LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058174.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.138	4	8	15	rVV	123036	168618	13.38%	1.103%
2	3.214	17	21	31	rVB	75663	123725	9.82%	0.809%
3	3.925	139	142	150	rVB5	4647	7352	0.58%	0.048%
4	4.154	177	181	188	rVB2	2797	4355	0.35%	0.028%
5	5.864	468	472	476	rVV5	4104	5980	0.47%	0.039%
6	6.593	592	596	603	rBV2	10217	17628	1.40%	0.115%
7	7.133	679	688	699	rBV	117901	221554	17.58%	1.449%
8	7.298	708	716	725	rBV	93009	159970	12.70%	1.046%
9	7.503	745	751	760	rBV	116466	199871	15.86%	1.307%
10	7.973	823	831	840	rBV	192146	325231	25.81%	2.127%
11	8.285	878	884	892	rVV	22546	37489	2.98%	0.245%
12	8.672	944	950	963	rBV	145097	259808	20.62%	1.699%
13	8.796	965	971	980	rVV	18544	35184	2.79%	0.230%
14	9.131	1020	1028	1039	rBV	116907	211023	16.75%	1.380%
15	9.853	1143	1151	1162	rBV	94155	169060	13.42%	1.106%
16	10.018	1174	1179	1189	rBV5	3112	10016	0.79%	0.065%
17	10.212	1206	1212	1219	rVB3	4395	8343	0.66%	0.055%
18	10.394	1236	1243	1253	rBV	145623	264618	21.00%	1.730%
19	10.776	1300	1308	1316	rBV	301751	530344	42.09%	3.468%
20	10.911	1324	1331	1342	rBV	129483	249074	19.77%	1.629%
21	13.484	1764	1769	1776	rVB2	5750	7659	0.61%	0.050%
22	14.002	1848	1857	1865	rBV	267129	400052	31.75%	2.616%
23	14.295	1900	1907	1917	rBV	330221	516182	40.97%	3.375%
24	14.601	1951	1959	1965	rBV	496235	778515	61.79%	5.091%
25	14.660	1965	1969	1975	rVV4	4963	9559	0.76%	0.063%
26	14.795	1986	1992	2008	rBV	86922	175120	13.90%	1.145%
27	14.994	2021	2026	2034	rVB3	3735	7636	0.61%	0.050%
28	15.588	2118	2127	2134	rBV	428375	647310	51.38%	4.233%
29	15.641	2134	2136	2142	rVV2	4803	6234	0.49%	0.041%
30	15.705	2142	2147	2157	rVV	99094	147579	11.71%	0.965%
31	15.946	2183	2188	2193	rVB4	2744	4788	0.38%	0.031%
32	16.316	2248	2251	2257	rVB5	3128	4706	0.37%	0.031%
33	16.998	2361	2367	2370	rBV	6179	10395	0.83%	0.068%
34	17.080	2377	2381	2385	rVB4	3514	5112	0.41%	0.033%
35	17.163	2391	2395	2399	rVV2	4106	6245	0.50%	0.041%
36	17.339	2419	2425	2430	rBV	612915	973409	77.26%	6.365%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

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-BG070123.MA.M
Title : SVOA CALIBRATION

37	17.380	2430	2432	2437	rVV	93080	125842	9.99%	0.823%
38	17.439	2437	2442	2453	rVB2	446718	702721	55.77%	4.595%
39	17.744	2486	2494	2499	rBV3	9082	15852	1.26%	0.104%
40	17.920	2520	2524	2528	rVB3	3453	5683	0.45%	0.037%
41	18.167	2561	2566	2570	rBV5	3848	6091	0.48%	0.040%
42	18.214	2570	2574	2578	rBV3	21292	33103	2.63%	0.216%
43	18.261	2578	2582	2589	rVB2	17518	27652	2.19%	0.181%
44	18.349	2593	2597	2601	rVB6	3809	6445	0.51%	0.042%
45	18.408	2601	2607	2611	rBV3	16698	33259	2.64%	0.217%
46	18.443	2611	2613	2619	rVB3	9265	12776	1.01%	0.084%
47	18.508	2621	2624	2630	rBV6	3523	5859	0.47%	0.038%
48	18.714	2652	2659	2662	rBV	10418	18720	1.49%	0.122%
49	18.755	2662	2666	2671	rVV2	19755	28868	2.29%	0.189%
50	18.796	2671	2673	2677	rVB2	5397	6416	0.51%	0.042%
51	18.913	2688	2693	2696	rBV6	4119	5402	0.43%	0.035%
52	18.966	2696	2702	2703	rBV5	4963	8639	0.69%	0.056%
53	19.019	2703	2711	2717	rBV2	8690	20415	1.62%	0.133%
54	19.137	2726	2731	2734	rBV5	9978	17208	1.37%	0.113%
55	19.190	2736	2740	2743	rBV5	17244	20916	1.66%	0.137%
56	19.272	2749	2754	2761	rBV4	18475	49298	3.91%	0.322%
57	19.389	2769	2774	2779	rBV	267962	375802	29.83%	2.457%
58	19.489	2787	2791	2795	rVB6	8481	9875	0.78%	0.065%
59	19.583	2804	2807	2810	rBV5	7340	9454	0.75%	0.062%
60	19.636	2813	2816	2824	rVB3	10892	16284	1.29%	0.106%
61	19.724	2825	2831	2835	rVV	574474	953063	75.64%	6.232%
62	19.754	2835	2836	2842	rVV	239762	224912	17.85%	1.471%
63	19.824	2844	2848	2852	rVB	13061	17789	1.41%	0.116%
64	19.924	2863	2865	2872	rVB2	11994	19966	1.58%	0.131%
65	19.989	2872	2876	2881	rBV4	8202	12030	0.95%	0.079%
66	20.083	2886	2892	2897	rBV2	15242	39315	3.12%	0.257%
67	20.212	2908	2914	2915	rBV6	13058	20650	1.64%	0.135%
68	20.241	2916	2919	2924	rVB	29356	40883	3.24%	0.267%
69	20.341	2932	2936	2940	rBV2	12737	18326	1.45%	0.120%
70	20.400	2941	2946	2950	rVB3	19642	30961	2.46%	0.202%
71	20.470	2957	2958	2962	rVB4	6286	5966	0.47%	0.039%
72	20.541	2967	2970	2973	rBV2	13380	18701	1.48%	0.122%
73	20.570	2973	2975	2977	rBV3	7437	7247	0.58%	0.047%
74	20.676	2990	2993	2996	rBV5	7505	8285	0.66%	0.054%
75	20.735	3001	3003	3007	rVB4	8872	10189	0.81%	0.067%
76	20.999	3044	3048	3055	rVB	31836	52079	4.13%	0.341%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

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-BG070123.MA.M
Title : SVOA CALIBRATION

77	21.181	3074	3079	3083	rBV3	21157	34304	2.72%	0.224%
78	21.228	3083	3087	3090	rVV3	22761	36220	2.87%	0.237%
79	21.269	3091	3094	3099	rVV2	27256	53255	4.23%	0.348%
80	21.328	3100	3104	3116	rVB2	34665	72477	5.75%	0.474%
81	21.469	3126	3128	3133	rVB4	13875	18168	1.44%	0.119%
82	21.598	3141	3150	3155	rBV3	631086	1230698	97.68%	8.048%
83	21.640	3155	3157	3168	rVB	127357	202422	16.07%	1.324%
84	21.792	3178	3183	3187	rBV5	15739	28601	2.27%	0.187%
85	21.863	3191	3195	3196	rBV3	10619	12234	0.97%	0.080%
86	22.004	3214	3219	3224	rVB3	13702	27961	2.22%	0.183%
87	22.380	3278	3283	3293	rVB6	42107	90709	7.20%	0.593%
88	22.591	3314	3319	3324	rBV2	55230	106582	8.46%	0.697%
89	23.056	3392	3398	3404	rVB3	37898	87448	6.94%	0.572%
90	23.772	3512	3520	3527	rBV2	100889	332402	26.38%	2.174%
91	23.843	3527	3532	3543	rVB4	117460	289777	23.00%	1.895%
92	24.483	3635	3641	3647	rBV	55806	156919	12.45%	1.026%
93	24.571	3647	3656	3663	rVV2	265005	693259	55.02%	4.533%
94	24.789	3682	3693	3704	rBV2	433278	1259952	100.00%	8.239%
95	25.271	3772	3775	3776	rBV3	6297	7444	0.59%	0.049%
96	25.899	3874	3882	3892	rVB3	66633	200778	15.94%	1.313%
97	27.239	4100	4110	4120	rVB3	53934	173526	13.77%	1.135%
98	28.420	4301	4311	4315	rBV2	33369	102509	8.14%	0.670%
99	28.902	4375	4393	4394	rBV6	56614	236258	18.75%	1.545%
100	29.566	4497	4506	4517	rVB3	21016	85951	6.82%	0.562%

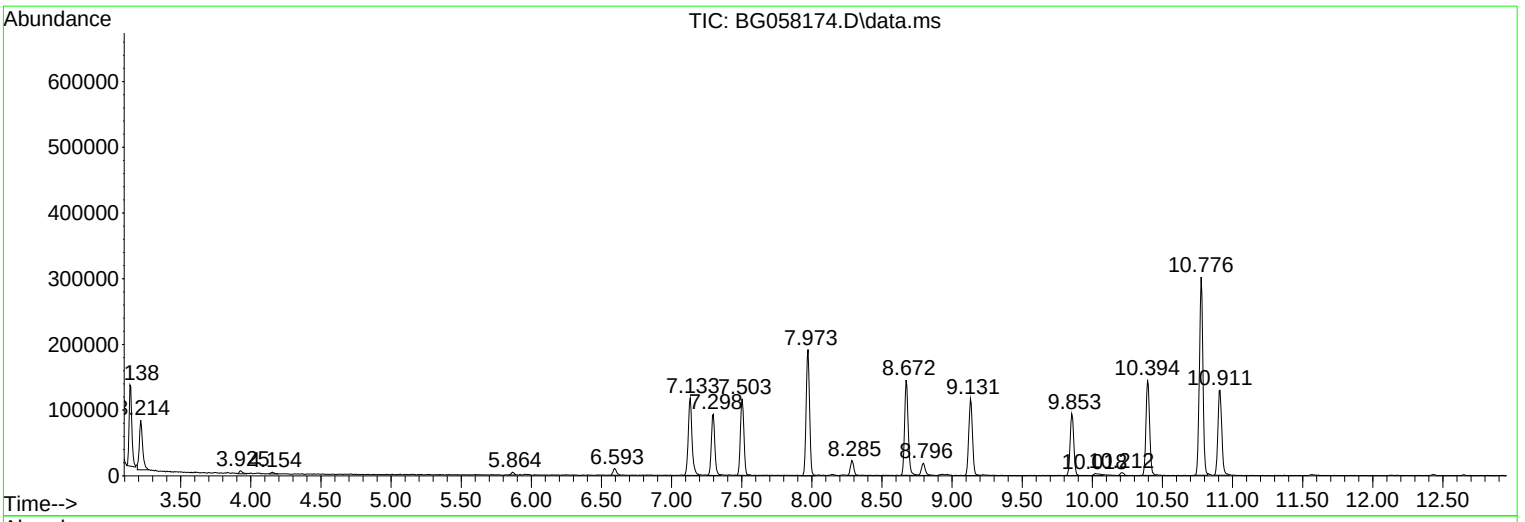
Sum of corrected areas: 15292540

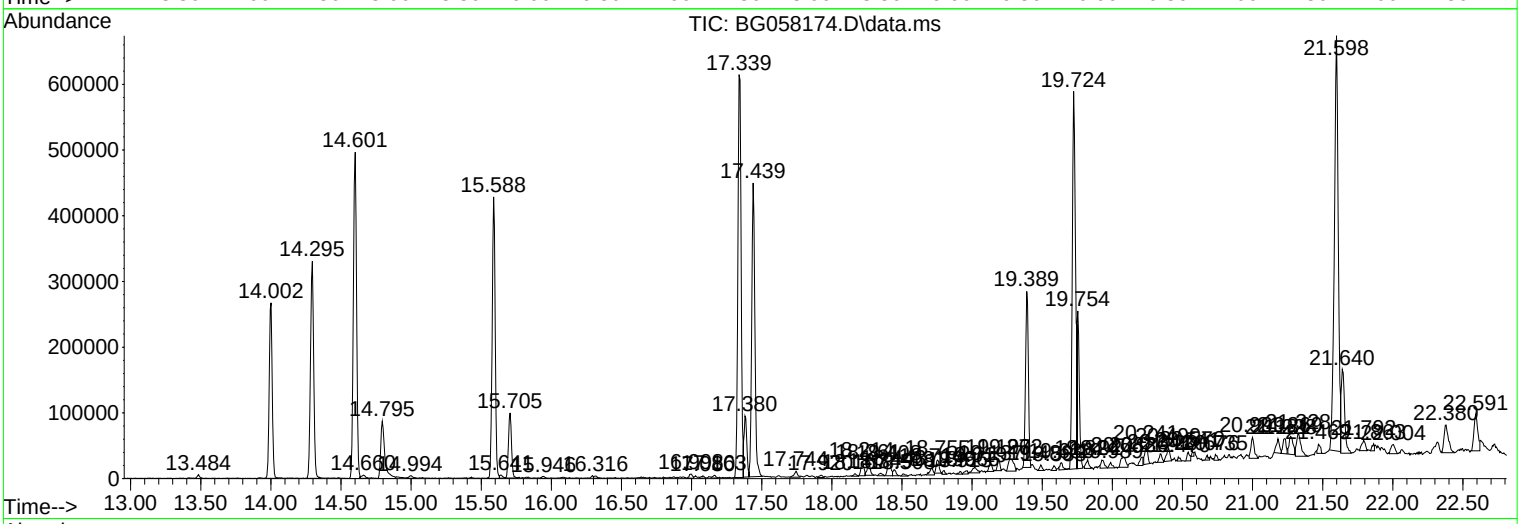
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

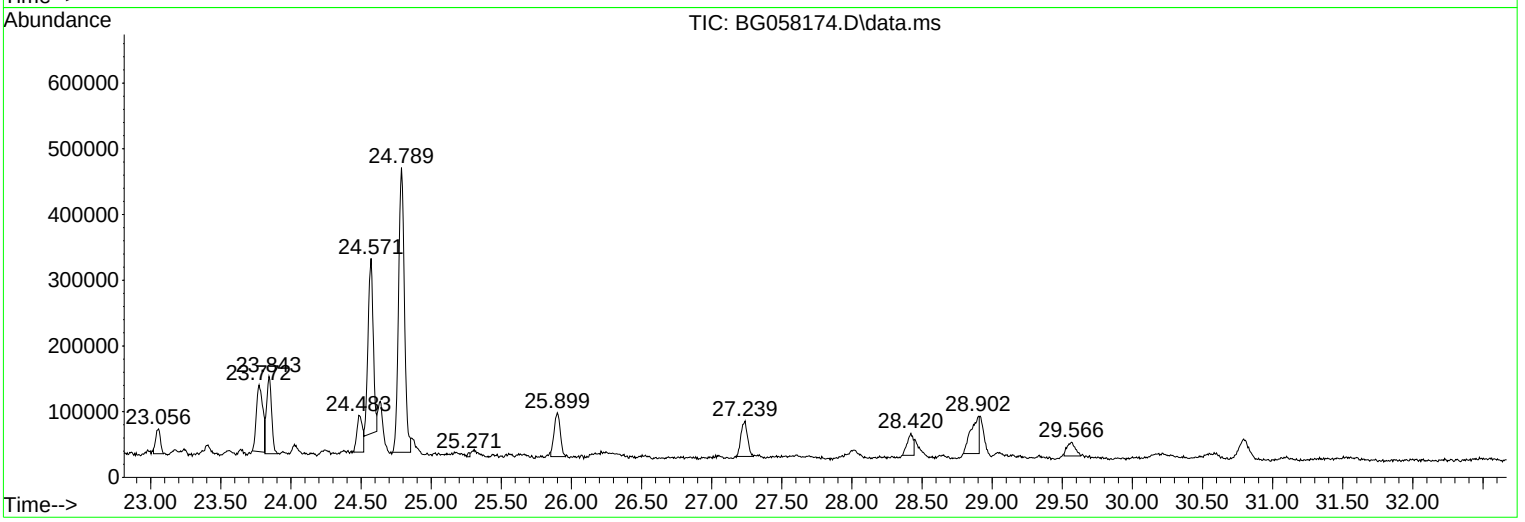
Instrument :
BNA_G
ClientSampleId :
EX800

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

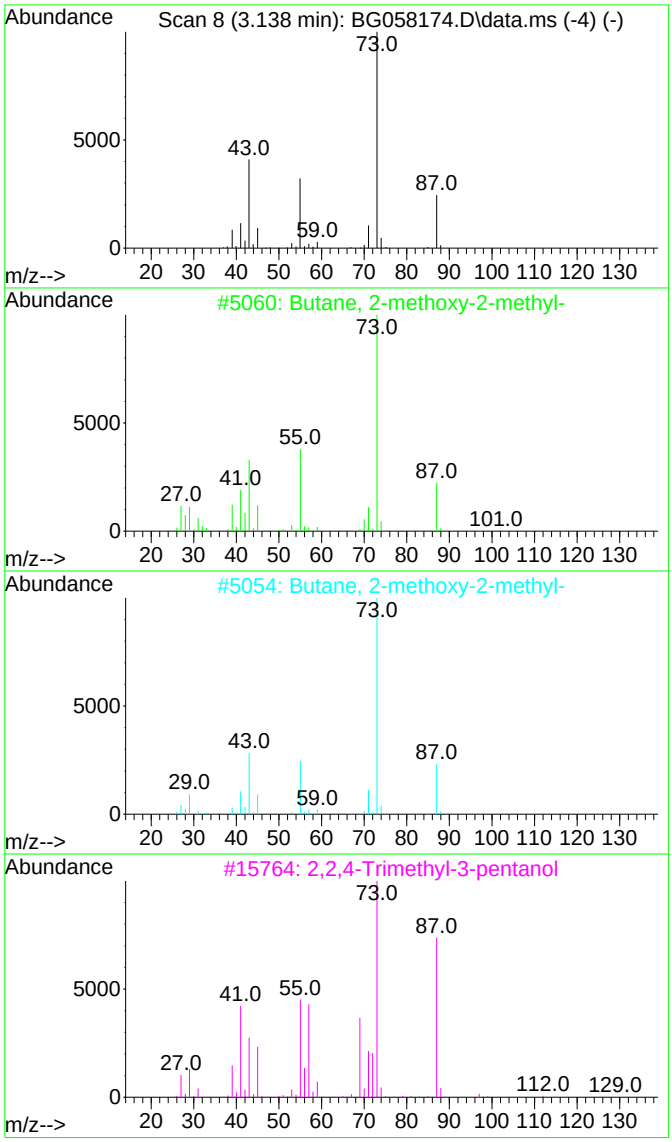
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

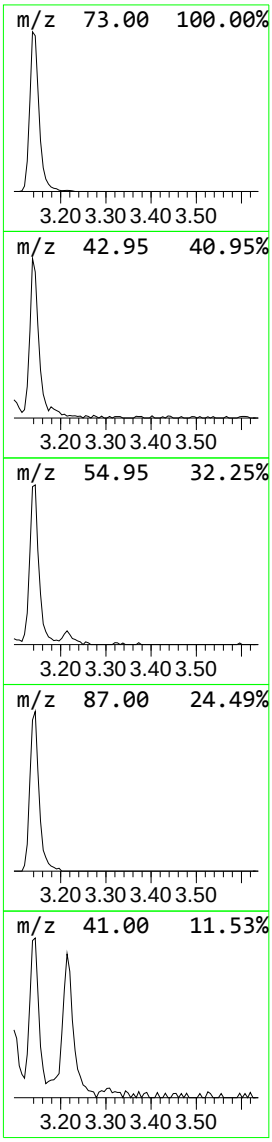
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.138	10.37 ng/ul	168618	1,4-Dichlorobenzene-d4	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

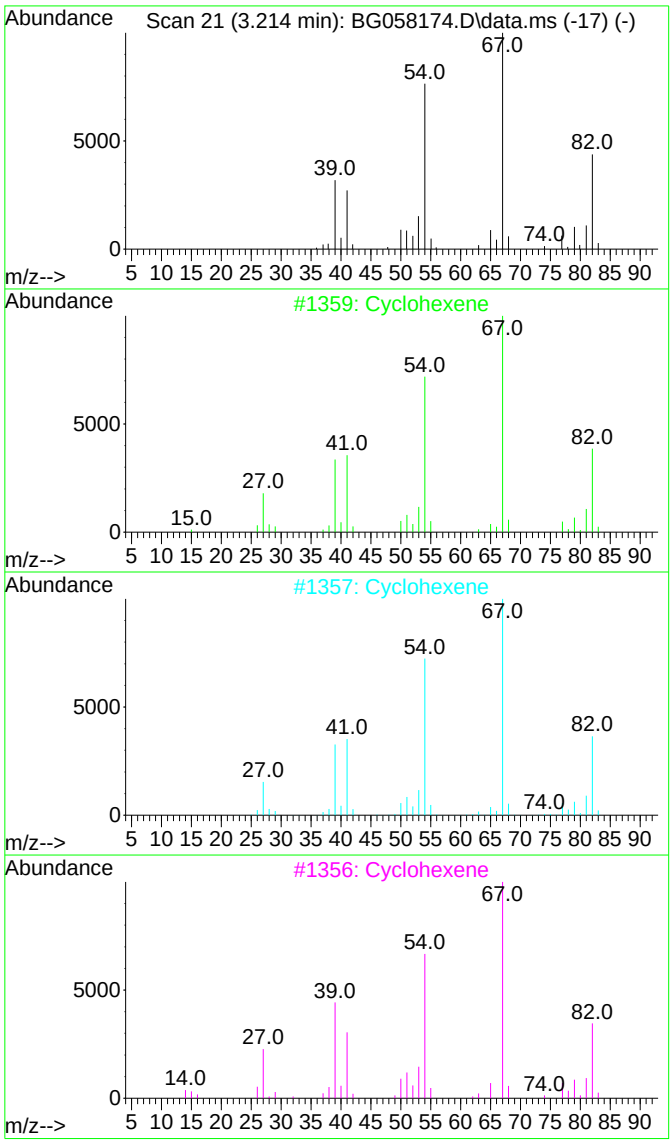
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

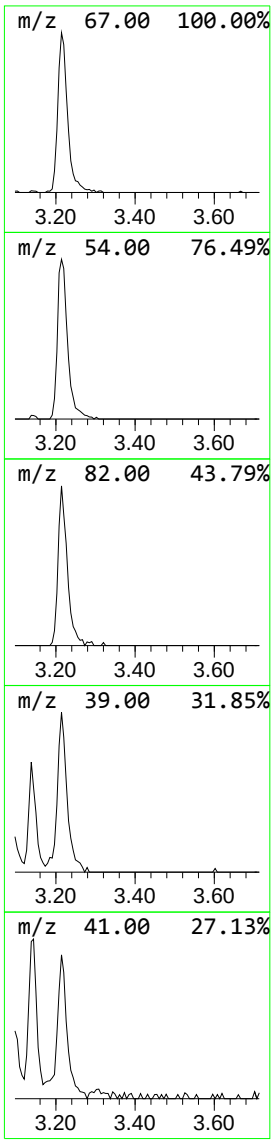
****

Peak Number 2 Cyclohexene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.214	7.61 ng/ul	123725	1,4-Dichlorobenzene-d4	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	94
2	Cyclohexene	82	C6H10	000110-83-8	91
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

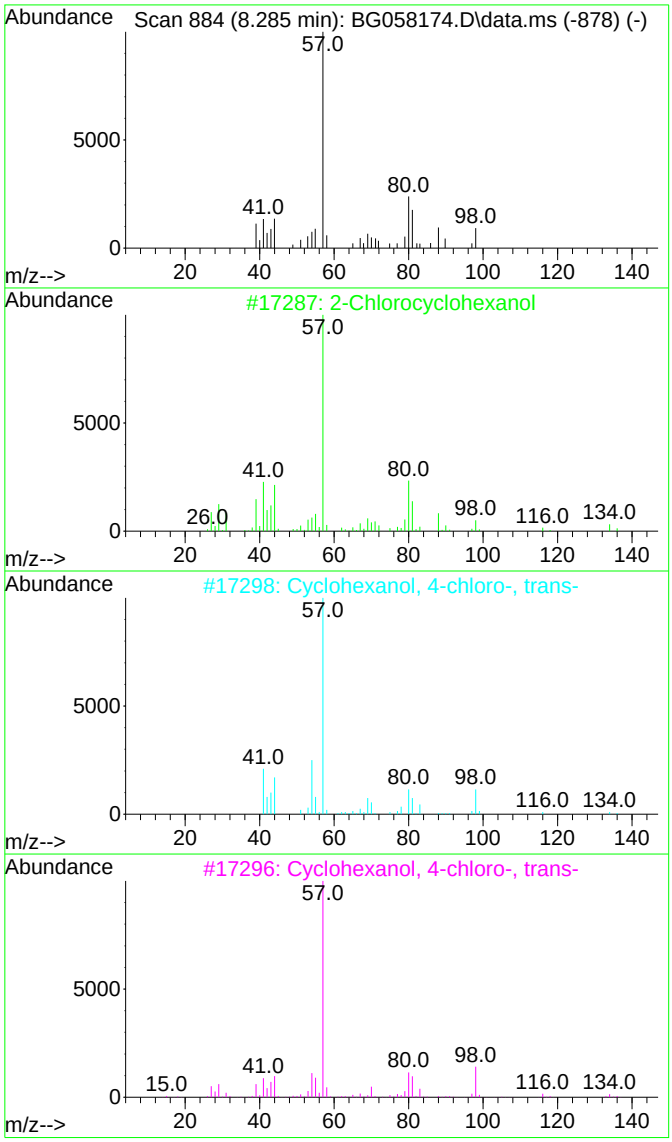
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

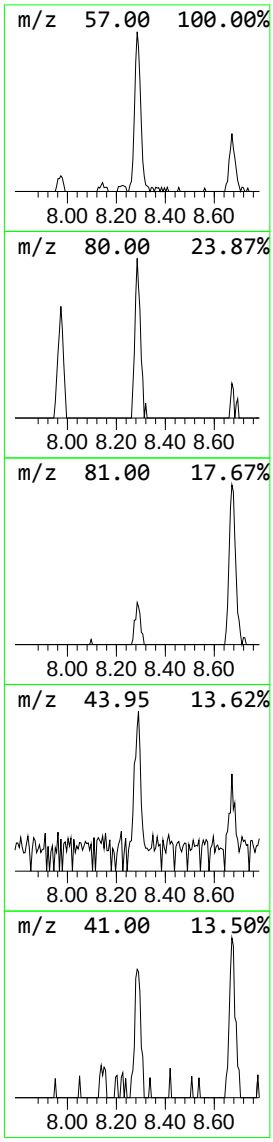
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Chlorocyclohexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.285	2.31 ng/ul	37489	1,4-Dichlorobenzene-d4	7.973

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorocyclohexanol	134	C6H11ClO	001561-86-0	78
2	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	47
3	Cyclohexanol, 4-chloro-, trans-	134	C6H11ClO	029538-77-0	37
4	Acetic acid, dichloro-, heptyl e...	226	C9H16Cl2O2	083004-97-1	17
5	6-Amino-1-hexyl phosphate	197	C6H16NO4P	007564-68-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

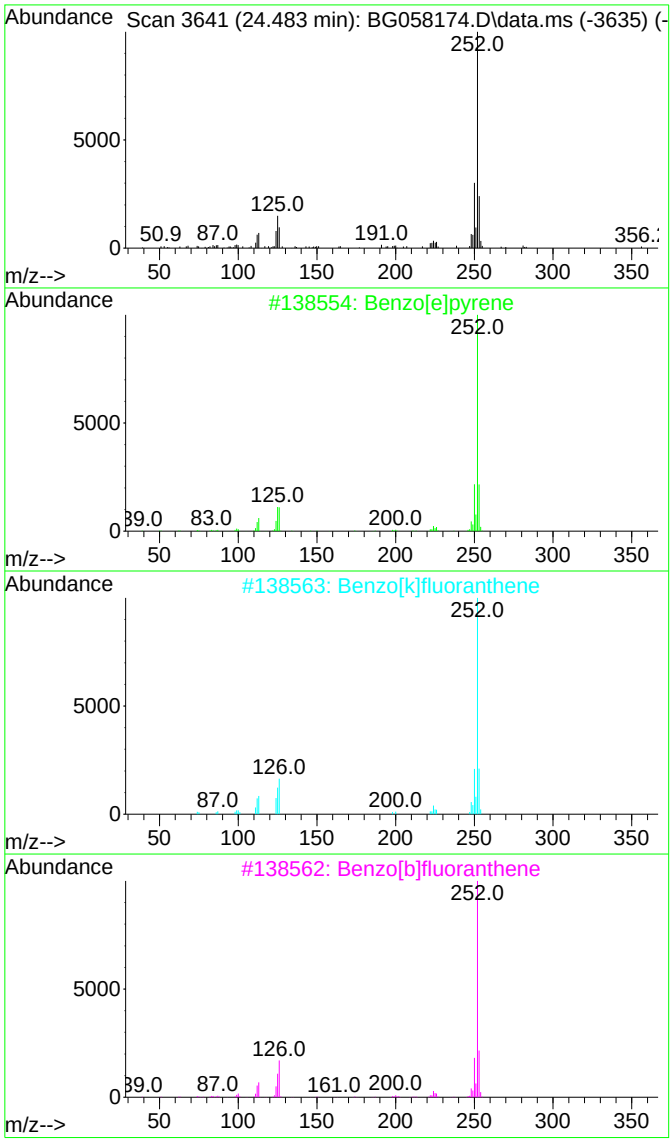
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

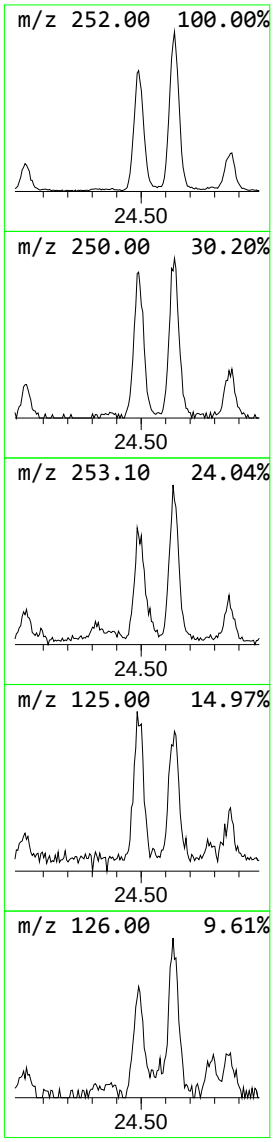
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.483	2.49 ng/ul	156919	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

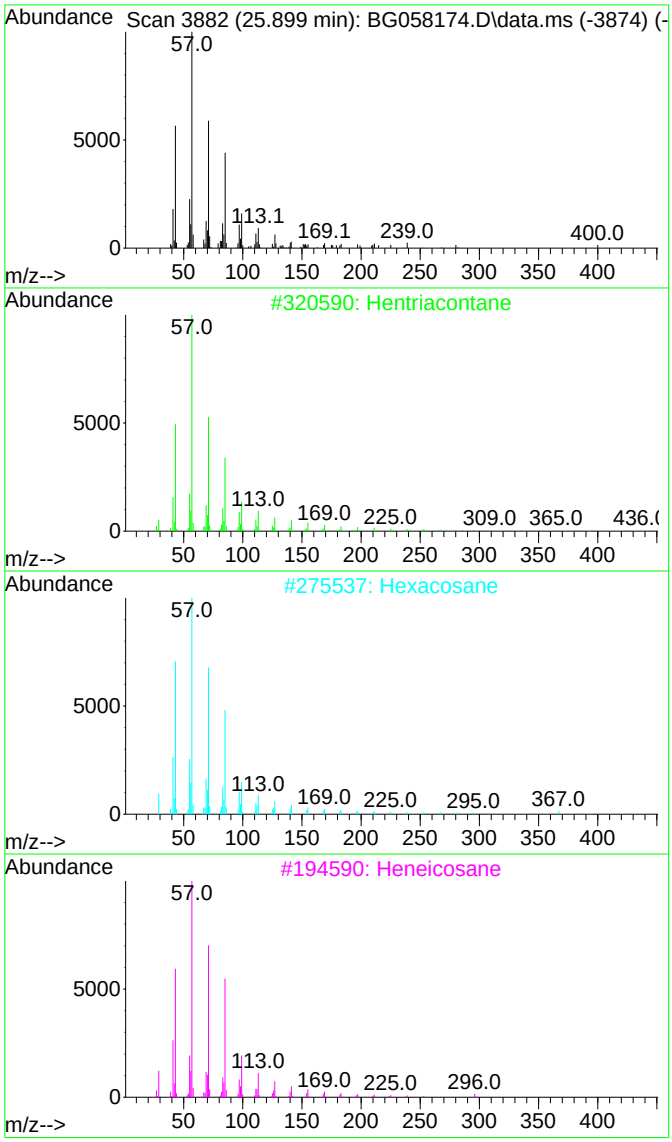
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

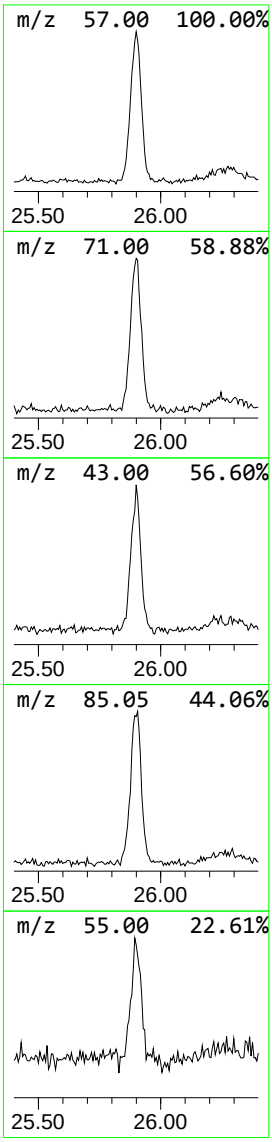
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.899	3.19 ng/ul	200778	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

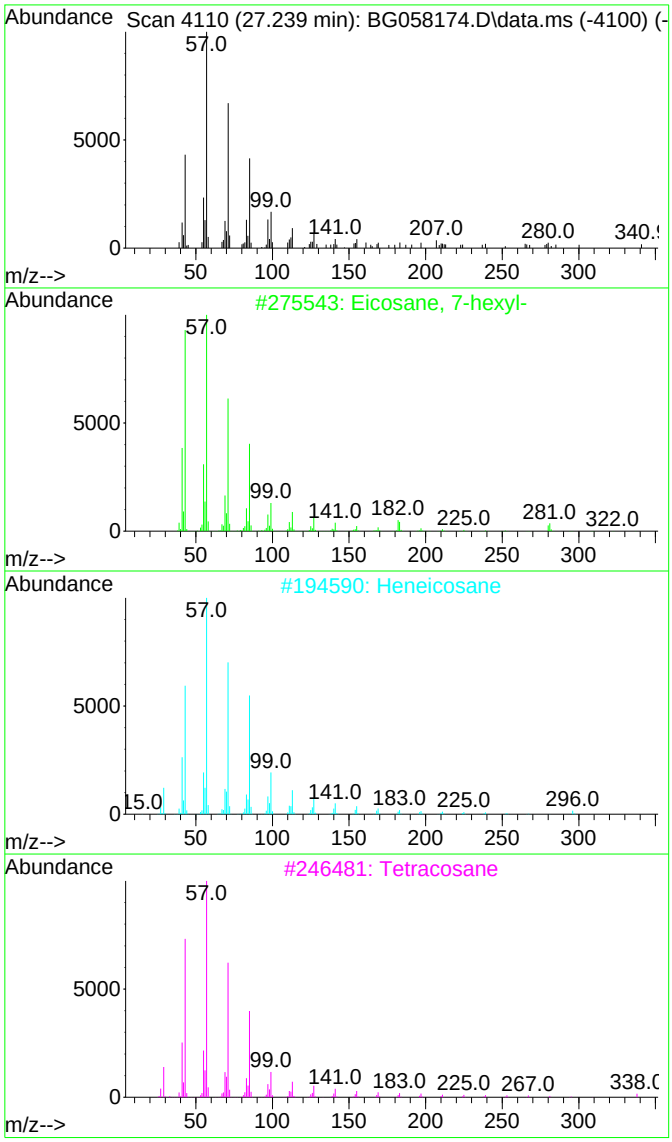
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

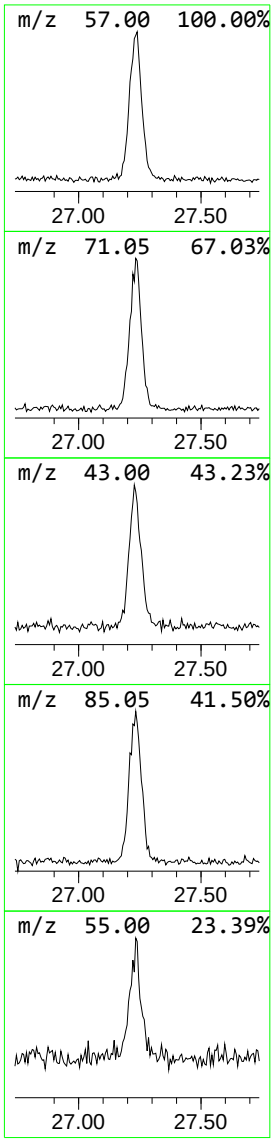
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.239	2.75 ng/ul	173526	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

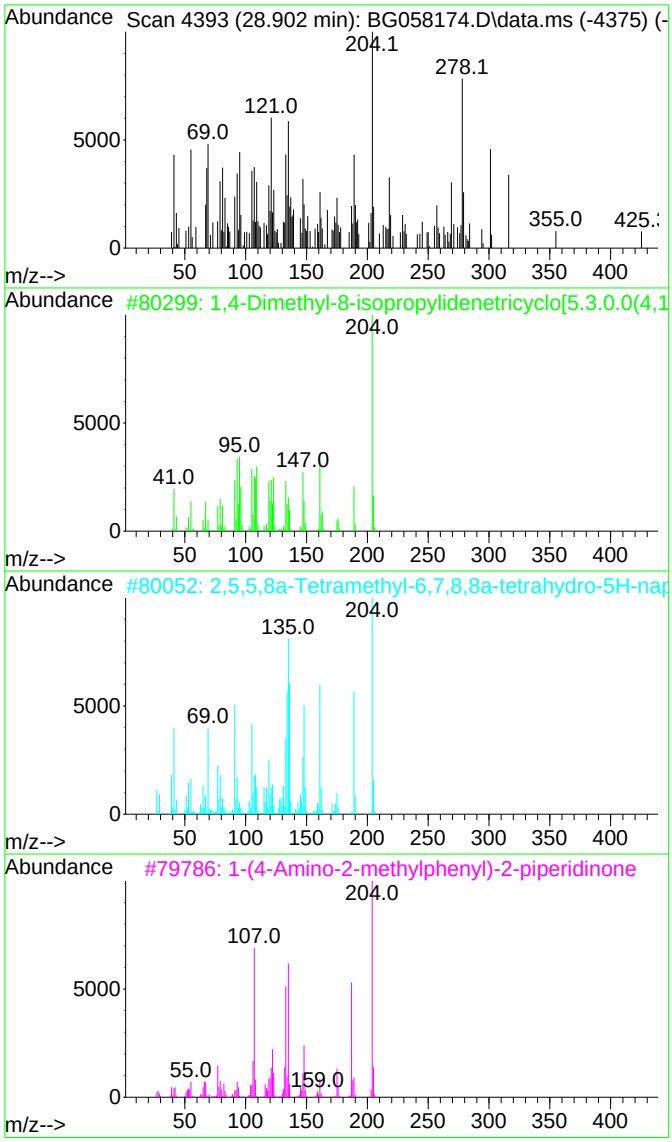
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

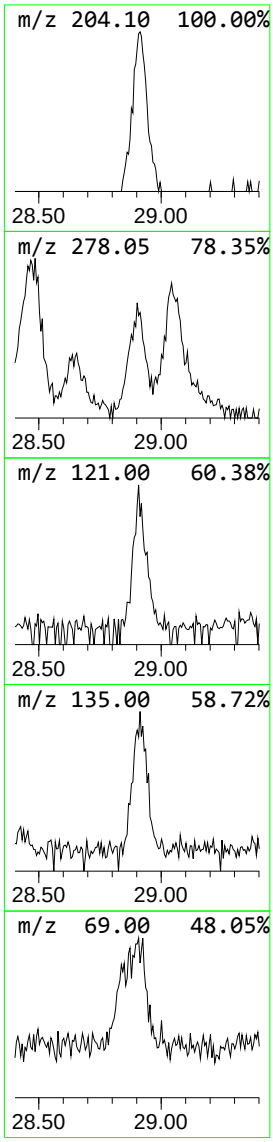
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,4-Dimethyl-8-isopropylide... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.902	3.75 ng/ul	236258	Perylene-d12	24.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1010140-07-7	51
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	46
3	1-(4-Amino-2-methylphenyl)-2-pip...	204	C12H16N2O	443999-53-9	42
4	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	42
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058174.D
Acq On : 12 Jul 2023 1:18
Operator : CG/JU
Sample : 03386-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX800

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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...	3.138	10.4	ng/ul	168618	1	7.973	325231	20.0
Cyclohexene	3.214	7.6	ng/ul	123725	1	7.973	325231	20.0
2-Chlorocyclohe...	8.285	2.3	ng/ul	37489	1	7.973	325231	20.0
Benzo[e]pyrene	24.483	2.5	ng/ul	156919	6	24.789	1259950	20.0
(DEL) Alkane: S...	25.899	3.2	ng/ul	200778	6	24.789	1259950	20.0
(DEL) Alkane: S...	27.239	2.8	ng/ul	173526	6	24.789	1259950	20.0
1,4-Dimethyl-8-...	28.902	3.8	ng/ul	236258	6	24.789	1259950	20.0