	13.934	1817	1827	1833	rBV	677125	1227405	3.42%	0.365%
9	14.016	1837	1841	1846	rVV	230419	330593	0.92%	0.098%
10	14.169	1856	1867	1871	rBV2	444278	877668	2.44%	0.261%
11	14.304	1885	1890	1892	rVV	230808	334431	0.93%	0.099%
12	14.334	1892	1895	1906	rVB	280207	436443	1.22%	0.130%
13	14.610	1931	1942	1948	rVV	5428859	8733631	24.33%	2.595%
14	14.675	1948	1953	1961	rVV	8122590	11710652	32.62%	3.479%
15	14.822	1971	1978	1986	rVB3	144504	385738	1.07%	0.115%
16	14.922	1986	1995	2000	rBV	401488	662695	1.85%	0.197%
17	15.010	2003	2010	2016	rVB	4528123	6448458	17.96%	1.916%
18	15.081	2018	2022	2026	rBV	228378	291827	0.81%	0.087%
19	15.228	2041	2047	2052	rBV2	244579	423652	1.18%	0.126%
20	15.281	2052	2056	2062	rVB2	220723	326163	0.91%	0.097%
21	15.398	2069	2076	2079	rBV3	151044	309715	0.86%	0.092%
22	15.434	2079	2082	2088	rVB3	125511	243577	0.68%	0.072%
23	15.604	2108	2111	2115	rVV	325880	451281	1.26%	0.134%
24	15.663	2115	2121	2130	rVV	9096644	12887492	35.90%	3.829%
25	15.757	2132	2137	2139	rVV	326120	555327	1.55%	0.165%
26	15.786	2139	2142	2145	rVV	653947	945756	2.63%	0.281%
27	15.822	2145	2148	2152	rVV2	784575	1157028	3.22%	0.344%
28	15.869	2152	2156	2159	rVV2	280873	483489	1.35%	0.144%
29	15.910	2159	2163	2166	rVV	516044	780521	2.17%	0.232%
30	15.951	2166	2170	2178	rVB	1050300	1635175	4.56%	0.486%
31	16.104	2187	2196	2203	rVV	1089257	2332611	6.50%	0.693%
32	16.192	2209	2211	2217	rVB	221036	296860	0.83%	0.088%
33	16.316	2227	2232	2233	rBV2	372486	472022	1.31%	0.140%
34	16.339	2233	2236	2244	rVB2	503425	713078	1.99%	0.212%
35	16.457	2253	2256	2262	rVB3	154905	262572	0.73%	0.078%
36	16.669	2280	2292	2297	rBV2	860919	1892650	5.27%	0.562%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	16.716	2297	2300	2306	rVV2	426937	710720	1.98%	0.211%
38	16.816	2314	2317	2322	rVB	393512	556300	1.55%	0.165%
39	16.939	2334	2338	2341	rVB2	296428	398249	1.11%	0.118%
40	17.022	2348	2352	2358	rVB3	210761	372846	1.04%	0.111%
41	17.098	2360	2365	2366	rBV2	419227	575522	1.60%	0.171%
42	17.186	2374	2380	2389	rVB	1853534	2889772	8.05%	0.859%
43	17.375	2405	2412	2415	rBV	6677870	10741733	29.92%	3.191%
44	17.416	2415	2419	2425	rVV	21228124	31284892	87.15%	9.295%
45	17.510	2425	2435	2440	rVV	21625564	32501120	90.54%	9.656%
46	17.563	2440	2444	2449	rVB	510082	842974	2.35%	0.250%
47	17.645	2454	2458	2468	rVB	349783	622964	1.74%	0.185%
48	17.775	2474	2480	2489	rBV	6162489	8846795	24.65%	2.628%
49	17.851	2491	2493	2496	rVV2	210236	251038	0.70%	0.075%
50	17.886	2496	2499	2504	rVV2	523001	711860	1.98%	0.211%
51	17.945	2506	2509	2518	rVB2	285275	484396	1.35%	0.144%
52	18.080	2528	2532	2541	rVB	200285	427644	1.19%	0.127%
53	18.192	2548	2551	2553	rBV2	253838	317053	0.88%	0.094%
54	18.233	2553	2558	2562	rVV	1598009	2342954	6.53%	0.696%
55	18.280	2562	2566	2572	rVB	2318767	3175172	8.85%	0.943%
56	18.357	2572	2579	2584	rBV	1403898	2165372	6.03%	0.643%
57	18.422	2584	2590	2594	rVV	6225037	9629438	26.83%	2.861%
58	18.457	2594	2596	2601	rVB	1005874	1080363	3.01%	0.321%
59	18.522	2603	2607	2611	rBV3	412376	506581	1.41%	0.151%
60	18.563	2611	2614	2618	rVB	262512	298144	0.83%	0.089%
61	18.610	2618	2622	2626	rBV5	161423	288840	0.80%	0.086%
62	18.710	2635	2639	2643	rBV	919150	1220228	3.40%	0.363%
63	18.757	2643	2647	2656	rVV2	585085	843936	2.35%	0.251%
64	18.951	2676	2680	2685	rVV2	323433	393518	1.10%	0.117%
65	18.998	2685	2688	2691	rVV	295258	343521	0.96%	0.102%
66	19.033	2691	2694	2698	rVB	348482	409154	1.14%	0.122%
67	19.116	2703	2708	2713	rBV2	632133	1212449	3.38%	0.360%
68	19.180	2713	2719	2722	rBV2	548699	902441	2.51%	0.268%
69	19.251	2728	2731	2733	rBV	202697	277554	0.77%	0.082%
70	19.374	2746	2752	2758	rBV	24727005	35896787	100.00%	10.665%
71	19.427	2758	2761	2764	rVV	289312	369352	1.03%	0.110%
72	19.469	2764	2768	2772	rVB	594364	736389	2.05%	0.219%
73	19.610	2786	2792	2801	rVB2	1111288	2047577	5.70%	0.608%
74	19.698	2801	2807	2808	rBV	4516668	6059206	16.88%	1.800%
75	19.727	2808	2812	2819	rVV	19024648	27821148	77.50%	8.266%
76	19.792	2819	2823	2829	rVB2	814682	1151746	3.21%	0.342%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	19.898	2837	2841	2847	rVB	1206408	1518333	4.23%	0.451%
78	19.963	2848	2852	2857	rVB	1113565	1412088	3.93%	0.420%
79	20.039	2859	2865	2871	rBV2	1090794	2646764	7.37%	0.786%
80	20.092	2871	2874	2879	rBV	242163	302577	0.84%	0.090%
81	20.204	2882	2893	2898	rVB	3227051	5990324	16.69%	1.780%
82	20.251	2898	2901	2904	rBV	270296	310951	0.87%	0.092%
83	20.304	2905	2910	2914	rBV	3147711	4015964	11.19%	1.193%
84	20.363	2914	2920	2923	rVV3	1184801	2153221	6.00%	0.640%
85	20.398	2923	2926	2929	rVB	529212	564293	1.57%	0.168%
86	20.498	2939	2943	2947	rBV	755561	1043756	2.91%	0.310%
87	20.545	2947	2951	2954	rVB	625821	816086	2.27%	0.242%
88	20.780	2988	2991	2994	rBV2	610998	740356	2.06%	0.220%
89	20.898	3007	3011	3015	rBV2	462961	837312	2.33%	0.249%
90	21.104	3042	3046	3049	rBV	1200794	1581851	4.41%	0.470%
91	21.139	3049	3052	3055	rVV2	1218198	1484836	4.14%	0.441%
92	21.180	3055	3059	3063	rVB2	1161770	1526479	4.25%	0.454%
93	21.457	3095	3106	3110	rBV2	8390749	19587841	54.57%	5.819%
94	21.492	3110	3112	3119	rVB	5106764	6388645	17.80%	1.898%
95	21.621	3131	3134	3141	rVB	958006	1344734	3.75%	0.400%
96	21.786	3158	3162	3168	rVB2	621665	973659	2.71%	0.289%
97	23.180	3392	3399	3405	rBV	2622447	6760304	18.83%	2.008%
98	23.727	3487	3492	3498	rBV	1072640	1995961	5.56%	0.593%
99	23.827	3504	3509	3517	rVB2	1544166	3504605	9.76%	1.041%
100	23.945	3523	3529	3536	rBV2	3752259	7445648	20.74%	2.212%

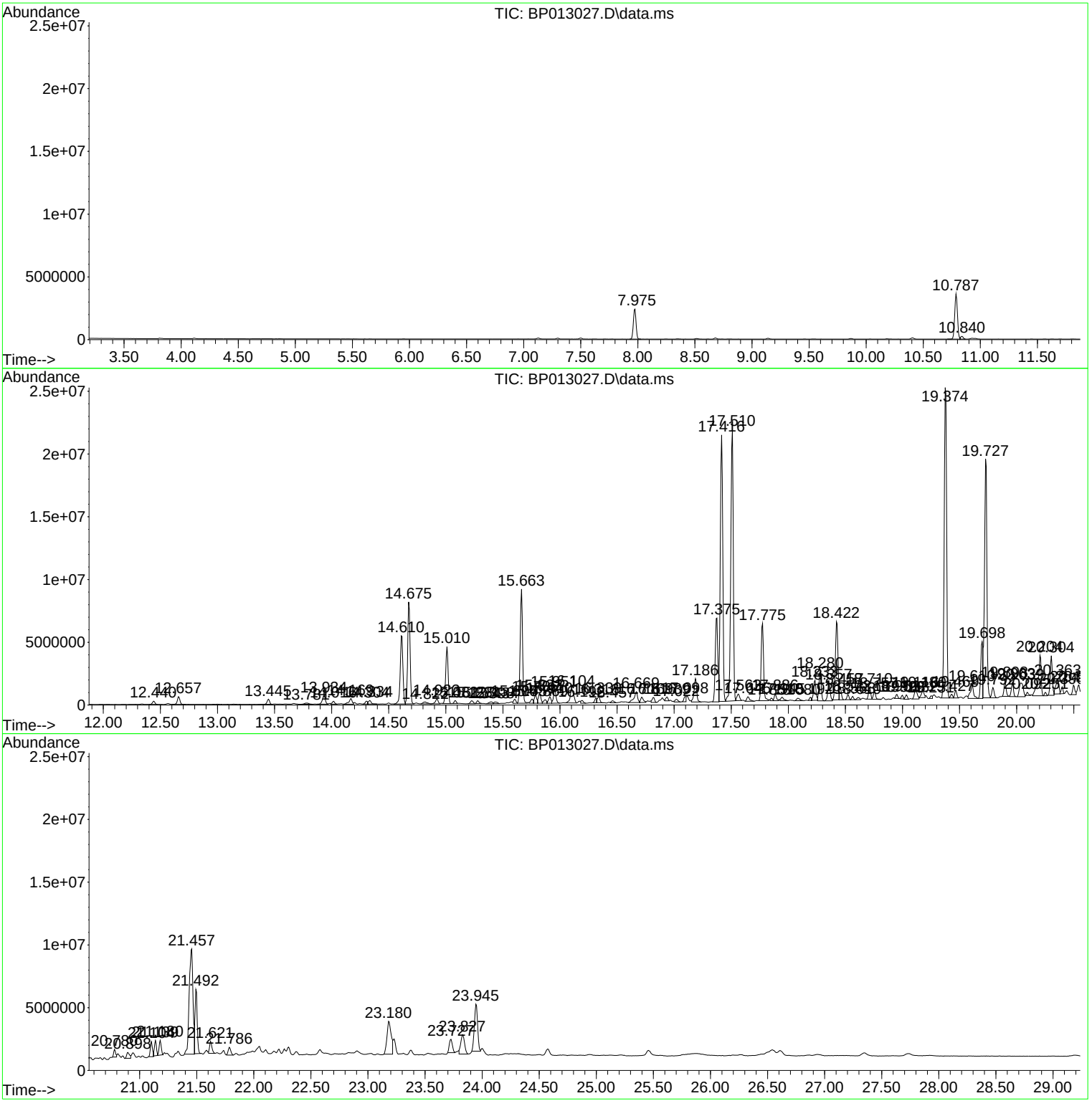
Sum of corrected areas: 336593641

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

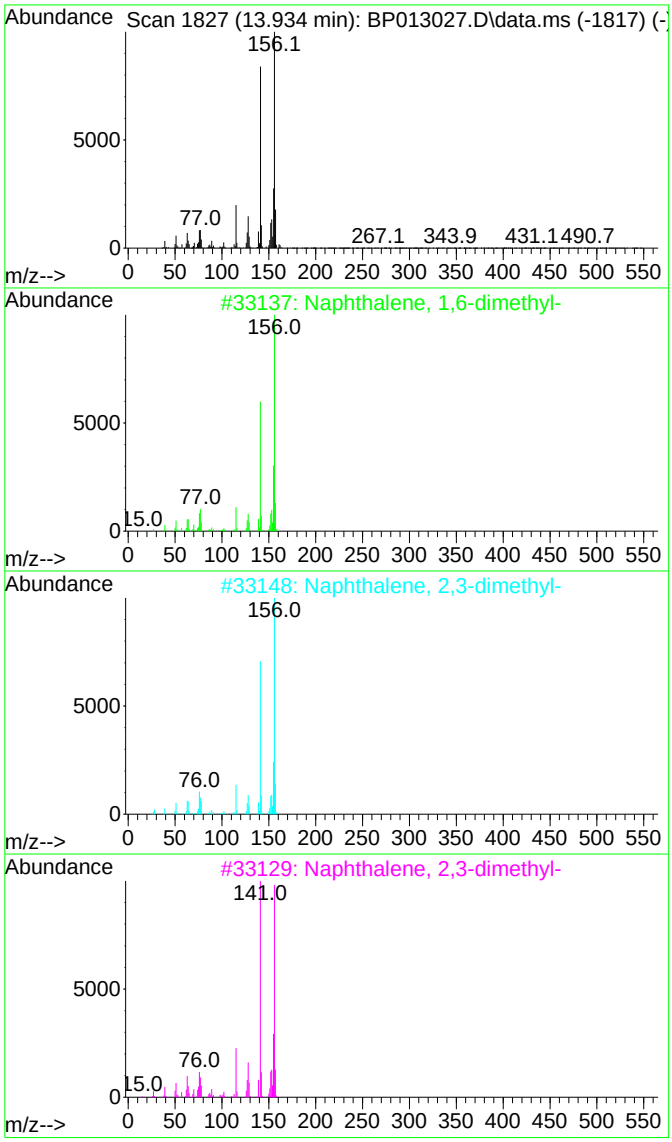
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

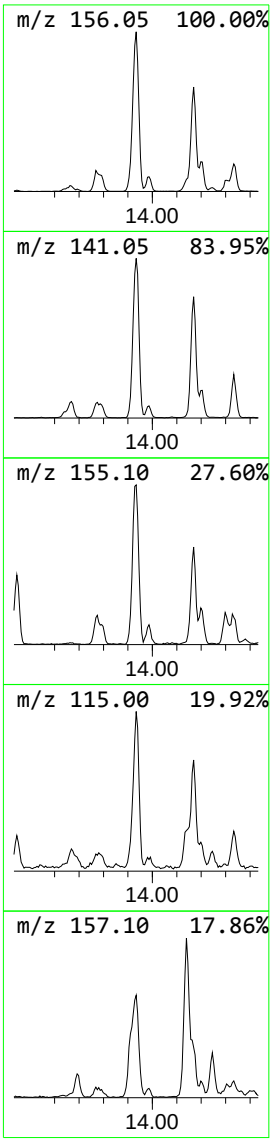
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.934	2.81 ng/ul	1227410	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

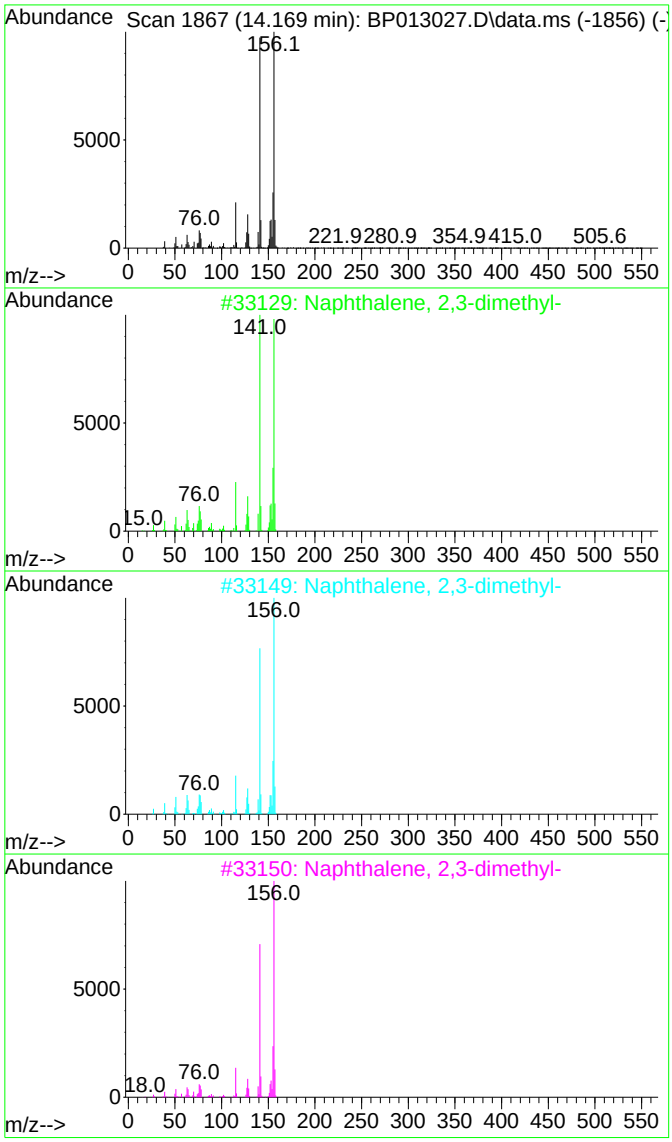
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

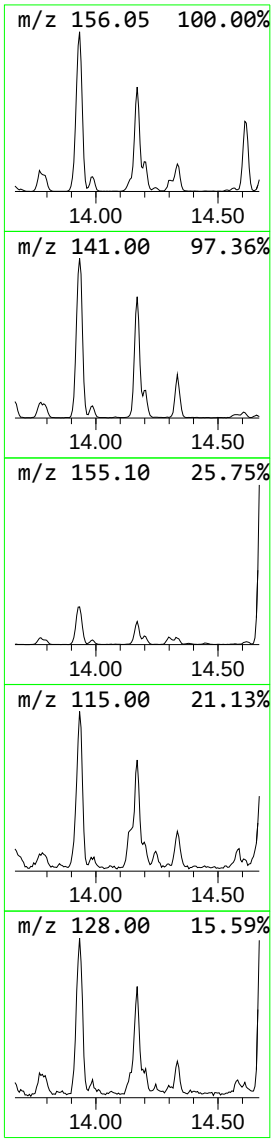
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	2.01 ng/ul	877668	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

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

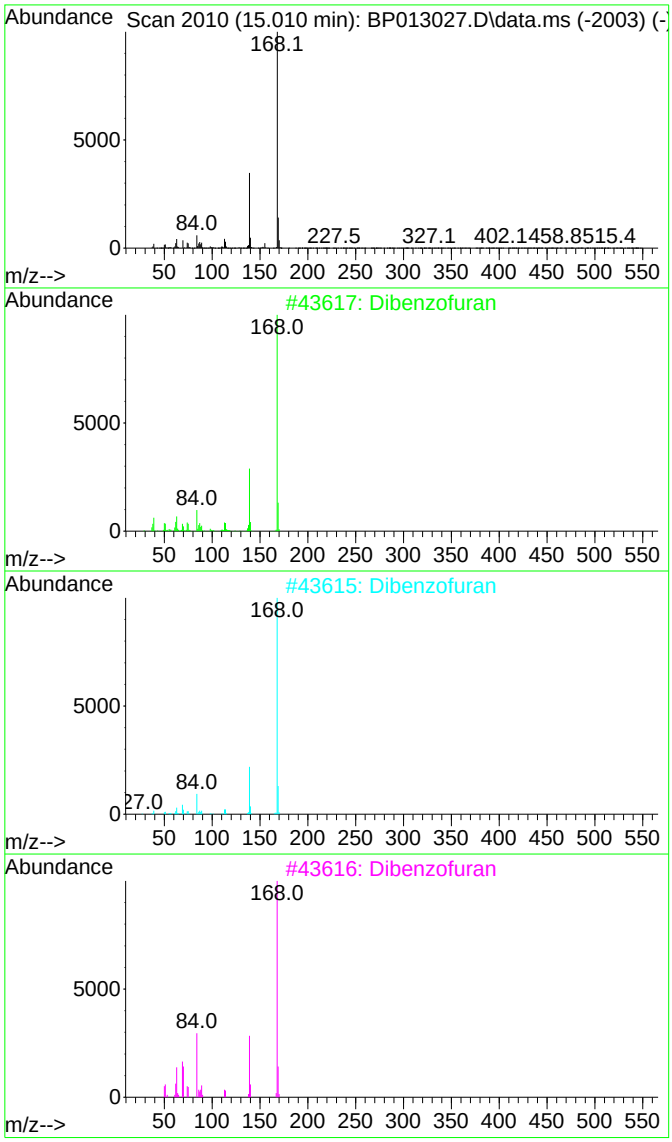
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

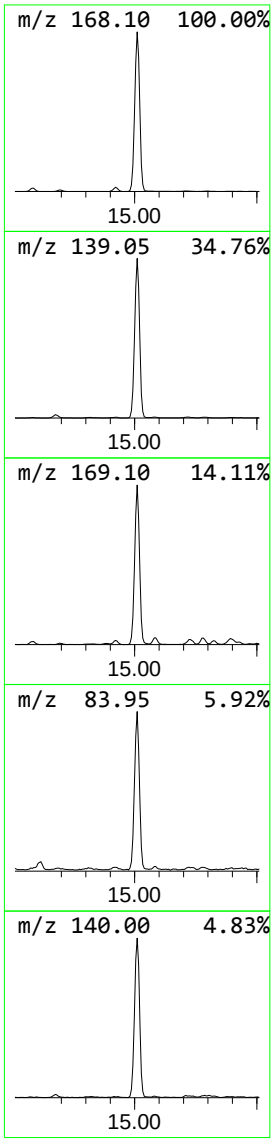
****

Peak Number 3 Dibenzo furan Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	14.77 ng/ul	6448460	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	64
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

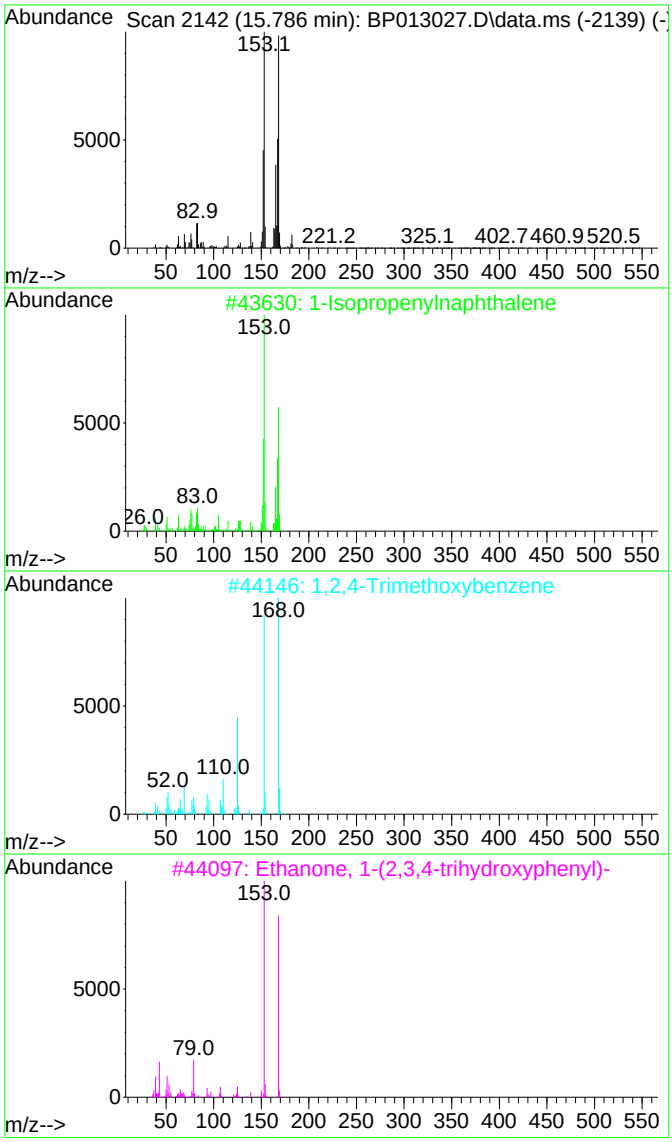
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

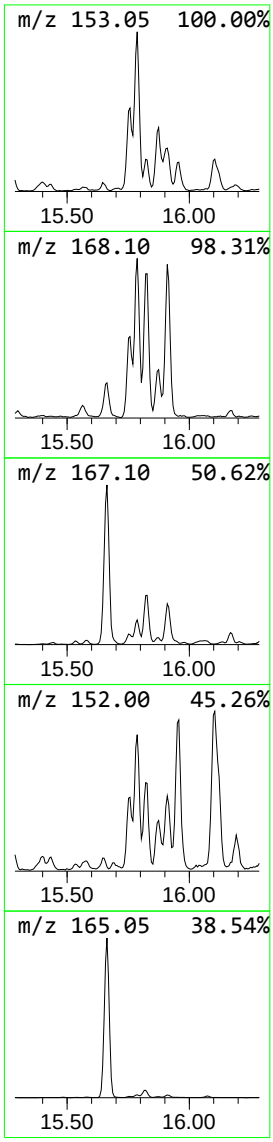
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	2.17 ng/ul	945756	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	43
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

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

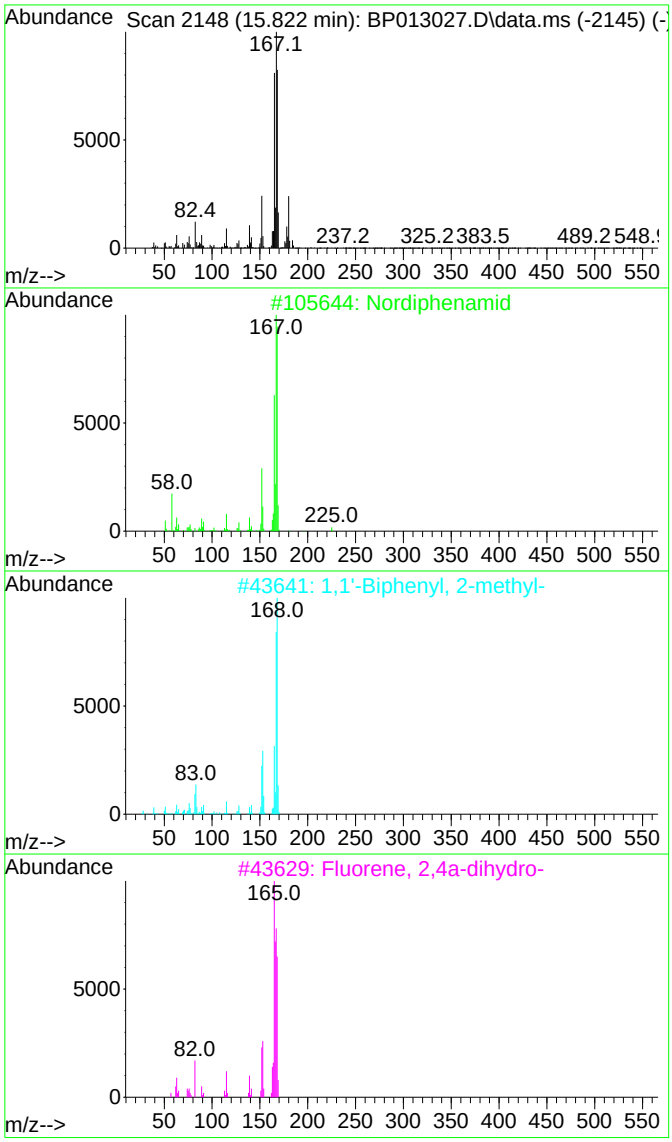
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

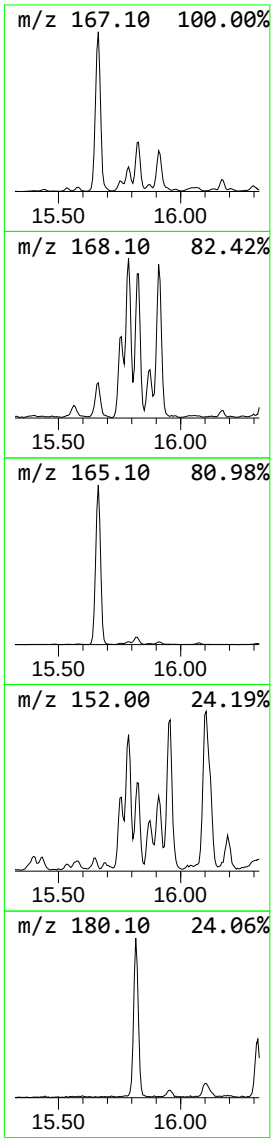
****

Peak Number 5 Nordiphenamid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	2.65 ng/ul	1157030	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	64
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
4	Diphenylmethane	168	C13H12	000101-81-5	49
5	Diphenylmethane	168	C13H12	000101-81-5	47





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Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

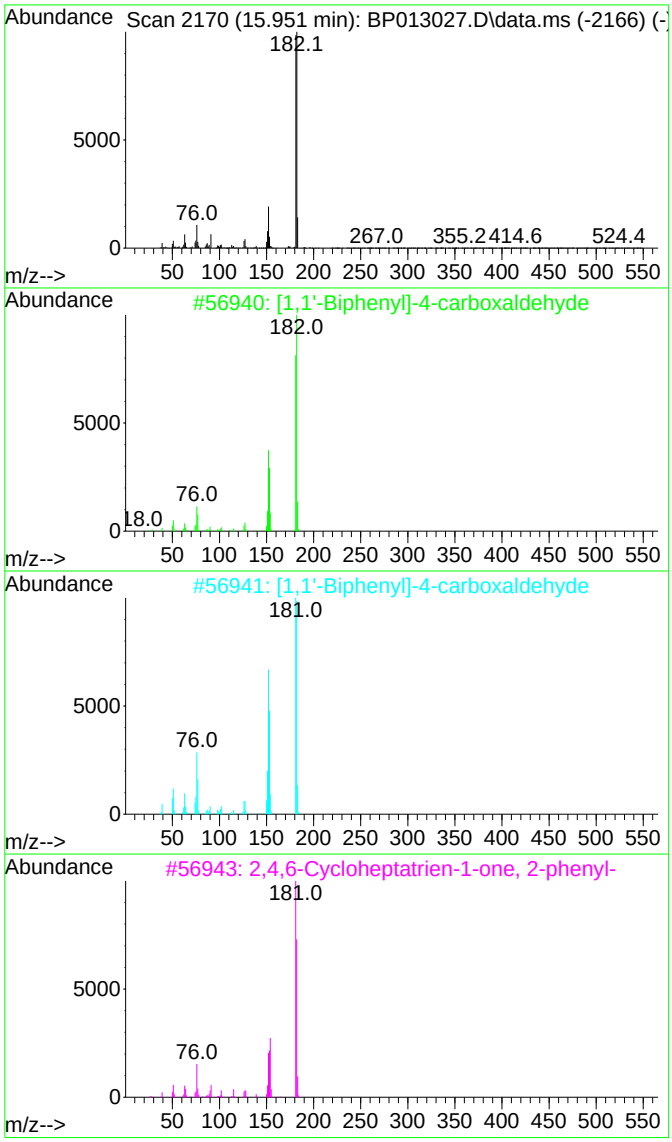
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

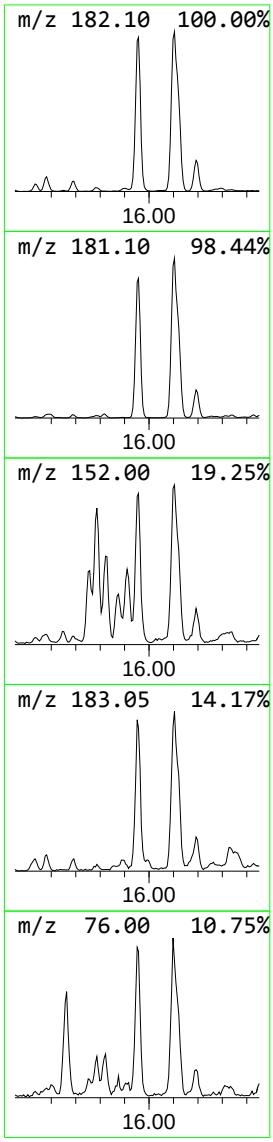
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	3.74 ng/ul	1635180	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

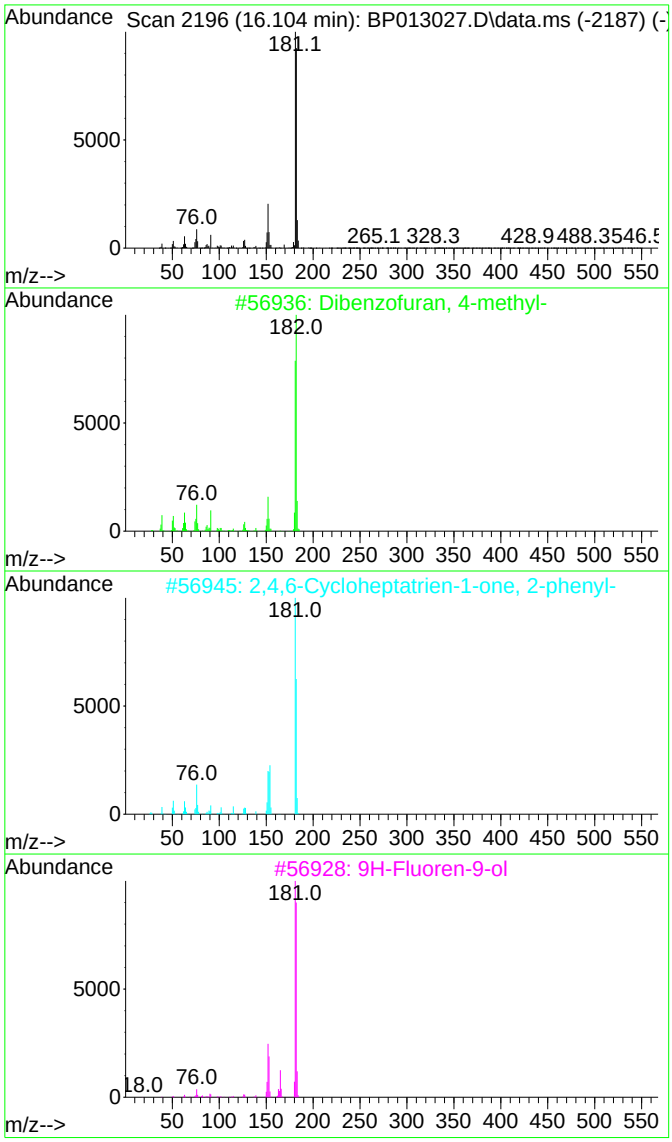
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

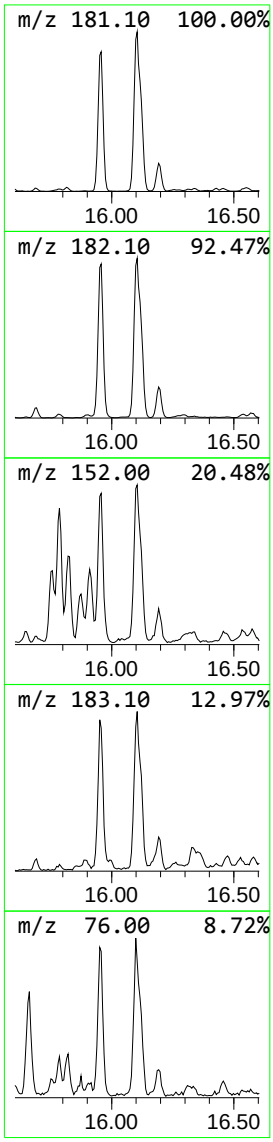
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.104	4.34 ng/ul	2332610	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

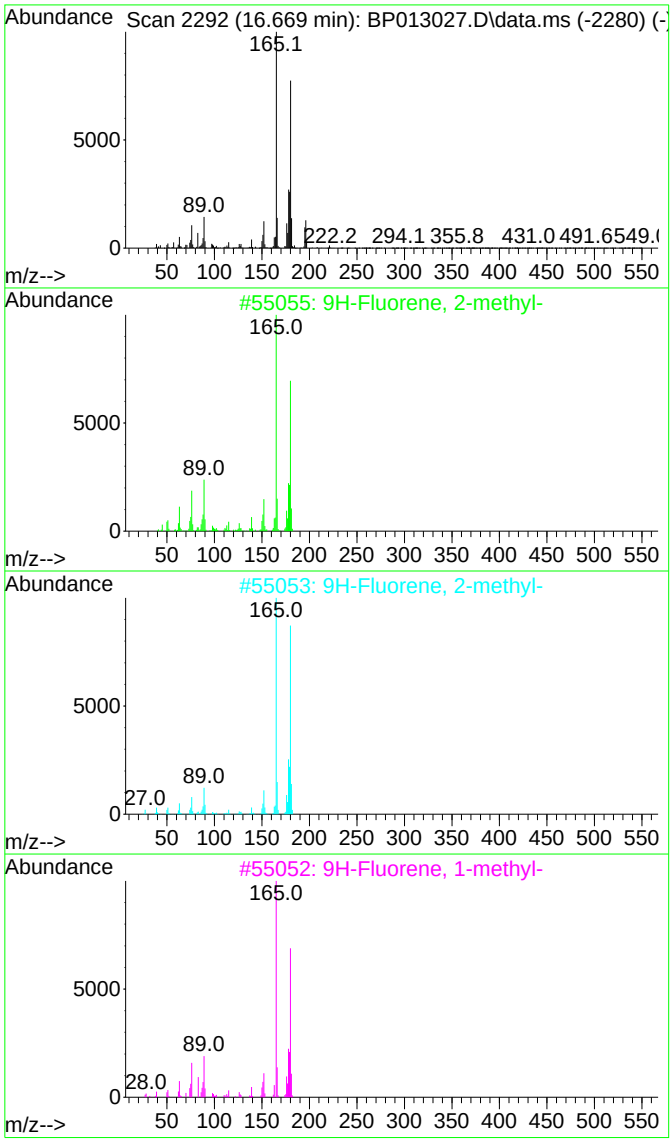
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

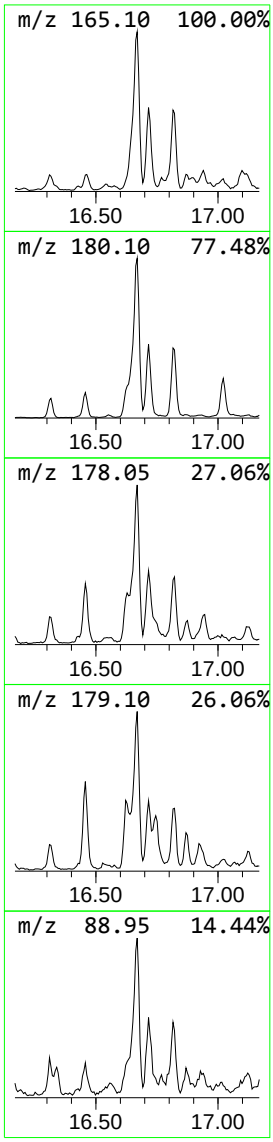
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	3.52 ng/ul	1892650	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89





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Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

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

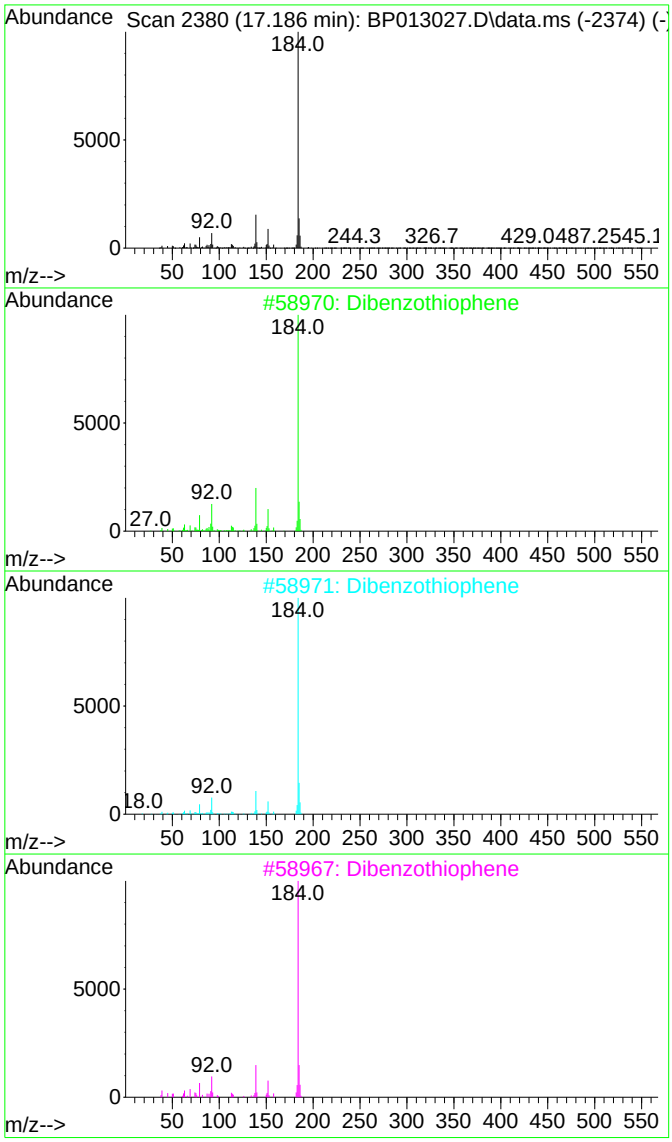
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

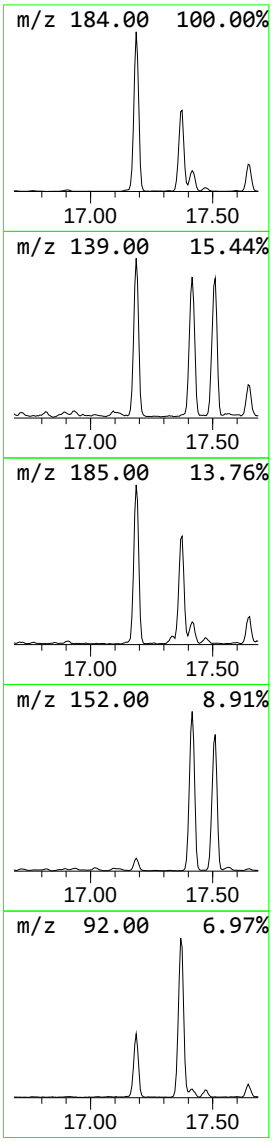
****

Peak Number 9 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	5.38 ng/ul	2889770	Phenanthrene-d10	17.375

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	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Acq On : 09 Dec 2022 20:14
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Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

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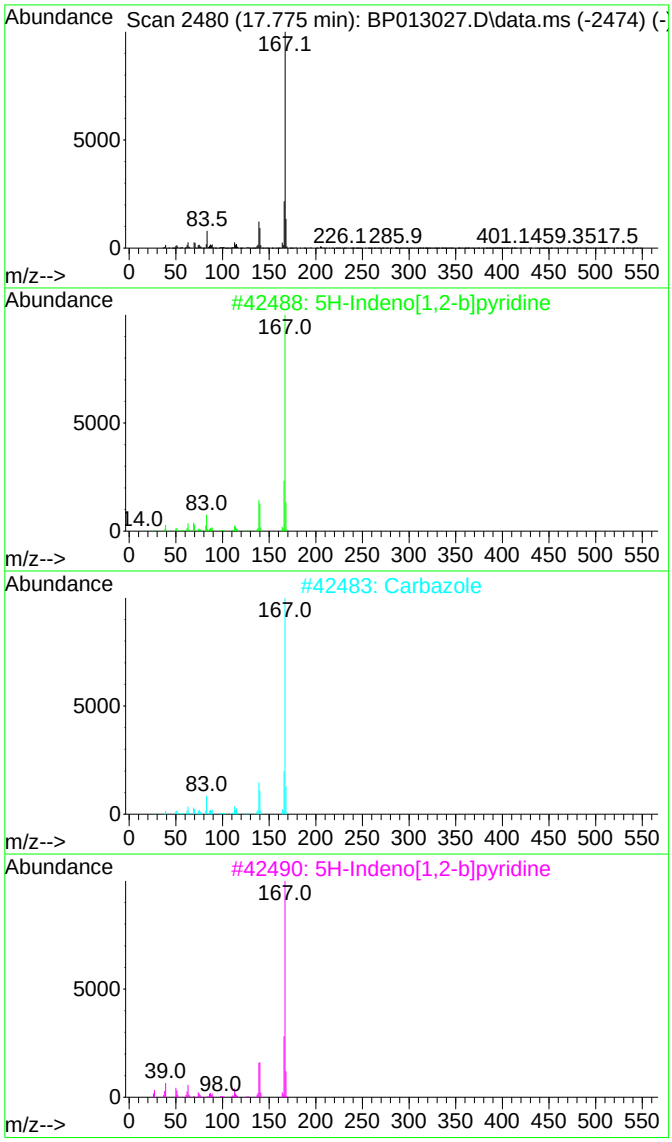
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

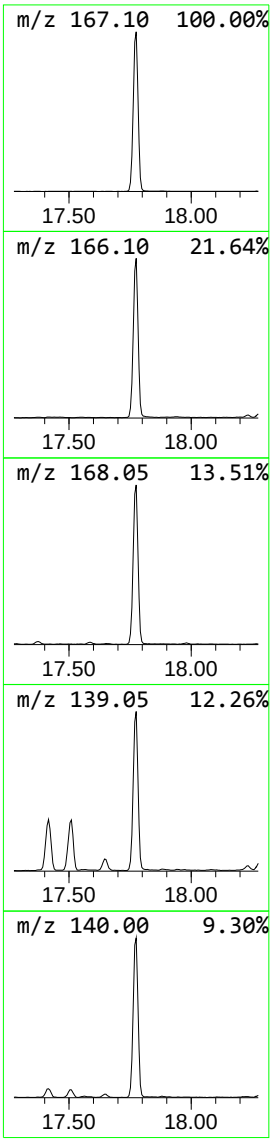
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	16.47 ng/ul	8846800	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	Carbazole	167	C12H9N	000086-74-8	86





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Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

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

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

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	4.36 ng/ul	2342950	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
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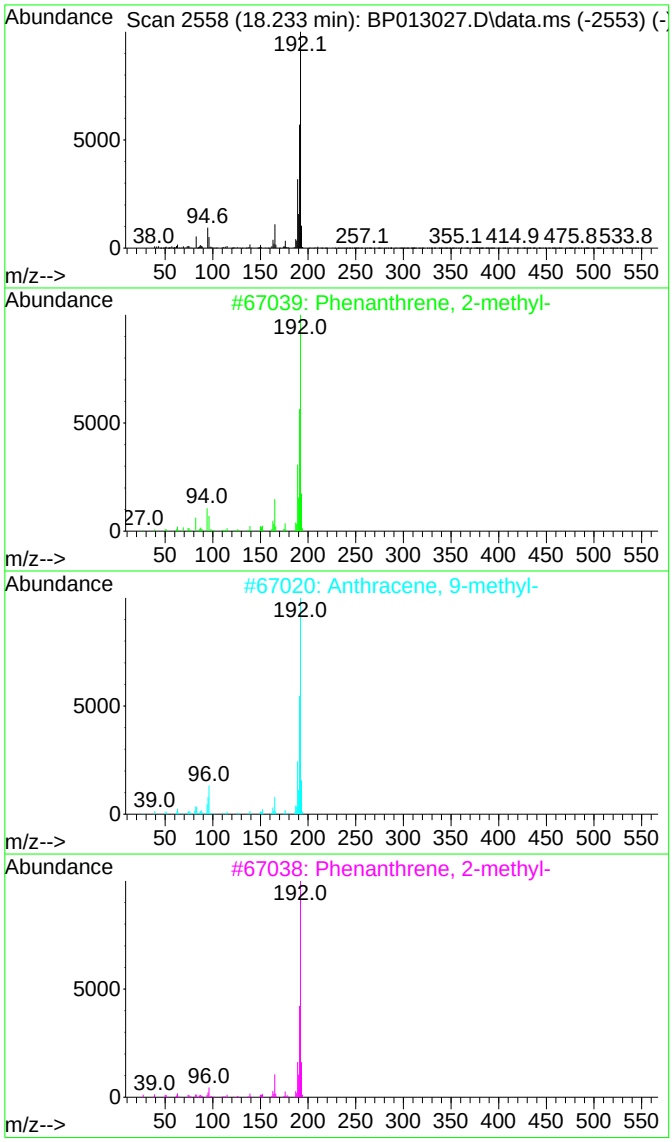

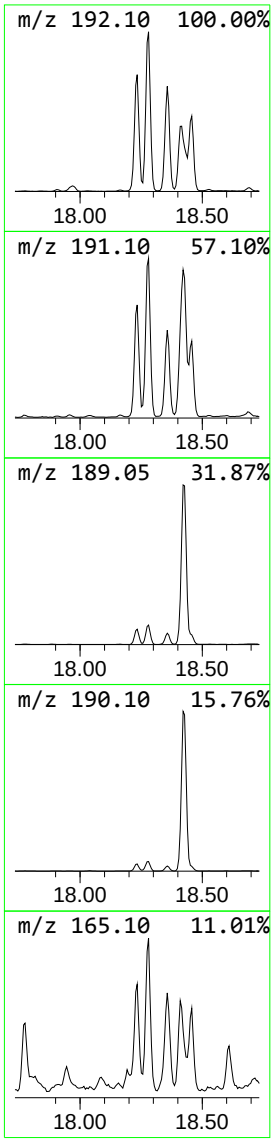

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Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

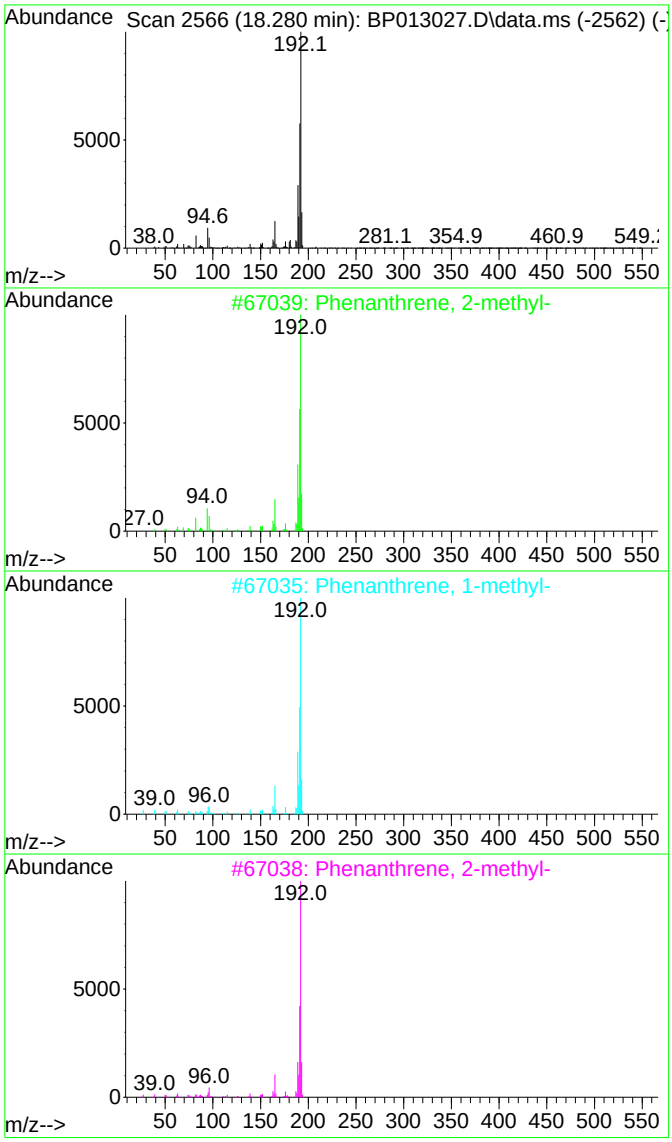
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

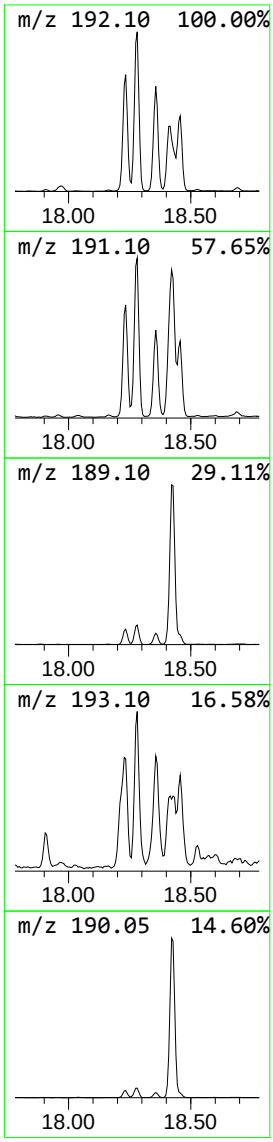
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	5.91 ng/ul	3175170	Phenanthrene-d10	17.375

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBXM9DL

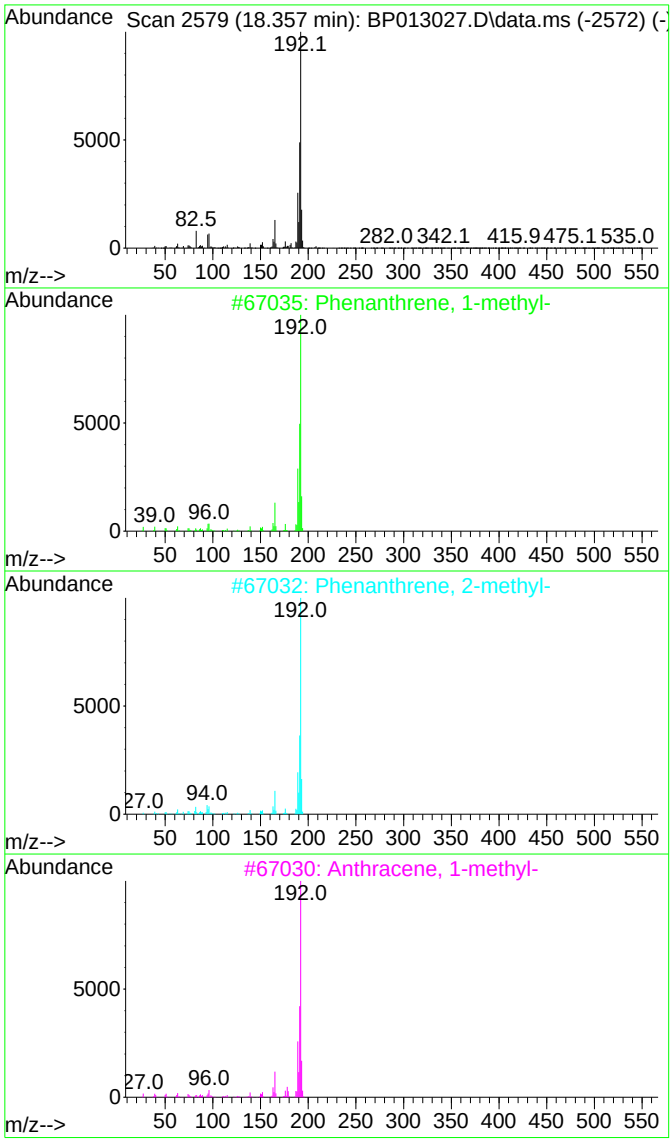
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

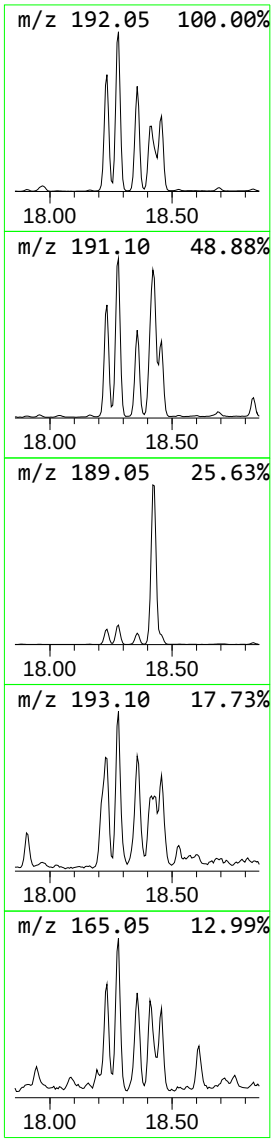
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	4.03 ng/ul	2165370	Phenanthrene-d10	17.375

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





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Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

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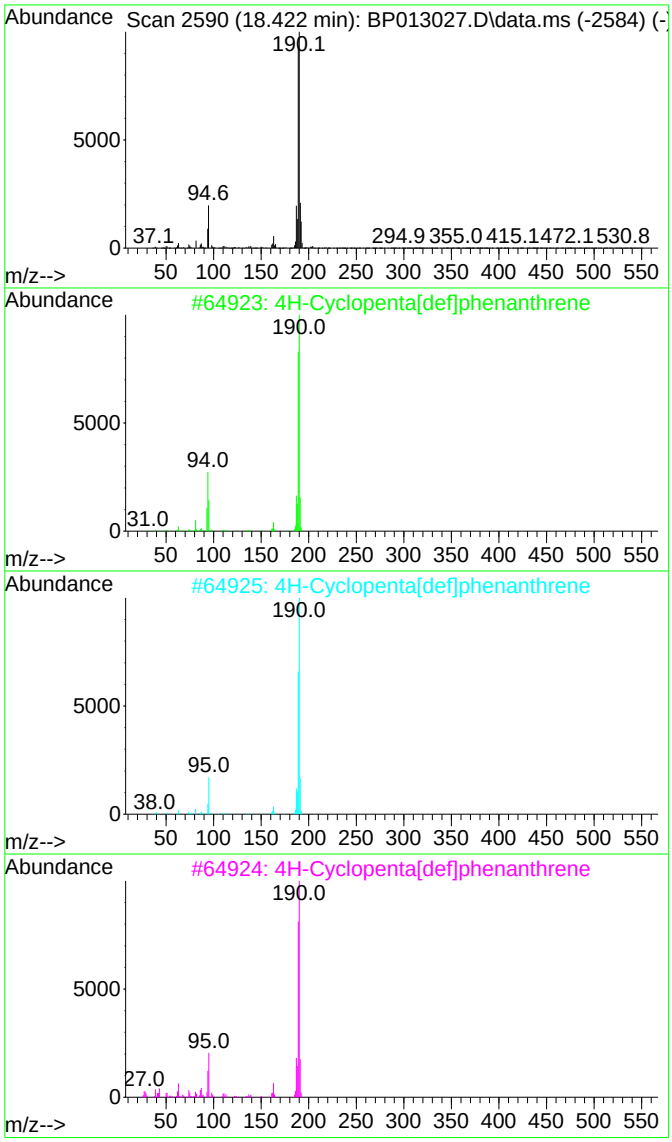
Quant Title : SVOA CALIBRATION

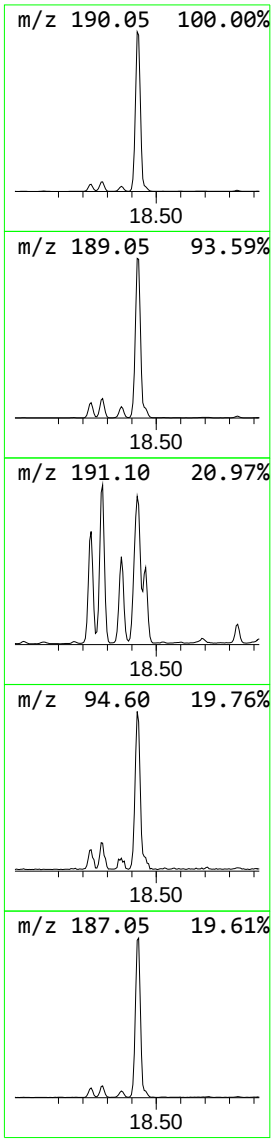
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	17.93 ng/ul	9629440	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
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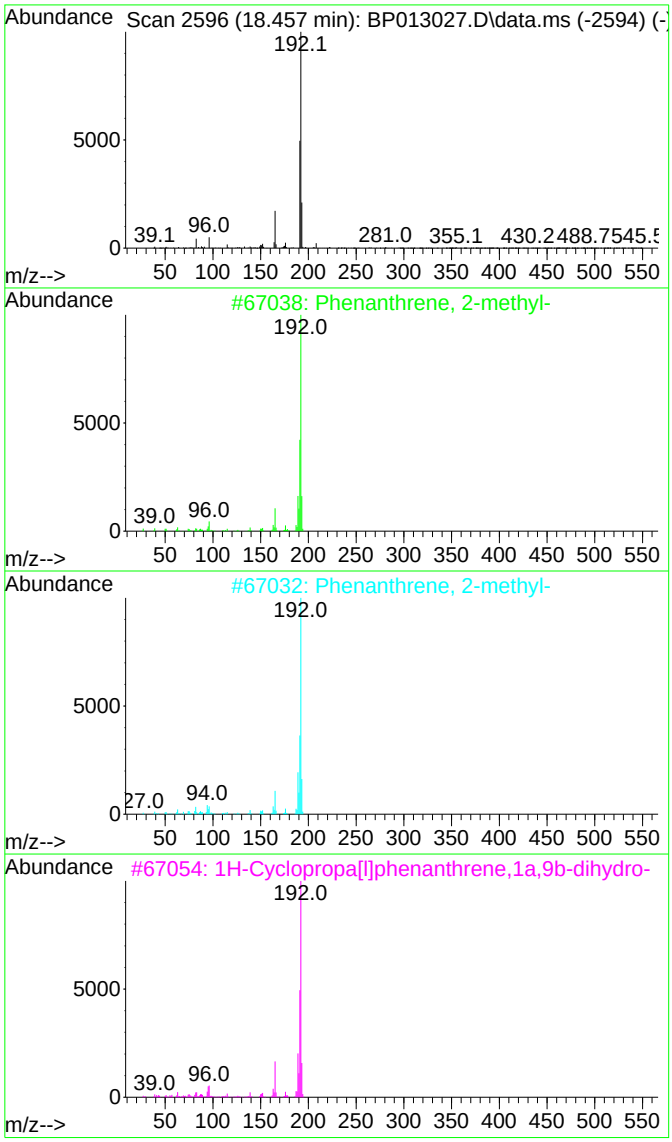
Quant Title : SVOA CALIBRATION

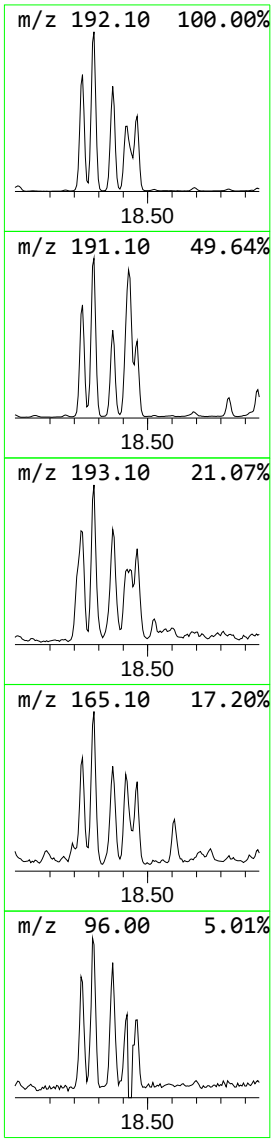
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	2.01 ng/ul	1080360	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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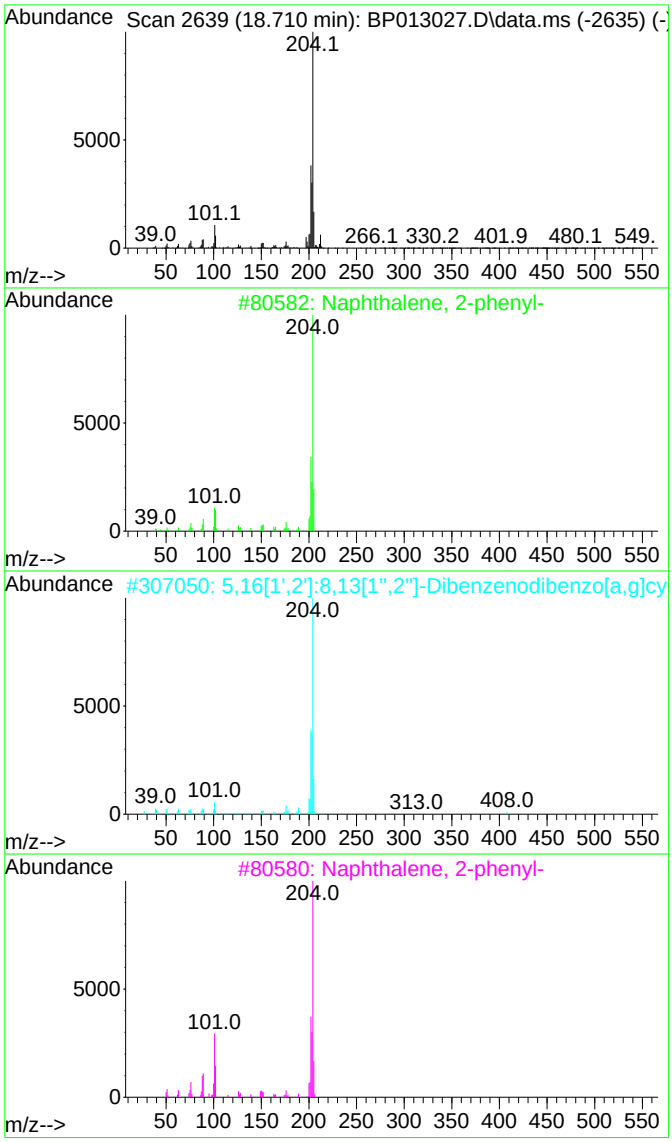
Quant Title : SVOA CALIBRATION

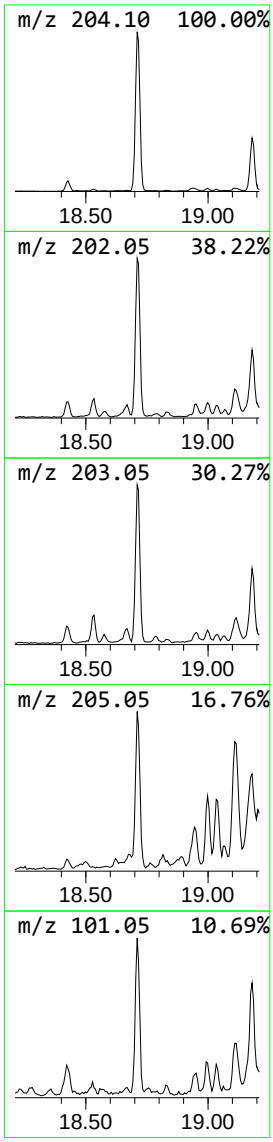
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	2.27 ng/ul	1220230	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

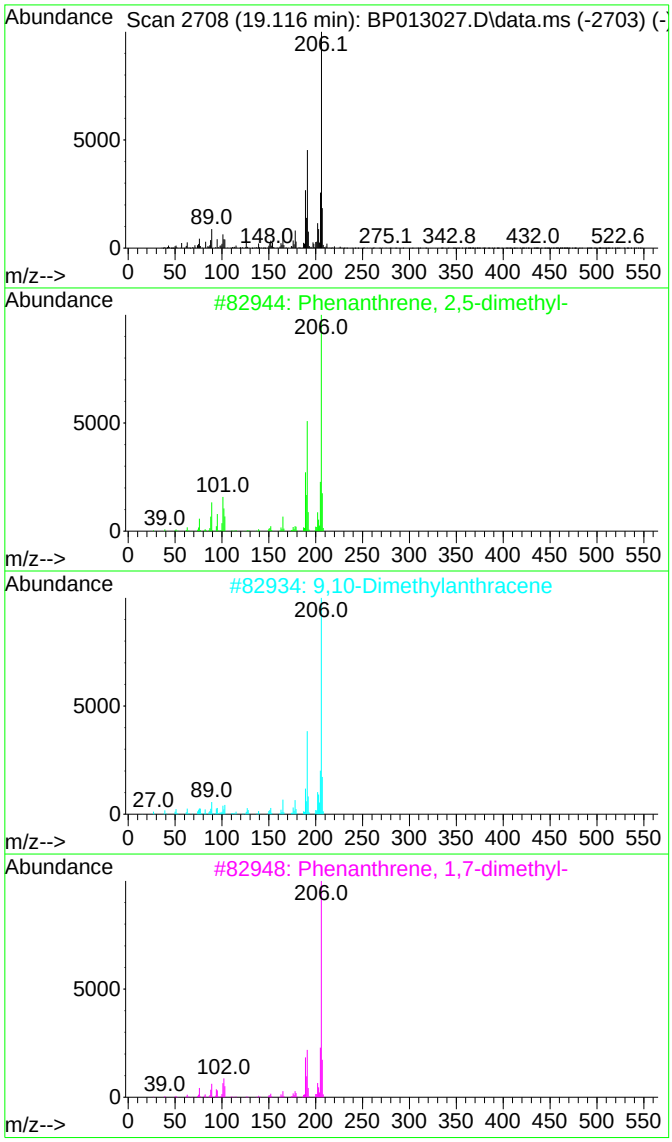
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

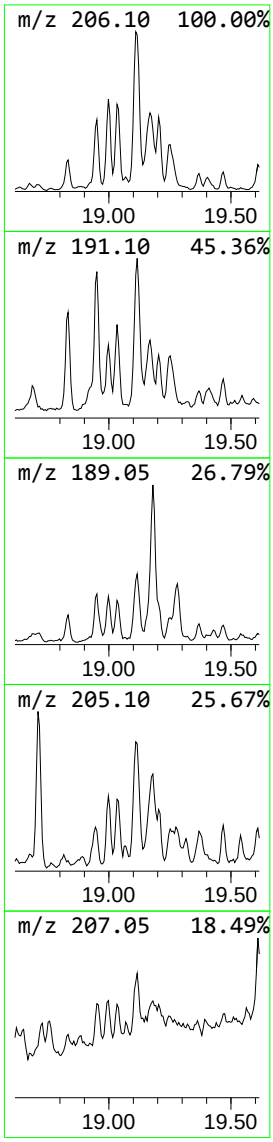
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	2.26 ng/ul	1212450	Phenanthrene-d10	17.375

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	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

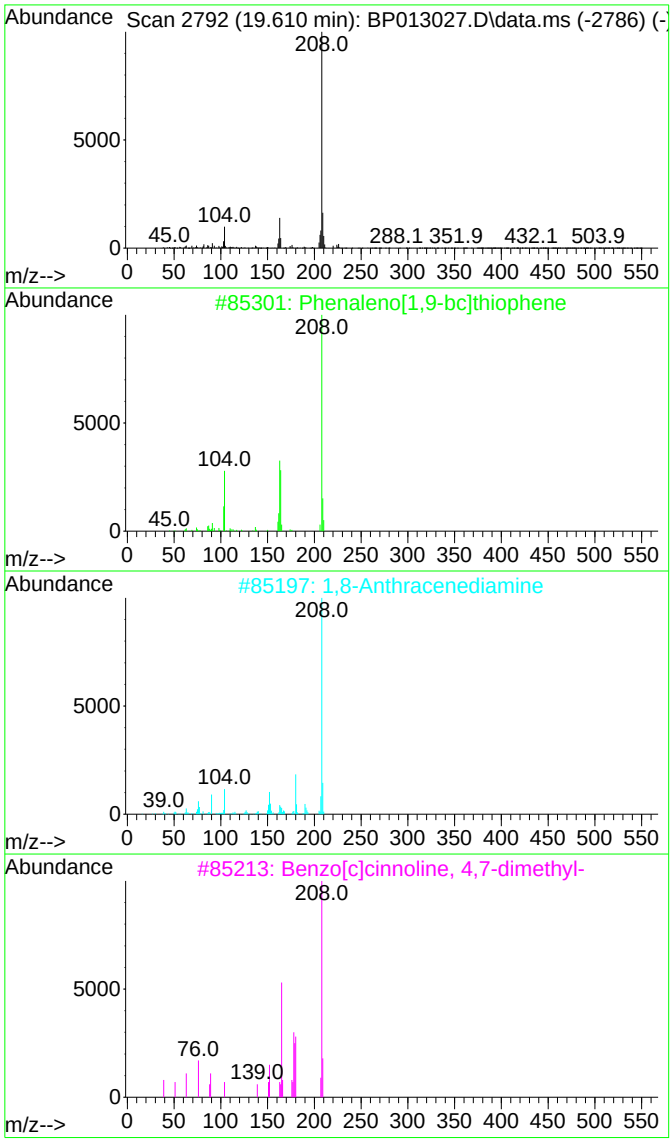
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

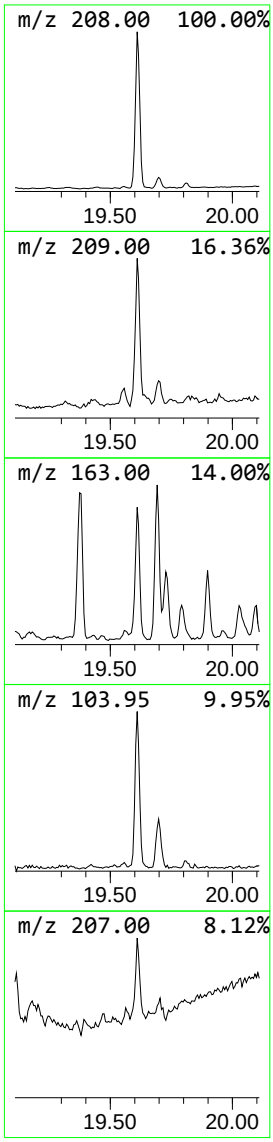
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenaleno[1,9-bc]thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	2.09 ng/ul	2047580	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	83
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
3	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	72
4	1H-Indazole, 6-methyl-1-phenyl-	208	C14H12N2	1010305-65-6	64
5	Ethanol, 2-[4-vinyl-2-methoxy-6-...	208	C12H16O3	1000132-26-4	64





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Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

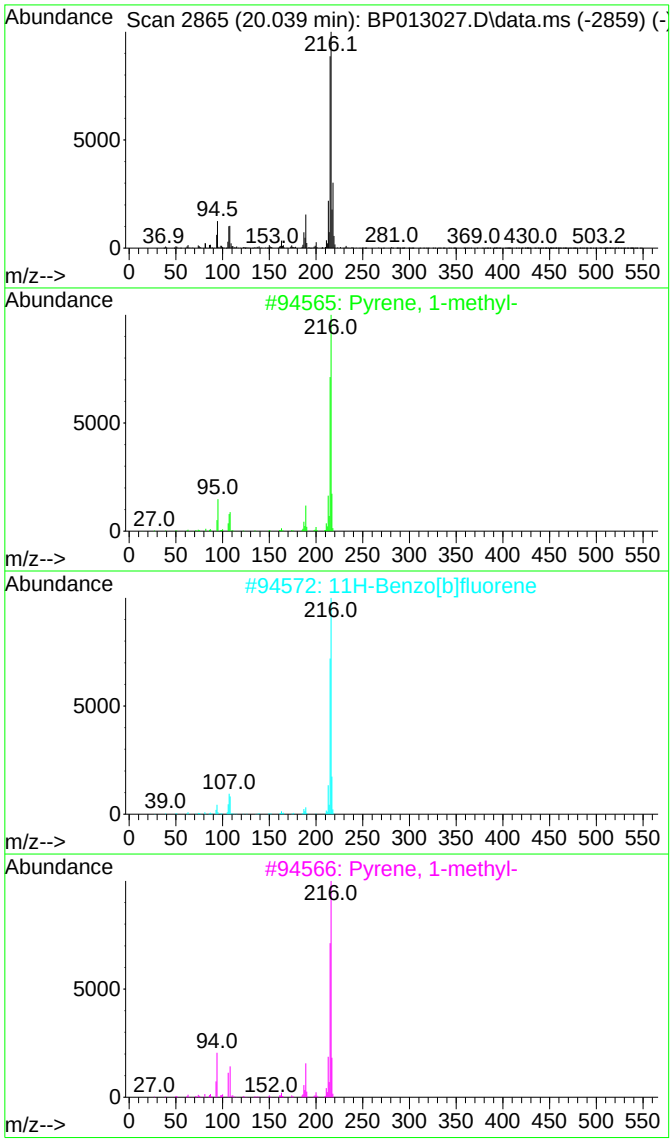
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

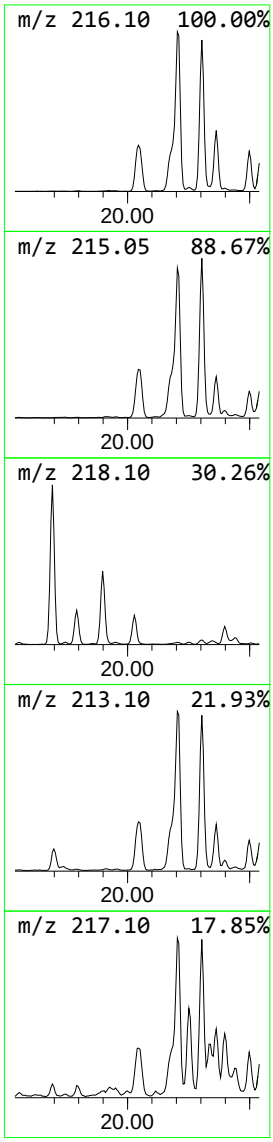
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.039	2.70 ng/ul	2646760	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

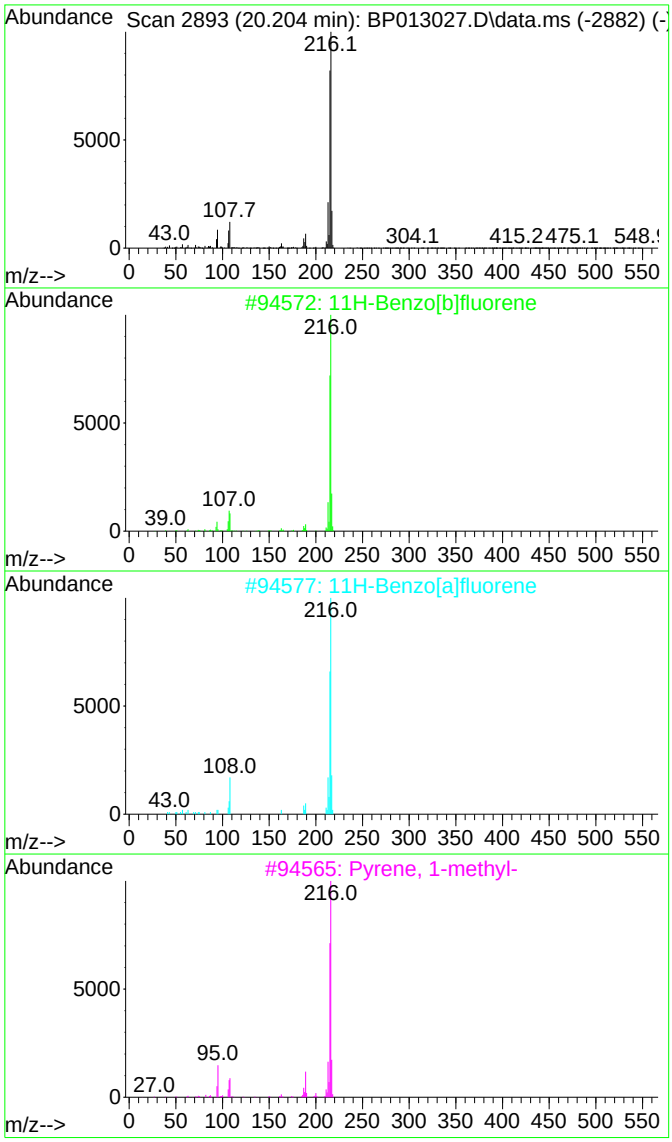
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

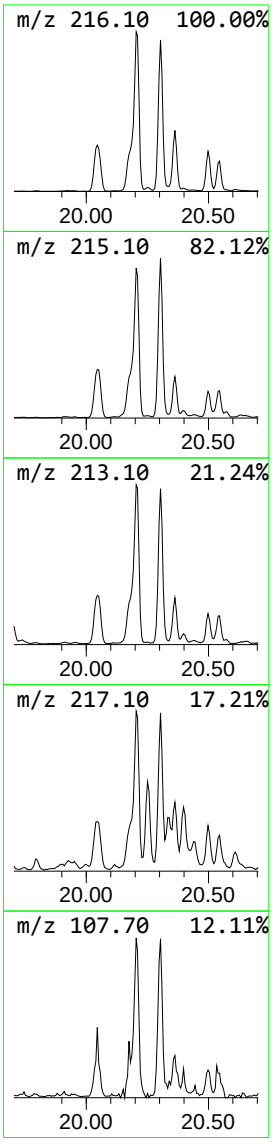
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	6.12 ng/ul	5990320	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

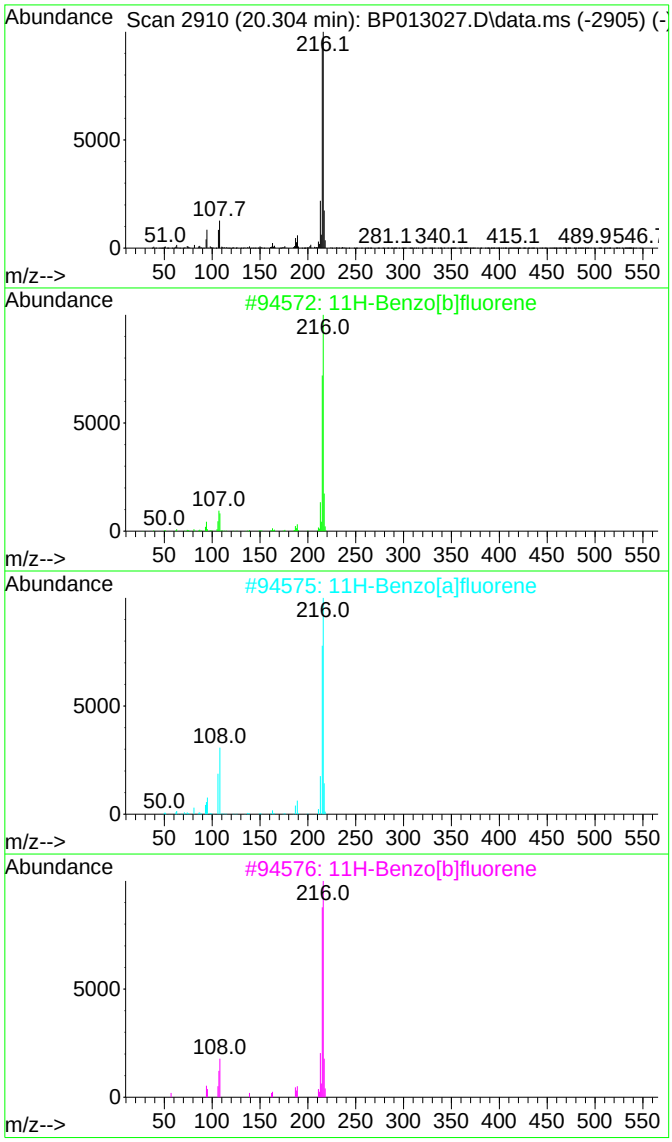
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

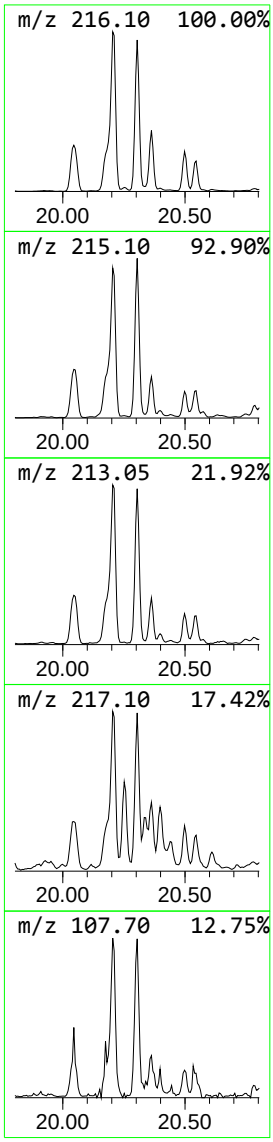
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	4.10 ng/ul	4015960	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

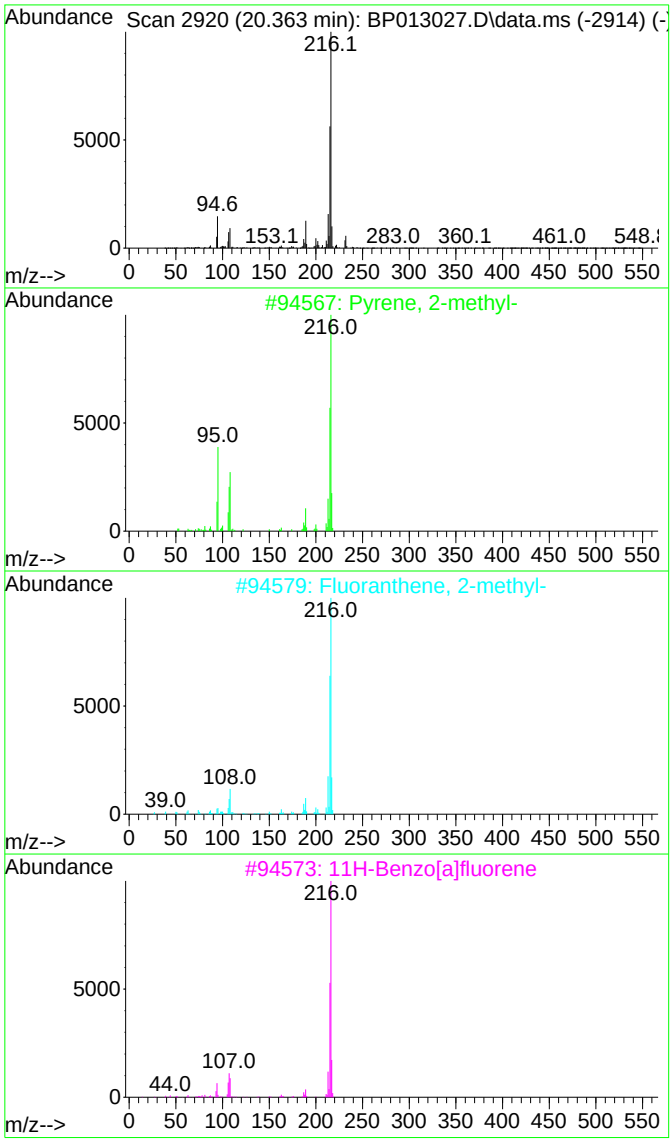
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

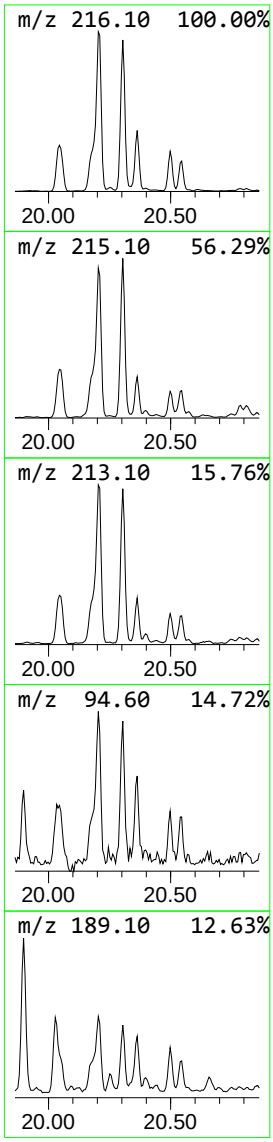
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.363	2.20 ng/ul	2153220	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

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

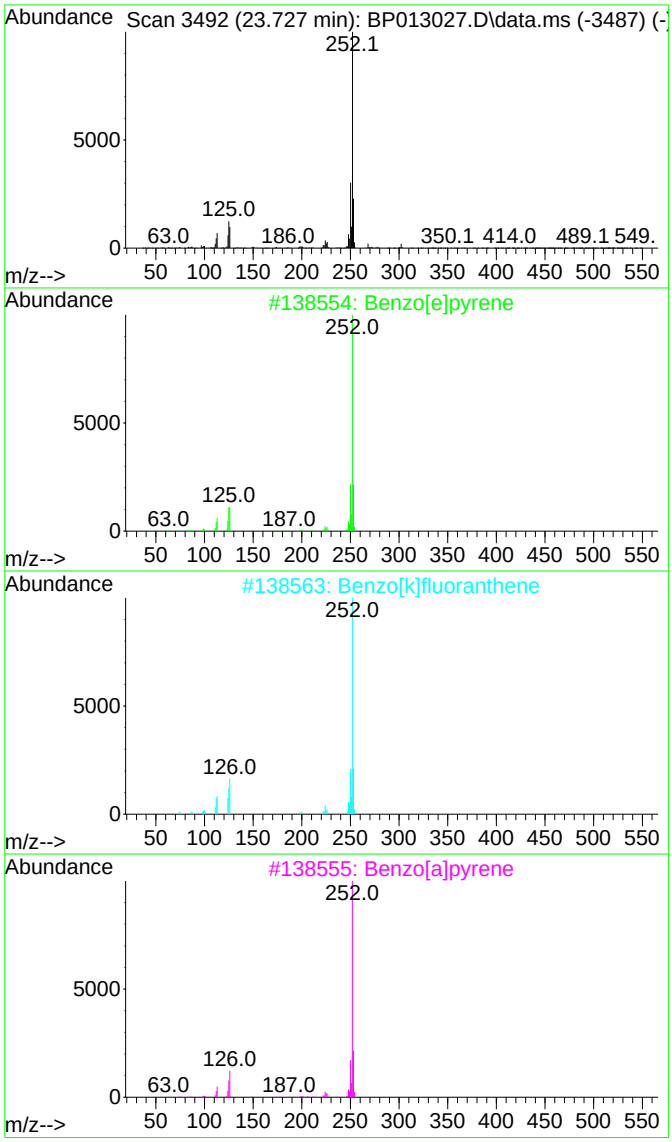
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

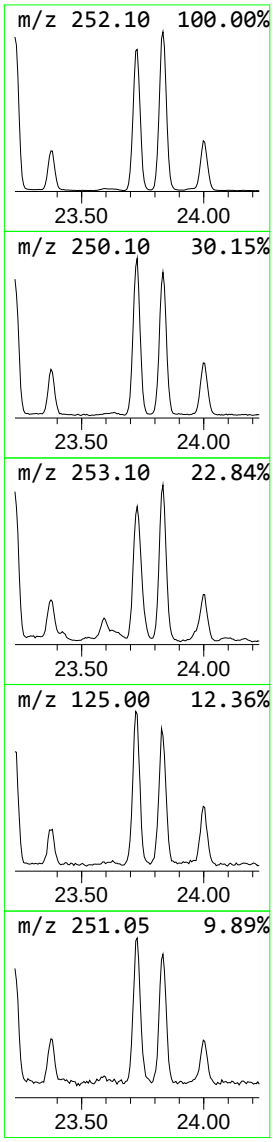
****

Peak Number 23 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.727	5.36 ng/ul	1995960	Perylene-d12	23.945

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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013027.D
Acq On : 09 Dec 2022 20:14
Operator : CG/JU
Sample : N5896-11DL 30X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXM9DL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	13.934	2.8	ng/ul	1227410	3	14.610	8733630	20.0
Naphthalene, 2,...	14.169	2.0	ng/ul	877668	3	14.610	8733630	20.0
Dibenzo furan	15.010	14.8	ng/ul	6448460	3	14.610	8733630	20.0
1-Isopropenylna...	15.786	2.2	ng/ul	945756	3	14.610	8733630	20.0
Nordiphenamid	15.822	2.6	ng/ul	1157030	3	14.610	8733630	20.0
[1,1'-Biphenyl]...	15.951	3.7	ng/ul	1635180	3	14.610	8733630	20.0
Dibenzofuran, 4...	16.104	4.3	ng/ul	2332610	4	17.375	10741700	20.0
9H-Fluorene, 2-...	16.669	3.5	ng/ul	1892650	4	17.375	10741700	20.0
Dibenzothiophene	17.186	5.4	ng/ul	2889770	4	17.375	10741700	20.0
5H-Indeno[1,2-b...	17.775	16.5	ng/ul	8846800	4	17.375	10741700	20.0
Phenanthrene, 2...	18.233	4.4	ng/ul	2342950	4	17.375	10741700	20.0
Phenanthrene, 1...	18.280	5.9	ng/ul	3175170	4	17.375	10741700	20.0
Anthracene, 1-m...	18.357	4.0	ng/ul	2165370	4	17.375	10741700	20.0
4H-Cyclopenta[d...	18.422	17.9	ng/ul	9629440	4	17.375	10741700	20.0
1H-Cyclopropa[l...	18.457	2.0	ng/ul	1080360	4	17.375	10741700	20.0
Naphthalene, 2-...	18.710	2.3	ng/ul	1220230	4	17.375	10741700	20.0
Phenanthrene, 2...	19.116	2.3	ng/ul	1212450	4	17.375	10741700	20.0
Phenaleno[1,9-b...	19.610	2.1	ng/ul	2047580	5	21.457	19587800	20.0
Pyrene, 1-methyl-	20.039	2.7	ng/ul	2646760	5	21.457	19587800	20.0
11H-Benzo[b]flu...	20.204	6.1	ng/ul	5990320	5	21.457	19587800	20.0
11H-Benzo[a]flu...	20.304	4.1	ng/ul	4015960	5	21.457	19587800	20.0
Pyrene, 2-methyl-	20.363	2.2	ng/ul	2153220	5	21.457	19587800	20.0
Benzo[e]pyrene	23.727	5.4	ng/ul	1995960	6	23.945	7445650	20.0