LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH632

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: BG061328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	6	9	11	rBV	64127	72447	3.45%	0.507%
2	3.081	11	16	22	rBV	1483117	2100524	100.00%	14.686%
3	3.763	127	132	141	rBV4	10667	19241	0.92%	0.135%
4	3.863	143	149	156	rVV	39434	60083	2.86%	0.420%
5	3.933	156	161	169	rVB2	7661	12415	0.59%	0.087%
6	4.309	219	225	241	rBV	196929	310186	14.77%	2.169%
7	4.632	276	280	285	rVB4	5390	7864	0.37%	0.055%
8	4.714	288	294	302	rBV	167422	247818	11.80%	1.733%
9	5.085	351	357	363	rBV	12342	20827	0.99%	0.146%
10	7.065	684	694	706	rBB	69268	120948	5.76%	0.846%
11	7.212	713	719	726	rBV	48402	78901	3.76%	0.552%
12	7.417	748	754	763	rBV	65743	115021	5.48%	0.804%
13	7.881	827	833	840	rBV	96149	155405	7.40%	1.087%
14	8.598	949	955	963	rBV2	48109	82664	3.94%	0.578%
15	9.039	1022	1030	1038	rVV	73674	133589	6.36%	0.934%
16	9.597	1121	1125	1130	rVB3	8473	12461	0.59%	0.087%
17	9.761	1145	1153	1162	rVB2	66454	117314	5.58%	0.820%
18	10.085	1204	1208	1213	rBV3	5470	8504	0.40%	0.059%
19	10.308	1236	1246	1257	rBV	86123	158758	7.56%	1.110%
20	10.678	1300	1309	1315	rBV	137072	241920	11.52%	1.691%
21	10.813	1326	1332	1344	rVB	37035	68128	3.24%	0.476%
22	11.418	1429	1435	1441	rBV2	7068	11733	0.56%	0.082%
23	13.921	1856	1861	1869	rVB	181237	252071	12.00%	1.762%
24	14.209	1904	1910	1917	rBV	197802	296018	14.09%	2.070%
25	14.515	1955	1962	1968	rBV	232869	349731	16.65%	2.445%
26	14.574	1968	1972	1980	rVB2	4522	7835	0.37%	0.055%
27	14.756	1991	2003	2011	rBV3	22832	54530	2.60%	0.381%
28	15.514	2125	2132	2137	rBV	247163	378879	18.04%	2.649%
29	15.566	2137	2141	2144	rVB2	6374	7908	0.38%	0.055%
30	15.643	2150	2154	2159	rBV	48853	75198	3.58%	0.526%
31	16.236	2248	2255	2265	rBV6	4663	11782	0.56%	0.082%
32	16.800	2347	2351	2356	rBV4	4532	7298	0.35%	0.051%
33	16.924	2367	2372	2378	rVB3	8670	12421	0.59%	0.087%
34	17.018	2385	2388	2393	rVB3	7525	9686	0.46%	0.068%
35	17.082	2396	2399	2405	rVB2	5975	7566	0.36%	0.053%
36	17.264	2424	2430	2434	rBV	291820	445647	21.22%	3.116%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH632

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	17.306	2434	2437	2442	rVB	147334	193879	9.23%	1.356%
38	17.364	2442	2447	2451	rBV	280417	399435	19.02%	2.793%
39	17.670	2492	2499	2506	rBV2	15318	25576	1.22%	0.179%
40	17.846	2525	2529	2538	rVB7	4732	10690	0.51%	0.075%
41	18.140	2574	2579	2582	rBV	24047	35712	1.70%	0.250%
42	18.187	2582	2587	2592	rVV	37103	70016	3.33%	0.490%
43	18.228	2592	2594	2598	rVV	15375	16370	0.78%	0.114%
44	18.269	2598	2601	2604	rVV2	7950	11683	0.56%	0.082%
45	18.334	2607	2612	2616	rBV4	32512	61490	2.93%	0.430%
46	18.375	2616	2619	2623	rVB2	17787	25908	1.23%	0.181%
47	18.451	2628	2632	2636	rBV5	5467	10921	0.52%	0.076%
48	18.639	2659	2664	2668	rBV	25730	38472	1.83%	0.269%
49	18.686	2668	2672	2678	rVB2	29249	44869	2.14%	0.314%
50	18.880	2702	2705	2710	rVV5	8609	15117	0.72%	0.106%
51	18.939	2710	2715	2718	rVV3	7685	13232	0.63%	0.093%
52	18.974	2718	2721	2725	rVB3	8612	9870	0.47%	0.069%
53	19.057	2730	2735	2741	rBV5	18875	37188	1.77%	0.260%
54	19.115	2743	2745	2750	rVB6	5574	8161	0.39%	0.057%
55	19.203	2755	2760	2766	rBV3	24370	45079	2.15%	0.315%
56	19.321	2772	2780	2787	rBV	387634	553610	26.36%	3.871%
57	19.386	2787	2791	2794	rBV5	9860	15701	0.75%	0.110%
58	19.421	2794	2797	2799	rBV3	10101	13151	0.63%	0.092%
59	19.474	2802	2806	2809	rVV3	13558	16933	0.81%	0.118%
60	19.562	2819	2821	2829	rVB3	16339	24468	1.16%	0.171%
61	19.656	2831	2837	2840	rVV2	420549	658895	31.37%	4.607%
62	19.685	2840	2842	2850	rVB	354958	408130	19.43%	2.854%
63	19.756	2850	2854	2862	rVB4	21765	36804	1.75%	0.257%
64	19.867	2867	2873	2879	rBV	24444	39834	1.90%	0.279%
65	19.920	2879	2882	2884	rBV4	10302	10328	0.49%	0.072%
66	19.950	2885	2887	2890	rVB2	9299	10022	0.48%	0.070%
67	20.008	2890	2897	2904	rBV4	28171	79383	3.78%	0.555%
68	20.143	2915	2920	2922	rBV5	21900	34073	1.62%	0.238%
69	20.173	2922	2925	2932	rVB2	41550	78133	3.72%	0.546%
70	20.279	2937	2943	2946	rBV2	23144	34731	1.65%	0.243%
71	20.337	2946	2953	2957	rVV3	37897	74823	3.56%	0.523%
72	20.378	2958	2960	2963	rVB4	14391	11308	0.54%	0.079%
73	20.478	2972	2977	2980	rBV	27546	42187	2.01%	0.295%
74	20.519	2980	2984	2988	rVV	25834	40389	1.92%	0.282%
75	20.572	2990	2993	2997	rVB	33269	40686	1.94%	0.284%
76	20.690	3010	3013	3017	rVB5	16842	20432	0.97%	0.143%

LSC Area Percent Report

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Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH632

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	20.731	3017	3020	3023	rBV5	10188	15515	0.74%	0.108%
78	20.837	3036	3038	3042	rBV5	7433	8815	0.42%	0.062%
79	20.931	3050	3054	3061	rVB	56750	87172	4.15%	0.609%
80	21.101	3078	3083	3088	rBV2	36333	75029	3.57%	0.525%
81	21.148	3088	3091	3094	rVV	36462	52818	2.51%	0.369%
82	21.183	3094	3097	3105	rVV5	68558	178116	8.48%	1.245%
83	21.260	3106	3110	3117	rVB	54882	96093	4.57%	0.672%
84	21.377	3128	3130	3131	rBV2	9245	6580	0.31%	0.046%
85	21.413	3131	3136	3141	rVB	297654	378973	18.04%	2.650%
86	21.512	3145	3153	3158	rBV2	404044	929488	44.25%	6.499%
87	21.559	3158	3161	3168	rVB	176013	280134	13.34%	1.959%
88	21.706	3182	3186	3193	rVB2	36089	55034	2.62%	0.385%
89	21.912	3216	3221	3228	rBV4	30769	64767	3.08%	0.453%
90	22.294	3281	3286	3292	rBV5	57859	106097	5.05%	0.742%
91	22.928	3390	3394	3406	rVB5	66211	159986	7.62%	1.119%
92	23.287	3452	3455	3466	rVB7	52640	105912	5.04%	0.741%
93	23.628	3505	3513	3521	rBV3	147085	467240	22.24%	3.267%
94	24.321	3624	3631	3637	rBV	76153	202724	9.65%	1.417%
95	24.391	3637	3643	3650	rVV3	178284	476304	22.68%	3.330%
96	24.462	3650	3655	3668	rVB	117122	322575	15.36%	2.255%
97	24.609	3671	3680	3688	rBV2	204763	570150	27.14%	3.986%
98	25.120	3761	3767	3775	rVB7	48444	125676	5.98%	0.879%
99	25.696	3861	3865	3878	rVB3	54080	138521	6.59%	0.969%
100	29.668	4539	4541	4542	rBV2	9883	7870	0.37%	0.055%

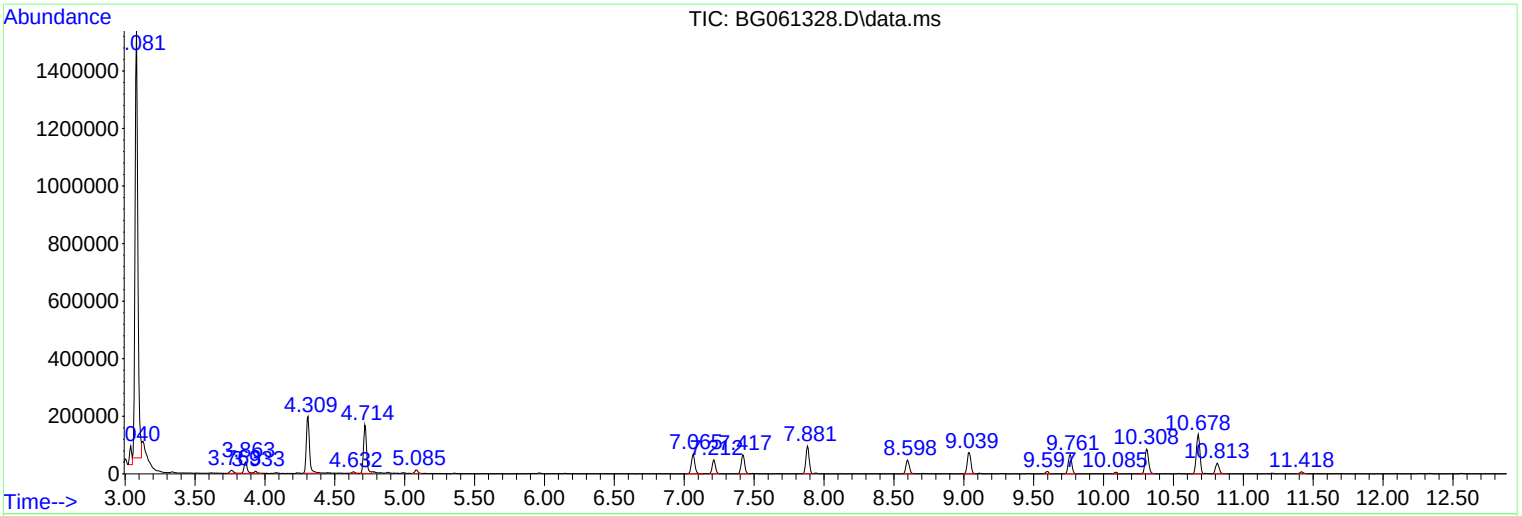
Sum of corrected areas: 14302599

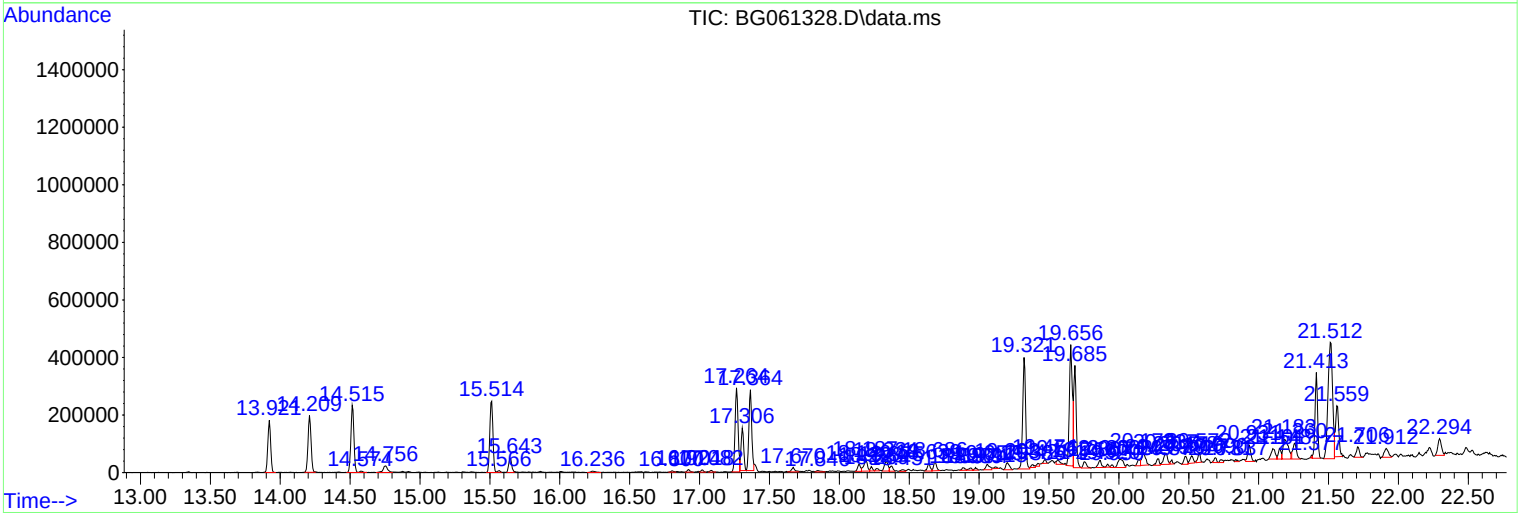
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

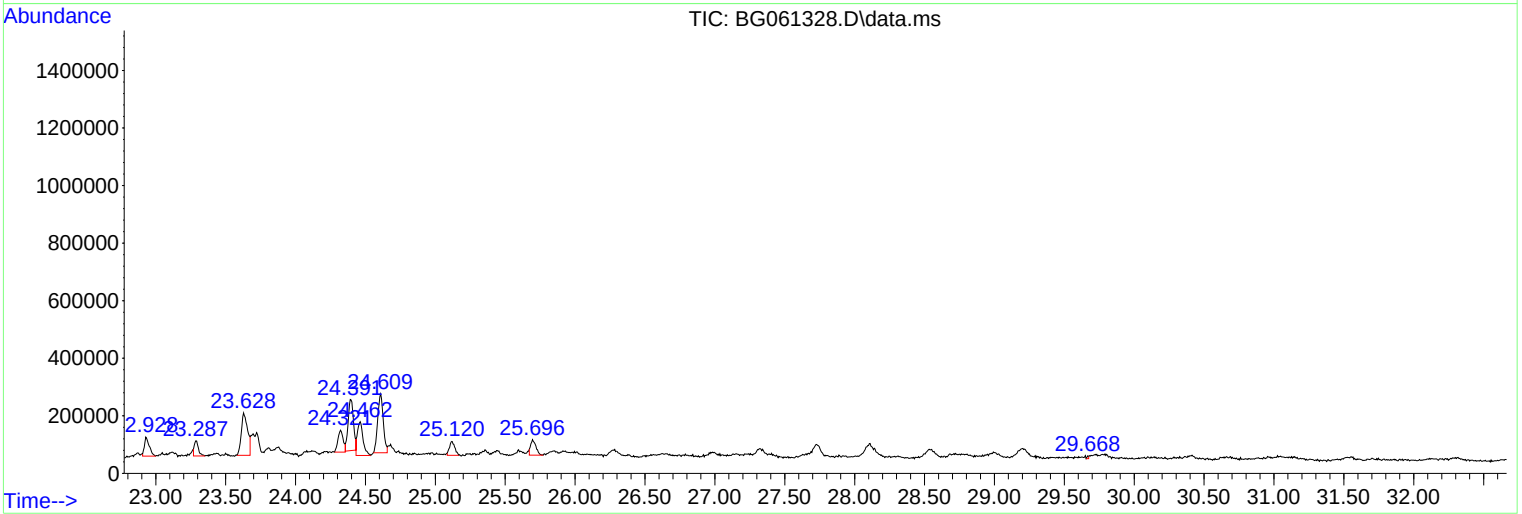
Instrument :
BNA_G
ClientSampleId :
BH632

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\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

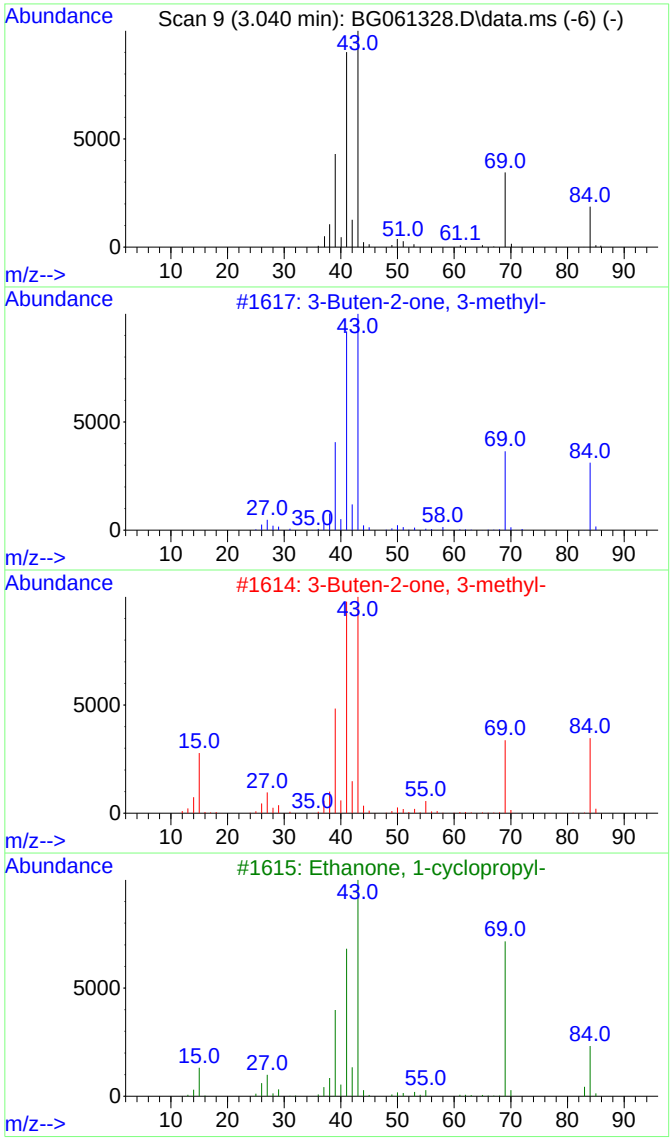
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

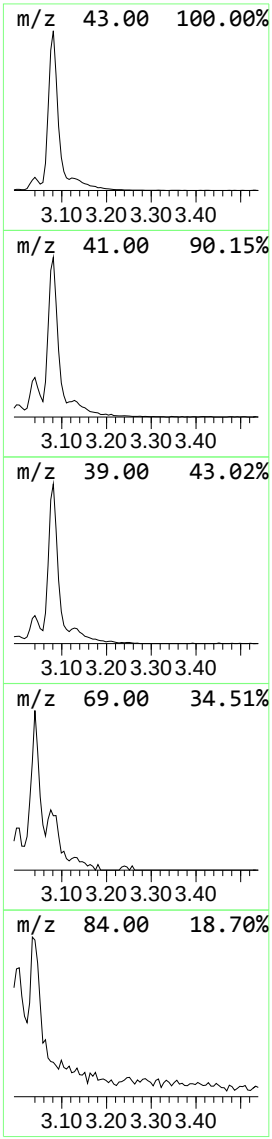
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	9.32 ng/ul	72447	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	91
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	80
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	64
4	2-Butenal	70	C4H6O	004170-30-3	42
5	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

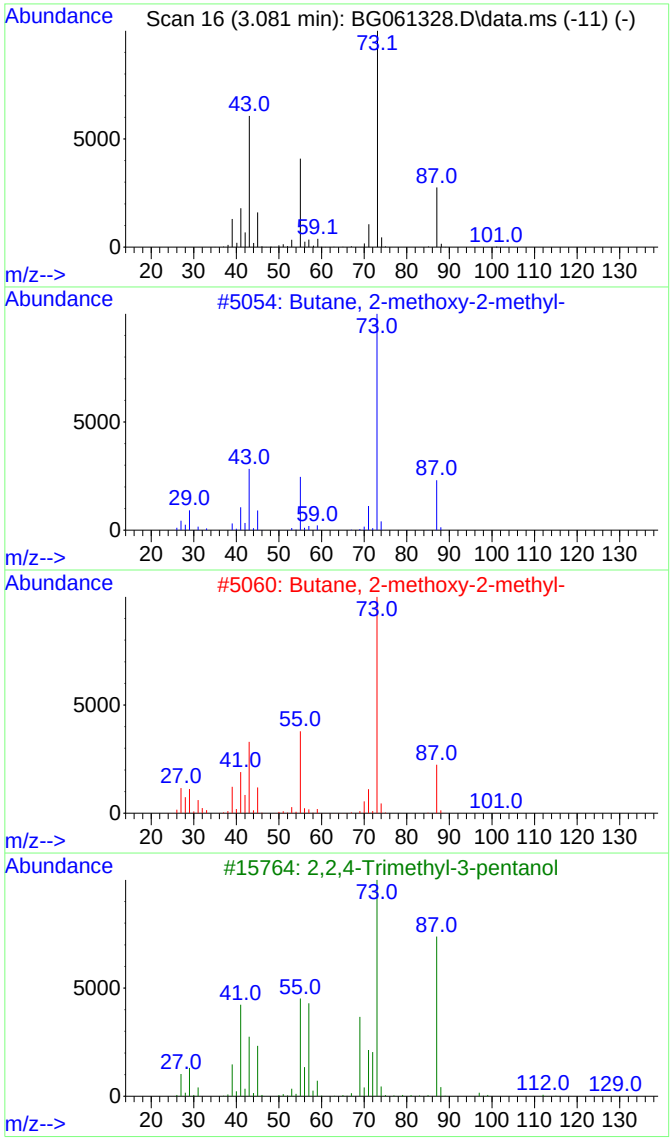
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

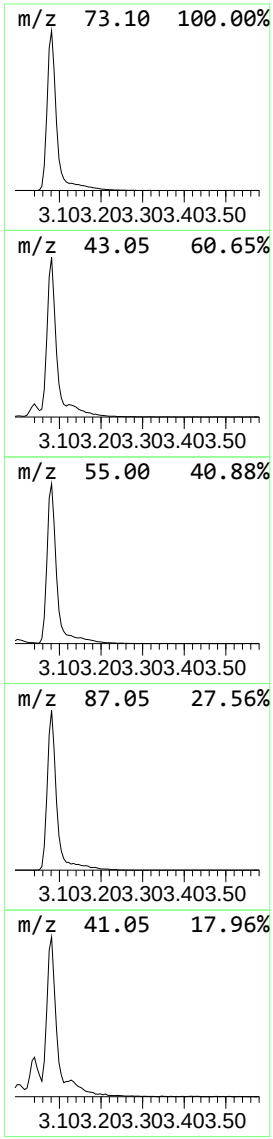
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	270.33 ng/ul	2100520	1,4-Dichlorobenzene-d4	7.881

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-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

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

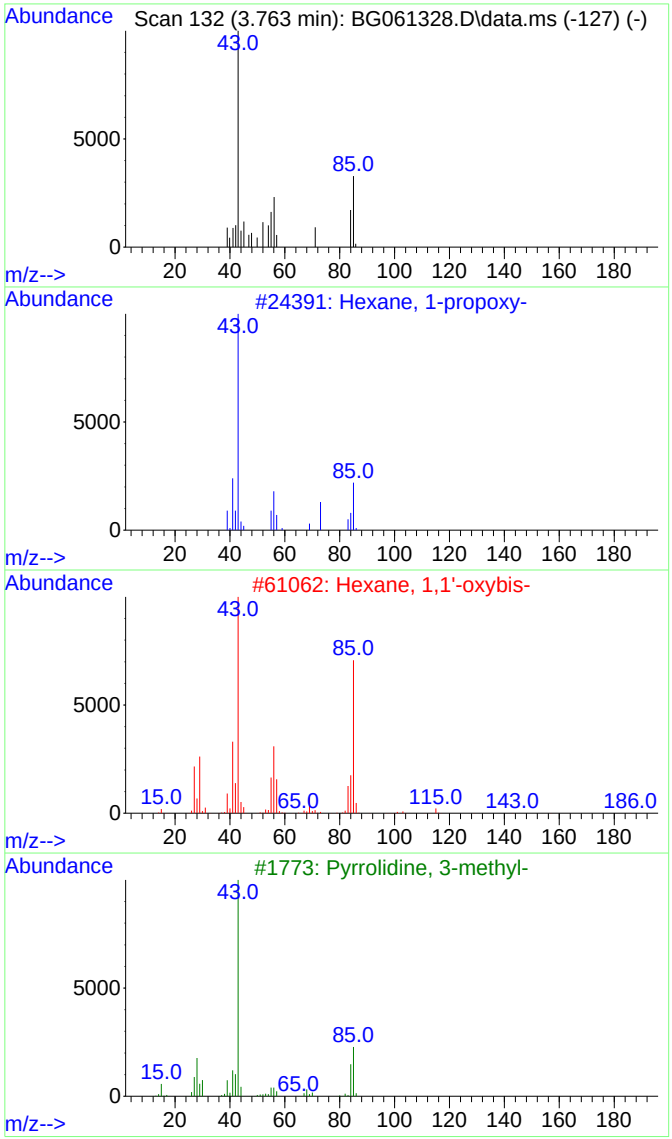
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

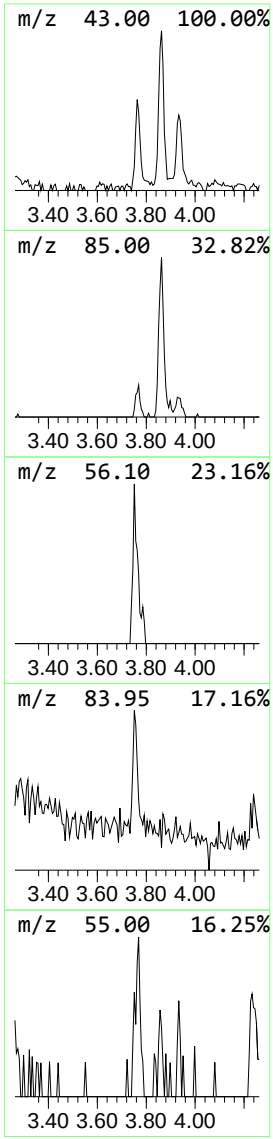
****

Peak Number 3 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.763	2.48 ng/ul	19241	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	47
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	43
3	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	35
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	28
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

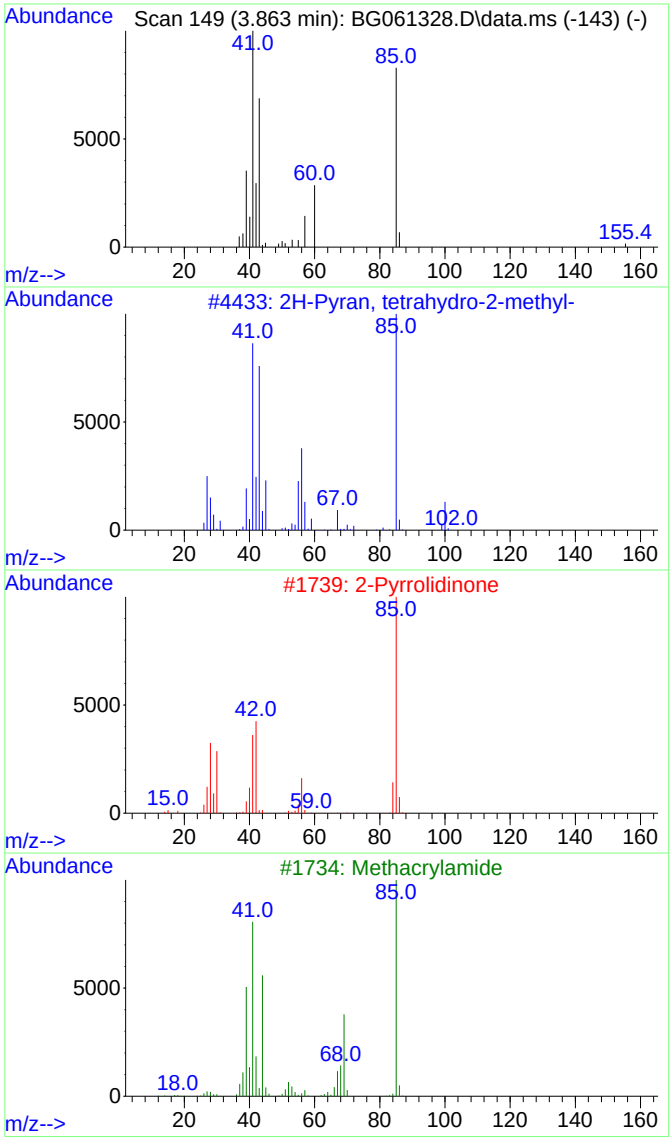
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

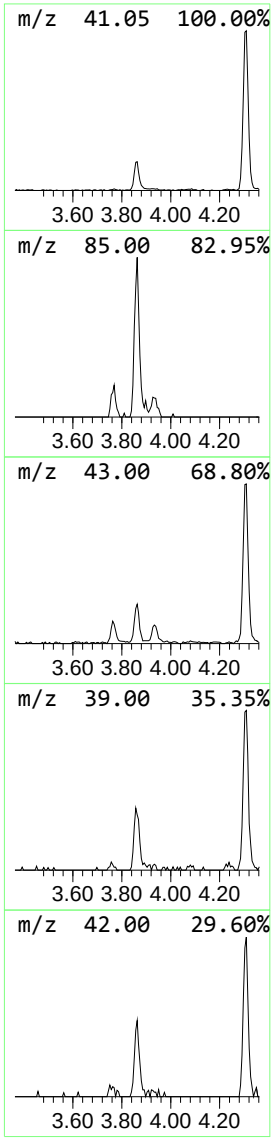
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.863	7.73 ng/ul	60083	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	50
3	Methacrylamide	85	C4H7NO	000079-39-0	47
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

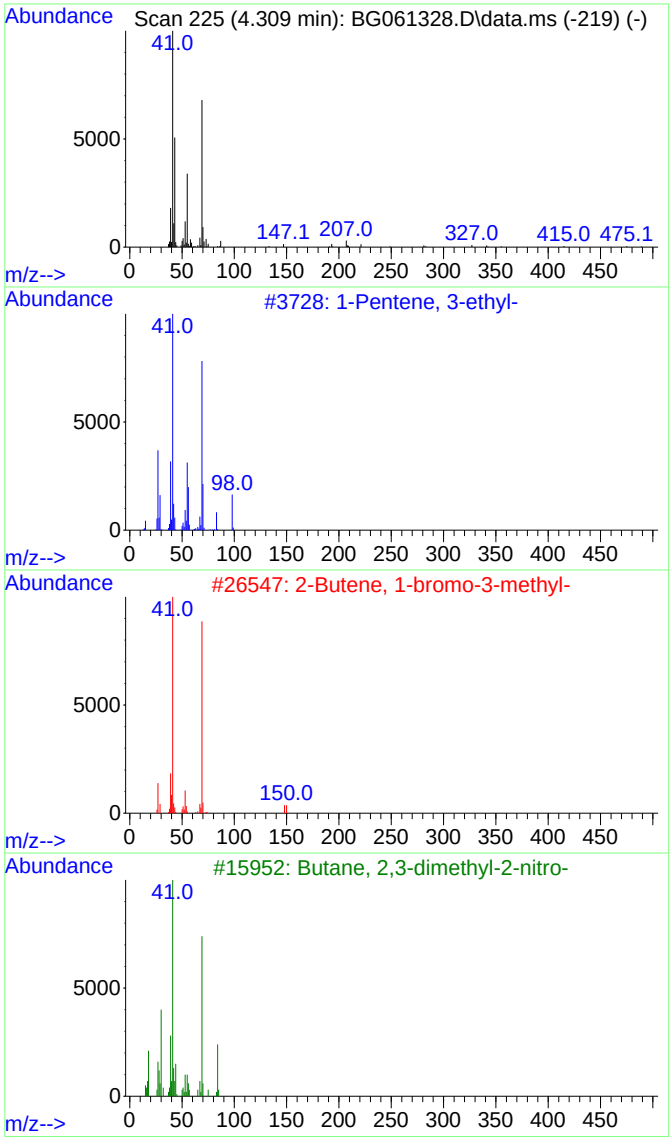
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

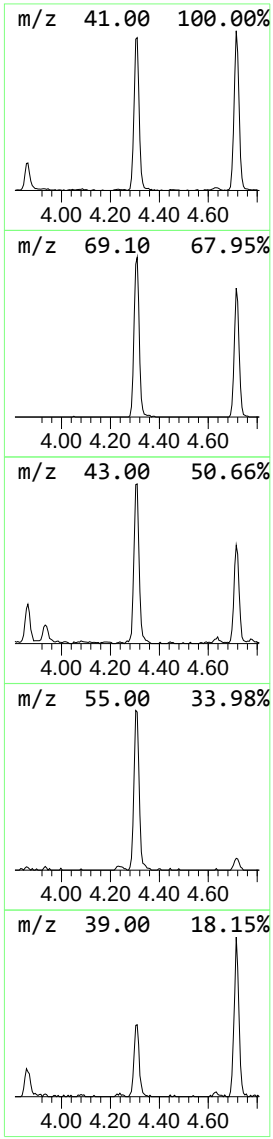
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.309	39.92 ng/ul	310186	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	40
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	38
3	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	38
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	36
5	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	36





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Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

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

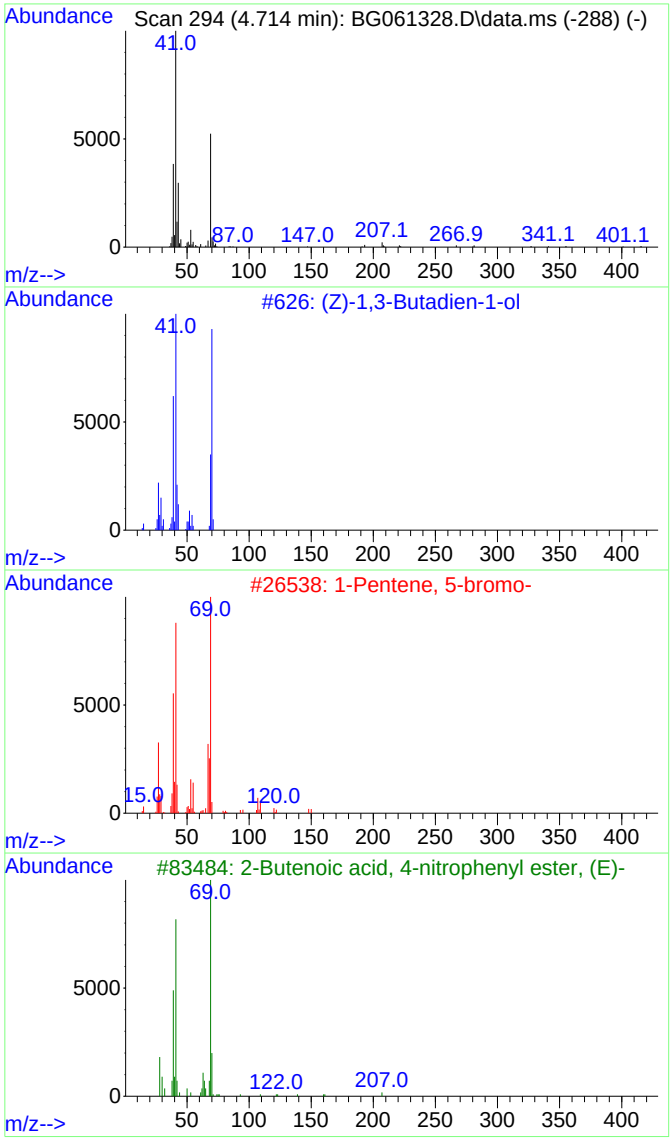
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

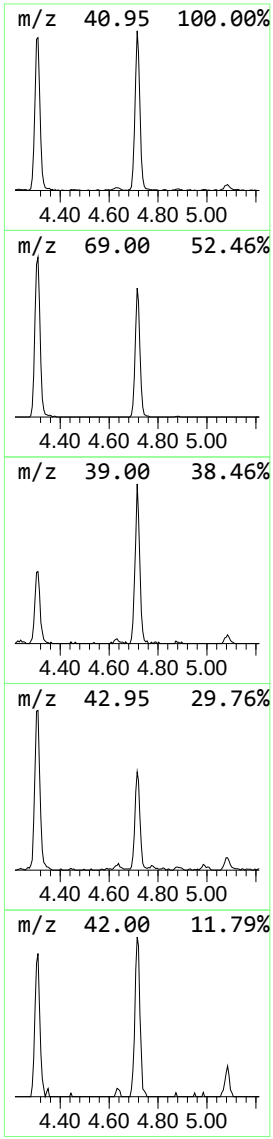
****

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.714	31.89 ng/ul	247818	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1,3-Butadien-1-ol	70	C4H6O	070415-58-6	36
2	1-Pentene, 5-bromo-	148	C5H9Br	001119-51-3	36
3	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	33
4	Vinyl crotonate	112	C6H8O2	014861-06-4	33
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	12





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Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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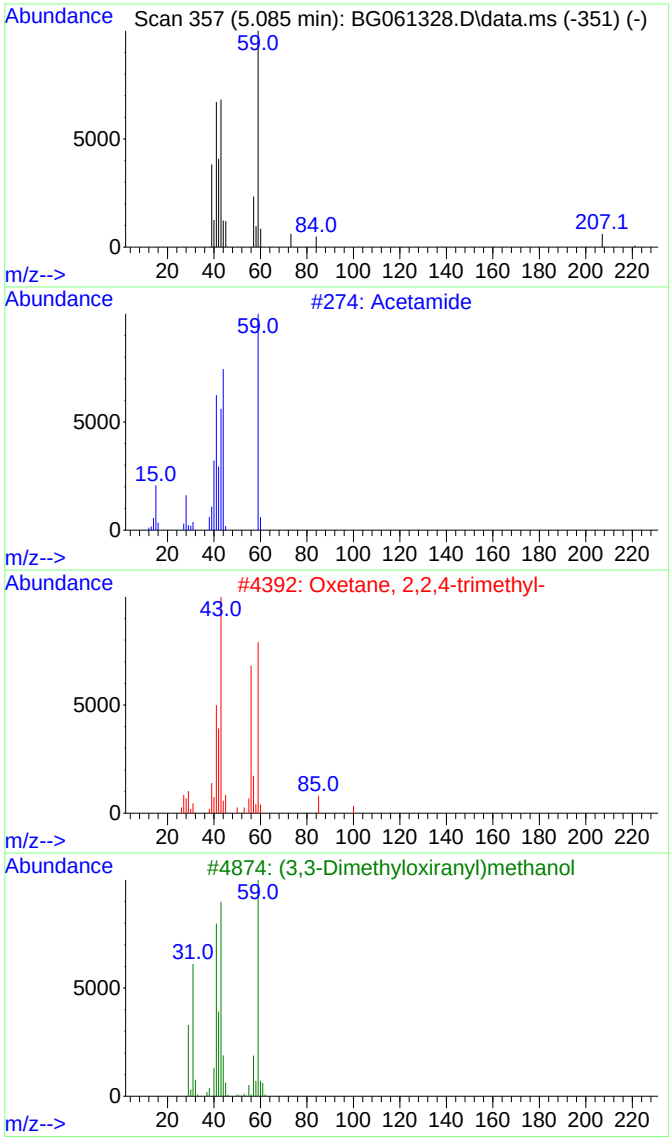
Quant Title : SVOA CALIBRATION

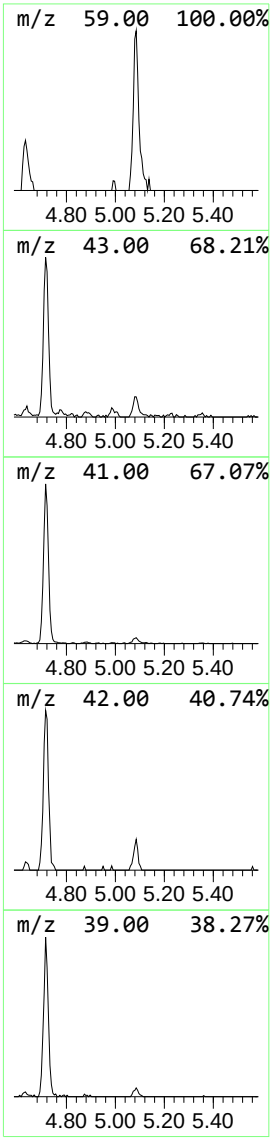
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.085	2.68 ng/ul	20827	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide	59	C2H5NO	000060-35-5	47
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	43
3	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1010306-71-7	40
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	28
5	4,8,12,16-tetraoxaeicosan-1-ol	306	C16H34O5	1010397-63-6	25





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Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

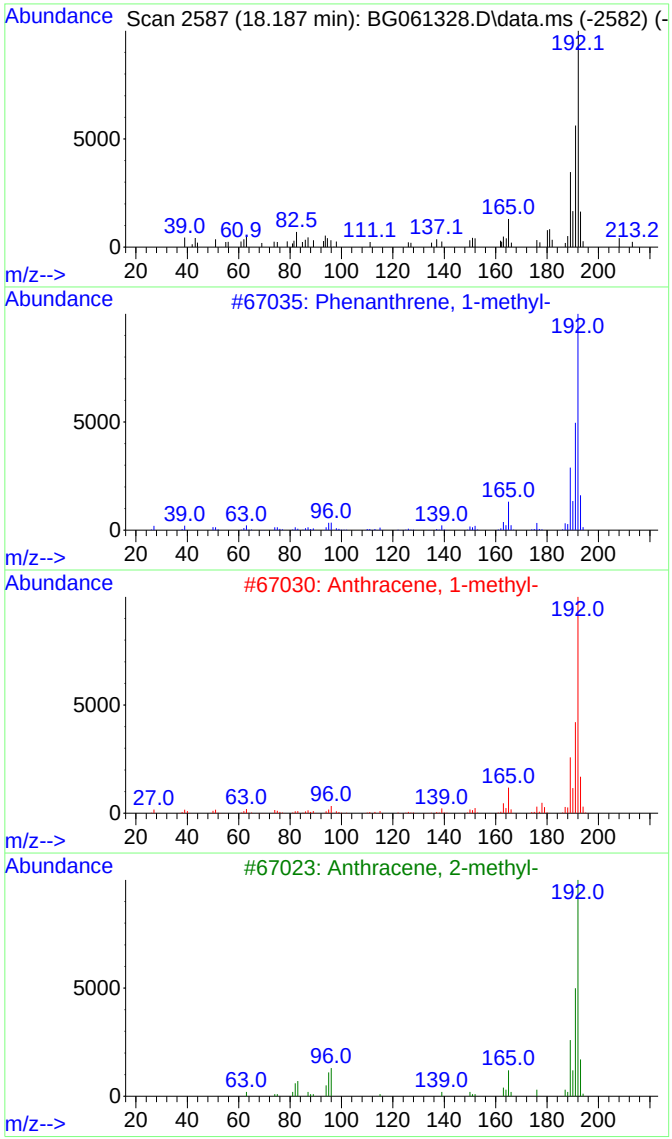
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

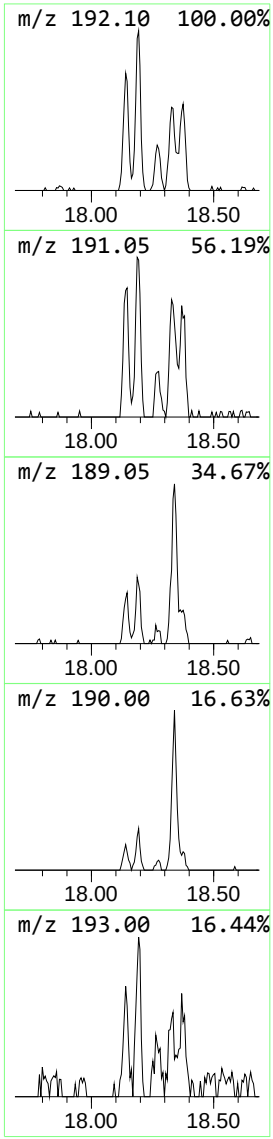
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	3.14 ng/ul	70016	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

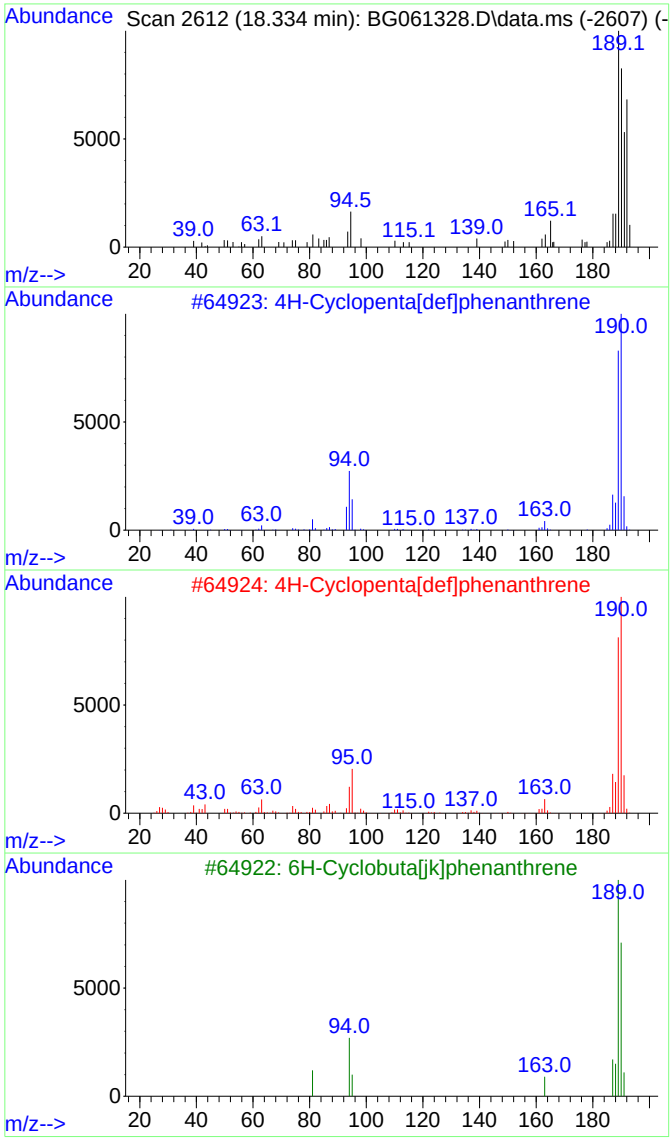
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

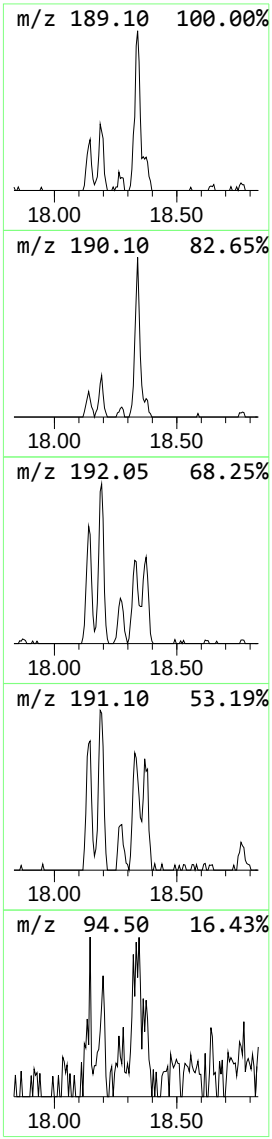
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	2.76 ng/ul	61490	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	30





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Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

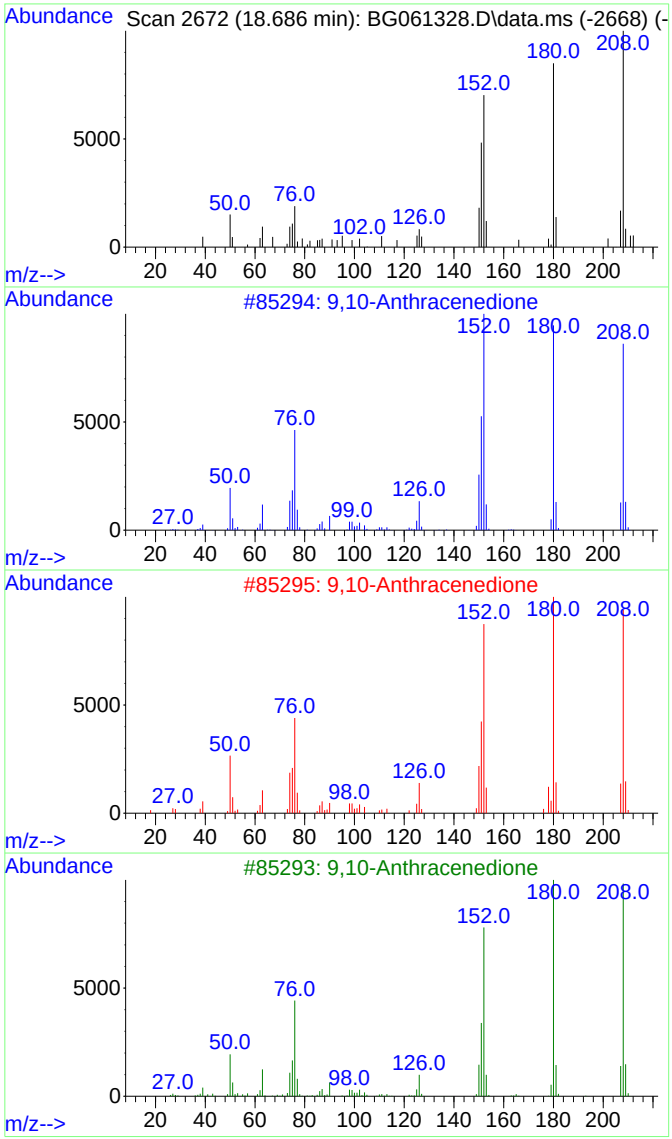
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

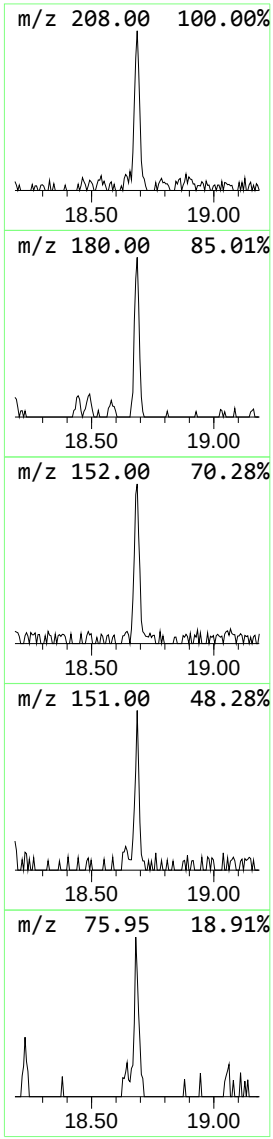
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	2.01 ng/ul	44869	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	80
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





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Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

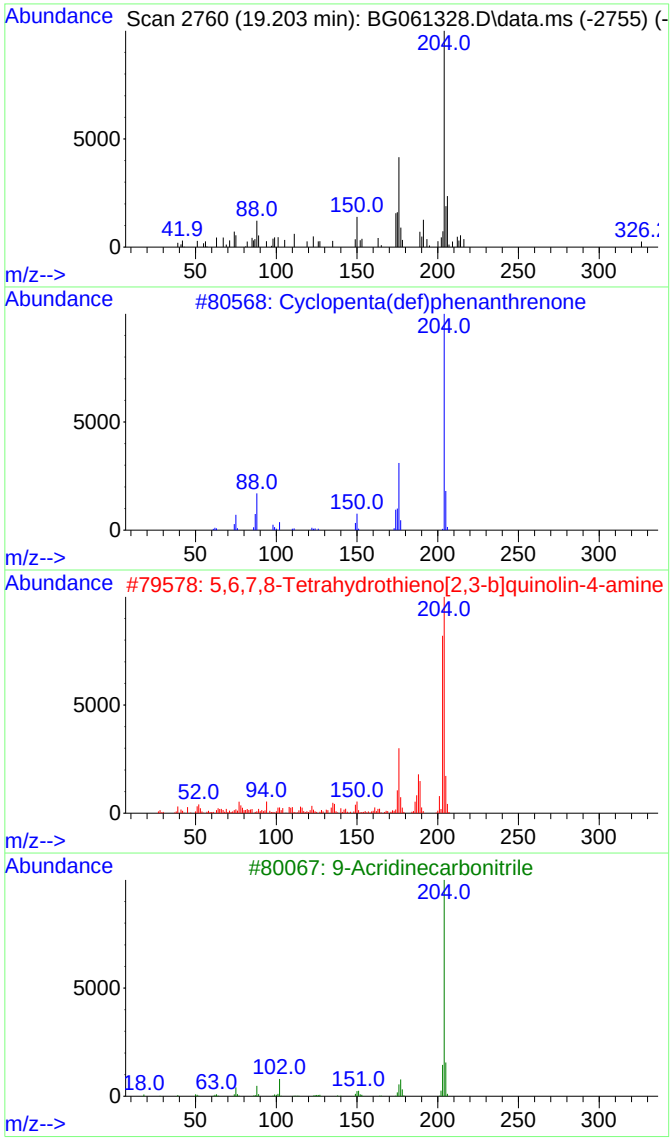
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

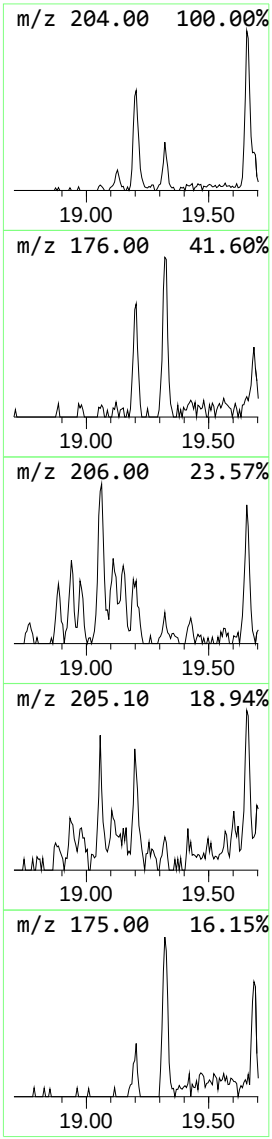
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	2.02 ng/ul	45079	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	68
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





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Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

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

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

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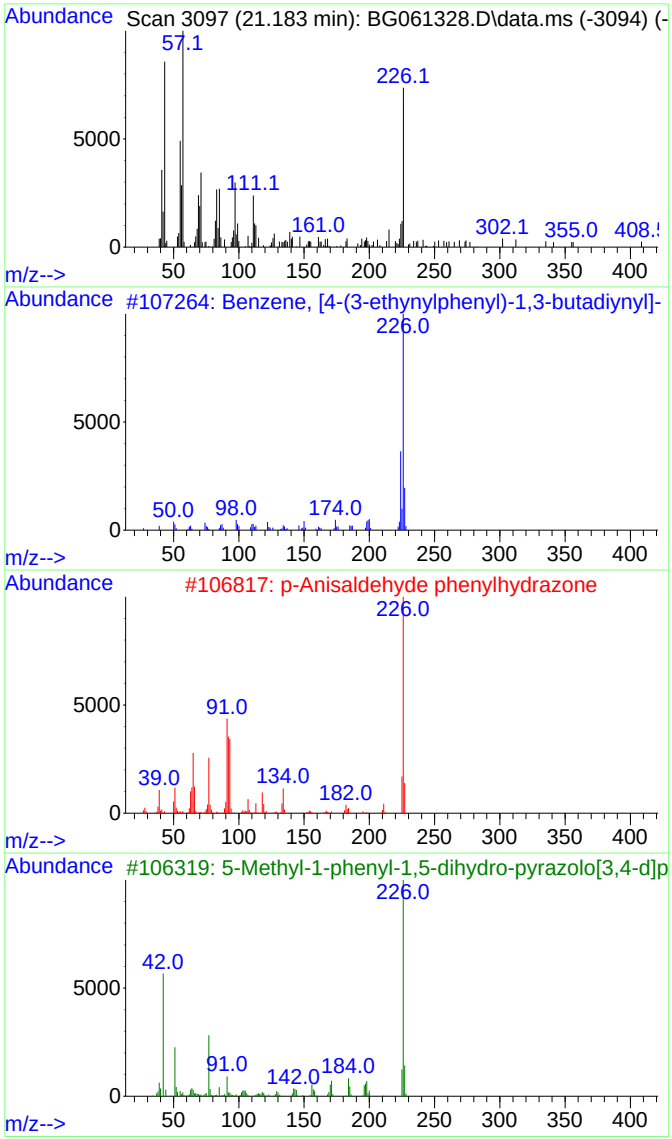
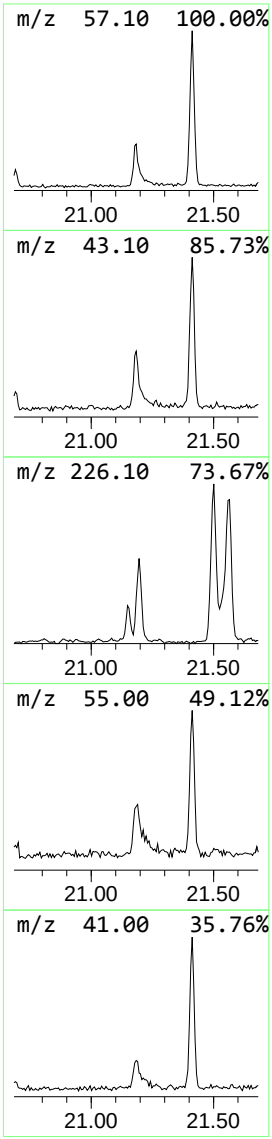
Peak Number 12 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.183	3.83 ng/ul	178116	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
2	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	38
3	5-Methyl-1-phenyl-1,5-dihydro-py...	226	C12H10N4O	1000300-02-1	38
4	Phosphonic acid, [(4-carboxyphen...	335	C16H18NO5P	037753-62-1	38
5	Isonipecotic acid, N-(3-methylbu...	311	C18H33NO3	1000360-99-1	35





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Sample : P2568-12
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

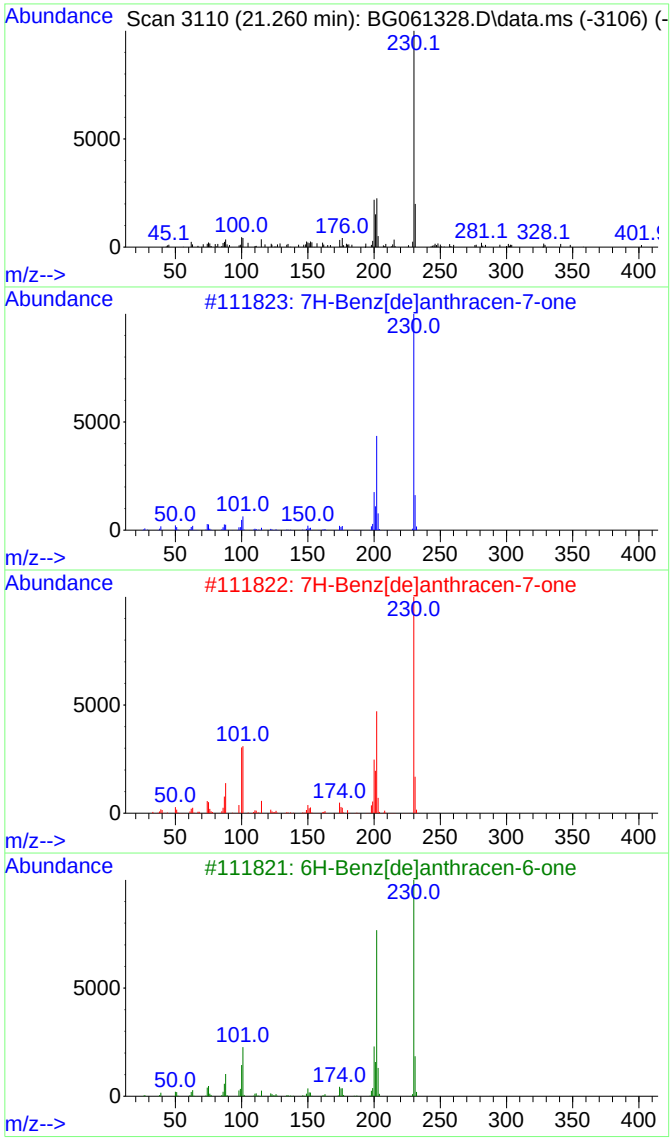
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

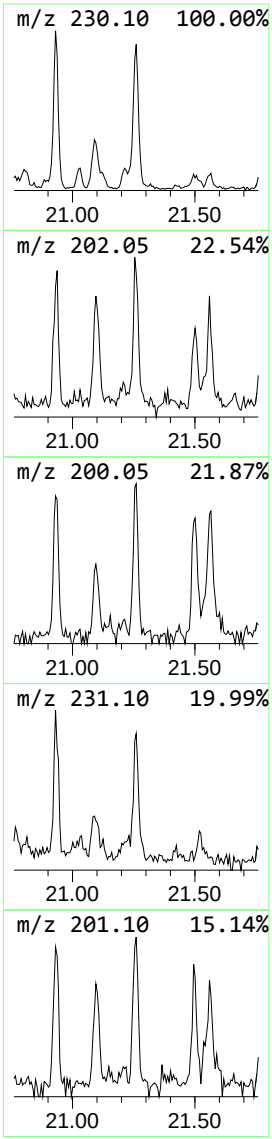
****

Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.260	2.07 ng/ul	96093	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

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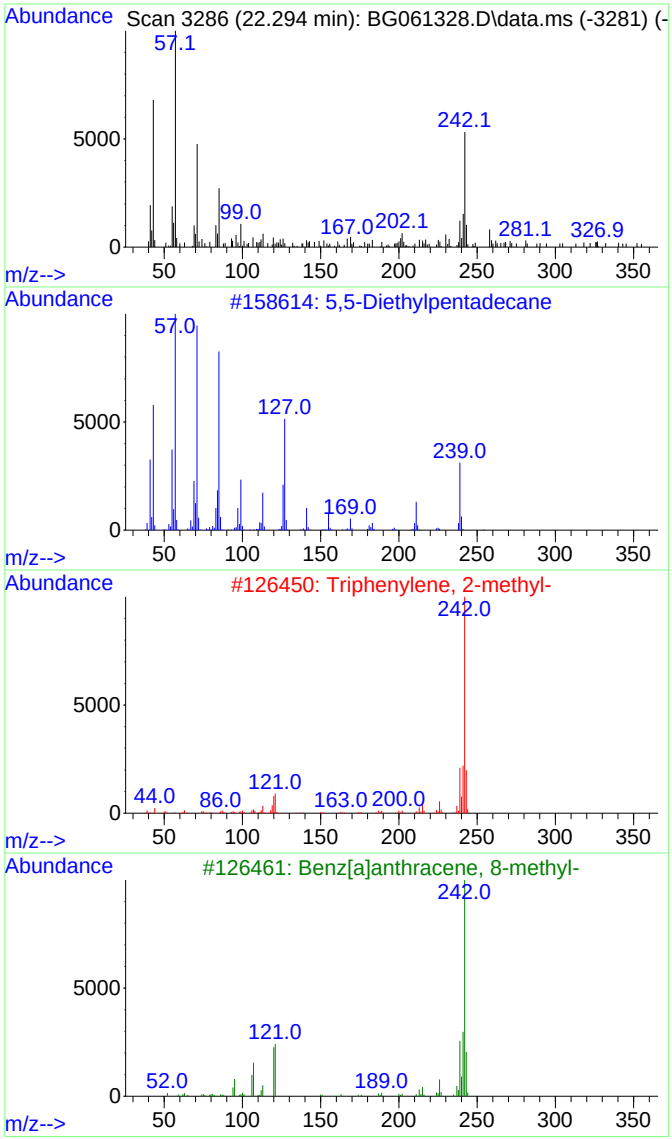
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

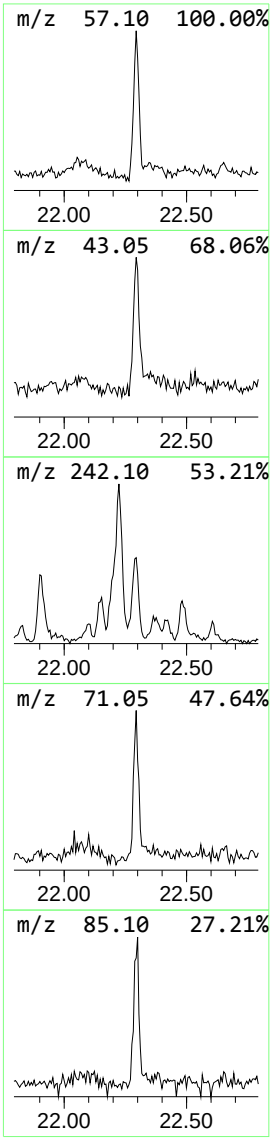
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.294	2.28 ng/ul	106097	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Diethylpentadecane	268	C19H40	1000360-41-0	38
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	38
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	30
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	30
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	30





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Sample : P2568-12
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

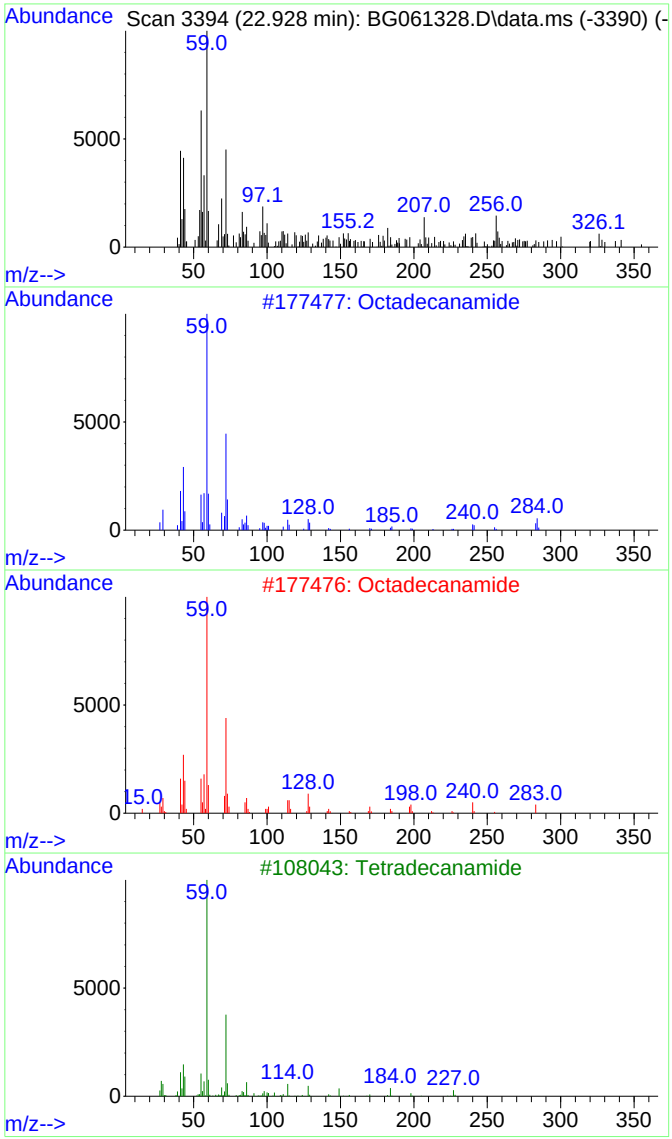
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

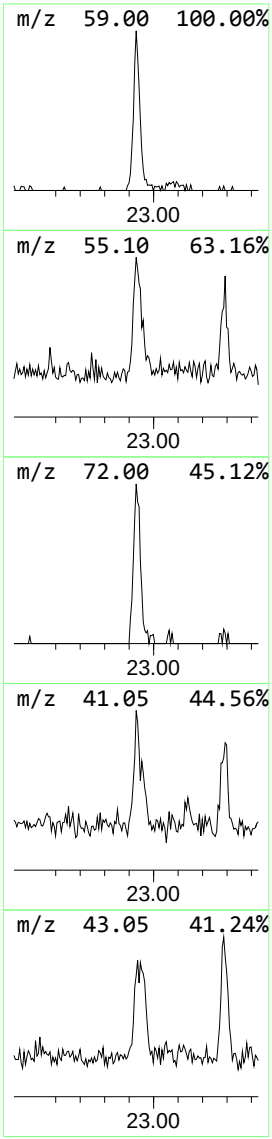
****

Peak Number 15 Octadecanamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.928	3.44 ng/ul	159986	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide	283	C18H37NO	000124-26-5	76
2	Octadecanamide	283	C18H37NO	000124-26-5	76
3	Tetradecanamide	227	C14H29NO	000638-58-4	70
4	Tetradecanamide	227	C14H29NO	000638-58-4	70
5	Octadecanamide	283	C18H37NO	000124-26-5	68





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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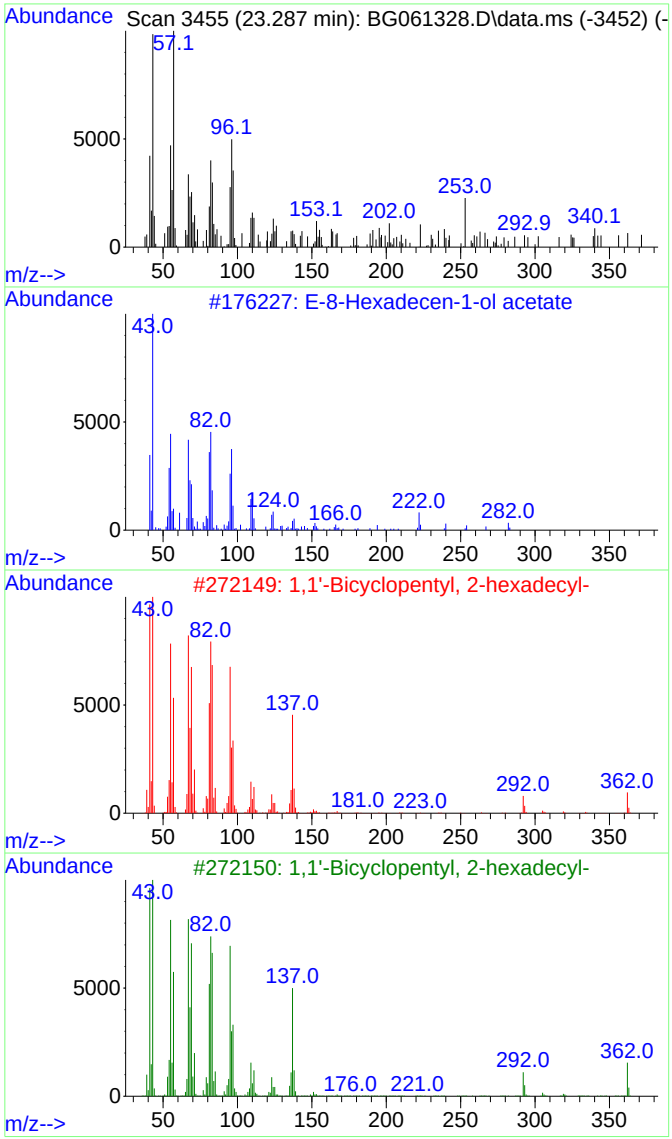
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

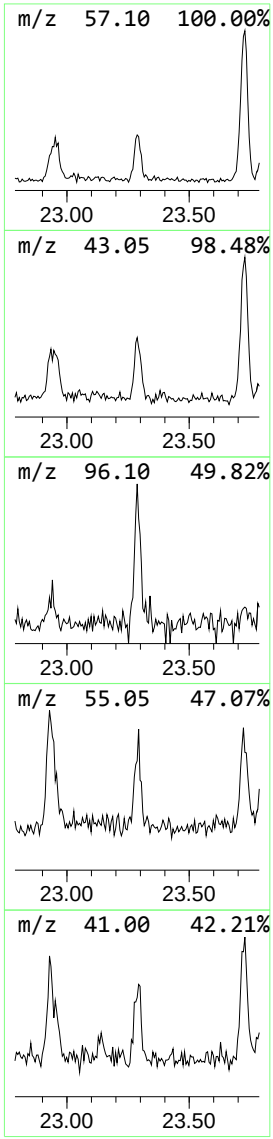
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 E-8-Hexadecen-1-ol acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.287	3.72 ng/ul	105912	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-8-Hexadecen-1-ol acetate	282	C18H34O2	1000131-01-1	70
2	1,1'-Bicyclopentyl, 2-hexadecyl-	362	C26H50	055334-11-7	64
3	1,1'-Bicyclopentyl, 2-hexadecyl-	362	C26H50	055334-11-7	64
4	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	47
5	3-Octenoic acid, heptyl ester	240	C15H28O2	1000406-12-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

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

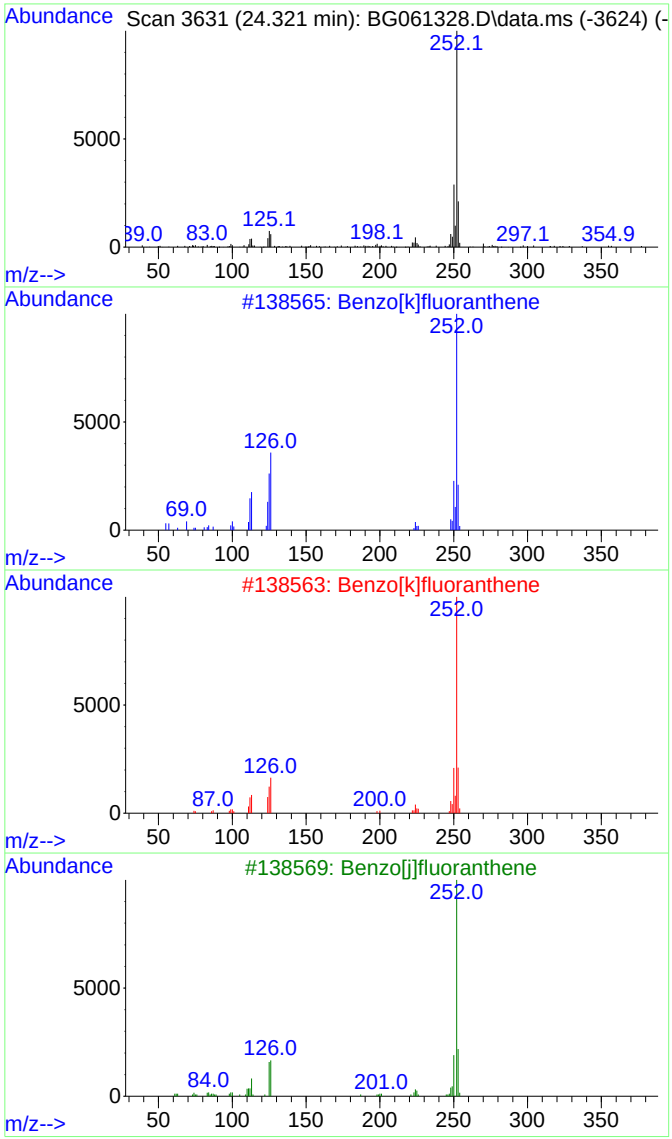
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

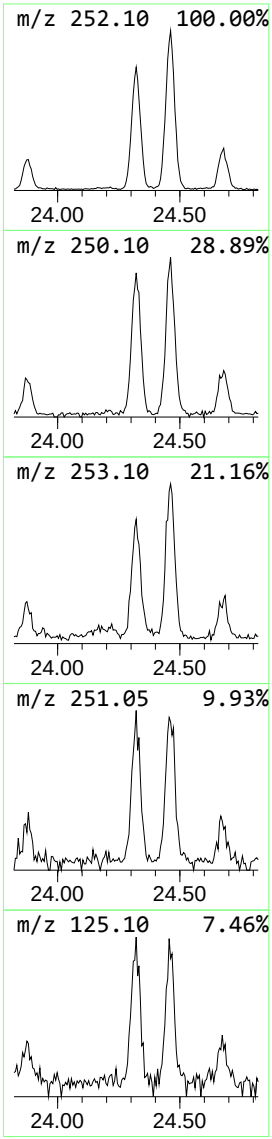
****

Peak Number 17 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.321	7.11 ng/ul	202724	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

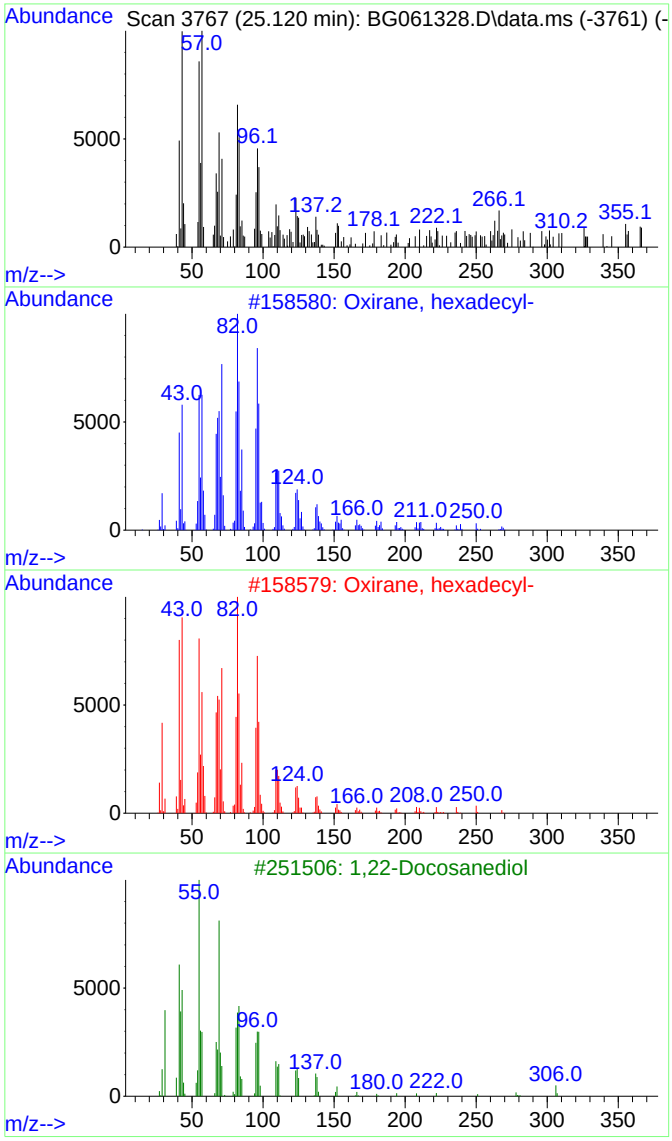
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

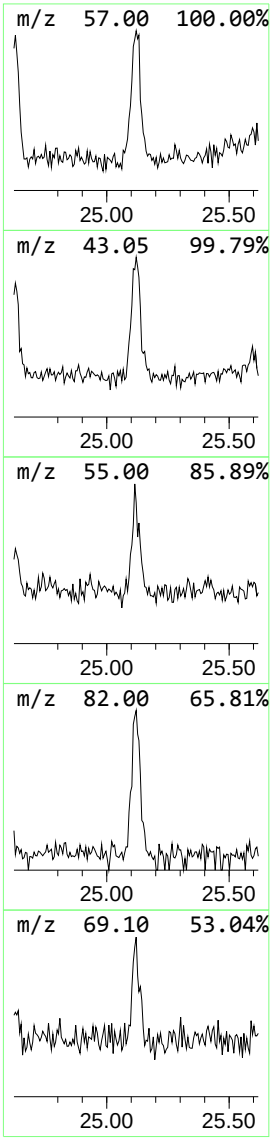
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Oxirane, hexadecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.120	4.41 ng/ul	125676	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	60
3	1,22-Docosanediol	342	C22H46O2	022513-81-1	46
4	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	43
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

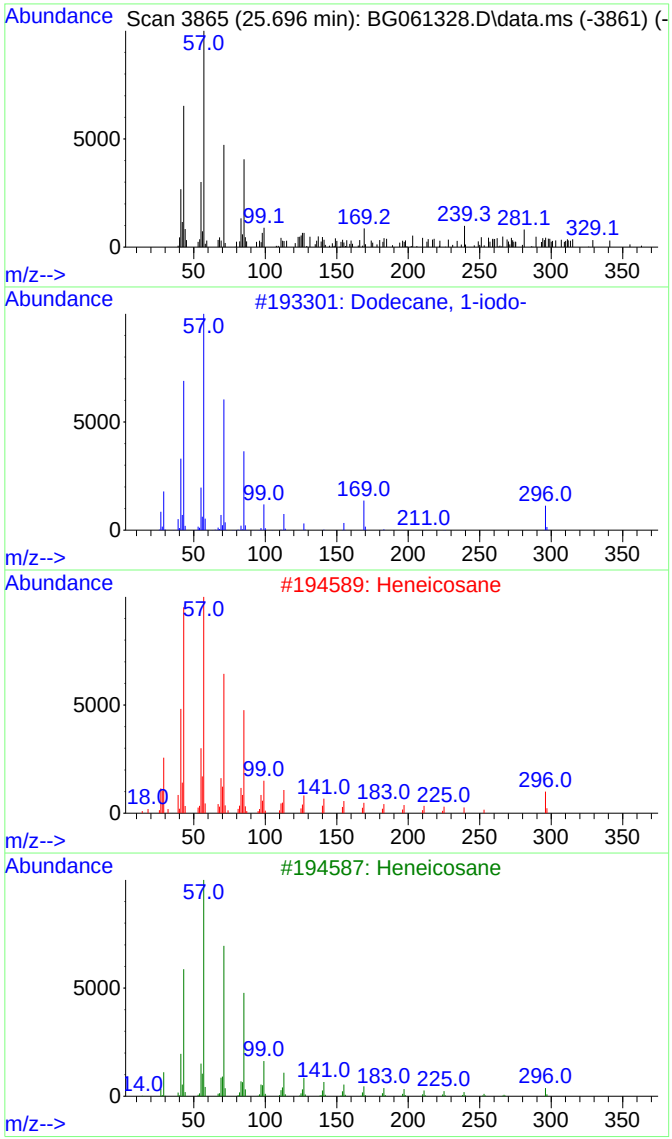
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

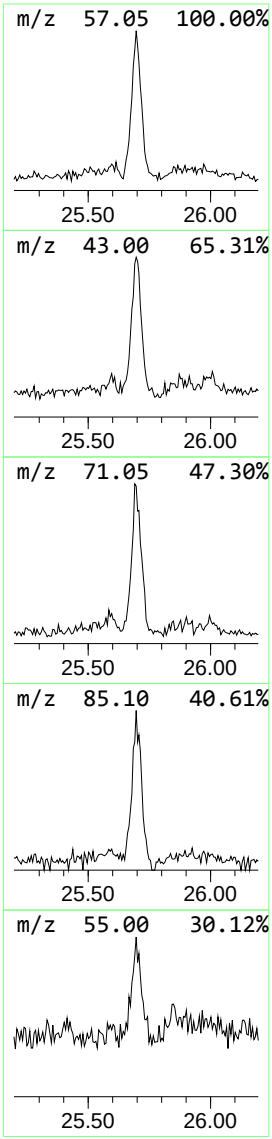
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dodecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.696	4.86 ng/ul	138521	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	70
2	Heneicosane	296	C21H44	000629-94-7	70
3	Heneicosane	296	C21H44	000629-94-7	58
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	52
5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061328.D
Acq On : 29 May 2024 14:34
Operator : MA/JU
Sample : P2568-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH632

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, ...	3.040	9.3	ng/ul	72447	1	7.881	155405	20.0
Butane, 2-metho...	3.081	270.3	ng/ul	2100520	1	7.881	155405	20.0
unknown-01	3.763	2.5	ng/ul	19241	1	7.881	155405	20.0
2H-Pyran, tetra...	3.863	7.7	ng/ul	60083	1	7.881	155405	20.0
(DEL) Alkane: S...	4.309	39.9	ng/ul	310186	1	7.881	155405	20.0
unknown-02	4.714	31.9	ng/ul	247818	1	7.881	155405	20.0
unknown-03	5.085	2.7	ng/ul	20827	1	7.881	155405	20.0
Phenanthrene, 1...	18.187	3.1	ng/ul	70016	4	17.265	445647	20.0
4H-Cyclopenta[d...	18.334	2.8	ng/ul	61490	4	17.265	445647	20.0
9,10-Anthracene...	18.686	2.0	ng/ul	44869	4	17.265	445647	20.0
Cyclopenta(def)...	19.203	2.0	ng/ul	45079	4	17.265	445647	20.0
unknown-04	21.183	3.8	ng/ul	178116	5	21.518	929488	20.0
7H-Benz[de]anth...	21.260	2.1	ng/ul	96093	5	21.518	929488	20.0
(DEL) Alkane: S...	22.294	2.3	ng/ul	106097	5	21.518	929488	20.0
Octadecanamide	22.928	3.4	ng/ul	159986	5	21.518	929488	20.0
E-8-Hexadecen-1...	23.287	3.7	ng/ul	105912	6	24.609	570150	20.0
Benzo[j]fluoran...	24.321	7.1	ng/ul	202724	6	24.609	570150	20.0
Oxirane, hexade...	25.120	4.4	ng/ul	125676	6	24.609	570150	20.0
Dodecane, 1-iodo-	25.696	4.9	ng/ul	138521	6	24.609	570150	20.0