LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

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_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM037936.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.857	76	80	94	rBV	628090	982013	6.35%	0.591%
2	7.228	646	653	663	rBV	897408	1386649	8.96%	0.834%
3	7.398	676	682	691	rVB	751715	1093329	7.06%	0.658%
4	7.604	709	717	727	rBV	908684	1423319	9.20%	0.856%
5	8.075	790	797	805	rBV	733656	1098350	7.10%	0.661%
6	8.786	910	918	928	rBV	1059092	1675399	10.83%	1.008%
7	9.245	989	996	1008	rBV	836423	1387892	8.97%	0.835%
8	9.975	1112	1120	1129	rBV	675522	1127970	7.29%	0.679%
9	10.510	1204	1211	1221	rBV	1032902	1720109	11.11%	1.035%
10	10.898	1270	1277	1282	rBV	866292	1413926	9.14%	0.851%
11	11.033	1293	1300	1315	rBV	919774	1596365	10.31%	0.960%
12	12.763	1586	1594	1603	rVB	188720	309253	2.00%	0.186%
13	13.545	1718	1727	1732	rBV	151519	238302	1.54%	0.143%
14	13.886	1774	1785	1792	rBV4	91798	257175	1.66%	0.155%
15	14.027	1802	1809	1814	rBV	287475	520809	3.37%	0.313%
16	14.116	1814	1824	1830	rBV	1767981	2412450	15.59%	1.451%
17	14.263	1839	1849	1853	rBV2	161916	291031	1.88%	0.175%
18	14.404	1866	1873	1889	rBV	2178318	3434151	22.19%	2.066%
19	14.710	1913	1925	1930	rBV	1157618	1814574	11.72%	1.092%
20	14.774	1930	1936	1943	rVV	3727733	5126745	33.13%	3.084%
21	14.898	1952	1957	1968	rBV2	648744	1134301	7.33%	0.682%
22	15.015	1969	1977	1982	rBV	157689	252139	1.63%	0.152%
23	15.104	1985	1992	2000	rVB	1783122	2537652	16.40%	1.526%
24	15.527	2060	2064	2069	rVB2	136708	208463	1.35%	0.125%
25	15.698	2083	2093	2097	rBV	2682057	3762028	24.31%	2.263%
26	15.751	2097	2102	2108	rVB	3611065	4837698	31.26%	2.910%
27	15.815	2108	2113	2117	rBV	623340	873402	5.64%	0.525%
28	15.874	2120	2123	2126	rVV	181049	217837	1.41%	0.131%
29	15.910	2126	2129	2135	rVB3	247222	325319	2.10%	0.196%
30	15.998	2140	2144	2147	rVV	187925	270822	1.75%	0.163%
31	16.039	2147	2151	2157	rVB	415889	612072	3.95%	0.368%
32	16.186	2172	2176	2184	rVV	433620	851436	5.50%	0.512%
33	16.280	2184	2192	2198	rVB2	101510	221329	1.43%	0.133%
34	16.392	2206	2211	2214	rBV2	300936	456556	2.95%	0.275%
35	16.421	2214	2216	2228	rVB3	248119	358848	2.32%	0.216%
36	16.751	2261	2272	2277	rBV3	332310	778221	5.03%	0.468%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

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_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

37	16.798	2277	2280	2286	rVV3	156870	232091	1.50%	0.140%
38	16.898	2293	2297	2302	rVB	173003	242427	1.57%	0.146%
39	16.974	2303	2310	2313	rBV2	140312	290504	1.88%	0.175%
40	17.015	2314	2317	2321	rVB3	115166	153563	0.99%	0.092%
41	17.098	2328	2331	2338	rVB3	110907	183887	1.19%	0.111%
42	17.180	2340	2345	2351	rVV4	323687	622149	4.02%	0.374%
43	17.233	2351	2354	2356	rVV2	138322	195618	1.26%	0.118%
44	17.268	2356	2360	2367	rVB	702442	988120	6.38%	0.594%
45	17.451	2385	2391	2394	rBV	1339284	2015952	13.03%	1.213%
46	17.498	2394	2399	2403	rVV	9612129	13910381	89.88%	8.367%
47	17.551	2403	2408	2410	rVV	2794617	3858392	24.93%	2.321%
48	17.586	2410	2414	2419	rVV	6879961	9372642	60.56%	5.638%
49	17.639	2420	2423	2428	rVB	208192	340104	2.20%	0.205%
50	17.721	2433	2437	2445	rVV	121555	219203	1.42%	0.132%
51	17.851	2454	2459	2467	rBV	1602962	2263957	14.63%	1.362%
52	17.921	2468	2471	2475	rVV2	211247	266539	1.72%	0.160%
53	17.968	2475	2479	2484	rVV2	189286	285450	1.84%	0.172%
54	18.027	2486	2489	2498	rVB2	103439	181904	1.18%	0.109%
55	18.321	2535	2539	2543	rVV	795809	1045668	6.76%	0.629%
56	18.368	2543	2547	2554	rVB	918760	1267835	8.19%	0.763%
57	18.451	2556	2561	2567	rVB	450704	627383	4.05%	0.377%
58	18.521	2567	2573	2577	rBV	2659305	3984114	25.74%	2.397%
59	18.615	2585	2589	2594	rVB3	242265	324396	2.10%	0.195%
60	18.715	2602	2606	2609	rVV3	141108	207613	1.34%	0.125%
61	18.815	2619	2623	2627	rVV	378713	516845	3.34%	0.311%
62	18.862	2627	2631	2636	rVB2	328139	428160	2.77%	0.258%
63	19.062	2661	2665	2669	rVB3	130824	175841	1.14%	0.106%
64	19.233	2689	2694	2699	rBV2	358437	637008	4.12%	0.383%
65	19.298	2701	2705	2708	rVV2	181414	255863	1.65%	0.154%
66	19.398	2714	2722	2726	rBV4	180985	410776	2.65%	0.247%
67	19.503	2734	2740	2745	rVV	11214643	15476299	100.00%	9.309%
68	19.592	2752	2755	2760	rVB	332488	409808	2.65%	0.247%
69	19.739	2774	2780	2789	rVB2	400528	858487	5.55%	0.516%
70	19.833	2790	2796	2798	rVV2	4882851	7220013	46.65%	4.343%
71	19.868	2798	2802	2808	rVV	8253411	11533390	74.52%	6.938%
72	19.927	2808	2812	2819	rVB	330520	481871	3.11%	0.290%
73	20.033	2826	2830	2837	rVB	416720	568400	3.67%	0.342%
74	20.103	2837	2842	2848	rVB	439025	599978	3.88%	0.361%
75	20.180	2849	2855	2856	rBV	397146	654223	4.23%	0.394%
76	20.350	2872	2884	2889	rVB	1322547	2544331	16.44%	1.530%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

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_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

77	20.450	2896	2901	2905	rBV2	1167195	1549380	10.01%	0.932%
78	20.509	2905	2911	2915	rVV2	462483	903779	5.84%	0.544%
79	20.544	2915	2917	2921	rVB2	221709	232186	1.50%	0.140%
80	20.650	2931	2935	2938	rBV	317912	406040	2.62%	0.244%
81	20.692	2939	2942	2946	rVB2	235688	314596	2.03%	0.189%
82	20.844	2965	2968	2972	rVB	157556	176730	1.14%	0.106%
83	20.939	2981	2984	2987	rBV	236878	301104	1.95%	0.181%
84	21.056	3000	3004	3008	rBV2	195150	336560	2.17%	0.202%
85	21.262	3036	3039	3042	rBV	485371	628209	4.06%	0.378%
86	21.303	3042	3046	3049	rVV2	934729	1235489	7.98%	0.743%
87	21.344	3049	3053	3057	rVB2	523874	778237	5.03%	0.468%
88	21.609	3089	3098	3104	rBV2	2657878	6572547	42.47%	3.954%
89	21.662	3104	3107	3113	rVB	2167664	2733953	17.67%	1.645%
90	21.786	3125	3128	3135	rVB	407960	623519	4.03%	0.375%
91	21.950	3152	3156	3162	rBV3	303234	493085	3.19%	0.297%
92	22.386	3227	3230	3234	rVB	175159	207048	1.34%	0.125%
93	22.433	3235	3238	3241	rBV2	156424	227705	1.47%	0.137%
94	22.738	3287	3290	3296	rBV3	163558	229703	1.48%	0.138%
95	23.344	3387	3393	3399	rBV	1734100	4124201	26.65%	2.481%
96	23.538	3422	3426	3431	rVB	261900	446931	2.89%	0.269%
97	23.885	3480	3485	3489	rBV	828755	1514511	9.79%	0.911%
98	23.950	3489	3496	3500	rVV2	2566195	5284540	34.15%	3.179%
99	23.997	3500	3504	3511	rVB	1032272	1845484	11.92%	1.110%
100	24.103	3516	3522	3528	rBV2	1112831	2218493	14.33%	1.334%

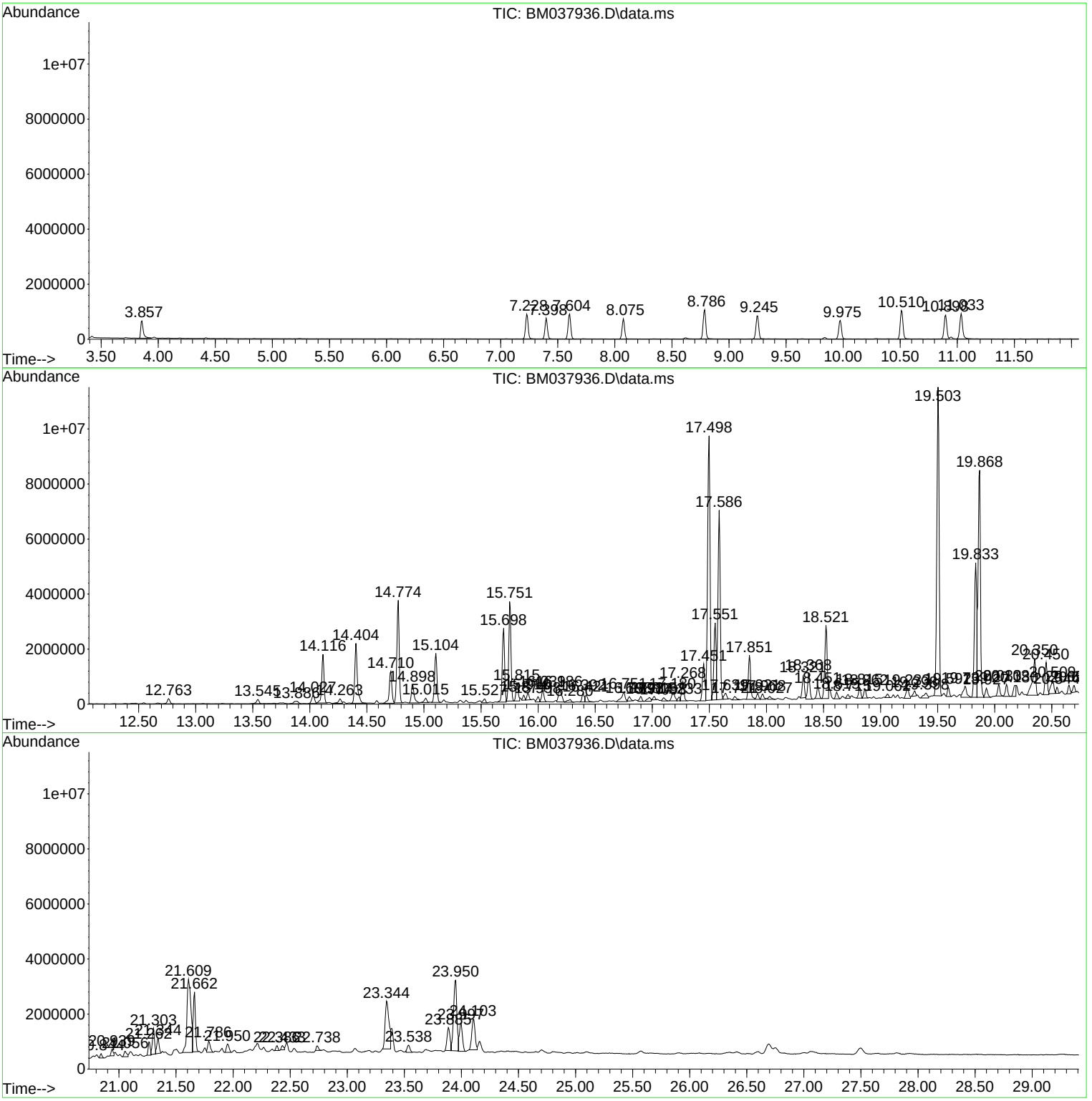
Sum of corrected areas: 166243149

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

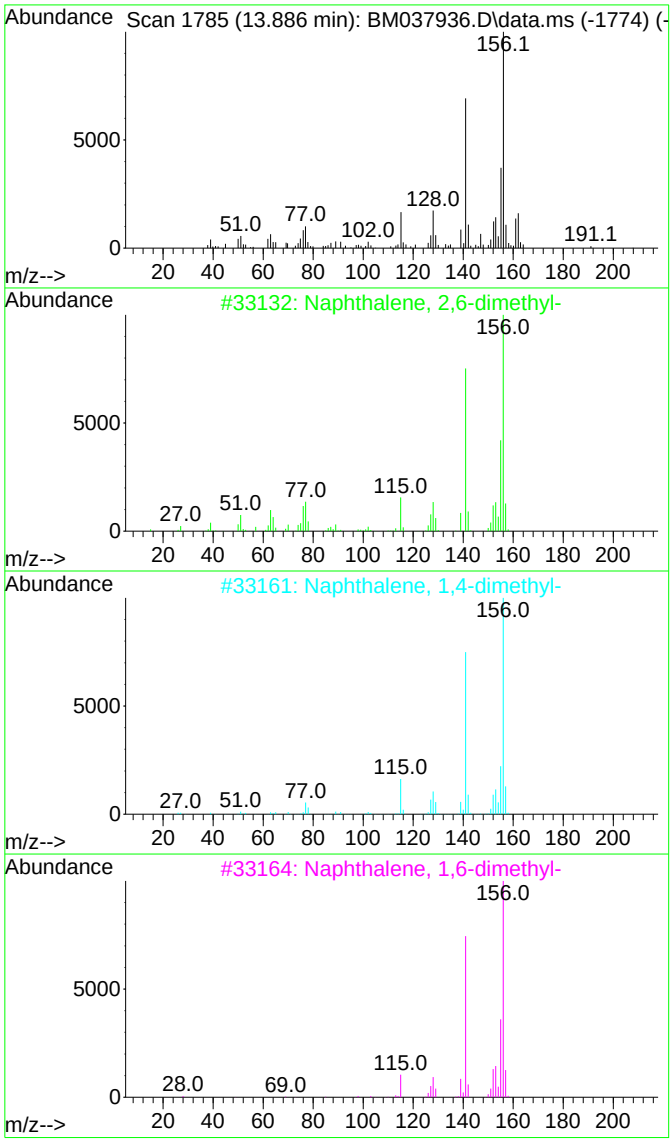
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

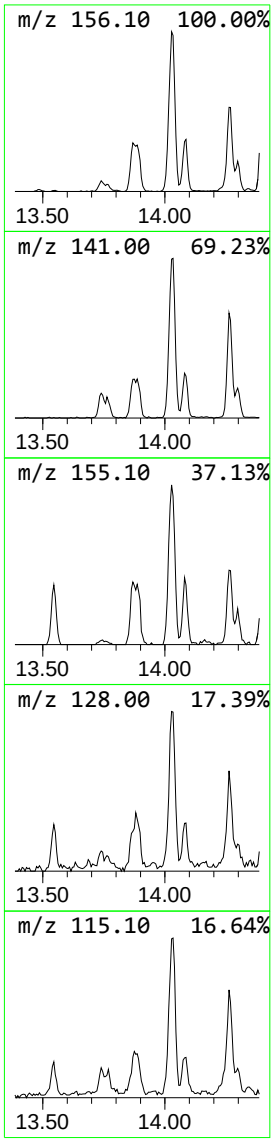
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.83 ng/ul	257175	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

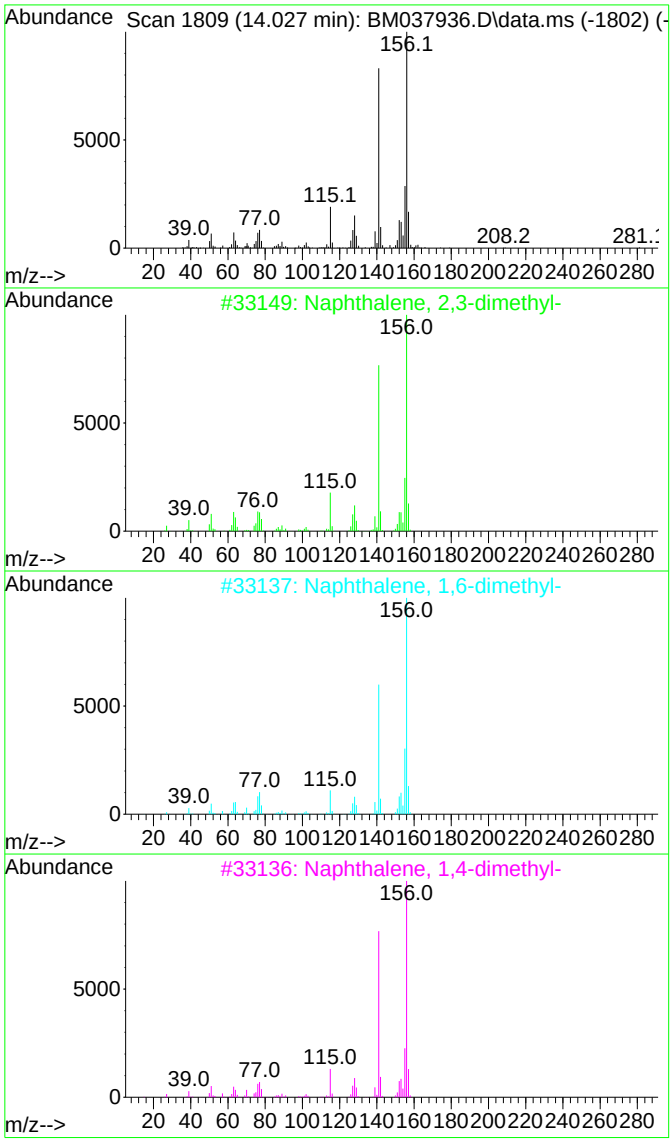
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

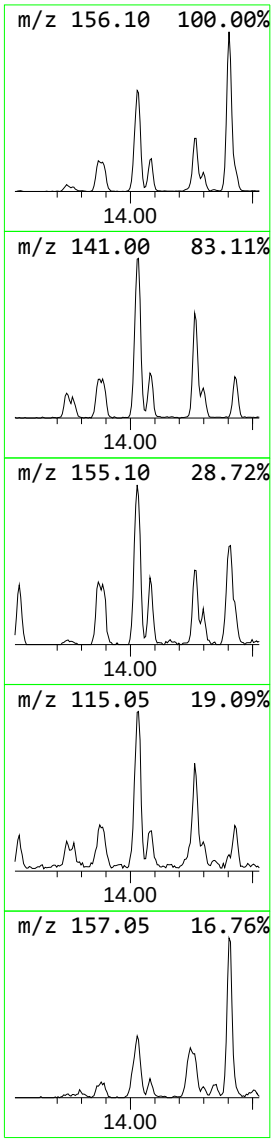
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	5.74 ng/ul	520809	Acenaphthene-d10	14.710

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

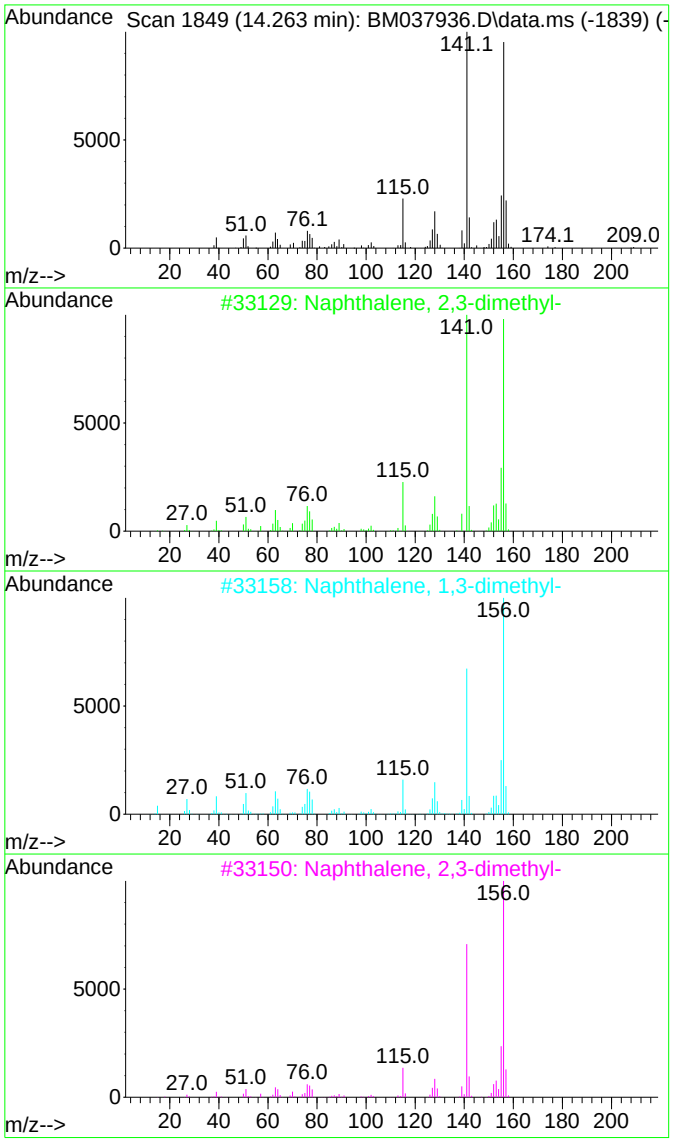
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

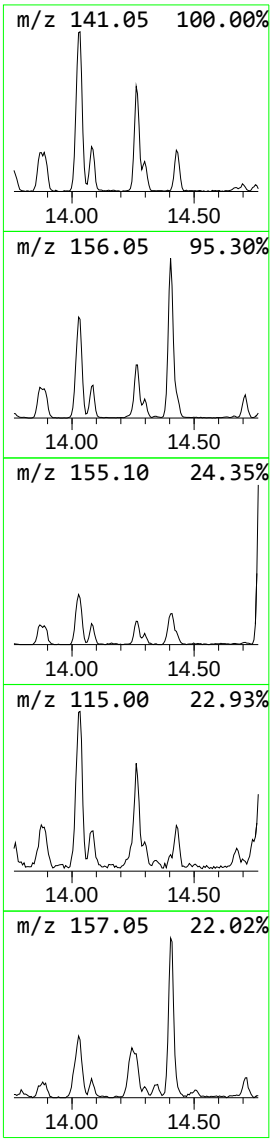
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	3.21 ng/ul	291031	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

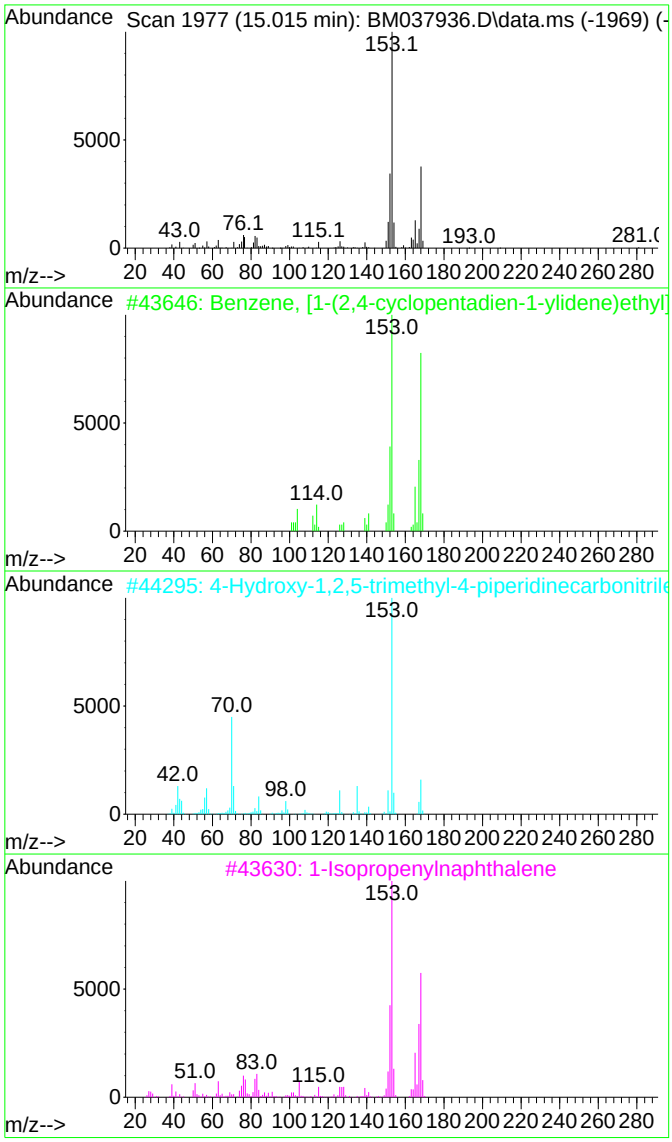
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

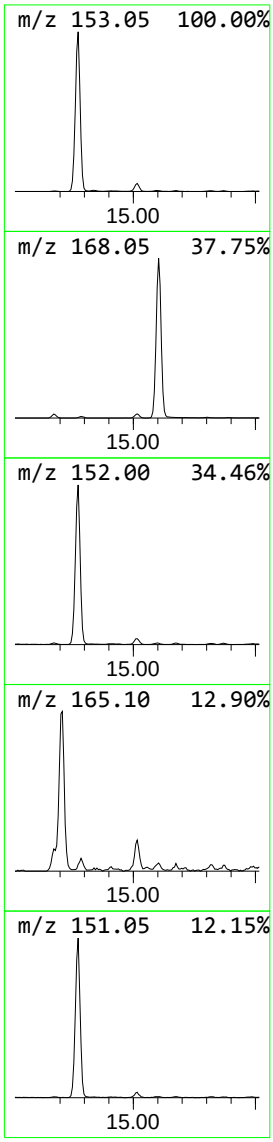
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, [1-(2,4-cyclopenta... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	2.78 ng/ul	252139	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
2	4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	59
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	52
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

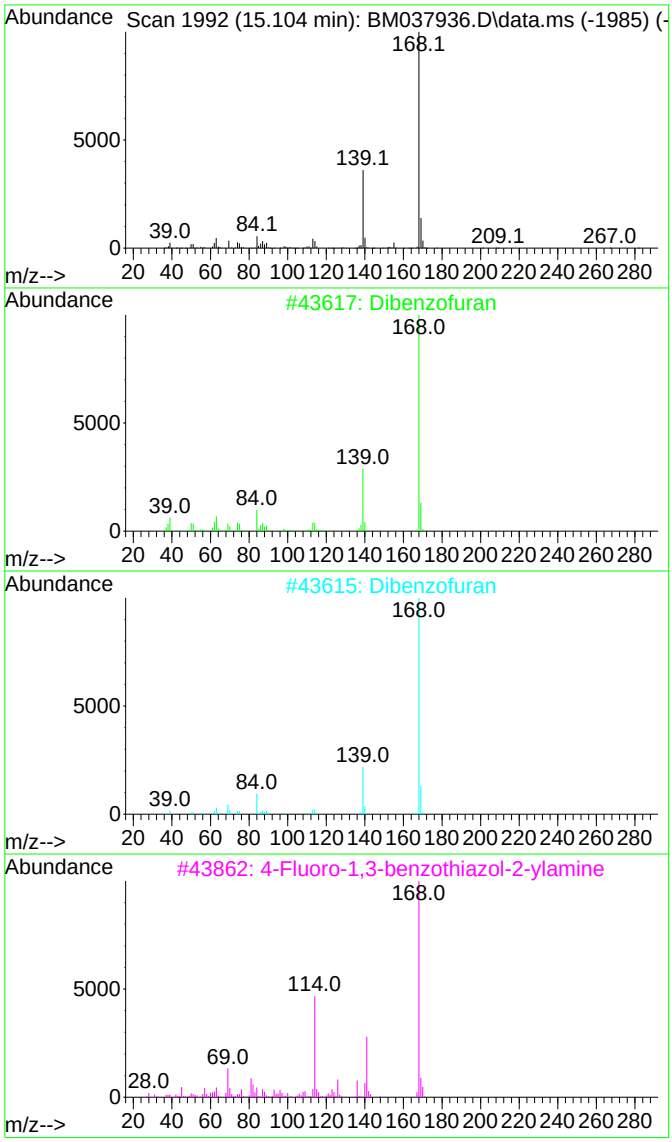
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

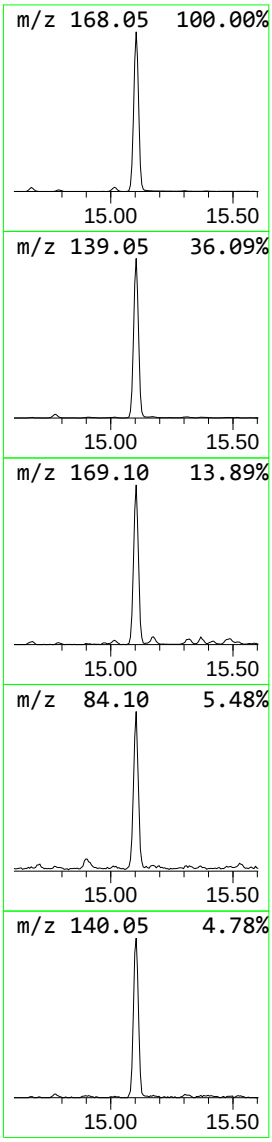
****

Peak Number 6 Dibenzo furan Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	27.97 ng/ul	2537650	Acenaphthene-d10	14.710

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	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	64
4	1-Naphthalenecarbonitrile, 8-amino-	168	C11H8N2	038515-13-8	64
5	Dibenzofuran	168	C12H8O	000132-64-9	64





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

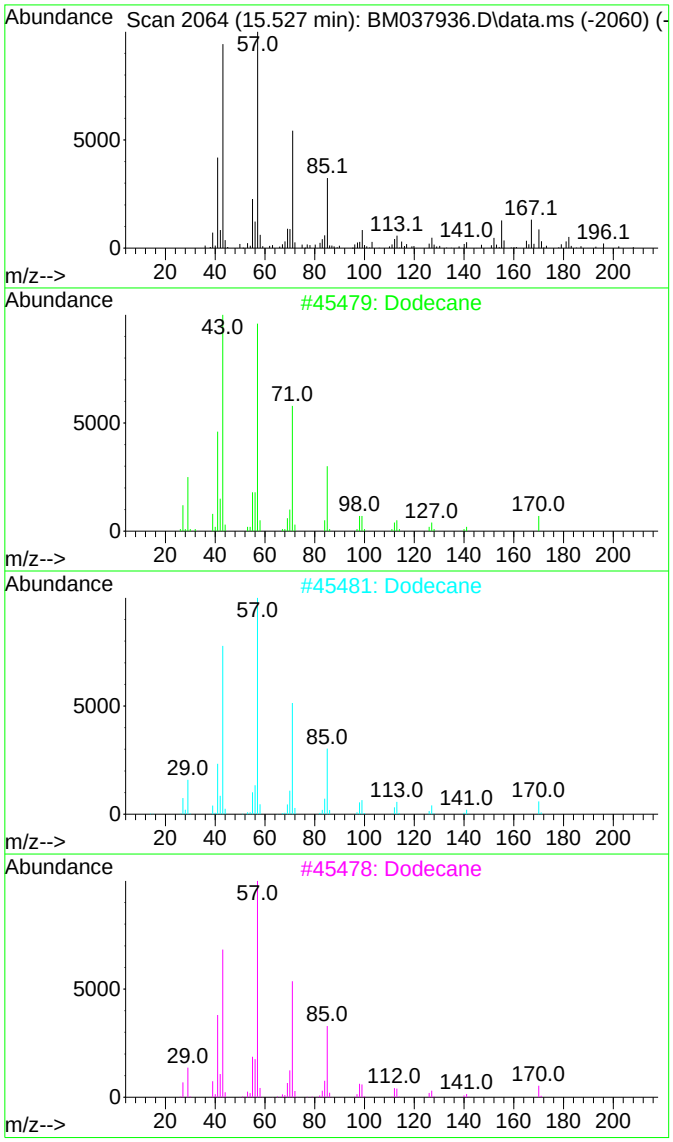
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

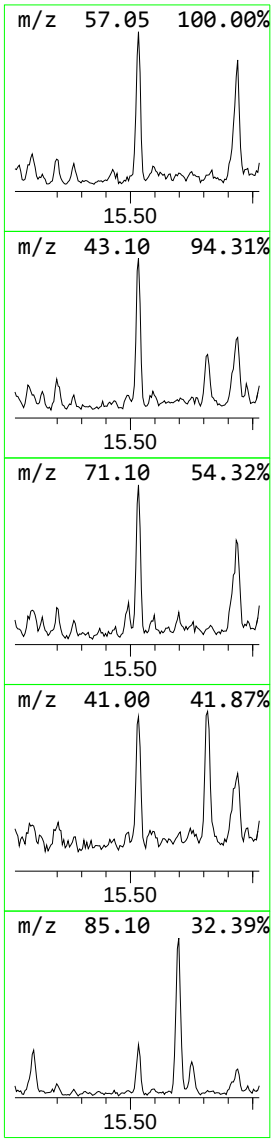
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	2.30 ng/ul	208463	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Dodecane	170	C12H26	000112-40-3	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Dodecane	170	C12H26	000112-40-3	60
5	Heptadecane	240	C17H36	000629-78-7	58





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

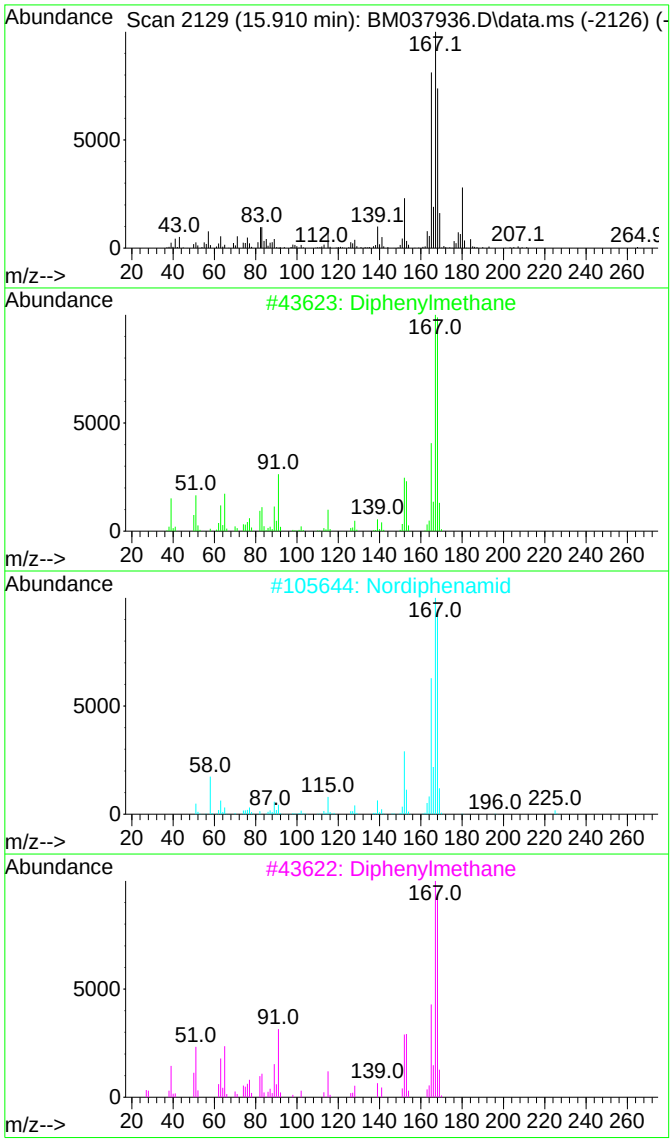
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

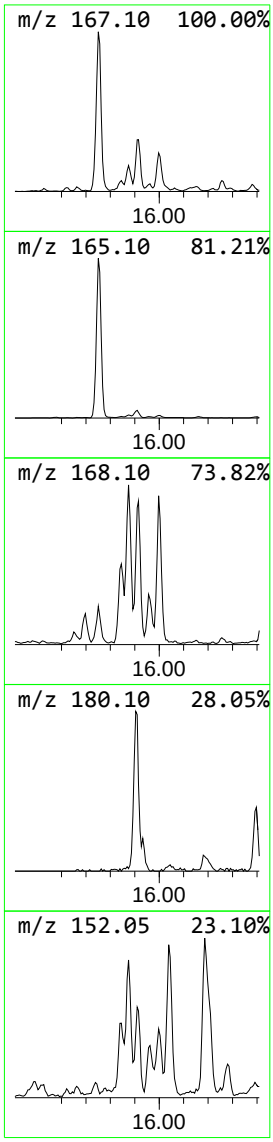
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Diphenylmethane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	3.59 ng/ul	325319	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	60
2	Nordiphenamid	225	C15H15NO	000954-21-2	59
3	Diphenylmethane	168	C13H12	000101-81-5	53
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
5	Benzene, 1,1'-[(methylthio)methy...	214	C14H14S	015733-08-1	43





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

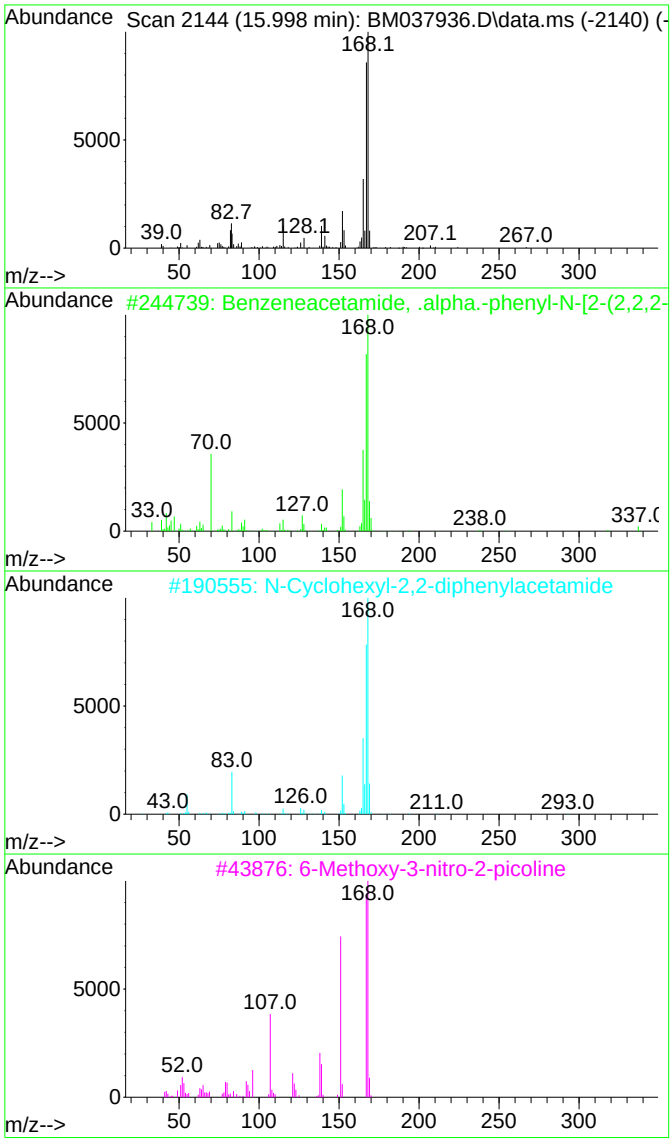
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

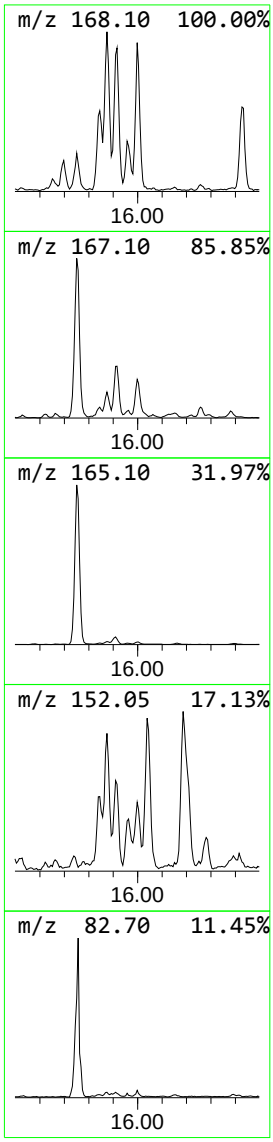
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzeneacetamide, .alpha.-p... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	2.98 ng/ul	270822	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	78
2	N-Cyclohexyl-2,2-diphenylacetamide	293	C20H23NO	024932-56-7	78
3	6-Methoxy-3-nitro-2-picoline	168	C7H8N2O3	005467-69-6	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	Diphenylmethane	168	C13H12	000101-81-5	64





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

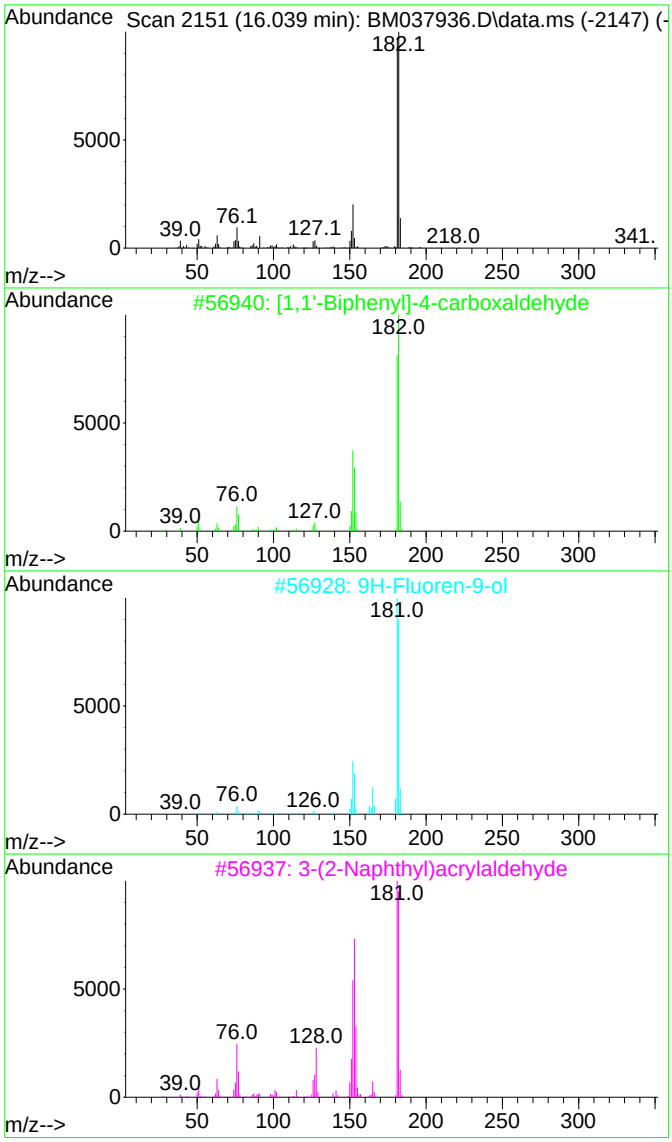
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

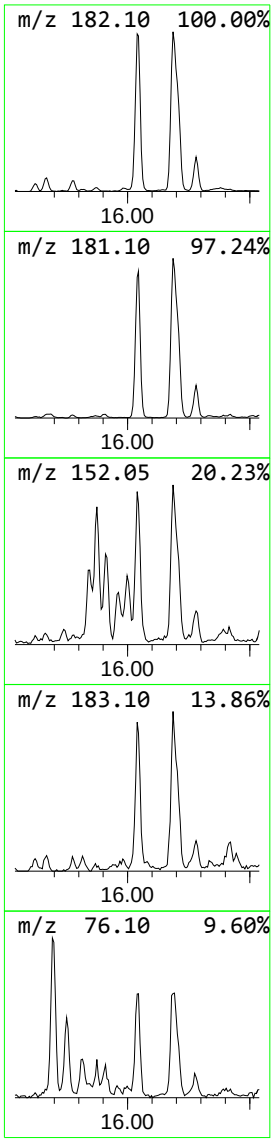
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	6.75 ng/ul	612072	Acenaphthene-d10	14.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72
5	9H-Xanthene	182	C13H10O	000092-83-1	60





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Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

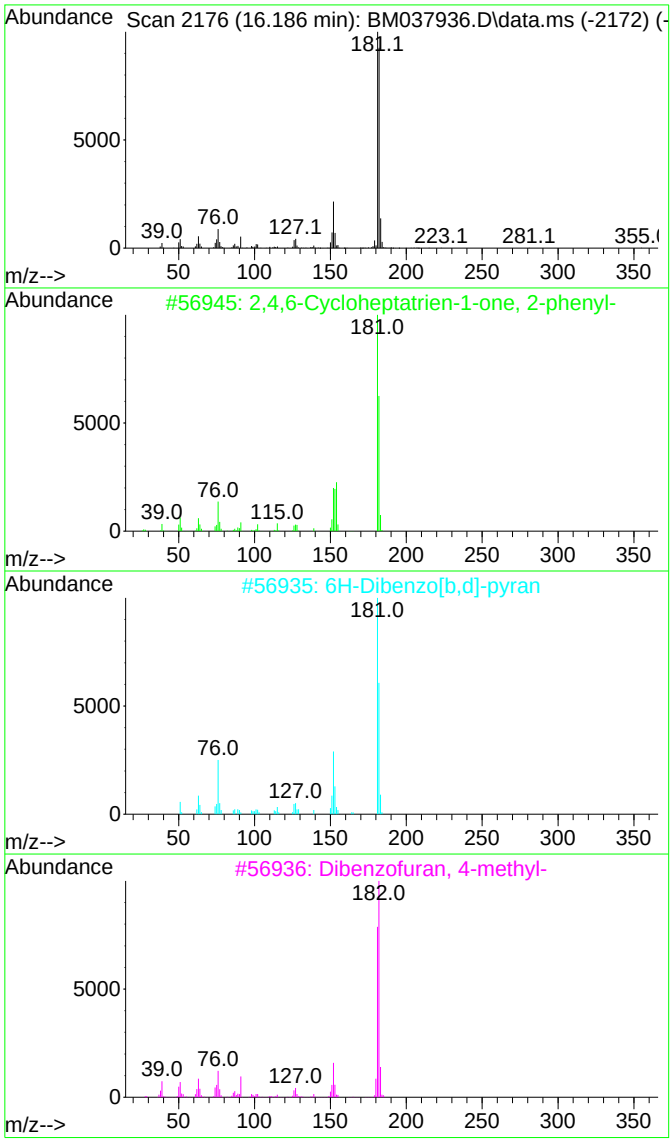
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

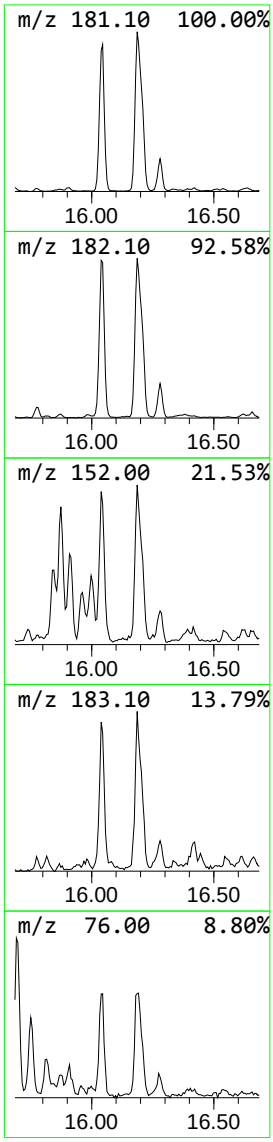
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	8.45 ng/ul	851436	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





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Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

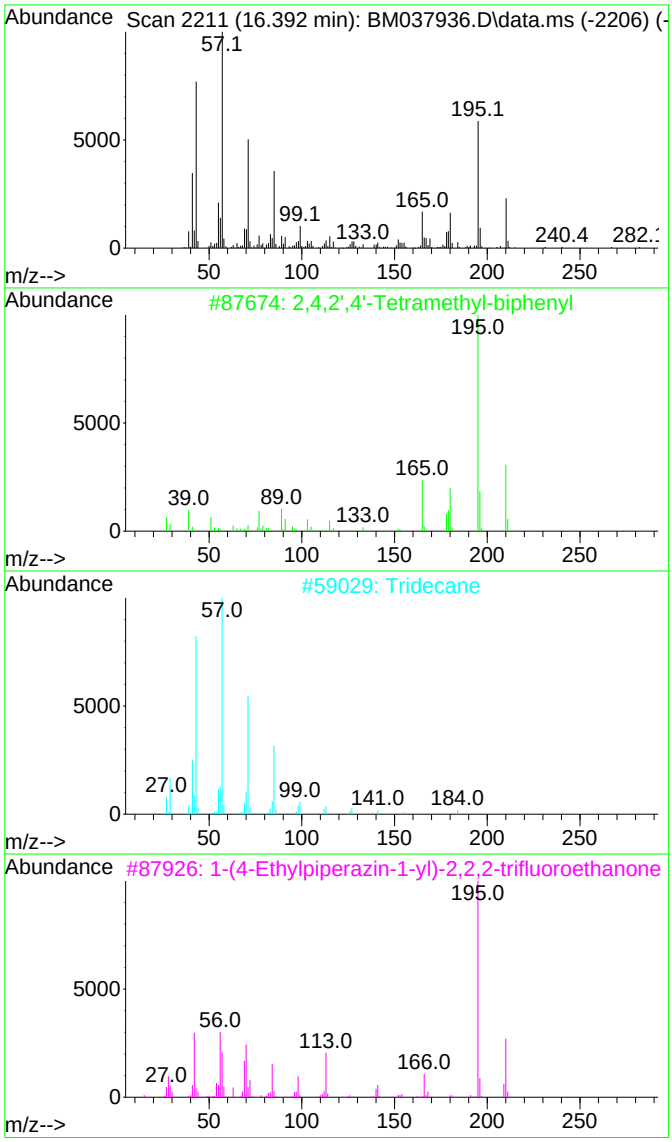
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

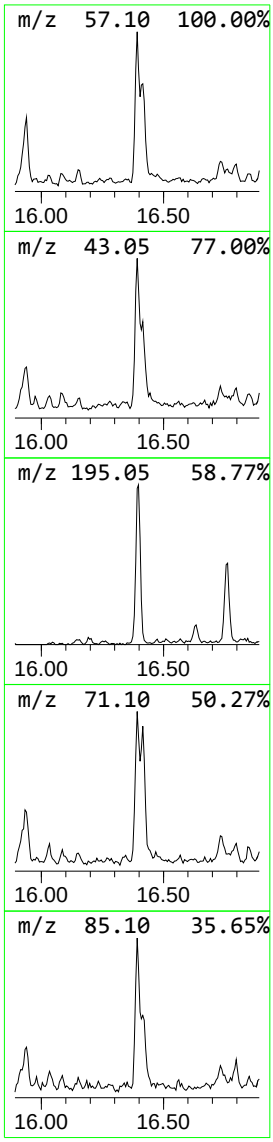
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	4.53 ng/ul	456556	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	89
2	Tridecane	184	C13H28	000629-50-5	86
3	1-(4-Ethylpiperazin-1-yl)-2,2,2-...	210	C8H13F3N2O	1010373-19-2	51
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
5	Nonadecane	268	C19H40	000629-92-5	50





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

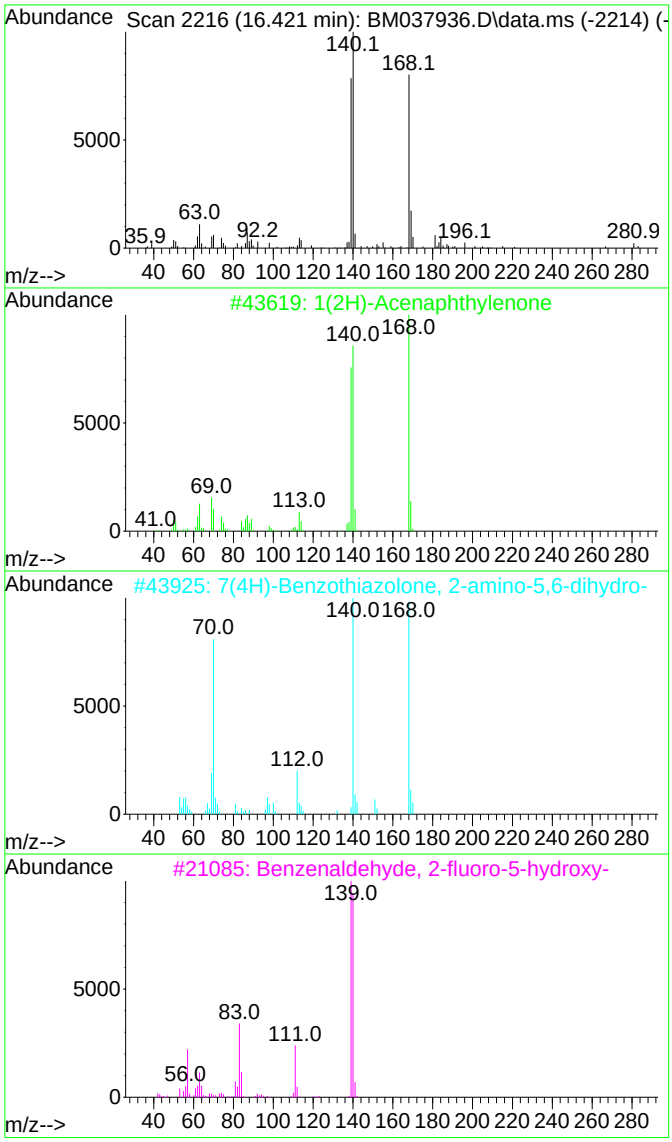
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

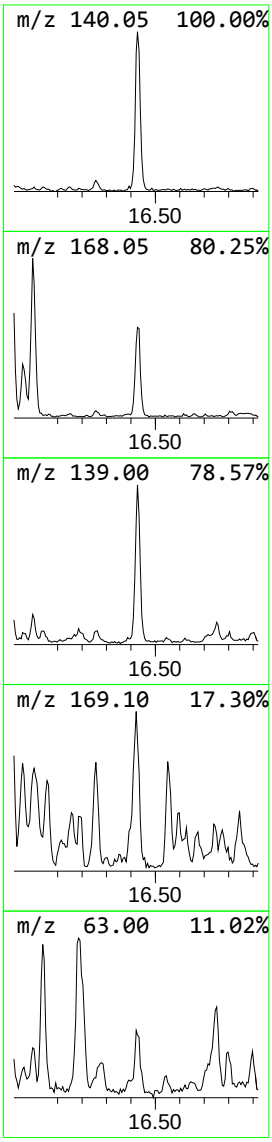
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.421	3.56 ng/ul	358848	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	52
2	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50
3	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	43
4	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	43
5	2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	43





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

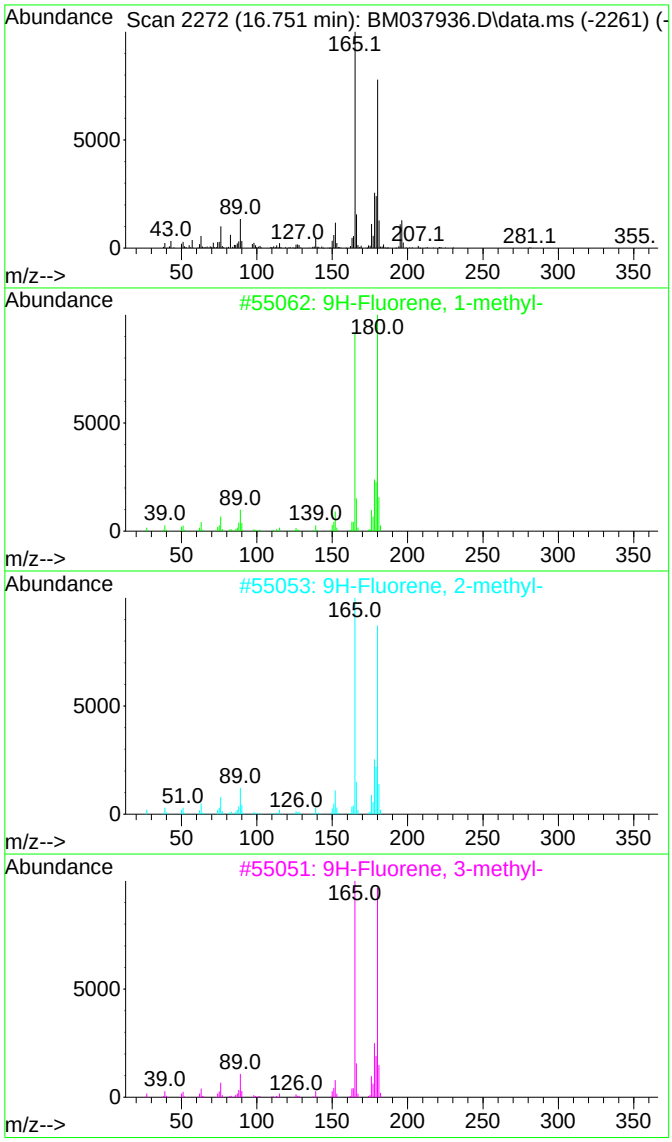
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

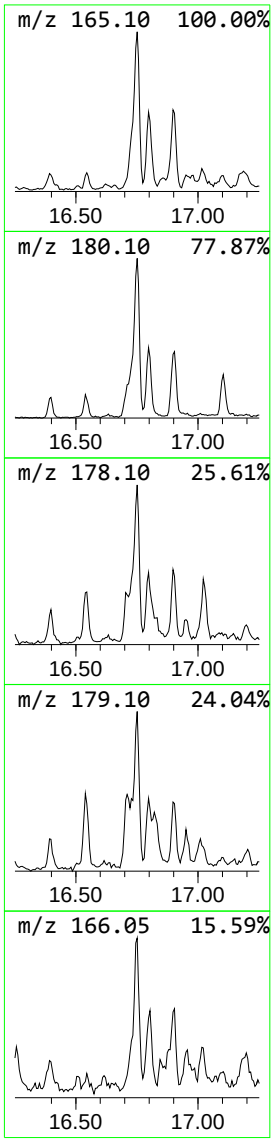
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	7.72 ng/ul	778221	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90





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Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

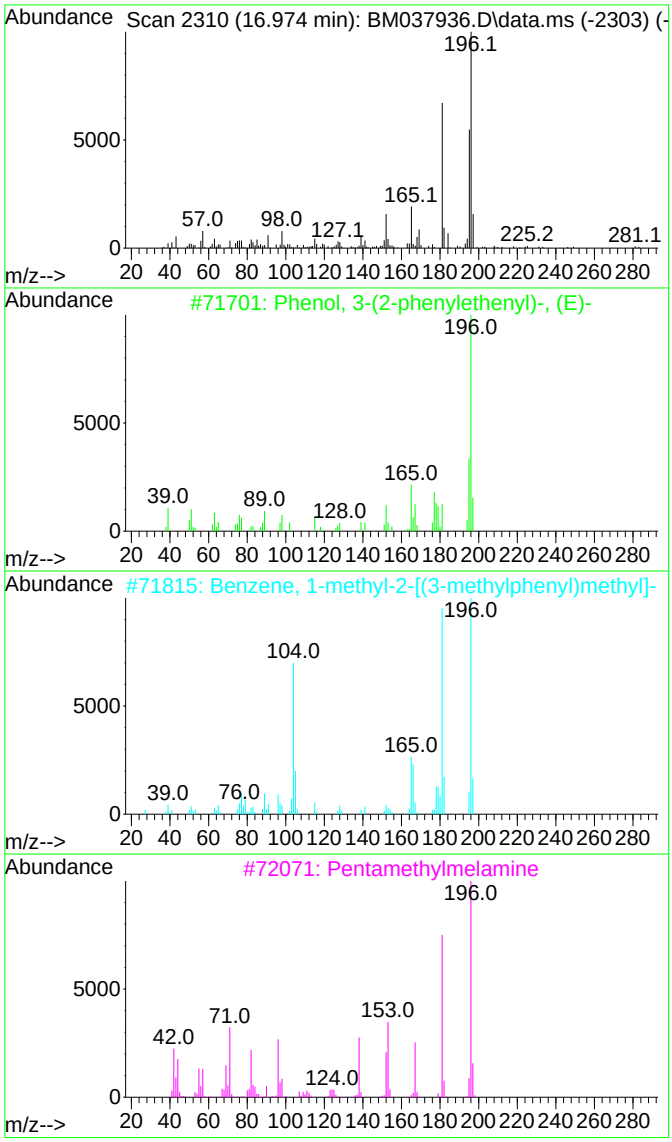
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

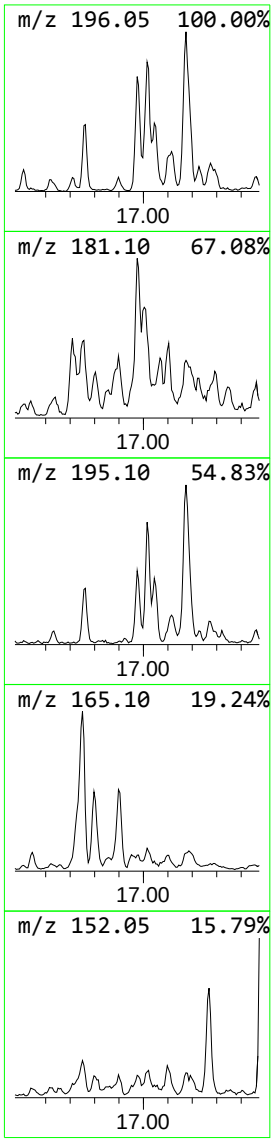
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenol, 3-(2-phenylethenyl)... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	2.88 ng/ul	290504	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	62
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	59
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	58
4	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	53
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49





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Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

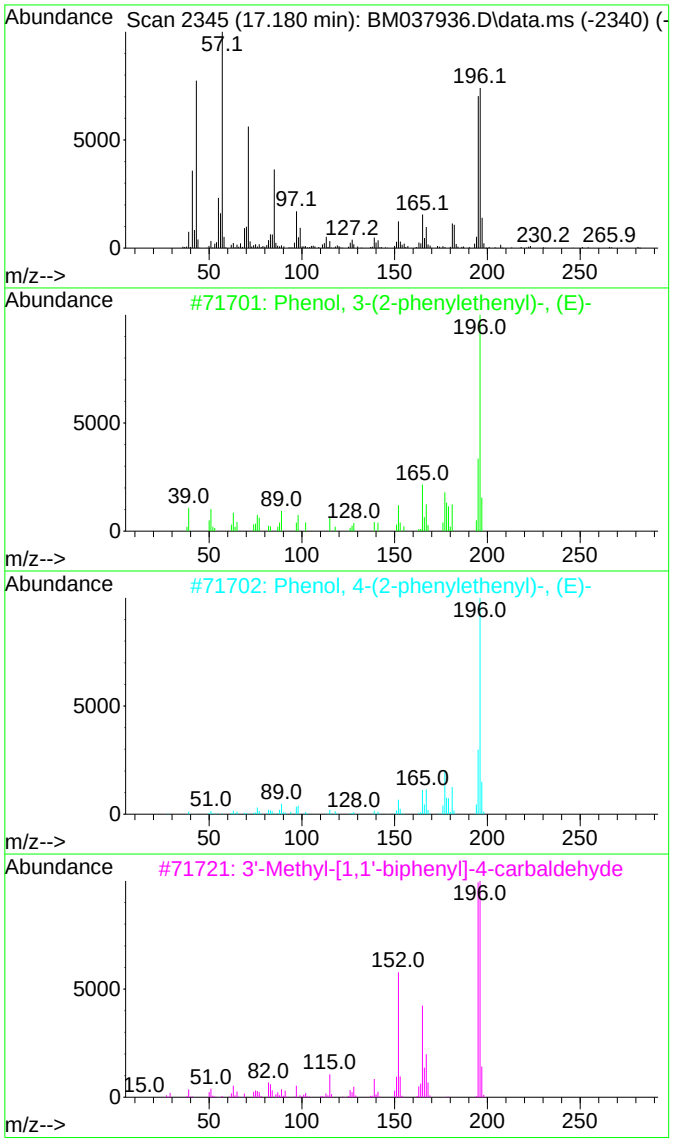
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

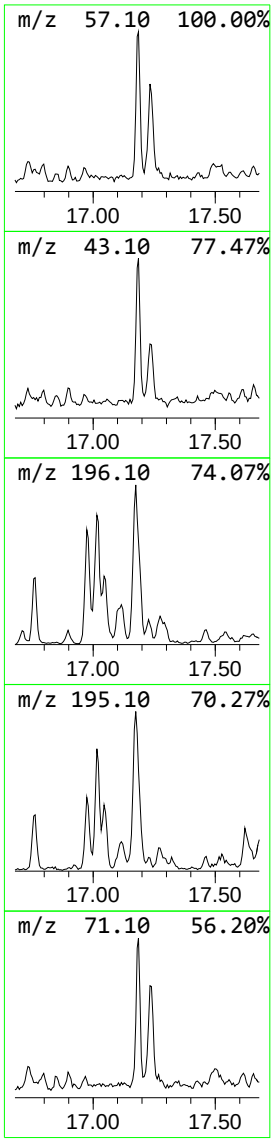
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenol, 4-(2-phenylethenyl)... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	6.17 ng/ul	622149	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	78
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	60
3	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	60
4	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	60
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	55





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Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

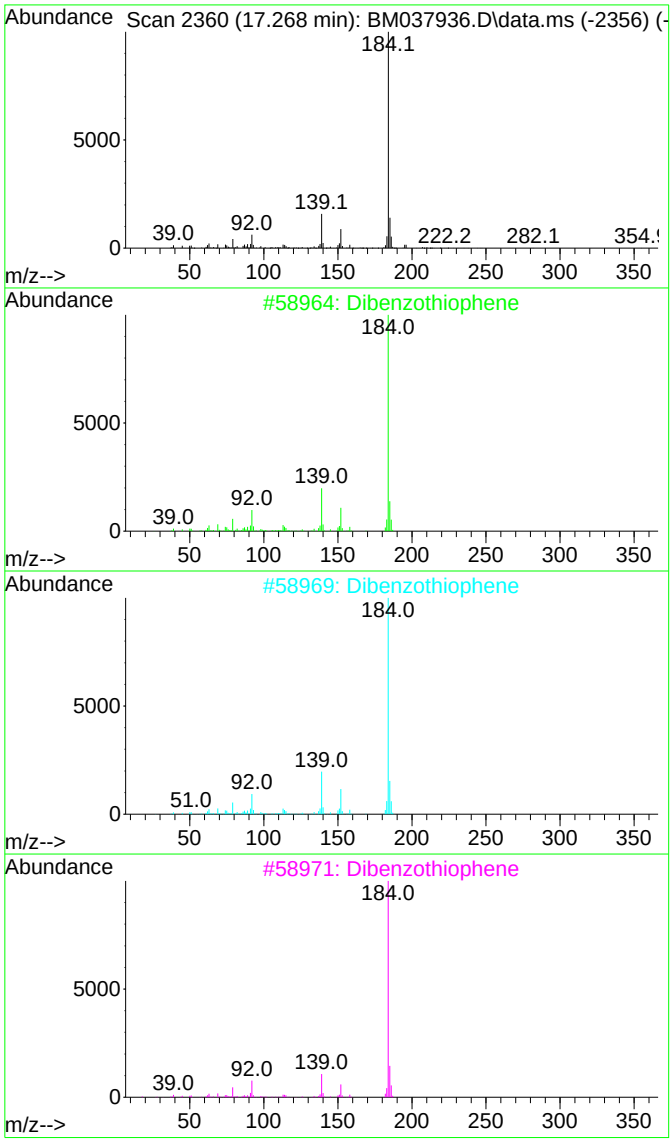
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

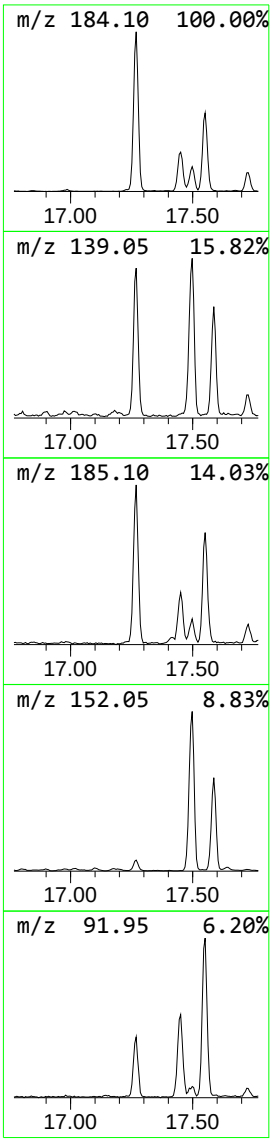
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	9.80 ng/ul	988120	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	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

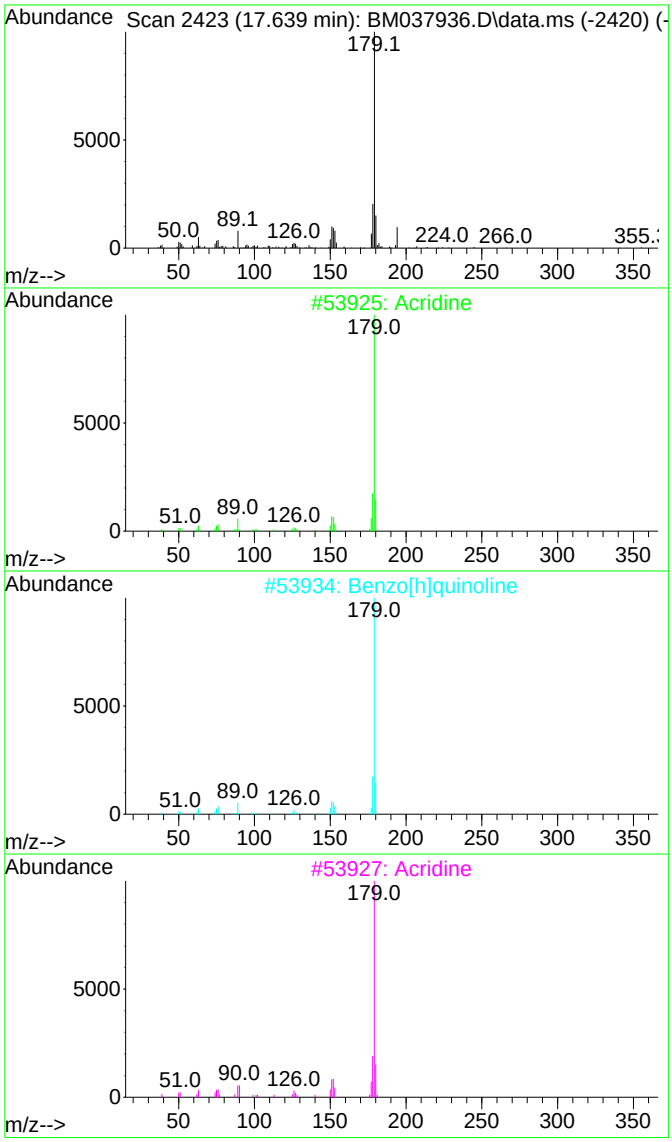
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

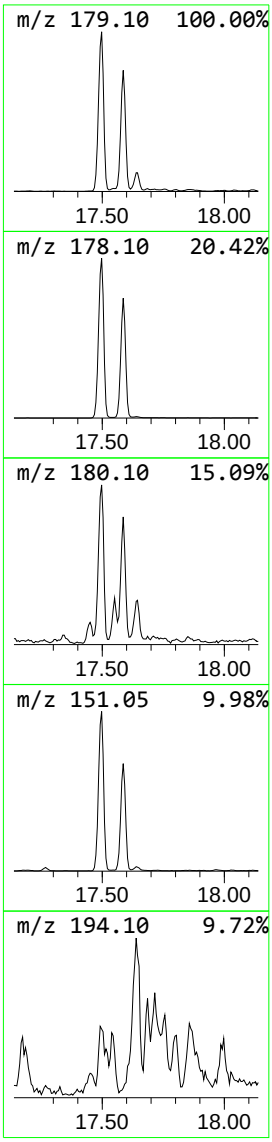
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Acridine Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.639	3.37 ng/ul	340104	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	93
3	Acridine	179	C13H9N	000260-94-6	93
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	93
5	Acridine	179	C13H9N	000260-94-6	91





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

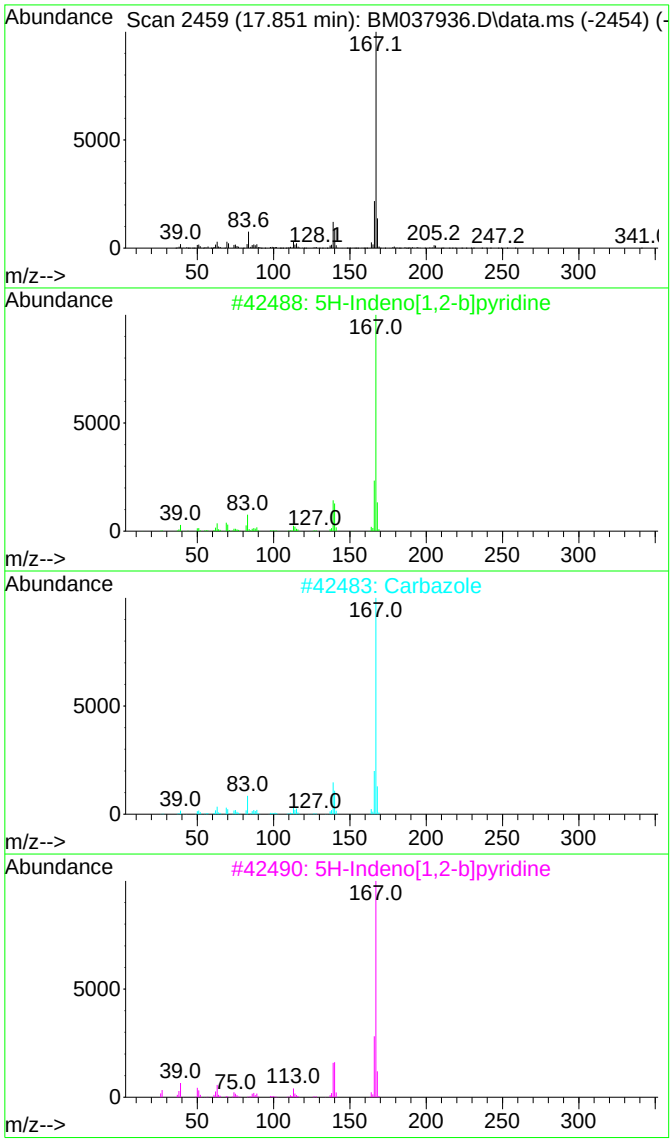
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

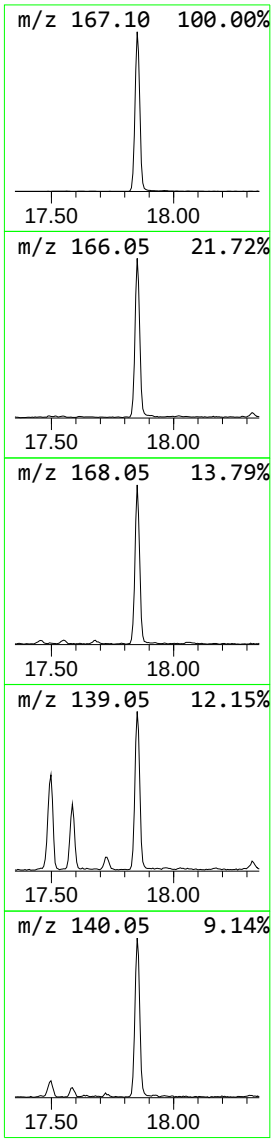
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	22.46 ng/ul	2263960	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	87





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

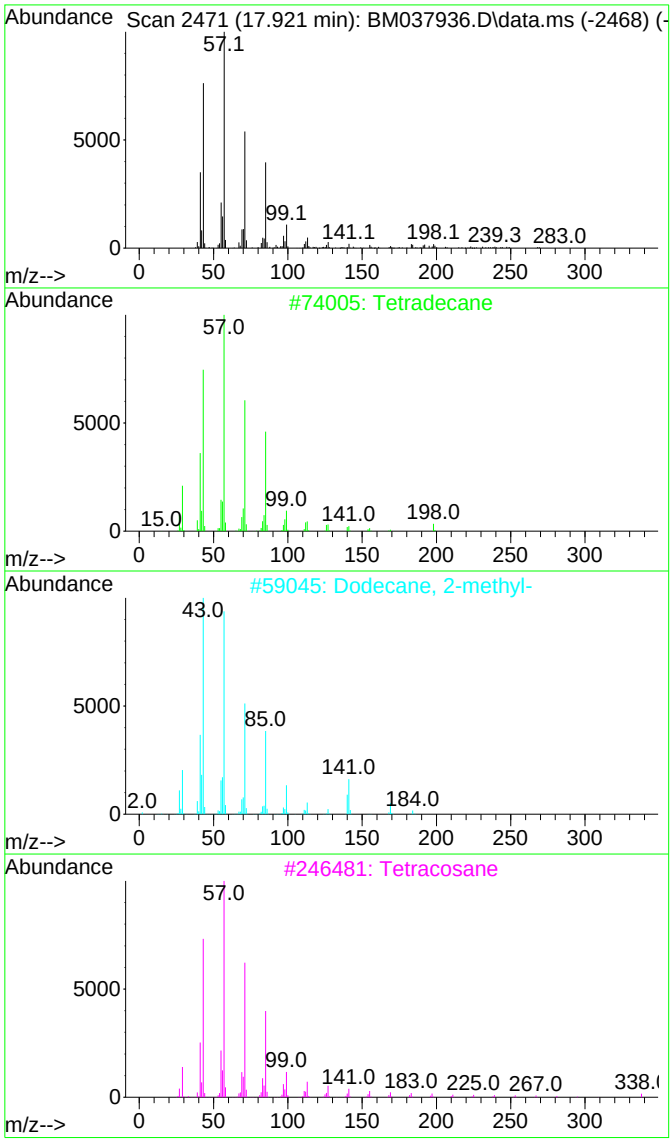
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

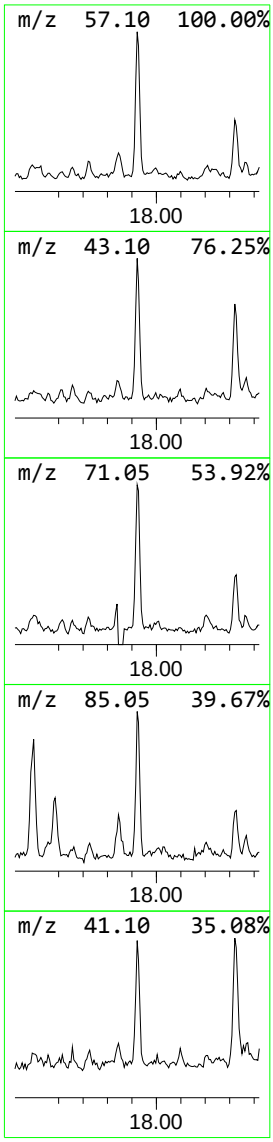
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	2.64 ng/ul	266539	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

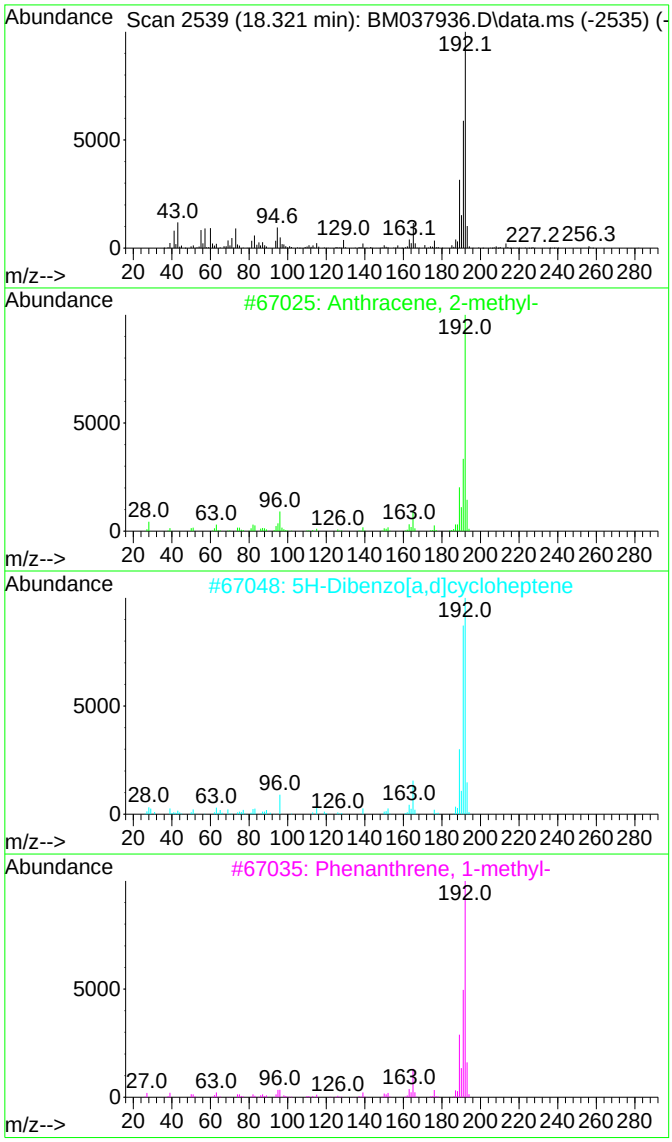
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

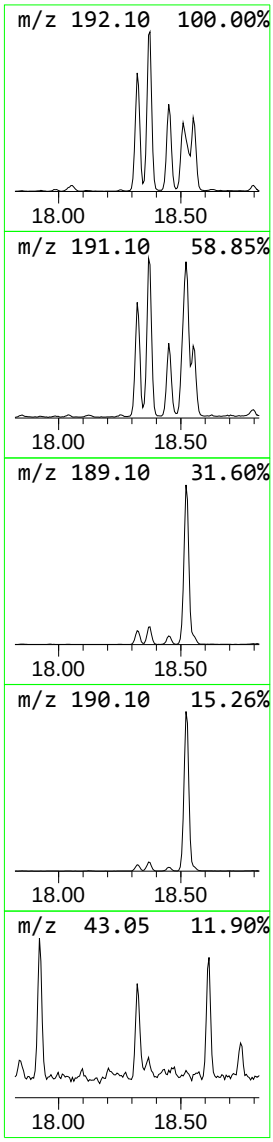
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	10.37 ng/ul	1045670	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

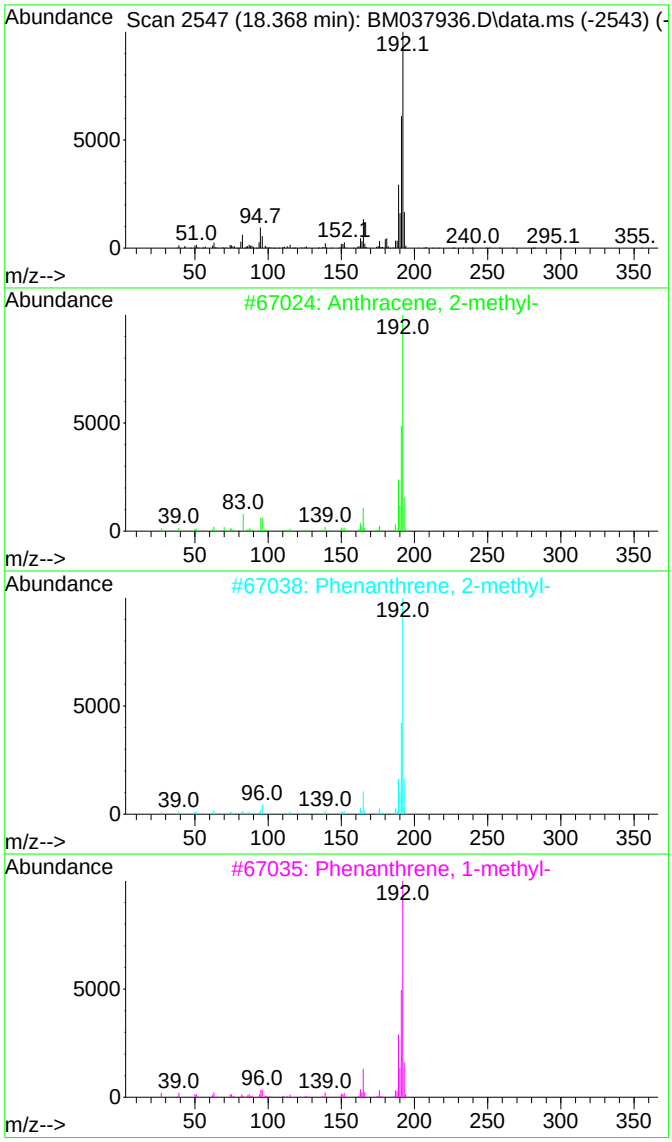
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

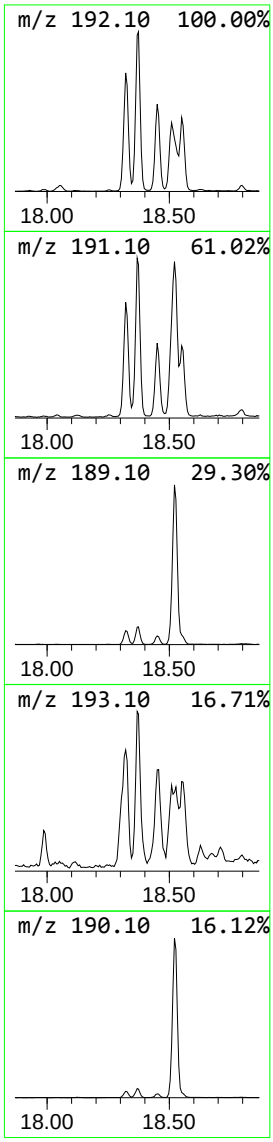
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	12.58 ng/ul	1267840	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

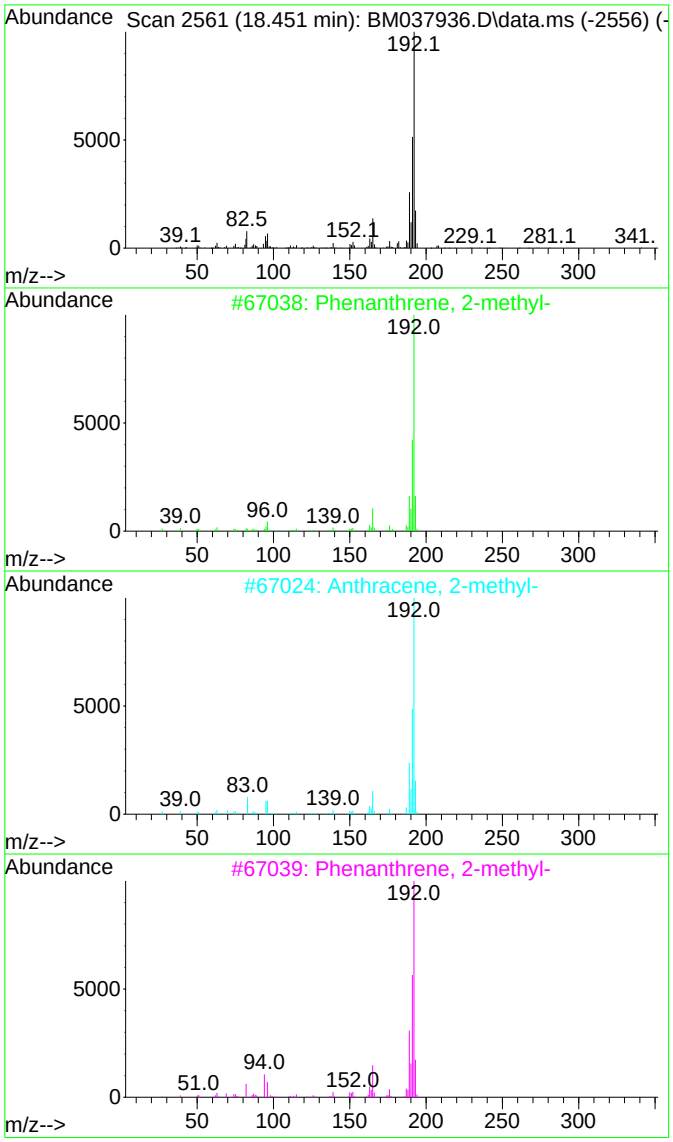
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

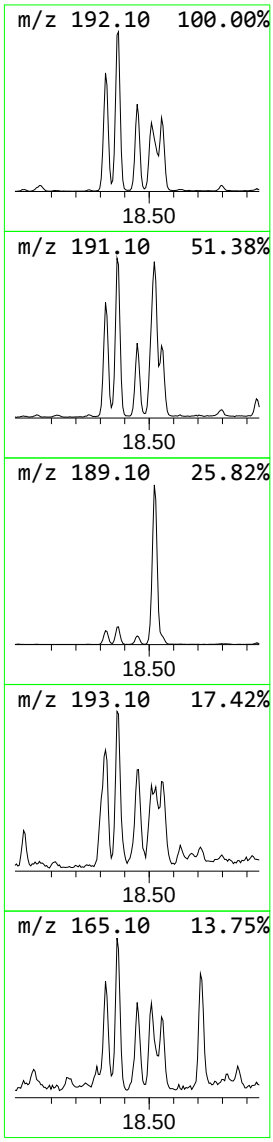
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	6.22 ng/ul	627383	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, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

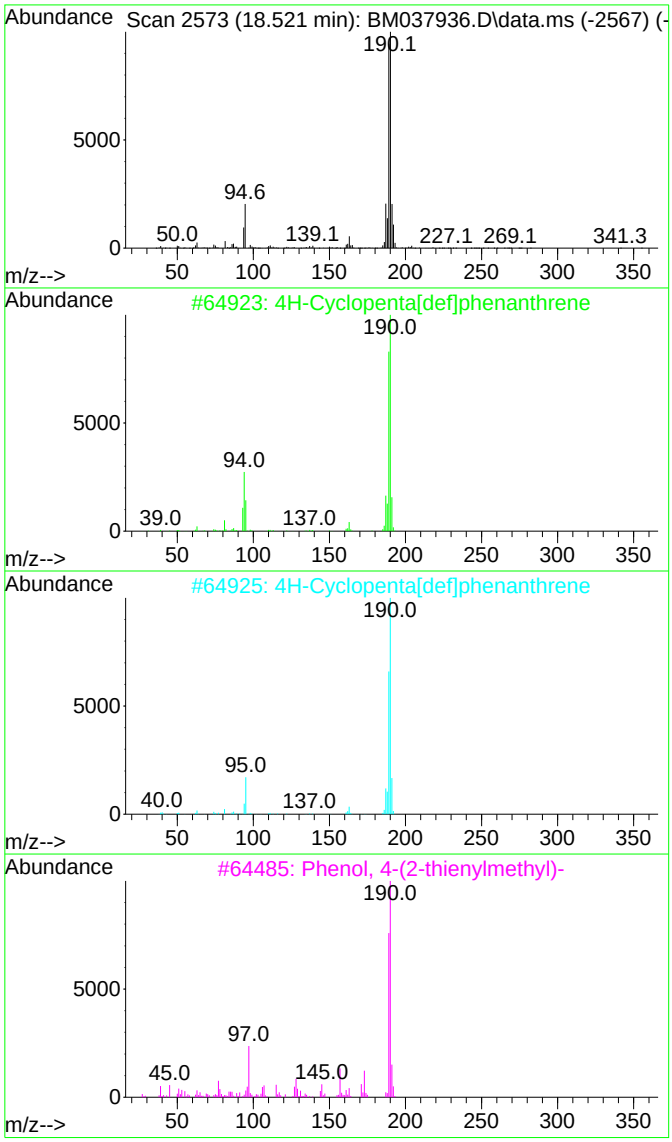
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

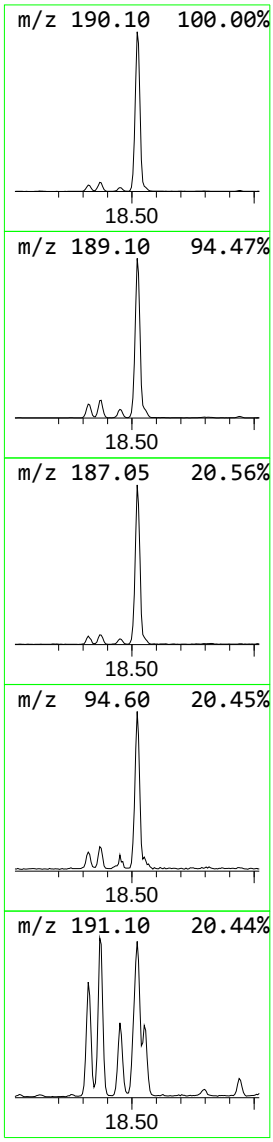
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	39.53 ng/ul	3984110	Phenanthrene-d10	17.451

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	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53





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Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

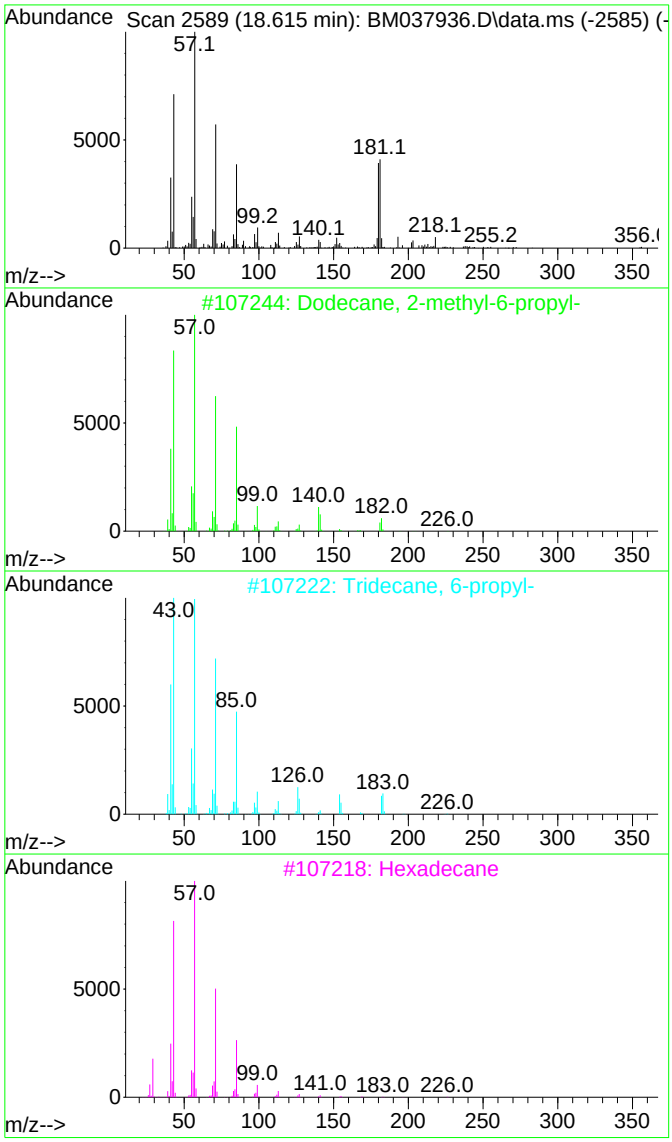
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

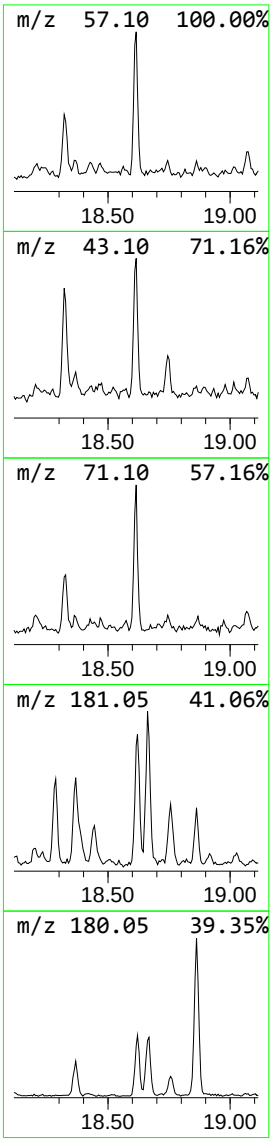
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	3.22 ng/ul	324396	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	70
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Heptacosane	380	C27H56	000593-49-7	45
5	Eicosane	282	C20H42	000112-95-8	43





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Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

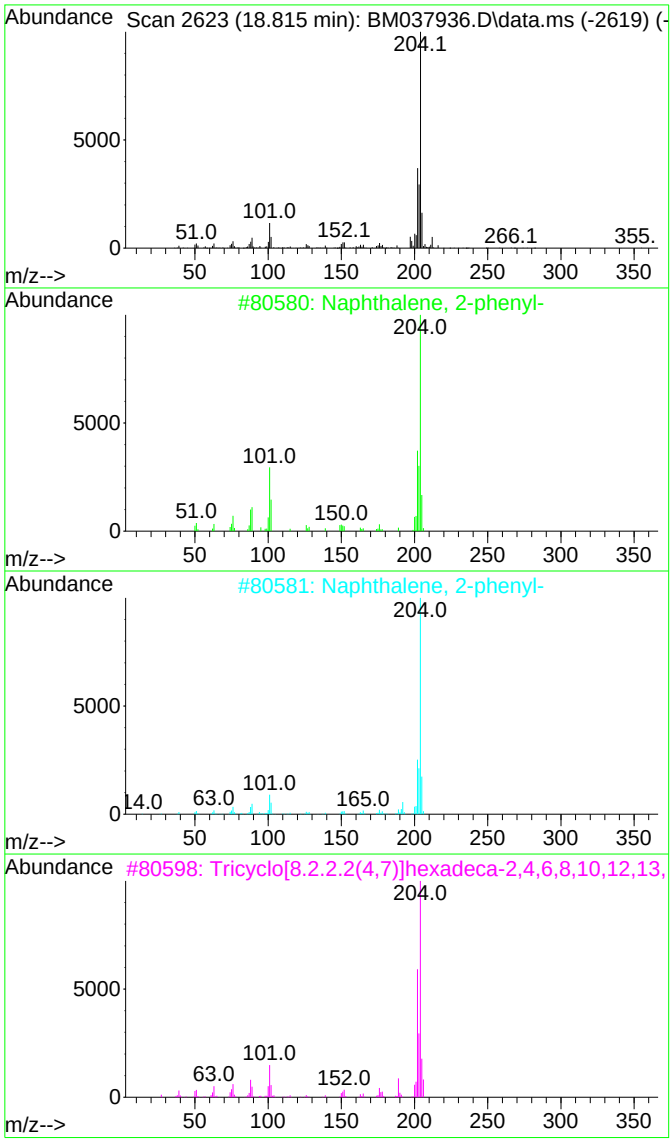
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

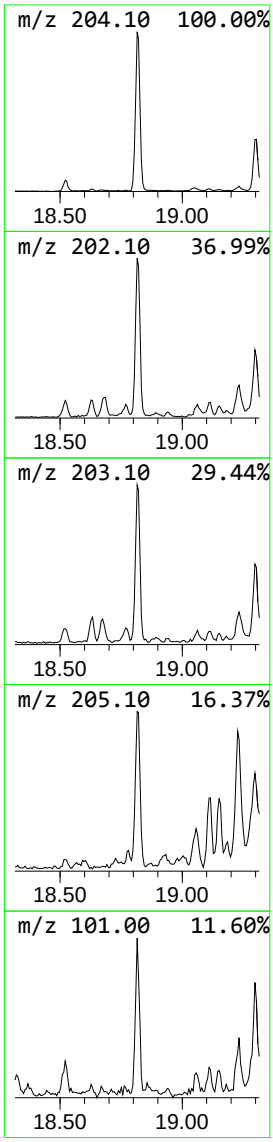
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.815	5.13 ng/ul	516845	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

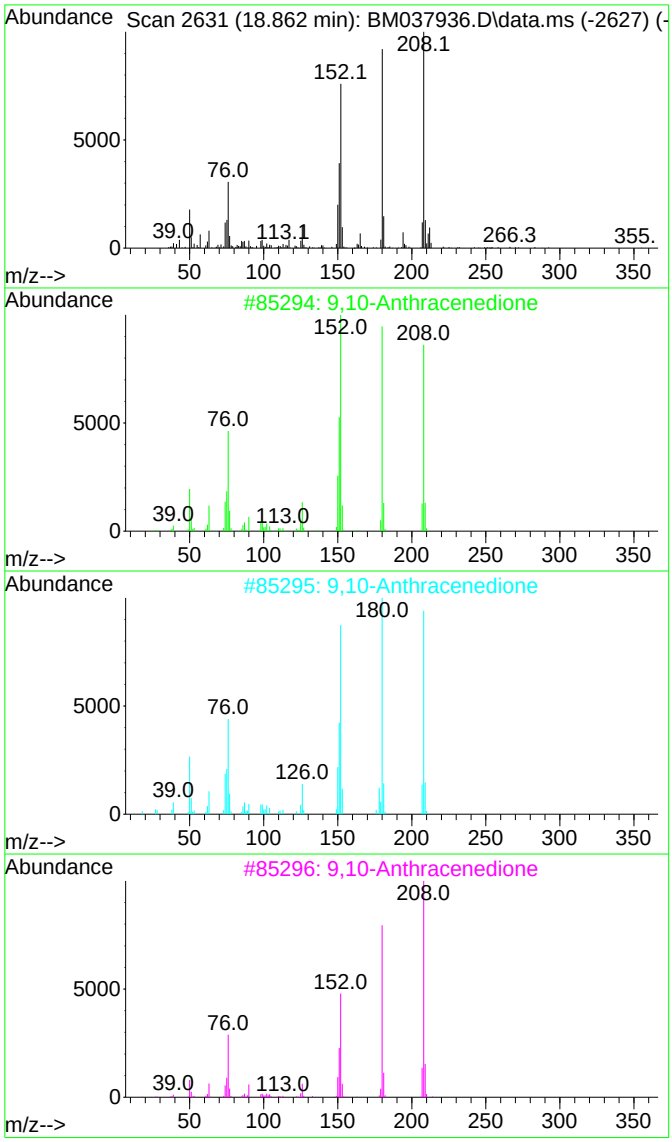
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

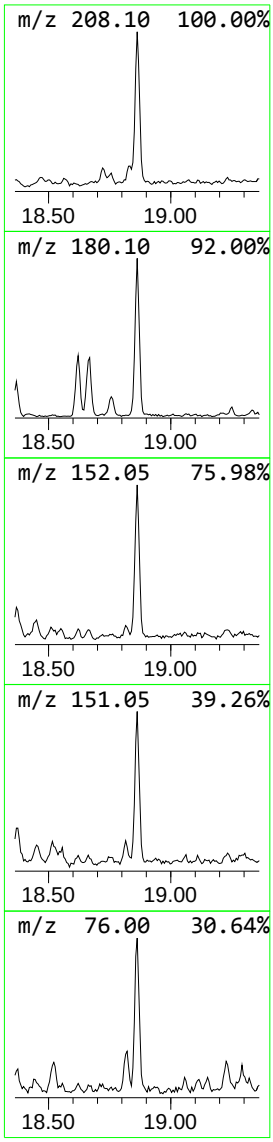
****

Peak Number 34 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	4.25 ng/ul	428160	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

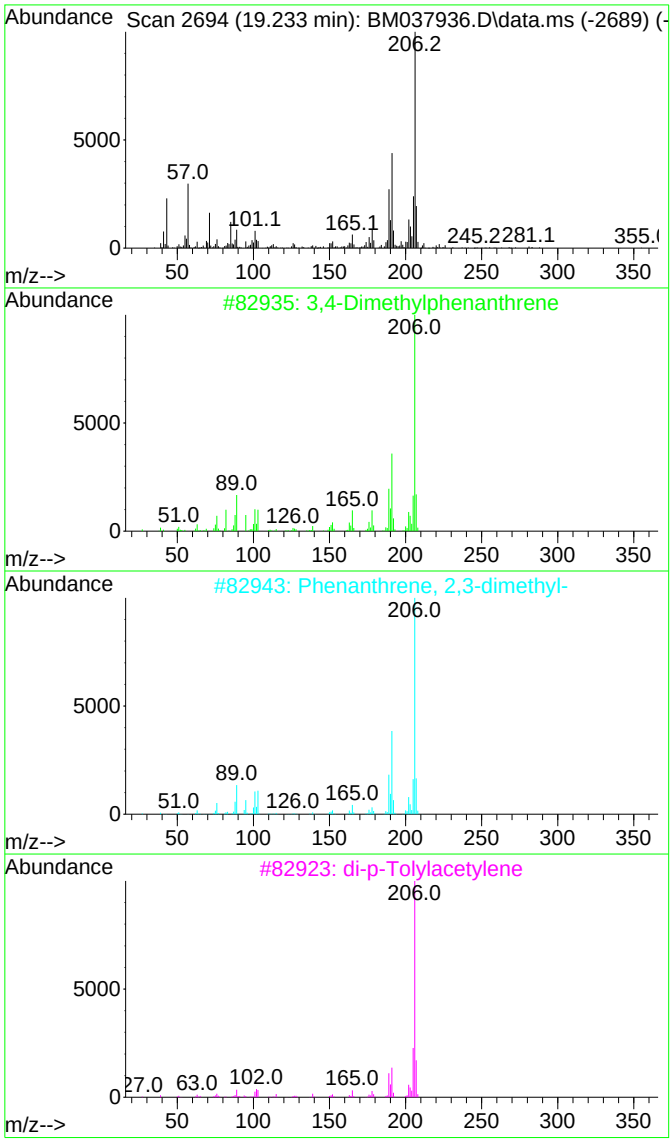
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

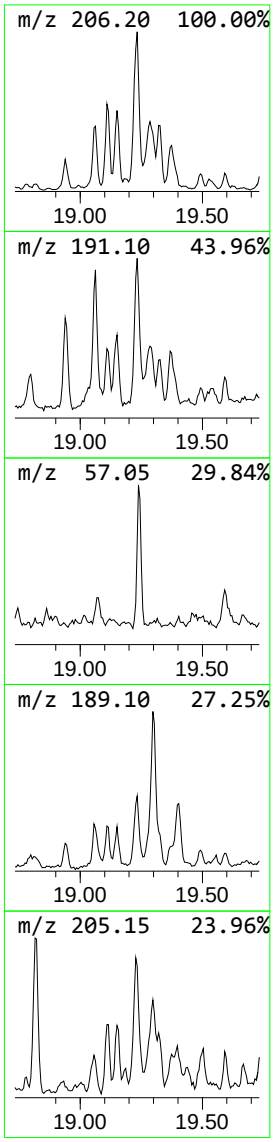
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 3,4-Dimethylphenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	6.32 ng/ul	637008	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

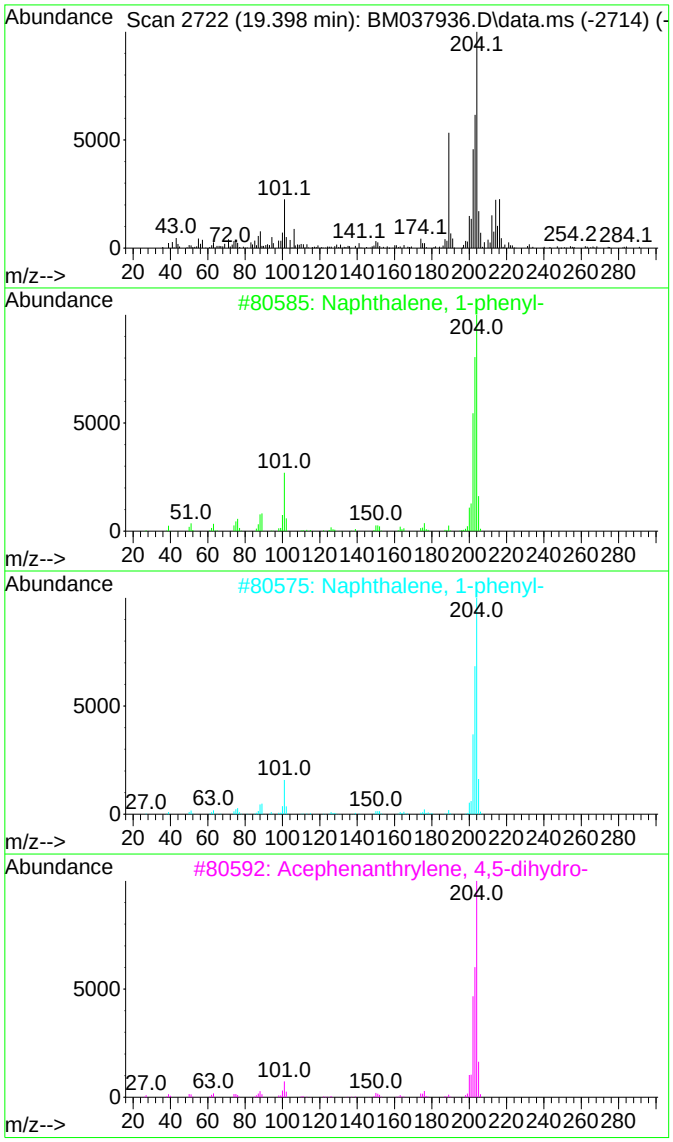
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

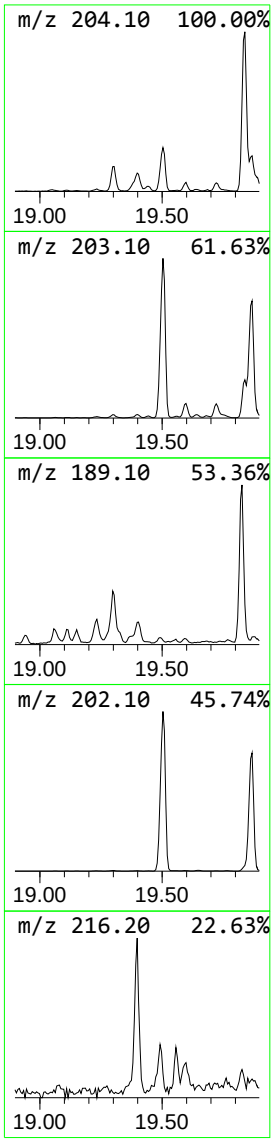
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	4.08 ng/ul	410776	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	41
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

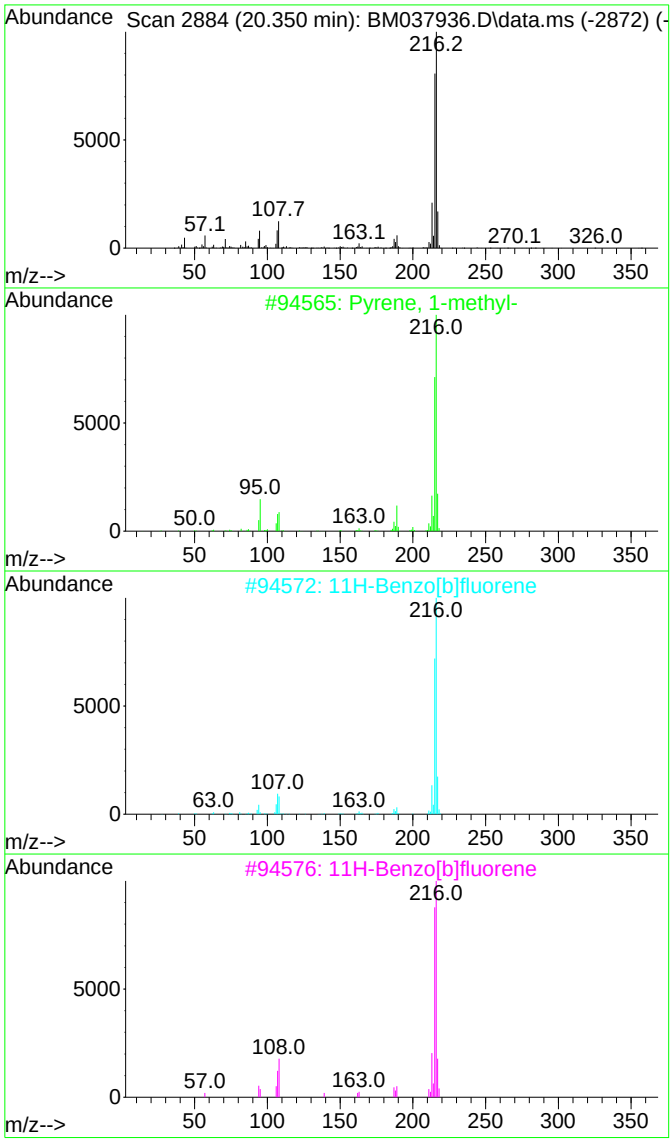
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

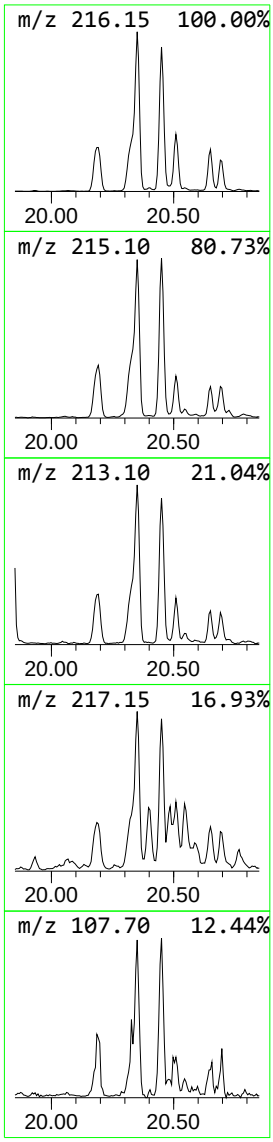
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.350	7.74 ng/ul	2544330	Chrysene-d12	21.621

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

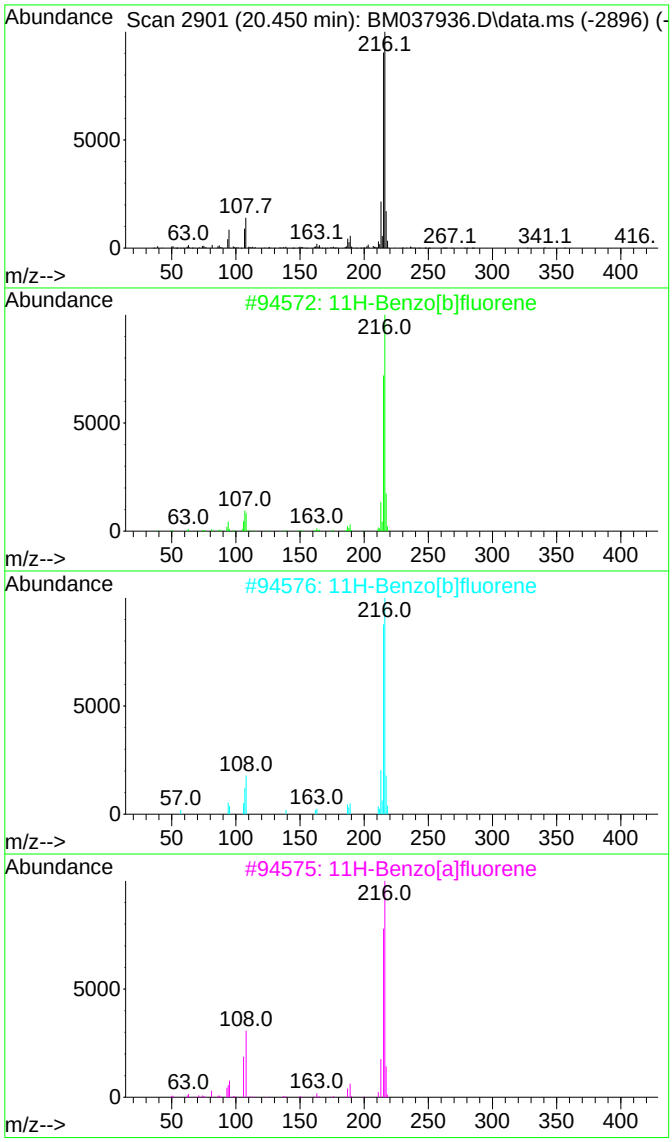
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

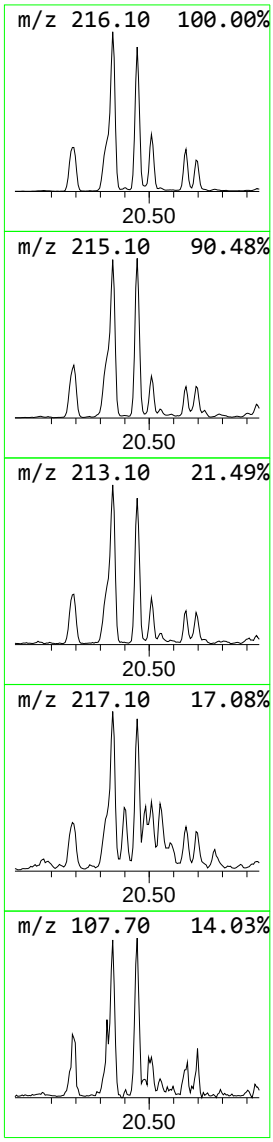
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.450	4.71 ng/ul	1549380	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

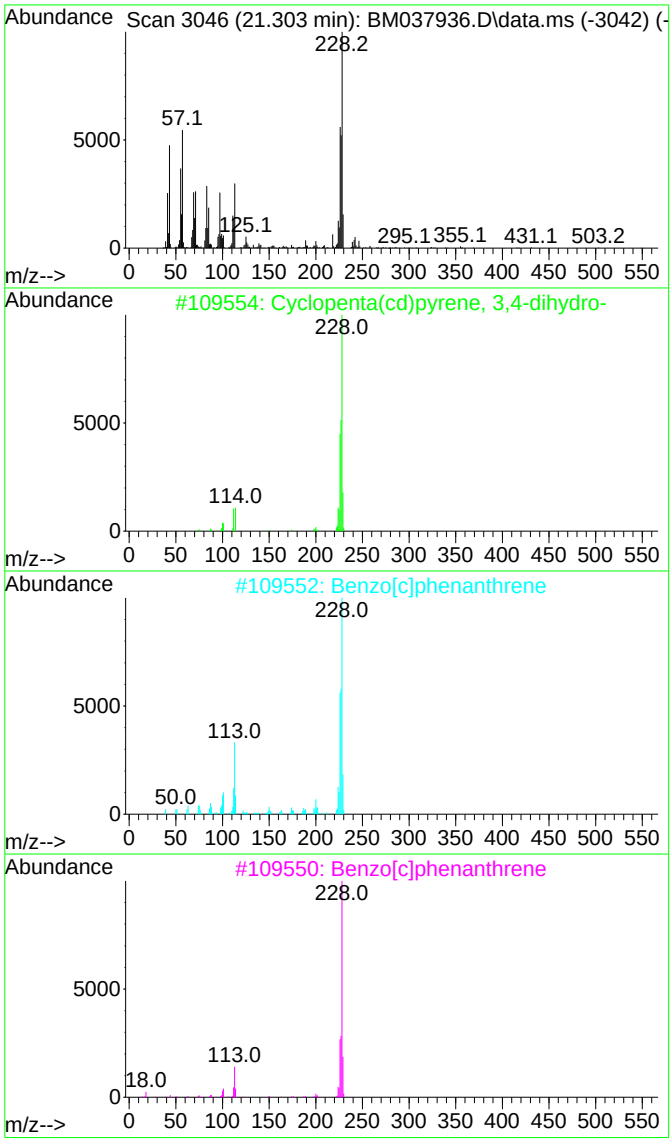
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

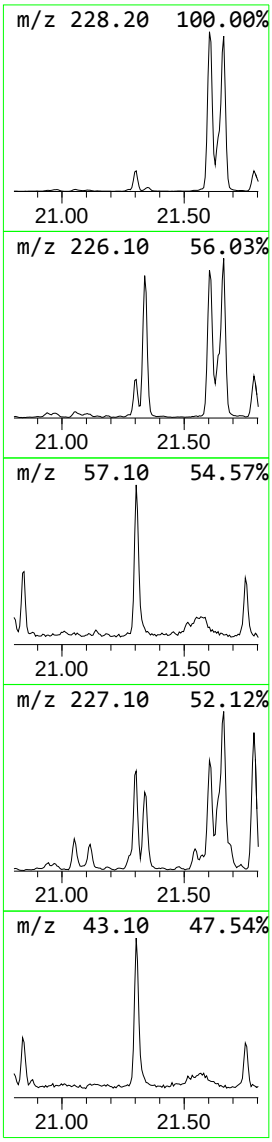
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.303	3.76 ng/ul	1235490	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	47
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

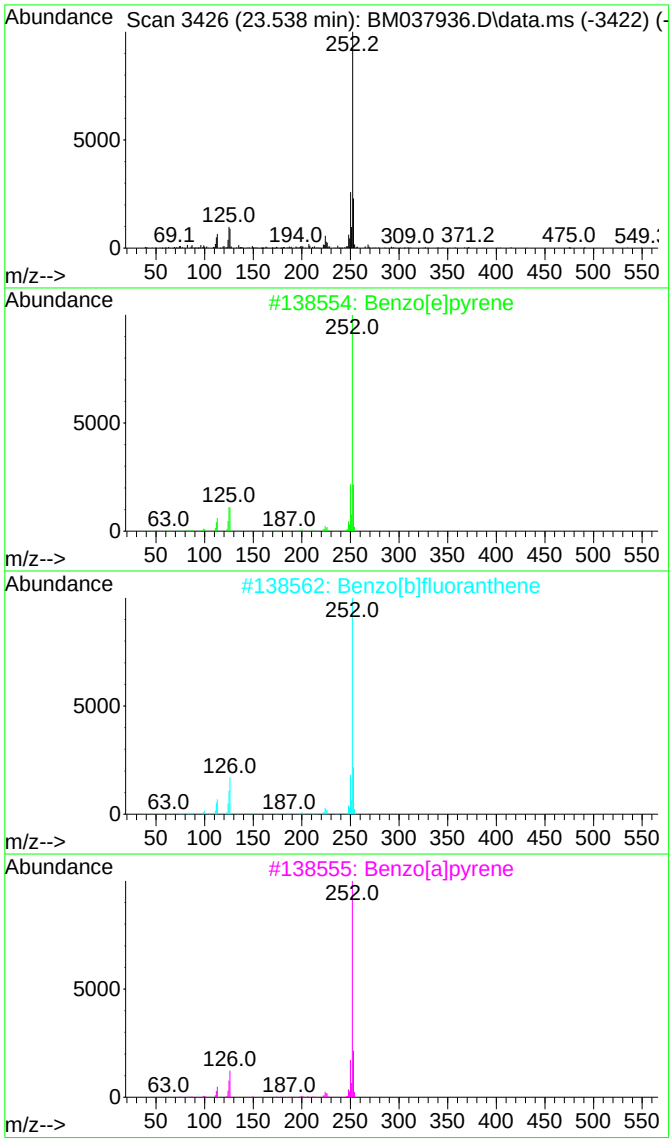
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

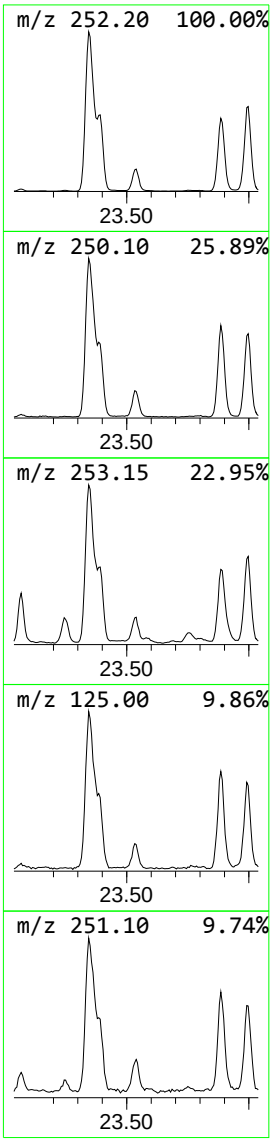
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzo[e]pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.538	4.03 ng/ul	446931	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

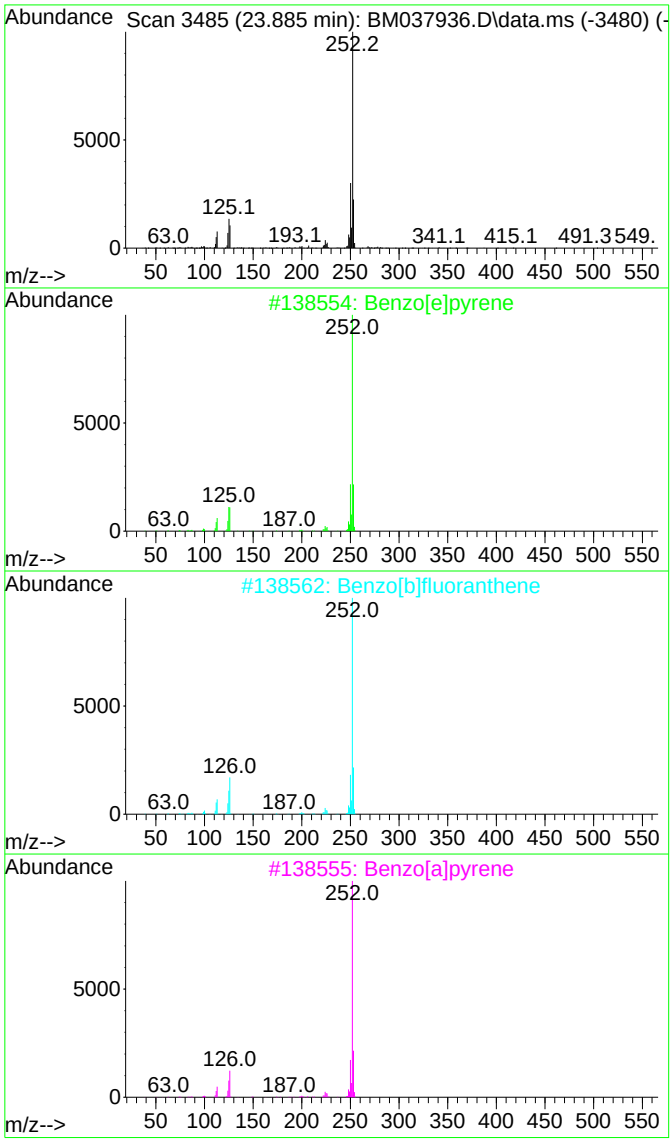
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

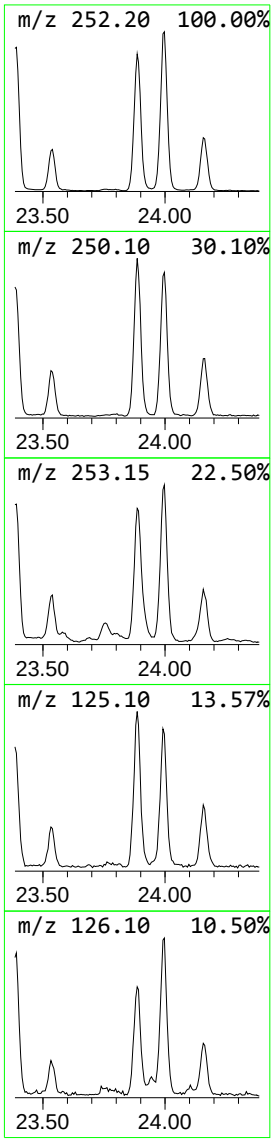
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	13.65 ng/ul	1514510	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037936.D
Acq On : 10 Dec 2022 16:04
Operator : CG/JU
Sample : N5896-12ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXN0ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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,...	13.886	2.8	ng/ul	257175	3	14.710	1814570	20.0
Naphthalene, 2,...	14.027	5.7	ng/ul	520809	3	14.710	1814570	20.0
Naphthalene, 1,...	14.263	3.2	ng/ul	291031	3	14.710	1814570	20.0
Benzene, [1-(2,...	15.015	2.8	ng/ul	252139	3	14.710	1814570	20.0
Dibenzo furan	15.104	28.0	ng/ul	2537650	3	14.710	1814570	20.0
(DEL) Alkane: S...	15.527	2.3	ng/ul	208463	3	14.710	1814570	20.0
Diphenylmethane	15.910	3.6	ng/ul	325319	3	14.710	1814570	20.0
Benzeneacetamid...	15.998	3.0	ng/ul	270822	3	14.710	1814570	20.0
[1,1'-Biphenyl]...	16.039	6.8	ng/ul	612072	3	14.710	1814570	20.0
2,4,6-Cycloheptt...	16.186	8.4	ng/ul	851436	4	17.451	2015950	20.0
2,4,2',4'-Tetra...	16.392	4.5	ng/ul	456556	4	17.451	2015950	20.0
1(2H)-Acenaphth...	16.421	3.6	ng/ul	358848	4	17.451	2015950	20.0
9H-Fluorene, 1-...	16.751	7.7	ng/ul	778221	4	17.451	2015950	20.0
Phenol, 3-(2-ph...	16.974	2.9	ng/ul	290504	4	17.451	2015950	20.0
Phenol, 4-(2-ph...	17.180	6.2	ng/ul	622149	4	17.451	2015950	20.0
Dibenzothiophene	17.268	9.8	ng/ul	988120	4	17.451	2015950	20.0
Acridine	17.639	3.4	ng/ul	340104	4	17.451	2015950	20.0
5H-Indeno[1,2-b...	17.851	22.5	ng/ul	2263960	4	17.451	2015950	20.0
(DEL) Alkane: S...	17.921	2.6	ng/ul	266539	4	17.451	2015950	20.0
Anthracene, 2-m...	18.321	10.4	ng/ul	1045670	4	17.451	2015950	20.0
Phenanthrene, 2...	18.368	12.6	ng/ul	1267840	4	17.451	2015950	20.0
Phenanthrene, 1...	18.451	6.2	ng/ul	627383	4	17.451	2015950	20.0
4H-Cyclopenta[d...	18.521	39.5	ng/ul	3984110	4	17.451	2015950	20.0
(DEL) Alkane: S...	18.615	3.2	ng/ul	324396	4	17.451	2015950	20.0
Naphthalene, 2-...	18.815	5.1	ng/ul	516845	4	17.451	2015950	20.0
9,10-Anthracene...	18.862	4.3	ng/ul	428160	4	17.451	2015950	20.0
3,4-Dimethylphe...	19.233	6.3	ng/ul	637008	4	17.451	2015950	20.0
Naphthalene, 1-...	19.398	4.1	ng/ul	410776	4	17.451	2015950	20.0
Pyrene, 1-methyl-	20.350	7.7	ng/ul	2544330	5	21.621	6572550	20.0
11H-Benzo[b]flu...	20.450	4.7	ng/ul	1549380	5	21.621	6572550	20.0
Cyclopenta(cd)p...	21.303	3.8	ng/ul	1235490	5	21.621	6572550	20.0
Benzo[e]pyrene	23.538	4.0	ng/ul	446931	6	24.103	2218490	20.0
Benzo[j]fluoran...	23.886	13.7	ng/ul	1514510	6	24.103	2218490	20.0