LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5T8

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: BG061400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.035	5	8	10	rBV	36832	46354	1.76%	0.321%
2	3.076	10	15	37	rVB	1550067	2637932	100.00%	18.274%
3	3.605	99	105	113	rBV	38720	63393	2.40%	0.439%
4	3.740	124	128	143	rVB2	46192	86301	3.27%	0.598%
5	3.852	143	147	154	rVB	46790	67558	2.56%	0.468%
6	3.928	154	160	164	rBV3	6791	9734	0.37%	0.067%
7	4.298	216	223	230	rBV	16083	22936	0.87%	0.159%
8	4.627	274	279	286	rVB4	7472	12473	0.47%	0.086%
9	4.709	287	293	299	rBV2	7981	13362	0.51%	0.093%
10	5.074	349	355	360	rBV2	9708	15930	0.60%	0.110%
11	7.054	686	692	704	rVB	84748	147774	5.60%	1.024%
12	7.201	709	717	726	rVB2	55863	88680	3.36%	0.614%
13	7.406	746	752	758	rBV	77753	132117	5.01%	0.915%
14	7.459	758	761	771	rVB2	19943	32488	1.23%	0.225%
15	7.870	824	831	838	rBV	94368	157680	5.98%	1.092%
16	8.593	946	954	963	rBV2	52404	93559	3.55%	0.648%
17	9.028	1019	1028	1035	rVB	84959	144132	5.46%	0.998%
18	9.580	1117	1122	1129	rBV2	17742	26083	0.99%	0.181%
19	9.751	1142	1151	1158	rBV	75009	132296	5.02%	0.916%
20	10.303	1238	1245	1256	rBV	94892	178801	6.78%	1.239%
21	10.667	1299	1307	1313	rBV	123398	216233	8.20%	1.498%
22	10.802	1324	1330	1339	rBV3	28463	54011	2.05%	0.374%
23	11.196	1393	1397	1403	rVB3	7875	11865	0.45%	0.082%
24	11.402	1427	1432	1444	rBV2	38340	71926	2.73%	0.498%
25	13.910	1854	1859	1867	rVV	199648	285801	10.83%	1.980%
26	14.198	1902	1908	1917	rVB	210915	335595	12.72%	2.325%
27	14.504	1953	1960	1967	rVV	208533	329632	12.50%	2.283%
28	14.733	1996	1999	2016	rVB	713502	1079168	40.91%	7.476%
29	14.868	2018	2022	2025	rVV2	9749	13109	0.50%	0.091%
30	15.503	2122	2130	2136	rBV	289431	436442	16.54%	3.023%
31	15.555	2136	2139	2144	rVB3	7254	10118	0.38%	0.070%
32	15.638	2147	2153	2163	rBV2	90723	137084	5.20%	0.950%
33	15.843	2183	2188	2194	rVB6	4603	10224	0.39%	0.071%
34	16.231	2247	2254	2259	rBV6	6574	14848	0.56%	0.103%
35	16.795	2344	2350	2352	rBV5	5161	7336	0.28%	0.051%
36	16.913	2364	2370	2376	rBV	14058	20448	0.78%	0.142%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5T8

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	17.013	2383	2387	2391	rVB4	8303	9902	0.38%	0.069%
38	17.077	2394	2398	2403	rVB	6354	8974	0.34%	0.062%
39	17.259	2421	2429	2433	rBV	276931	446538	16.93%	3.093%
40	17.300	2433	2436	2440	rVB	113496	144654	5.48%	1.002%
41	17.353	2440	2445	2451	rBV	317179	470075	17.82%	3.256%
42	17.442	2457	2460	2465	rBV5	5910	9110	0.35%	0.063%
43	17.571	2479	2482	2488	rVB5	5064	8095	0.31%	0.056%
44	17.659	2494	2497	2501	rVB	10450	12552	0.48%	0.087%
45	17.841	2524	2528	2536	rVB5	6601	12171	0.46%	0.084%
46	17.929	2537	2543	2550	rBV6	10857	18618	0.71%	0.129%
47	18.058	2559	2565	2569	rBV3	4961	8853	0.34%	0.061%
48	18.135	2571	2578	2579	rBV2	27700	35747	1.36%	0.248%
49	18.158	2579	2582	2584	rVV3	40516	62452	2.37%	0.433%
50	18.182	2584	2586	2590	rVV2	47102	60397	2.29%	0.418%
51	18.223	2590	2593	2597	rVV	17139	21660	0.82%	0.150%
52	18.264	2597	2600	2604	rVV3	7575	11903	0.45%	0.082%
53	18.323	2604	2610	2614	rVV3	32006	58214	2.21%	0.403%
54	18.364	2614	2617	2623	rVB2	19045	29267	1.11%	0.203%
55	18.452	2629	2632	2635	rBV4	7710	10115	0.38%	0.070%
56	18.481	2635	2637	2641	rVB4	5448	6917	0.26%	0.048%
57	18.634	2658	2663	2667	rBV	22596	33926	1.29%	0.235%
58	18.681	2667	2671	2679	rVB2	38357	57755	2.19%	0.400%
59	18.881	2701	2705	2709	rVB4	8758	10790	0.41%	0.075%
60	18.928	2710	2713	2717	rBV	8744	10769	0.41%	0.075%
61	18.969	2717	2720	2723	rVB5	6573	8352	0.32%	0.058%
62	19.057	2725	2735	2736	rBV3	26136	48593	1.84%	0.337%
63	19.145	2748	2750	2754	rVB4	8241	9531	0.36%	0.066%
64	19.192	2754	2758	2770	rBV2	29089	63528	2.41%	0.440%
65	19.316	2770	2779	2785	rBV	315735	446006	16.91%	3.090%
66	19.375	2786	2789	2792	rBV5	7789	8609	0.33%	0.060%
67	19.433	2793	2799	2802	rBV6	8993	18995	0.72%	0.132%
68	19.510	2810	2812	2817	rVB5	10293	12099	0.46%	0.084%
69	19.557	2817	2820	2824	rBV3	14333	18365	0.70%	0.127%
70	19.651	2830	2836	2839	rBV	460865	753961	28.58%	5.223%
71	19.680	2839	2841	2848	rVB	267656	308693	11.70%	2.138%
72	19.751	2848	2853	2856	rBV4	20596	33301	1.26%	0.231%
73	19.780	2856	2858	2863	rVB3	13915	18180	0.69%	0.126%
74	19.856	2868	2871	2872	rBV2	13015	13015	0.49%	0.090%
75	19.915	2878	2881	2887	rVB2	16048	23729	0.90%	0.164%
76	20.003	2890	2896	2903	rBV4	27658	75550	2.86%	0.523%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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	20.144	2913	2920	2921	rBV5	22664	45233	1.71%	0.313%
78	20.174	2921	2925	2934	rVB2	43481	94173	3.57%	0.652%
79	20.268	2938	2941	2944	rBV	20027	24541	0.93%	0.170%
80	20.332	2946	2952	2956	rVV2	35400	55150	2.09%	0.382%
81	20.467	2972	2975	2979	rBV2	23202	28248	1.07%	0.196%
82	20.514	2979	2983	2986	rVB2	23155	30214	1.15%	0.209%
83	20.567	2989	2992	2998	rVB	26372	32024	1.21%	0.222%
84	20.685	3008	3012	3014	rBV	19525	22617	0.86%	0.157%
85	20.726	3016	3019	3023	rVV3	30903	40630	1.54%	0.281%
86	20.926	3049	3053	3058	rVB2	47668	63619	2.41%	0.441%
87	21.137	3087	3089	3092	rBV2	19783	26360	1.00%	0.183%
88	21.178	3092	3096	3104	rVV3	66047	149131	5.65%	1.033%
89	21.402	3130	3134	3140	rVB	135319	181350	6.87%	1.256%
90	21.507	3144	3152	3157	rVV3	369396	801225	30.37%	5.550%
91	21.554	3157	3160	3169	rVB	156727	238840	9.05%	1.655%
92	21.701	3182	3185	3192	rBV8	23051	34798	1.32%	0.241%
93	22.283	3280	3284	3288	rBV2	46541	76742	2.91%	0.532%
94	22.917	3387	3392	3403	rVB3	68250	157589	5.97%	1.092%
95	23.623	3505	3512	3520	rBV3	122652	378635	14.35%	2.623%
96	24.310	3624	3629	3633	rBV	45211	95406	3.62%	0.661%
97	24.380	3635	3641	3648	rVV2	216923	538930	20.43%	3.733%
98	24.445	3649	3652	3665	rVB	95240	220865	8.37%	1.530%
99	24.592	3669	3677	3685	rBV	194492	527028	19.98%	3.651%
100	29.598	4527	4529	4530	rBV2	10016	8817	0.33%	0.061%

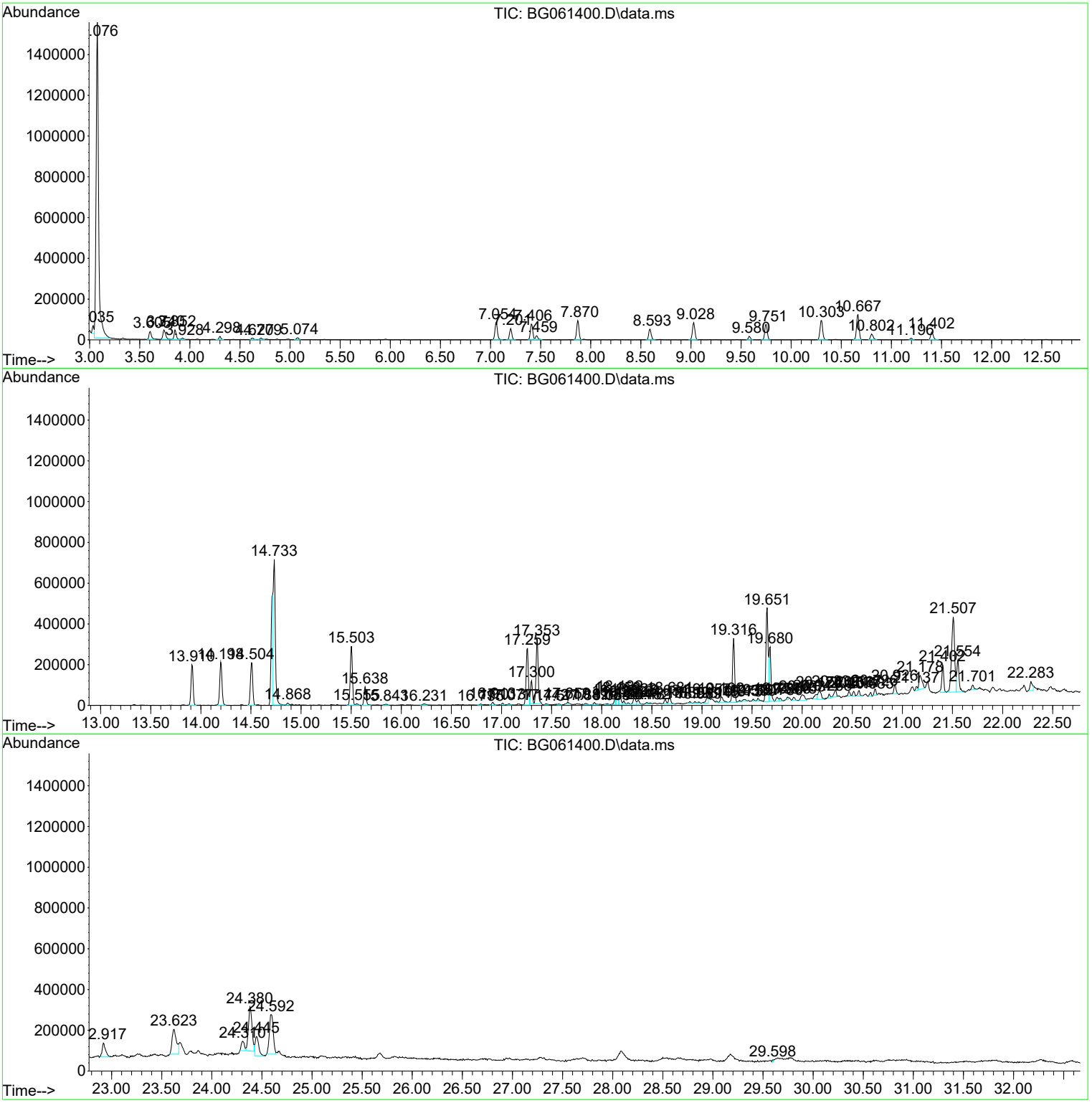
Sum of corrected areas: 14435549

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

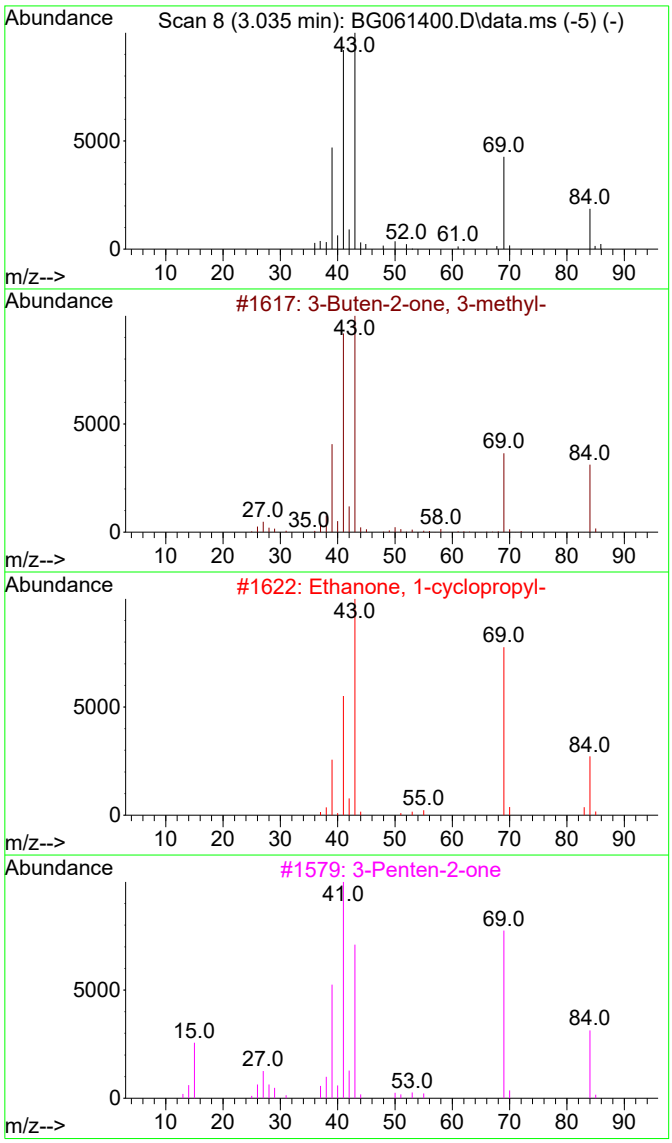
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

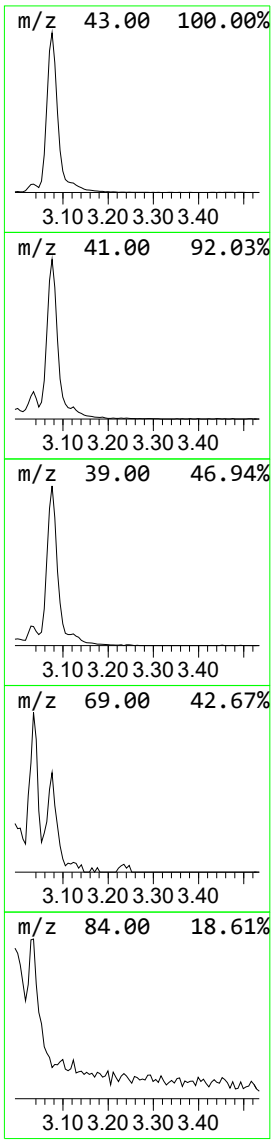
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.035	5.88 ng/ul	46354	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	50
2	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	38
3	3-Penten-2-one	84	C5H8O	000625-33-2	38
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	38
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

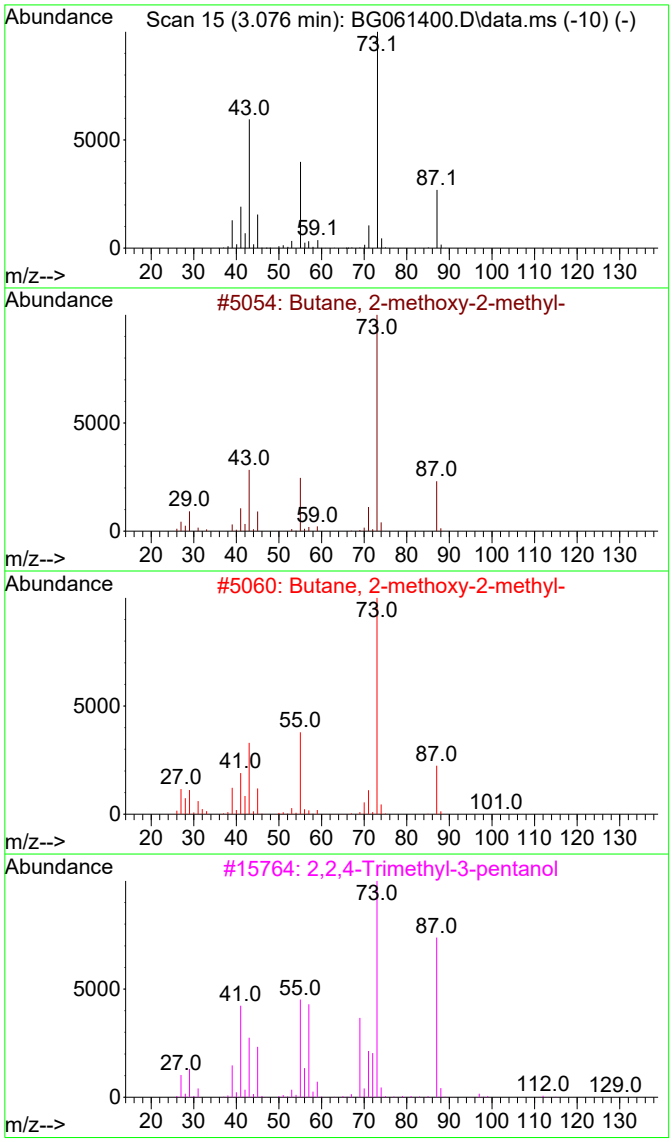
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

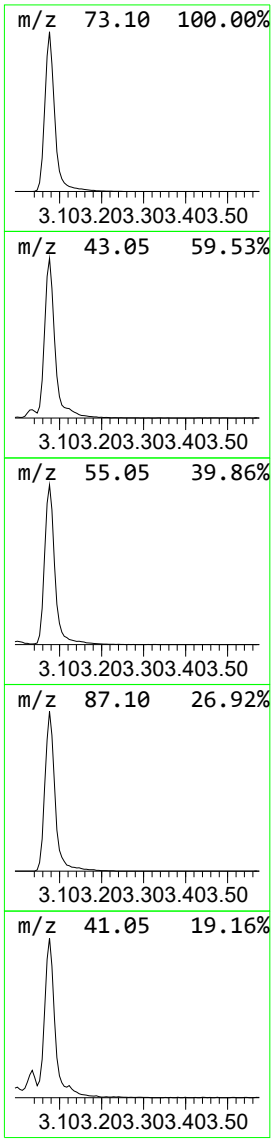
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	334.59 ng/ul	2637930	1,4-Dichlorobenzene-d4	7.876

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	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

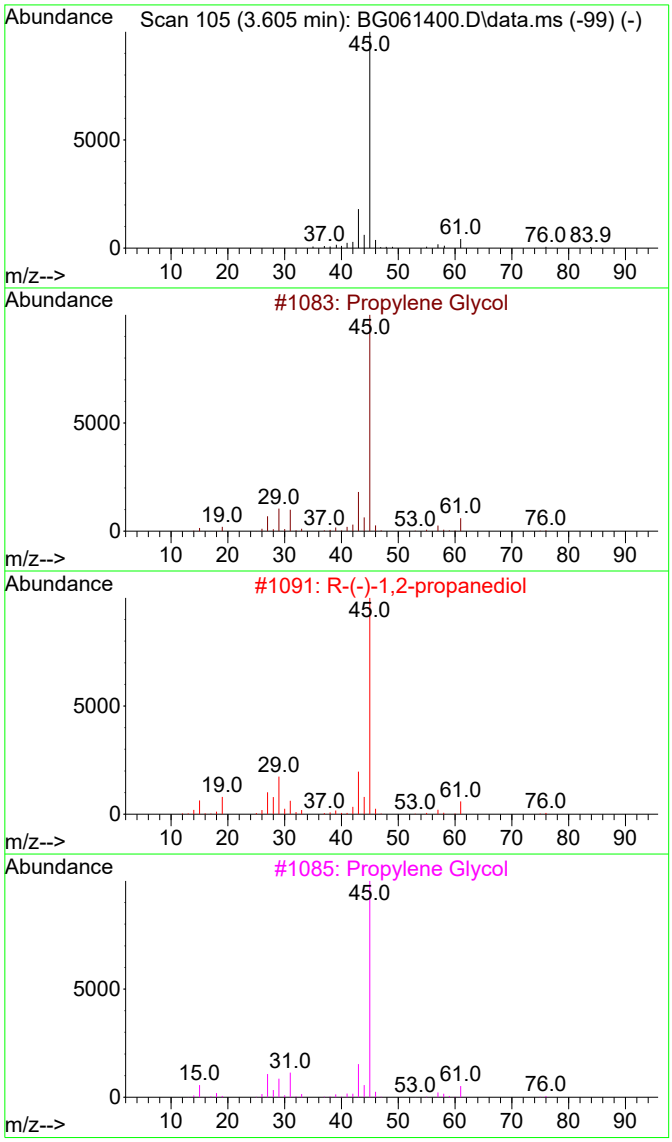
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

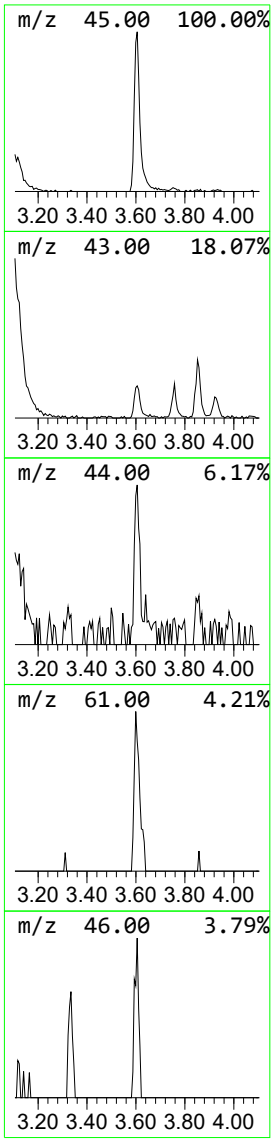
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.605	8.04 ng/ul	63393	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	72
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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

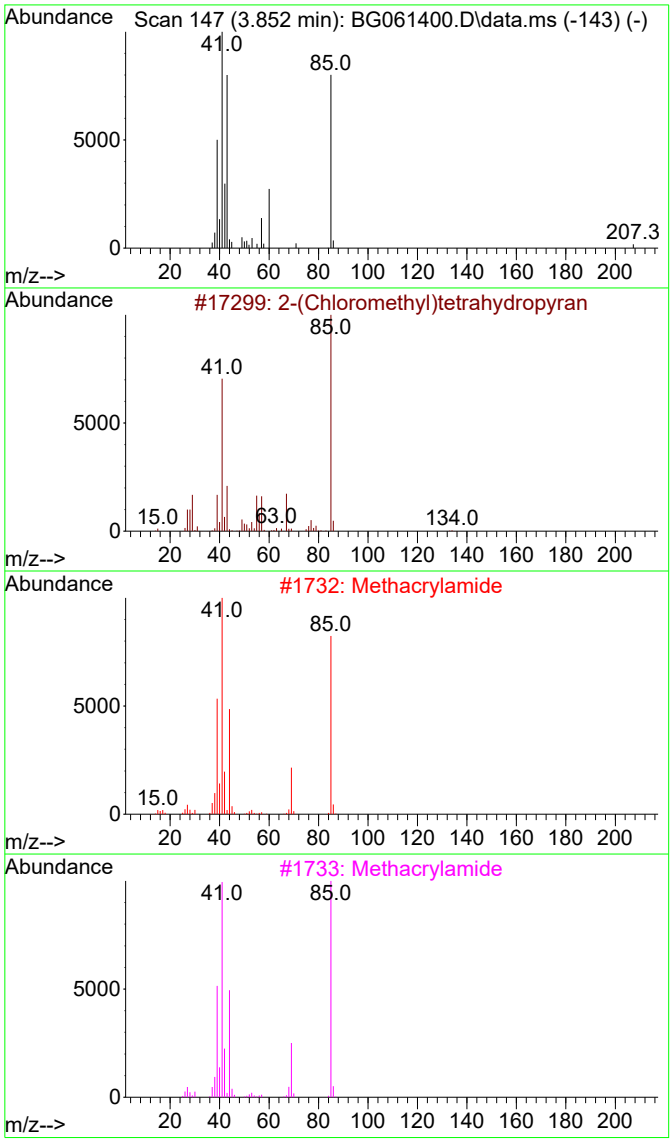
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

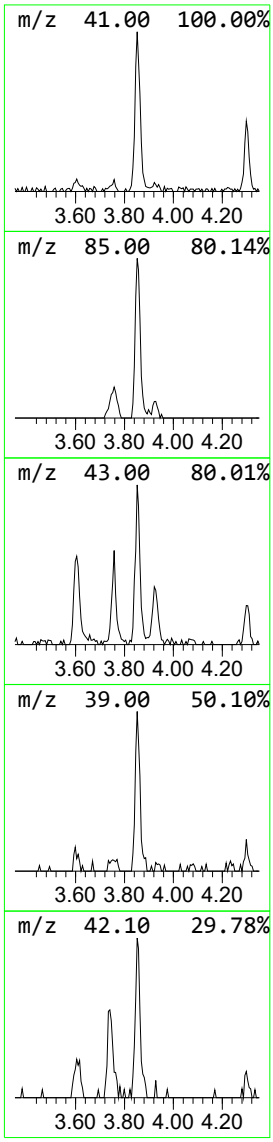
****

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.852	8.57 ng/ul	67558	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	43
2	Methacrylamide	85	C4H7NO	000079-39-0	42
3	Methacrylamide	85	C4H7NO	000079-39-0	32
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	28
5	2-(Chloromethyl)tetrahydropyran	134	C6H11ClO	018420-41-2	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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

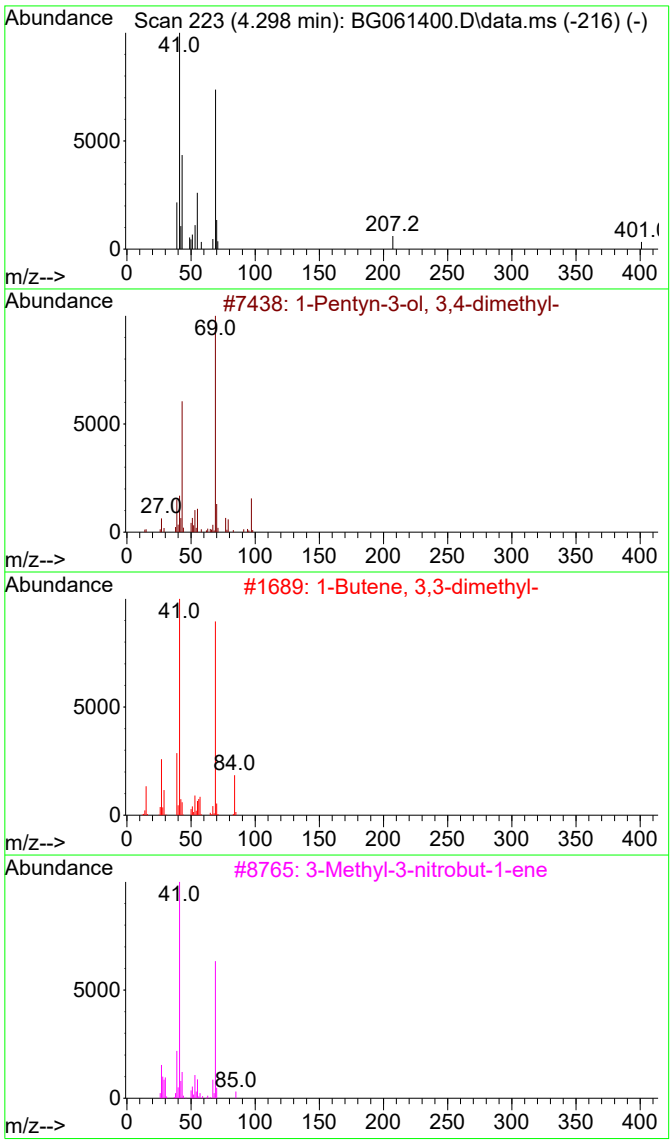
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

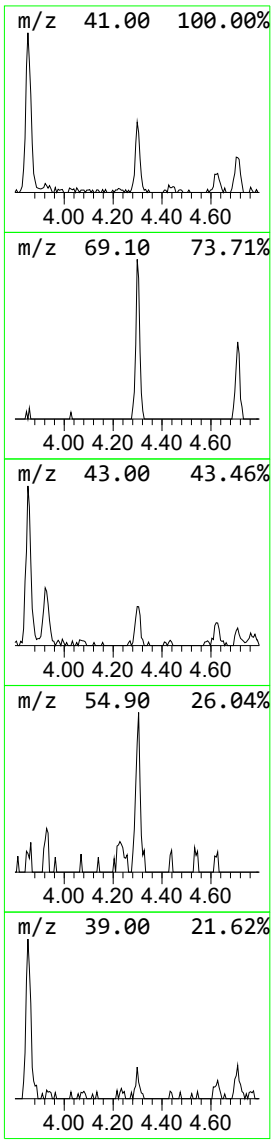
****

Peak Number 5 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.298	2.91 ng/ul	22936	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	42
2	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
3	3-Methyl-3-nitrobut-1-ene	115	C5H9NO2	001809-67-2	39
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39
5	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	33





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Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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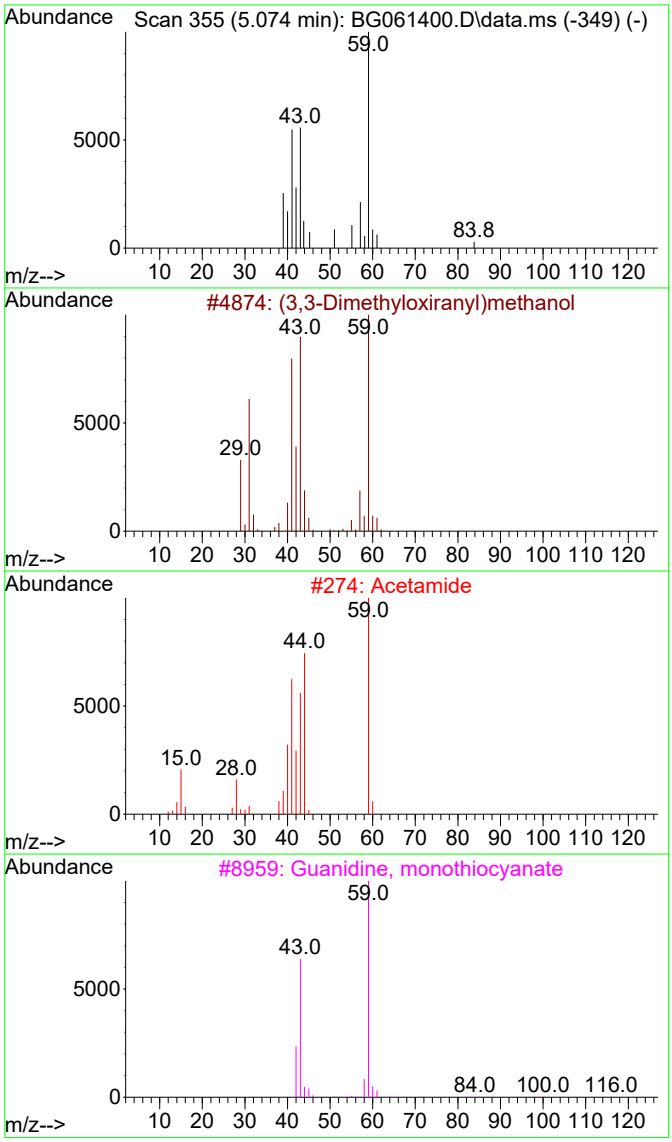
Quant Title : SVOA CALIBRATION

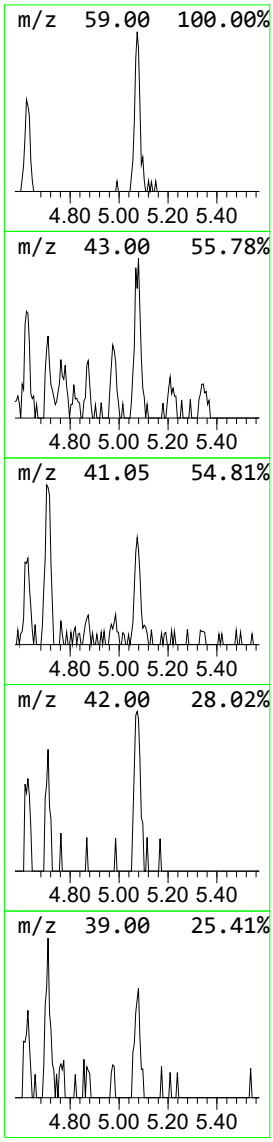
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (3,3-Dimethyloxiranyl)methanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.074	2.02 ng/ul	15930	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	74
2	Acetamide	59	C2H5NO	000060-35-5	59
3	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	56
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	39
5	Silane, dimethyl-	60	C2H8Si	001111-74-6	38





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Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

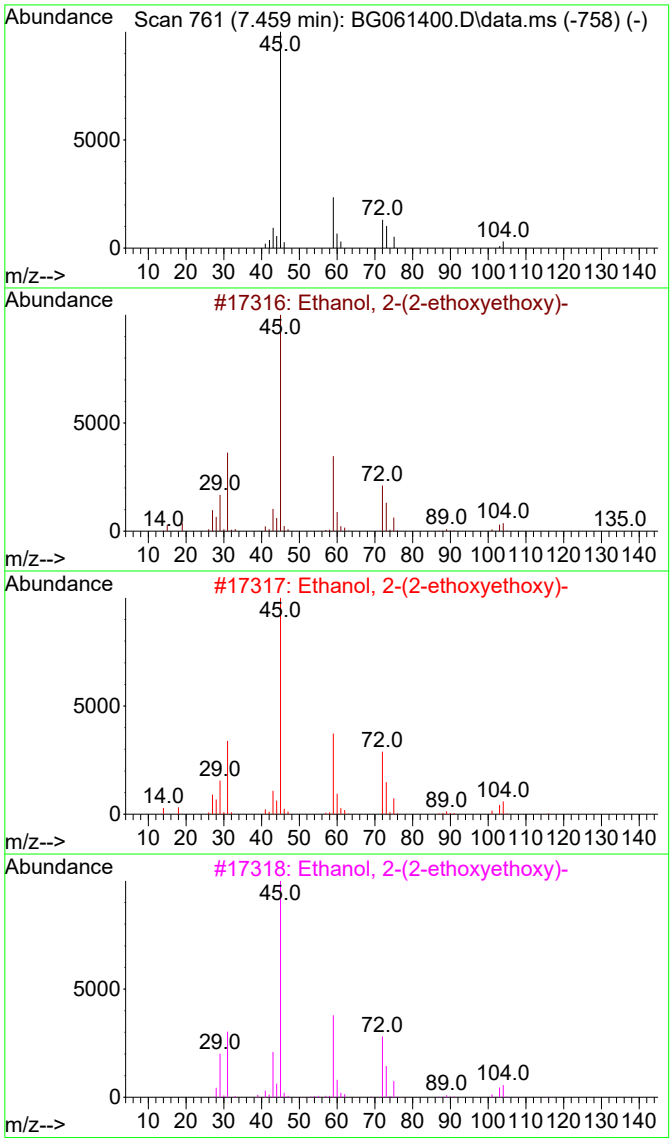
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

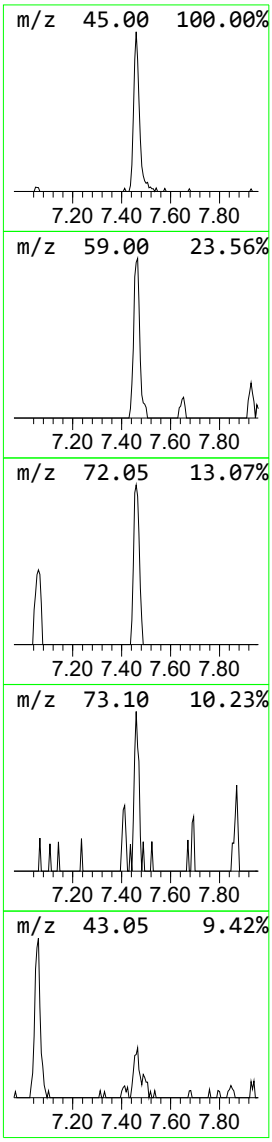
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.459	4.12 ng/ul	32488	1,4-Dichlorobenzene-d4	7.876

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	50
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	42
4	Ethyl ether	74	C4H10O	000060-29-7	38
5	Acetic acid, (2-methoxyethoxy)-	134	C5H10O4	016024-56-9	38





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Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5T8

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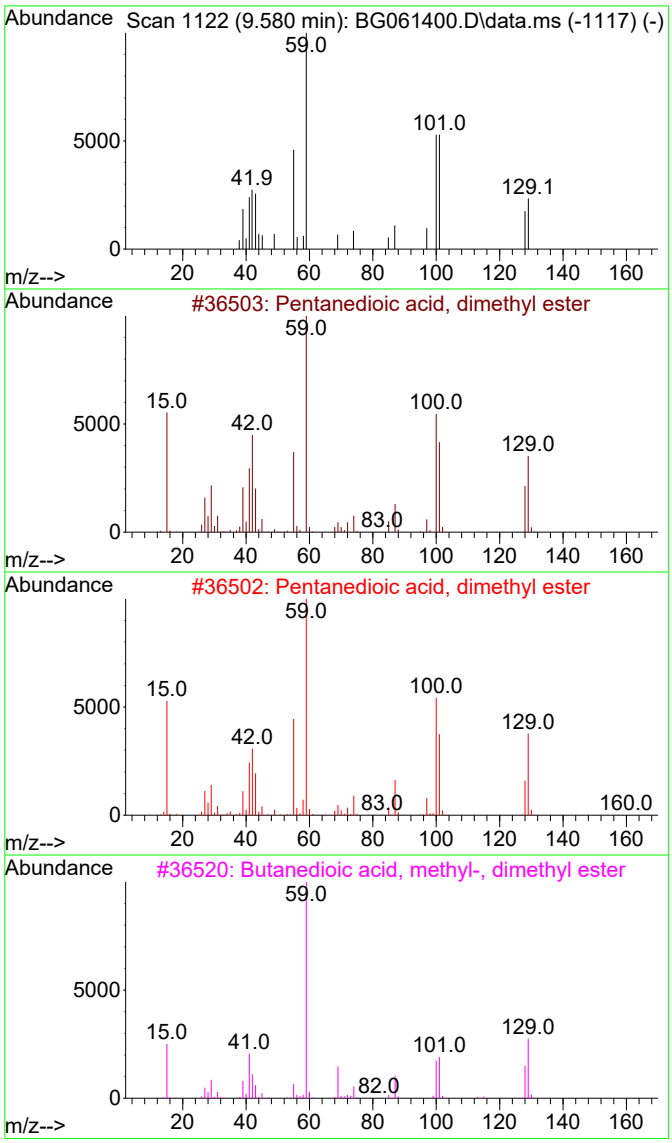
Quant Title : SVOA CALIBRATION

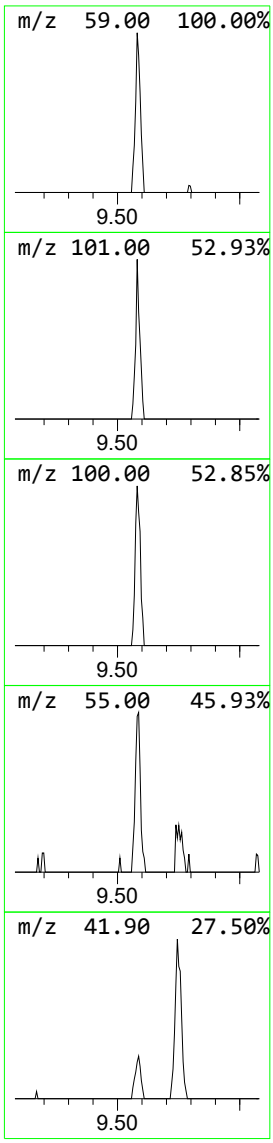
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentanedioic acid, dimethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	2.41 ng/ul	26083	Naphthalene-d8	10.667

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	78
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	74
3	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	3-Methyl-2-butenoic acid, heptad...	338	C22H42O2	1000282-89-9	10





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Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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

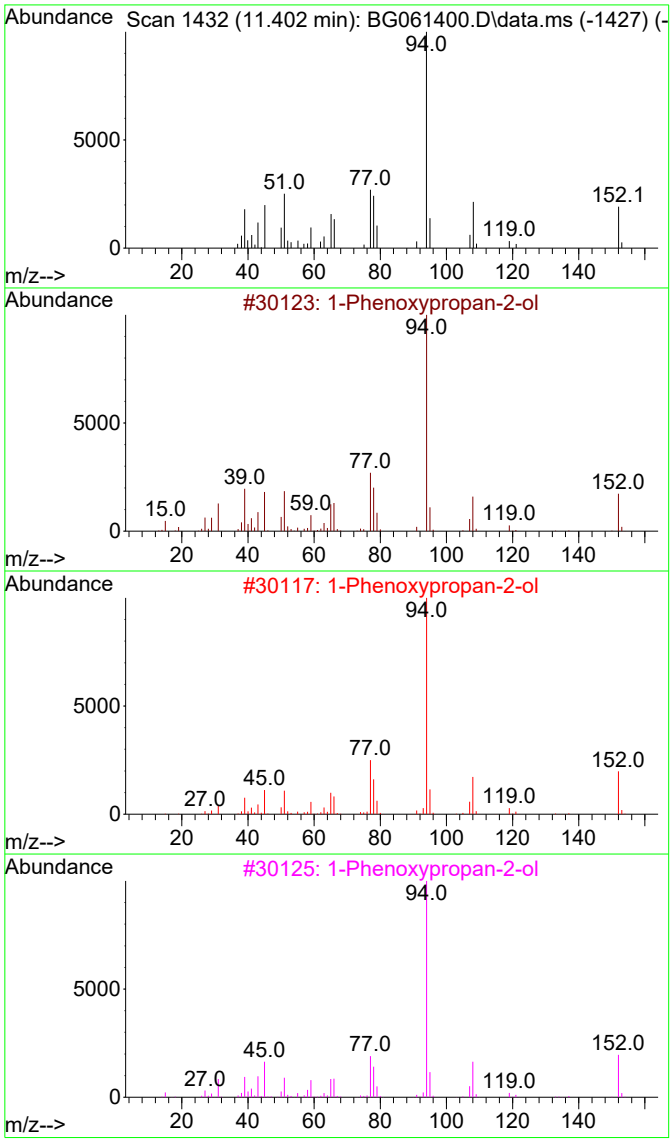
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

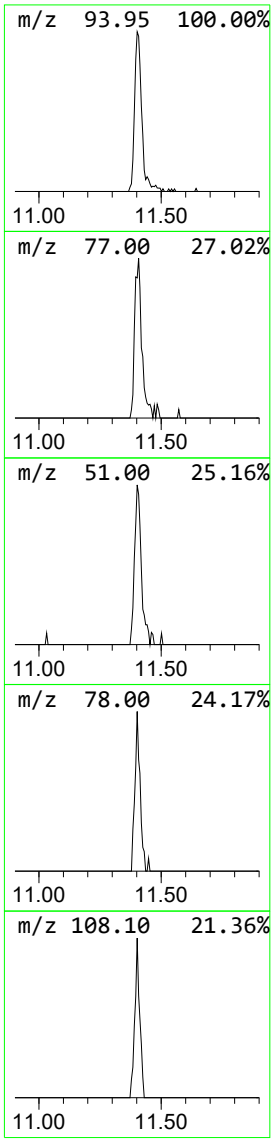
****

Peak Number 9 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.402	6.65 ng/ul	71926	Naphthalene-d8	10.667

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	74





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Misc :
ALS Vial : 10 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

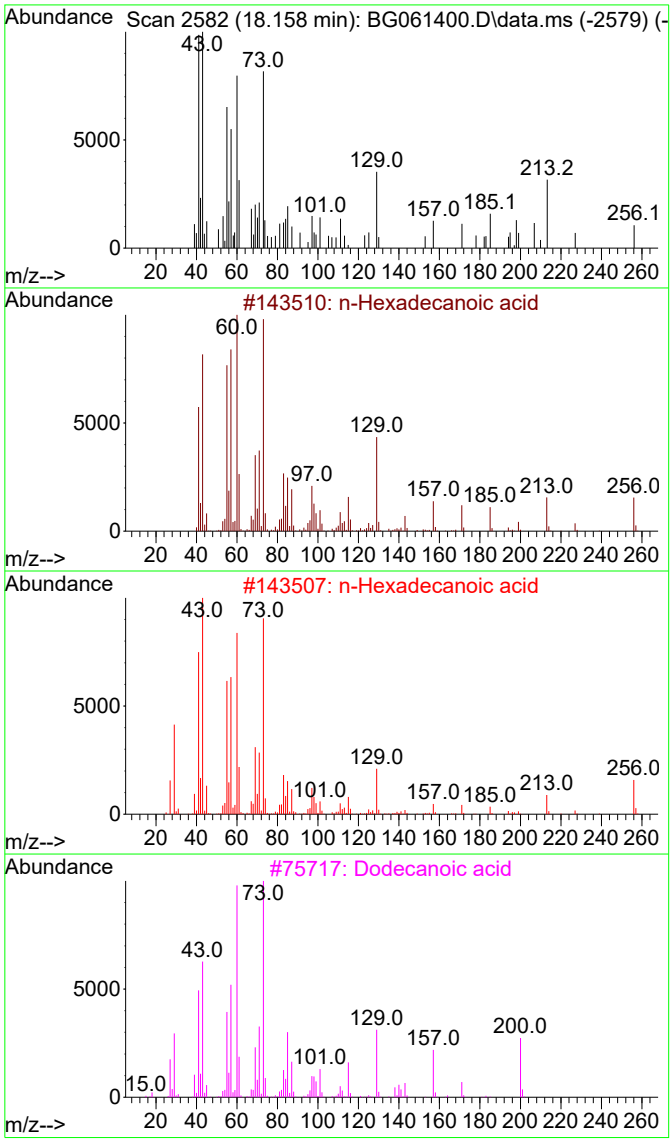
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

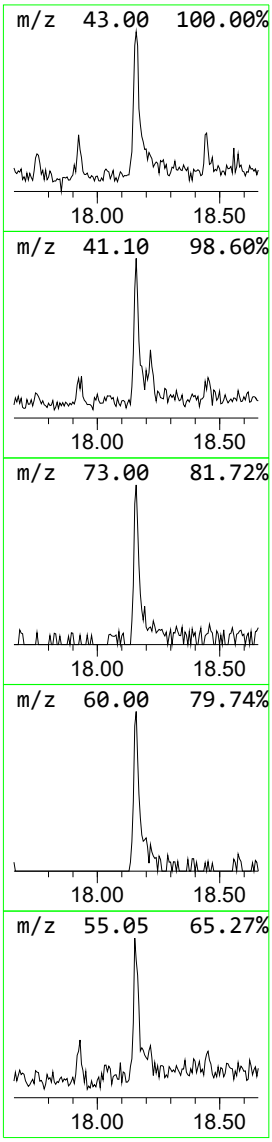
****

Peak Number 10 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.158	2.80 ng/ul	62452	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

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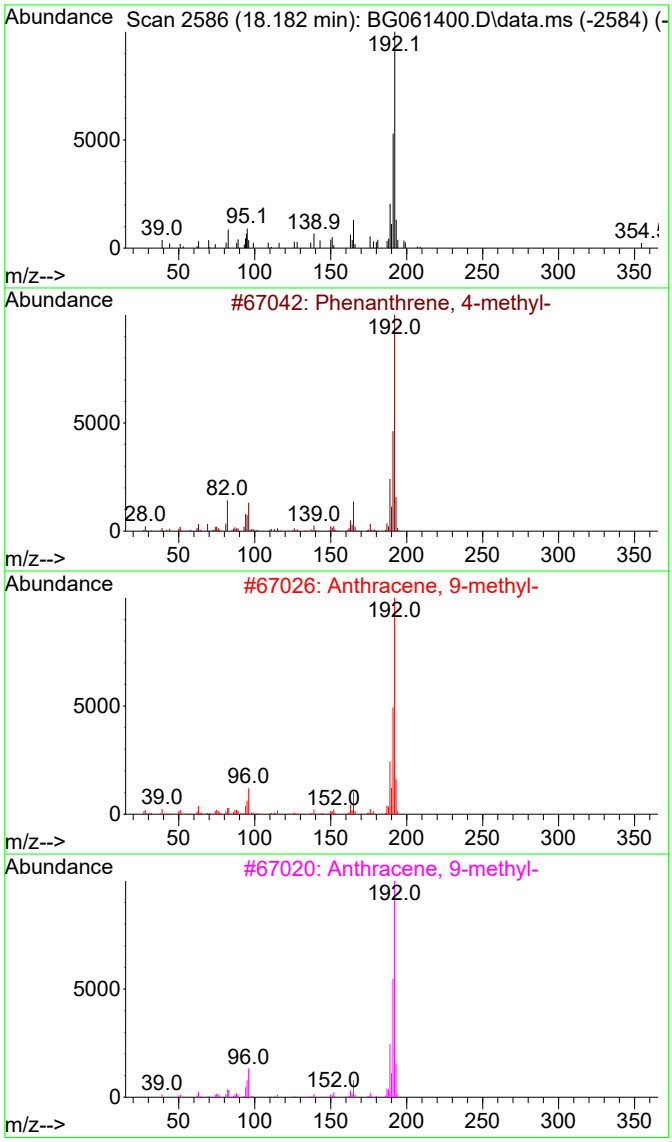
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

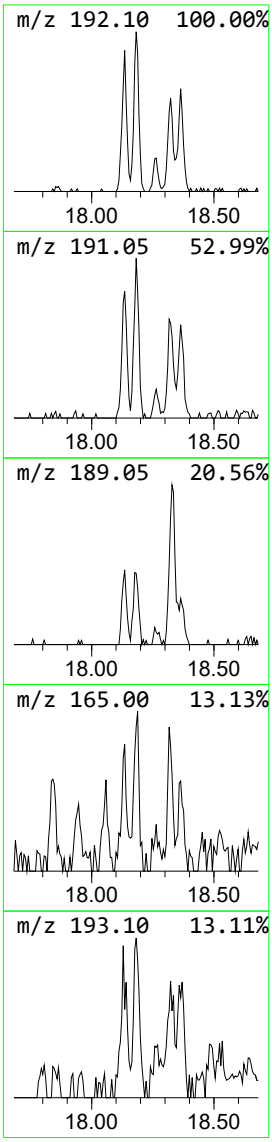
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	2.71 ng/ul	60397	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





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Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5T8

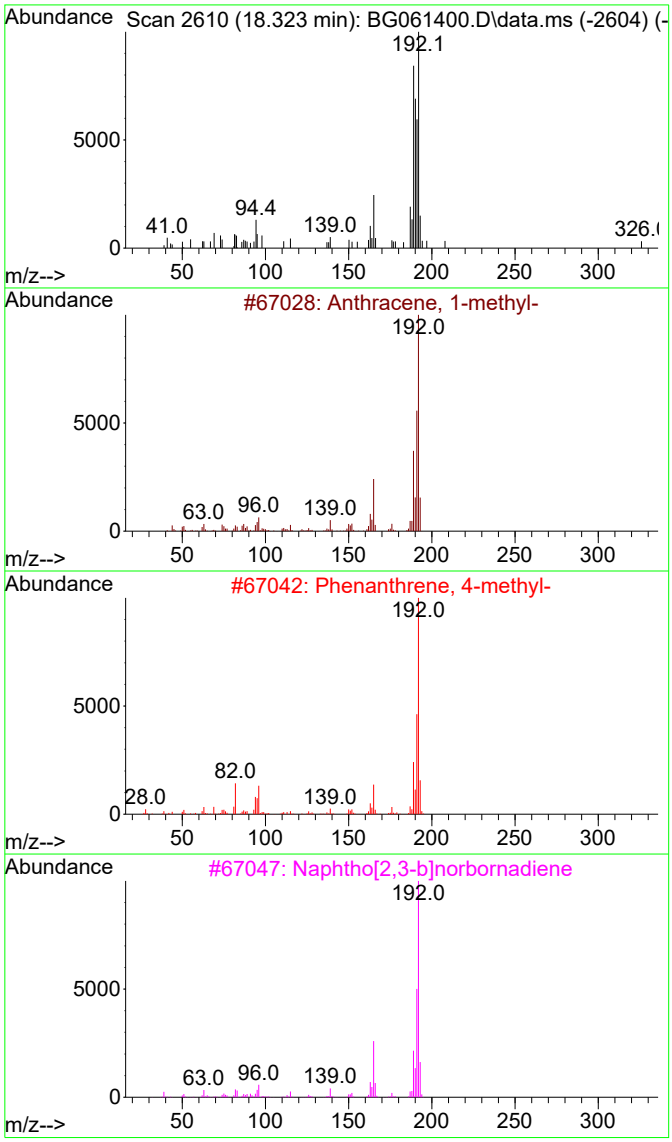
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

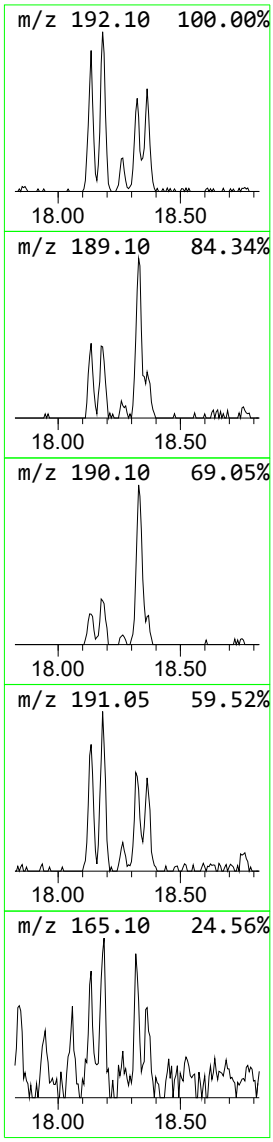
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.323	2.61 ng/ul	58214	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52





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Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

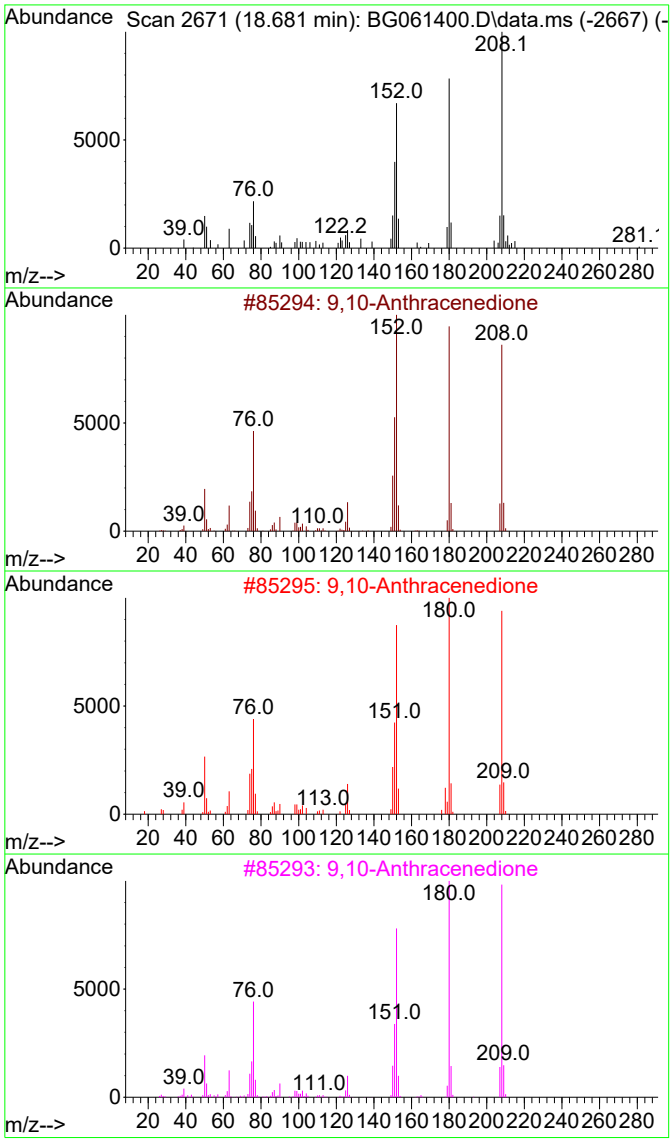
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

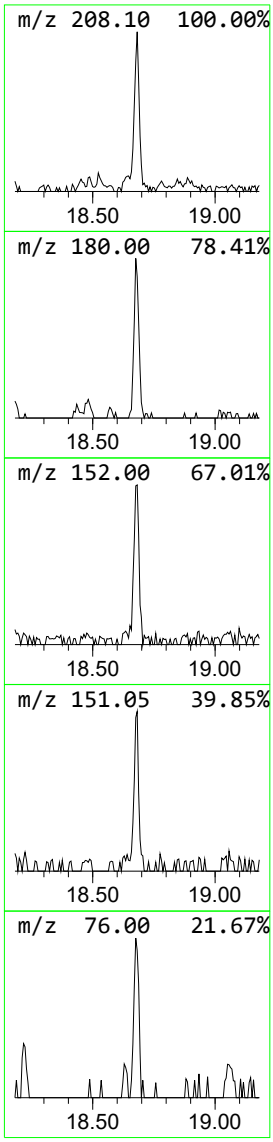
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	2.59 ng/ul	57755	Phenanthrene-d10	17.259

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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81





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Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5T8

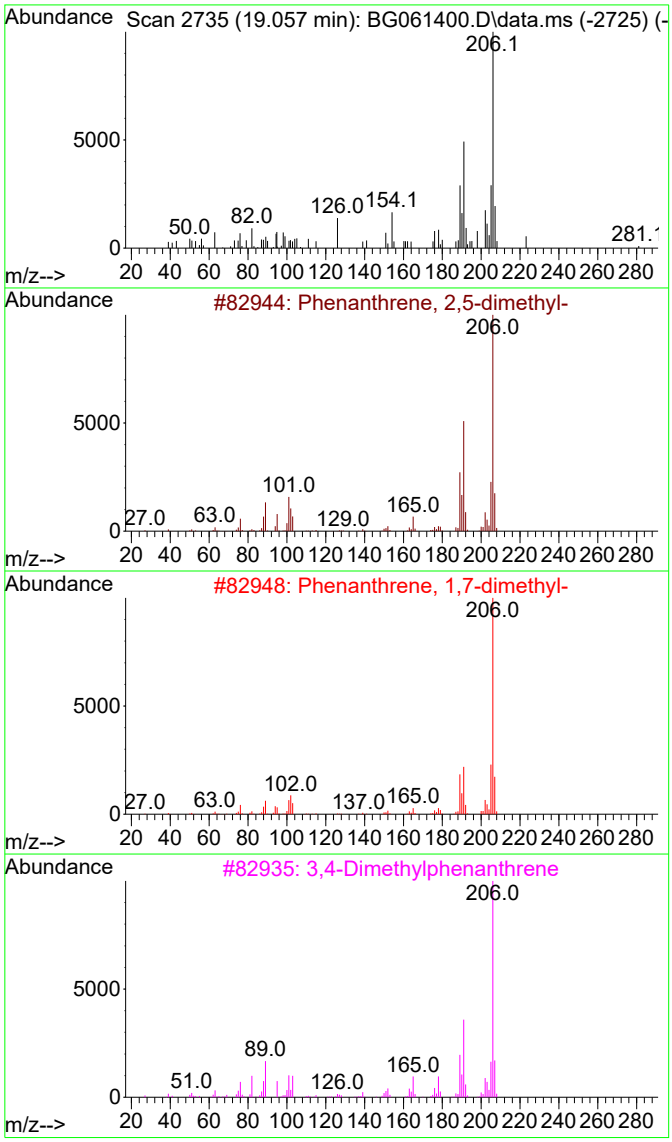
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

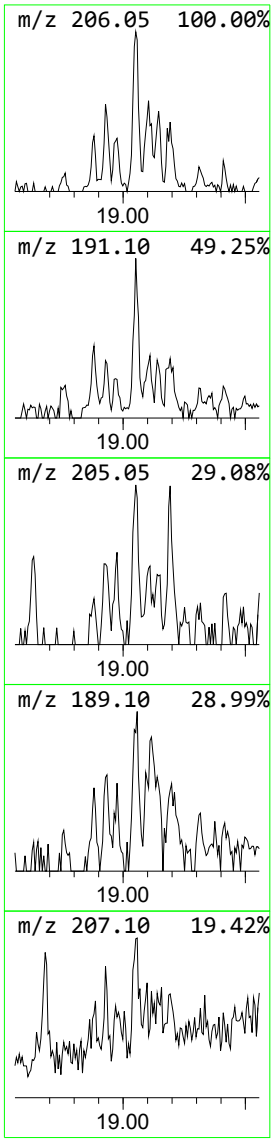
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	2.18 ng/ul	48593	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





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Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

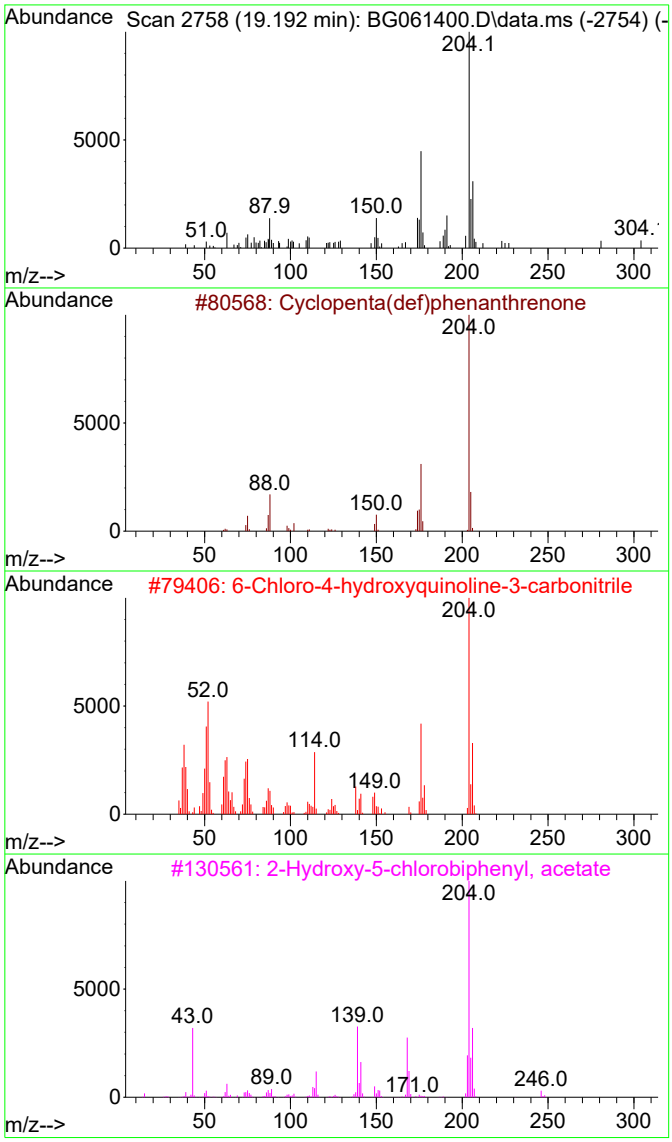
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

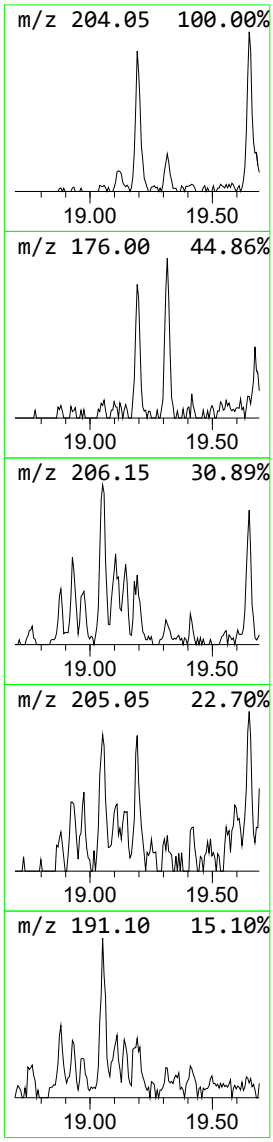
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	2.85 ng/ul	63528	Phenanthrene-d10	17.259

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	6-Chloro-4-hydroxyquinoline-3-ca...	204	C10H5ClN2O	1000435-79-8	45
3	2-Hydroxy-5-chlorobiphenyl, acetate	246	C14H11ClO2	1000447-68-0	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH5T8

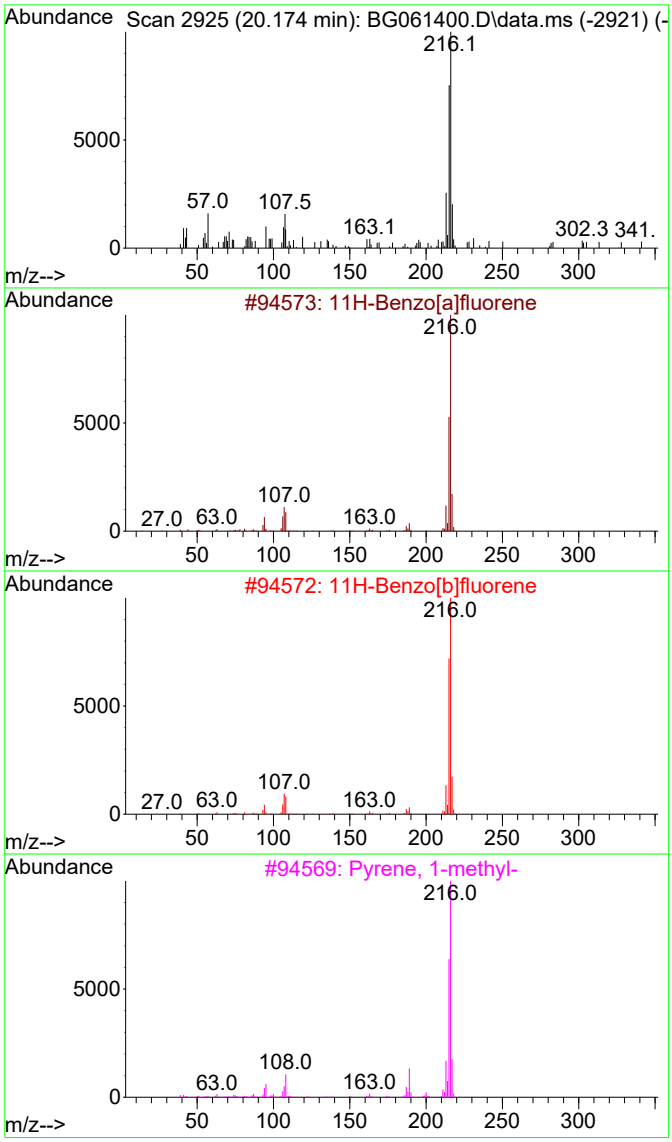
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

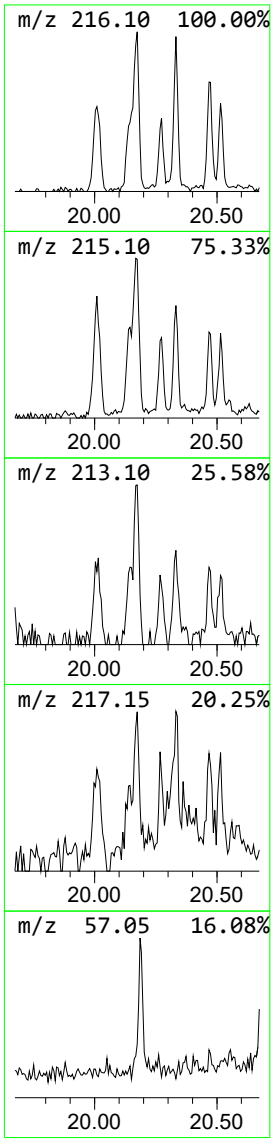
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.35 ng/ul	94173	Chrysene-d12	21.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

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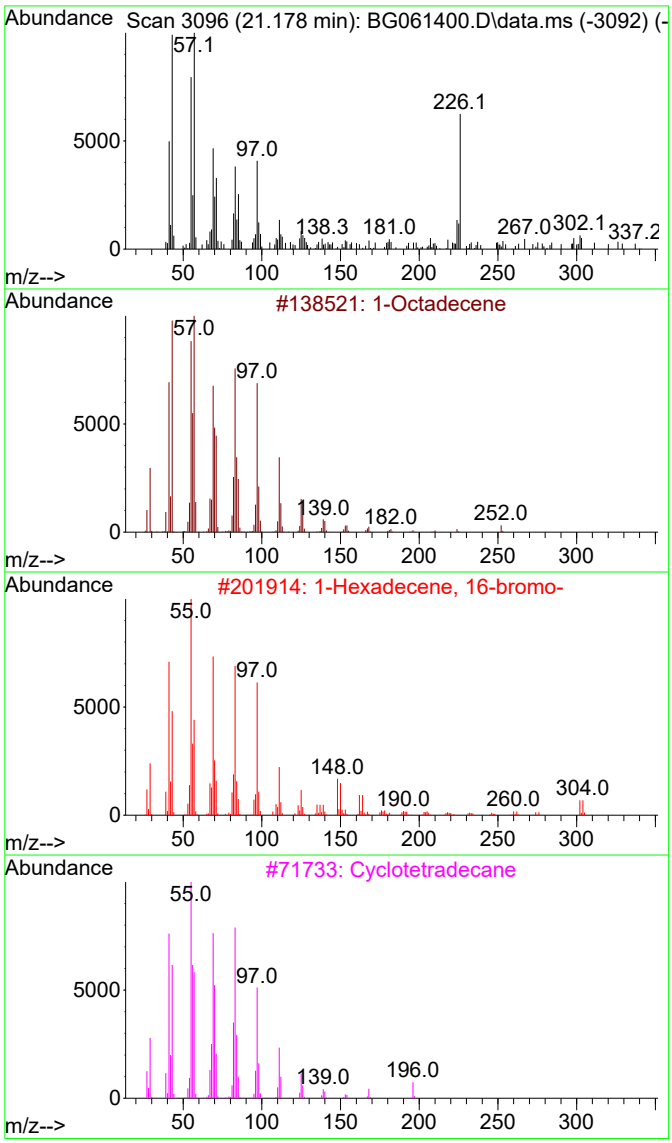
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

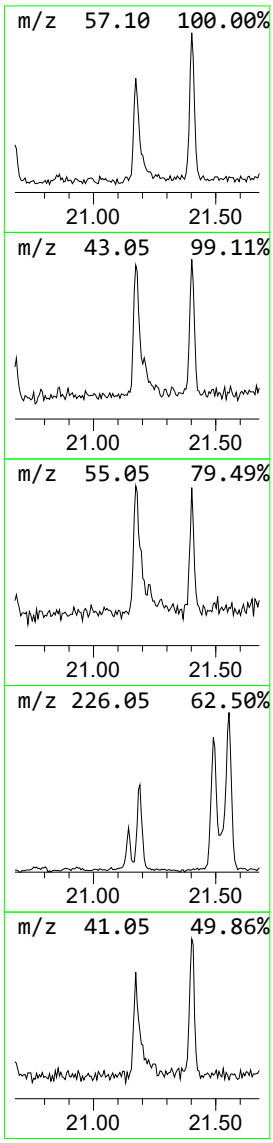
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.178	3.72 ng/ul	149131	Chrysene-d12	21.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	74
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	66
3	Cyclotetradecane	196	C14H28	000295-17-0	60
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	49
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

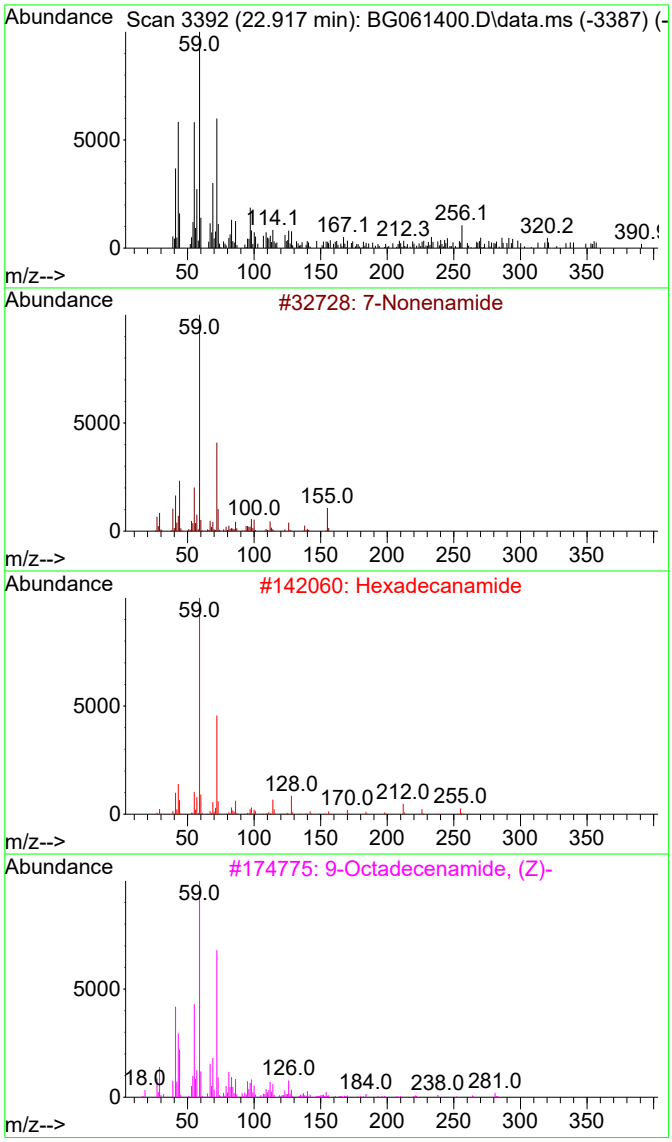
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

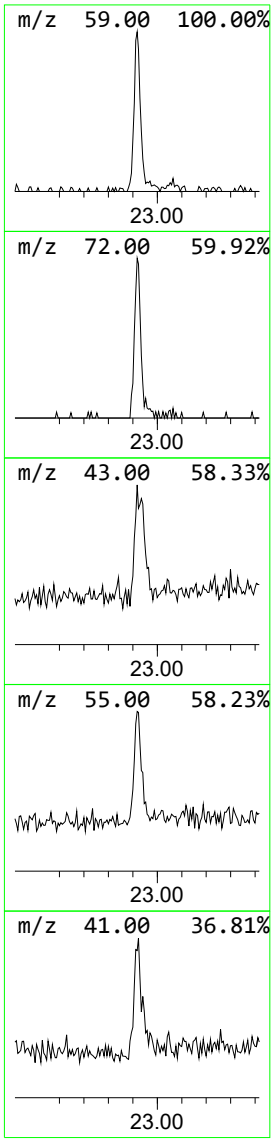
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 7-Nonenamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.917	3.93 ng/ul	157589	Chrysene-d12	21.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Nonenamide	155	C9H17NO	090949-53-4	68
2	Hexadecanamide	255	C16H33NO	000629-54-9	68
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
4	Tetradecanamide	227	C14H29NO	000638-58-4	49
5	Tetradecanamide	227	C14H29NO	000638-58-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

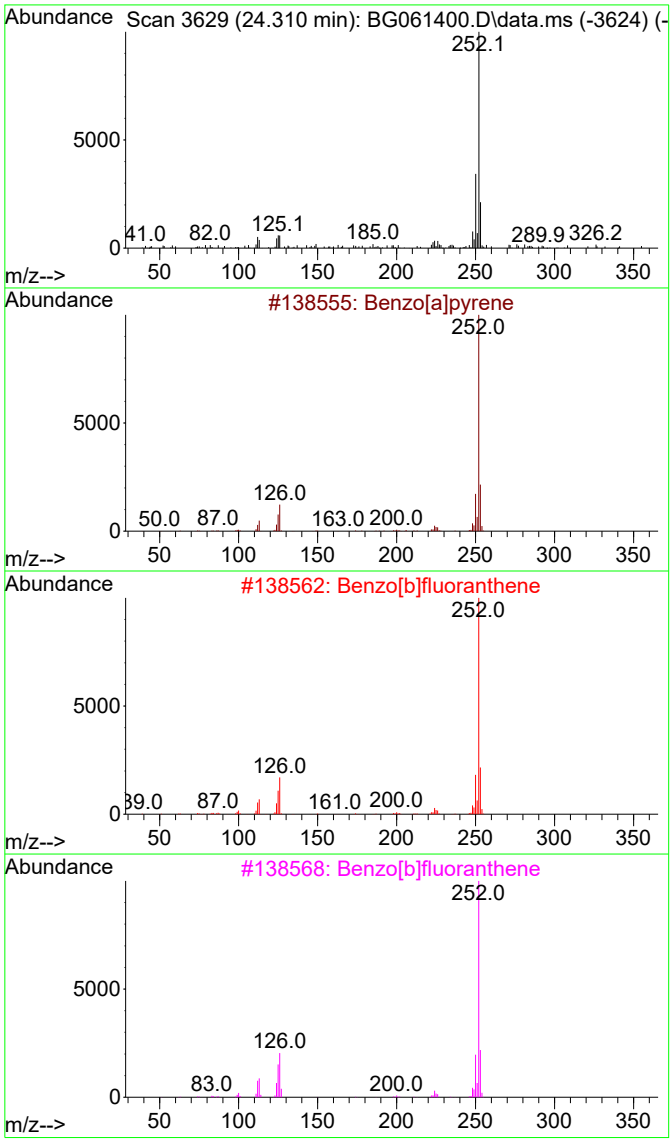
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

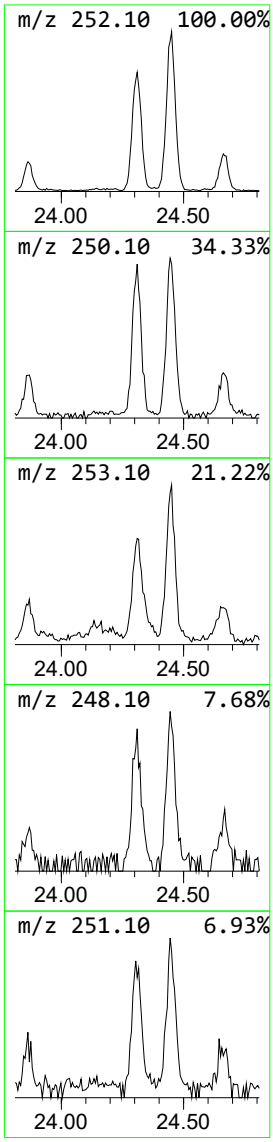
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.310	3.62 ng/ul	95406	Perylene-d12	24.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	74
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72
4	Benzo[e]pyrene	252	C20H12	000192-97-2	72
5	Benzo[a]pyrene	252	C20H12	000050-32-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

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
3-Buten-2-one, ...	3.035	5.9	ng/ul	46354	1	7.876	157680	20.0
Butane, 2-metho...	3.076	334.6	ng/ul	2637930	1	7.876	157680	20.0
Propylene Glycol	3.605	8.0	ng/ul	63393	1	7.876	157680	20.0
unknown-01	3.852	8.6	ng/ul	67558	1	7.876	157680	20.0
unknown-02	4.298	2.9	ng/ul	22936	1	7.876	157680	20.0
(3,3-Dimethylox...	5.074	2.0	ng/ul	15930	1	7.876	157680	20.0
Ethanol, 2-(2-e...	7.459	4.1	ng/ul	32488	1	7.876	157680	20.0
Pentanedioic ac...	9.580	2.4	ng/ul	26083	2	10.667	216233	20.0
1-Phenoxypropan...	11.402	6.7	ng/ul	71926	2	10.667	216233	20.0
n-Hexadecanoic ...	18.158	2.8	ng/ul	62452	4	17.259	446538	20.0
Phenanthrene, 4...	18.182	2.7	ng/ul	60397	4	17.259	446538	20.0
Anthracene, 1-m...	18.323	2.6	ng/ul	58214	4	17.259	446538	20.0
9,10-Anthracene...	18.681	2.6	ng/ul	57755	4	17.259	446538	20.0
Phenanthrene, 2...	19.057	2.2	ng/ul	48593	4	17.259	446538	20.0
Cyclopenta(def)...	19.192	2.9	ng/ul	63528	4	17.259	446538	20.0
11H-Benzo[a]flu...	20.174	2.4	ng/ul	94173	5	21.507	801225	20.0
(DEL) Alkane: S...	21.178	3.7	ng/ul	149131	5	21.507	801225	20.0
7-Nonenamide	22.917	3.9	ng/ul	157589	5	21.507	801225	20.0
Benzo[e]pyrene	24.310	3.6	ng/ul	95406	6	24.592	527028	20.0