LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

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_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.529	4	7	15	rVB2	7224	12833	1.12%	0.078%
2	3.964	77	81	96	rBV	64833	121413	10.57%	0.738%
3	4.075	96	100	106	rVB2	9238	14425	1.26%	0.088%
4	4.193	116	120	125	rVB3	5398	8689	0.76%	0.053%
5	7.354	651	658	669	rBV	141314	260827	22.70%	1.586%
6	7.506	677	684	691	rVV	108502	188264	16.39%	1.145%
7	7.724	714	721	729	rBV	138065	244404	21.27%	1.486%
8	8.194	794	801	808	rVV	112834	194398	16.92%	1.182%
9	8.905	915	922	934	rBV	152946	282081	24.55%	1.715%
10	9.369	992	1001	1014	rBV	144787	264779	23.05%	1.610%
11	10.098	1117	1125	1136	rVB	121041	226224	19.69%	1.375%
12	10.644	1211	1218	1231	rBV	165601	316696	27.56%	1.925%
13	10.761	1233	1238	1249	rVV2	24919	50103	4.36%	0.305%
14	11.020	1273	1282	1288	rVV	160665	292844	25.49%	1.780%
15	11.073	1288	1291	1297	rVB2	5206	7919	0.69%	0.048%
16	11.161	1297	1306	1317	rBV	93473	195054	16.98%	1.186%
17	12.389	1507	1515	1519	rBV5	4941	8491	0.74%	0.052%
18	13.611	1716	1723	1728	rVB3	7024	11126	0.97%	0.068%
19	14.216	1819	1826	1832	rVV	336128	493931	42.99%	3.003%
20	14.522	1871	1878	1892	rVB	378195	608144	52.93%	3.697%
21	14.675	1900	1904	1912	rVB2	8974	13961	1.22%	0.085%
22	14.827	1921	1930	1936	rVV	253056	402058	34.99%	2.444%
23	14.886	1936	1940	1945	rVB	17475	27195	2.37%	0.165%
24	15.051	1959	1968	1986	rVV	96401	210713	18.34%	1.281%
25	15.192	1986	1992	1994	rVV6	6265	12758	1.11%	0.078%
26	15.233	1994	1999	2004	rVV3	18088	36092	3.14%	0.219%
27	15.291	2004	2009	2017	rVB6	5737	10259	0.89%	0.062%
28	15.626	2062	2066	2072	rVB2	10324	16413	1.43%	0.100%
29	15.814	2090	2098	2104	rBV2	477954	749946	65.27%	4.559%
30	15.867	2104	2107	2113	rVV	23335	36227	3.15%	0.220%
31	15.949	2115	2121	2127	rBV	107215	172163	14.98%	1.047%
32	16.026	2130	2134	2142	rVV3	11197	19881	1.73%	0.121%
33	16.161	2153	2157	2163	rVB5	6699	12710	1.11%	0.077%
34	16.308	2178	2182	2190	rBV2	7291	14744	1.28%	0.090%
35	16.508	2207	2216	2221	rBV2	19760	43162	3.76%	0.262%
36	16.872	2267	2278	2283	rBV6	8697	22733	1.98%	0.138%

LSC Area Percent Report

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Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

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_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

37	17.089	2308	2315	2320	rBV8	7205	14808	1.29%	0.090%
38	17.230	2334	2339	2343	rVV2	9566	15862	1.38%	0.096%
39	17.283	2343	2348	2351	rVV3	14450	23085	2.01%	0.140%
40	17.330	2352	2356	2360	rVV4	12282	21345	1.86%	0.130%
41	17.389	2364	2366	2372	rVV	11897	17193	1.50%	0.105%
42	17.571	2391	2397	2401	rBV	302531	484496	42.17%	2.946%
43	17.618	2401	2405	2409	rVB	248417	358366	31.19%	2.179%
44	17.671	2409	2414	2420	rBV	480576	774285	67.39%	4.707%
45	17.759	2425	2429	2435	rVB6	14459	26772	2.33%	0.163%
46	17.982	2459	2467	2471	rBV2	20080	42778	3.72%	0.260%
47	18.018	2471	2473	2481	rVB4	12757	15916	1.39%	0.097%
48	18.082	2481	2484	2488	rBV	7427	10647	0.93%	0.065%
49	18.165	2492	2498	2501	rBV8	6780	13097	1.14%	0.080%
50	18.200	2501	2504	2509	rVB5	11276	14850	1.29%	0.090%
51	18.447	2537	2546	2550	rBV	40040	68072	5.92%	0.414%
52	18.494	2550	2554	2560	rVB2	55838	84765	7.38%	0.515%
53	18.576	2562	2568	2572	rVB2	22580	32288	2.81%	0.196%
54	18.646	2573	2580	2584	rBV3	62555	131097	11.41%	0.797%
55	18.787	2600	2604	2607	rBV6	5184	8975	0.78%	0.055%
56	18.840	2609	2613	2615	rBV5	7110	9741	0.85%	0.059%
57	18.934	2625	2629	2635	rBV	29806	43445	3.78%	0.264%
58	18.993	2635	2639	2648	rVB2	25435	44485	3.87%	0.270%
59	19.175	2665	2670	2675	rVB6	11070	20926	1.82%	0.127%
60	19.228	2676	2679	2683	rBV2	9290	12101	1.05%	0.074%
61	19.275	2683	2687	2694	rVB8	11240	17700	1.54%	0.108%
62	19.351	2694	2700	2705	rBV2	24216	56159	4.89%	0.341%
63	19.504	2720	2726	2736	rBV5	23182	52148	4.54%	0.317%
64	19.622	2736	2746	2751	rBV	466108	718110	62.50%	4.366%
65	19.669	2751	2754	2759	rVV6	16712	24350	2.12%	0.148%
66	19.716	2759	2762	2765	rVB4	8731	10345	0.90%	0.063%
67	19.810	2774	2778	2782	rBV7	10724	18838	1.64%	0.115%
68	19.904	2791	2794	2797	rVB	20144	17906	1.56%	0.109%
69	19.957	2797	2803	2806	rVV	649421	1148924	100.00%	6.985%
70	19.980	2806	2807	2815	rVV	385042	407384	35.46%	2.477%
71	20.045	2815	2818	2826	rVB2	22891	45477	3.96%	0.276%
72	20.156	2833	2837	2843	rBV3	34102	57077	4.97%	0.347%
73	20.309	2856	2863	2867	rBV4	44106	84470	7.35%	0.514%
74	20.356	2869	2871	2873	rBV3	9785	8974	0.78%	0.055%
75	20.432	2879	2884	2887	rBV2	87449	125811	10.95%	0.765%
76	20.468	2887	2890	2894	rVB2	79458	103182	8.98%	0.627%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

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_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

77	20.568	2903	2907	2911	rBV2	89034	127335	11.08%	0.774%
78	20.626	2914	2917	2920	rVB	29910	42191	3.67%	0.257%
79	20.703	2927	2930	2935	rBV5	21382	34628	3.01%	0.211%
80	20.767	2938	2941	2945	rVV	27734	38922	3.39%	0.237%
81	20.814	2946	2949	2957	rVB3	24633	44740	3.89%	0.272%
82	20.932	2966	2969	2975	rVB	105685	121617	10.59%	0.739%
83	21.249	3020	3023	3030	rVB2	28133	49960	4.35%	0.304%
84	21.455	3052	3058	3067	rVV3	137475	273950	23.84%	1.666%
85	21.531	3068	3071	3077	rVB2	32064	52537	4.57%	0.319%
86	21.872	3120	3129	3134	rBV2	322599	825788	71.87%	5.020%
87	21.925	3134	3138	3148	rVB	160955	276364	24.05%	1.680%
88	22.019	3149	3154	3159	rVB	140492	198684	17.29%	1.208%
89	22.083	3161	3165	3170	rBV2	29642	49161	4.28%	0.299%
90	22.648	3255	3261	3267	rVB2	148853	267421	23.28%	1.626%
91	23.370	3378	3384	3391	rVB	121180	229884	20.01%	1.398%
92	24.210	3515	3527	3542	rBV2	193310	770232	67.04%	4.683%
93	24.463	3563	3570	3577	rBV2	26899	78537	6.84%	0.477%
94	24.957	3648	3654	3659	rBV2	52659	134622	11.72%	0.818%
95	25.045	3660	3669	3676	rVV	273862	792175	68.95%	4.816%
96	25.115	3676	3681	3689	rVB2	103210	259978	22.63%	1.581%
97	25.209	3690	3697	3701	rBV2	68549	170509	14.84%	1.037%
98	25.274	3702	3708	3717	rVB3	136905	359622	31.30%	2.186%
99	26.396	3891	3899	3912	rVB2	78897	252937	22.02%	1.538%
100	29.187	4364	4374	4389	rVB4	41867	206680	17.99%	1.257%

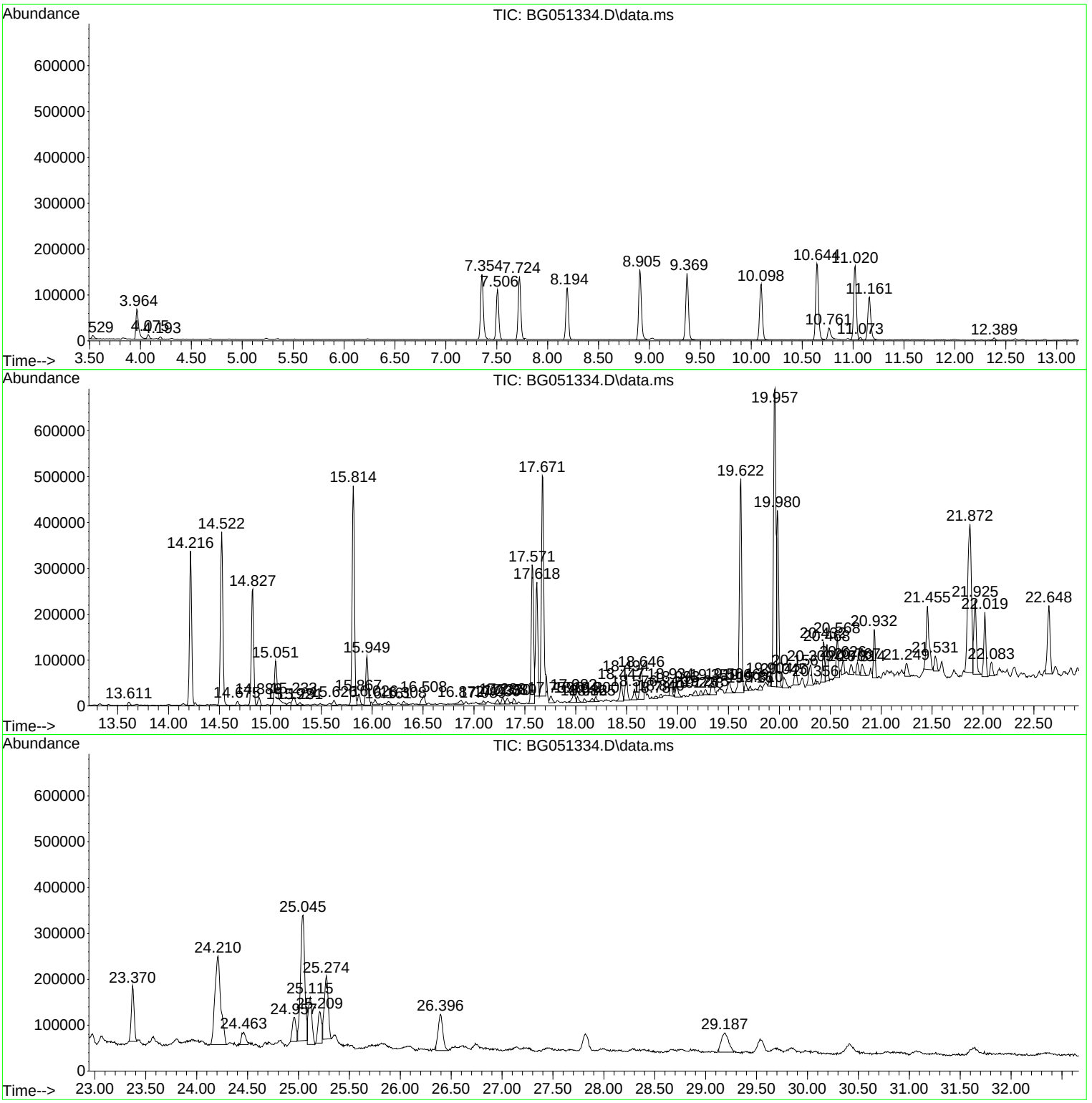
Sum of corrected areas: 16448384

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

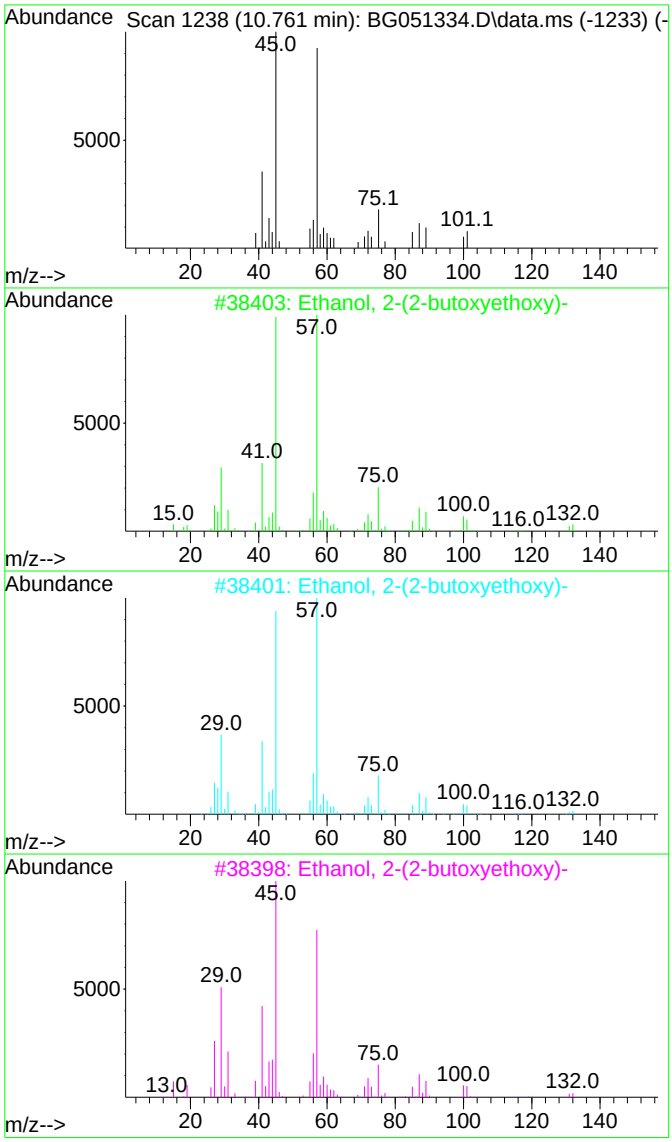
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

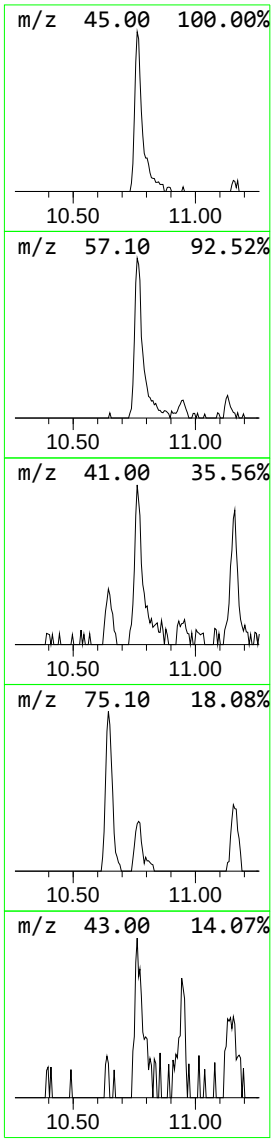
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.762	3.42 ng/ul	50103	Naphthalene-d8	11.020

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

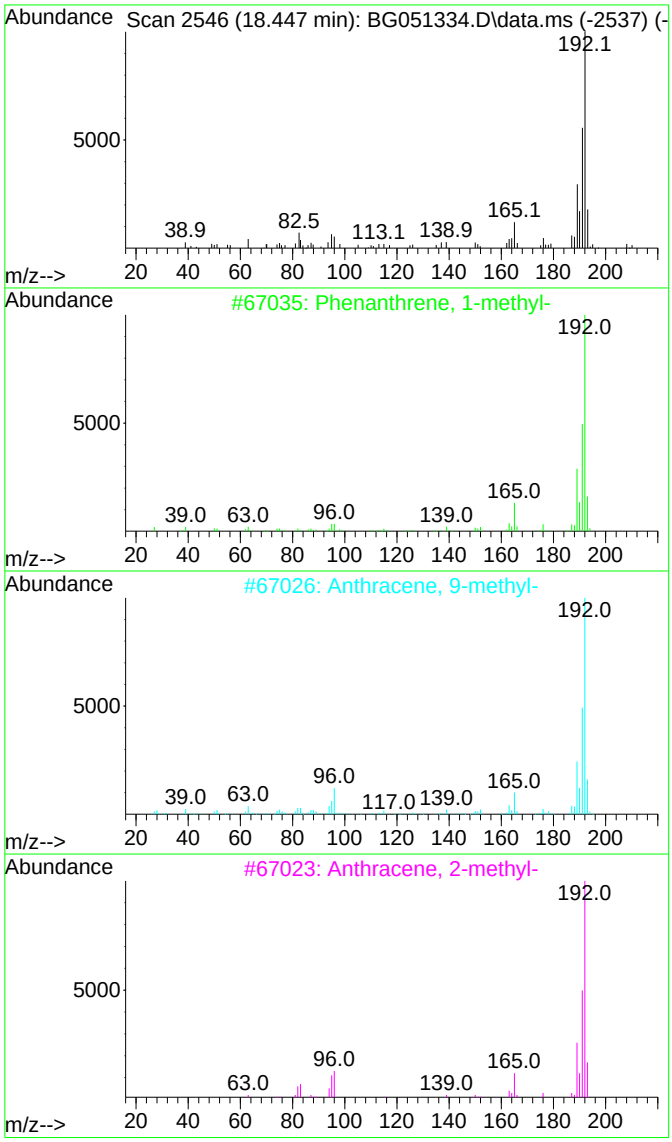
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

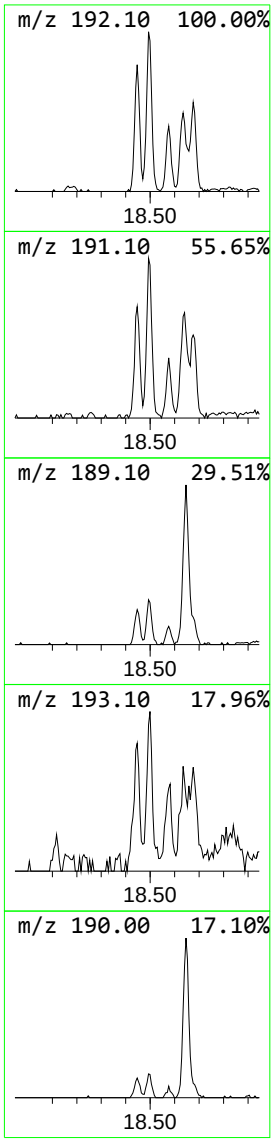
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	2.81 ng/ul	68072	Phenanthrene-d10	17.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

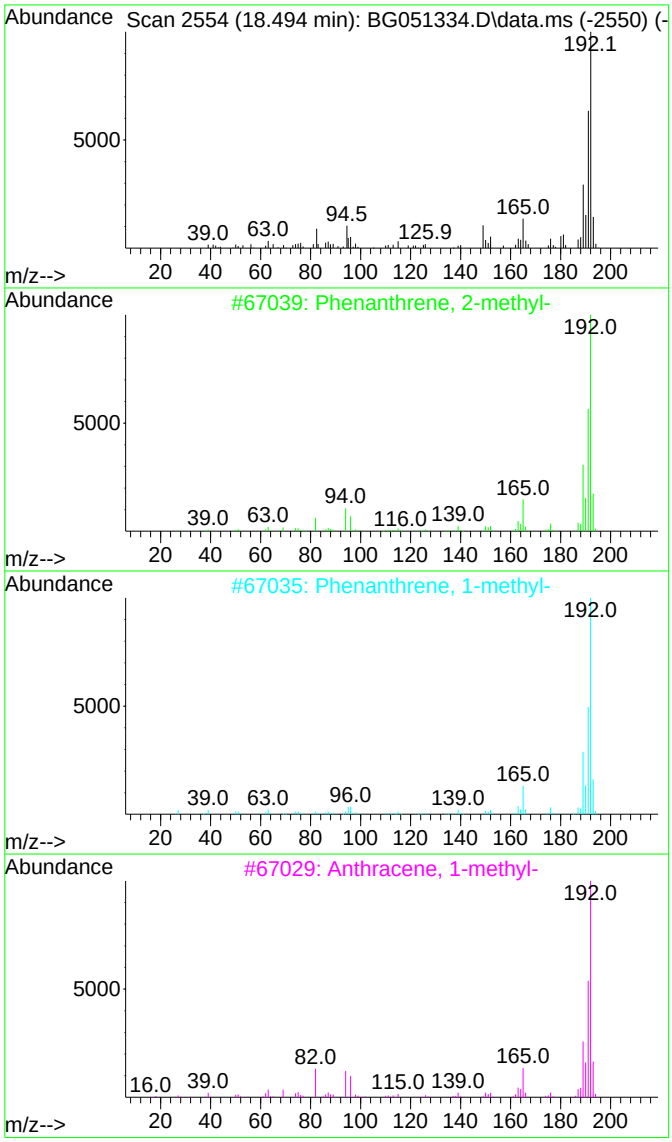
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

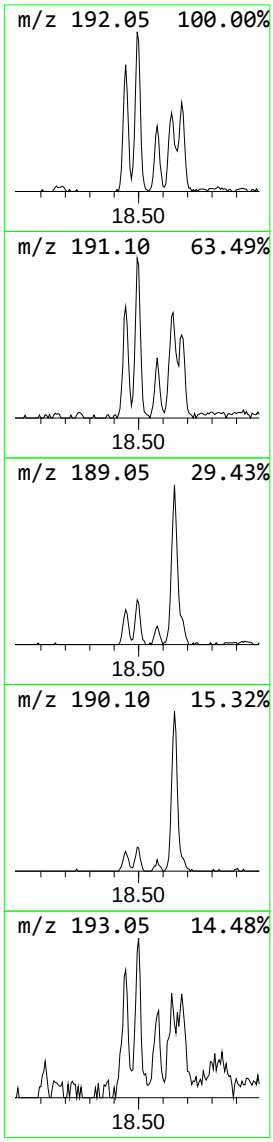
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	3.50 ng/ul	84765	Phenanthrene-d10	17.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

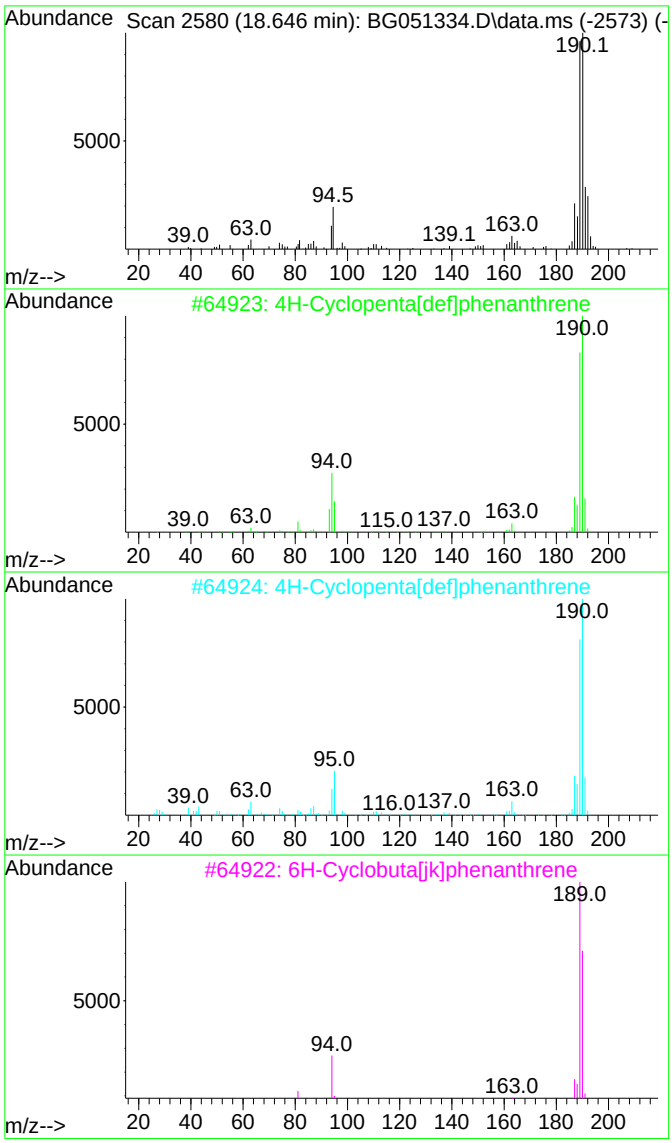
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

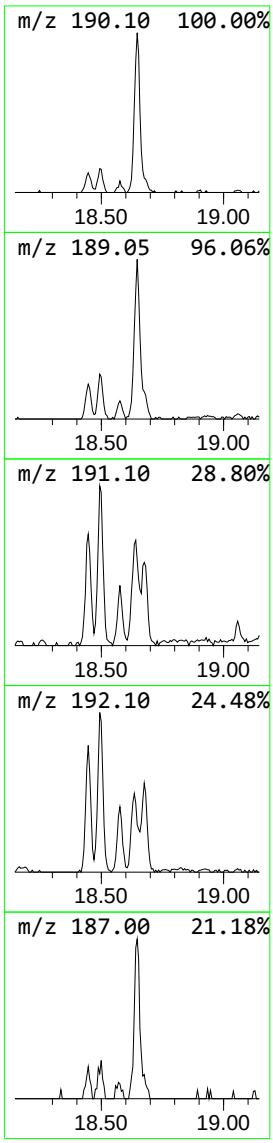
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.646	5.41 ng/ul	131097	Phenanthrene-d10	17.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

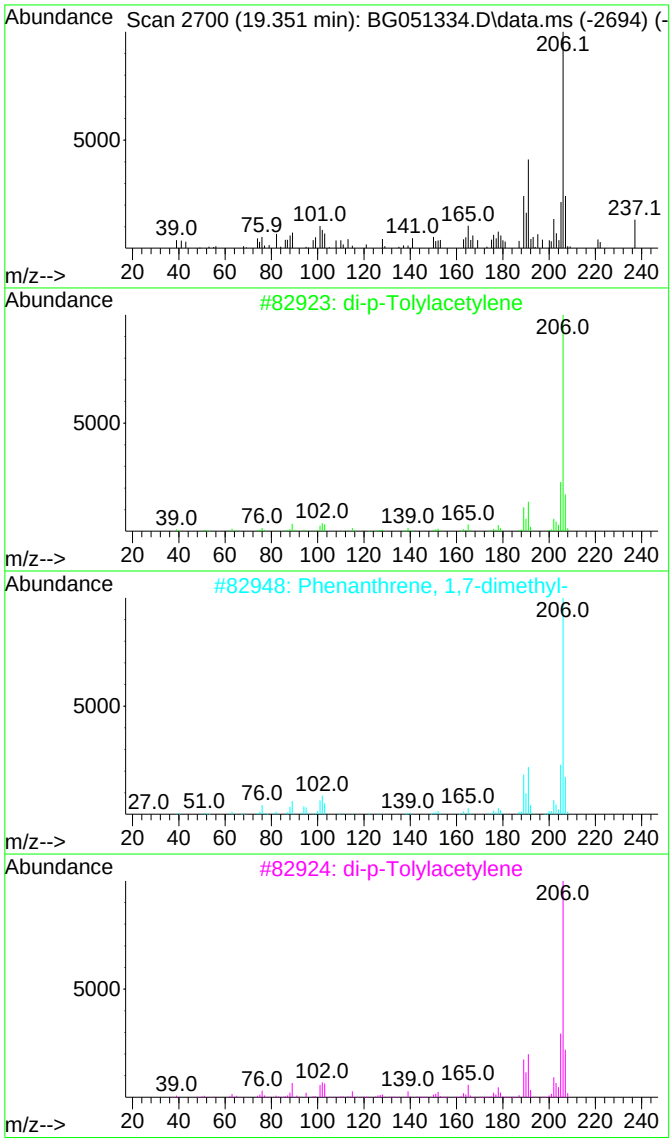
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

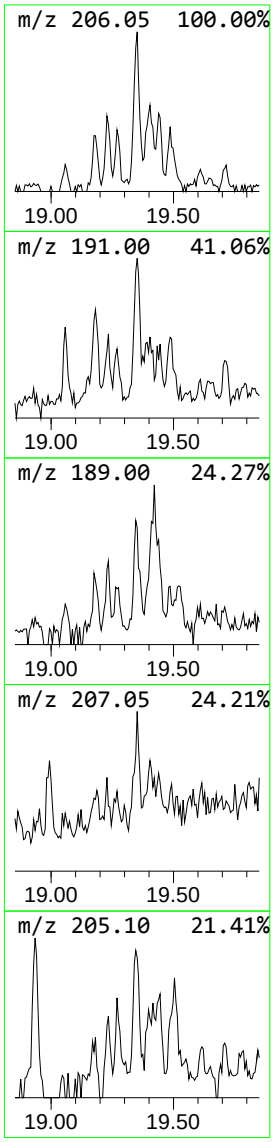
****

Peak Number 5 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	2.32 ng/ul	56159	Phenanthrene-d10	17.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

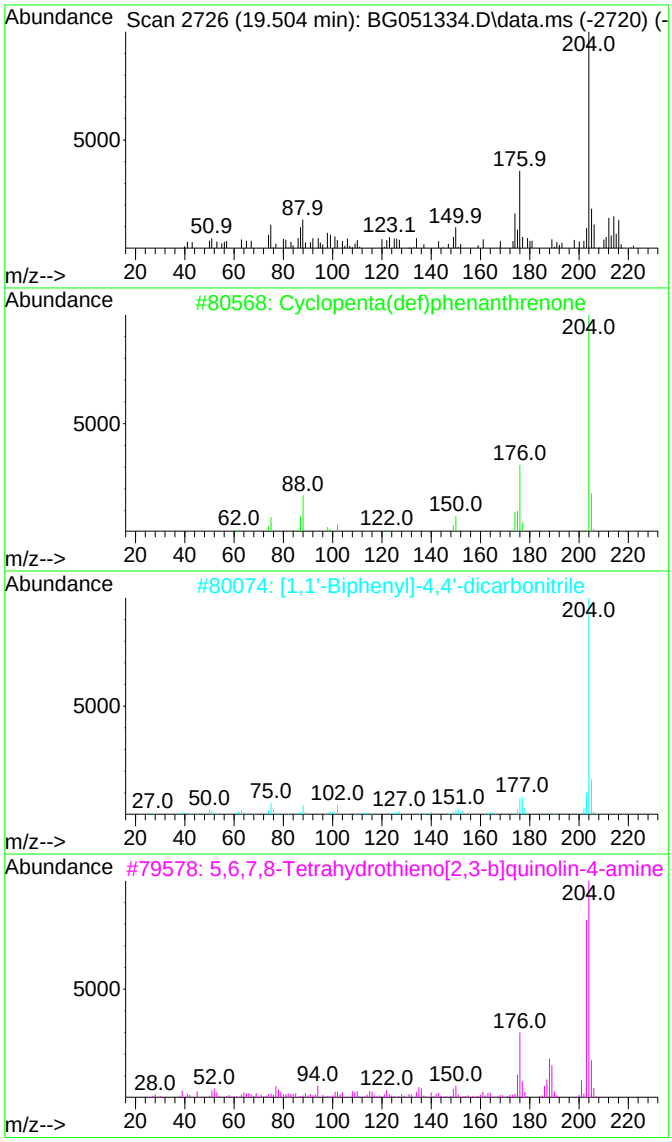
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

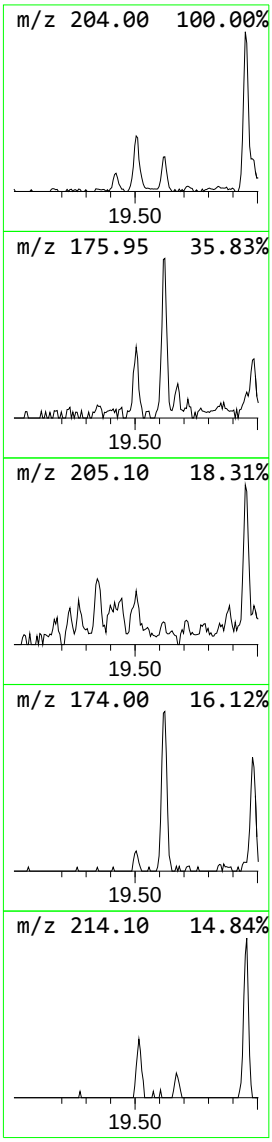
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.504	2.15 ng/ul	52148	Phenanthrene-d10	17.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	Hydantoin, 5-benzylidene-2-thio-	204	C10H8N2OS	000583-46-0	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





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Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

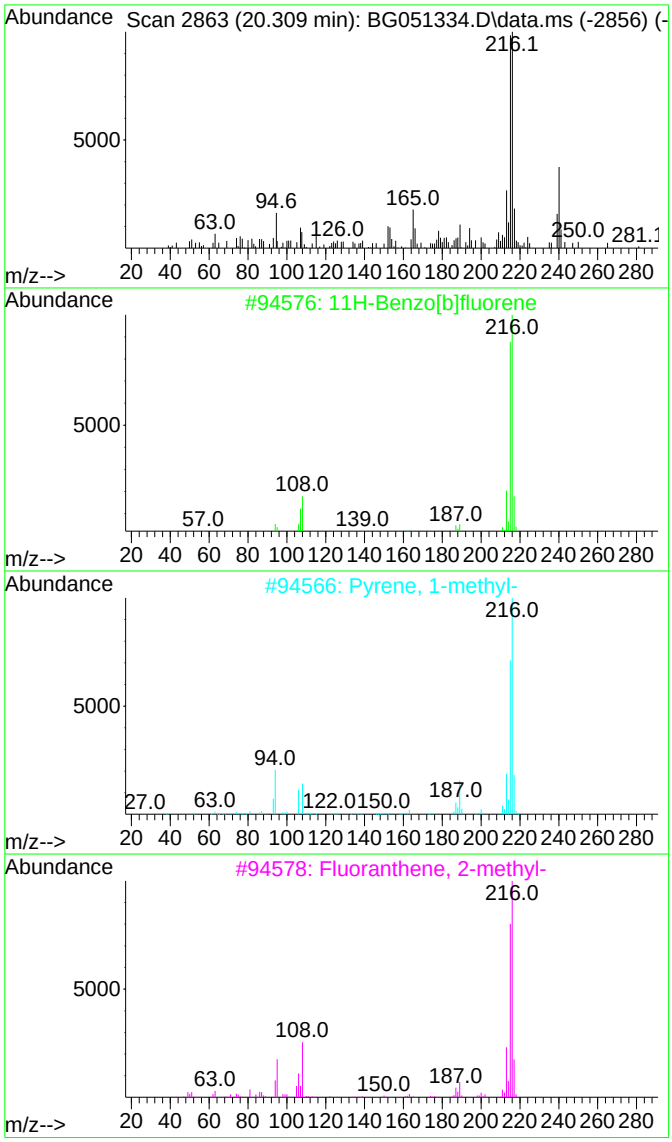
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

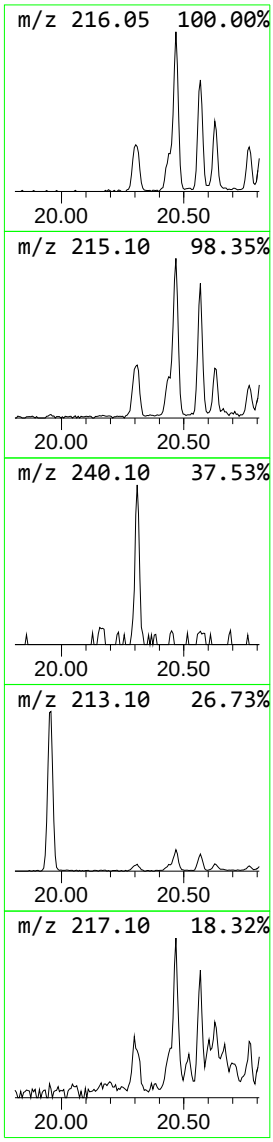
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.309	2.05 ng/ul	84470	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62





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Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

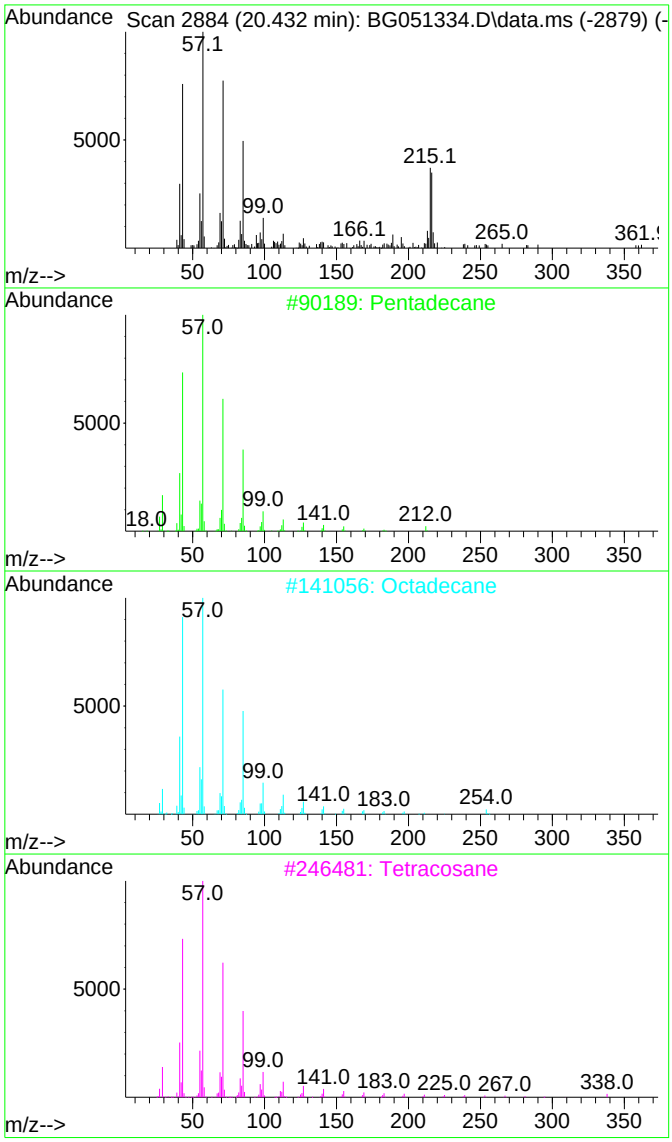
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

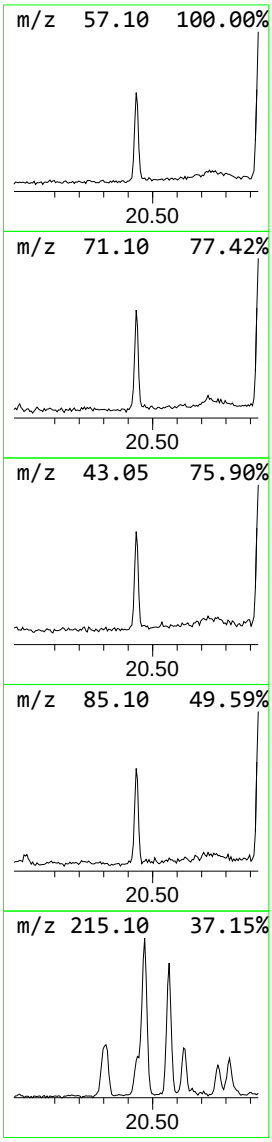
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.433	3.05 ng/ul	125811	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	92
2	Octadecane	254	C18H38	000593-45-3	86
3	Tetracosane	338	C24H50	000646-31-1	68
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	64





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Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

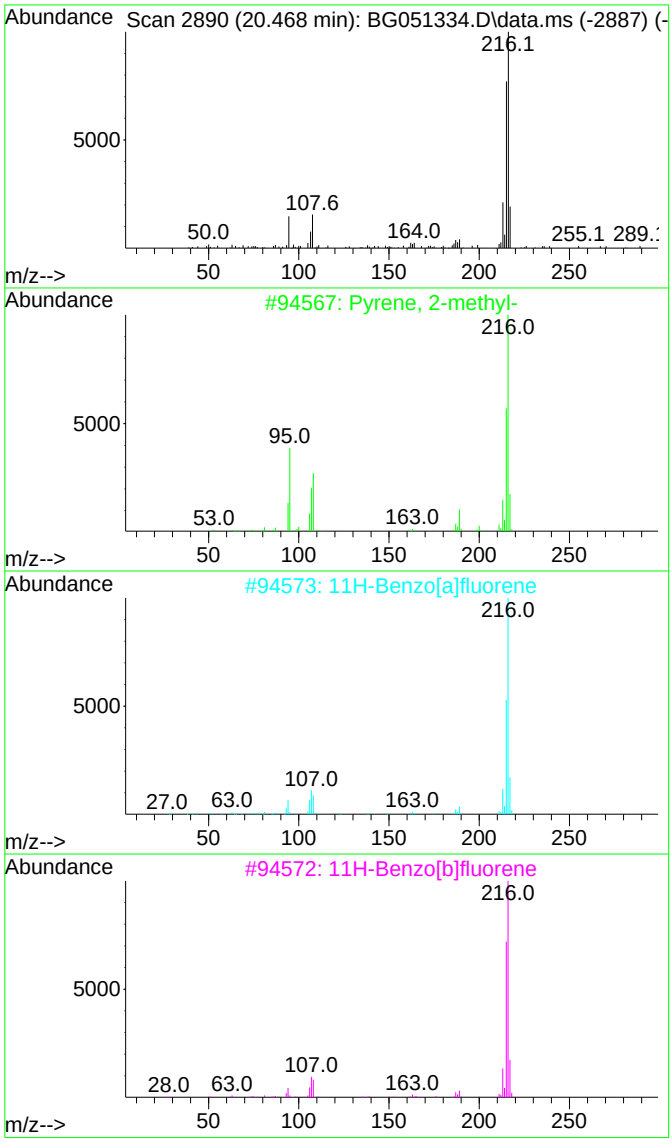
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

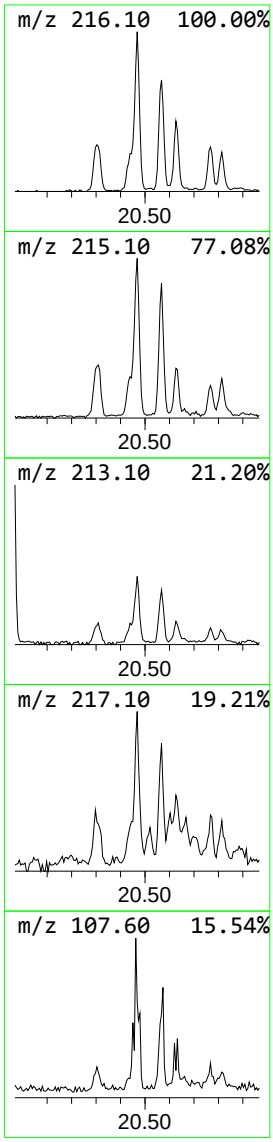
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.468	2.50 ng/ul	103182	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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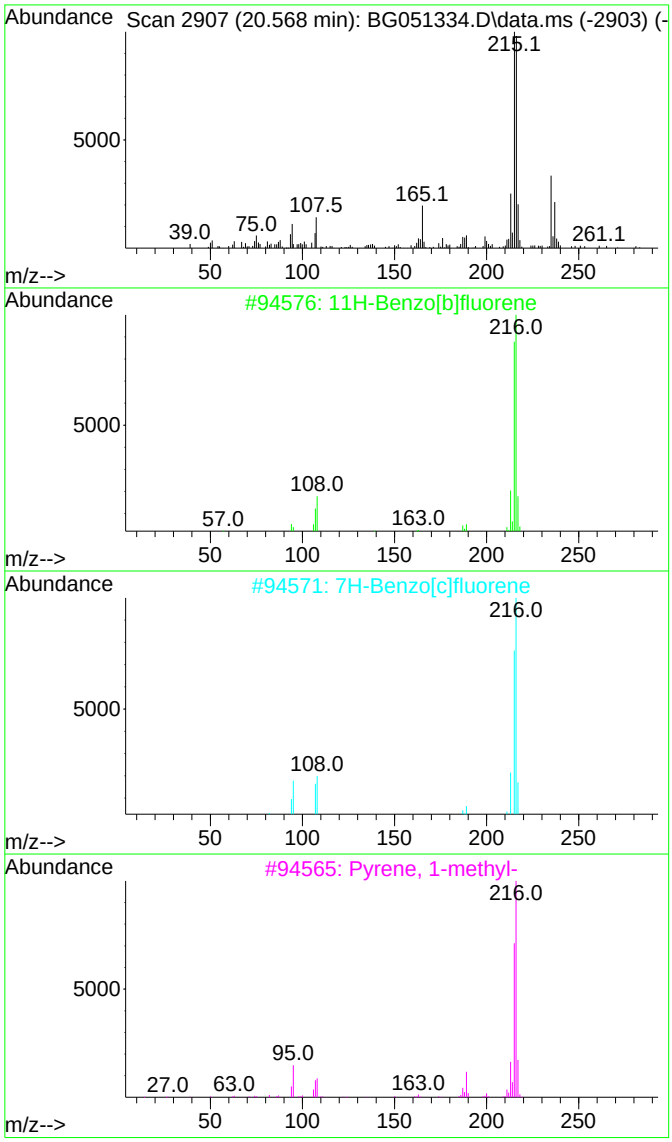
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

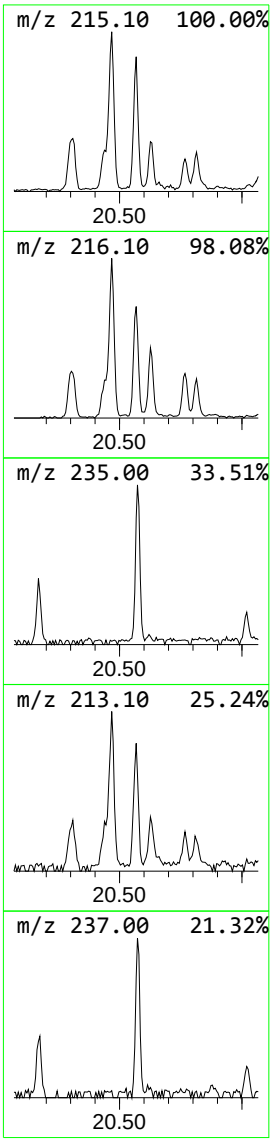
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7H-Benzo[c]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.568	3.08 ng/ul	127335	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52





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Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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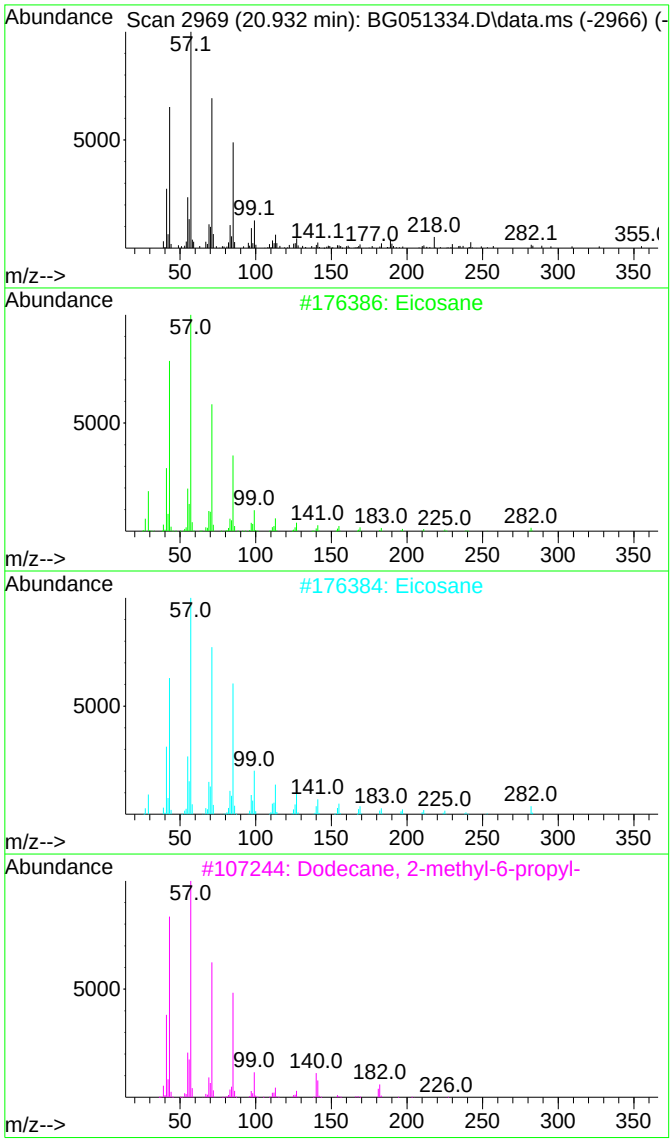
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

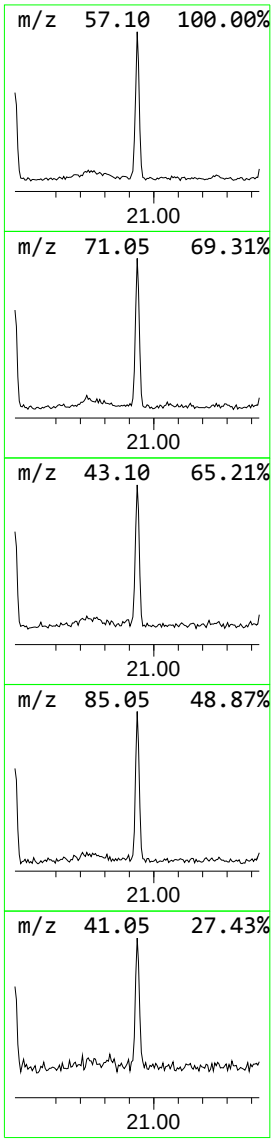
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.932	2.95 ng/ul	121617	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Eicosane	282	C20H42	000112-95-8	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	80





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Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

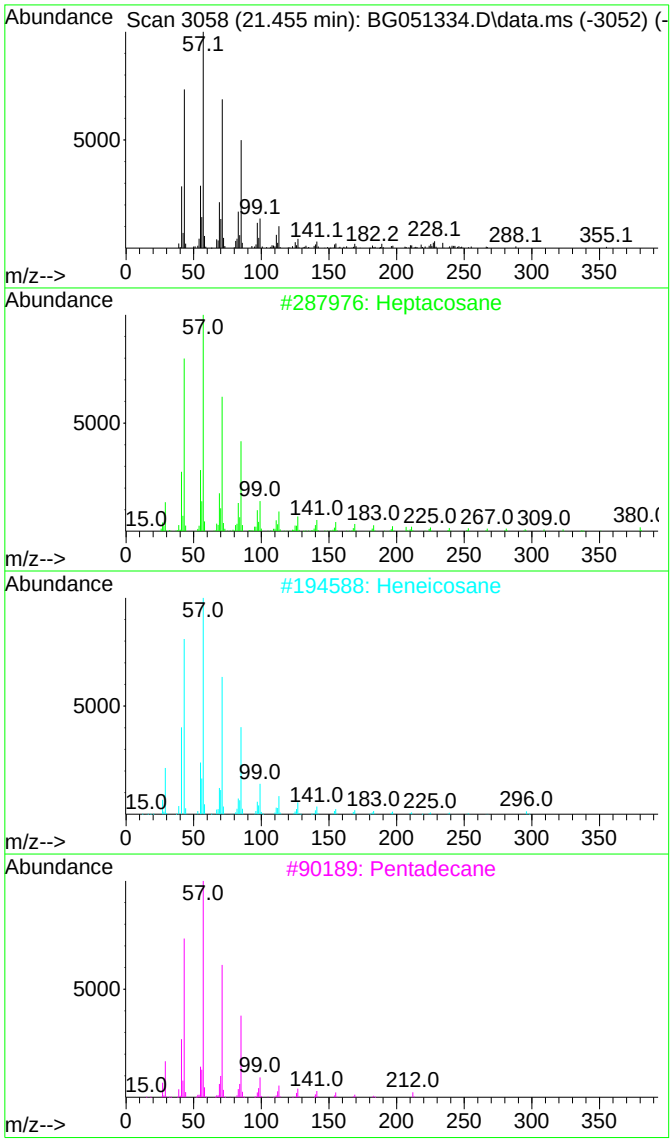
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

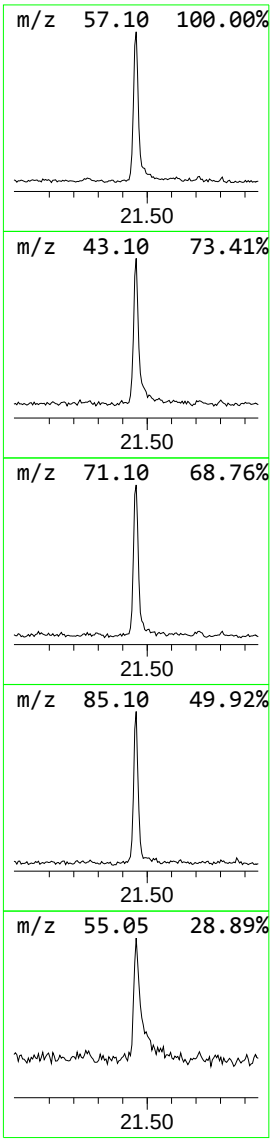
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.455	6.63 ng/ul	273950	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Heneicosane	296	C21H44	000629-94-7	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Octacosane	394	C28H58	000630-02-4	81
5	Tetratetracontane	619	C44H90	007098-22-8	74





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Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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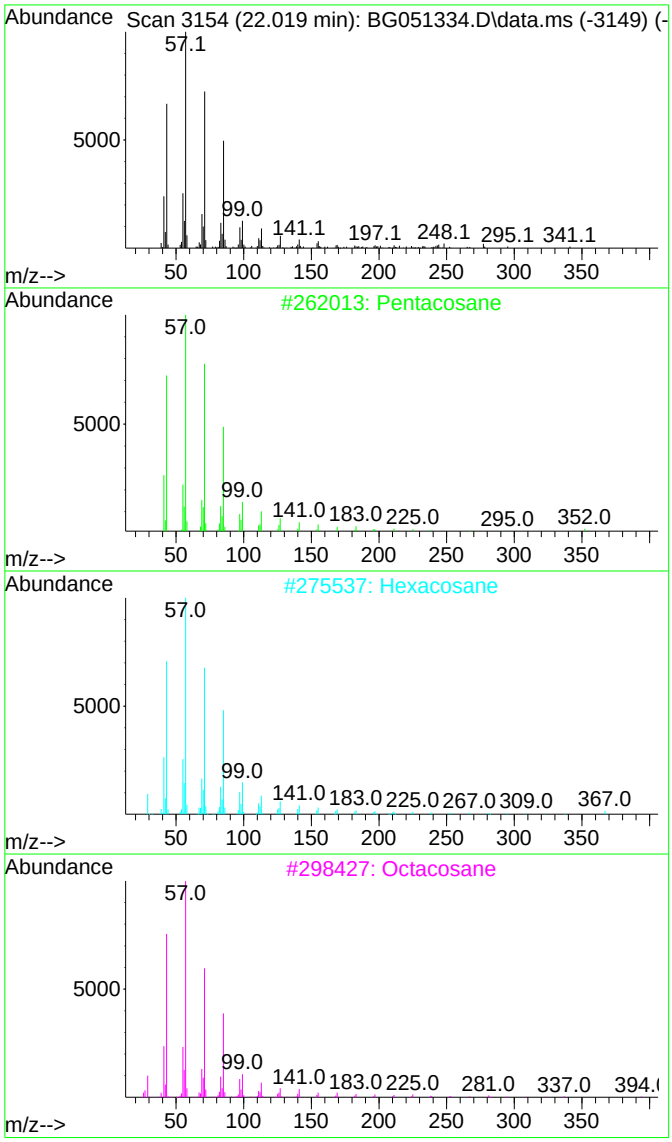
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

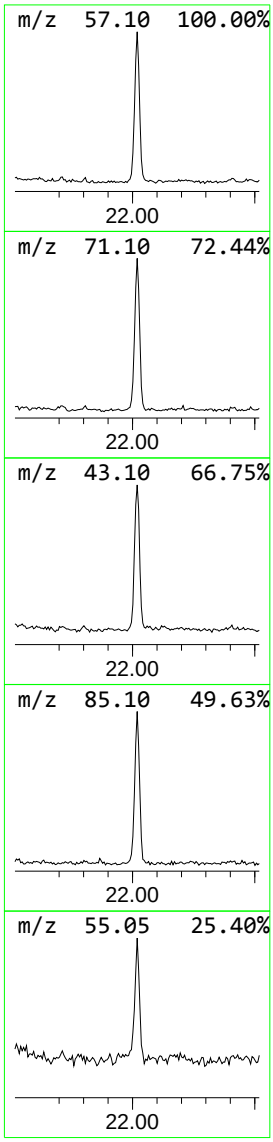
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.019	4.81 ng/ul	198684	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

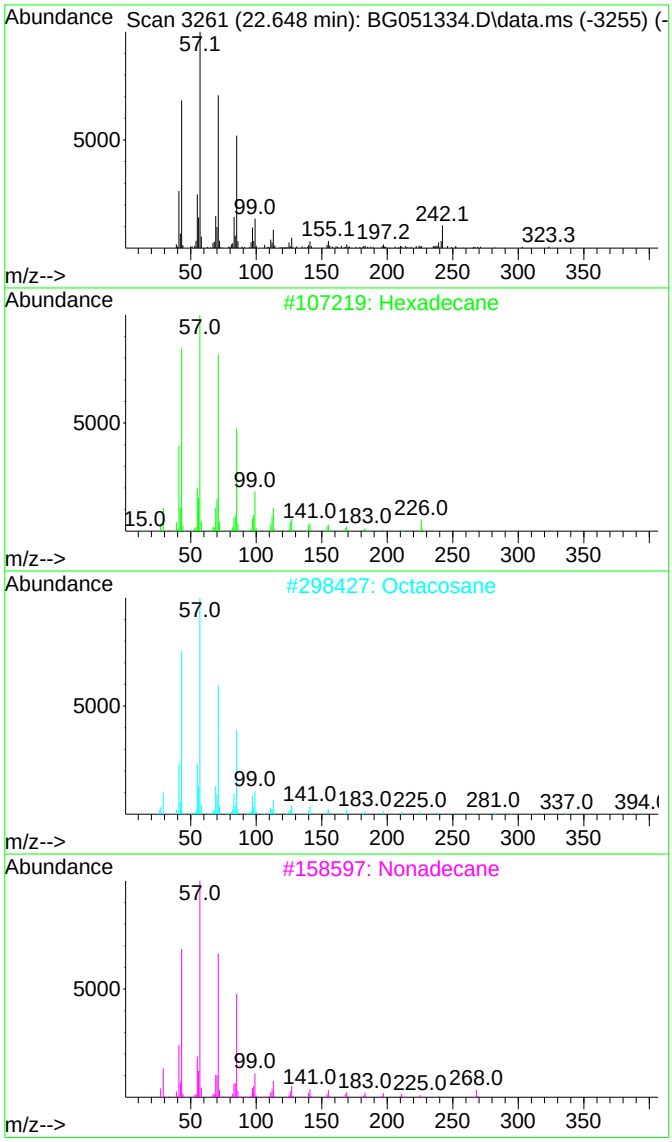
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

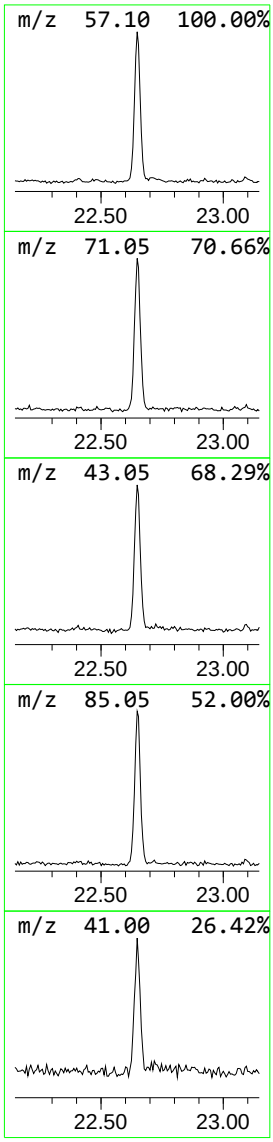
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.648	6.48 ng/ul	267421	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octacosane	394	C28H58	000630-02-4	83
3	Nonadecane	268	C19H40	000629-92-5	72
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





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Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

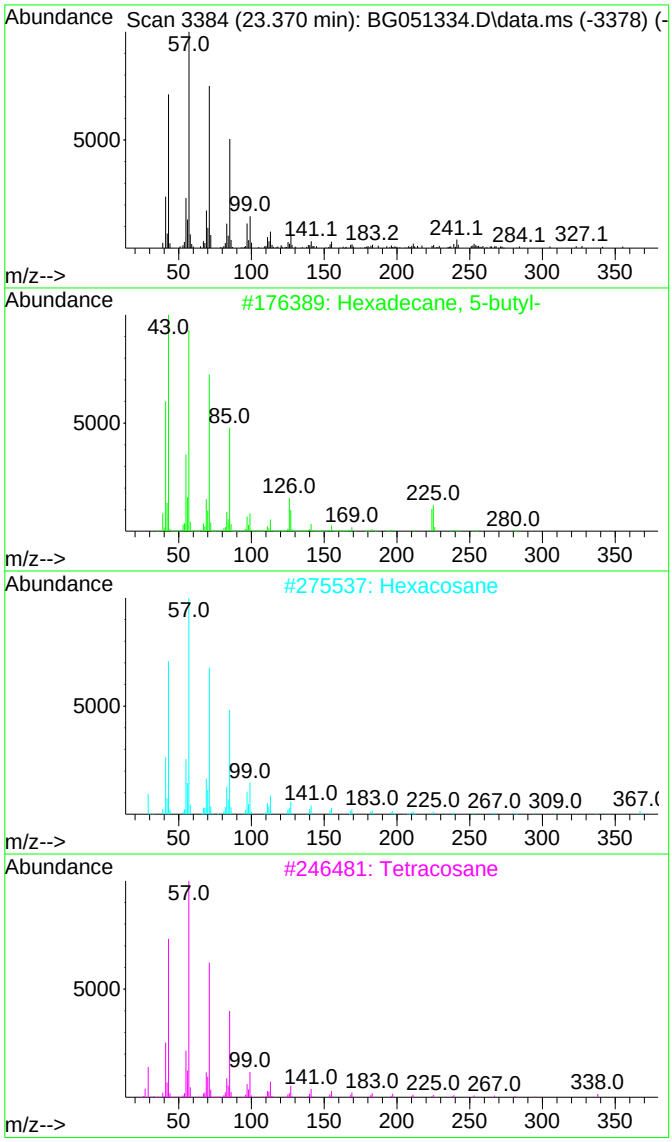
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

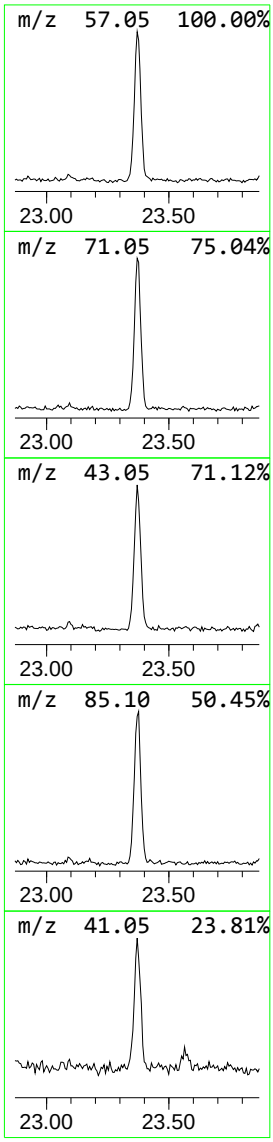
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.370	5.57 ng/ul	229884	Chrysene-d12	21.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
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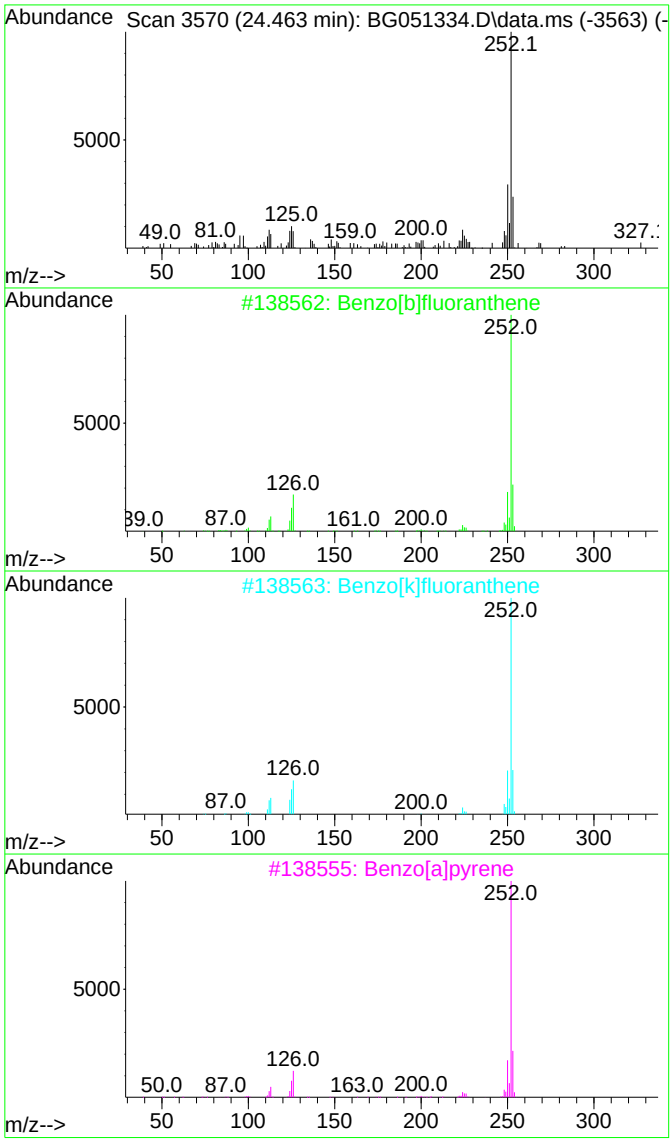
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

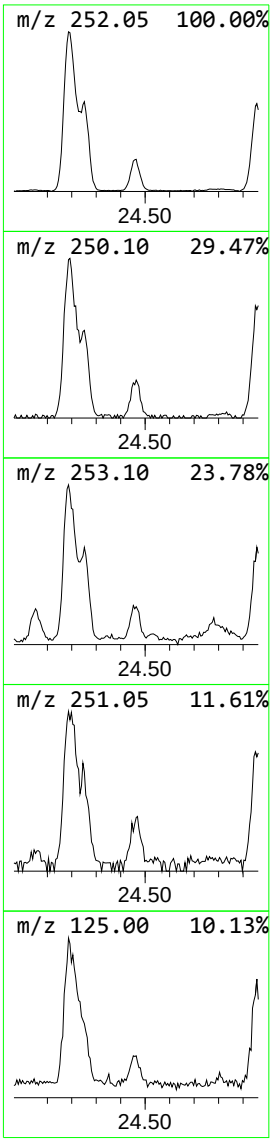
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.463	4.37 ng/ul	78537	Perylene-d12	25.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	80
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





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Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

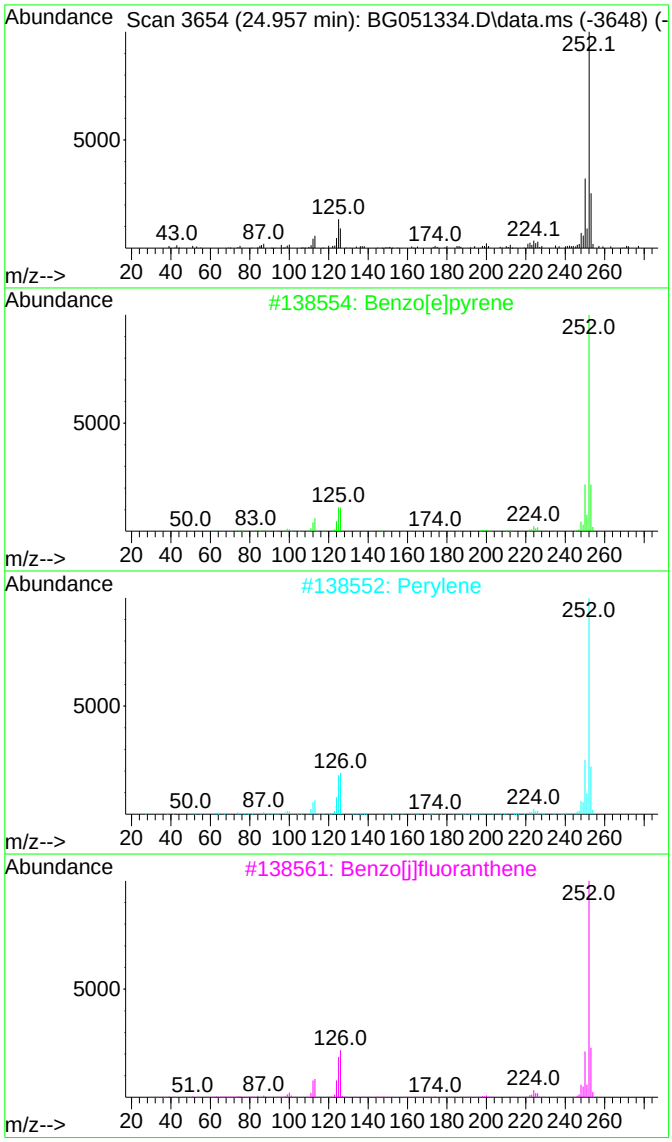
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

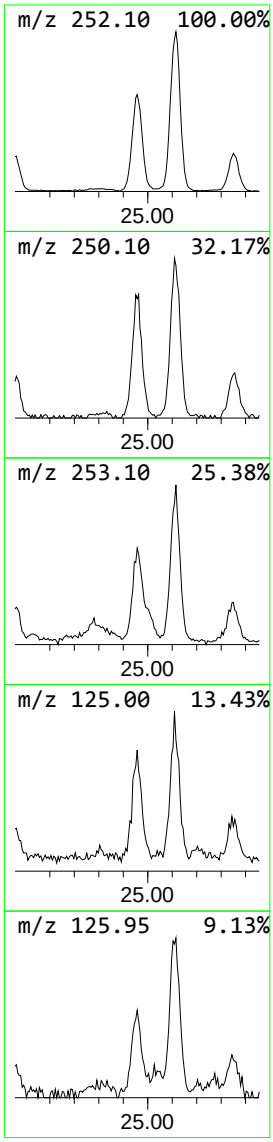
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.957	7.49 ng/ul	134622	Perylene-d12	25.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

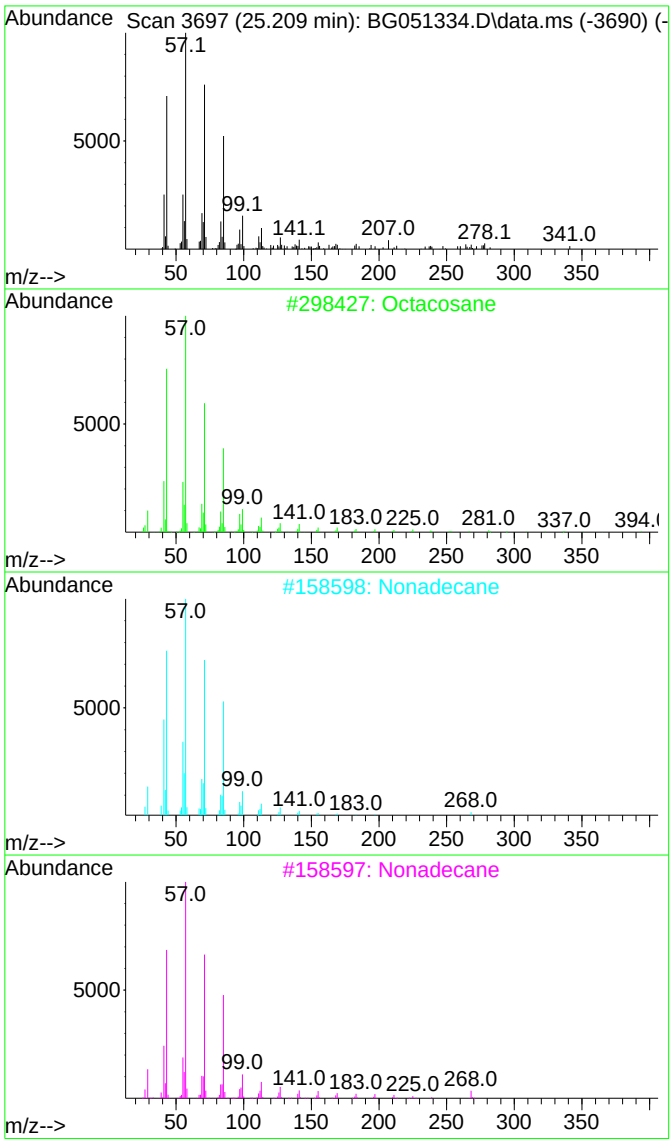
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

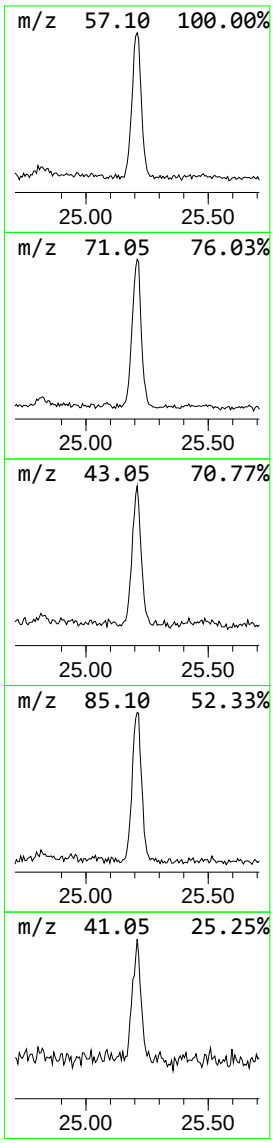
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.209	9.48 ng/ul	170509	Perylene-d12	25.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

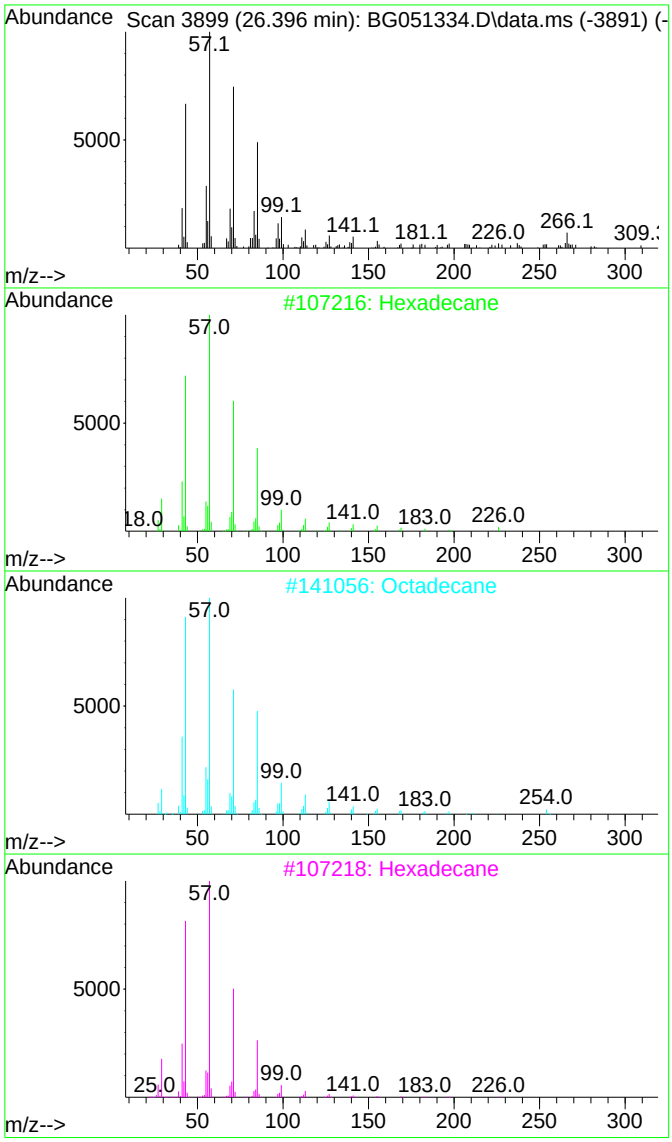
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

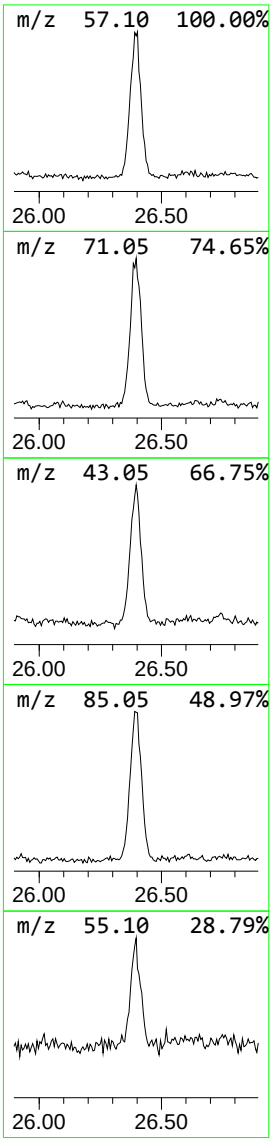
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.396	14.07 ng/ul	252937	Perylene-d12	25.274

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Octadecane	254	C18H38	000593-45-3	96
3	Hexadecane	226	C16H34	000544-76-3	95
4	Nonadecane	268	C19H40	000629-92-5	94
5	Octacosane	394	C28H58	000630-02-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120221\
Data File : BG051334.D
Acq On : 3 Dec 2021 18:03
Operator : CG/JU
Sample : M4833-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESQM8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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
Ethanol, 2-(2-b...	10.762	3.4	ng/ul	50103	2	11.020	292844	20.0
Phenanthrene, 1...	18.447	2.8	ng/ul	68072	4	17.571	484496	20.0
Phenanthrene, 2...	18.494	3.5	ng/ul	84765	4	17.571	484496	20.0
4H-Cyclopenta[d...	18.646	5.4	ng/ul	131097	4	17.571	484496	20.0
di-p-Tolylacety...	19.351	2.3	ng/ul	56159	4	17.571	484496	20.0
Cyclopenta(def)...	19.504	2.1	ng/ul	52148	4	17.571	484496	20.0
11H-Benzo[b]flu...	20.309	2.0	ng/ul	84470	5	21.872	825788	20.0
(DEL) Alkane: S...	20.433	3.0	ng/ul	125811	5	21.872	825788	20.0
Pyrene, 2-methyl-	20.468	2.5	ng/ul	103182	5	21.872	825788	20.0
7H-Benzo[c]fluo...	20.568	3.1	ng/ul	127335	5	21.872	825788	20.0
(DEL) Alkane: S...	20.932	3.0	ng/ul	121617	5	21.872	825788	20.0
(DEL) Alkane: S...	21.455	6.6	ng/ul	273950	5	21.872	825788	20.0
(DEL) Alkane: S...	22.019	4.8	ng/ul	198684	5	21.872	825788	20.0
(DEL) Alkane: S...	22.648	6.5	ng/ul	267421	5	21.872	825788	20.0
(DEL) Alkane: S...	23.370	5.6	ng/ul	229884	5	21.872	825788	20.0
unknown-01	24.463	4.4	ng/ul	78537	6	25.274	359622	20.0
Benzo[e]pyrene	24.957	7.5	ng/ul	134622	6	25.274	359622	20.0
(DEL) Alkane: S...	25.209	9.5	ng/ul	170509	6	25.274	359622	20.0
(DEL) Alkane: S...	26.396	14.1	ng/ul	252937	6	25.274	359622	20.0