LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5S4

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: BG061397.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	10	15	28	rVB	137590	231105	17.87%	1.285%
2	3.606	100	105	119	rVB	41874	74178	5.74%	0.412%
3	3.741	123	128	137	rBV2	52357	88696	6.86%	0.493%
4	7.055	685	692	701	rVB	68695	116765	9.03%	0.649%
5	7.202	710	717	725	rVB	43398	70734	5.47%	0.393%
6	7.407	745	752	758	rBV2	62735	107611	8.32%	0.598%
7	7.460	758	761	771	rVB2	15855	25148	1.94%	0.140%
8	7.871	825	831	839	rBV	83912	142694	11.03%	0.793%
9	8.588	947	953	961	rBV2	76012	132381	10.24%	0.736%
10	9.029	1020	1028	1035	rVB	65421	113858	8.80%	0.633%
11	9.581	1117	1122	1128	rVB2	10881	16802	1.30%	0.093%
12	9.752	1145	1151	1159	rVB	60117	105039	8.12%	0.584%
13	10.298	1237	1244	1253	rBV	86063	152149	11.76%	0.846%
14	10.439	1262	1268	1279	rBV3	15046	27711	2.14%	0.154%
15	10.662	1299	1306	1314	rBV	110350	192673	14.90%	1.071%
16	10.803	1324	1330	1338	rVB	72242	132364	10.23%	0.736%
17	11.408	1426	1433	1441	rBV2	32635	61603	4.76%	0.342%
18	13.911	1853	1859	1865	rVV	182710	259988	20.10%	1.445%
19	14.199	1902	1908	1914	rVV2	183927	282664	21.85%	1.571%
20	14.505	1953	1960	1967	rBV	188036	286889	22.18%	1.595%
21	14.710	1989	1995	1996	rBV	482628	569689	44.05%	3.167%
22	14.734	1996	1999	2016	rVV	623343	943917	72.98%	5.248%
23	15.504	2123	2130	2135	rBV	279626	405382	31.34%	2.254%
24	15.556	2135	2139	2147	rVB	6974	9436	0.73%	0.052%
25	15.639	2147	2153	2162	rBV2	97045	143393	11.09%	0.797%
26	16.914	2364	2370	2376	rVB3	5598	9760	0.75%	0.054%
27	17.072	2393	2397	2402	rVB	7645	11147	0.86%	0.062%
28	17.260	2420	2429	2432	rBV	260727	406383	31.42%	2.259%
29	17.302	2432	2436	2440	rVV	225948	333203	25.76%	1.852%
30	17.354	2440	2445	2450	rVV	344124	524111	40.52%	2.914%
31	17.390	2450	2451	2456	rVB	51161	43416	3.36%	0.241%
32	17.448	2456	2461	2468	rVB3	6762	10818	0.84%	0.060%
33	17.660	2489	2497	2503	rBV2	32480	62545	4.84%	0.348%
34	17.924	2538	2542	2549	rVV6	8420	13541	1.05%	0.075%
35	18.136	2569	2578	2582	rBV	33966	65528	5.07%	0.364%
36	18.183	2582	2586	2592	rVV	55000	83830	6.48%	0.466%

LSC Area Percent Report

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Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5S4

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	18.265	2594	2600	2604	rVB2	15155	22151	1.71%	0.123%
38	18.330	2604	2611	2615	rBV2	51341	101326	7.83%	0.563%
39	18.365	2615	2617	2623	rVB2	30066	35045	2.71%	0.195%
40	18.482	2633	2637	2641	rBV2	7248	10309	0.80%	0.057%
41	18.635	2658	2663	2666	rBV	29368	39070	3.02%	0.217%
42	18.676	2666	2670	2678	rVB4	18272	26268	2.03%	0.146%
43	18.882	2698	2705	2708	rBV4	10079	15091	1.17%	0.084%
44	18.929	2710	2713	2717	rBV	8098	9942	0.77%	0.055%
45	18.970	2717	2720	2724	rVB5	10331	12362	0.96%	0.069%
46	19.052	2724	2734	2738	rBV4	24876	59224	4.58%	0.329%
47	19.099	2739	2742	2748	rVB4	15355	21514	1.66%	0.120%
48	19.141	2748	2749	2754	rVB4	9485	8542	0.66%	0.047%
49	19.199	2754	2759	2768	rBV6	21475	50160	3.88%	0.279%
50	19.317	2771	2779	2785	rVB	718178	995858	77.00%	5.537%
51	19.381	2785	2790	2792	rBV4	8256	13465	1.04%	0.075%
52	19.411	2792	2795	2799	rVB2	13697	17992	1.39%	0.100%
53	19.522	2807	2814	2816	rBV7	11760	26057	2.01%	0.145%
54	19.558	2817	2820	2825	rVB	20554	25497	1.97%	0.142%
55	19.652	2829	2836	2838	rBV2	525848	798656	61.75%	4.440%
56	19.681	2838	2841	2848	rVB	589659	805680	62.29%	4.479%
57	19.746	2848	2852	2859	rVB2	36519	56817	4.39%	0.316%
58	19.857	2865	2871	2877	rBV	47109	72580	5.61%	0.404%
59	19.916	2877	2881	2886	rBV	35162	52053	4.02%	0.289%
60	19.998	2888	2895	2897	rBV2	48611	89756	6.94%	0.499%
61	20.057	2902	2905	2908	rVV2	7660	8658	0.67%	0.048%
62	20.169	2911	2924	2930	rVV	130597	281874	21.79%	1.567%
63	20.274	2936	2942	2945	rBV	80095	114633	8.86%	0.637%
64	20.333	2945	2952	2956	rVB2	57776	102652	7.94%	0.571%
65	20.404	2962	2964	2970	rBV4	14070	20340	1.57%	0.113%
66	20.468	2970	2975	2979	rBV	48295	74287	5.74%	0.413%
67	20.515	2979	2983	2987	rVB	53294	75163	5.81%	0.418%
68	20.662	3005	3008	3015	rVB8	18195	32517	2.51%	0.181%
69	20.727	3015	3019	3022	rBV6	15784	25010	1.93%	0.139%
70	20.762	3022	3025	3028	rBV5	14576	22587	1.75%	0.126%
71	20.833	3035	3037	3040	rVB4	10574	10156	0.79%	0.056%
72	20.880	3043	3045	3049	rVV4	15169	25497	1.97%	0.142%
73	20.927	3049	3053	3061	rVB	58059	100018	7.73%	0.556%
74	21.103	3076	3083	3086	rBV3	63889	125697	9.72%	0.699%
75	21.144	3086	3090	3093	rVV	74614	119709	9.26%	0.666%
76	21.197	3093	3099	3103	rVV3	78614	196845	15.22%	1.094%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5S4

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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Peak separation: 5

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

77	21.250	3105	3108	3113	rVB	53788	87873	6.79%	0.489%
78	21.497	3140	3150	3156	rBV3	521528	1293391	100.00%	7.191%
79	21.555	3156	3160	3172	rVB	420915	688767	53.25%	3.829%
80	21.702	3181	3185	3189	rBV2	28658	46864	3.62%	0.261%
81	21.902	3214	3219	3226	rBV2	58479	120594	9.32%	0.670%
82	22.208	3266	3271	3277	rVB2	57202	112919	8.73%	0.628%
83	22.284	3279	3284	3289	rVB2	45795	83352	6.44%	0.463%
84	22.366	3293	3298	3303	rBV4	19754	41464	3.21%	0.231%
85	22.419	3303	3307	3311	rVV2	27433	42471	3.28%	0.236%
86	22.478	3313	3317	3320	rVV3	34500	64600	4.99%	0.359%
87	22.513	3321	3323	3332	rVB5	40080	75839	5.86%	0.422%
88	22.607	3333	3339	3346	rBV4	25639	60090	4.65%	0.334%
89	22.918	3388	3392	3401	rVB7	38758	94947	7.34%	0.528%
90	23.400	3472	3474	3484	rVB10	13009	22917	1.77%	0.127%
91	23.624	3503	3512	3519	rBV	273750	882673	68.24%	4.907%
92	23.864	3547	3553	3561	rVB	47119	110887	8.57%	0.616%
93	24.064	3579	3587	3591	rBV5	22890	61764	4.78%	0.343%
94	24.311	3621	3629	3634	rBV	142714	354162	27.38%	1.969%
95	24.381	3634	3641	3647	rVV2	242459	658915	50.94%	3.663%
96	24.452	3647	3653	3663	rVB	230792	591062	45.70%	3.286%
97	24.599	3667	3678	3685	rBV	195469	555937	42.98%	3.091%
98	24.663	3685	3689	3702	rVB3	60523	173954	13.45%	0.967%
99	28.083	4260	4271	4292	rVB4	95611	464263	35.90%	2.581%
100	29.176	4443	4457	4472	rVV3	67817	339194	26.23%	1.886%

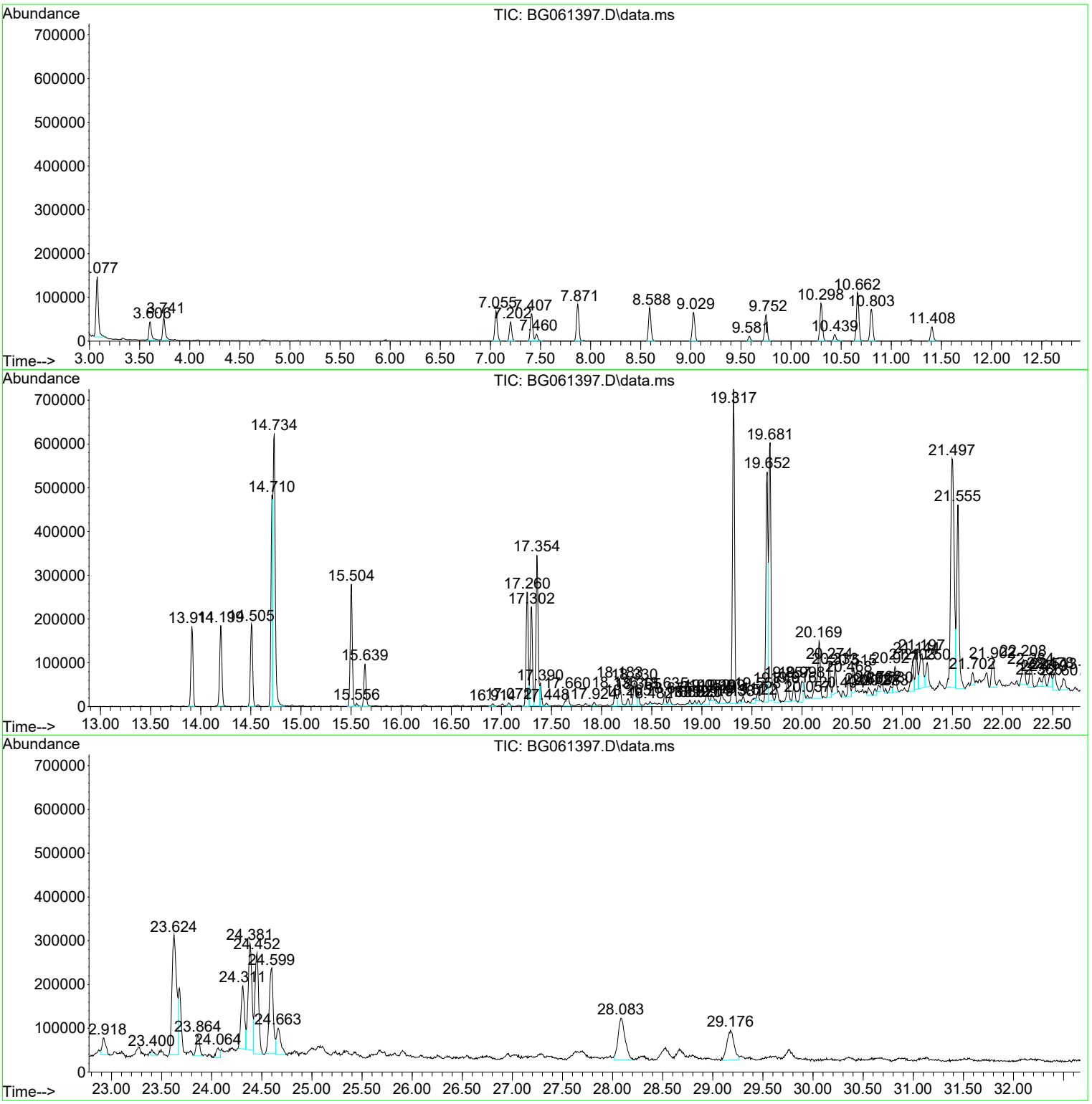
Sum of corrected areas: 17987108

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

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 : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

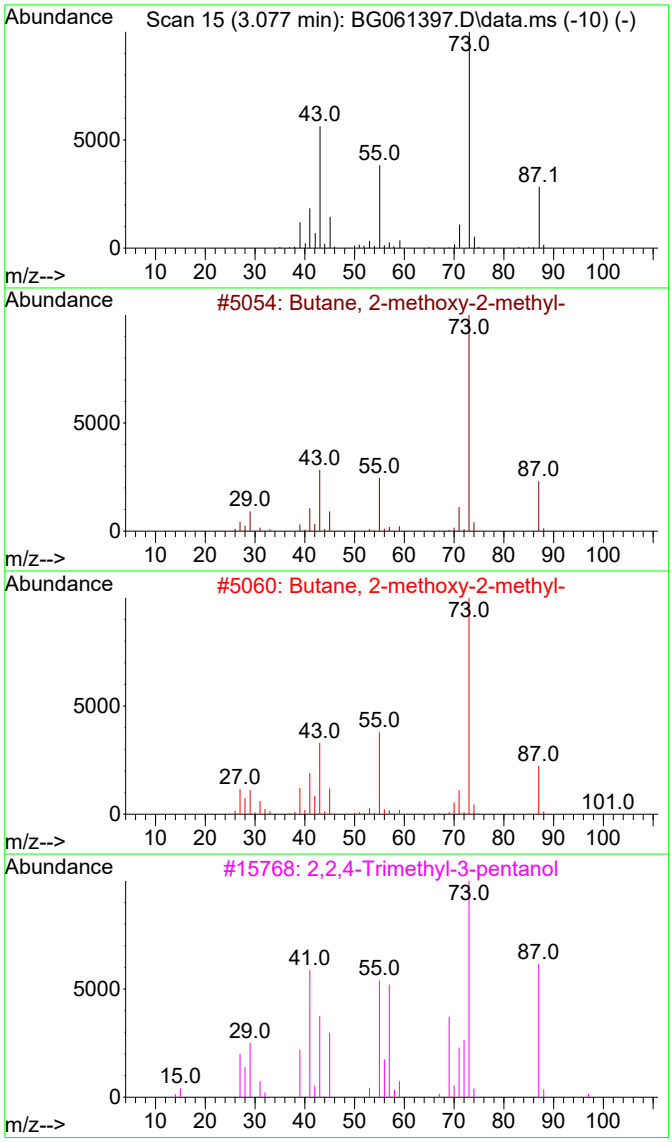
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

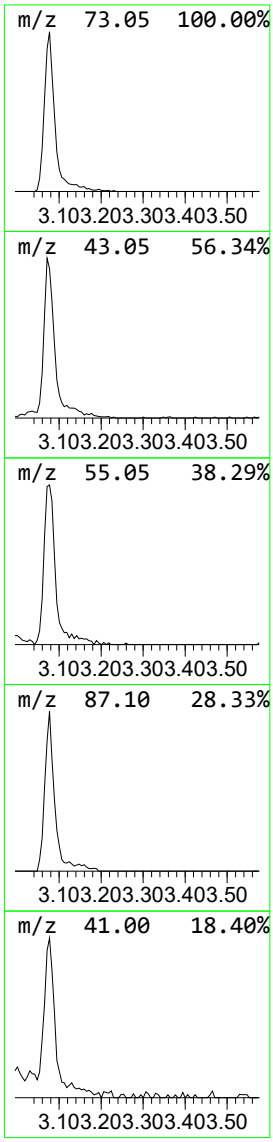
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.077	32.39 ng/ul	231105	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

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

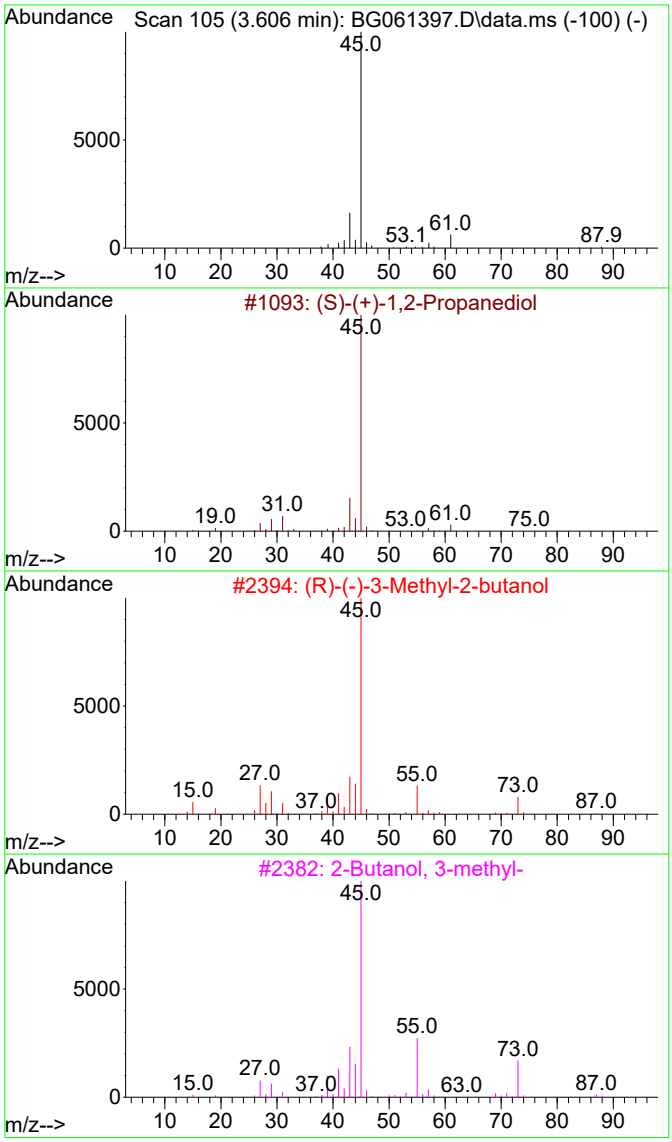
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

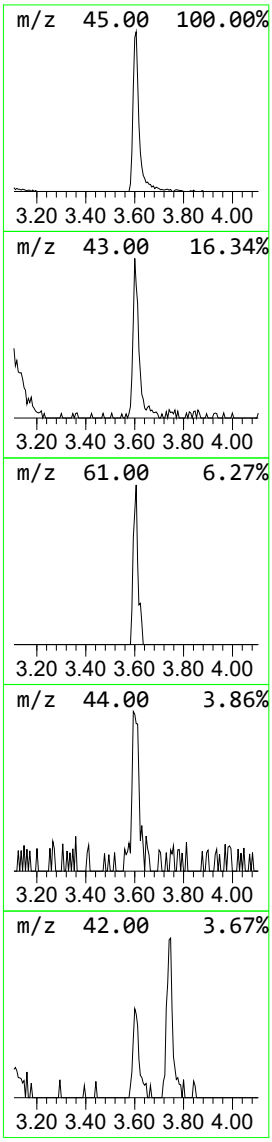
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.606	10.40 ng/ul	74178	1,4-Dichlorobenzene-d4	7.871

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
4	Butane, 1-methoxy-	88	C5H12O	000628-28-4	9
5	Muramic acid	251	C9H17NO7	001114-41-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

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

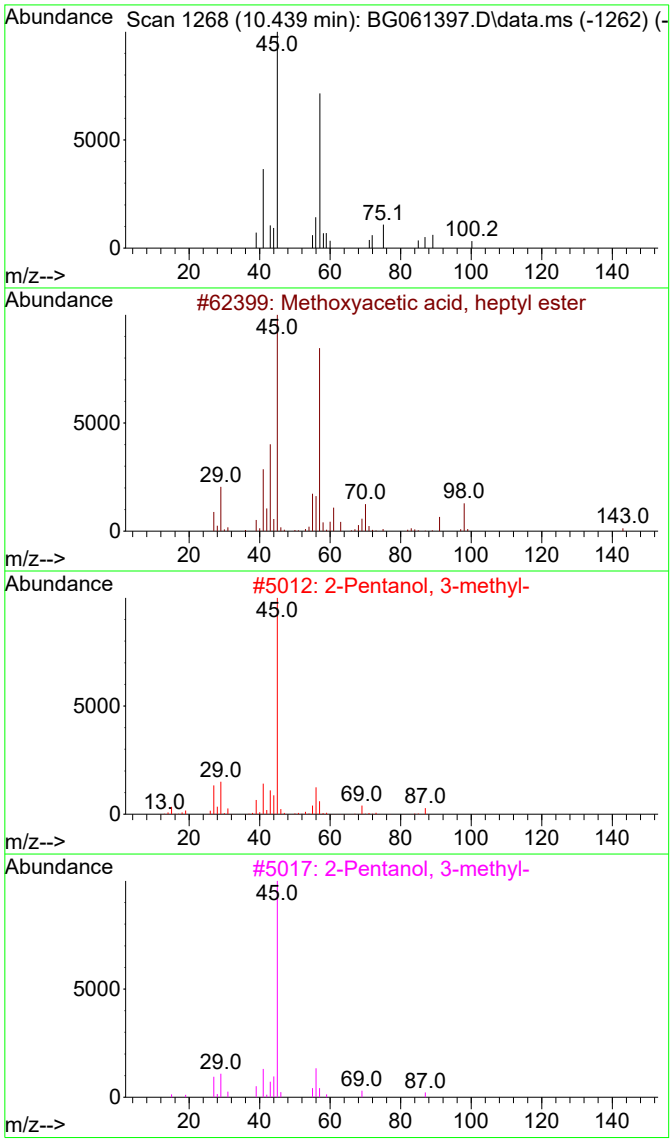
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

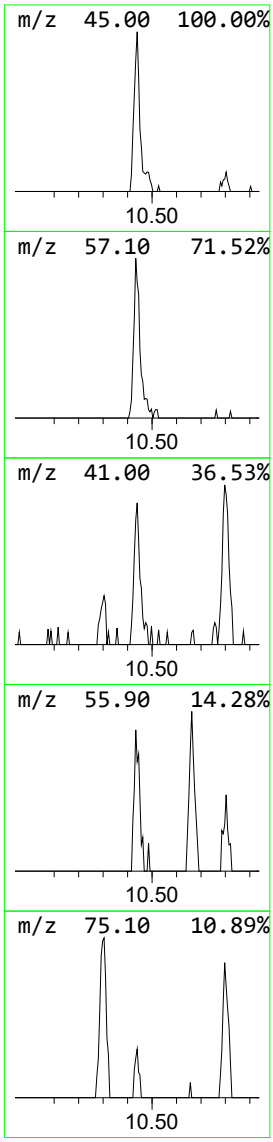
****

Peak Number 3 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	2.88 ng/ul	27711	Naphthalene-d8	10.662

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	45
2	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	38
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	38
4	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	38
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

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

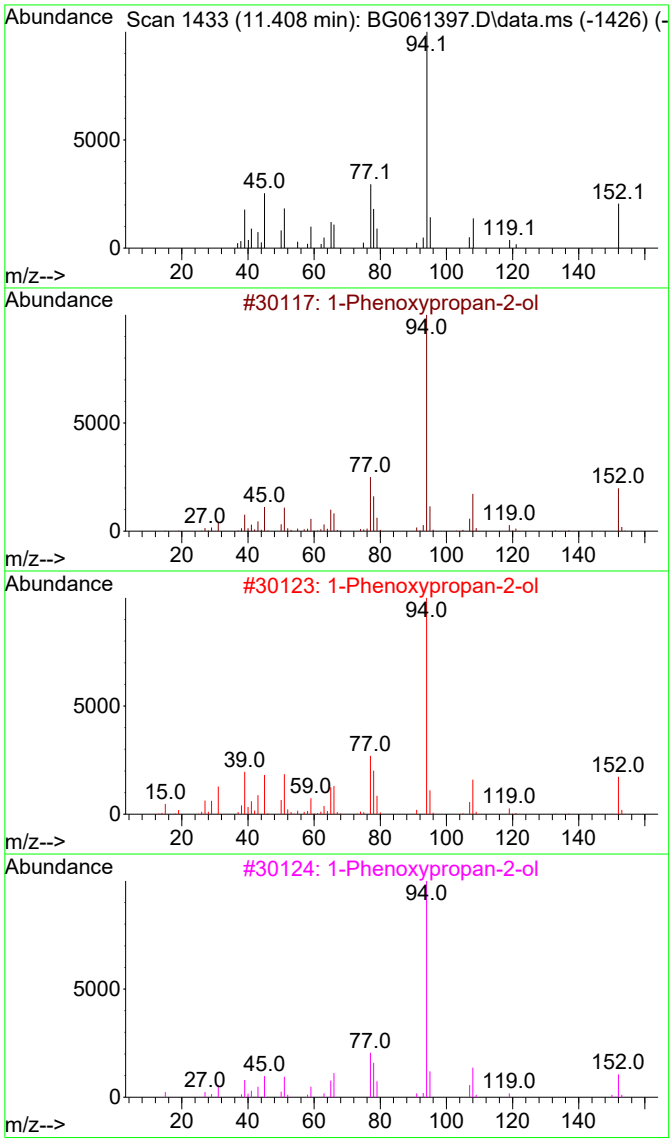
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

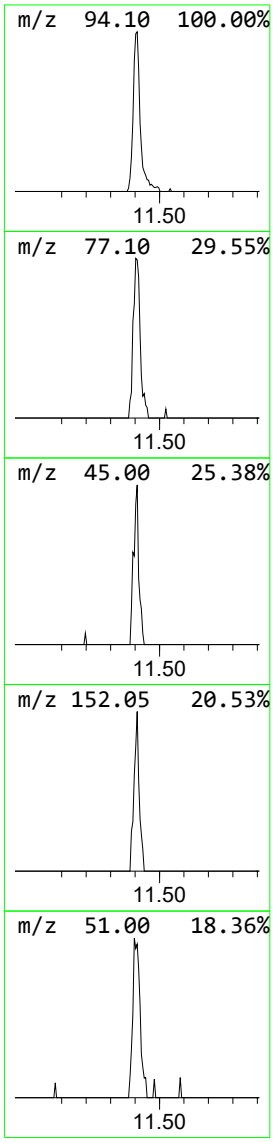
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	6.39 ng/ul	61603	Naphthalene-d8	10.662

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	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

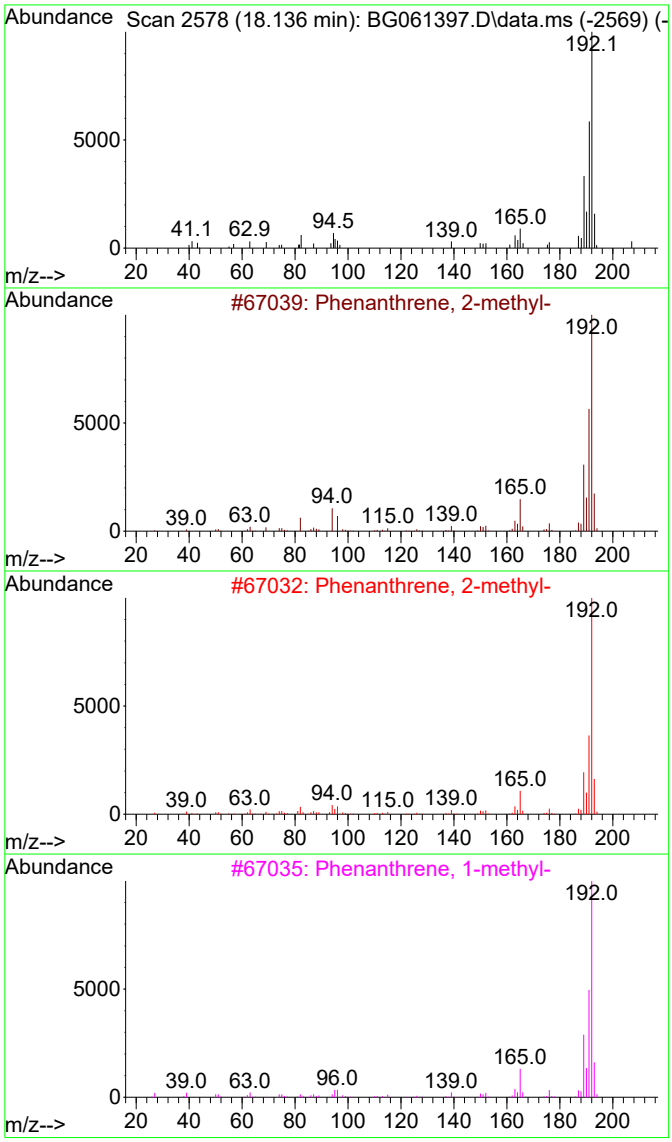
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

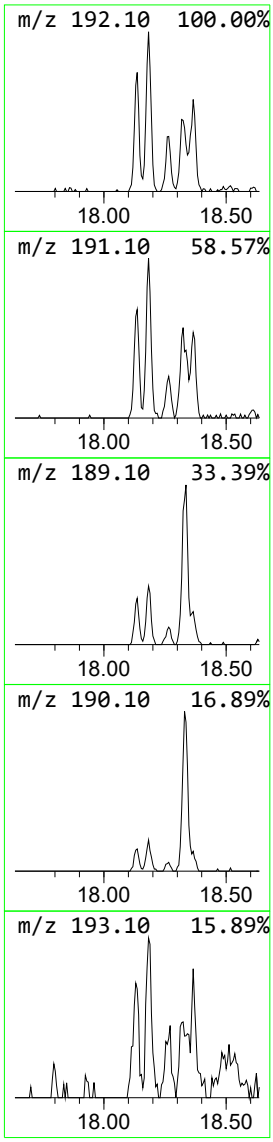
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.136	3.22 ng/ul	65528	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

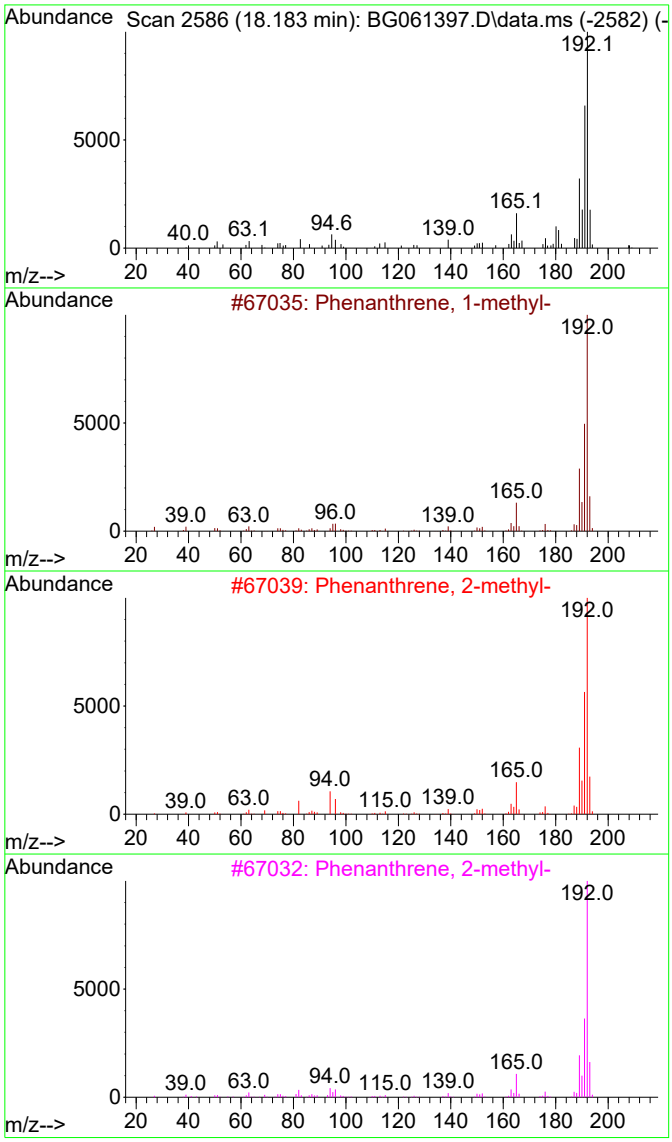
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

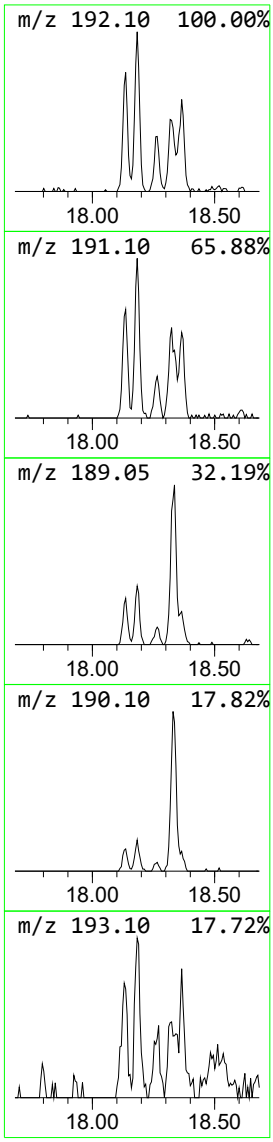
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.183	4.13 ng/ul	83830	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

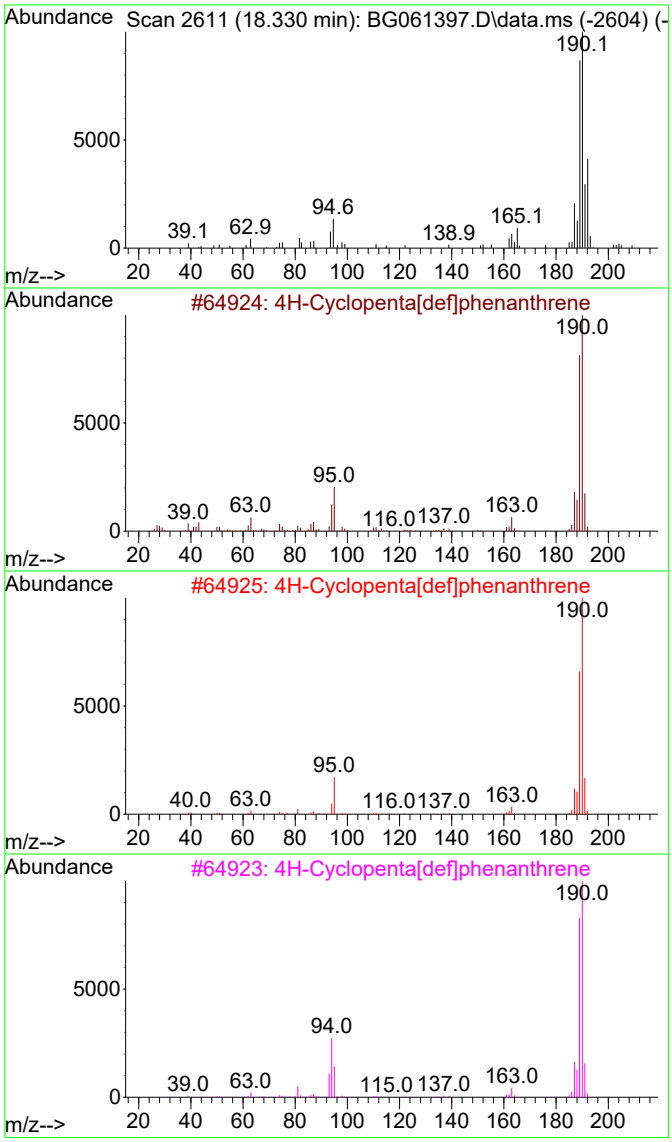
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

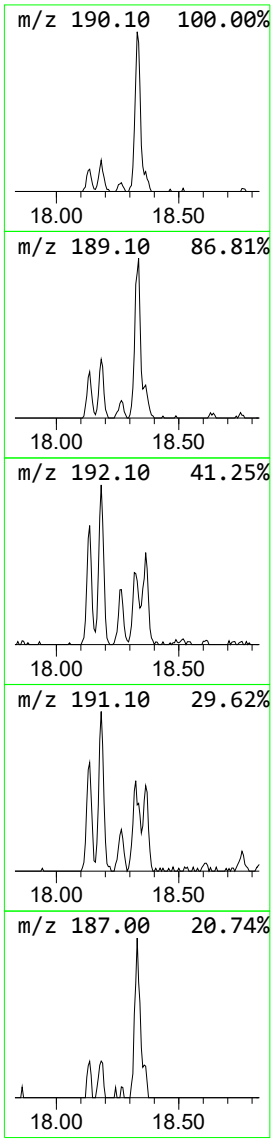
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	4.99 ng/ul	101326	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35





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Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

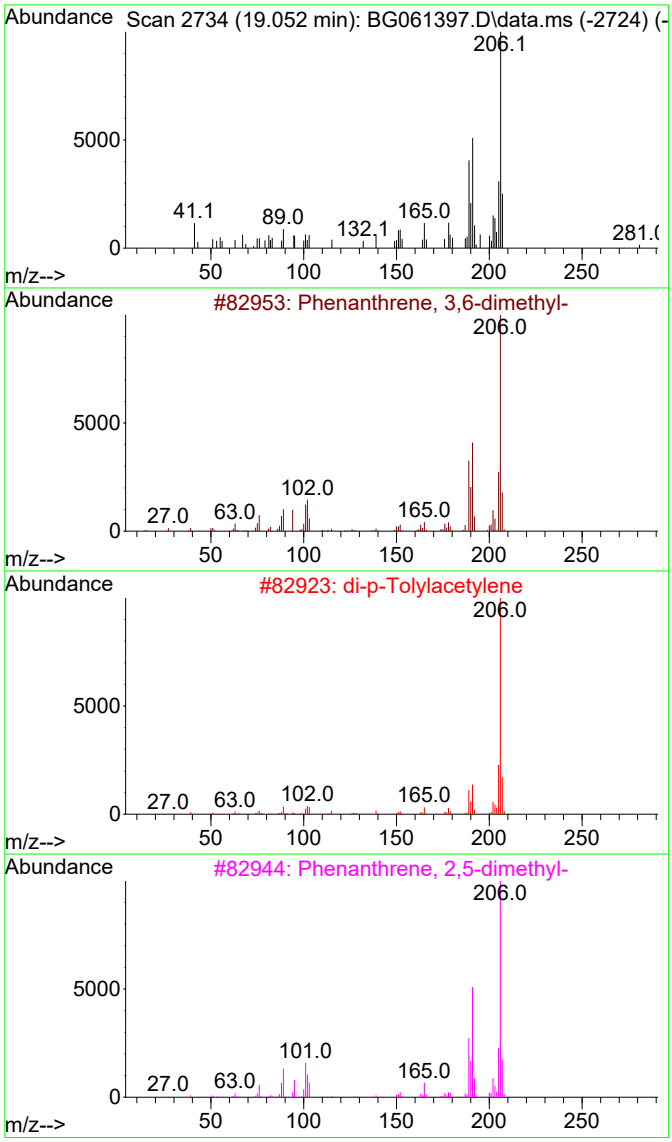
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

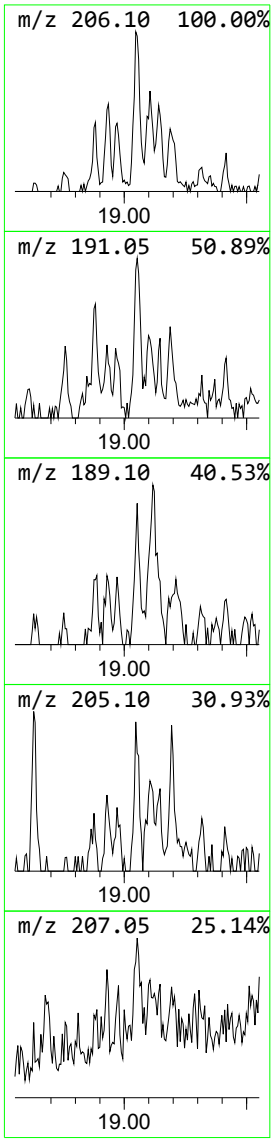
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.052	2.91 ng/ul	59224	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

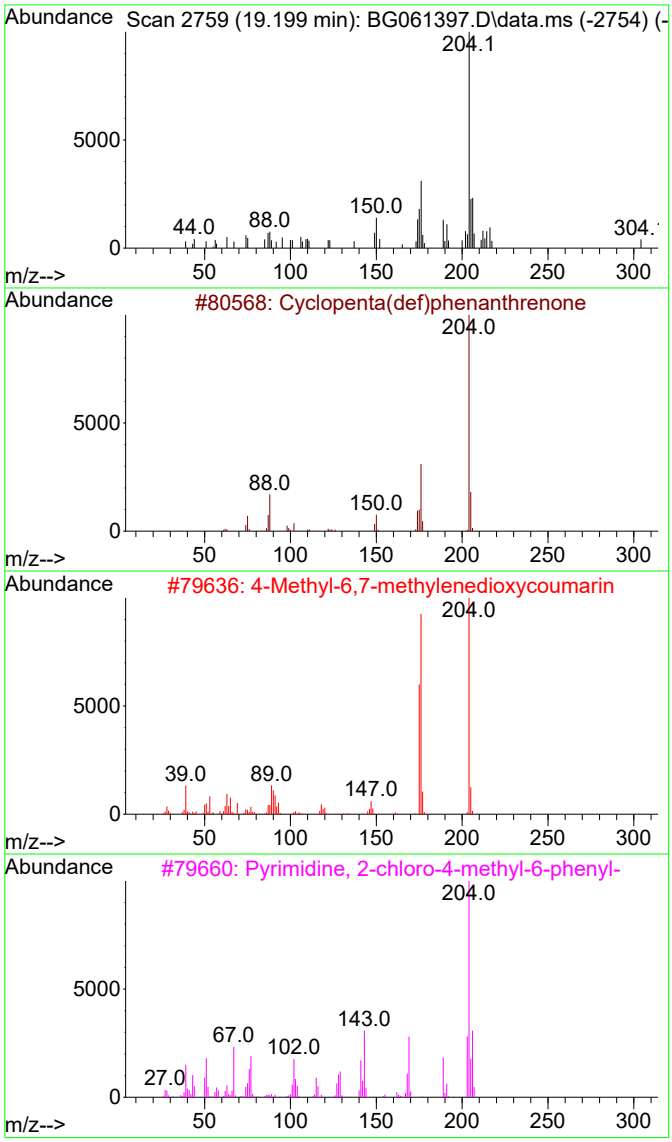
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

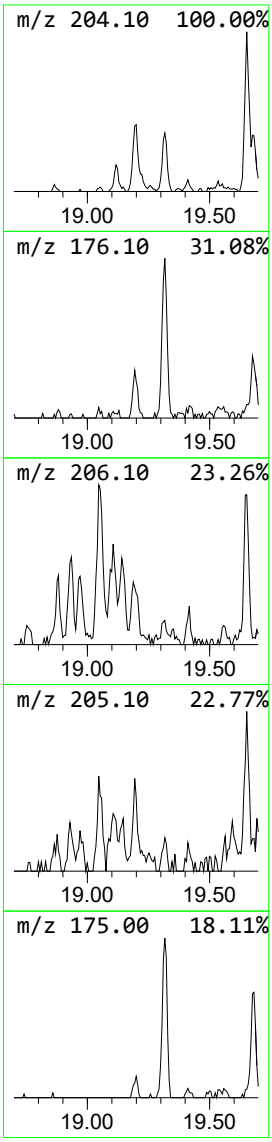
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.199	2.47 ng/ul	50160	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	49
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

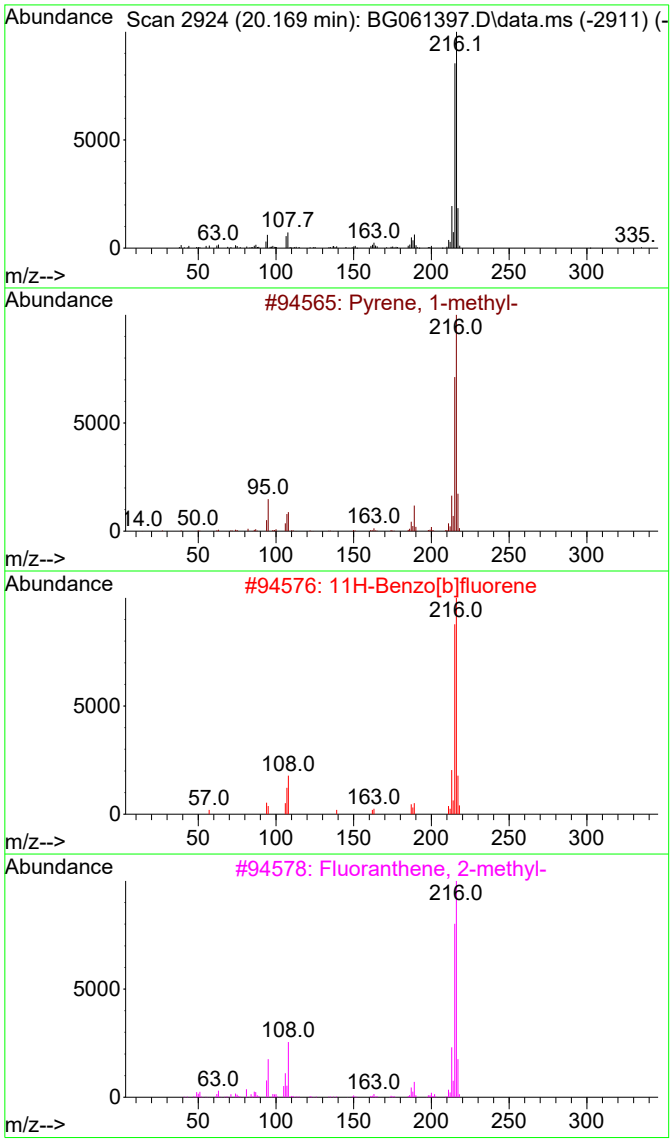
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

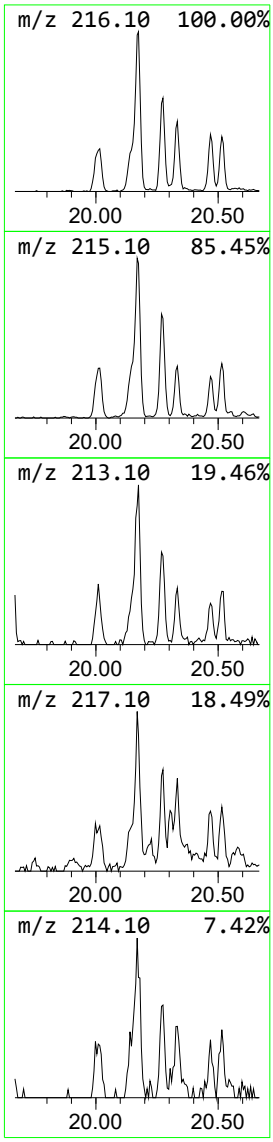
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	4.36 ng/ul	281874	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

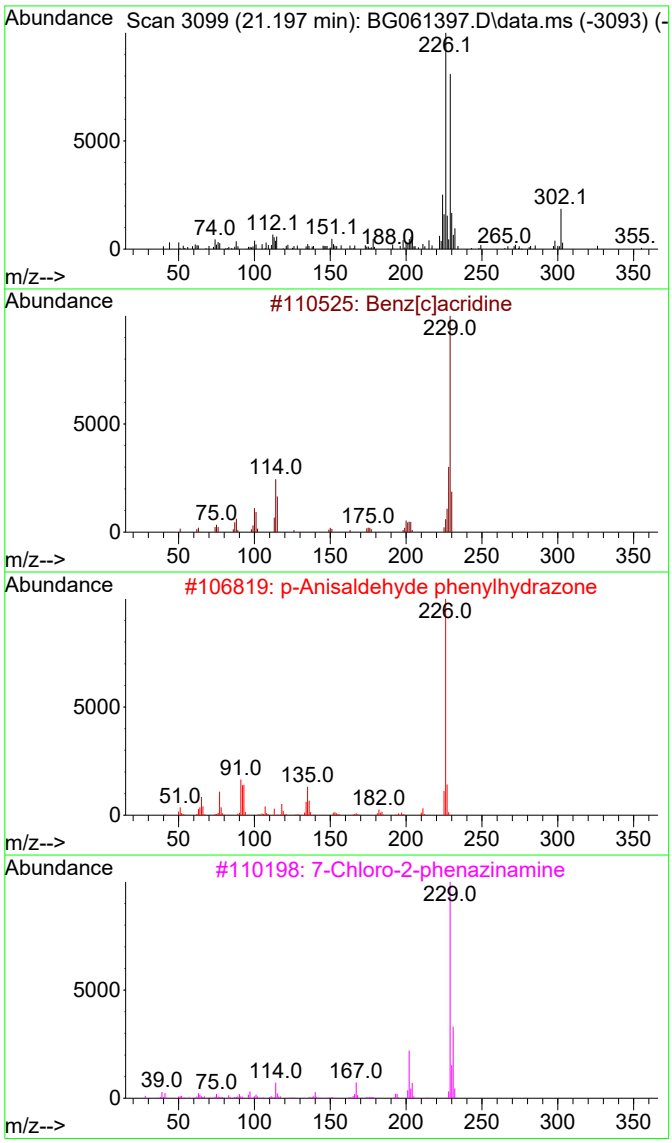
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

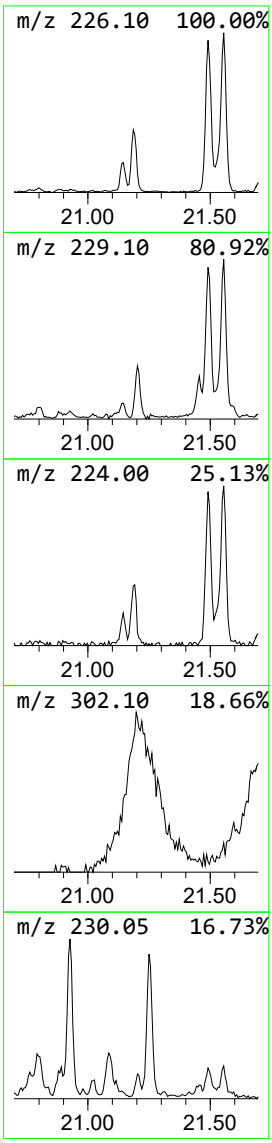
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	3.04 ng/ul	196845	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	41
2	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	30
3	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	30
4	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	27
5	N-(2-Methyl-5-oxo-5H-chromeno[3,...	282	C16H14N2O3	1000295-08-0	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

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

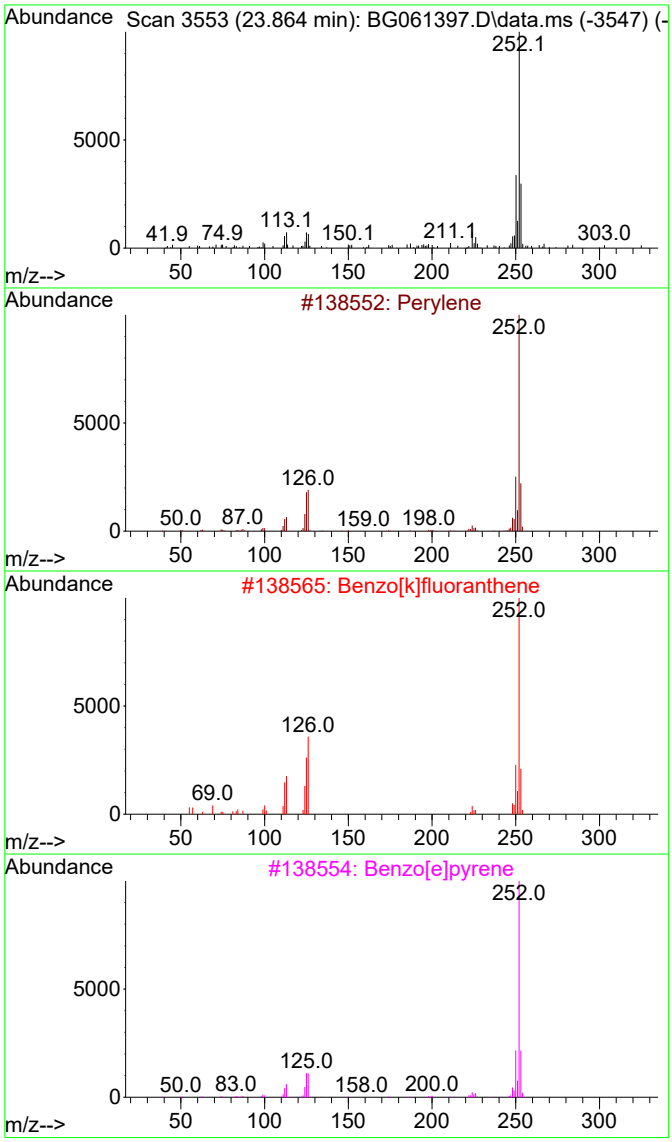
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

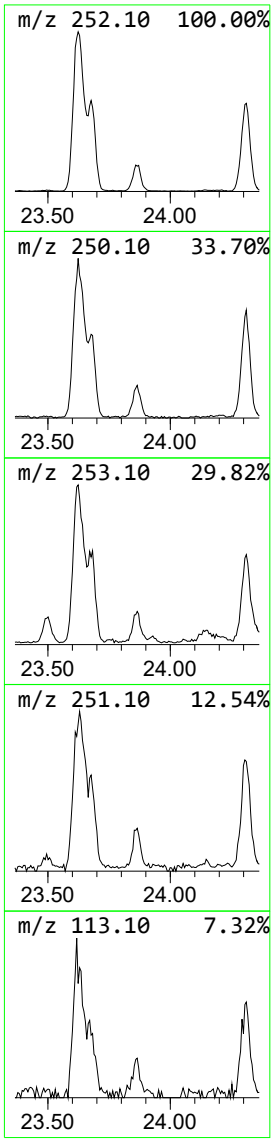
****

Peak Number 12 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.864	3.99 ng/ul	110887	Perylene-d12	24.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	89
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	74
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74





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Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

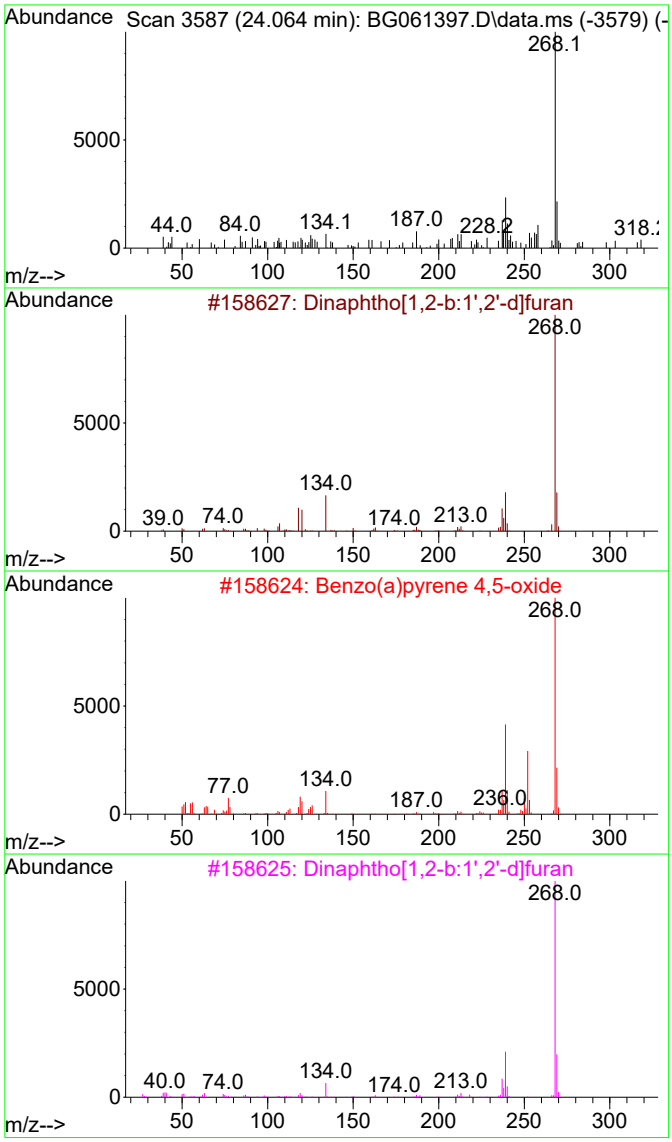
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

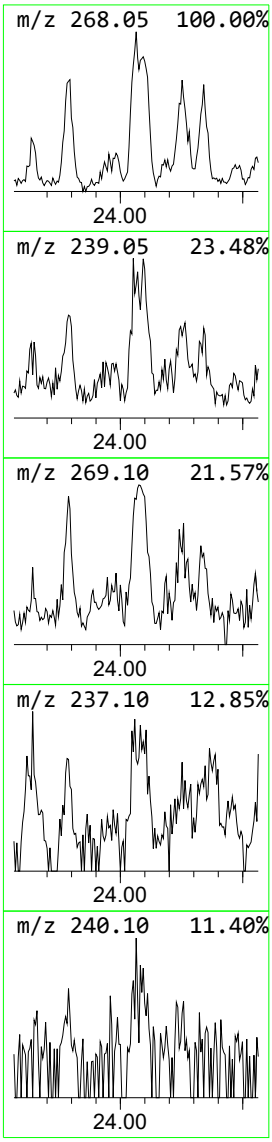
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.064	2.22 ng/ul	61764	Perylene-d12	24.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	74
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	72
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	58
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

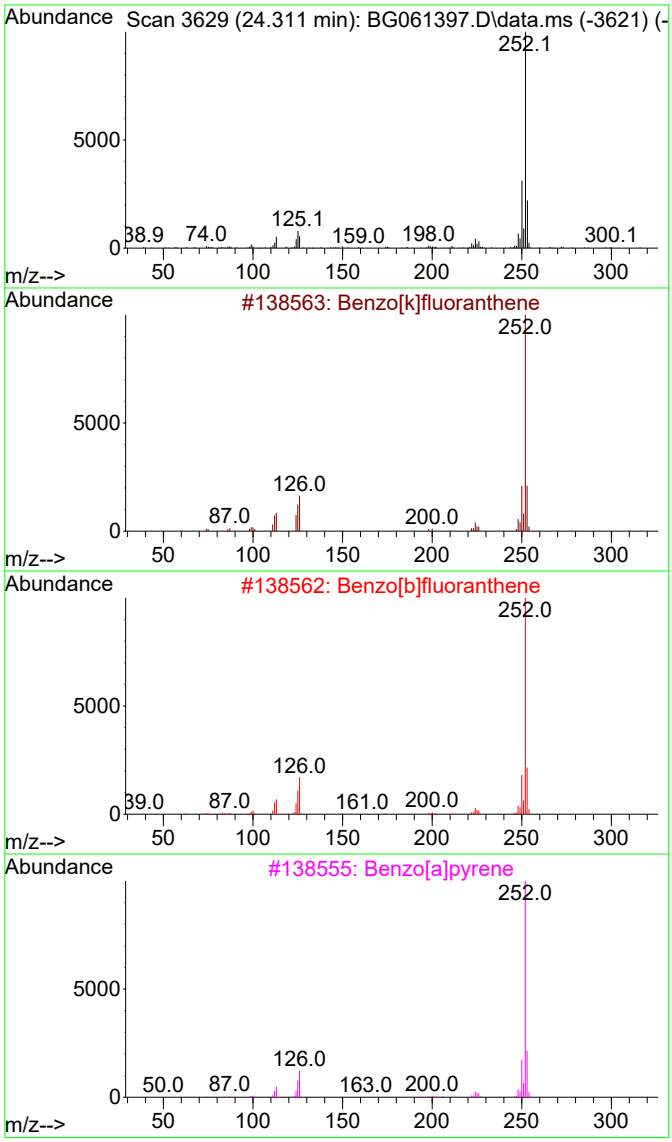
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

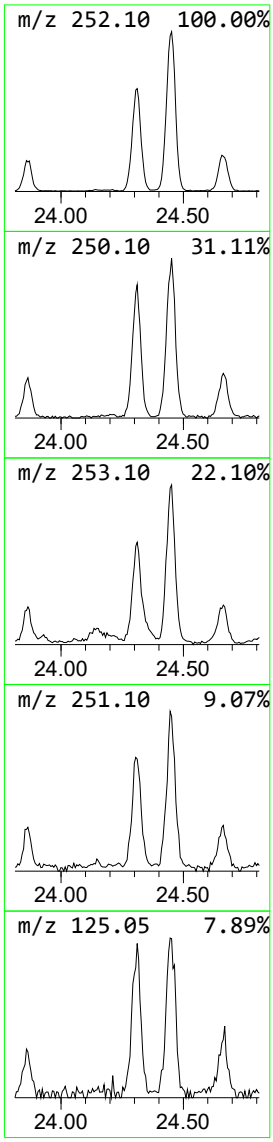
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.311	12.74 ng/ul	354162	Perylene-d12	24.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

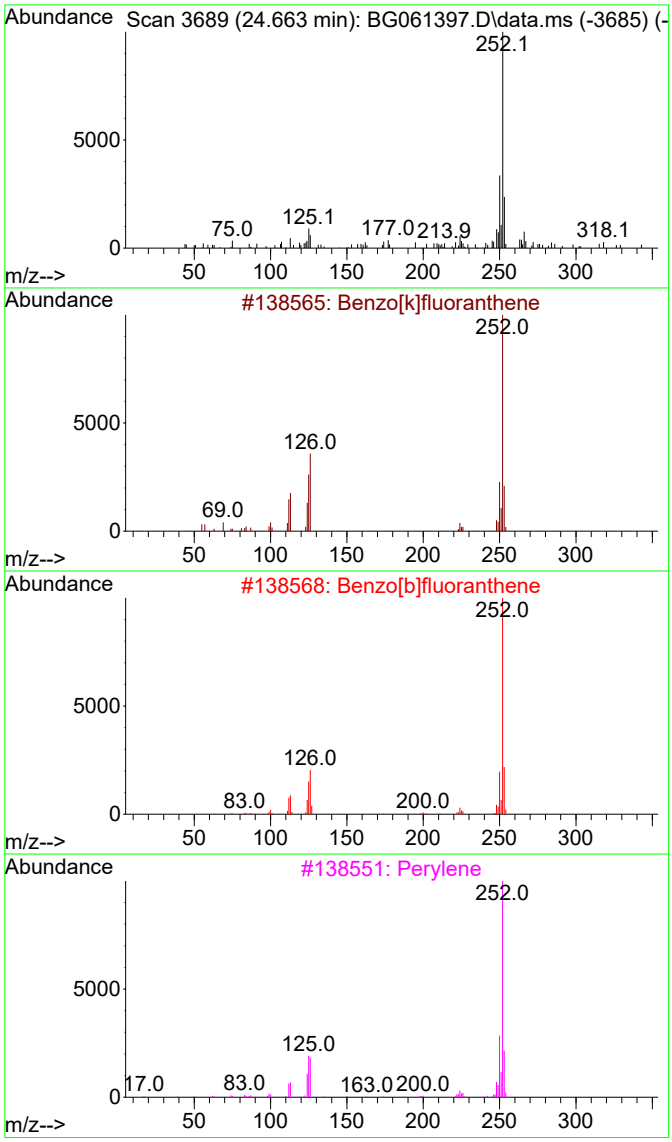
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

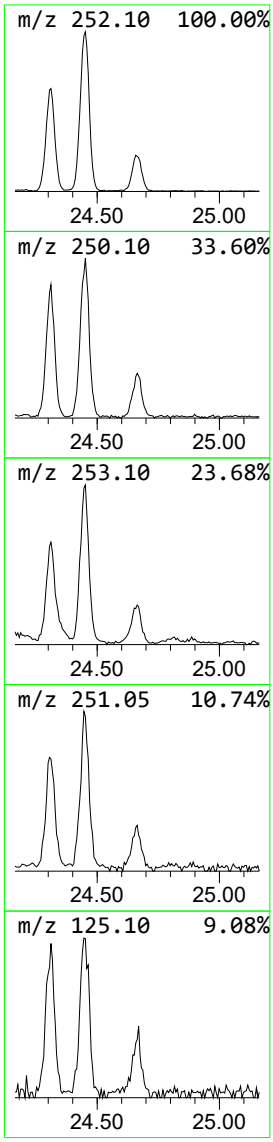
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.663	6.26 ng/ul	173954	Perylene-d12	24.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	68
3	Perylene	252	C20H12	000198-55-0	62
4	Benzo[a]pyrene	252	C20H12	000050-32-8	62
5	Benzo[e]pyrene	252	C20H12	000192-97-2	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061397.D
Acq On : 31 May 2024 17:31
Operator : MA/JU
Sample : P2588-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5S4

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	32.4	ng/ul	231105	1	7.871	142694	20.0
unknown-01	3.606	10.4	ng/ul	74178	1	7.871	142694	20.0
unknown-02	10.439	2.9	ng/ul	27711	2	10.662	192673	20.0
1-Phenoxypropan...	11.408	6.4	ng/ul	61603	2	10.662	192673	20.0
Phenanthrene, 2...	18.136	3.2	ng/ul	65528	4	17.260	406383	20.0
Phenanthrene, 1...	18.183	4.1	ng/ul	83830	4	17.260	406383	20.0
4H-Cyclopenta[d...	18.330	5.0	ng/ul	101326	4	17.260	406383	20.0
Phenanthrene, 3...	19.052	2.9	ng/ul	59224	4	17.260	406383	20.0
Cyclopenta(def)...	19.199	2.5	ng/ul	50160	4	17.260	406383	20.0
Pyrene, 1-methyl-	20.169	4.4	ng/ul	281874	5	21.514	1293390	20.0
unknown-03	21.197	3.0	ng/ul	196845	5	21.514	1293390	20.0
Perylene	23.864	4.0	ng/ul	110887	6	24.593	555937	20.0
Dinaphtho[1,2-b...	24.064	2.2	ng/ul	61764	6	24.593	555937	20.0
Benzo[e]pyrene	24.311	12.7	ng/ul	354162	6	24.593	555937	20.0
unknown-04	24.663	6.3	ng/ul	173954	6	24.593	555937	20.0