LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

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-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061575.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	8	15	38	rVB	808404	1637466	100.00%	10.431%
2	3.746	123	129	140	rBV3	23034	45038	2.75%	0.287%
3	3.852	140	147	156	rVB2	11762	20420	1.25%	0.130%
4	7.071	689	695	705	rVB	100010	177025	10.81%	1.128%
5	7.207	711	718	723	rBV	58930	96810	5.91%	0.617%
6	7.418	747	754	759	rBV	94744	162980	9.95%	1.038%
7	7.459	759	761	770	rVB2	14881	27241	1.66%	0.174%
8	7.871	823	831	838	rVV	113460	187394	11.44%	1.194%
9	8.605	947	956	964	rVV	104088	177747	10.86%	1.132%
10	9.034	1022	1029	1036	rVV	96262	170410	10.41%	1.086%
11	9.757	1145	1152	1162	rBV	88351	157786	9.64%	1.005%
12	10.309	1240	1246	1254	rBV	124432	227067	13.87%	1.446%
13	10.667	1297	1307	1313	rBV	146055	264132	16.13%	1.683%
14	10.720	1313	1316	1323	rVB2	10750	16705	1.02%	0.106%
15	10.808	1325	1331	1341	rVB3	44561	85360	5.21%	0.544%
16	11.690	1476	1481	1486	rVV	12850	19069	1.16%	0.121%
17	12.083	1541	1548	1555	rBV2	10700	17361	1.06%	0.111%
18	12.330	1584	1590	1596	rVB3	14919	24916	1.52%	0.159%
19	12.547	1622	1627	1632	rBV2	15658	24955	1.52%	0.159%
20	13.329	1753	1760	1767	rBV3	15900	27148	1.66%	0.173%
21	13.411	1767	1774	1784	rVV	243564	391876	23.93%	2.496%
22	13.675	1811	1819	1821	rBV4	7745	13773	0.84%	0.088%
23	13.834	1840	1846	1850	rVV3	20123	34040	2.08%	0.217%
24	13.916	1850	1860	1866	rVV	228581	345378	21.09%	2.200%
25	13.993	1869	1873	1877	rVV3	11242	15555	0.95%	0.099%
26	14.069	1882	1886	1890	rVV2	9091	13606	0.83%	0.087%
27	14.204	1903	1909	1918	rVV	236700	377082	23.03%	2.402%
28	14.404	1940	1943	1948	rVB2	14033	18179	1.11%	0.116%
29	14.516	1950	1962	1968	rBV	222985	377804	23.07%	2.407%
30	14.574	1968	1972	1980	rVB3	15706	34454	2.10%	0.219%
31	14.727	1990	1998	2002	rBV4	38089	90922	5.55%	0.579%
32	14.774	2002	2006	2019	rVV2	57423	120289	7.35%	0.766%
33	14.915	2020	2030	2036	rVV4	24156	51615	3.15%	0.329%
34	14.992	2039	2043	2046	rVV2	9774	14149	0.86%	0.090%
35	15.133	2062	2067	2071	rBV3	10740	19133	1.17%	0.122%
36	15.303	2090	2096	2100	rBV4	13147	26442	1.61%	0.168%

LSC Area Percent Report

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Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

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-BG052124.MA.M
Title : SVOA CALIBRATION

37	15.362	2100	2106	2110	rVB2	14486	23216	1.42%	0.148%
38	15.509	2123	2131	2136	rVV	312396	470559	28.74%	2.997%
39	15.562	2136	2140	2144	rVV3	25624	39104	2.39%	0.249%
40	15.661	2151	2157	2164	rBV	64818	101198	6.18%	0.645%
41	15.767	2171	2175	2181	rVB6	9538	14430	0.88%	0.092%
42	15.855	2184	2190	2196	rVB3	16440	30520	1.86%	0.194%
43	16.002	2208	2215	2223	rVB5	13240	34970	2.14%	0.223%
44	16.243	2247	2256	2260	rBV3	35238	77453	4.73%	0.493%
45	16.519	2295	2303	2305	rBV4	9833	19247	1.18%	0.123%
46	16.572	2308	2312	2317	rVV7	11755	23039	1.41%	0.147%
47	16.625	2317	2321	2325	rVB4	13781	20177	1.23%	0.129%
48	16.801	2342	2351	2355	rBV6	20769	44502	2.72%	0.283%
49	16.925	2366	2372	2378	rBV4	26335	43020	2.63%	0.274%
50	17.013	2381	2387	2391	rBV5	23858	42068	2.57%	0.268%
51	17.083	2394	2399	2406	rVB2	17633	34177	2.09%	0.218%
52	17.265	2424	2430	2434	rBV	292466	465956	28.46%	2.968%
53	17.307	2434	2437	2442	rVB	287127	391073	23.88%	2.491%
54	17.365	2442	2447	2452	rBV2	346904	503953	30.78%	3.210%
55	17.448	2458	2461	2462	rBV3	15021	13894	0.85%	0.089%
56	17.553	2474	2479	2480	rBV4	11163	17497	1.07%	0.111%
57	17.583	2481	2484	2489	rVB4	17057	27260	1.66%	0.174%
58	17.671	2493	2499	2503	rBV2	25514	43306	2.64%	0.276%
59	17.753	2510	2513	2516	rBV	14456	17067	1.04%	0.109%
60	17.853	2522	2530	2535	rBV3	23427	44958	2.75%	0.286%
61	18.147	2575	2580	2584	rVV2	83365	173113	10.57%	1.103%
62	18.188	2584	2587	2593	rVV	115687	187452	11.45%	1.194%
63	18.270	2597	2601	2606	rVV	17403	31294	1.91%	0.199%
64	18.335	2607	2612	2616	rVV3	91112	168751	10.31%	1.075%
65	18.376	2616	2619	2624	rVB	62060	83120	5.08%	0.529%
66	18.452	2628	2632	2636	rBV3	25688	34383	2.10%	0.219%
67	18.540	2643	2647	2651	rVB6	17126	24155	1.48%	0.154%
68	18.640	2660	2664	2669	rBV	52911	83872	5.12%	0.534%
69	18.693	2669	2673	2680	rVB2	50759	83032	5.07%	0.529%
70	18.770	2682	2686	2691	rBV6	10556	17053	1.04%	0.109%
71	18.887	2703	2706	2712	rVB2	25138	33866	2.07%	0.216%
72	18.946	2712	2716	2719	rVV	31964	41245	2.52%	0.263%
73	18.981	2719	2722	2725	rVB2	22763	26351	1.61%	0.168%
74	19.063	2731	2736	2740	rBV2	70978	135184	8.26%	0.861%
75	19.104	2740	2743	2749	rVV6	48795	100334	6.13%	0.639%
76	19.151	2749	2751	2755	rVB	27249	32756	2.00%	0.209%

LSC Area Percent Report

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Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

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

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	19.210	2756	2761	2769	rVV5	47670	107075	6.54%	0.682%
78	19.328	2775	2781	2787	rVB	600729	827858	50.56%	5.273%
79	19.386	2787	2791	2794	rBV	31084	43471	2.65%	0.277%
80	19.428	2795	2798	2804	rVB7	23111	42474	2.59%	0.271%
81	19.569	2819	2822	2825	rBV3	16573	24742	1.51%	0.158%
82	19.663	2832	2838	2840	rBV2	481881	699445	42.72%	4.455%
83	19.692	2840	2843	2850	rVV	444189	634965	38.78%	4.045%
84	19.762	2851	2855	2862	rVB3	43626	84205	5.14%	0.536%
85	20.009	2892	2897	2906	rBV5	55210	163305	9.97%	1.040%
86	20.150	2917	2921	2923	rBV4	34352	63567	3.88%	0.405%
87	20.186	2924	2927	2931	rVB2	108177	144965	8.85%	0.923%
88	20.285	2940	2944	2948	rBV	46502	70101	4.28%	0.447%
89	20.344	2951	2954	2957	rVB	62475	83984	5.13%	0.535%
90	20.479	2974	2977	2981	rBV	41758	58575	3.58%	0.373%
91	20.526	2982	2985	2989	rVB	57192	77090	4.71%	0.491%
92	20.943	3052	3056	3061	rVB	86341	113340	6.92%	0.722%
93	21.002	3062	3066	3070	rVV	111023	128074	7.82%	0.816%
94	21.408	3133	3135	3140	rVB	75502	95842	5.85%	0.611%
95	21.525	3147	3155	3160	rBV4	434567	1085282	66.28%	6.913%
96	21.572	3160	3163	3175	rVB	283815	455462	27.82%	2.901%
97	22.929	3392	3394	3403	rVB5	67622	131331	8.02%	0.837%
98	23.658	3511	3518	3524	rBV	181508	528805	32.29%	3.368%
99	24.422	3643	3648	3654	rVB	120446	250157	15.28%	1.593%
100	24.633	3677	3684	3694	rBV2	179302	474560	28.98%	3.023%

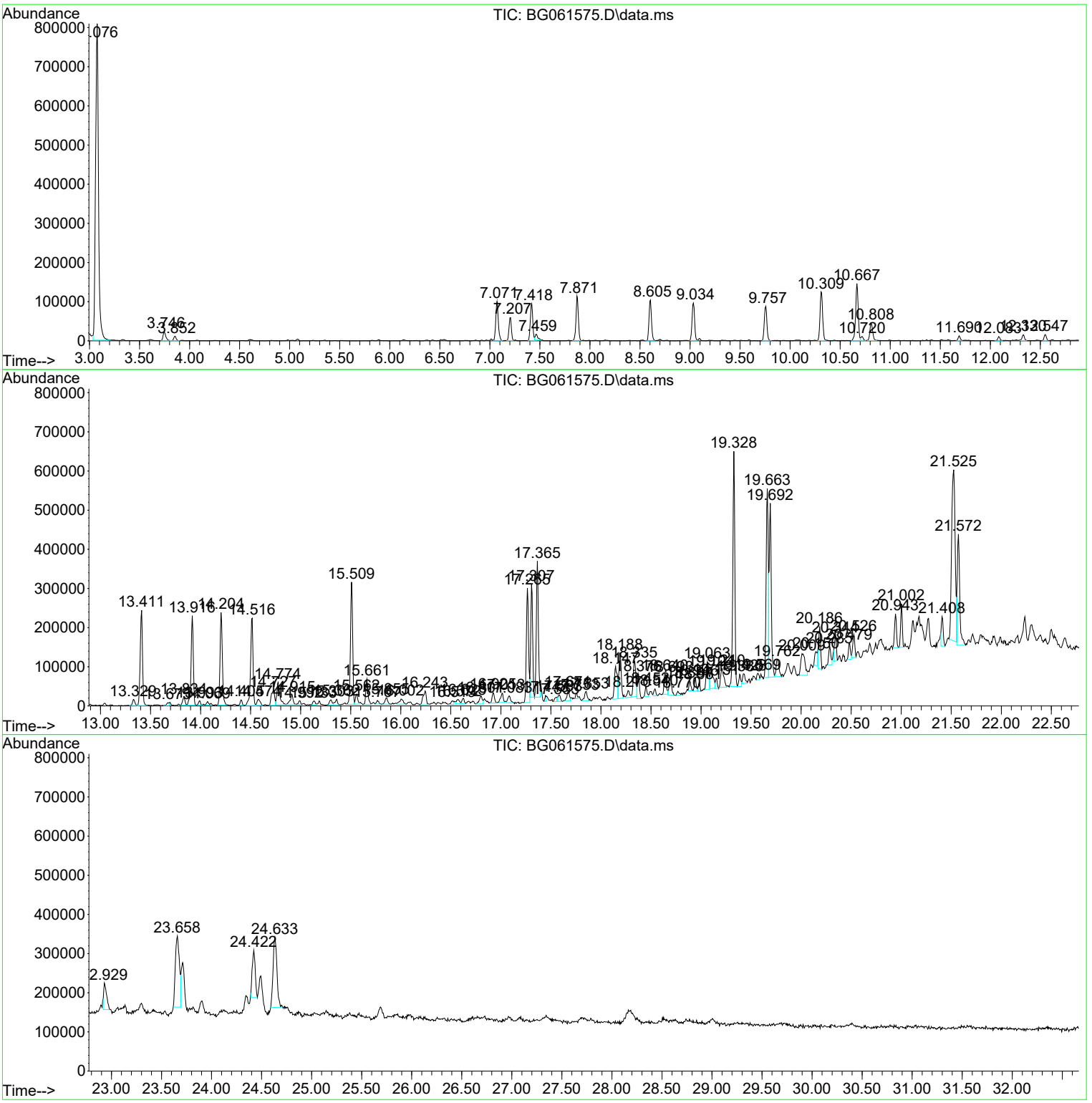
Sum of corrected areas: 15698607

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
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Sample : P2647-14
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHBS8

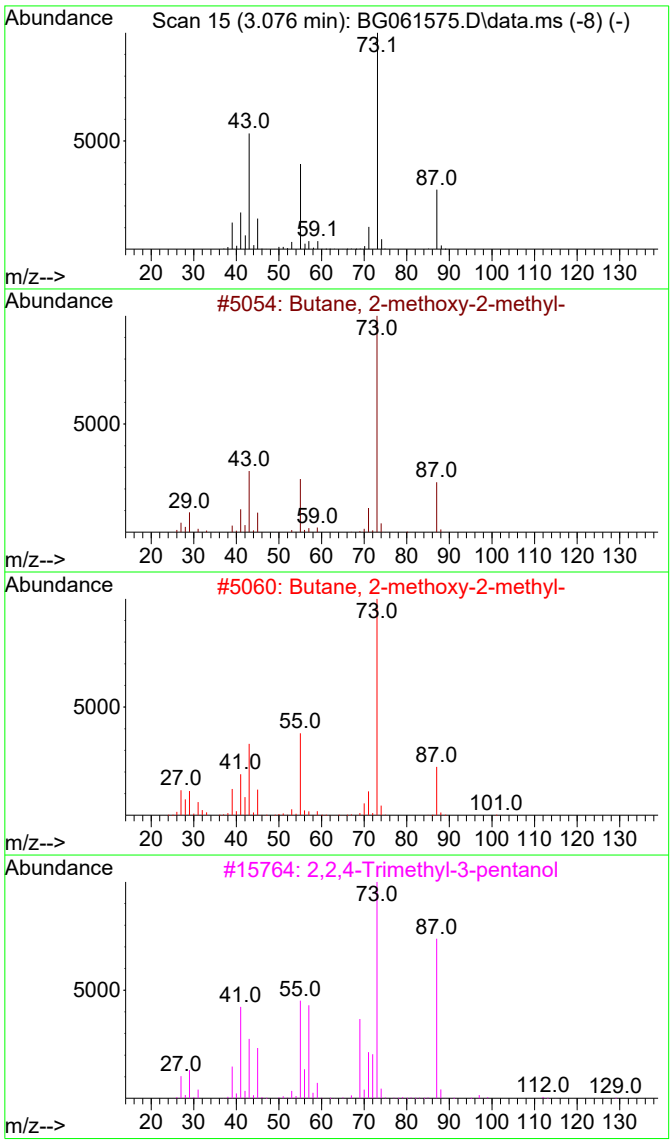
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

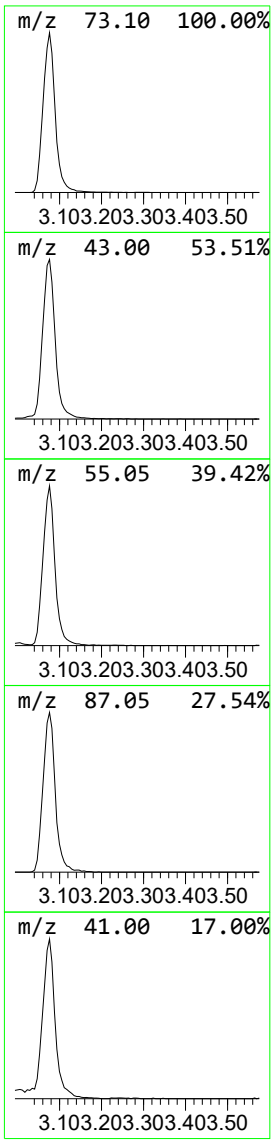
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	174.76 ng/ul	1637470	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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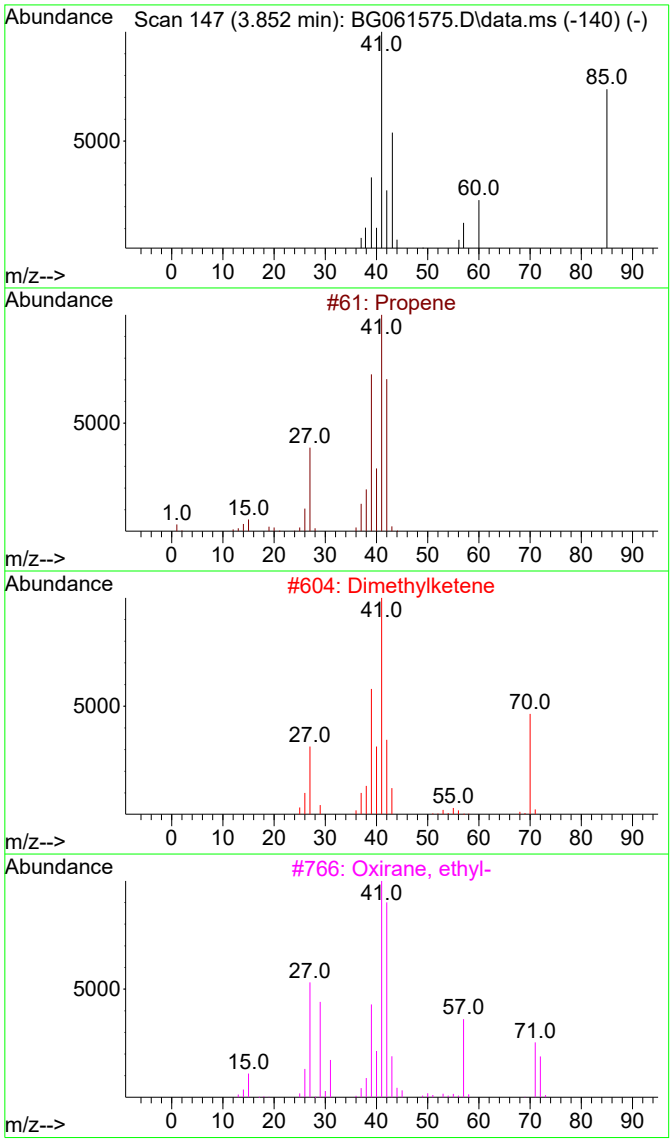
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

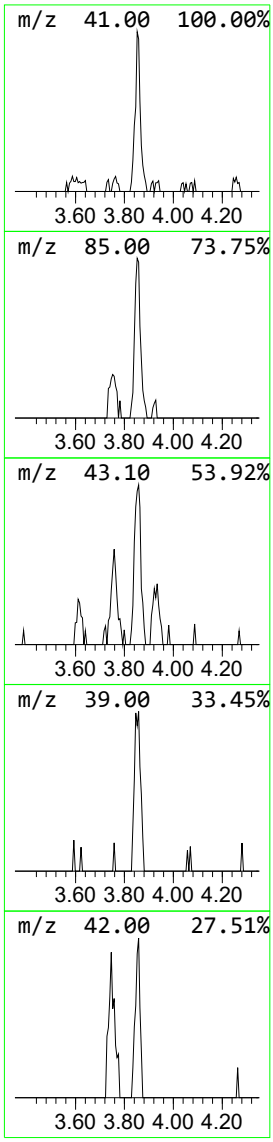
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.852	2.18 ng/ul	20420	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	10
2	Dimethylketene	70	C4H6O	000598-26-5	9
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
4	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	9
5	1-Propanol	60	C3H8O	000071-23-8	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

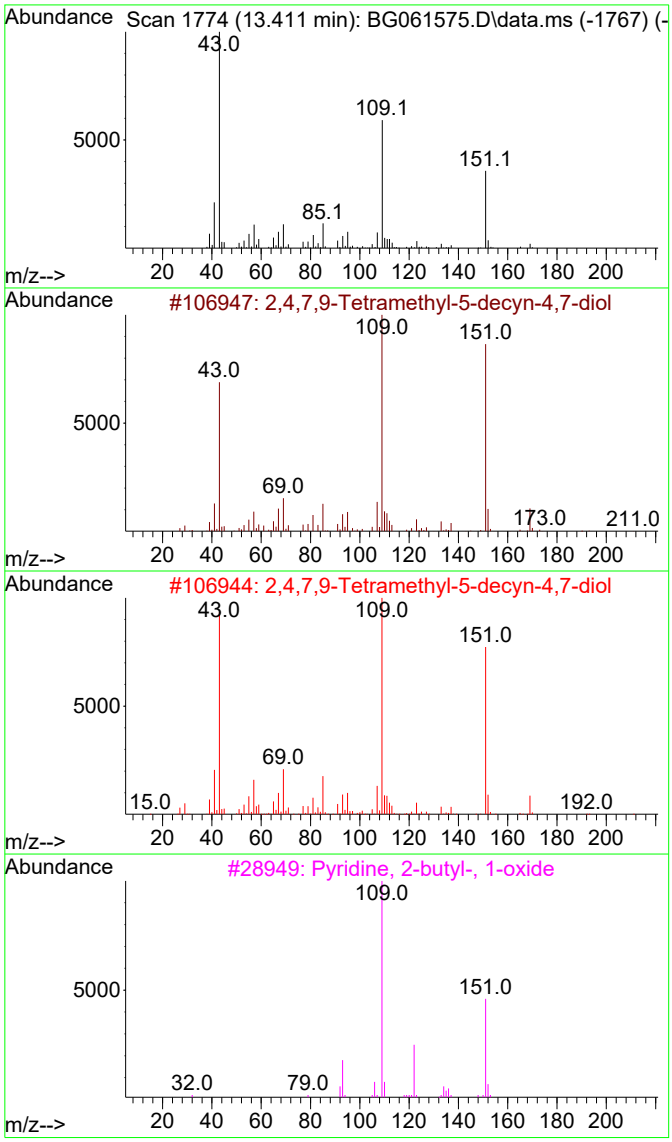
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

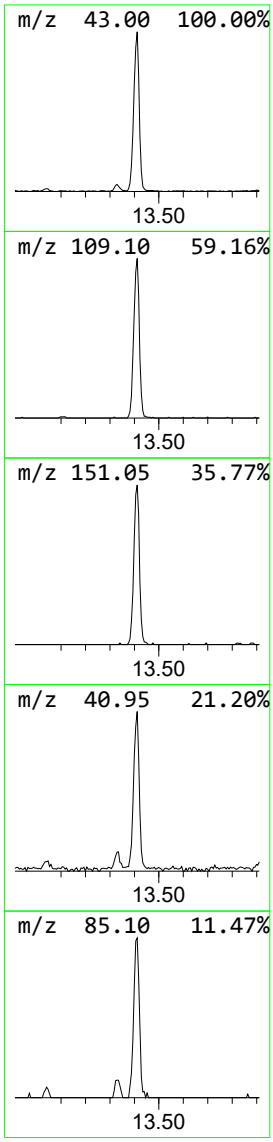
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.411	20.74 ng/ul	391876	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	83
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	58
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	47
5	Metacetamol	151	C8H9NO2	000621-42-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

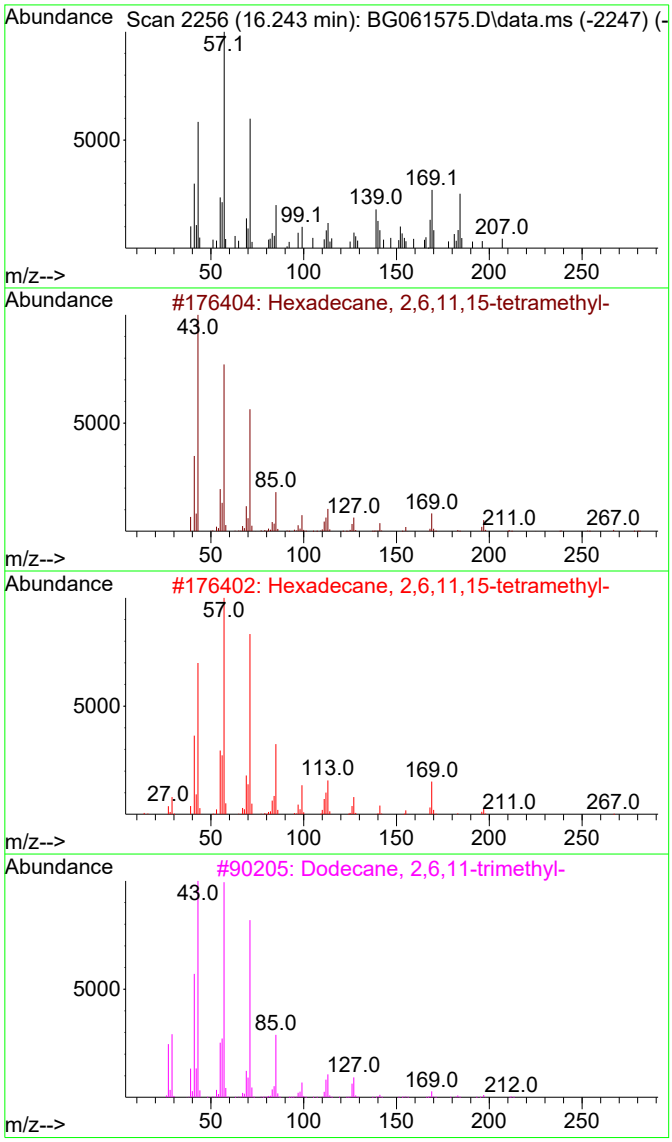
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

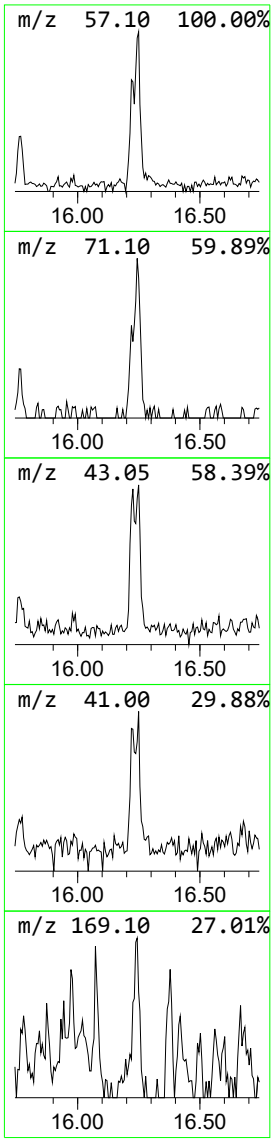
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.243	3.32 ng/ul	77453	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	43
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

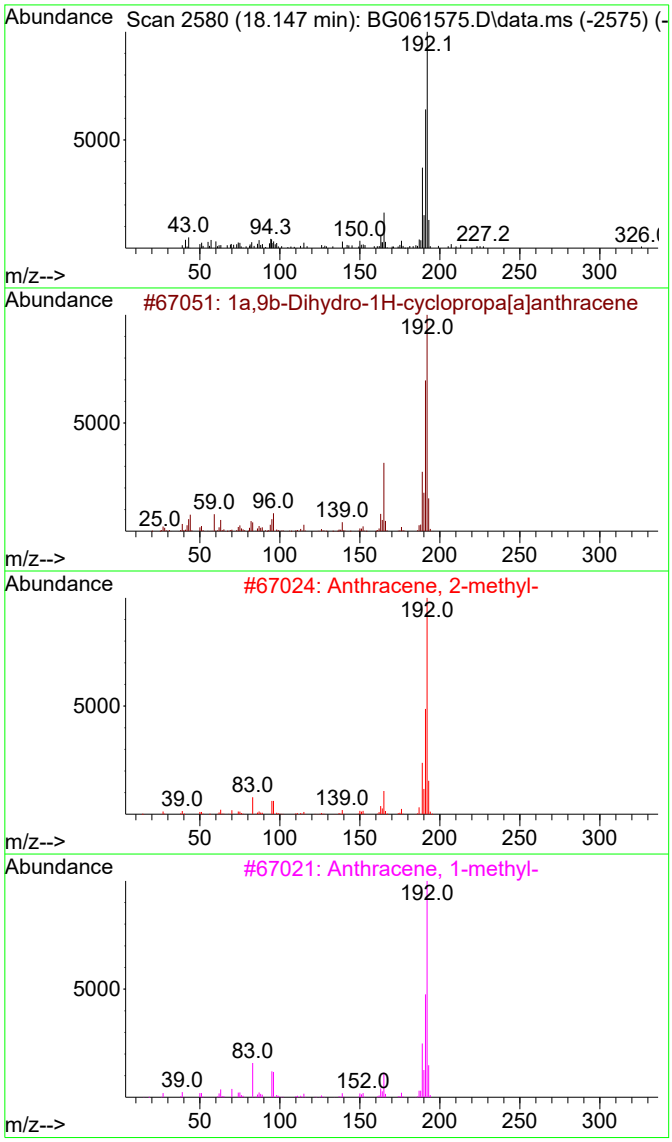
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

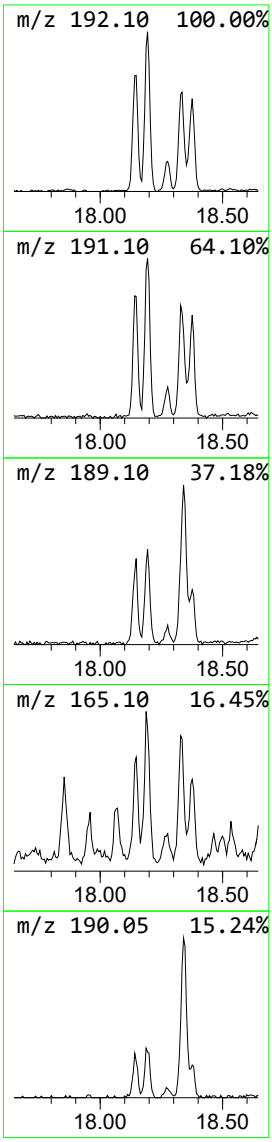
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.147	7.43 ng/ul	173113	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87





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Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

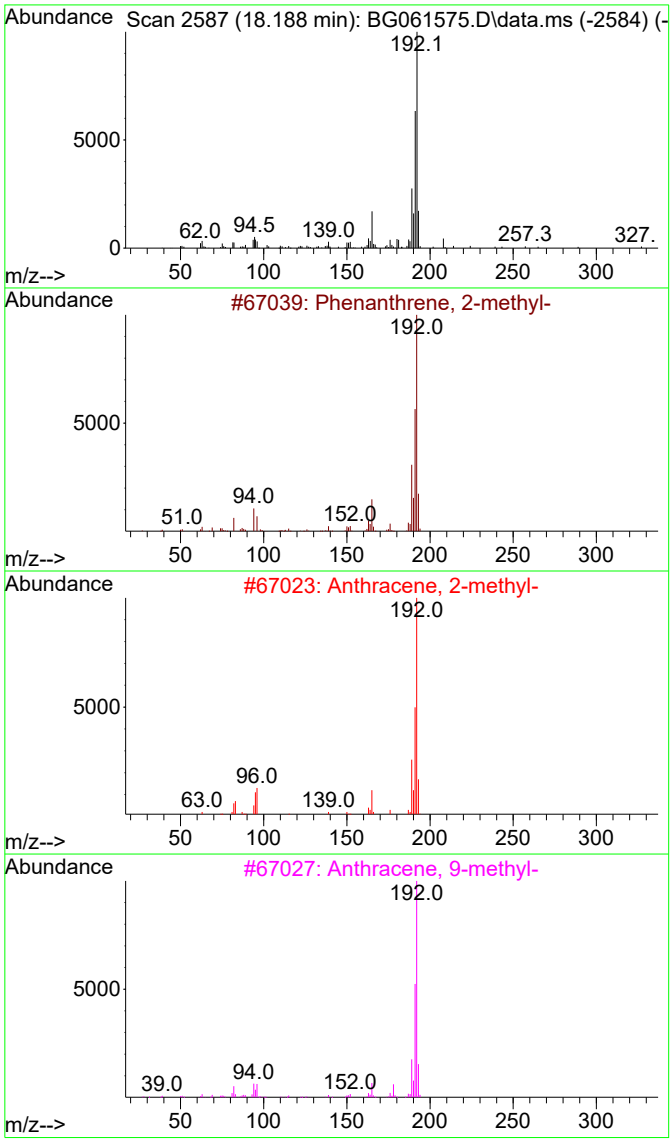
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

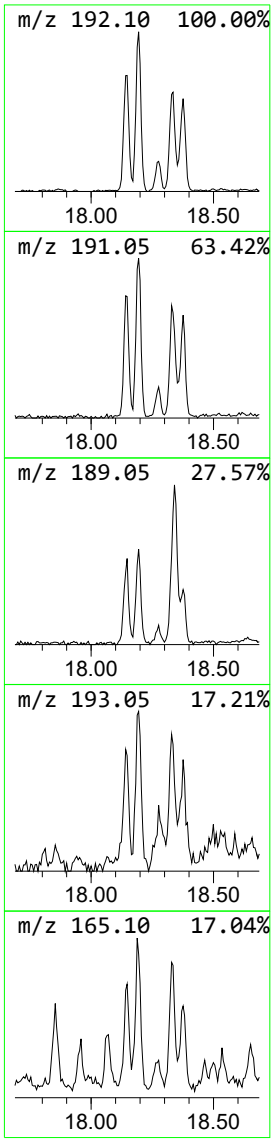
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	8.05 ng/ul	187452	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

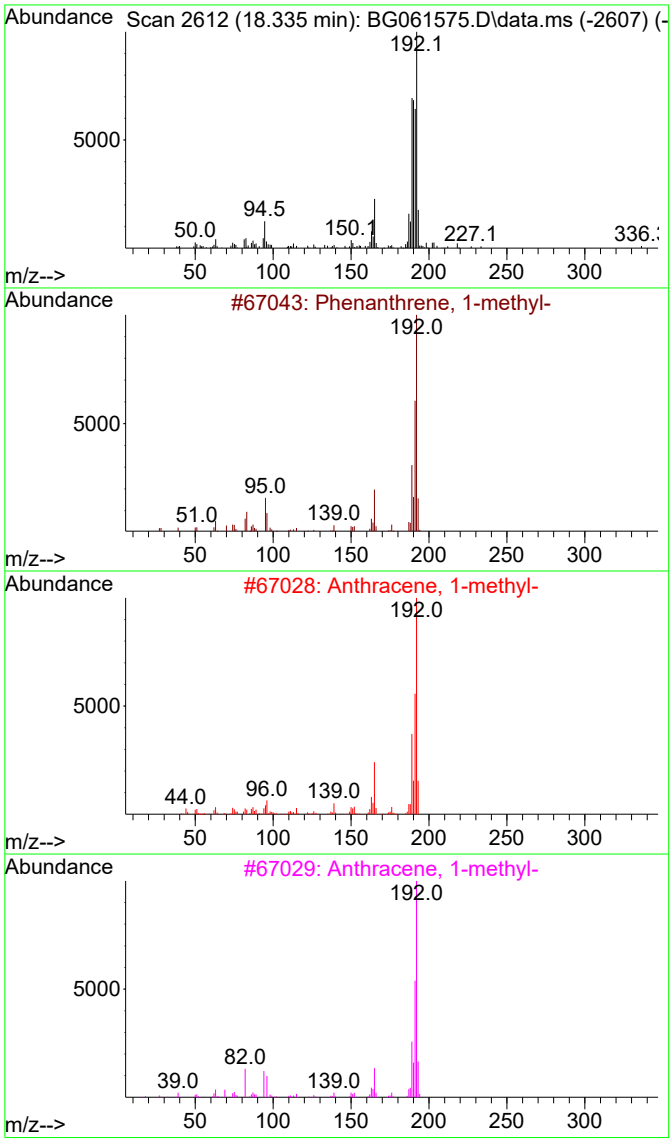
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

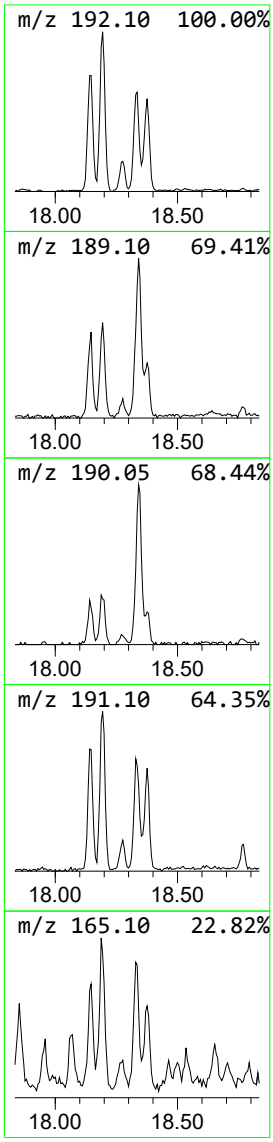
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.335	7.24 ng/ul	168751	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	58
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

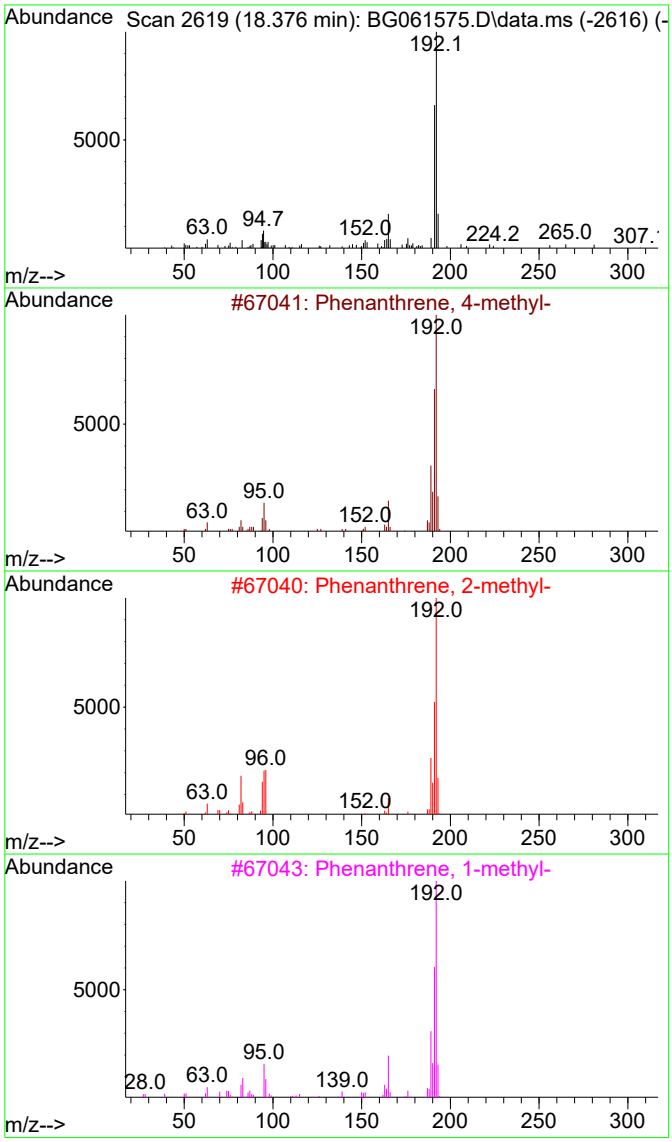
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

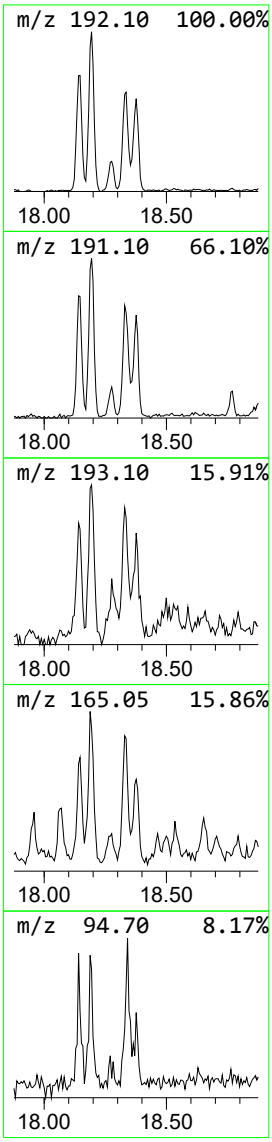
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	3.57 ng/ul	83120	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

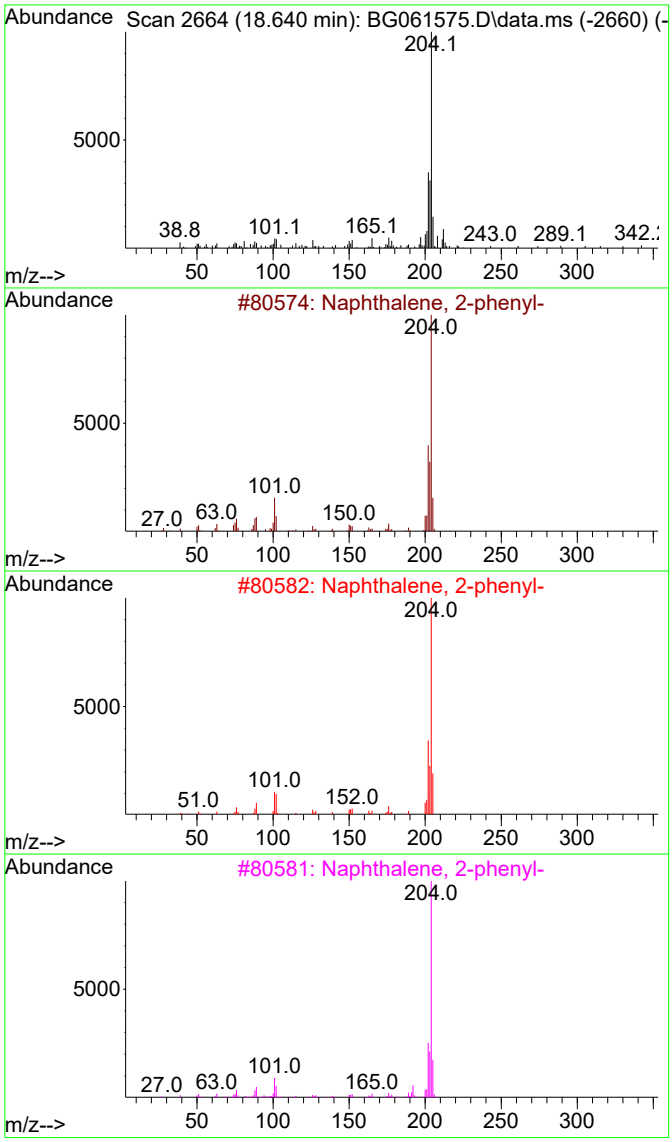
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

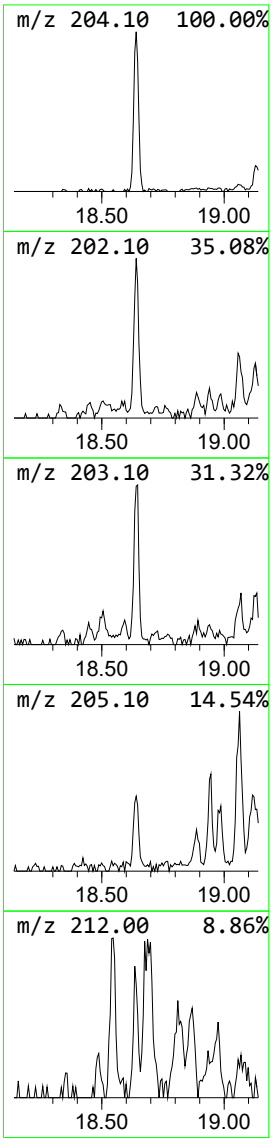
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.640	3.60 ng/ul	83872	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

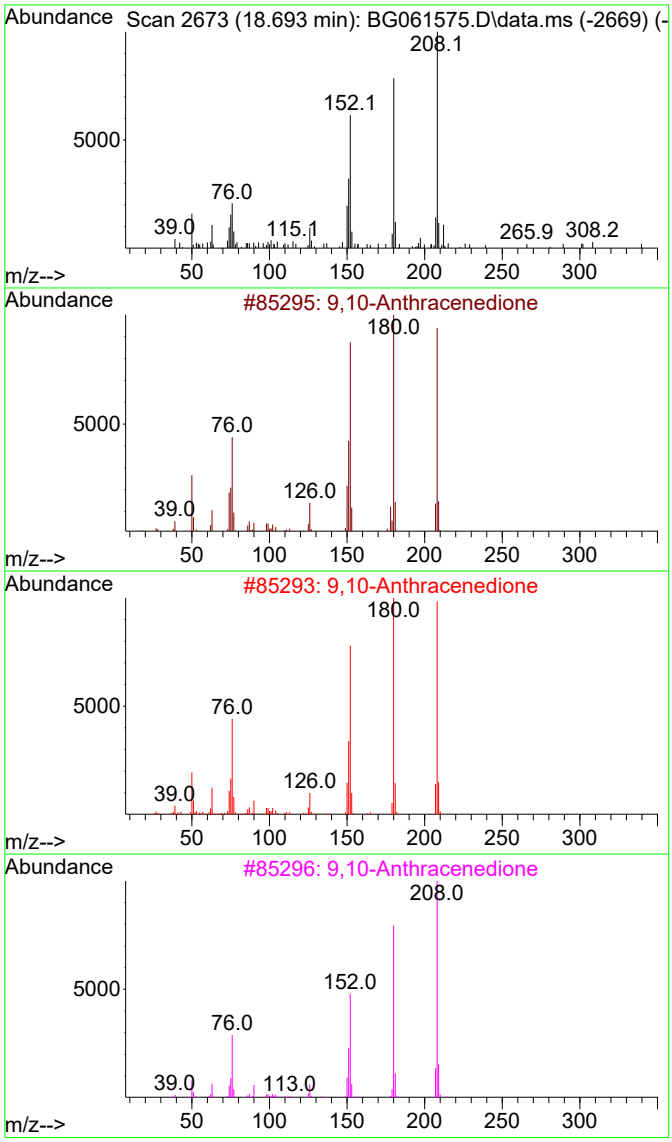
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

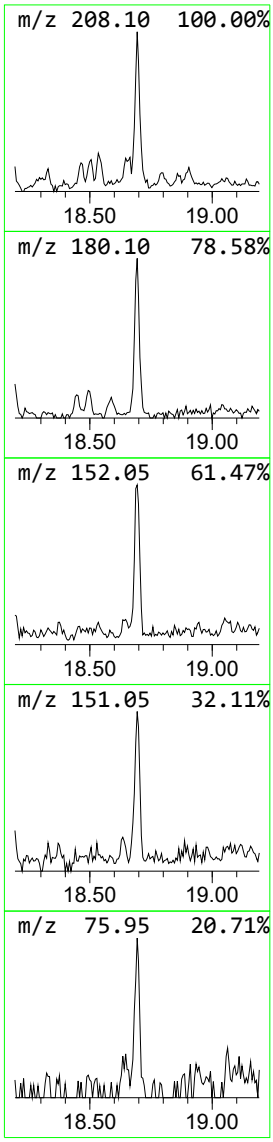
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.693	3.56 ng/ul	83032	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
5	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	78





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Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

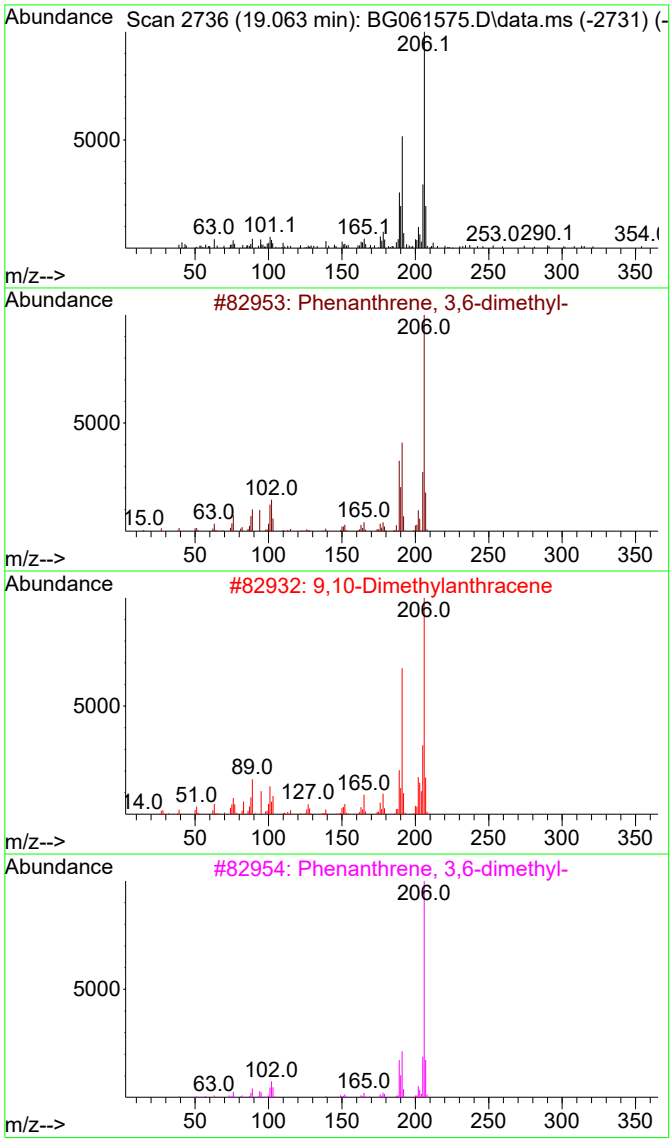
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

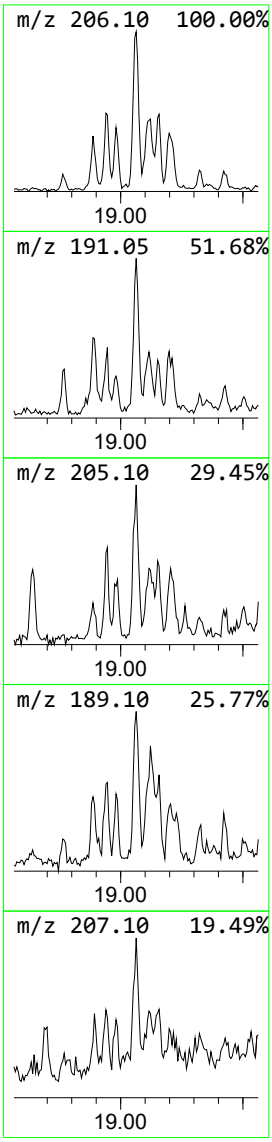
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	5.80 ng/ul	135184	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72





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Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

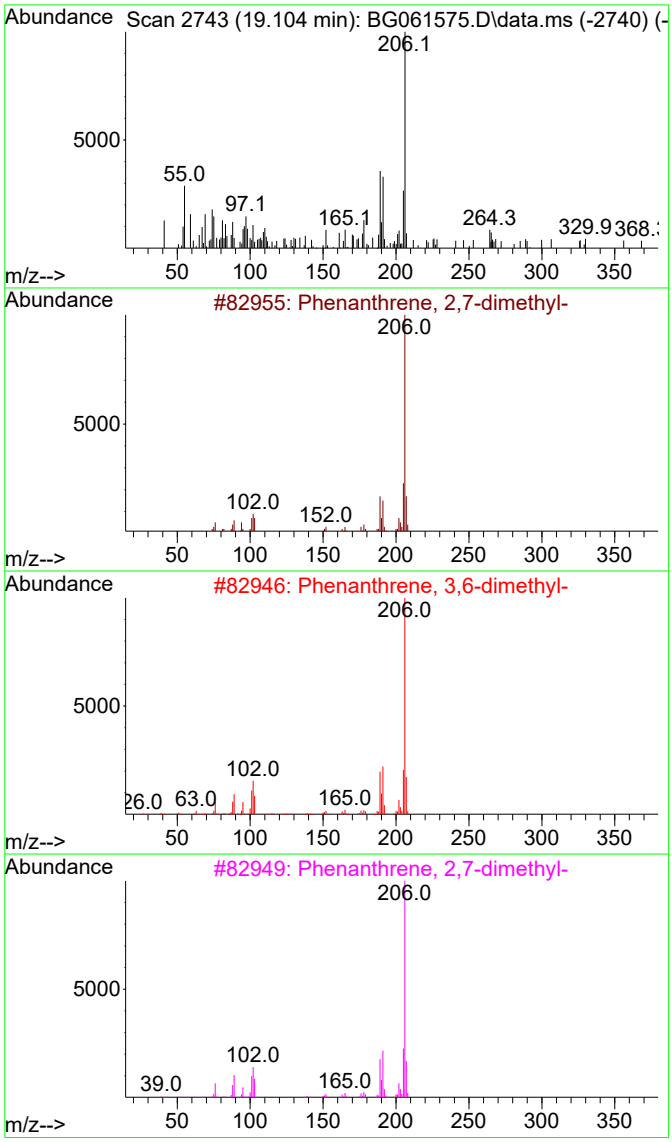
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

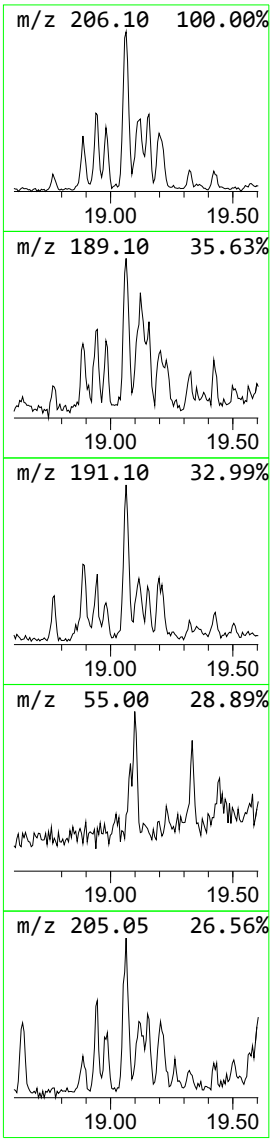
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	4.31 ng/ul	100334	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

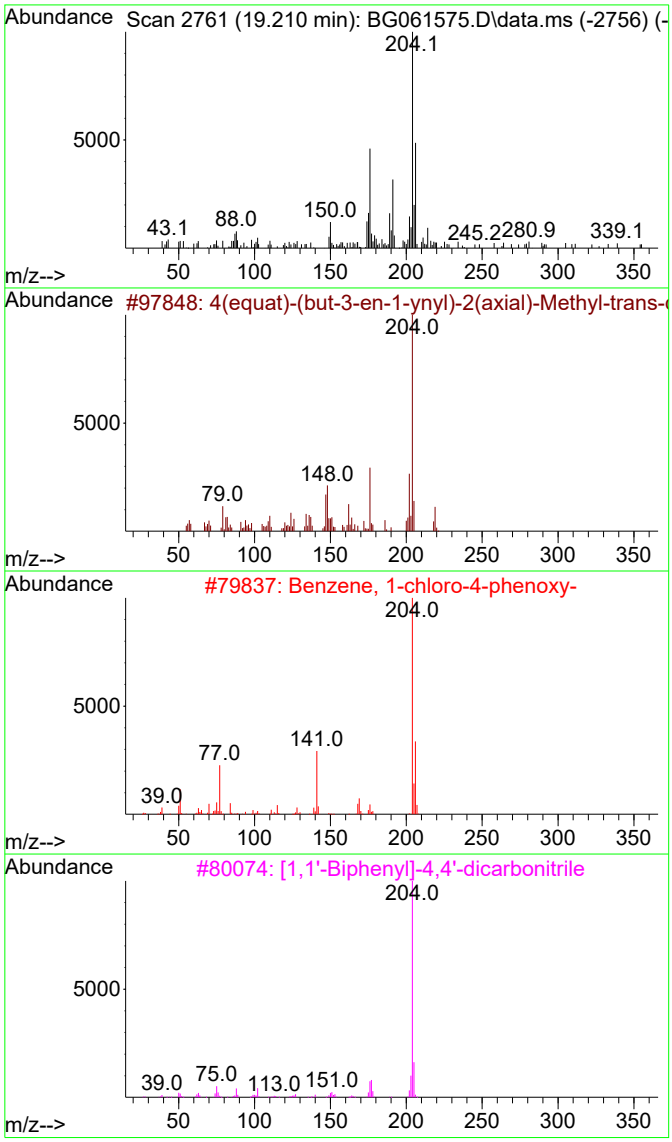
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

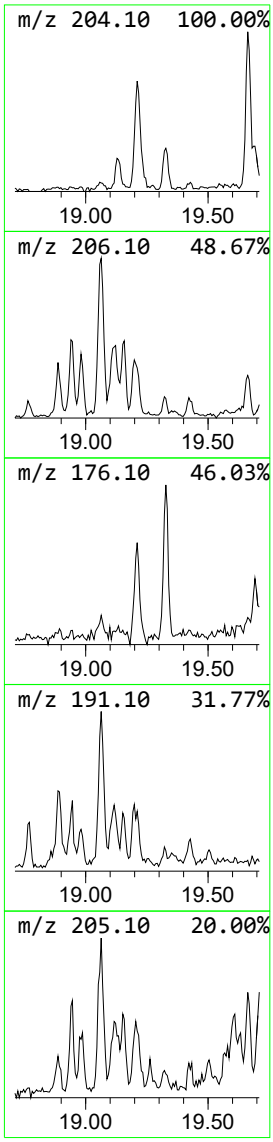
****

Peak Number 13 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.210	4.60 ng/ul	107075	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	49
2	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45
4	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	45
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

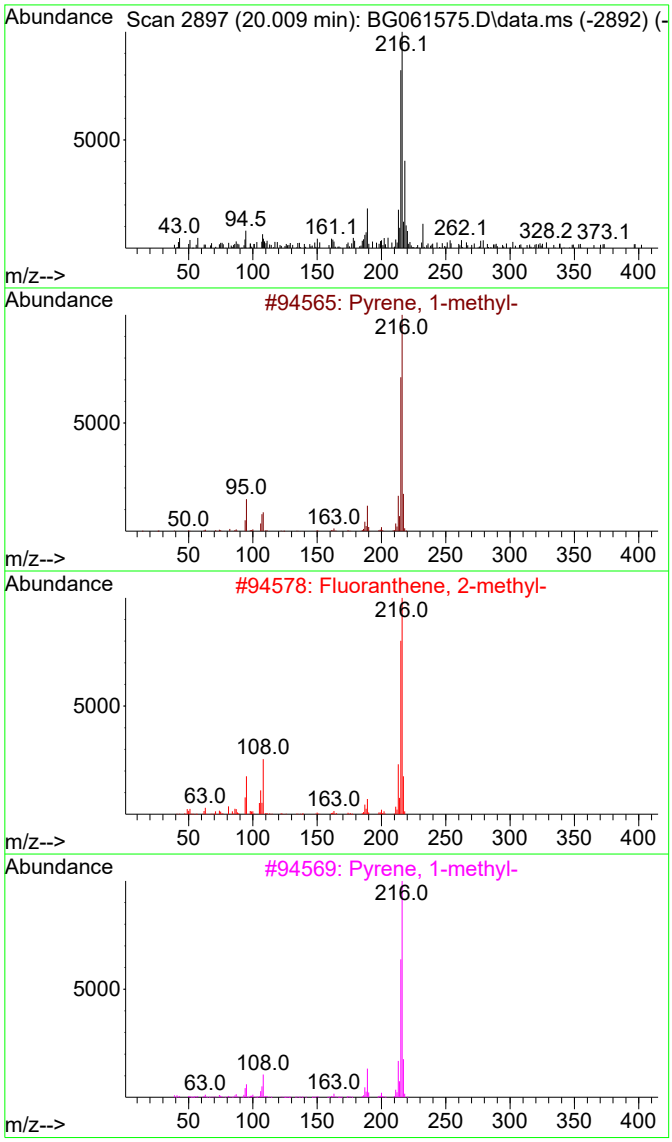
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

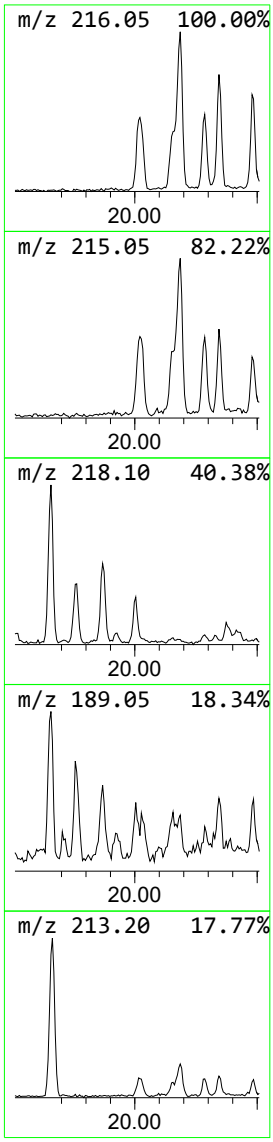
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.009	3.01 ng/ul	163305	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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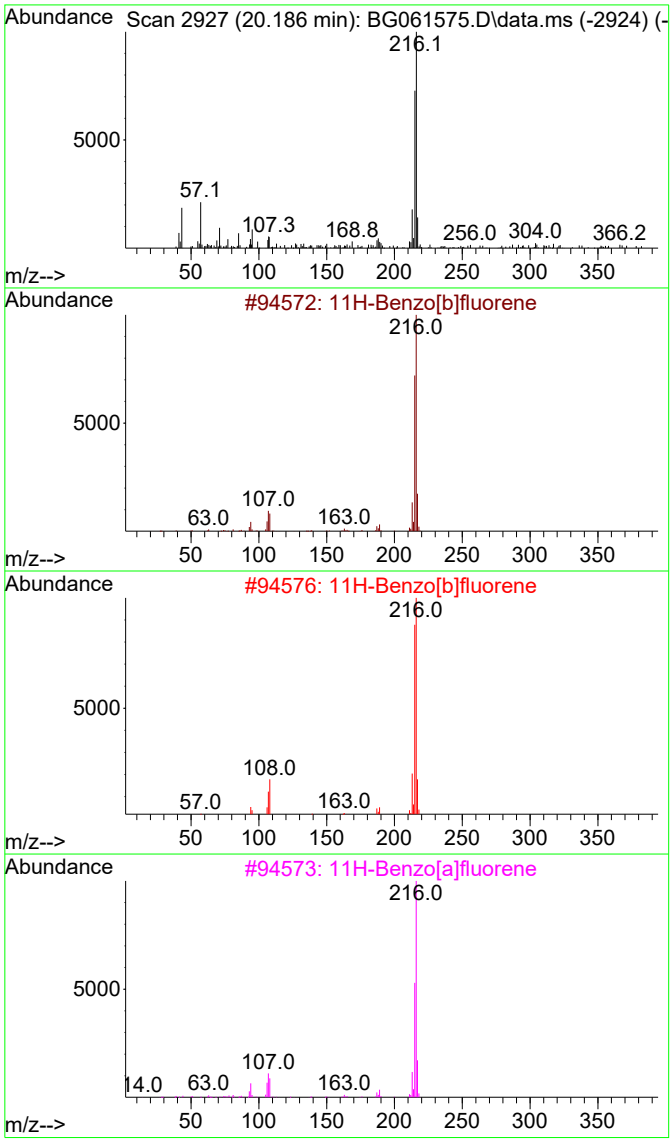
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

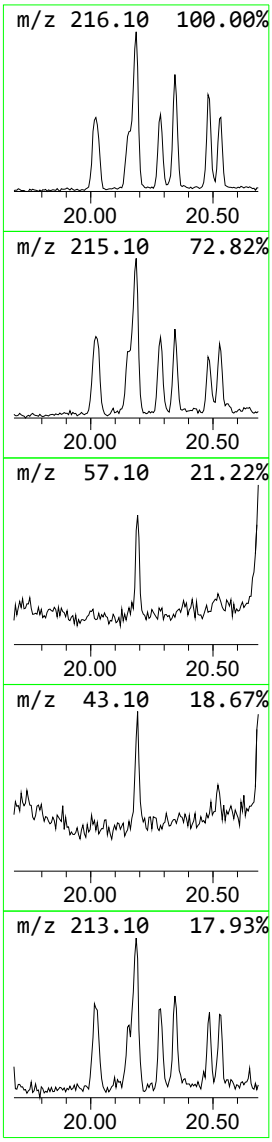
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	2.67 ng/ul	144965	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

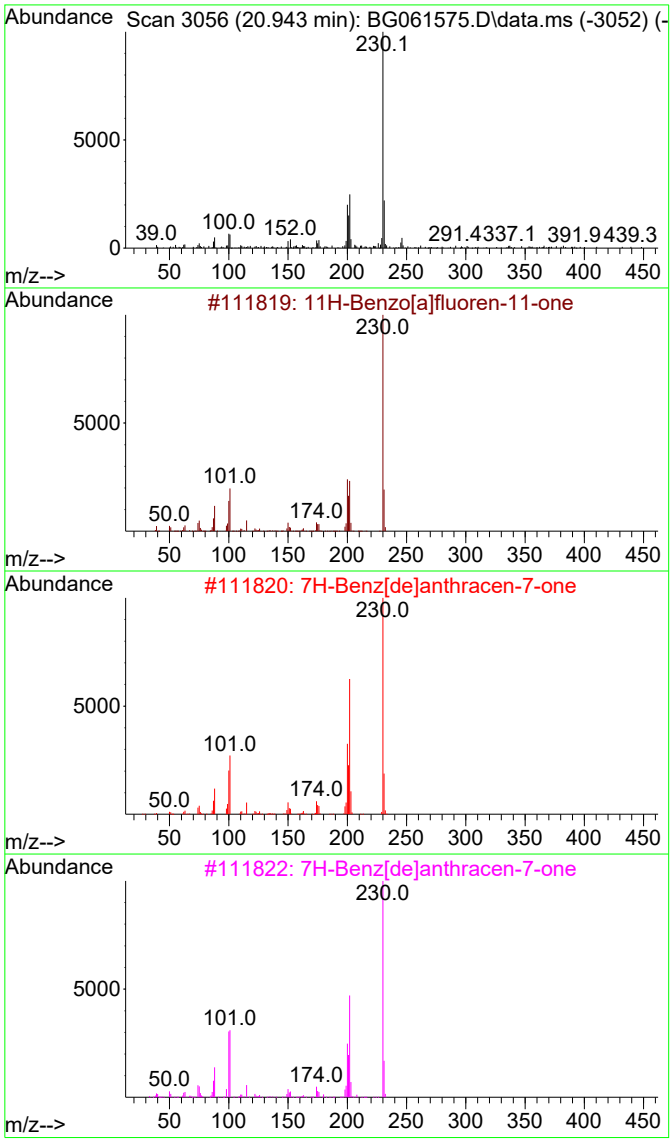
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

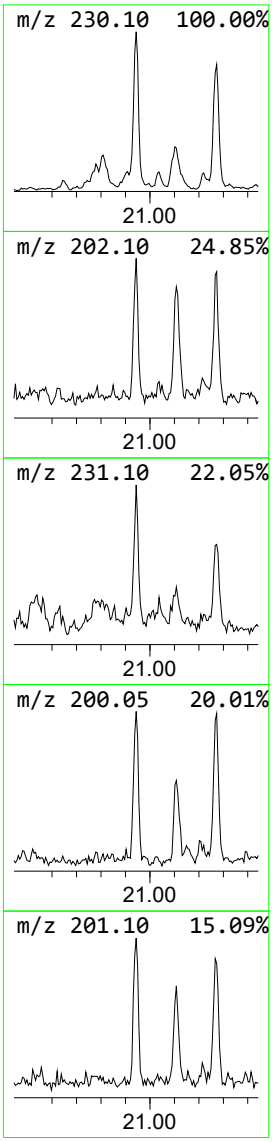
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.943	2.09 ng/ul	113340	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58





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Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

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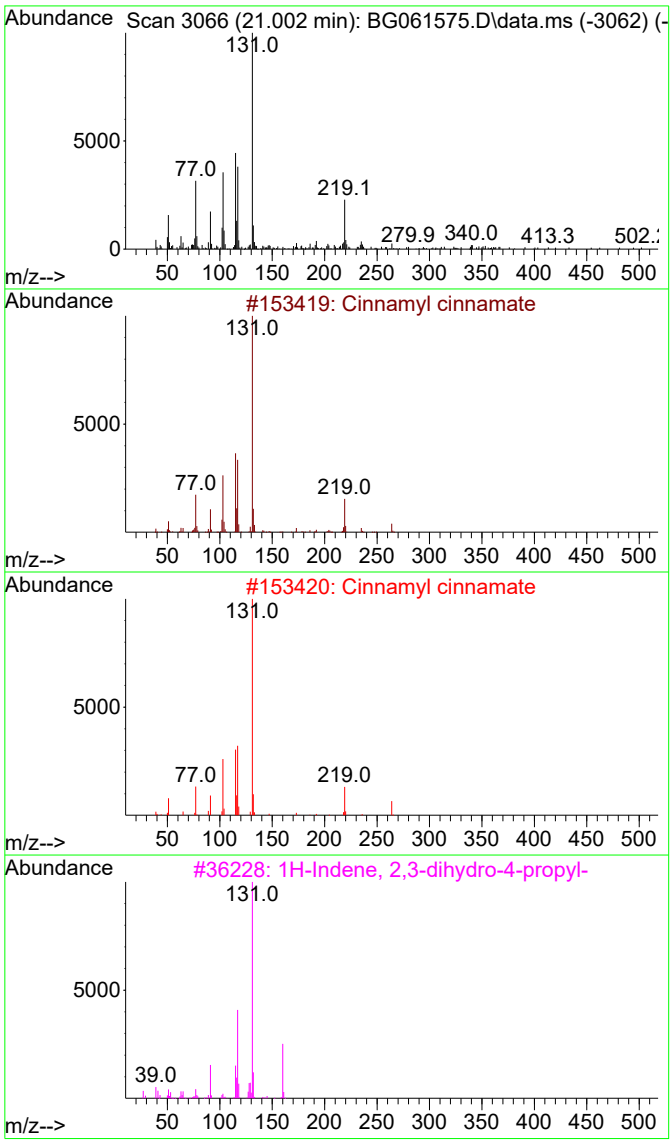
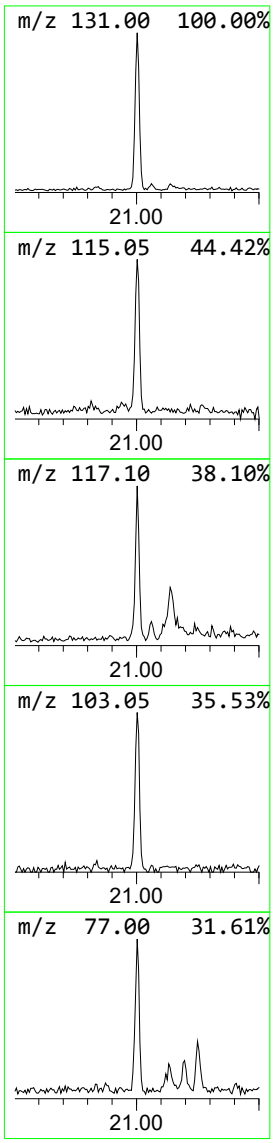
Peak Number 17 Cinnamyl cinnamate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.002	2.36 ng/ul	128074	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	78
3	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	47
4	N-(2-Chlorophenyl)-3-phenyl-2-pr...	353	C17H11ClF3NO2	1000492-36-9	46
5	(Z)-N-(2-Hydroxyethyl)-3-phenyla...	233	C13H15NO3	1000512-63-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

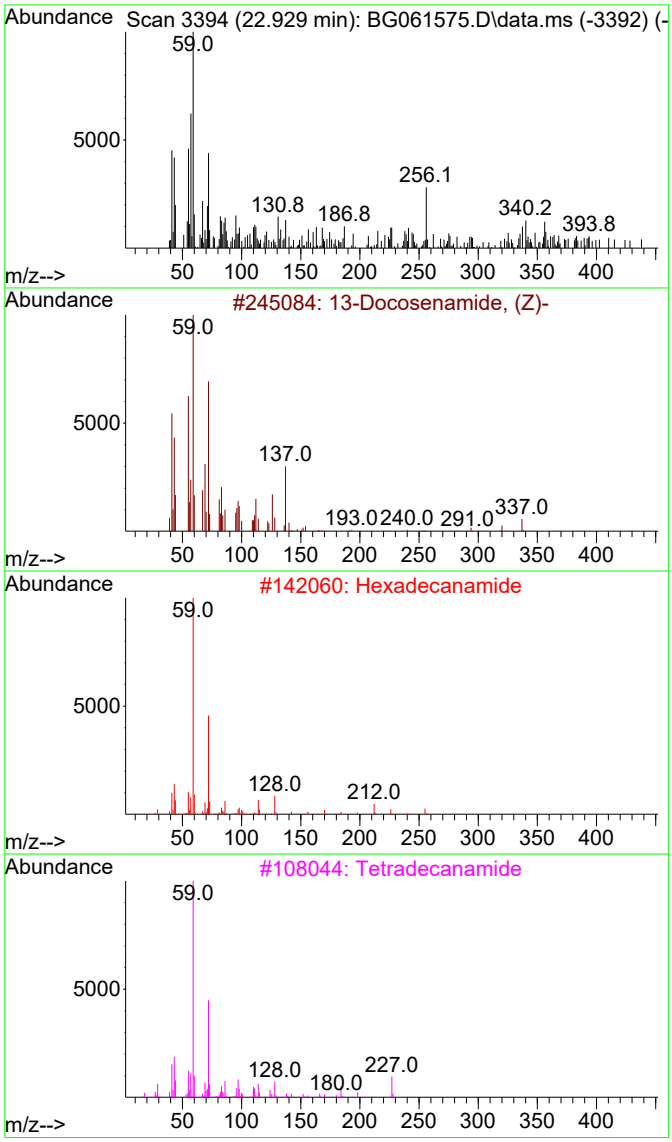
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

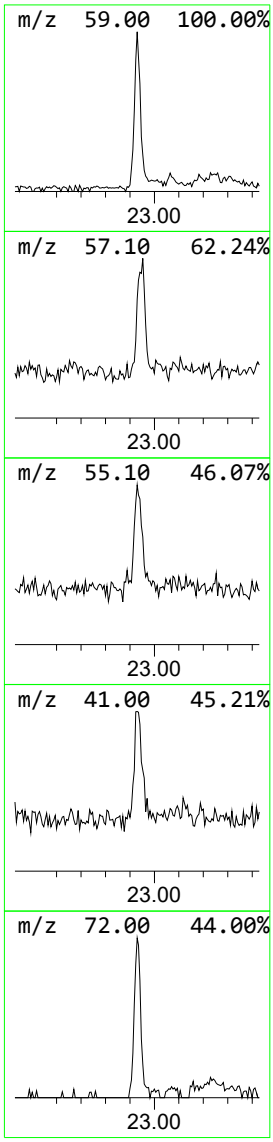
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.929	2.42 ng/ul	131331	Chrysene-d12	21.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061575.D
Acq On : 8 Jun 2024 21:41
Operator : MA/JU
Sample : P2647-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.076	174.8	ng/ul	1637470	1	7.871	187394	20.0
(DEL) Alkane: S...	3.852	2.2	ng/ul	20420	1	7.871	187394	20.0
2,4,7,9-Tetrame...	13.411	20.7	ng/ul	391876	3	14.516	377804	20.0
(DEL) Alkane: S...	16.243	3.3	ng/ul	77453	4	17.265	465956	20.0
1a,9b-Dihydro-1...	18.147	7.4	ng/ul	173113	4	17.265	465956	20.0
Phenanthrene, 2...	18.188	8.1	ng/ul	187452	4	17.265	465956	20.0
Phenanthrene, 1...	18.335	7.2	ng/ul	168751	4	17.265	465956	20.0
Phenanthrene, 4...	18.376	3.6	ng/ul	83120	4	17.265	465956	20.0
Naphthalene, 2-...	18.640	3.6	ng/ul	83872	4	17.265	465956	20.0
9,10-Anthracene...	18.693	3.6	ng/ul	83032	4	17.265	465956	20.0
Phenanthrene, 3...	19.063	5.8	ng/ul	135184	4	17.265	465956	20.0
Phenanthrene, 2...	19.104	4.3	ng/ul	100334	4	17.265	465956	20.0
unknown-01	19.210	4.6	ng/ul	107075	4	17.265	465956	20.0
Pyrene, 1-methyl-	20.009	3.0	ng/ul	163305	5	21.525	1085280	20.0
11H-Benzo[b]flu...	20.186	2.7	ng/ul	144965	5	21.525	1085280	20.0
11H-Benzo[a]flu...	20.943	2.1	ng/ul	113340	5	21.525	1085280	20.0
Cinnamyl cinnamate	21.002	2.4	ng/ul	128074	5	21.525	1085280	20.0
13-Docosenamide...	22.929	2.4	ng/ul	131331	5	21.525	1085280	20.0