LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.073	3	6	15	rVB2	49086	100411	5.07%	1.024%
2	3.155	15	20	32	rVB	39240	74220	3.75%	0.757%
3	3.420	61	65	71	rVB5	5596	9740	0.49%	0.099%
4	3.849	135	138	149	rBV	55253	108522	5.48%	1.107%
5	4.189	192	196	200	rVB4	3989	5049	0.26%	0.051%
6	7.191	701	707	716	rBV	116137	213243	10.78%	2.175%
7	7.361	730	736	747	rBV	71314	121057	6.12%	1.235%
8	7.567	765	771	782	rVB	109834	184250	9.31%	1.879%
9	8.043	845	852	858	rBV	94096	164978	8.34%	1.683%
10	8.096	858	861	867	rVB5	4620	6747	0.34%	0.069%
11	8.748	964	972	979	rBV	141238	244370	12.35%	2.493%
12	8.801	979	981	987	rVB3	5275	7434	0.38%	0.076%
13	9.206	1043	1050	1062	rBV	107448	199013	10.06%	2.030%
14	9.611	1118	1119	1126	rVB3	3489	4004	0.20%	0.041%
15	9.934	1167	1174	1184	rVB2	101742	184057	9.30%	1.877%
16	10.481	1259	1267	1275	rBV2	136645	245535	12.41%	2.504%
17	10.622	1285	1291	1303	rBV2	26077	48724	2.46%	0.497%
18	10.863	1323	1332	1339	rVB	133581	238393	12.05%	2.432%
19	10.992	1345	1354	1362	rBV	127856	234996	11.88%	2.397%
20	11.914	1506	1511	1515	rBV2	2362	4579	0.23%	0.047%
21	14.088	1875	1881	1890	rBV	252963	373707	18.89%	3.812%
22	14.387	1925	1932	1939	rBV	253425	411962	20.82%	4.202%
23	14.693	1977	1984	1992	rBV2	208612	321893	16.27%	3.283%
24	14.887	2008	2017	2029	rBV	96491	180800	9.14%	1.844%
25	14.963	2029	2030	2036	rVB3	2781	3296	0.17%	0.034%
26	15.685	2146	2153	2160	rVB	327934	504882	25.52%	5.150%
27	15.803	2168	2173	2179	rBV	108752	169277	8.56%	1.727%
28	15.926	2189	2194	2198	rBV	3018	4425	0.22%	0.045%
29	17.442	2446	2452	2458	rVB	254568	377277	19.07%	3.848%
30	17.542	2463	2469	2476	rVB	356621	535416	27.06%	5.461%
31	17.976	2540	2543	2546	rBV	1762	2588	0.13%	0.026%
32	18.100	2560	2564	2571	rVB2	11747	12297	0.62%	0.125%
33	18.323	2598	2602	2607	rBV2	12961	16984	0.86%	0.173%
34	18.758	2670	2676	2685	rBV	94315	138914	7.02%	1.417%
35	19.263	2759	2762	2765	rVB4	11721	11419	0.58%	0.116%
36	19.398	2778	2785	2788	rBV6	7083	10353	0.52%	0.106%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

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-BG080421.M
Title : SVOA CALIBRATION

37	19.469	2792	2797	2802	rVV2	5731	8577	0.43%	0.087%
38	19.592	2814	2818	2823	rBV4	3620	5240	0.26%	0.053%
39	19.827	2852	2858	2868	rVB	418466	594517	30.05%	6.064%
40	19.939	2873	2877	2879	rBV2	2082	2820	0.14%	0.029%
41	20.185	2916	2919	2921	rBV3	2157	2721	0.14%	0.028%
42	20.344	2943	2946	2949	rVB4	2821	3382	0.17%	0.034%
43	20.479	2967	2969	2973	rBV3	2410	2644	0.13%	0.027%
44	20.585	2983	2987	2989	rVB4	4387	5793	0.29%	0.059%
45	20.802	3018	3024	3029	rBV	1732710	1978641	100.00%	20.182%
46	20.908	3041	3042	3047	rBV4	1952	2599	0.13%	0.027%
47	21.019	3059	3061	3064	rBV3	4210	5607	0.28%	0.057%
48	21.049	3064	3066	3069	rVV4	2763	3394	0.17%	0.035%
49	21.119	3073	3078	3081	rBV5	3888	7179	0.36%	0.073%
50	21.348	3113	3117	3125	rBV4	36854	73799	3.73%	0.753%
51	21.466	3135	3137	3140	rVV4	2305	3099	0.16%	0.032%
52	21.724	3174	3181	3188	rBV	233447	387087	19.56%	3.948%
53	21.801	3192	3194	3197	rVB2	3078	2814	0.14%	0.029%
54	22.353	3287	3288	3291	rVB3	4522	3285	0.17%	0.034%
55	22.394	3291	3295	3296	rBV4	3155	4820	0.24%	0.049%
56	22.441	3300	3303	3305	rBV3	3742	3489	0.18%	0.036%
57	22.535	3313	3319	3321	rBV7	4371	6992	0.35%	0.071%
58	23.064	3407	3409	3413	rVB3	2555	2752	0.14%	0.028%
59	23.175	3425	3428	3429	rBV3	2345	2596	0.13%	0.026%
60	23.228	3432	3437	3440	rVV6	5641	9389	0.47%	0.096%
61	23.416	3467	3469	3473	rVB5	4093	4065	0.21%	0.041%
62	23.493	3480	3482	3485	rVB4	2388	2950	0.15%	0.030%
63	23.863	3540	3545	3546	rBV4	4010	6776	0.34%	0.069%
64	23.898	3546	3551	3557	rVV5	26162	55438	2.80%	0.565%
65	24.009	3566	3570	3571	rBV2	2503	3384	0.17%	0.035%
66	24.051	3571	3577	3583	rVV8	9570	21937	1.11%	0.224%
67	24.767	3689	3699	3709	rVV2	199655	555070	28.05%	5.662%
68	24.867	3714	3716	3718	rBV2	3122	3062	0.15%	0.031%
69	24.996	3727	3738	3749	rBV2	146134	415668	21.01%	4.240%
70	25.343	3796	3797	3800	rBV2	2436	2669	0.13%	0.027%
71	25.425	3807	3811	3812	rBV4	8165	9386	0.47%	0.096%
72	25.701	3855	3858	3860	rBV4	3373	4072	0.21%	0.042%
73	25.748	3860	3866	3867	rBV5	4560	6486	0.33%	0.066%
74	25.995	3906	3908	3911	rBV3	3538	4474	0.23%	0.046%
75	26.160	3932	3936	3938	rBV5	8616	11747	0.59%	0.120%
76	26.306	3957	3961	3962	rVV3	3161	4480	0.23%	0.046%

LSC Area Percent Report

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Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

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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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

77	26.348	3966	3968	3973	rVB5	2355	3914	0.20%	0.040%
78	26.500	3992	3994	3998	rVB4	2644	3699	0.19%	0.038%
79	27.082	4091	4093	4096	rVB4	2884	3346	0.17%	0.034%
80	27.493	4160	4163	4165	rBV4	3034	4255	0.22%	0.043%
81	27.517	4165	4167	4168	rBV2	4292	3521	0.18%	0.036%
82	27.540	4168	4171	4173	rVV4	5976	9740	0.49%	0.099%
83	27.558	4173	4174	4177	rVB3	6095	4232	0.21%	0.043%
84	27.740	4202	4205	4207	rBV4	2330	3022	0.15%	0.031%
85	28.057	4256	4259	4260	rBV3	2417	3202	0.16%	0.033%
86	28.292	4297	4299	4302	rVB3	2856	2789	0.14%	0.028%
87	28.850	4392	4394	4397	rVB4	4587	4467	0.23%	0.046%
88	28.879	4397	4399	4400	rBV2	3940	3259	0.16%	0.033%
89	29.173	4446	4449	4450	rBV3	2830	2745	0.14%	0.028%
90	29.202	4452	4454	4457	rBV3	4899	6895	0.35%	0.070%
91	29.420	4489	4491	4494	rVB3	3113	2935	0.15%	0.030%
92	30.213	4622	4626	4631	rVB7	3310	4232	0.21%	0.043%
93	30.377	4651	4654	4655	rBV3	2634	2705	0.14%	0.028%
94	30.460	4666	4668	4670	rBV3	3031	3439	0.17%	0.035%
95	30.736	4713	4715	4717	rVB3	3111	2843	0.14%	0.029%
96	30.765	4717	4720	4722	rBV3	2280	2970	0.15%	0.030%
97	31.176	4787	4790	4791	rBV3	3198	3836	0.19%	0.039%
98	31.212	4793	4796	4798	rBV4	3649	4655	0.24%	0.047%
99	31.435	4830	4834	4835	rBV3	2659	4137	0.21%	0.042%
100	32.204	4963	4965	4969	rBV4	2894	3428	0.17%	0.035%

Sum of corrected areas: 9803978

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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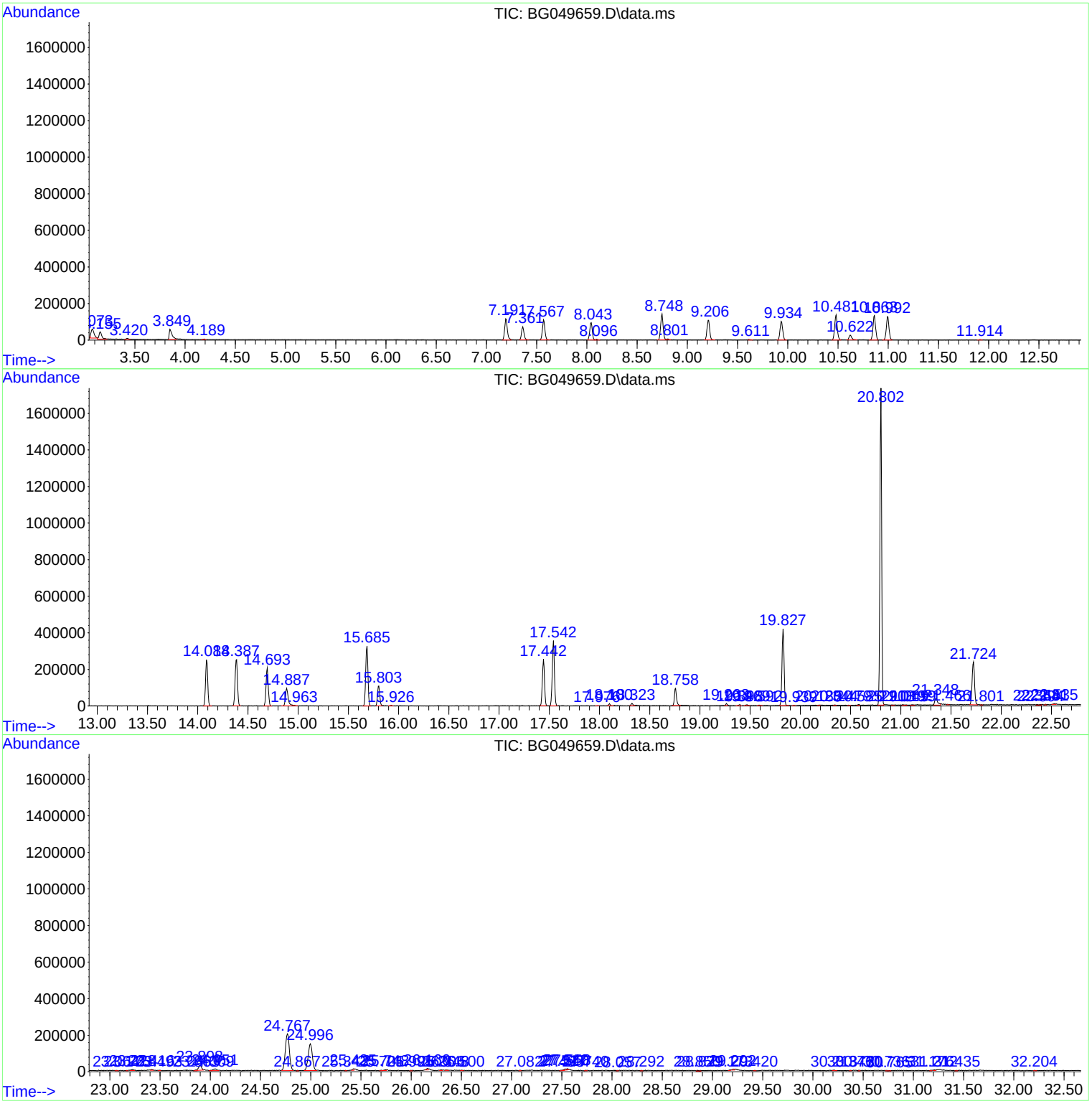
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEW6

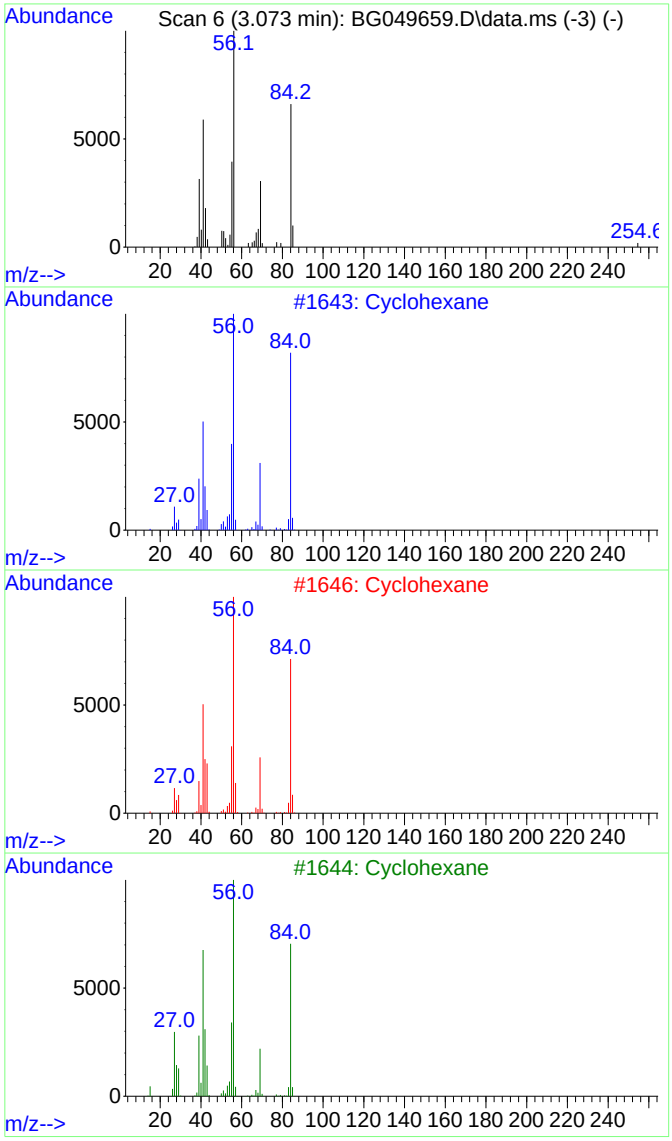
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

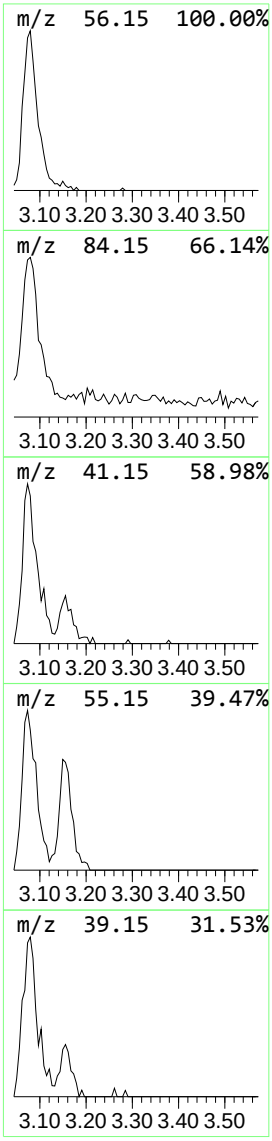
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.073 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.073	12.17 ng/ul	100411	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	Cyclohexane	84	C6H12	000110-82-7	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

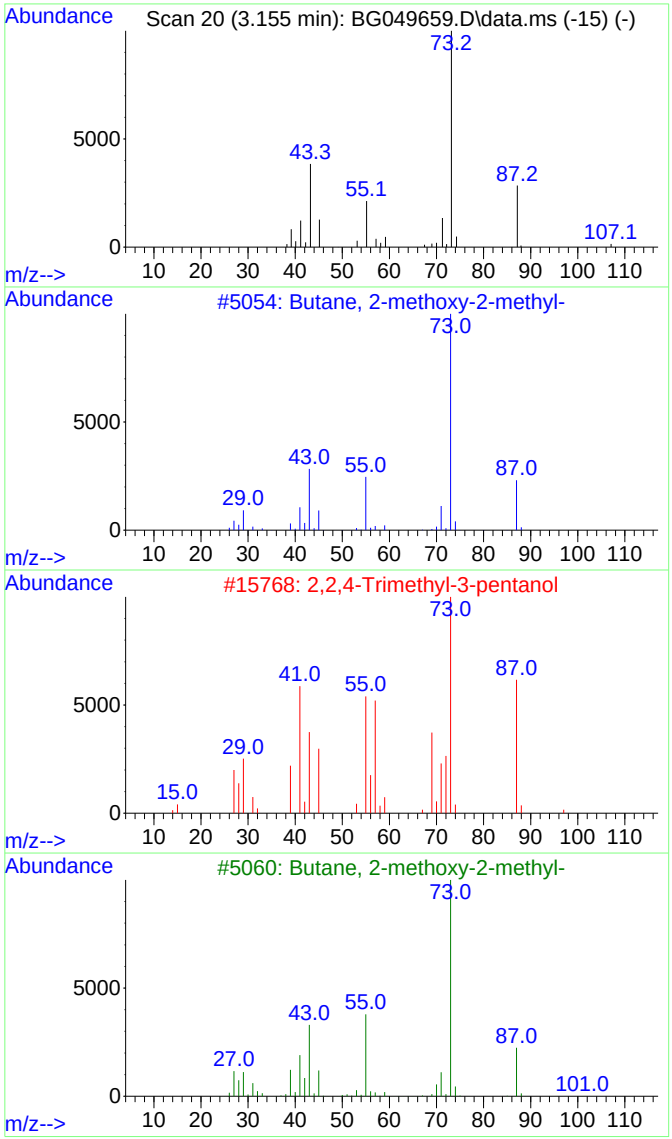
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

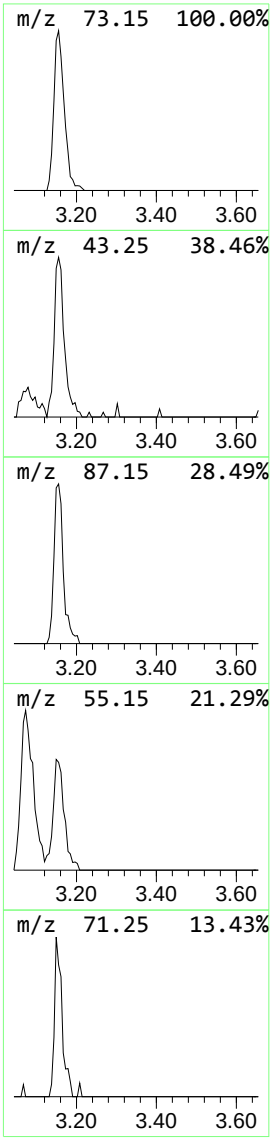
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.155	9.00 ng/ul	74220	1,4-Dichlorobenzene-d4	8.043

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25





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Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

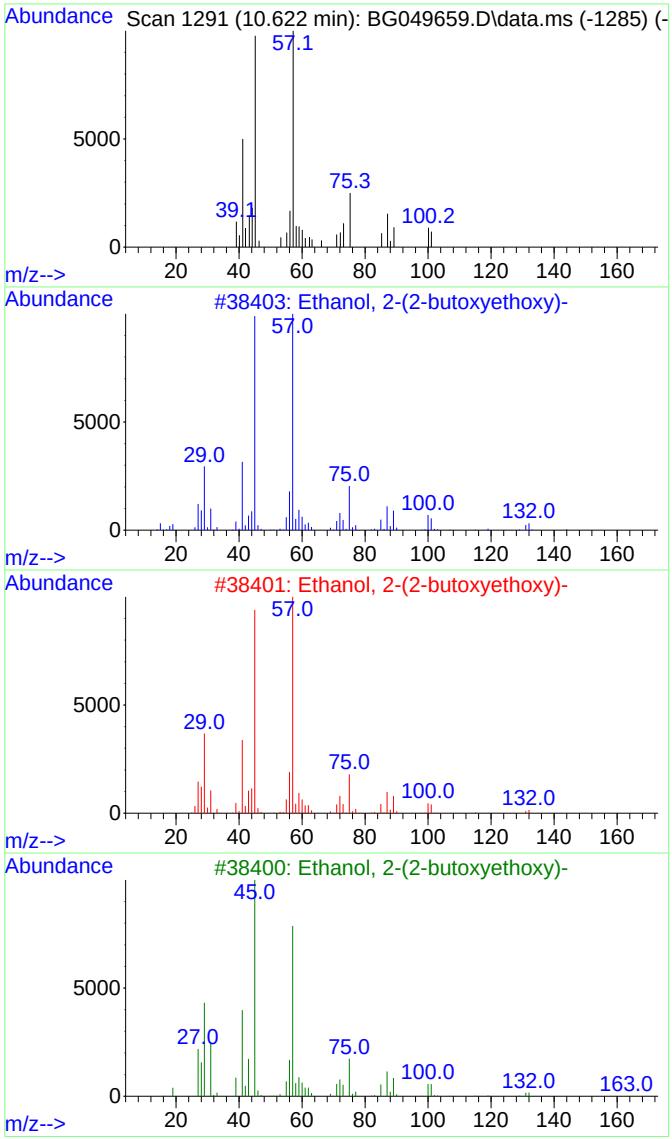
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

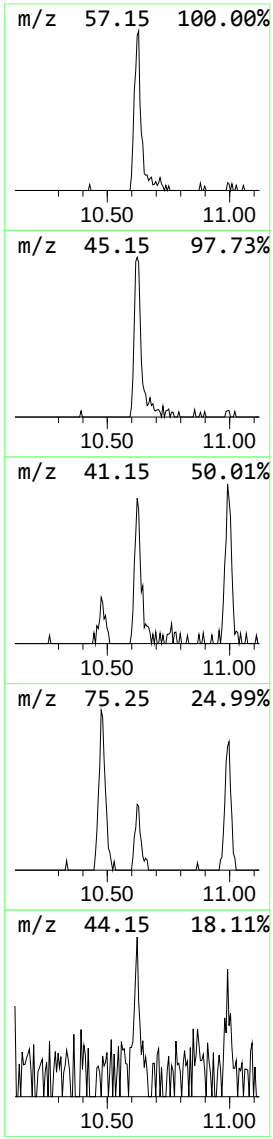
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.09 ng/ul	48724	Naphthalene-d8	10.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59





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Instrument : BNA_G
ClientSampleId : BGEW6

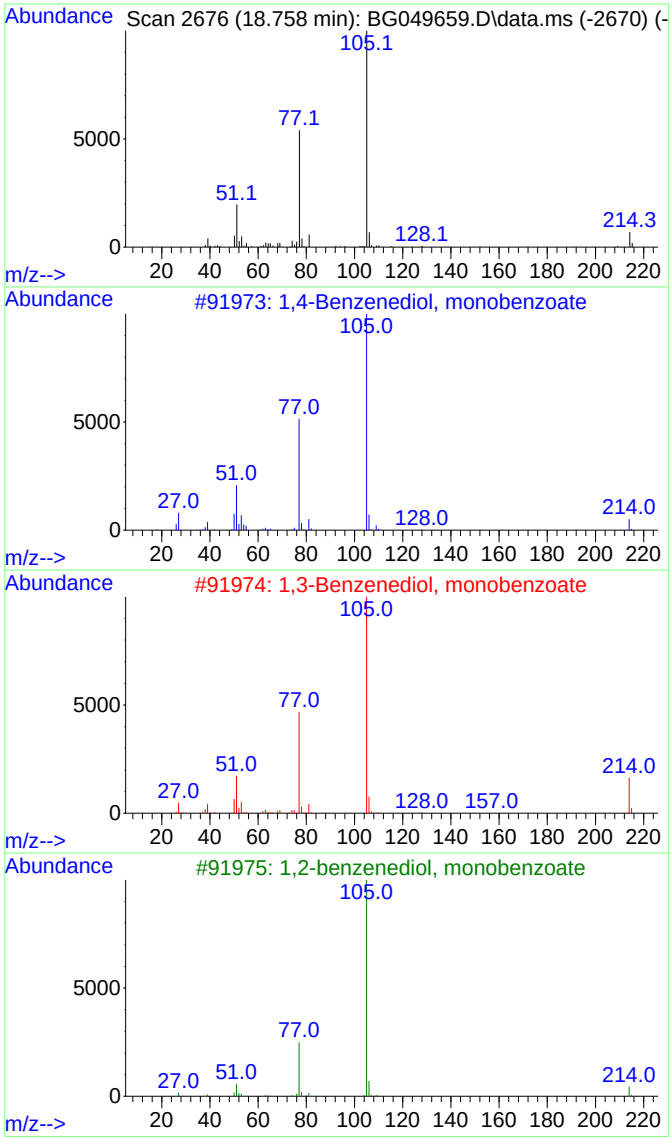
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

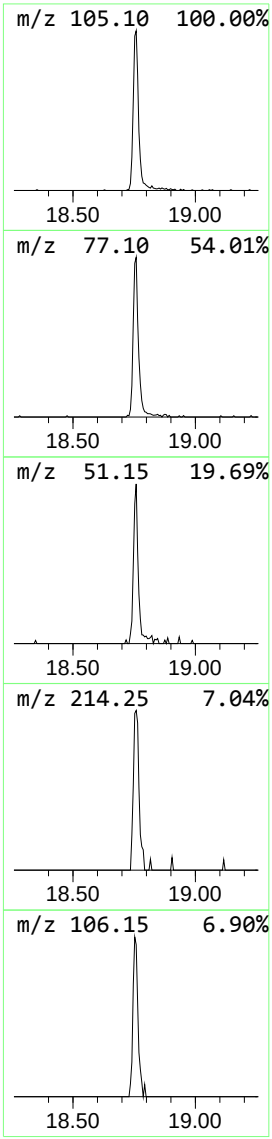
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Benzenediol, monobenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.758	7.36 ng/ul	138914	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	90
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
3	1,2-benzenediol, monobenzoate	214	C13H10O3	1000400-67-6	90
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	72
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

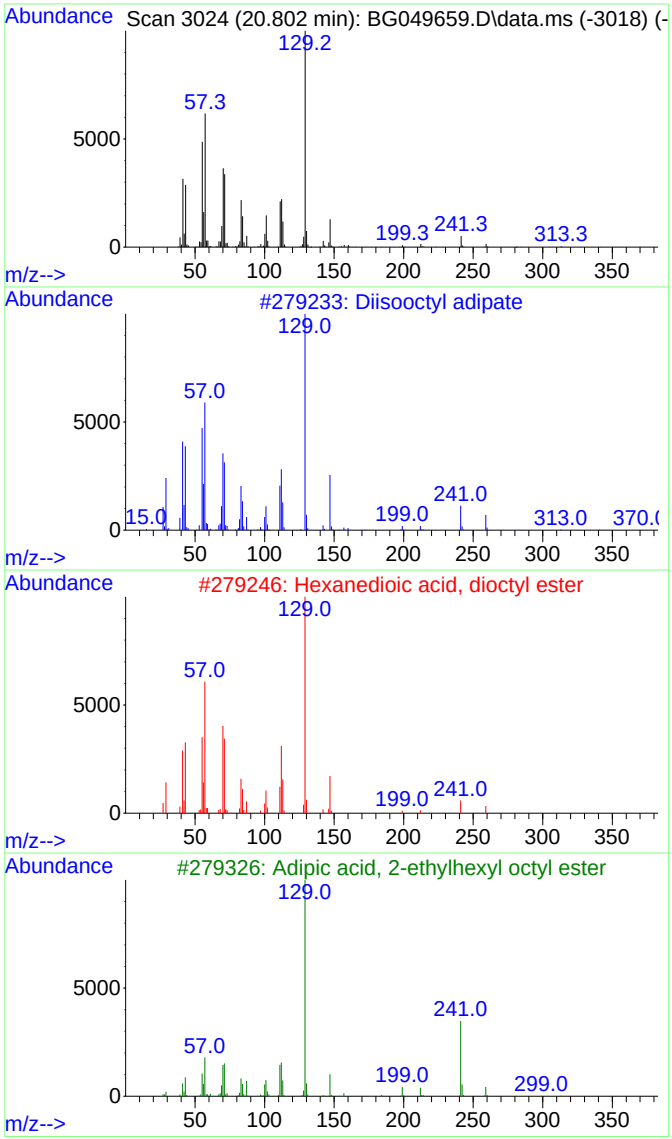
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

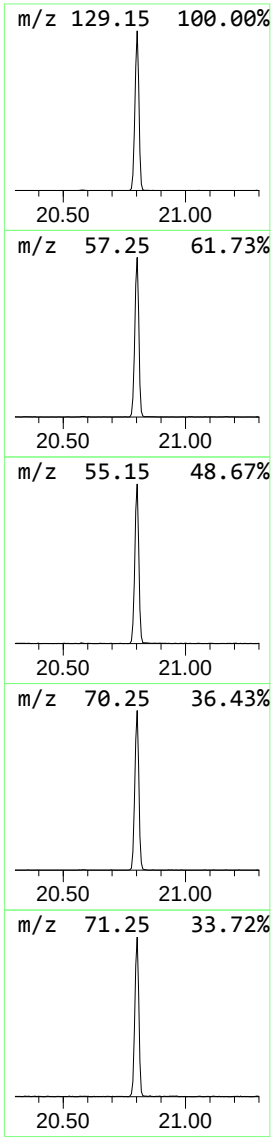
****

Peak Number 5 Diisooctyl adipate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.802	102.23 ng/ul	1978640	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	83
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72





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Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

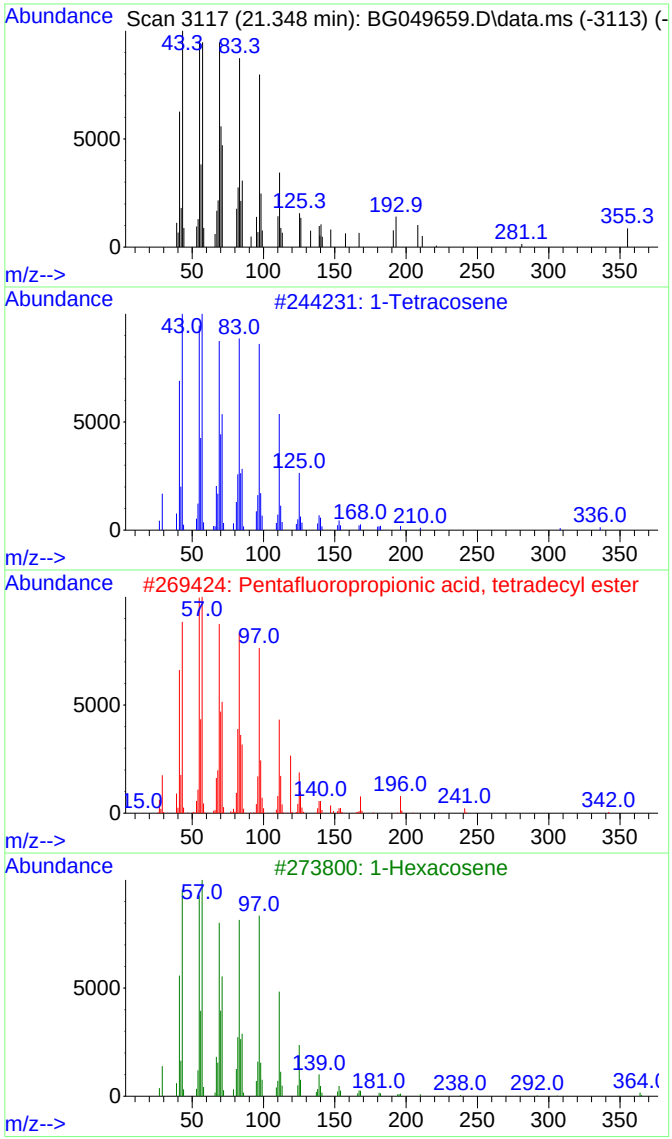
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

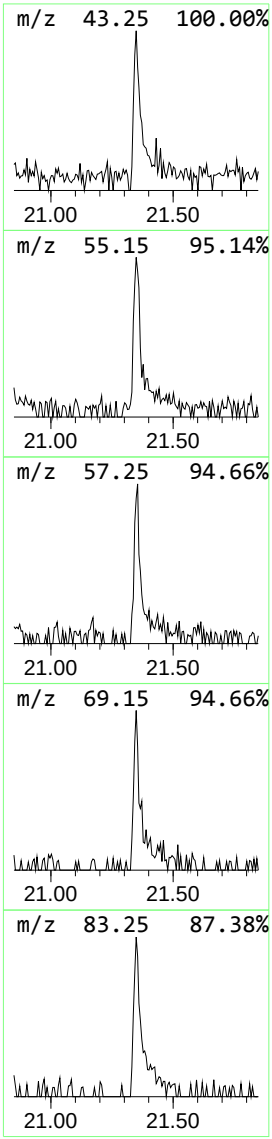
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.348	3.81 ng/ul	73799	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	87
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	86
3	1-Hexacosene	364	C26H52	018835-33-1	86
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	80
5	17-Pentatriacontene	491	C35H70	006971-40-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

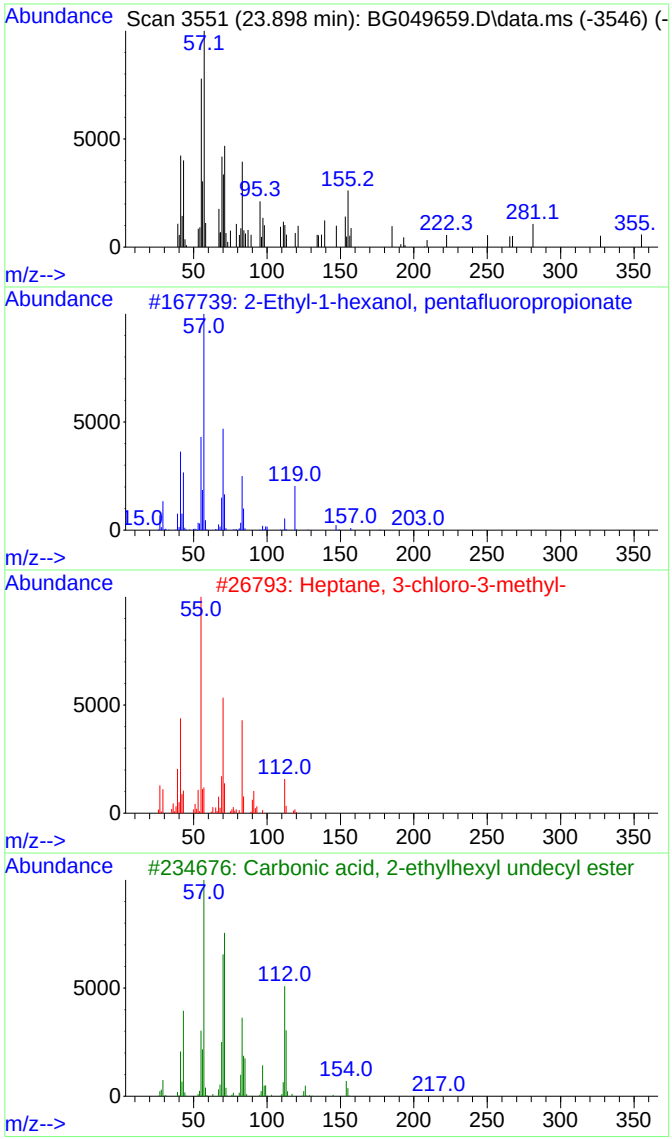
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

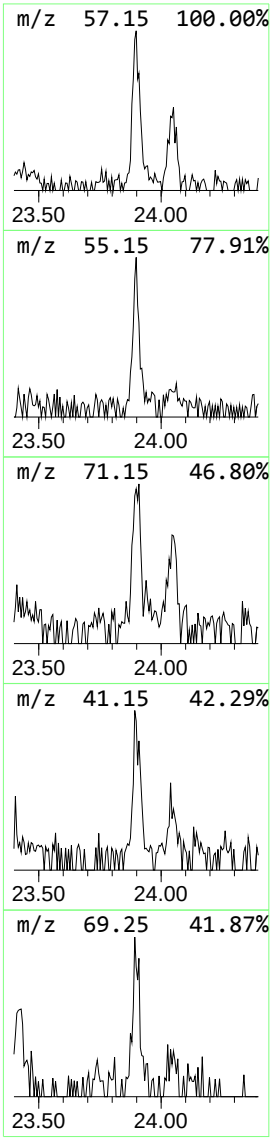
****

Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.898	2.67 ng/ul	55438	Perylene-d12	24.996

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	22
2	Heptane, 3-chloro-3-methyl-	148	C8H17Cl	005272-02-6	14
3	Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	14
4	Acetic acid, (2,4-dichlorophenox...	332	C16H22Cl2O3	025168-26-7	14
5	3-Nonene, 3-methyl-, (E)-	140	C10H20	069405-42-1	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049659.D
Acq On : 5 Aug 2021 21:25
Operator : CG/JU
Sample : M3162-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.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
(DEL) Alkane: C...	3.073	12.2	ng/ul	100411	1	8.043	164978	20.0
Butane, 2-metho...	3.155	9.0	ng/ul	74220	1	8.043	164978	20.0
Ethanol, 2-(2-b...	10.622	4.1	ng/ul	48724	2	10.863	238393	20.0
1,4-Benzenediol...	18.758	7.4	ng/ul	138914	4	17.442	377277	20.0
Diisooctyl adipate	20.802	102.2	ng/ul	1978640	5	21.724	387087	20.0
(DEL) Alkane: S...	21.348	3.8	ng/ul	73799	5	21.724	387087	20.0
unknown-01	23.898	2.7	ng/ul	55438	6	24.996	415668	20.0