LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5Y1

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: BG061284.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.084	10	16	47	rVB	1189230	1957078	100.00%	14.040%
2	7.061	688	693	702	rVB	40920	67338	3.44%	0.483%
3	7.214	714	719	725	rVB	25519	40037	2.05%	0.287%
4	7.420	748	754	760	rBV	38034	59384	3.03%	0.426%
5	7.884	827	833	840	rBV	91009	151389	7.74%	1.086%
6	8.601	948	955	963	rBV	43495	71900	3.67%	0.516%
7	9.041	1023	1030	1039	rVB	40768	68417	3.50%	0.491%
8	9.764	1145	1153	1160	rBV2	36338	61560	3.15%	0.442%
9	10.310	1238	1246	1253	rBV2	48793	84563	4.32%	0.607%
10	10.681	1301	1309	1315	rBV	137035	236616	12.09%	1.697%
11	10.816	1325	1332	1340	rBV2	38192	67755	3.46%	0.486%
12	13.924	1853	1861	1868	rVV	102602	145740	7.45%	1.046%
13	14.212	1903	1910	1921	rVB2	107776	164086	8.38%	1.177%
14	14.517	1955	1962	1968	rBV	250083	379746	19.40%	2.724%
15	14.582	1968	1973	1980	rVB2	19958	30786	1.57%	0.221%
16	14.752	1992	2002	2012	rBV3	26338	54802	2.80%	0.393%
17	14.917	2022	2030	2038	rBV	12112	20326	1.04%	0.146%
18	15.510	2124	2131	2137	rBV	152609	219831	11.23%	1.577%
19	15.569	2137	2141	2145	rVV	22865	32598	1.67%	0.234%
20	15.645	2148	2154	2161	rBV2	41522	62869	3.21%	0.451%
21	16.920	2367	2371	2377	rVB2	12848	18184	0.93%	0.130%
22	17.020	2377	2388	2392	rBV5	14498	23918	1.22%	0.172%
23	17.085	2395	2399	2405	rVB	13108	18158	0.93%	0.130%
24	17.267	2423	2430	2434	rBV	332789	532851	27.23%	3.823%
25	17.308	2434	2437	2442	rVV	354009	480186	24.54%	3.445%
26	17.367	2442	2447	2450	rVV	174815	264734	13.53%	1.899%
27	17.396	2450	2452	2458	rVV	58819	75409	3.85%	0.541%
28	17.461	2458	2463	2468	rVB2	8918	13000	0.66%	0.093%
29	17.672	2488	2499	2504	rBV2	43975	73336	3.75%	0.526%
30	18.142	2574	2579	2583	rBV	37916	50301	2.57%	0.361%
31	18.189	2583	2587	2592	rVB	49870	73255	3.74%	0.526%
32	18.272	2597	2601	2606	rBV2	14219	20699	1.06%	0.148%
33	18.336	2606	2612	2616	rVV2	52004	92585	4.73%	0.664%
34	18.378	2616	2619	2626	rVB	24052	32431	1.66%	0.233%
35	18.642	2659	2664	2668	rBV	29071	39135	2.00%	0.281%
36	18.683	2668	2671	2677	rVB2	26202	35765	1.83%	0.257%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH5Y1

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	18.889	2703	2706	2711	rVV5	10933	13456	0.69%	0.097%
38	19.059	2729	2735	2741	rBV4	18612	38099	1.95%	0.273%
39	19.124	2741	2746	2749	rVV5	12043	24005	1.23%	0.172%
40	19.206	2755	2760	2767	rVV3	16917	34366	1.76%	0.247%
41	19.323	2774	2780	2786	rVV	563026	775361	39.62%	5.562%
42	19.417	2794	2796	2801	rVB3	11319	14002	0.72%	0.100%
43	19.517	2807	2813	2816	rBV4	8892	15395	0.79%	0.110%
44	19.564	2818	2821	2825	rVB2	10171	15800	0.81%	0.113%
45	19.658	2831	2837	2839	rBV2	299761	466512	23.84%	3.347%
46	19.688	2839	2842	2849	rVB	428189	562965	28.77%	4.039%
47	19.752	2849	2853	2857	rBV2	21182	30548	1.56%	0.219%
48	19.793	2857	2860	2864	rVB3	23039	27673	1.41%	0.199%
49	19.864	2866	2872	2877	rBV	29039	45344	2.32%	0.325%
50	19.923	2877	2882	2887	rVB2	21040	31218	1.60%	0.224%
51	20.005	2890	2896	2898	rBV	29751	52421	2.68%	0.376%
52	20.140	2914	2919	2921	rVV4	21565	37110	1.90%	0.266%
53	20.175	2921	2925	2931	rVB	82508	131888	6.74%	0.946%
54	20.275	2937	2942	2946	rBV	54380	74334	3.80%	0.533%
55	20.340	2946	2953	2956	rVV2	45445	88767	4.54%	0.637%
56	20.375	2956	2959	2963	rVV	16478	21200	1.08%	0.152%
57	20.416	2963	2966	2970	rVB2	11652	14974	0.77%	0.107%
58	20.475	2970	2976	2980	rBV	29533	44535	2.28%	0.319%
59	20.522	2980	2984	2988	rVV2	31811	44142	2.26%	0.317%
60	20.634	2997	3003	3007	rVB8	9709	24788	1.27%	0.178%
61	20.734	3015	3020	3023	rBV4	28219	41136	2.10%	0.295%
62	20.769	3023	3026	3029	rVV5	11605	13874	0.71%	0.100%
63	20.804	3029	3032	3036	rVB3	12449	19619	1.00%	0.141%
64	20.892	3043	3047	3050	rBV5	8761	14455	0.74%	0.104%
65	20.933	3050	3054	3060	rVB	39282	62748	3.21%	0.450%
66	21.110	3076	3084	3087	rBV3	47908	93845	4.80%	0.673%
67	21.151	3087	3091	3095	rVV2	46939	72779	3.72%	0.522%
68	21.204	3095	3100	3105	rVV2	55893	123502	6.31%	0.886%
69	21.256	3105	3109	3116	rVB2	47485	87200	4.46%	0.626%
70	21.380	3125	3130	3133	rBV	10989	20251	1.03%	0.145%
71	21.415	3133	3136	3140	rVV3	17521	20334	1.04%	0.146%
72	21.515	3141	3153	3158	rVV3	469643	1152226	58.87%	8.266%
73	21.562	3158	3161	3172	rVB	252132	395377	20.20%	2.836%
74	21.662	3174	3178	3180	rBV5	9481	12403	0.63%	0.089%
75	21.709	3182	3186	3191	rBV2	31573	49516	2.53%	0.355%
76	21.844	3207	3209	3214	rVB2	23548	33318	1.70%	0.239%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

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	21.909	3214	3220	3227	rBV3	41831	79035	4.04%	0.567%
78	21.967	3227	3230	3236	rBV6	10094	18331	0.94%	0.132%
79	22.114	3246	3255	3257	rBV9	10400	28908	1.48%	0.207%
80	22.144	3257	3260	3265	rVV4	10198	18549	0.95%	0.133%
81	22.220	3267	3273	3279	rVV	41561	83266	4.25%	0.597%
82	22.291	3281	3285	3291	rVV3	32439	55477	2.83%	0.398%
83	22.379	3294	3300	3304	rVV8	15654	32837	1.68%	0.236%
84	22.426	3304	3308	3312	rVV3	16971	32026	1.64%	0.230%
85	22.484	3314	3318	3321	rVV3	26116	44945	2.30%	0.322%
86	22.526	3322	3325	3332	rVB5	24112	45833	2.34%	0.329%
87	22.860	3378	3382	3383	rBV3	11414	13952	0.71%	0.100%
88	22.937	3389	3395	3397	rBV6	14805	28166	1.44%	0.202%
89	23.272	3449	3452	3459	rVB5	12225	26209	1.34%	0.188%
90	23.630	3504	3513	3520	rBV	170498	550945	28.15%	3.952%
91	23.877	3548	3555	3562	rBV2	26860	64218	3.28%	0.461%
92	24.065	3583	3587	3591	rBV5	11302	24012	1.23%	0.172%
93	24.323	3623	3631	3636	rBV	84246	217008	11.09%	1.557%
94	24.388	3636	3642	3648	rVV2	101882	253173	12.94%	1.816%
95	24.459	3648	3654	3667	rVB2	143315	379629	19.40%	2.723%
96	24.606	3669	3679	3687	rBV2	241077	695791	35.55%	4.992%
97	25.698	3859	3865	3872	rVB4	21480	54809	2.80%	0.393%
98	28.090	4260	4272	4292	rVB2	59369	292895	14.97%	2.101%
99	28.530	4334	4347	4348	rBV4	27227	65597	3.35%	0.471%
100	29.194	4447	4460	4470	rVB3	40694	171590	8.77%	1.231%

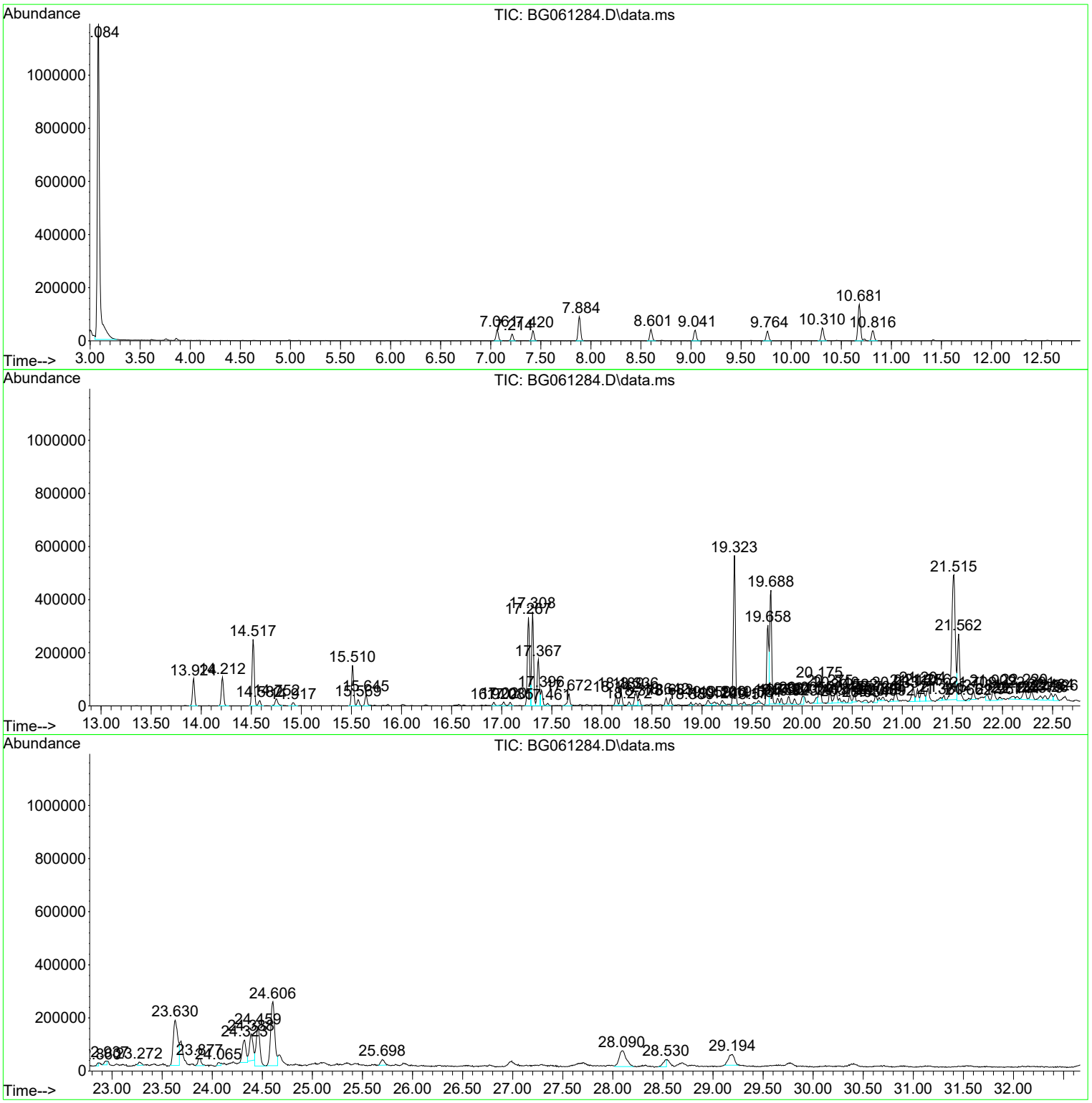
Sum of corrected areas: 13939455

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

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\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

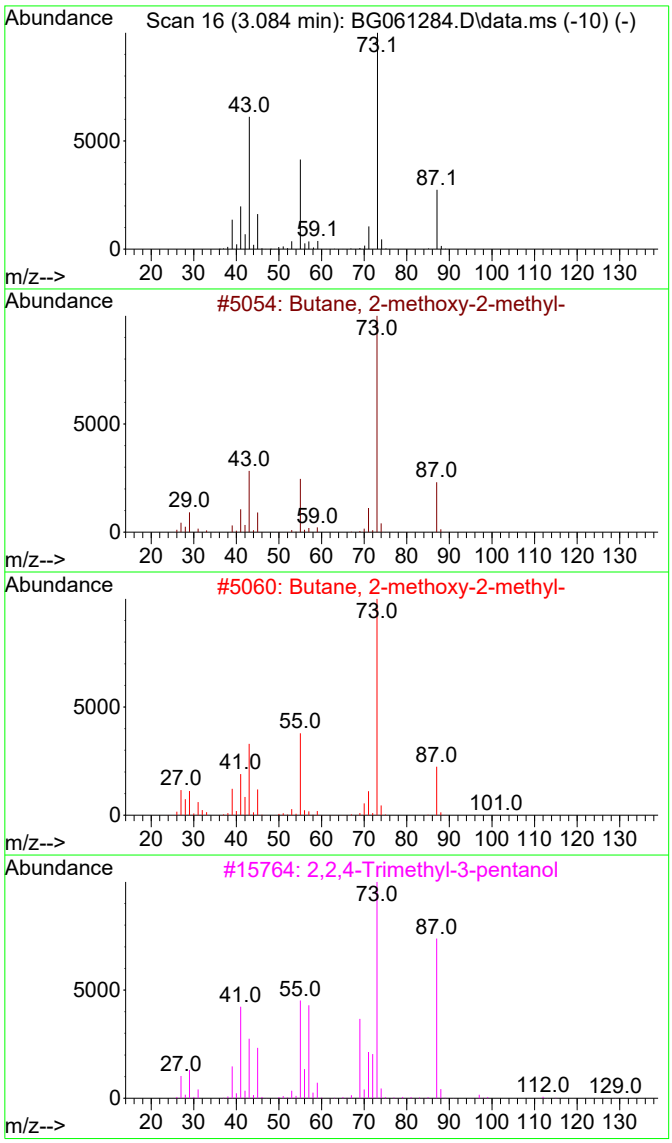
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

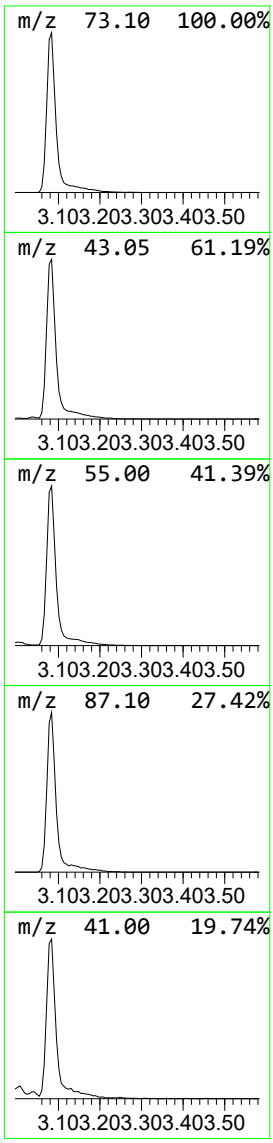
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.084	258.55 ng/ul	1957080	1,4-Dichlorobenzene-d4	7.884

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	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

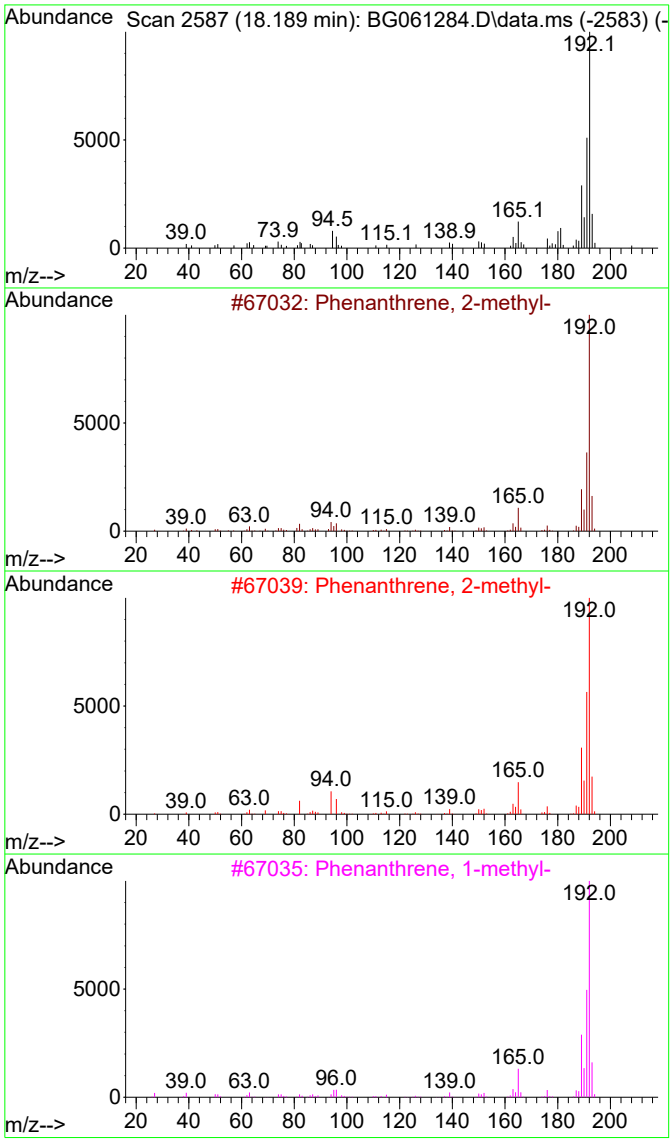
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

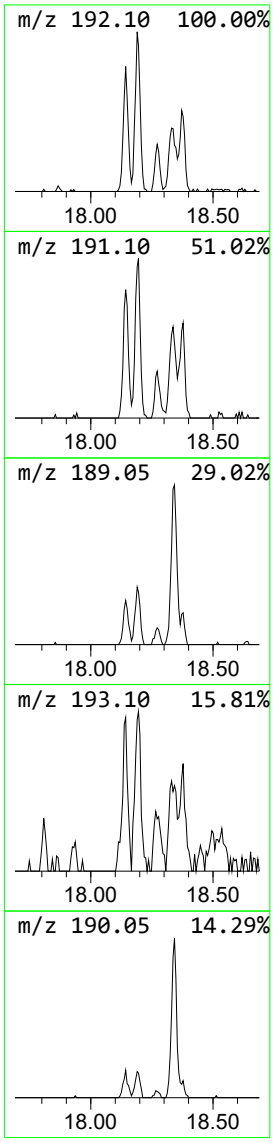
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	2.75 ng/ul	73255	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

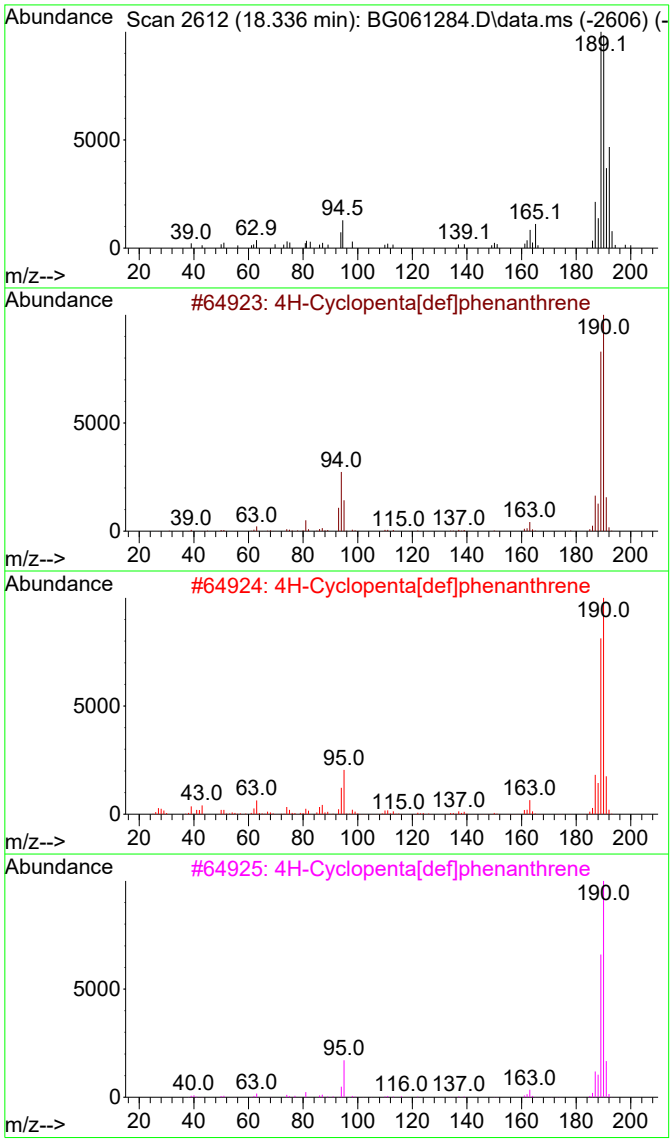
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

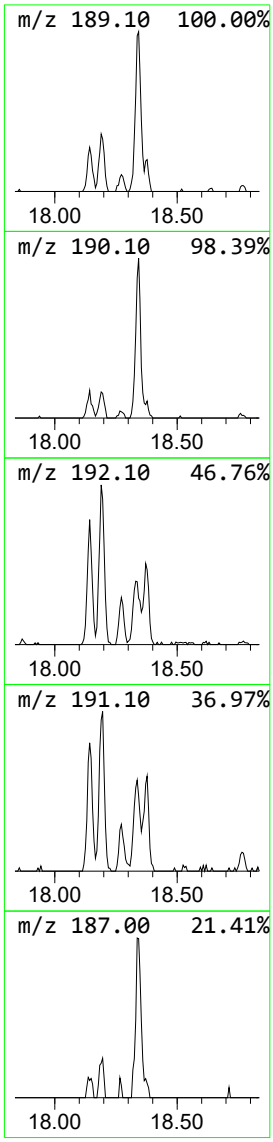
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.336	3.48 ng/ul	92585	Phenanthrene-d10	17.267

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

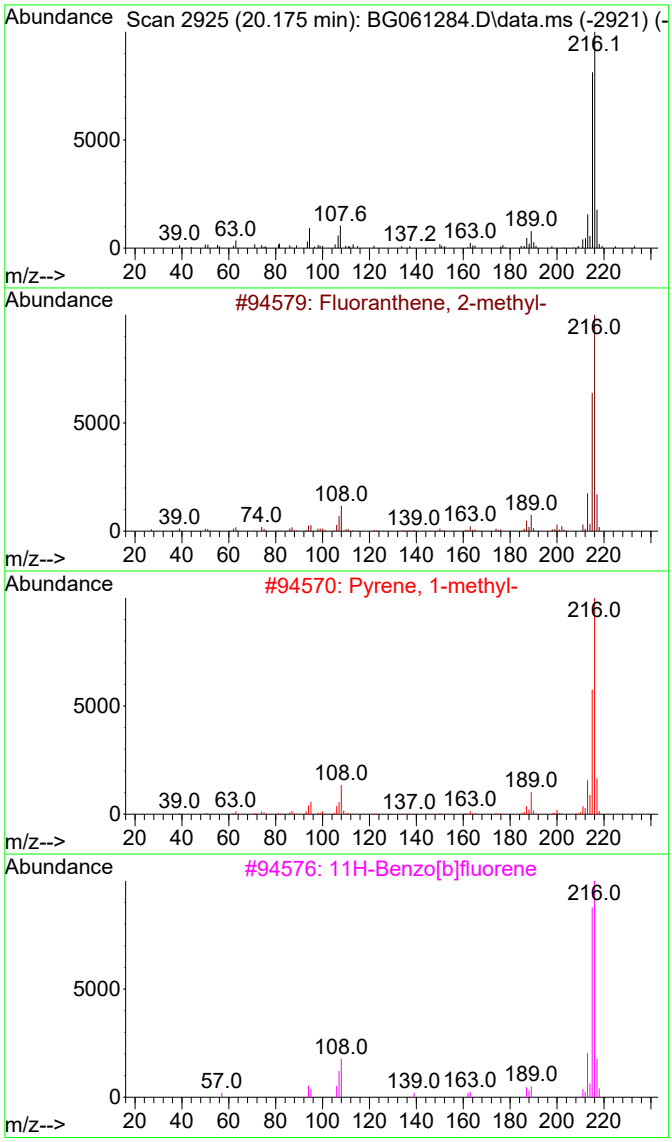
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

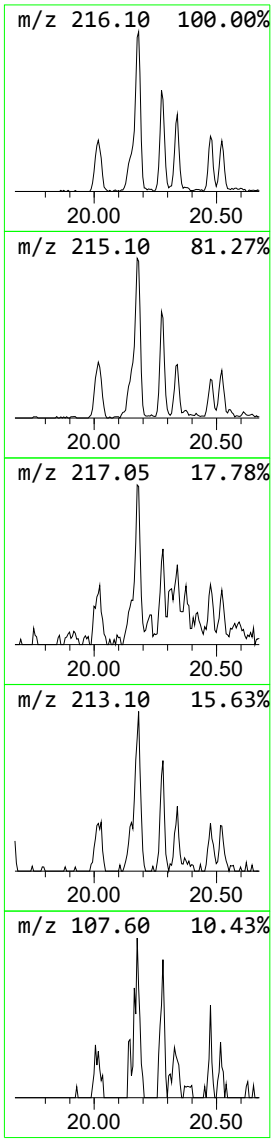
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.175	2.29 ng/ul	131888	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

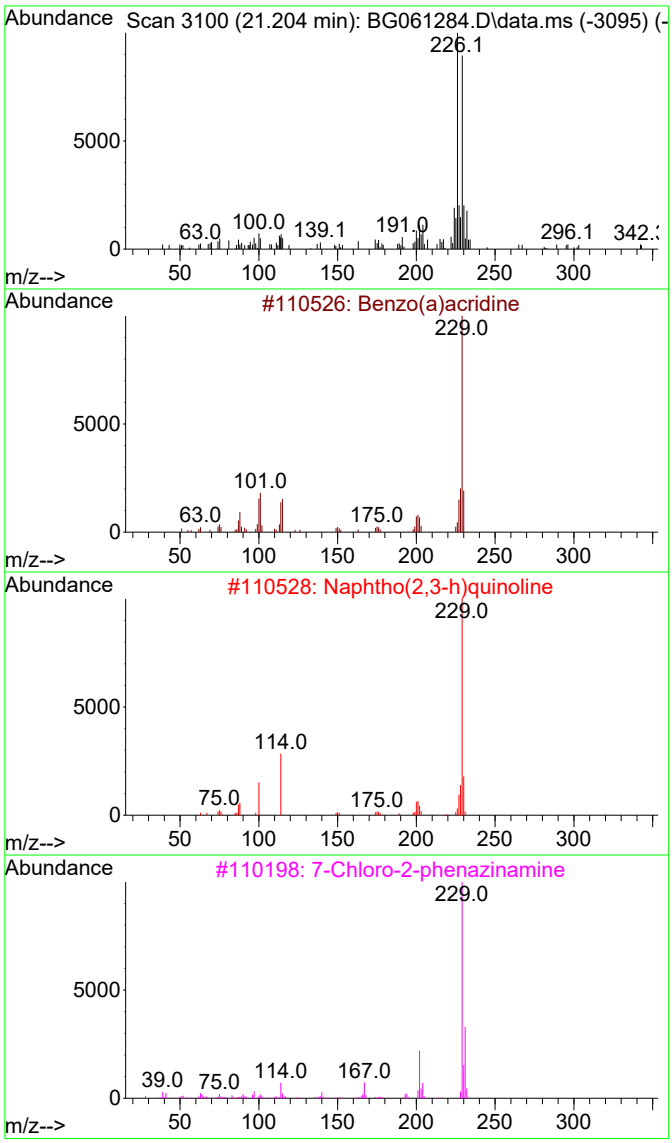
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

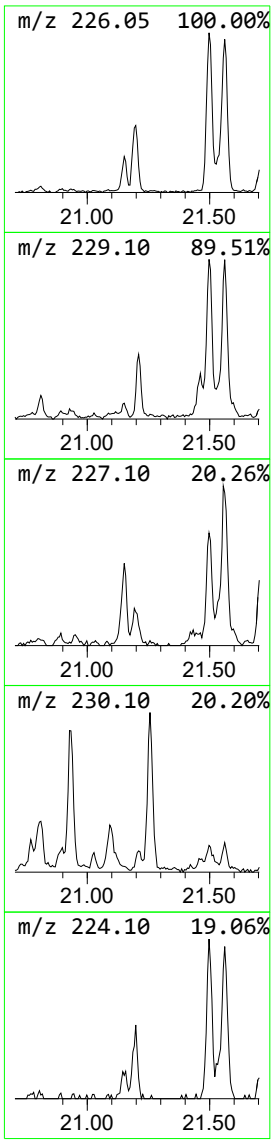
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	2.14 ng/ul	123502	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	41
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38
3	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	38
4	2-(4-Chlorophenyl)-3H-imidazo[4,...	229	C12H8ClN3	075007-94-2	35
5	2,6-Luitioine 4-[p-tolylthio]-	229	C14H15NS	1000252-20-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

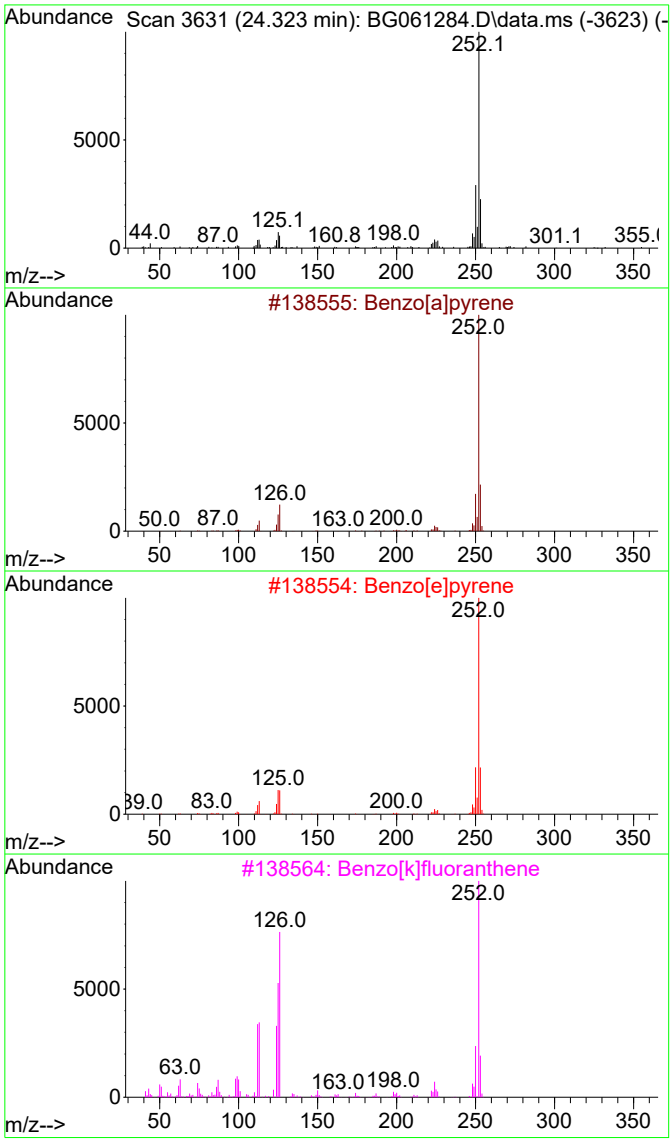
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

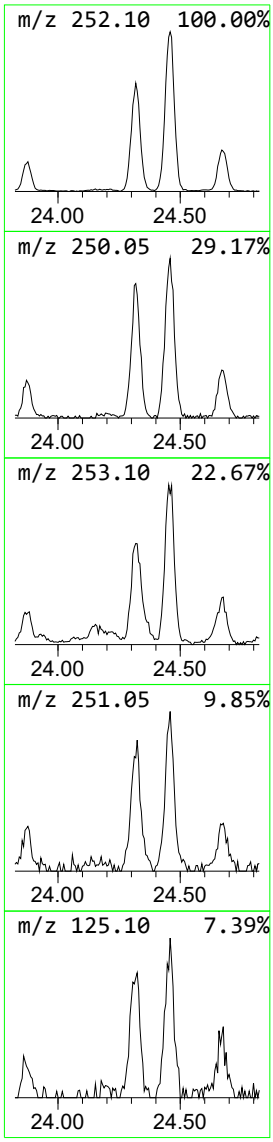
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.323	6.24 ng/ul	217008	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061284.D
Acq On : 24 May 2024 12:27
Operator : MA/JU
Sample : P2548-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y1

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...	3.084	258.6	ng/ul	1957080	1	7.884	151389	20.0
Phenanthrene, 2...	18.189	2.8	ng/ul	73255	4	17.267	532851	20.0
4H-Cyclopenta[d...	18.336	3.5	ng/ul	92585	4	17.267	532851	20.0
Fluoranthene, 2...	20.175	2.3	ng/ul	131888	5	21.515	1152230	20.0
unknown-01	21.204	2.1	ng/ul	123502	5	21.515	1152230	20.0
Benzo[e]pyrene	24.323	6.2	ng/ul	217008	6	24.600	695791	20.0