LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBS3

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: BG061569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.077	8	15	38	rVB	870146	1746903	100.00%	11.244%
2	3.605	97	105	115	rBV	22571	44895	2.57%	0.289%
3	3.741	123	128	139	rVV2	27633	55920	3.20%	0.360%
4	3.852	141	147	153	rBV2	17251	26285	1.50%	0.169%
5	4.070	178	184	191	rVB3	8670	15414	0.88%	0.099%
6	7.066	688	694	706	rVB	80218	145102	8.31%	0.934%
7	7.201	711	717	724	rVB	57217	91204	5.22%	0.587%
8	7.413	747	753	758	rBV	86143	144931	8.30%	0.933%
9	7.460	758	761	765	rVV2	11689	20476	1.17%	0.132%
10	7.871	822	831	837	rBV	101586	171413	9.81%	1.103%
11	8.600	947	955	963	rVV	79887	136790	7.83%	0.880%
12	9.028	1021	1028	1035	rVV	87462	150754	8.63%	0.970%
13	9.581	1114	1122	1127	rBB	15853	25001	1.43%	0.161%
14	9.751	1145	1151	1160	rBV2	78379	136284	7.80%	0.877%
15	10.309	1238	1246	1253	rBV	110344	192374	11.01%	1.238%
16	10.668	1297	1307	1312	rBV	127384	229691	13.15%	1.478%
17	10.715	1312	1315	1322	rVV2	16157	24431	1.40%	0.157%
18	10.809	1325	1331	1340	rVV3	29213	59568	3.41%	0.383%
19	11.197	1391	1397	1403	rVB4	9356	12973	0.74%	0.083%
20	11.408	1427	1433	1444	rVB	33335	64353	3.68%	0.414%
21	12.084	1542	1548	1555	rBV2	7796	12053	0.69%	0.078%
22	12.330	1584	1590	1596	rVB3	13403	22033	1.26%	0.142%
23	12.548	1622	1627	1634	rVB2	12655	21277	1.22%	0.137%
24	13.329	1755	1760	1766	rVB3	11245	18687	1.07%	0.120%
25	13.829	1840	1845	1850	rVV2	18016	31565	1.81%	0.203%
26	13.917	1850	1860	1866	rVV	200267	299024	17.12%	1.925%
27	13.987	1868	1872	1877	rVV3	8562	12854	0.74%	0.083%
28	14.070	1882	1886	1890	rVV3	7599	11776	0.67%	0.076%
29	14.205	1903	1909	1920	rVB	214610	332700	19.05%	2.141%
30	14.405	1939	1943	1948	rVB2	11030	13384	0.77%	0.086%
31	14.510	1952	1961	1967	rVV	204203	324123	18.55%	2.086%
32	14.575	1967	1972	1980	rVB2	18236	31876	1.82%	0.205%
33	14.710	1990	1995	1996	rBV	36771	44676	2.56%	0.288%
34	14.769	2001	2005	2014	rVB2	39106	72883	4.17%	0.469%
35	14.910	2021	2029	2034	rBV2	24056	45795	2.62%	0.295%
36	14.986	2037	2042	2046	rVV2	8997	13016	0.75%	0.084%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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	15.133	2061	2067	2071	rBV4	8327	16911	0.97%	0.109%
38	15.180	2072	2075	2081	rVB2	7483	11598	0.66%	0.075%
39	15.303	2089	2096	2099	rBV4	13536	23267	1.33%	0.150%
40	15.356	2099	2105	2110	rVB4	9055	16825	0.96%	0.108%
41	15.509	2123	2131	2136	rBV	268021	405646	23.22%	2.611%
42	15.562	2136	2140	2144	rVB2	25018	35206	2.02%	0.227%
43	15.656	2151	2156	2164	rBV	51984	85560	4.90%	0.551%
44	15.768	2171	2175	2181	rVV5	6985	13247	0.76%	0.085%
45	15.856	2185	2190	2196	rVB3	15043	27752	1.59%	0.179%
46	16.003	2211	2215	2222	rVV2	12323	23564	1.35%	0.152%
47	16.091	2223	2230	2237	rVB8	8302	17324	0.99%	0.112%
48	16.244	2248	2256	2264	rVB4	27824	63309	3.62%	0.407%
49	16.614	2316	2319	2325	rVB5	9637	14940	0.86%	0.096%
50	16.796	2342	2350	2355	rBV8	15166	36957	2.12%	0.238%
51	16.919	2367	2371	2377	rBV2	32905	49005	2.81%	0.315%
52	17.013	2380	2387	2390	rVV5	24231	39987	2.29%	0.257%
53	17.078	2395	2398	2403	rVB	20838	31946	1.83%	0.206%
54	17.266	2424	2430	2433	rBV	264299	395990	22.67%	2.549%
55	17.307	2433	2437	2442	rVB	356269	500533	28.65%	3.222%
56	17.366	2442	2447	2451	rBV	306545	442227	25.31%	2.846%
57	17.454	2457	2462	2468	rBV3	17202	34936	2.00%	0.225%
58	17.583	2480	2484	2488	rVB4	12721	21486	1.23%	0.138%
59	17.671	2491	2499	2504	rBV2	35351	70855	4.06%	0.456%
60	17.754	2510	2513	2515	rVV4	16929	19438	1.11%	0.125%
61	17.777	2515	2517	2522	rVB2	12089	15170	0.87%	0.098%
62	17.848	2522	2529	2534	rBV3	22841	40214	2.30%	0.259%
63	17.924	2539	2542	2545	rBV4	12388	17979	1.03%	0.116%
64	18.141	2574	2579	2584	rVV	77906	155429	8.90%	1.000%
65	18.188	2584	2587	2592	rVB	108251	162289	9.29%	1.045%
66	18.276	2598	2602	2607	rVB2	18235	22175	1.27%	0.143%
67	18.335	2607	2612	2616	rBV3	96908	186606	10.68%	1.201%
68	18.370	2616	2618	2623	rVB	60242	81362	4.66%	0.524%
69	18.447	2627	2631	2636	rBV4	25549	42725	2.45%	0.275%
70	18.494	2636	2639	2643	rVV6	14672	24979	1.43%	0.161%
71	18.535	2643	2646	2651	rVB5	15153	22622	1.29%	0.146%
72	18.641	2660	2664	2669	rBV	56588	83628	4.79%	0.538%
73	18.694	2669	2673	2678	rVB	63245	89445	5.12%	0.576%
74	18.887	2703	2706	2710	rVV	30058	40315	2.31%	0.259%
75	18.940	2712	2715	2718	rVV	32598	46121	2.64%	0.297%
76	18.982	2718	2722	2726	rVB2	25824	34748	1.99%	0.224%

LSC Area Percent Report

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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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

77	19.064	2731	2736	2741	rBV2	79299	149131	8.54%	0.960%
78	19.152	2749	2751	2755	rVB	27850	32750	1.87%	0.211%
79	19.205	2755	2760	2768	rBV3	57163	132533	7.59%	0.853%
80	19.328	2775	2781	2787	rVB	749379	1033772	59.18%	6.654%
81	19.387	2787	2791	2793	rBV	25112	36371	2.08%	0.234%
82	19.422	2794	2797	2801	rVB3	25345	38762	2.22%	0.249%
83	19.657	2832	2837	2840	rBV2	452545	706987	40.47%	4.550%
84	19.692	2840	2843	2850	rVB	552953	732084	41.91%	4.712%
85	19.757	2851	2854	2858	rBV2	47458	69786	3.99%	0.449%
86	19.863	2870	2872	2878	rVB	34938	59473	3.40%	0.383%
87	19.927	2880	2883	2890	rVB2	38110	64458	3.69%	0.415%
88	20.016	2892	2898	2906	rBV5	63034	182491	10.45%	1.175%
89	20.139	2916	2919	2922	rBV4	42743	73577	4.21%	0.474%
90	20.186	2923	2927	2931	rVB2	113255	180156	10.31%	1.160%
91	20.280	2940	2943	2947	rBV	53771	79085	4.53%	0.509%
92	20.480	2974	2977	2981	rBV	52342	75140	4.30%	0.484%
93	20.944	3052	3056	3060	rVB	89457	127446	7.30%	0.820%
94	21.267	3108	3111	3117	rVB	93533	137725	7.88%	0.886%
95	21.408	3132	3135	3140	rVB	113614	145726	8.34%	0.938%
96	21.514	3147	3153	3159	rBV4	446296	1152655	65.98%	7.419%
97	21.573	3159	3163	3175	rVB	356840	624894	35.77%	4.022%
98	23.653	3510	3517	3524	rBV	250293	776287	44.44%	4.996%
99	24.416	3643	3647	3653	rVB	101084	184598	10.57%	1.188%
100	24.634	3676	3684	3693	rBV2	166730	474205	27.15%	3.052%

Sum of corrected areas: 15536892

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
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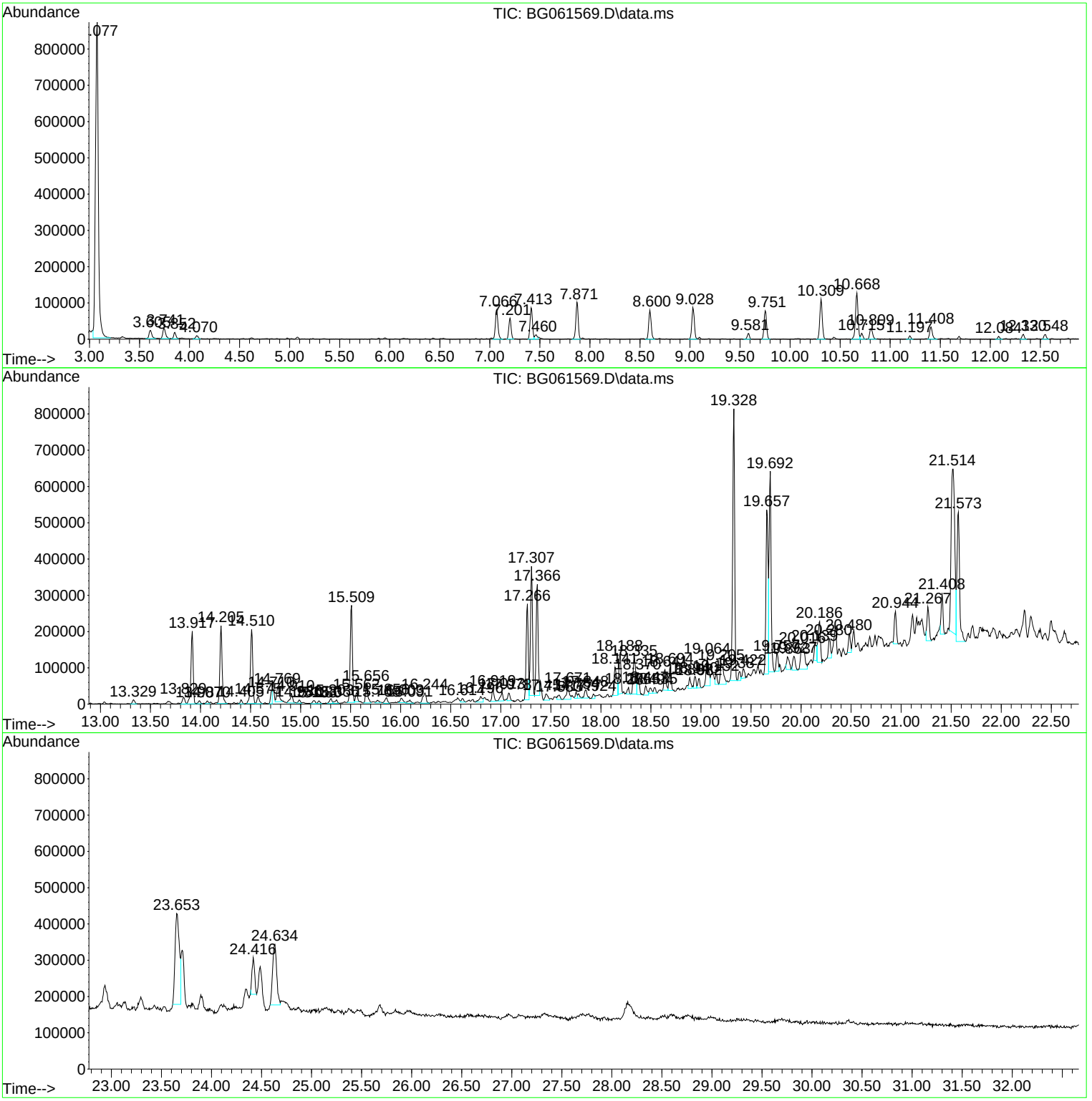
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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 : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

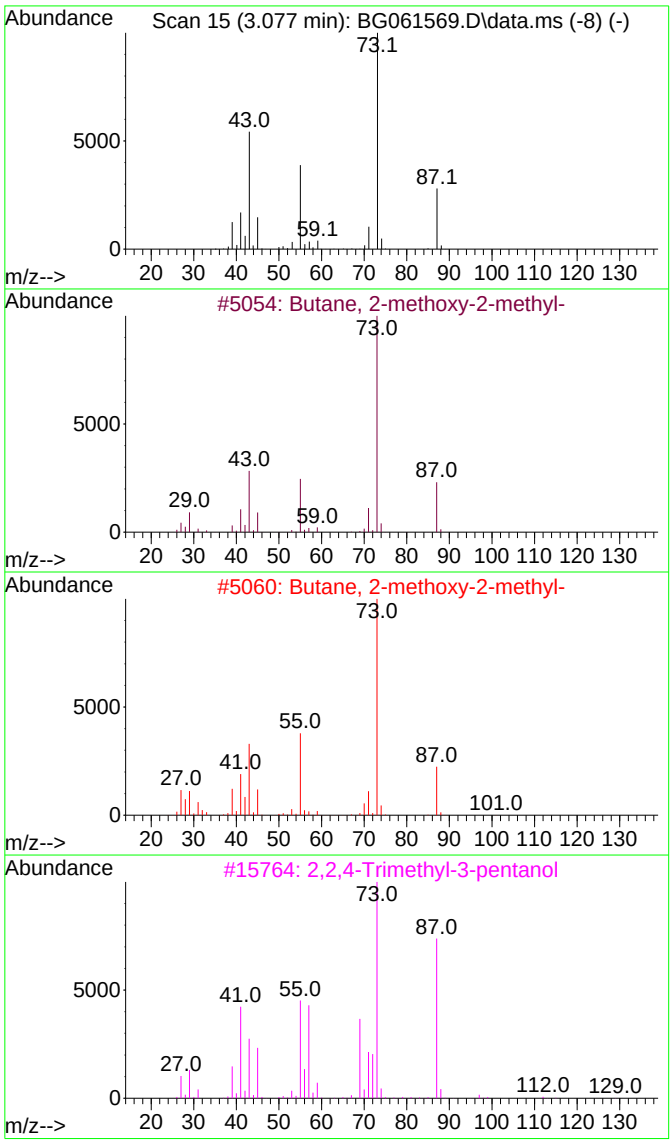
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

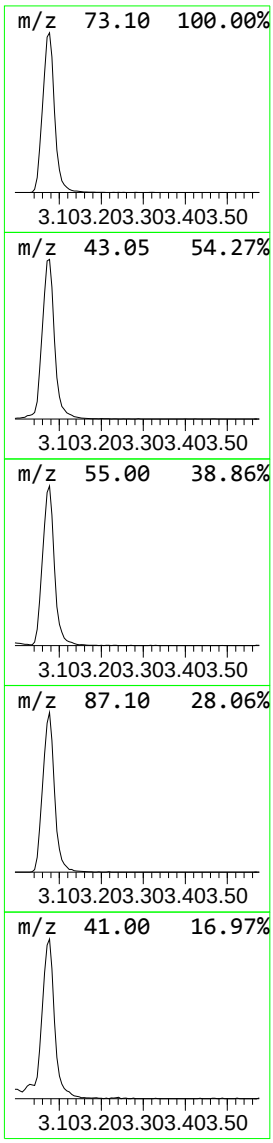
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.077	203.82 ng/ul	1746900	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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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

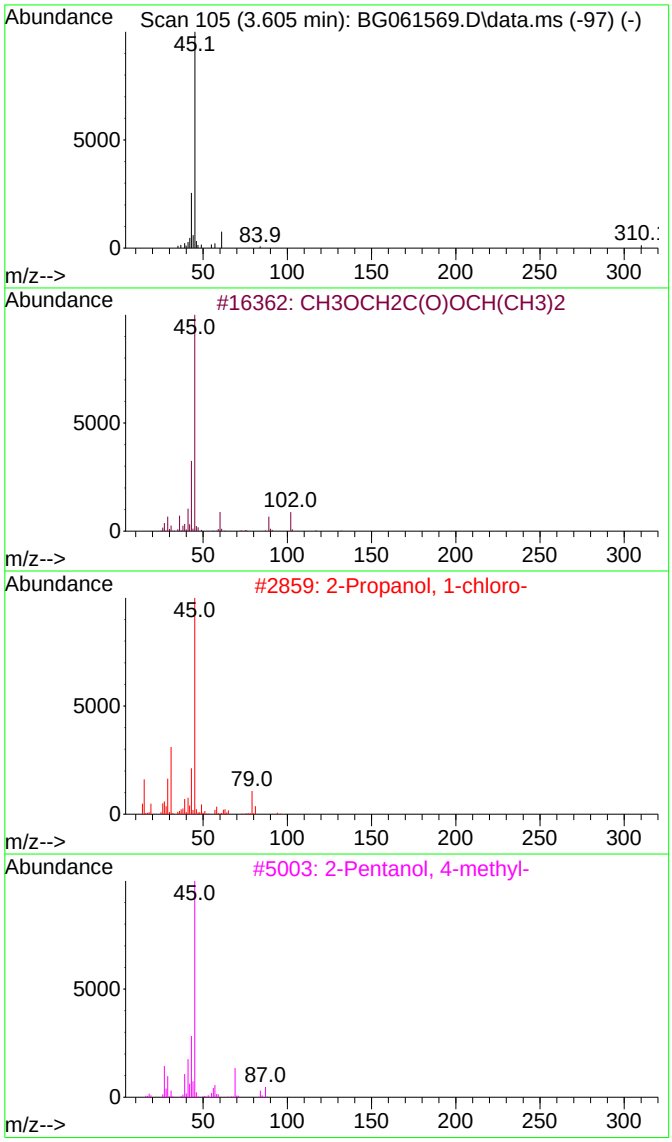
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

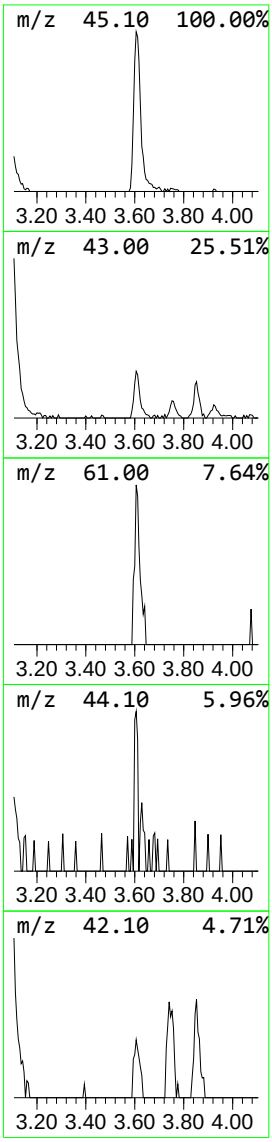
****

Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.605	5.24 ng/ul	44895	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CH3OCH2C(O)OCH(CH3)2	132	C6H12O3	017640-21-0	9
2	2-Propanol, 1-chloro-	94	C3H7ClO	000127-00-4	9
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	9
4	Paraldehyde	132	C6H12O3	000123-63-7	9
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9





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ALS Vial : 8 Sample Multiplier: 1

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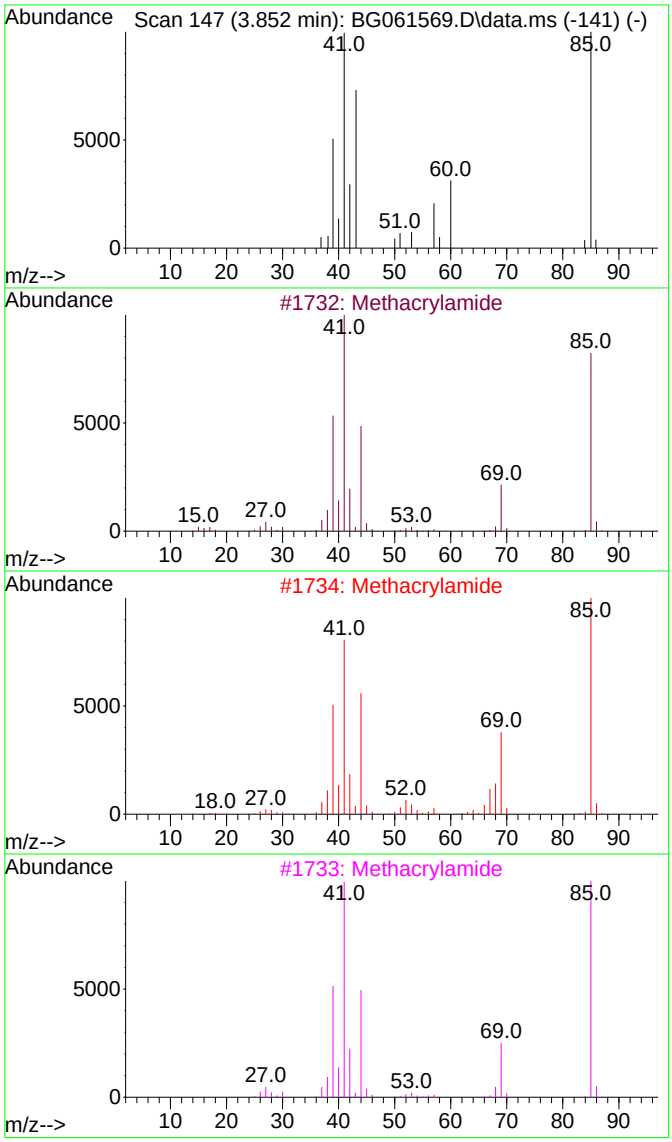
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

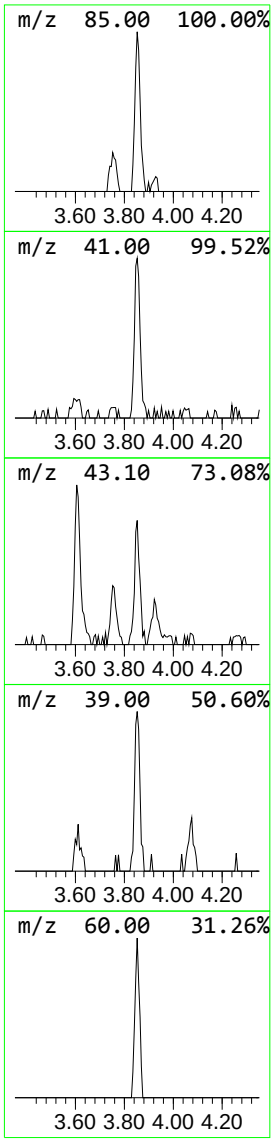
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methacrylamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.852	3.07 ng/ul	26285	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	59
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	Methacrylamide	85	C4H7NO	000079-39-0	50
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	38
5	trans-Crotonamide	85	C4H7NO	000625-37-6	36





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ALS Vial : 8 Sample Multiplier: 1

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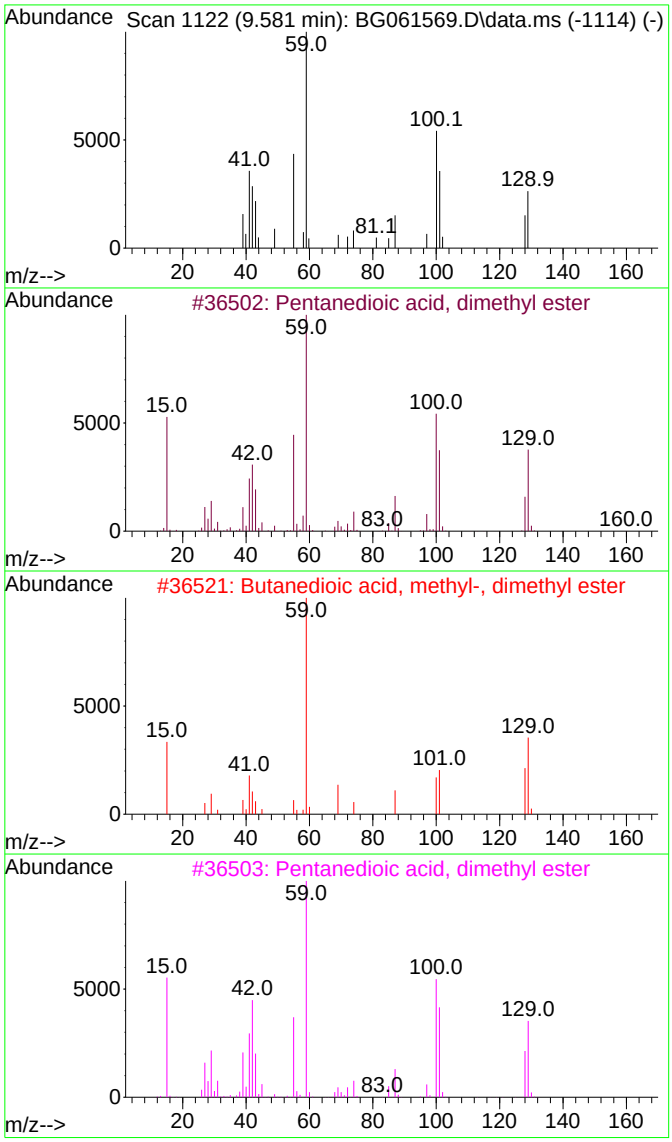
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

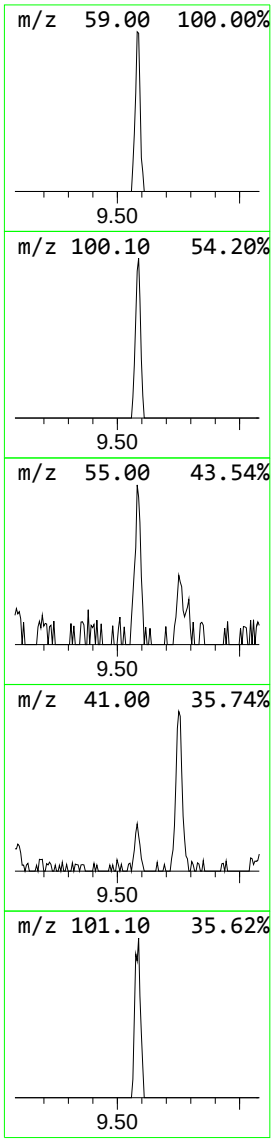
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentanedioic acid, dimethyl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	2.18 ng/ul	25001	Naphthalene-d8	10.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	90
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	53
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	50
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
5	Piperidine, 1-hydroxy-	101	C5H11NO	004801-58-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

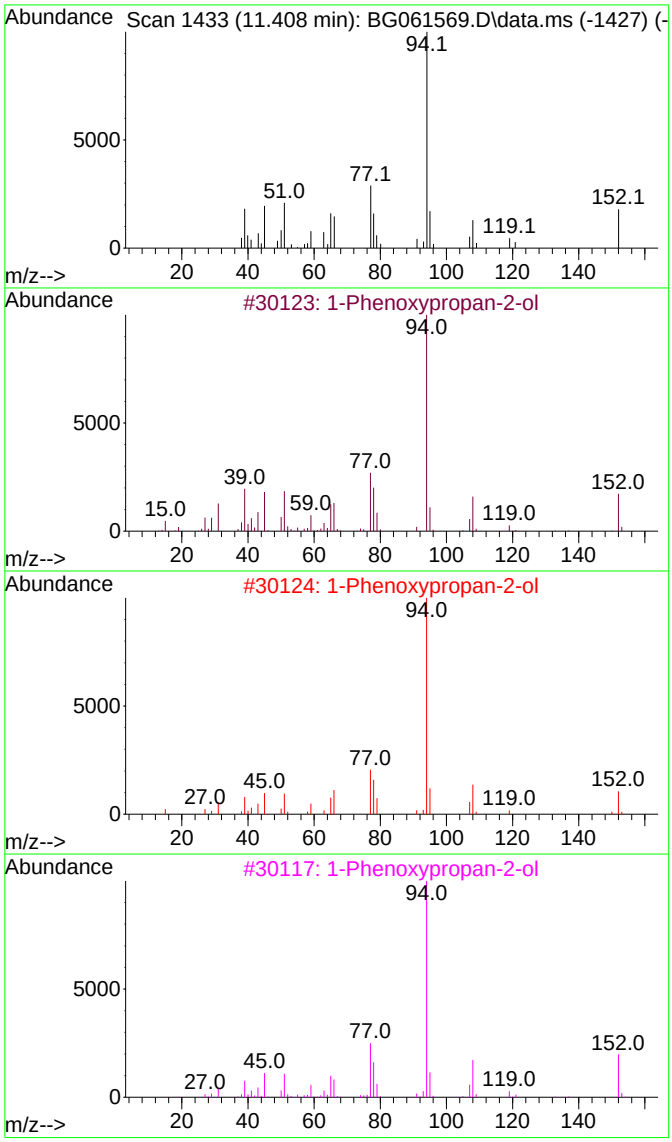
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

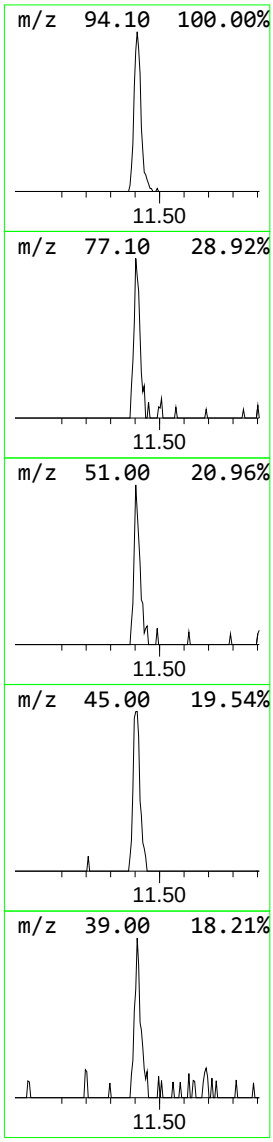
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Phenoxypropan-2-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	5.60 ng/ul	64353	Naphthalene-d8	10.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	80





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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Quant Title : SVOA CALIBRATION

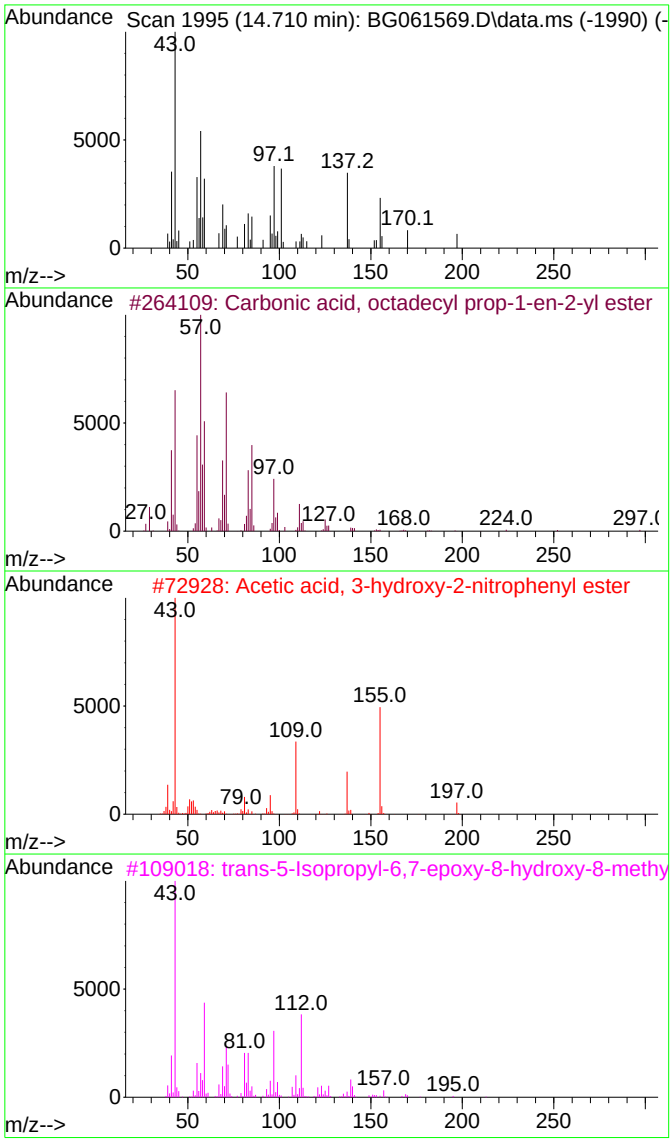
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

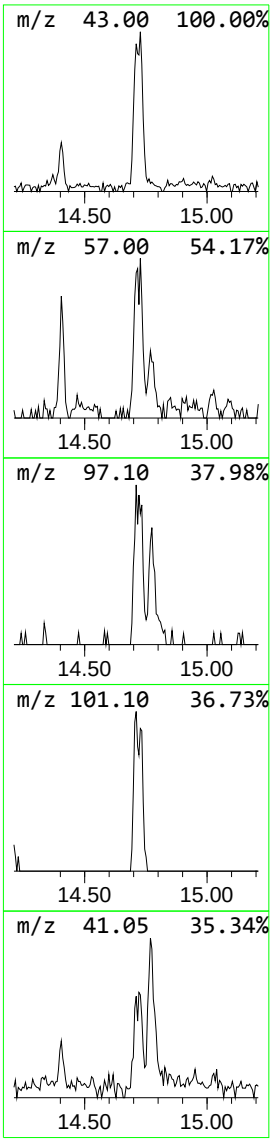
****

Peak Number 6 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.710	2.76 ng/ul	44676	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	14
2	Acetic acid, 3-hydroxy-2-nitroph...	197	C8H7NO5	1000269-41-1	14
3	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	12
4	Pivalamide, N-methallyl-	155	C9H17NO	1000345-72-5	11
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	10





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Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

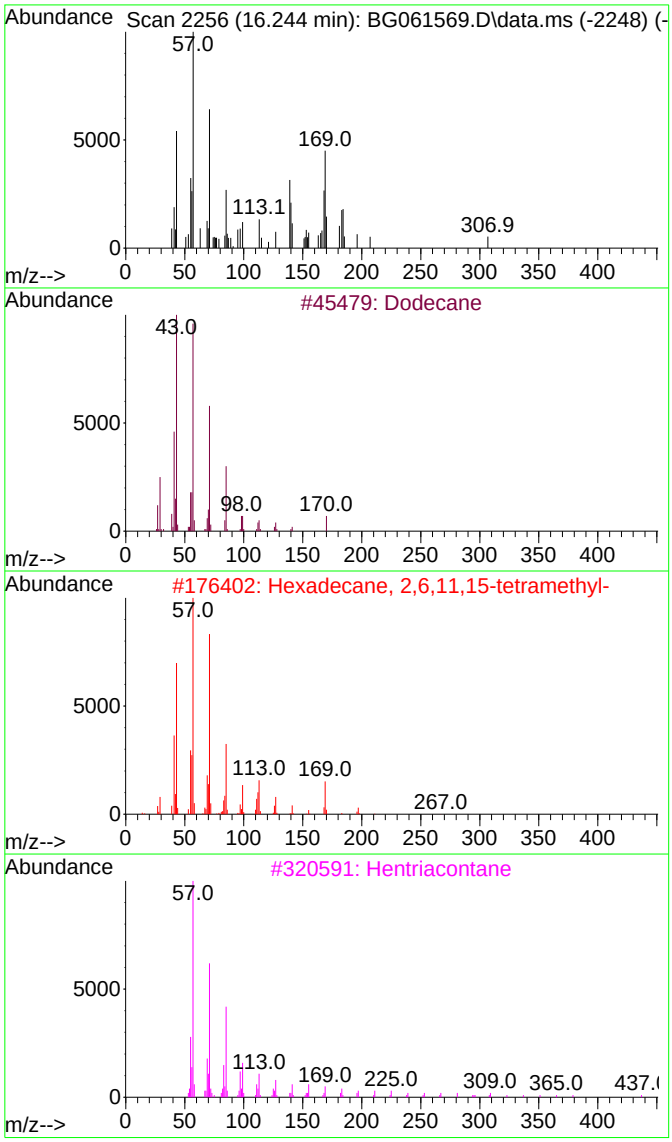
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

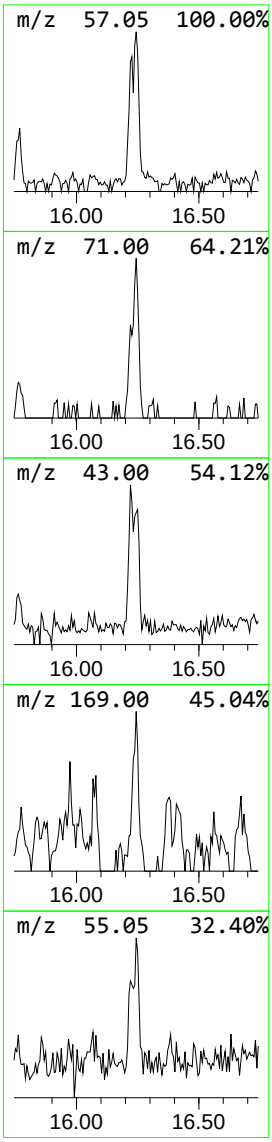
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.244	3.20 ng/ul	63309	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	22
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	22
3	Hentriacontane	437	C31H64	000630-04-6	22
4	Octadecane	254	C18H38	000593-45-3	22
5	Formamide, N-(2,4,6-triamino-5-p...	168	C5H8N6O	024867-33-2	18





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Sample : P2647-09
Misc :
ALS Vial : 8 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

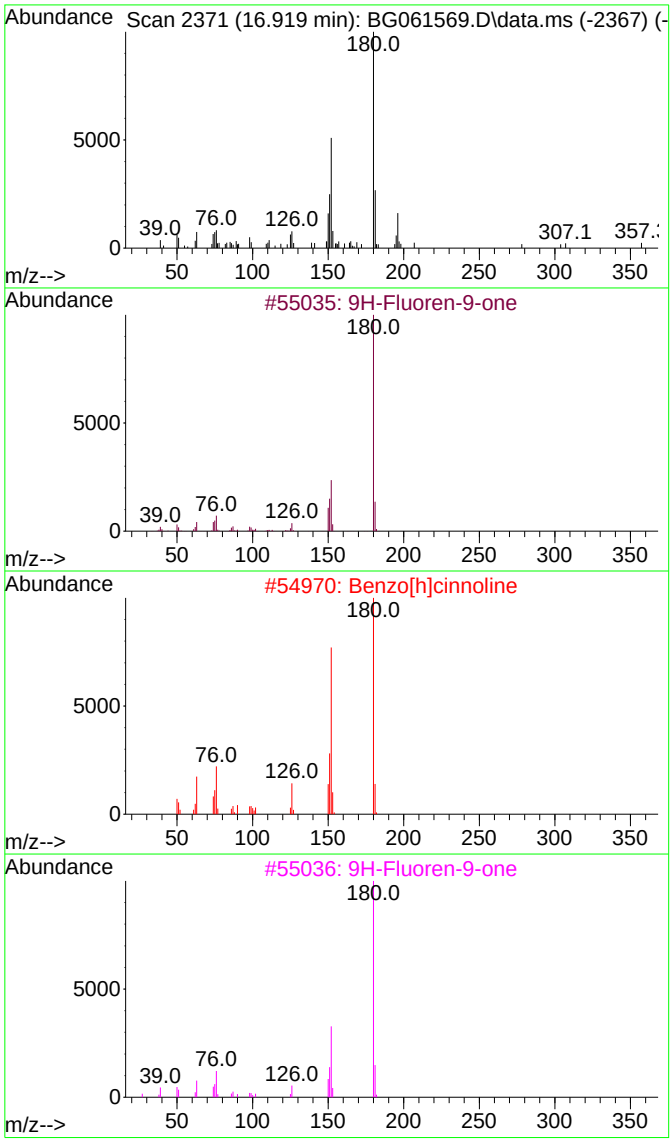
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

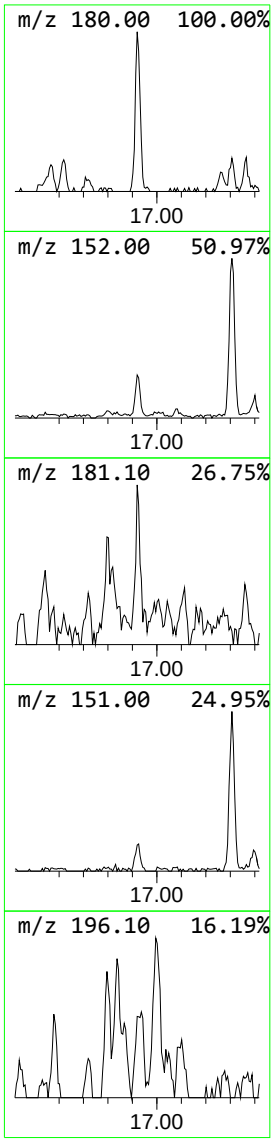
****

Peak Number 8 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	2.48 ng/ul	49005	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

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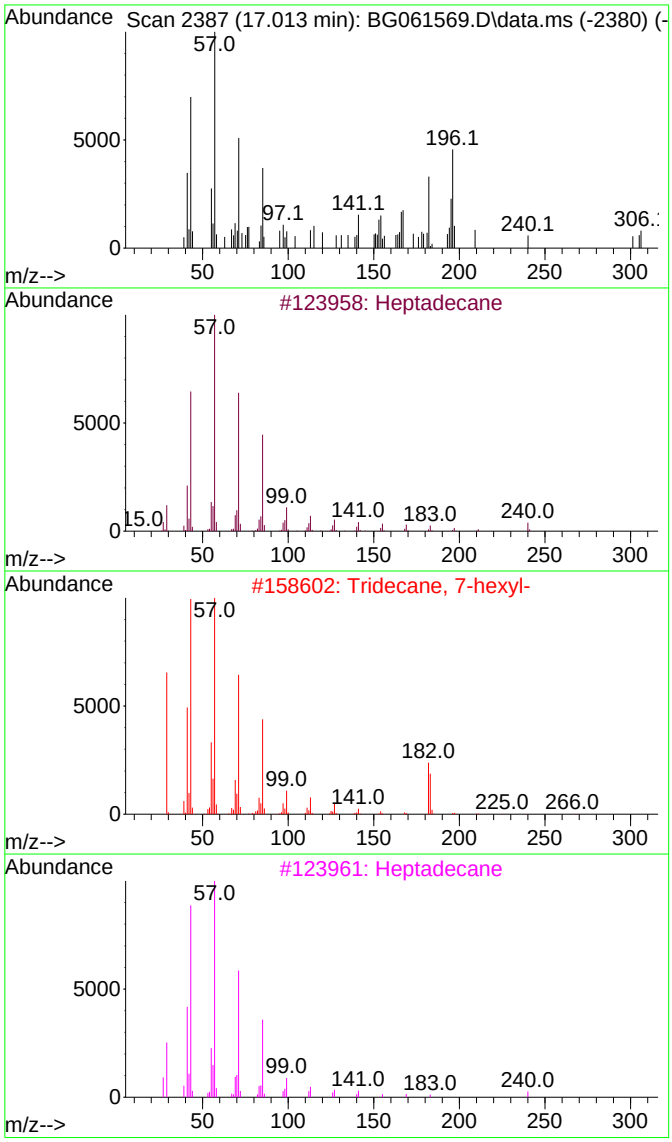
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

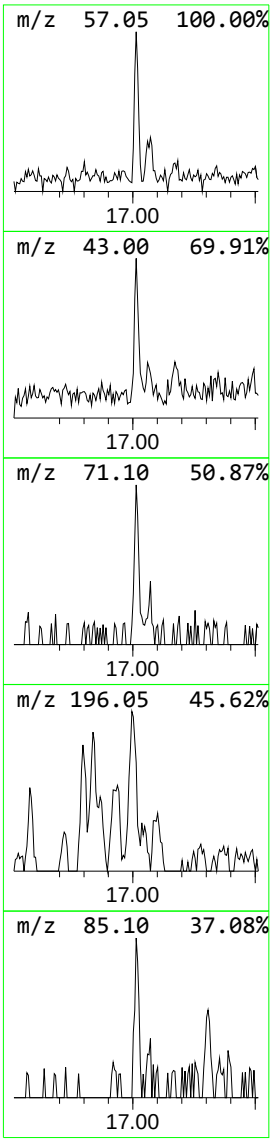
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.013	2.02 ng/ul	39987	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	38
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	30
3	Heptadecane	240	C17H36	000629-78-7	30
4	Eicosane	282	C20H42	000112-95-8	25
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25





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Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

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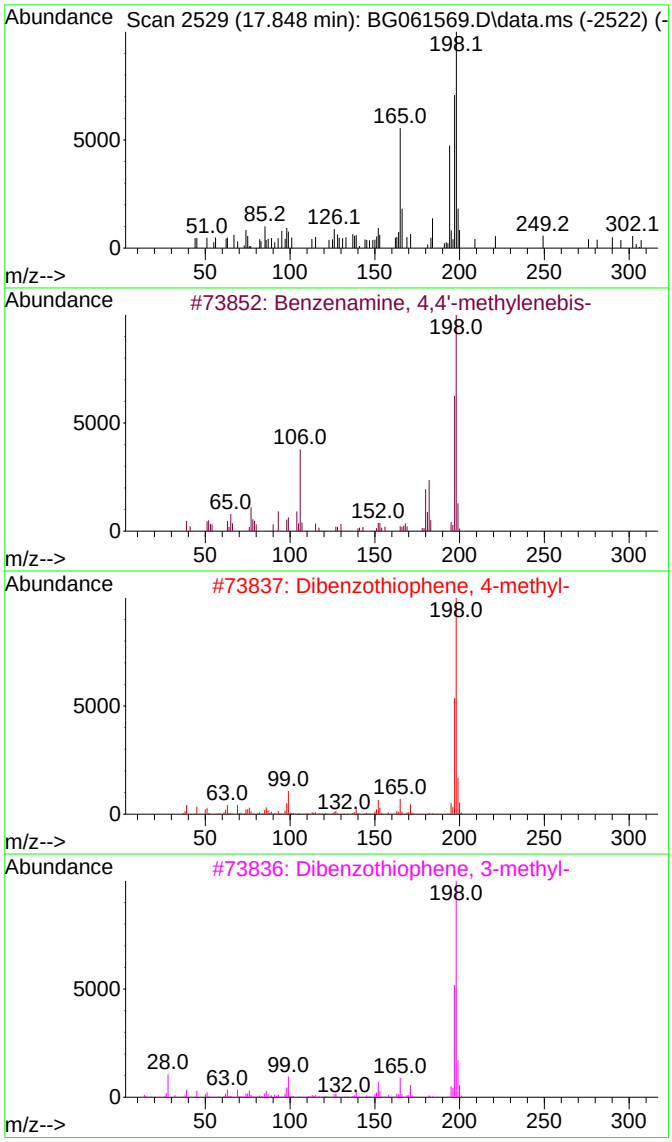
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

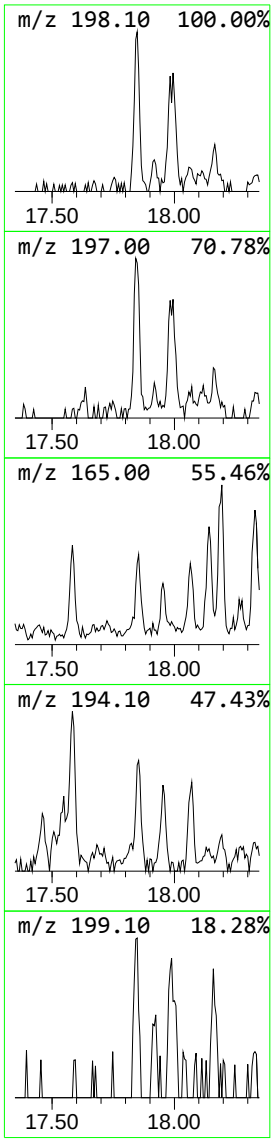
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzenamine, 4,4'-methylene... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.848	2.03 ng/ul	40214	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	50
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	50
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50
5	4,6,8-Trimethyl-1-azulenecarbald...	198	C14H14O	000832-62-2	49





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Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 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 11 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.141	7.85 ng/ul	155429	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
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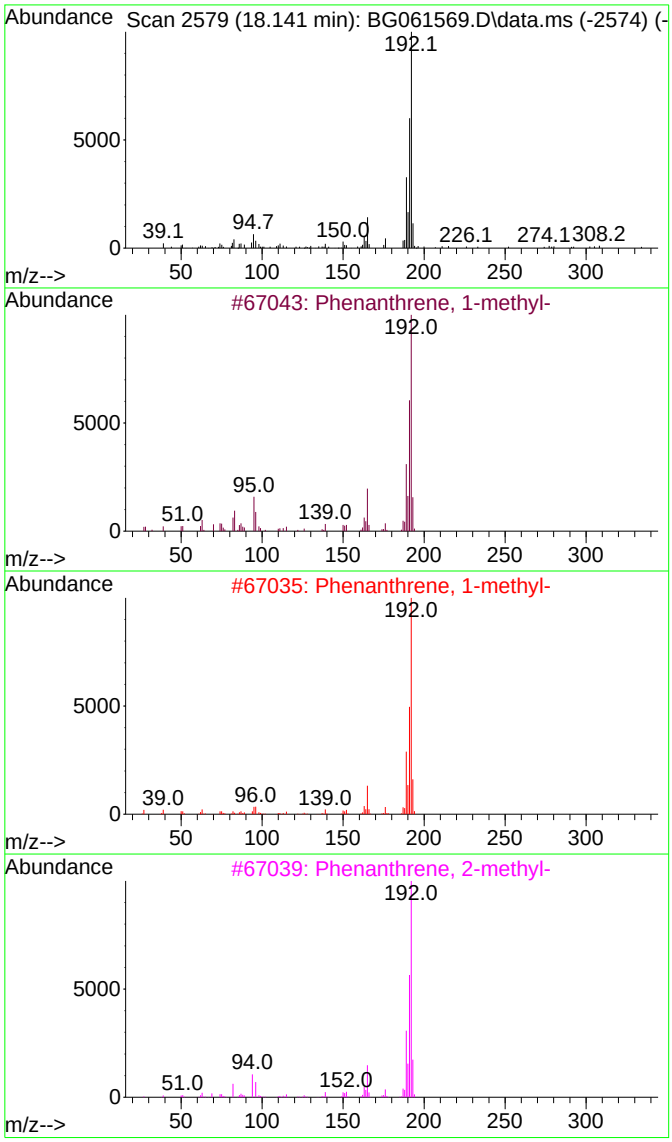

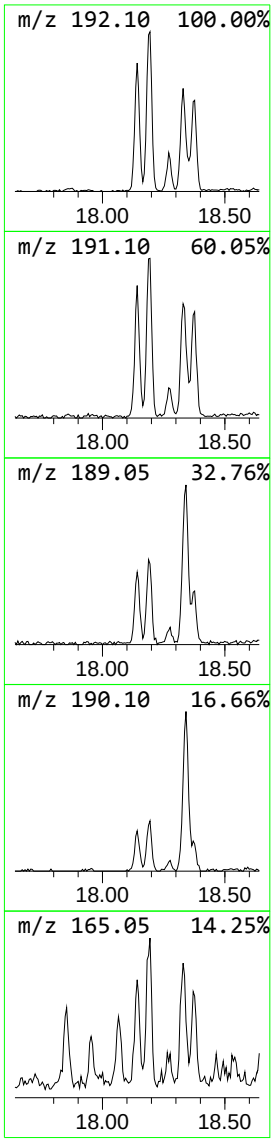

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Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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

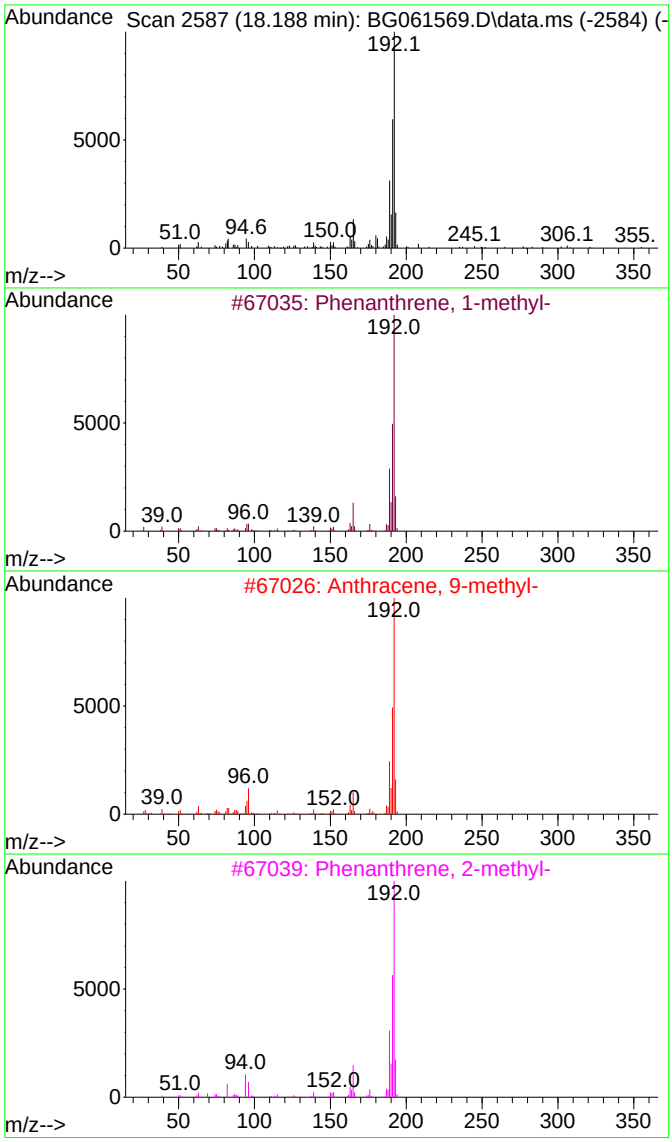
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

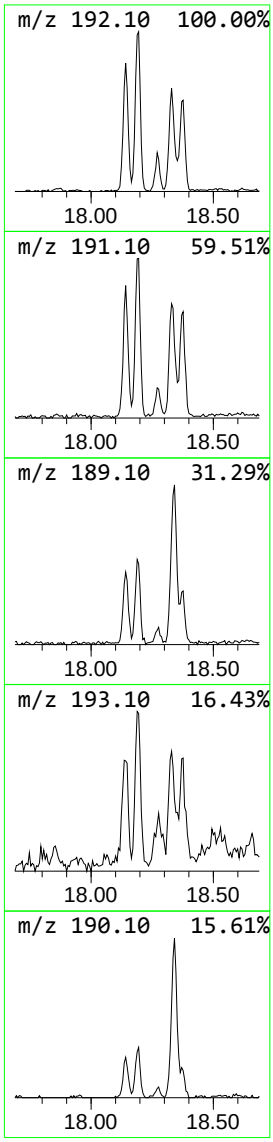
****

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	8.20 ng/ul	162289	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

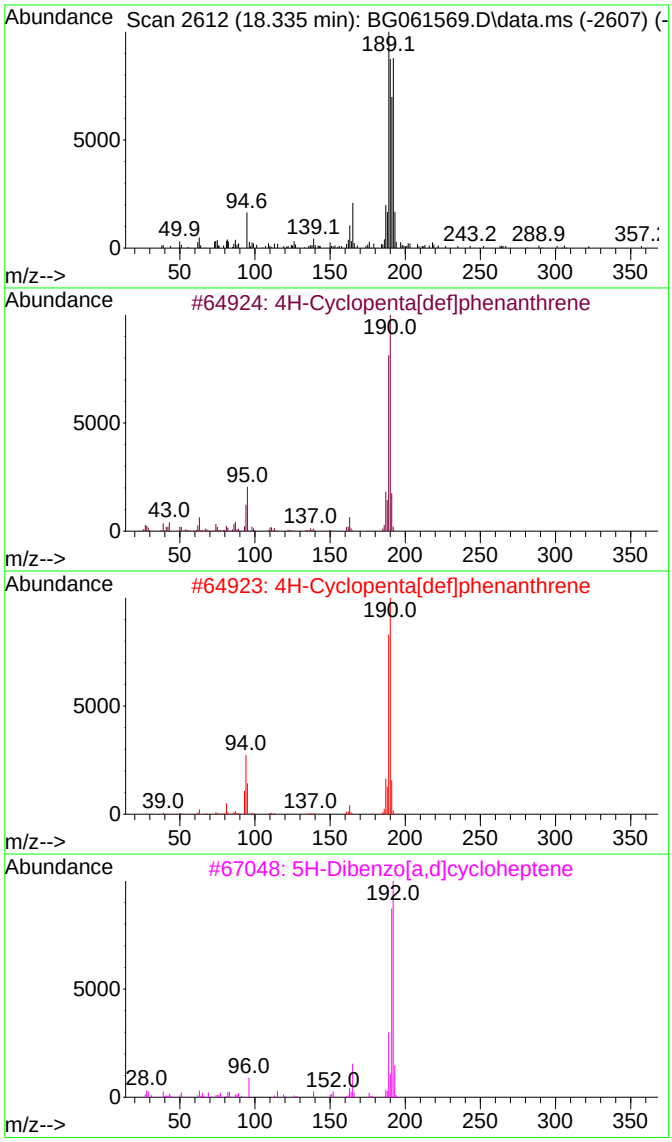
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

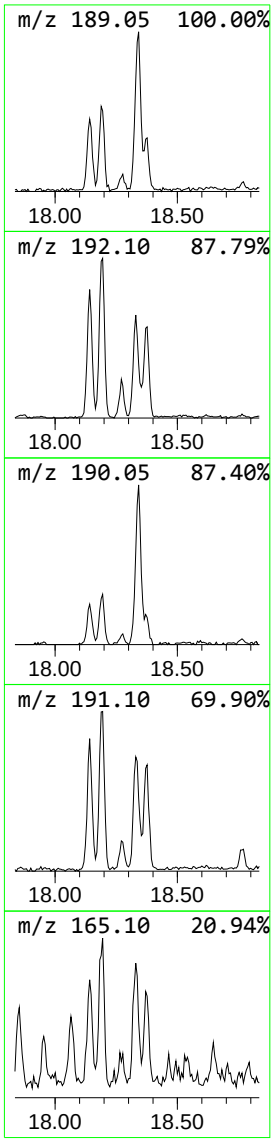
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.335	9.42 ng/ul	186606	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38





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Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

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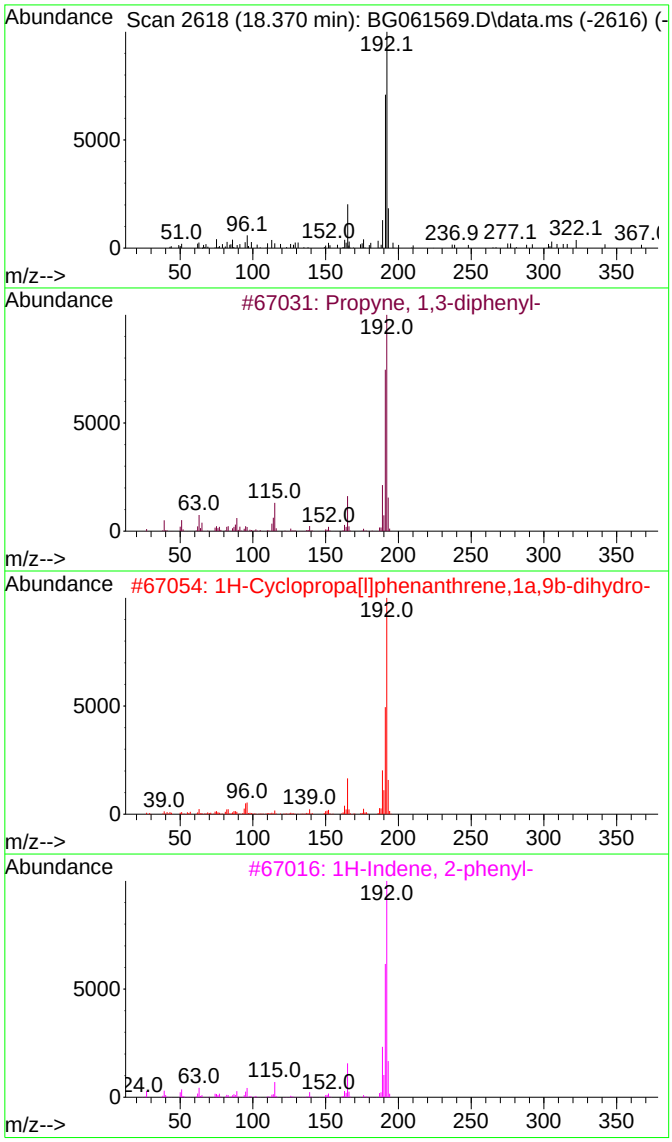
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

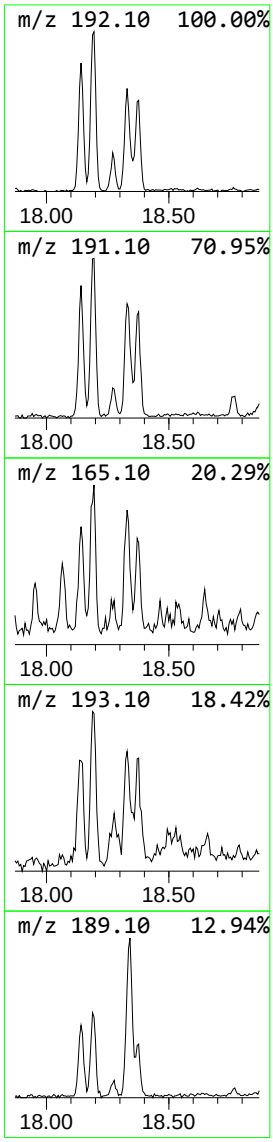
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Propyne, 1,3-diphenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	4.11 ng/ul	81362	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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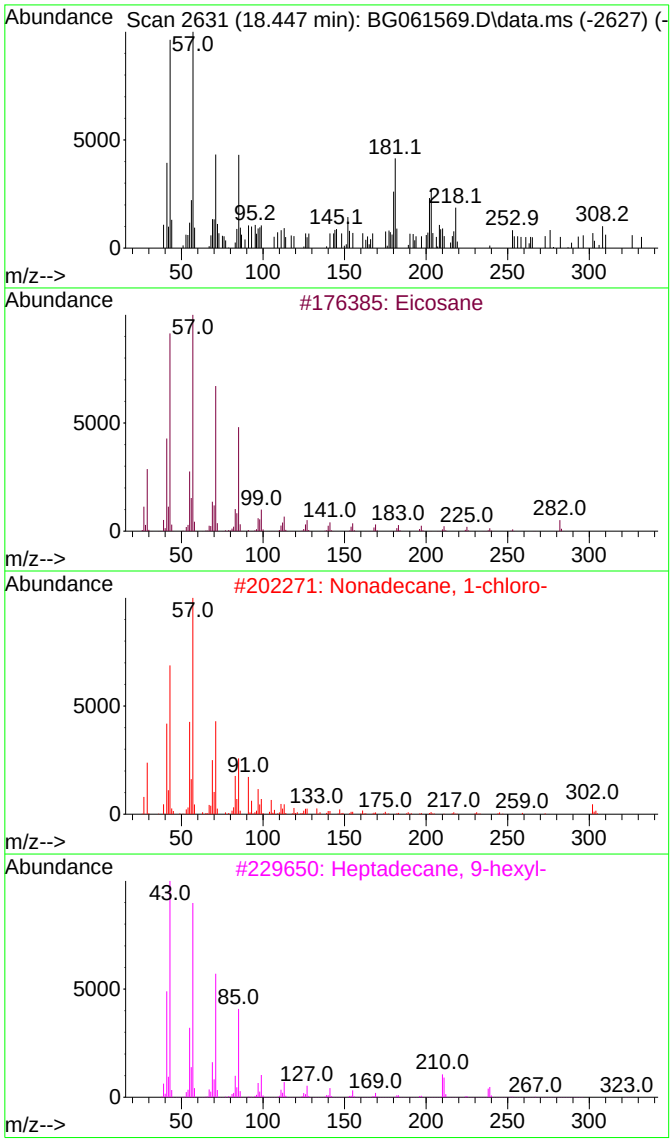
Quant Title : SVOA CALIBRATION

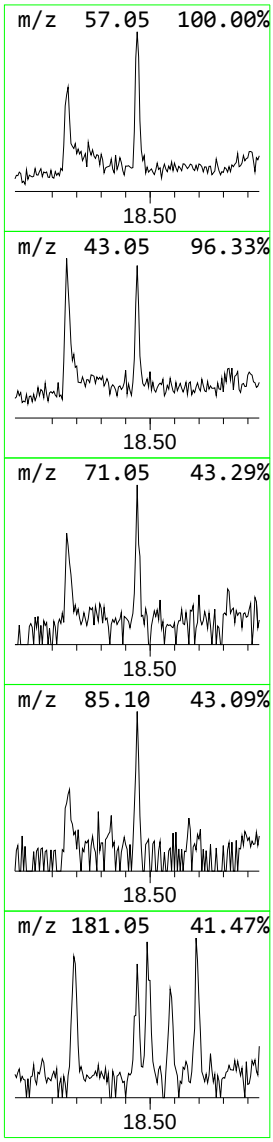
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	2.16 ng/ul	42725	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	38
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	38
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	30
4	Octadecane	254	C18H38	000593-45-3	30
5	Nonane	128	C9H20	000111-84-2	30





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Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

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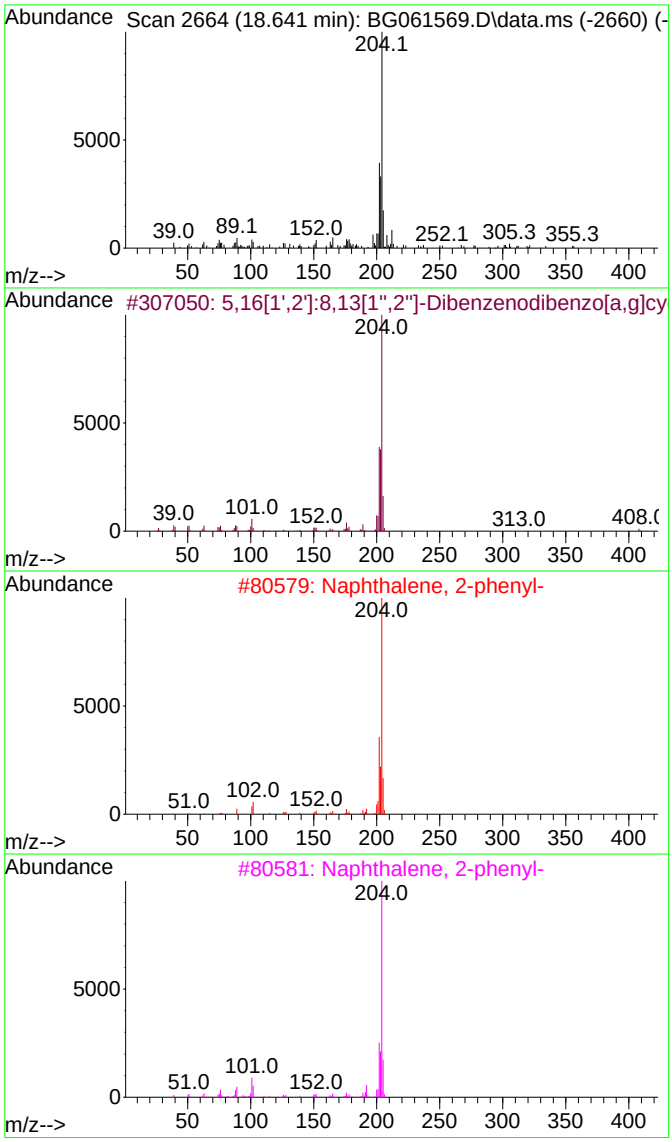
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

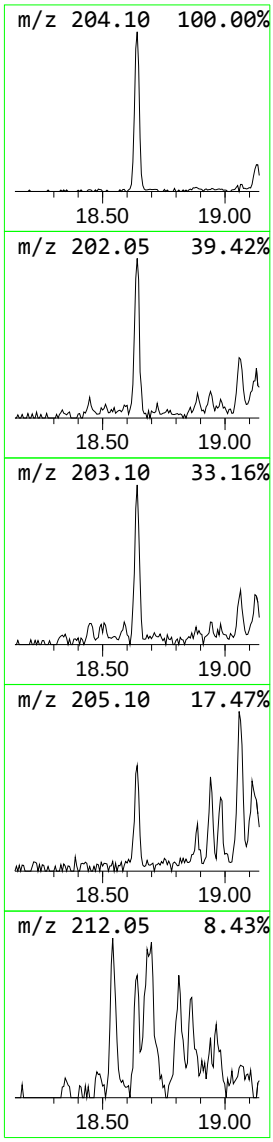
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.641	4.22 ng/ul	83628	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52





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Acq On : 8 Jun 2024 17:35
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Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

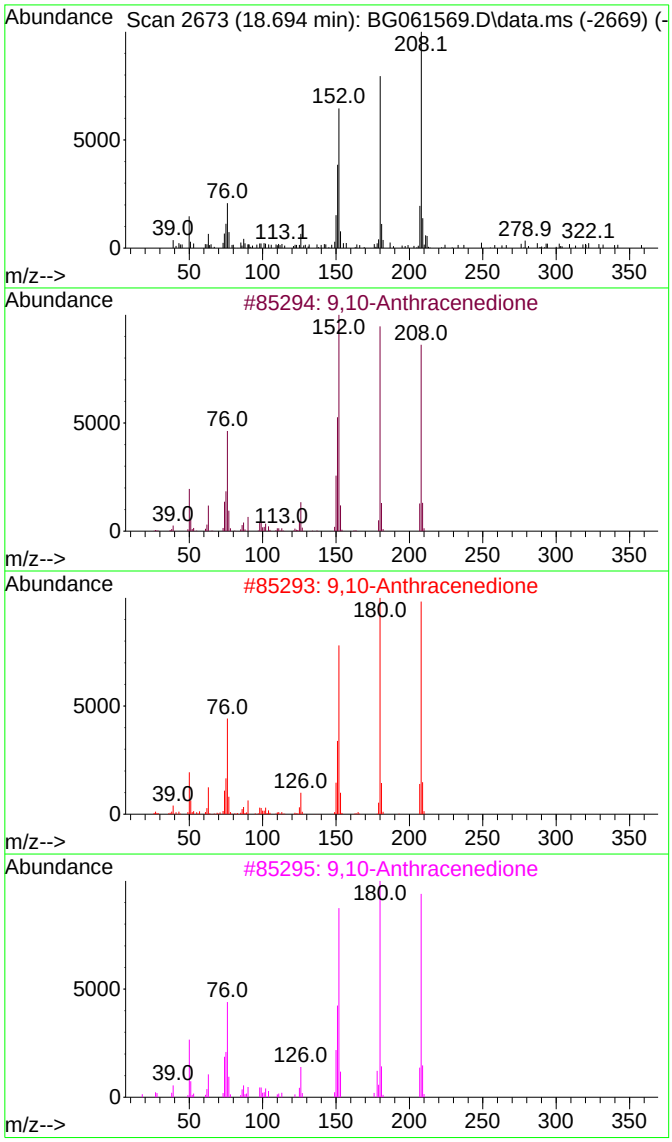
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

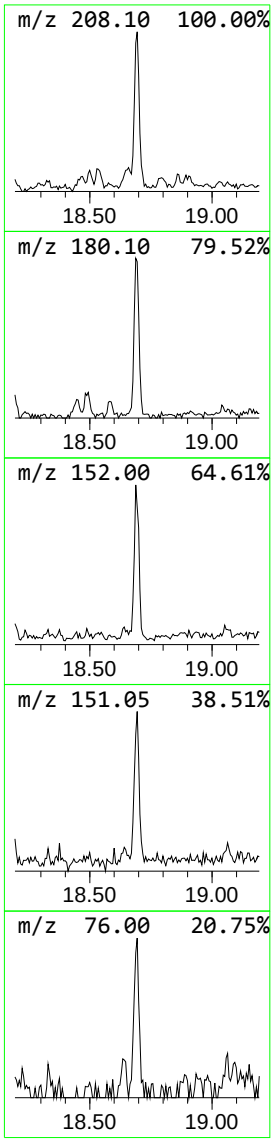
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.694	4.52 ng/ul	89445	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55





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Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

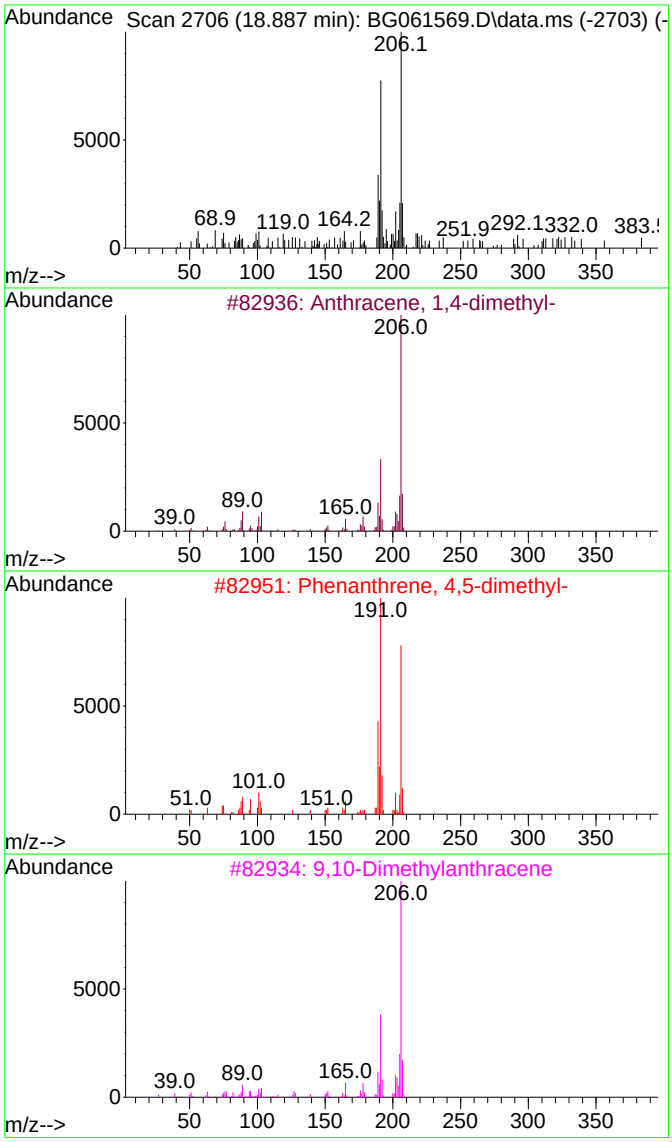
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

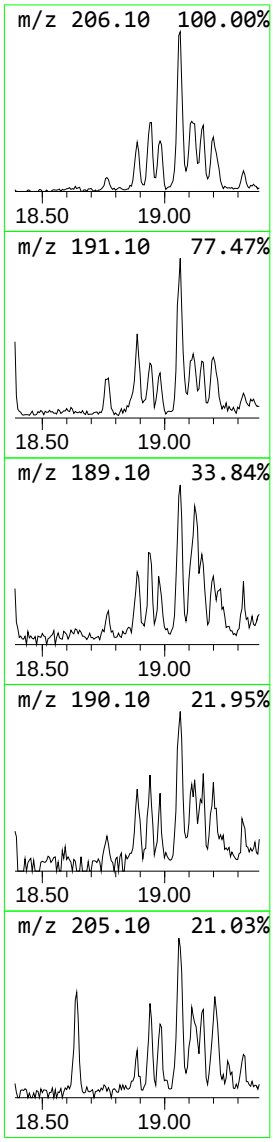
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Anthracene, 1,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.887	2.04 ng/ul	40315	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	86





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

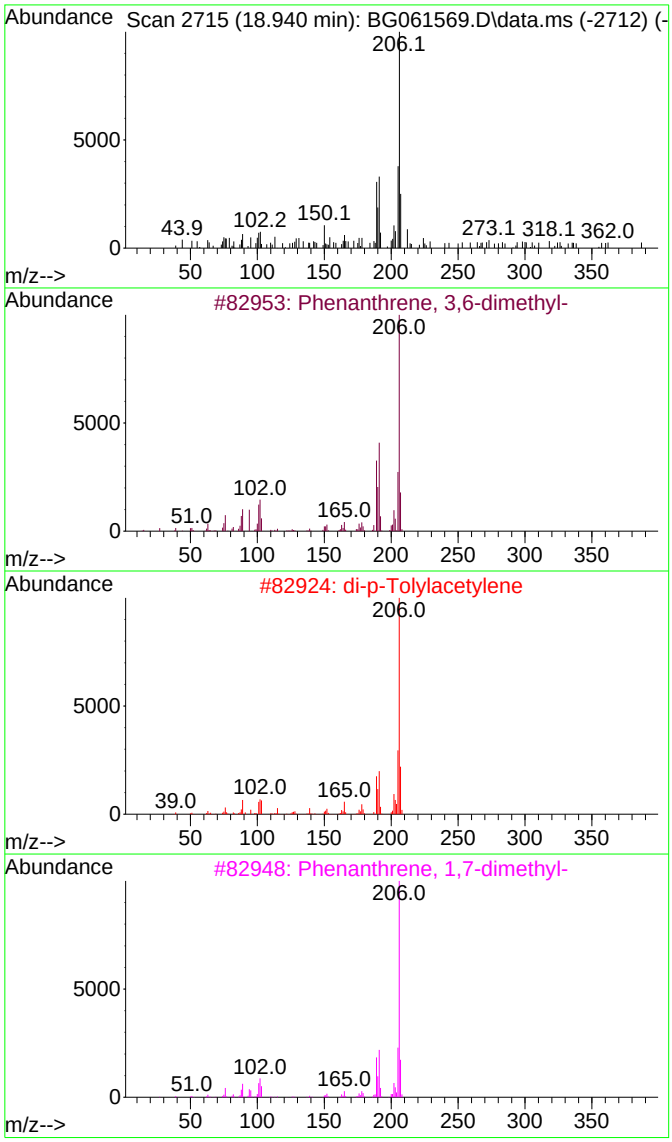
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

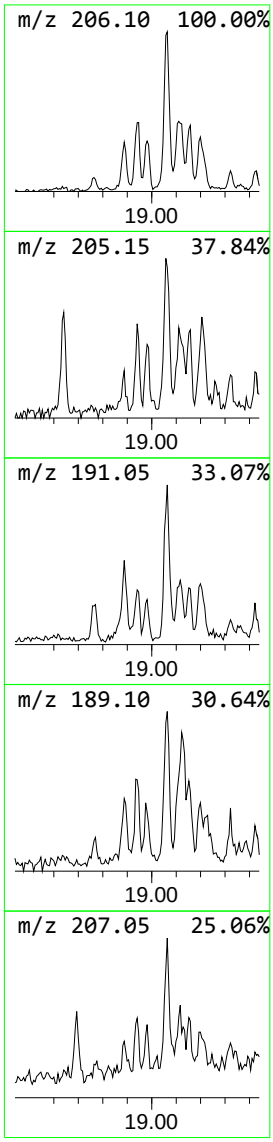
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.940	2.33 ng/ul	46121	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

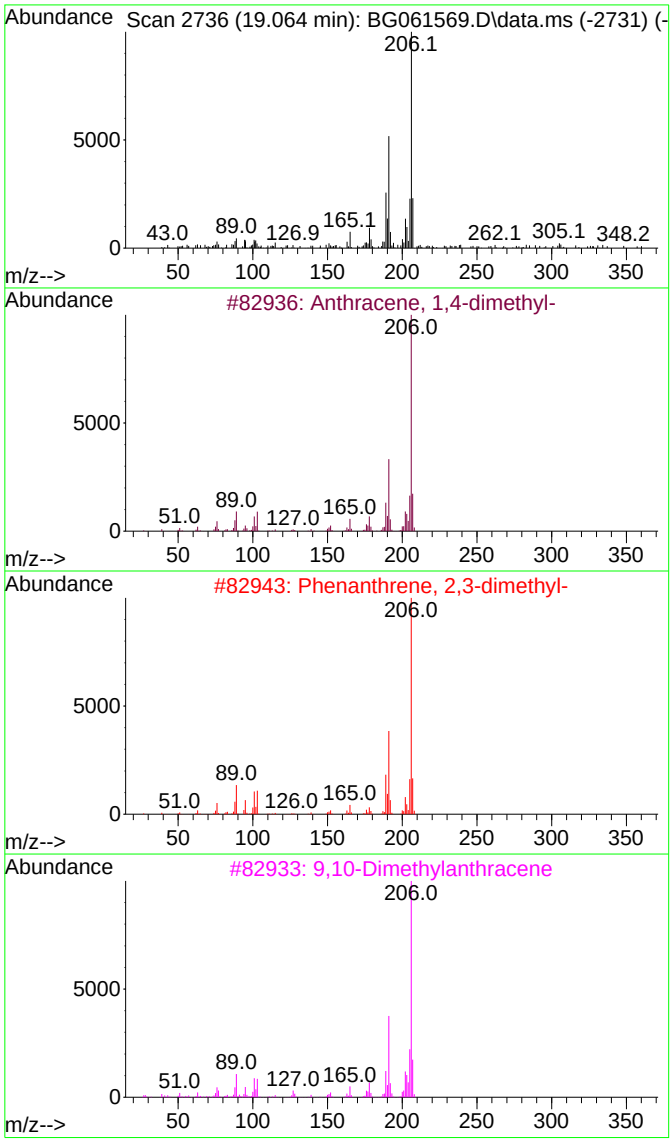
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

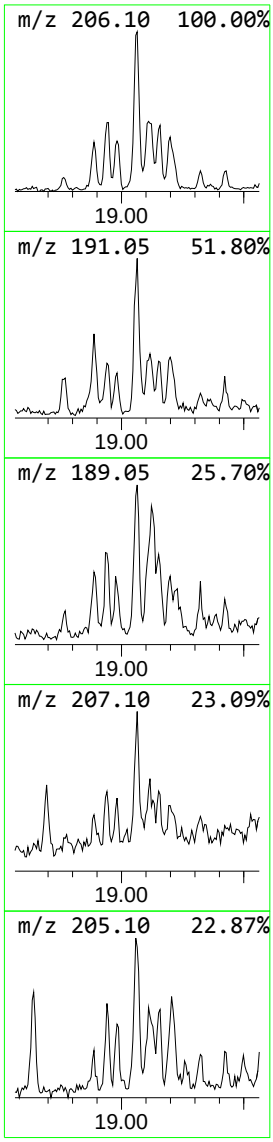
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.064	7.53 ng/ul	149131	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

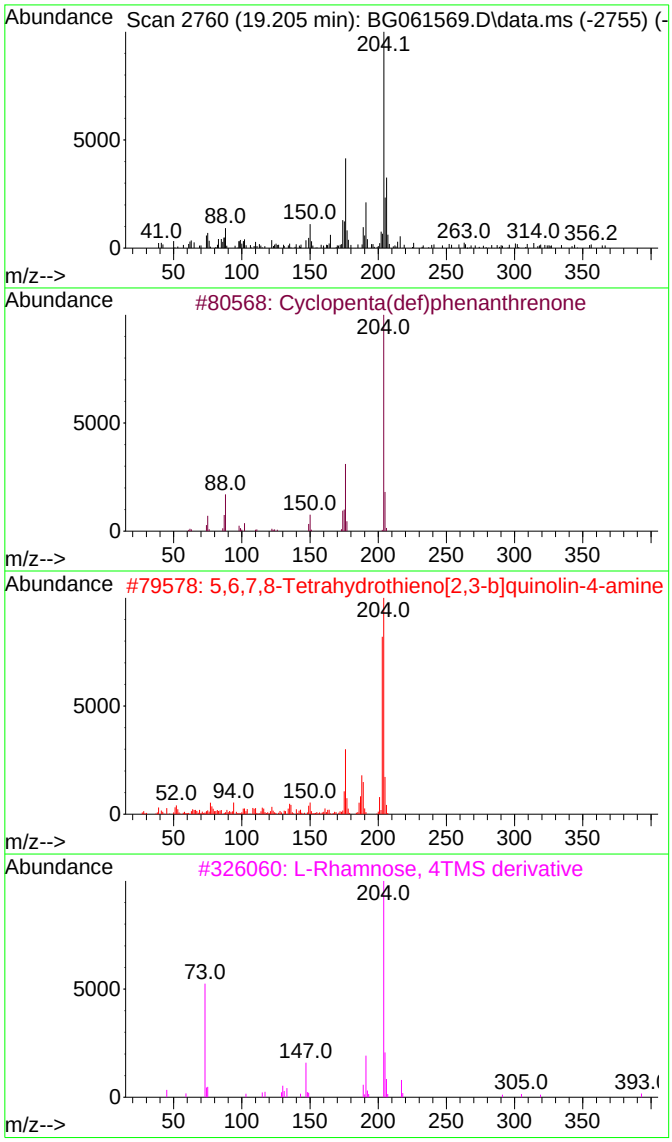
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

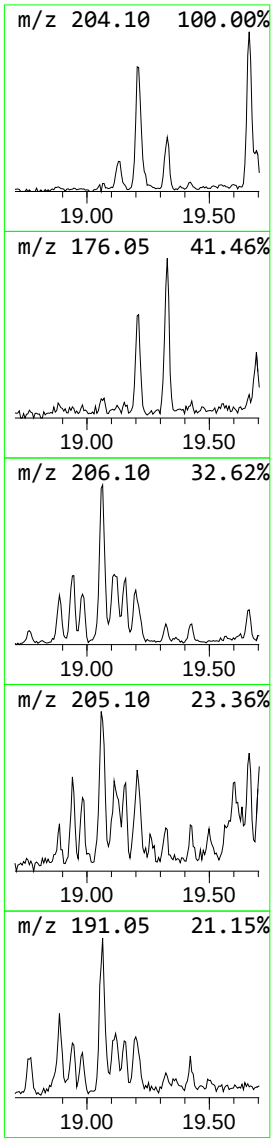
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.205	6.69 ng/ul	132533	Phenanthrene-d10	17.266

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	58
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	1-Aminocyclopentanecarboxylic ac...	431	C23H42ClNO4	1000392-63-0	43





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

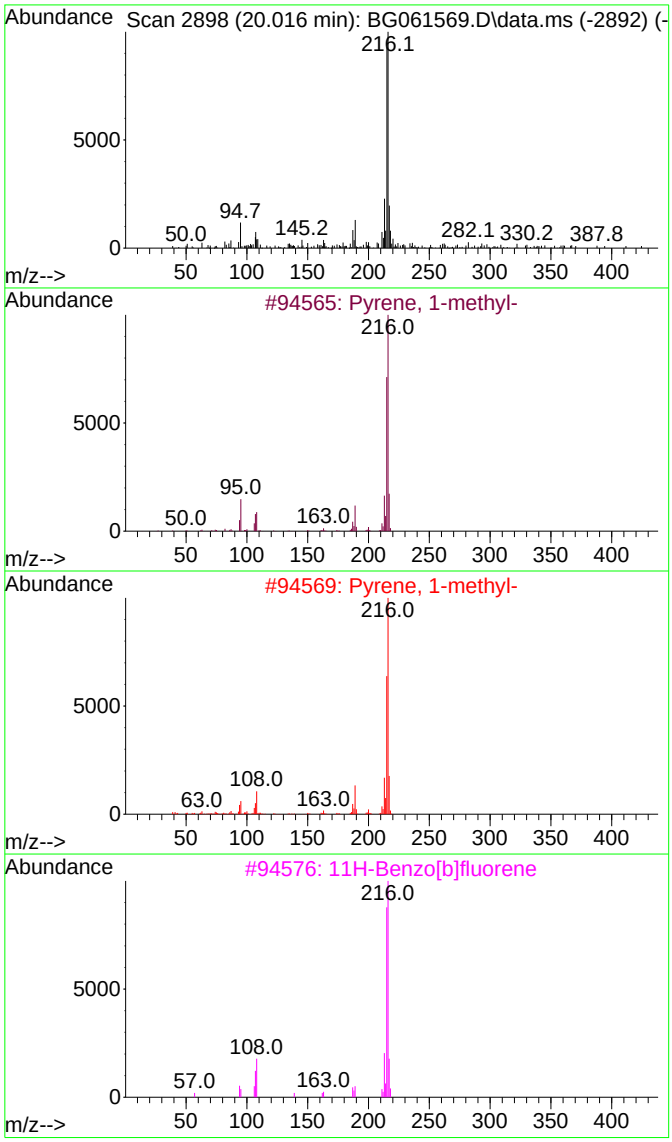
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

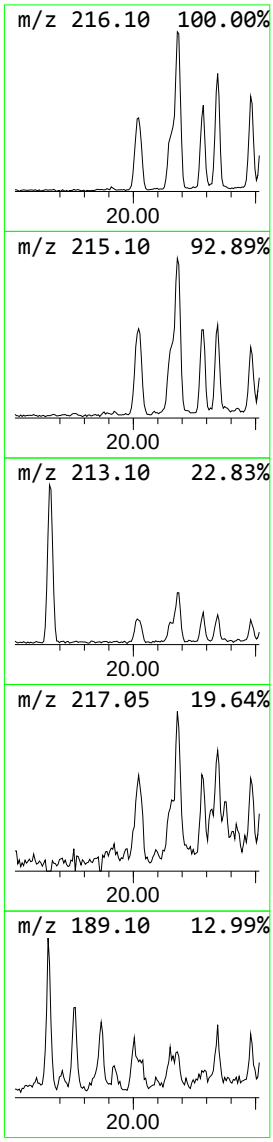
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.016	3.17 ng/ul	182491	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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

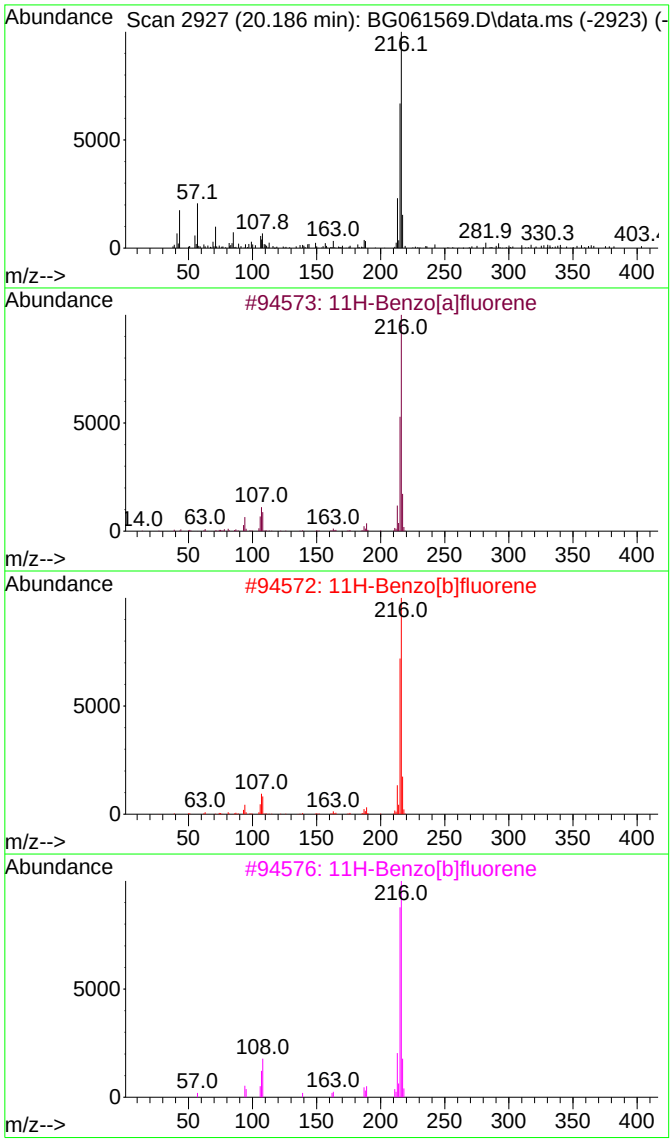
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

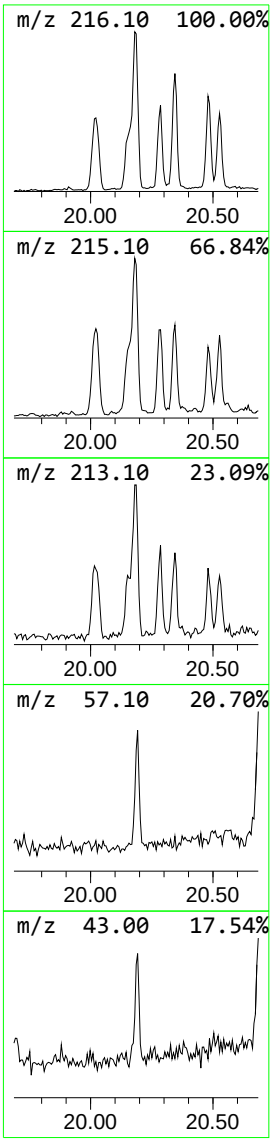
****

Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	3.13 ng/ul	180156	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

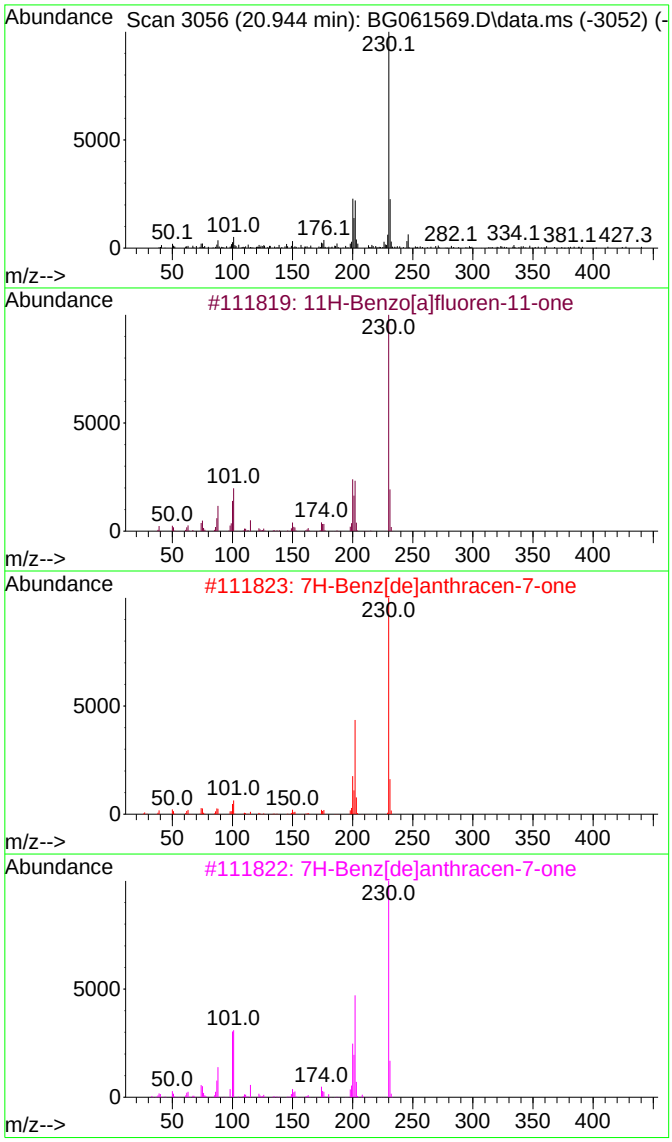
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

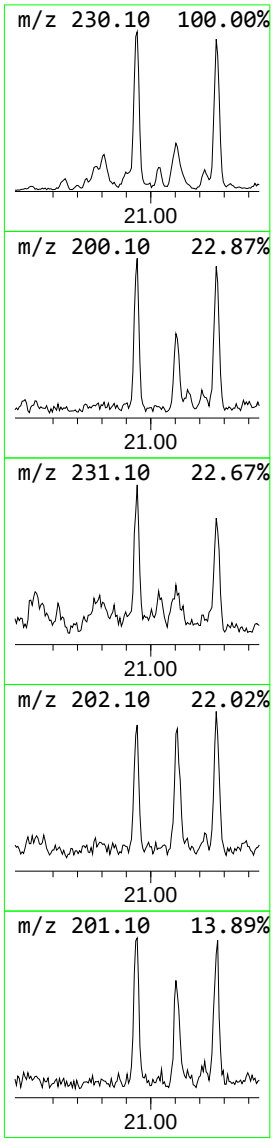
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.944	2.21 ng/ul	127446	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	68





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Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

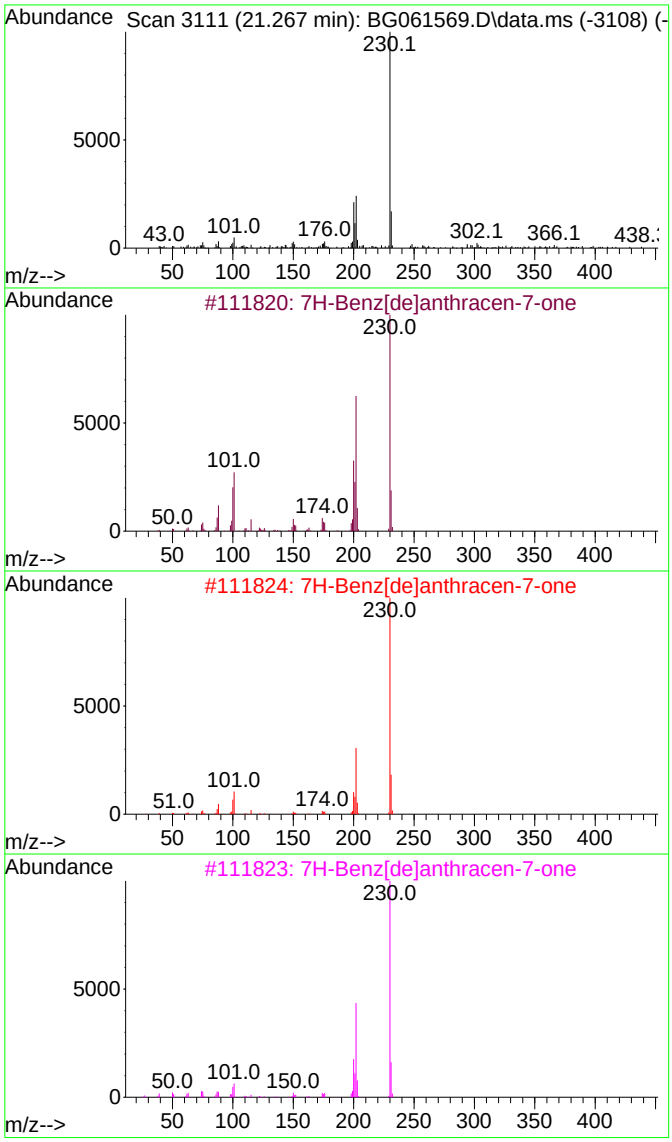
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

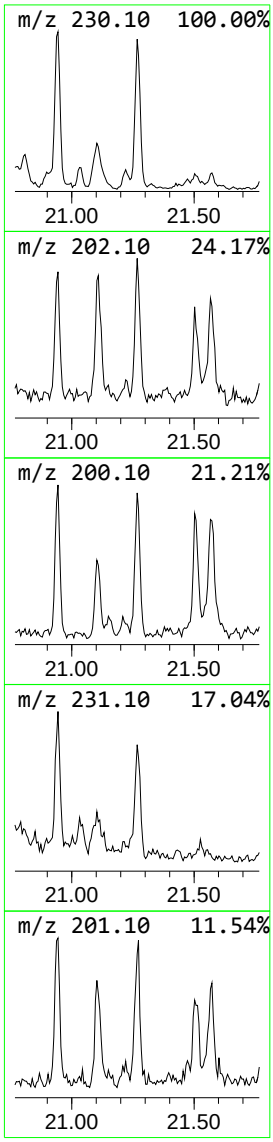
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 7H-Benz[de]anthracen-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.267	2.39 ng/ul	137725	Chrysene-d12	21.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061569.D
Acq On : 8 Jun 2024 17:35
Operator : MA/JU
Sample : P2647-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBS3

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...	3.077	203.8	ng/ul	1746900	1	7.871	171413	20.0
unknown-01	3.605	5.2	ng/ul	44895	1	7.871	171413	20.0
Methacrylamide	3.852	3.1	ng/ul	26285	1	7.871	171413	20.0
Pentanedioic ac...	9.581	2.2	ng/ul	25001	2	10.668	229691	20.0
1-Phenoxypropan...	11.408	5.6	ng/ul	64353	2	10.668	229691	20.0
unknown-02	14.710	2.8	ng/ul	44676	3	14.510	324123	20.0
(DEL) Alkane: S...	16.244	3.2	ng/ul	63309	4	17.266	395990	20.0
9H-Fluoren-9-one	16.919	2.5	ng/ul	49005	4	17.266	395990	20.0
(DEL) Alkane: S...	17.013	2.0	ng/ul	39987	4	17.266	395990	20.0
Benzenamine, 4,...	17.848	2.0	ng/ul	40214	4	17.266	395990	20.0
Phenanthrene, 1...	18.141	7.8	ng/ul	155429	4	17.266	395990	20.0
Anthracene, 9-m...	18.188	8.2	ng/ul	162289	4	17.266	395990	20.0
4H-Cyclopenta[d...	18.335	9.4	ng/ul	186606	4	17.266	395990	20.0
Propyne, 1,3-di...	18.371	4.1	ng/ul	81362	4	17.266	395990	20.0
(DEL) Alkane: S...	18.447	2.2	ng/ul	42725	4	17.266	395990	20.0
5,16[1',2']:8,1...	18.641	4.2	ng/ul	83628	4	17.266	395990	20.0
9,10-Anthracene...	18.694	4.5	ng/ul	89445	4	17.266	395990	20.0
Anthracene, 1,4...	18.887	2.0	ng/ul	40315	4	17.266	395990	20.0
Phenanthrene, 3...	18.940	2.3	ng/ul	46121	4	17.266	395990	20.0
Phenanthrene, 2...	19.064	7.5	ng/ul	149131	4	17.266	395990	20.0
Cyclopenta(def)...	19.205	6.7	ng/ul	132533	4	17.266	395990	20.0
Pyrene, 1-methyl-	20.016	3.2	ng/ul	182491	5	21.526	1152660	20.0
11H-Benzo[a]flu...	20.186	3.1	ng/ul	180156	5	21.526	1152660	20.0
11H-Benzo[a]flu...	20.944	2.2	ng/ul	127446	5	21.526	1152660	20.0
7H-Benz[de]anth...	21.267	2.4	ng/ul	137725	5	21.526	1152660	20.0