LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049350.D
Acq On : 15 Jul 2021 5:46
Operator : CG/JU
Sample : M2971-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE82

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-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049350.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.110	5	12	20	rBV2	72026	172209	11.26%	1.227%
2	3.187	20	25	33	rVB	48726	84524	5.53%	0.602%
3	3.457	67	71	76	rVV4	7839	13196	0.86%	0.094%
4	3.880	139	143	155	rBV	97530	198405	12.97%	1.414%
5	7.217	702	711	720	rBV	190130	346083	22.63%	2.467%
6	7.388	732	740	748	rBV	110176	196291	12.83%	1.399%
7	7.593	768	775	785	rVV	184236	324484	21.21%	2.313%
8	7.676	785	789	795	rVB3	1923	4062	0.27%	0.029%
9	8.063	847	855	863	rBV	126858	214381	14.02%	1.528%
10	8.768	969	975	985	rBV	231048	410912	26.86%	2.929%
11	9.233	1046	1054	1064	rBV	173962	327045	21.38%	2.331%
12	9.961	1169	1178	1184	rBV	164176	308235	20.15%	2.197%
13	10.502	1263	1270	1281	rBV	244953	434315	28.39%	3.095%
14	10.643	1287	1294	1305	rBV2	36328	70394	4.60%	0.502%
15	10.884	1327	1335	1343	rBV	170150	296223	19.37%	2.111%
16	11.019	1349	1358	1372	rVB	209933	387769	25.35%	2.764%
17	12.470	1600	1605	1610	rVB3	3897	6575	0.43%	0.047%
18	14.109	1877	1884	1890	rBV	457694	646685	42.28%	4.609%
19	14.362	1920	1927	1928	rBV2	3963	5273	0.34%	0.038%
20	14.403	1928	1934	1942	rVB	446909	710377	46.44%	5.063%
21	14.708	1979	1986	1995	rVB	271072	427958	27.98%	3.050%
22	14.902	2013	2019	2030	rBV	168712	295549	19.32%	2.106%
23	15.701	2148	2155	2163	rVB	557934	864183	56.50%	6.159%
24	15.813	2169	2174	2185	rBV	166053	269267	17.60%	1.919%
25	15.942	2193	2196	2202	rVB5	6020	11104	0.73%	0.079%
26	16.483	2284	2288	2293	rBV3	10805	13627	0.89%	0.097%
27	16.595	2305	2307	2311	rVB2	3891	3762	0.25%	0.027%
28	16.689	2318	2323	2326	rVB3	3866	5733	0.37%	0.041%
29	16.841	2346	2349	2353	rVB2	5489	6390	0.42%	0.046%
30	16.912	2357	2361	2364	rVB3	2527	3247	0.21%	0.023%
31	16.976	2367	2372	2374	rBV2	2502	4365	0.29%	0.031%
32	17.188	2404	2408	2417	rBV3	11313	19227	1.26%	0.137%
33	17.458	2448	2454	2461	rVV	343169	524991	34.32%	3.742%
34	17.558	2461	2471	2483	rVB2	620727	961894	62.89%	6.856%
35	18.110	2560	2565	2570	rVB6	8372	13579	0.89%	0.097%
36	18.251	2585	2589	2597	rVB5	3985	7500	0.49%	0.053%

LSC Area Percent Report

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Sample : M2971-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE82

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-BG070921.M
Title : SVOA CALIBRATION

37	18.340	2599	2604	2609	rVV2	15206	21791	1.42%	0.155%
38	18.774	2672	2678	2687	rVV	62754	93197	6.09%	0.664%
39	18.839	2687	2689	2691	rVV2	3057	3089	0.20%	0.022%
40	19.103	2731	2734	2738	rVB5	3646	5212	0.34%	0.037%
41	19.150	2738	2742	2746	rVB4	2755	3681	0.24%	0.026%
42	19.191	2746	2749	2752	rBV4	4709	5710	0.37%	0.041%
43	19.233	2754	2756	2758	rVV2	3052	3475	0.23%	0.025%
44	19.479	2792	2798	2804	rBV	9222	14481	0.95%	0.103%
45	19.609	2816	2820	2823	rBV4	3386	4813	0.31%	0.034%
46	19.732	2837	2841	2844	rBV3	7453	8449	0.55%	0.060%
47	19.844	2853	2860	2867	rBV	734874	1105221	72.26%	7.877%
48	20.337	2940	2944	2945	rBV4	6444	6933	0.45%	0.049%
49	20.602	2985	2989	2992	rVV6	3658	5013	0.33%	0.036%
50	20.713	3005	3008	3010	rVV4	3364	4015	0.26%	0.029%
51	20.748	3010	3014	3016	rVV3	4455	5333	0.35%	0.038%
52	20.819	3021	3026	3031	rVV	1321045	1529581	100.00%	10.902%
53	20.860	3031	3033	3036	rVB4	5481	5907	0.39%	0.042%
54	21.013	3055	3059	3063	rVB5	13591	17676	1.16%	0.126%
55	21.371	3115	3120	3126	rBV2	54190	90977	5.95%	0.648%
56	21.741	3176	3183	3192	rBV2	334311	563886	36.87%	4.019%
57	21.865	3202	3204	3206	rBV3	2801	3543	0.23%	0.025%
58	22.076	3236	3240	3241	rBV3	3508	3213	0.21%	0.023%
59	22.364	3287	3289	3294	rVV6	3799	4687	0.31%	0.033%
60	22.570	3318	3324	3329	rBV10	13690	31699	2.07%	0.226%
61	23.181	3426	3428	3429	rBV2	3549	3707	0.24%	0.026%
62	23.369	3458	3460	3463	rBV4	3157	4013	0.26%	0.029%
63	23.457	3471	3475	3477	rBV4	4621	6417	0.42%	0.046%
64	23.798	3531	3533	3536	rBV4	3994	3556	0.23%	0.025%
65	23.880	3546	3547	3549	rBV2	5447	4143	0.27%	0.030%
66	23.939	3552	3557	3562	rVV7	13898	25943	1.70%	0.185%
67	24.086	3576	3582	3590	rBV4	15529	34336	2.24%	0.245%
68	24.150	3590	3593	3599	rVB7	6113	11995	0.78%	0.085%
69	24.209	3601	3603	3609	rVV7	3241	3106	0.20%	0.022%
70	24.286	3615	3616	3619	rBV3	4430	3185	0.21%	0.023%
71	24.808	3691	3705	3717	rVB	376554	1070714	70.00%	7.631%
72	24.944	3726	3728	3731	rBV4	3026	3522	0.23%	0.025%
73	25.032	3733	3743	3756	rVB2	198787	585607	38.29%	4.174%
74	25.478	3815	3819	3821	rBV4	5277	8006	0.52%	0.057%
75	25.560	3830	3833	3834	rBV2	3671	4490	0.29%	0.032%
76	25.578	3834	3836	3839	rVB4	4070	4889	0.32%	0.035%

LSC Area Percent Report

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Sample : M2971-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE82

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	25.696	3854	3856	3858	rVV3	3446	3501	0.23%	0.025%
78	25.731	3860	3862	3865	rBV4	4112	4775	0.31%	0.034%
79	26.207	3938	3943	3944	rBV4	13008	14895	0.97%	0.106%
80	26.324	3961	3963	3964	rBV2	5943	4652	0.30%	0.033%
81	27.112	4094	4097	4099	rBV3	3081	4160	0.27%	0.030%
82	27.153	4102	4104	4107	rVB3	3289	3755	0.25%	0.027%
83	27.194	4107	4111	4113	rBV5	3315	3874	0.25%	0.028%
84	27.582	4175	4177	4178	rBV2	6818	4673	0.31%	0.033%
85	27.605	4178	4181	4182	rBV3	8291	8587	0.56%	0.061%
86	27.834	4219	4220	4223	rBV3	3553	3742	0.24%	0.027%
87	28.768	4377	4379	4381	rBV2	2789	3444	0.23%	0.025%
88	29.180	4446	4449	4452	rBV4	4349	5272	0.34%	0.038%
89	29.280	4462	4466	4467	rBV3	7738	8036	0.53%	0.057%
90	29.397	4483	4486	4487	rBV3	3790	4117	0.27%	0.029%
91	29.650	4527	4529	4531	rBV3	4671	4510	0.29%	0.032%
92	29.785	4548	4552	4553	rBV3	3840	5527	0.36%	0.039%
93	30.114	4605	4608	4611	rBV5	4619	6255	0.41%	0.045%
94	30.954	4749	4751	4753	rBV3	2799	3149	0.21%	0.022%
95	31.318	4810	4813	4814	rBV3	4651	5200	0.34%	0.037%
96	31.736	4882	4884	4885	rBV2	4054	4143	0.27%	0.030%
97	31.824	4896	4899	4902	rBV5	4277	5681	0.37%	0.040%
98	32.194	4960	4962	4964	rVB2	3517	3145	0.21%	0.022%
99	32.241	4969	4970	4973	rBV3	3855	3262	0.21%	0.023%
100	32.499	5012	5014	5015	rBV2	4356	3197	0.21%	0.023%

Sum of corrected areas: 14030577

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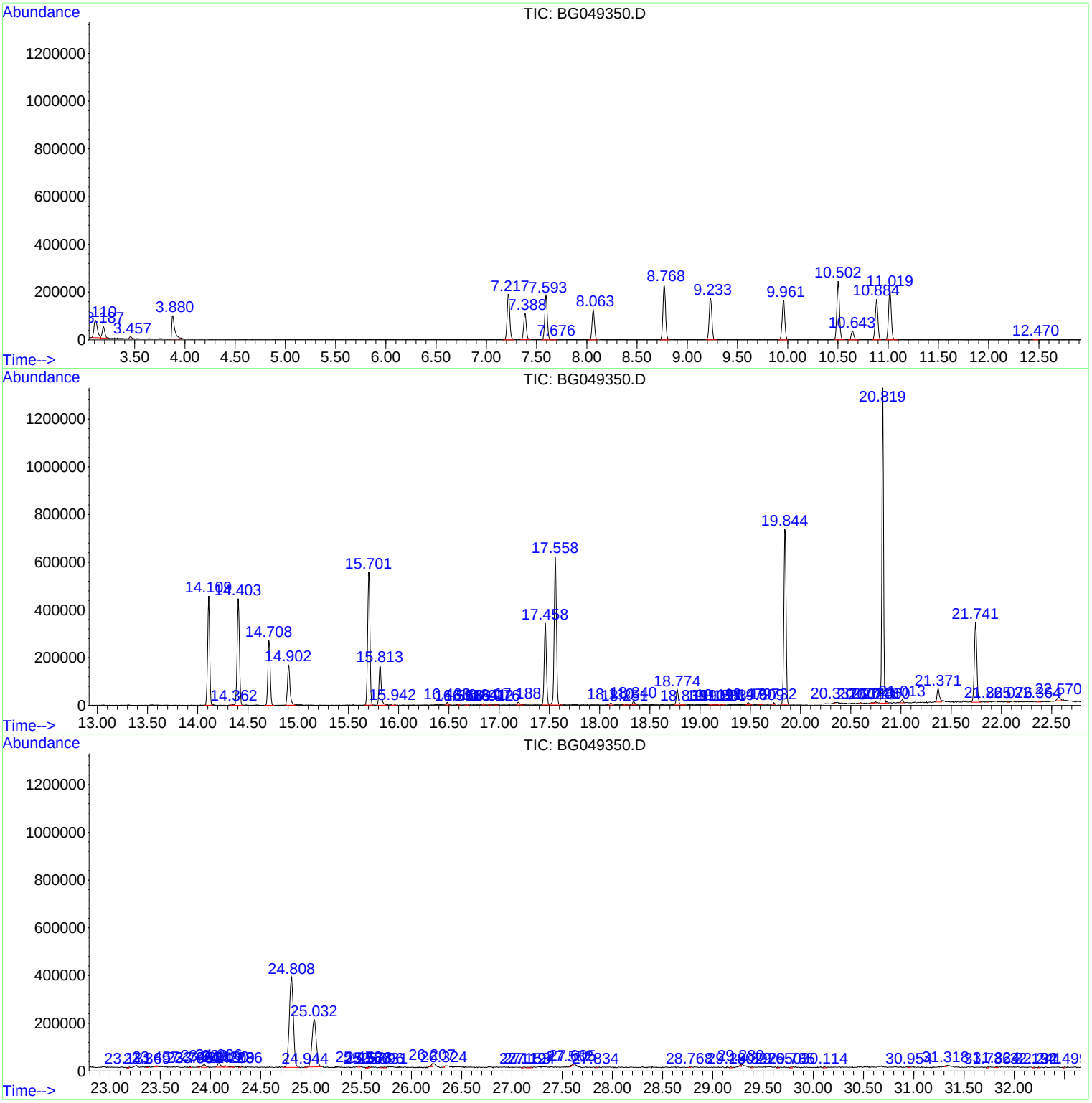
Instrument :
BNA_G
ClientSampleId :
BGE82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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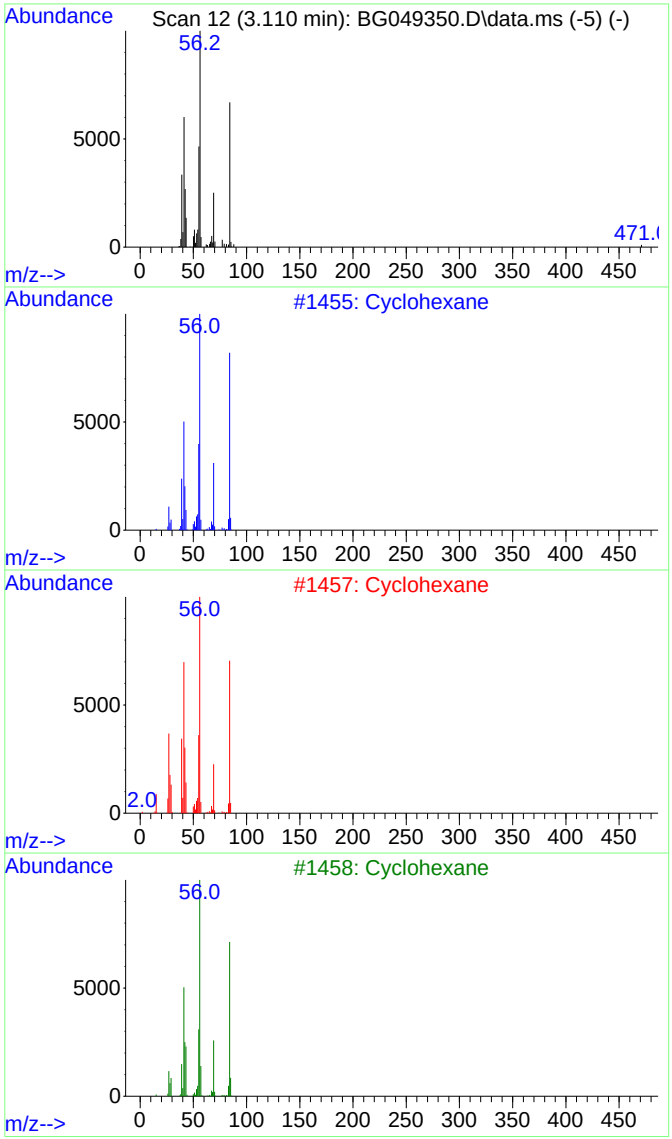
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

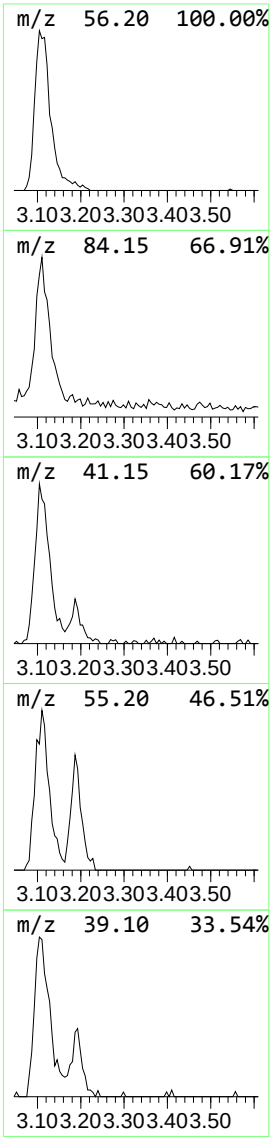
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	16.07 ng/ul	172209	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	Cyclohexane	84	C6H12	000110-82-7	87
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	86
5	1-Hexene	84	C6H12	000592-41-6	78





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Sample : M2971-05
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Instrument : BNA_G
ClientSampleId : BGE82

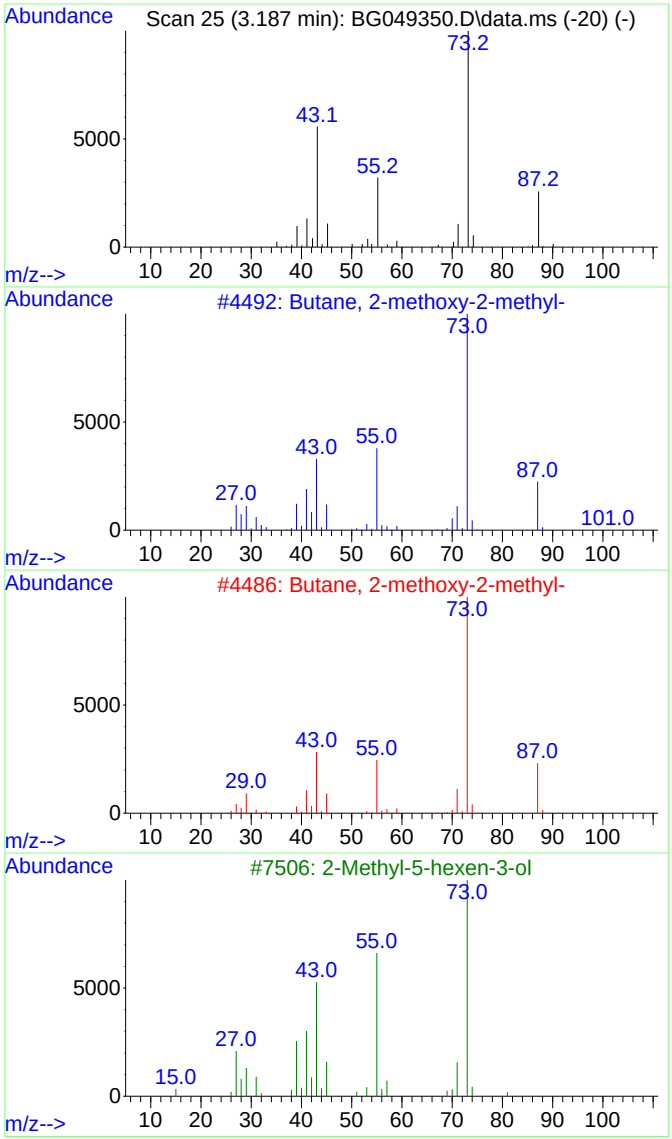
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

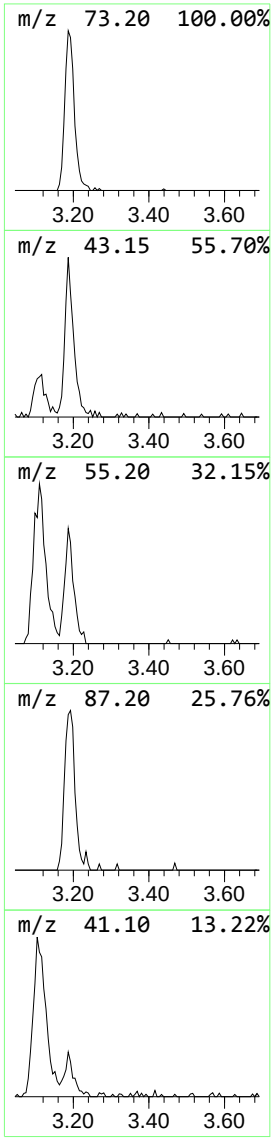
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	7.89 ng/ul	84524	1,4-Dichlorobenzene-d4	8.063

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	45
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	17





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Quant Title : SVOA CALIBRATION

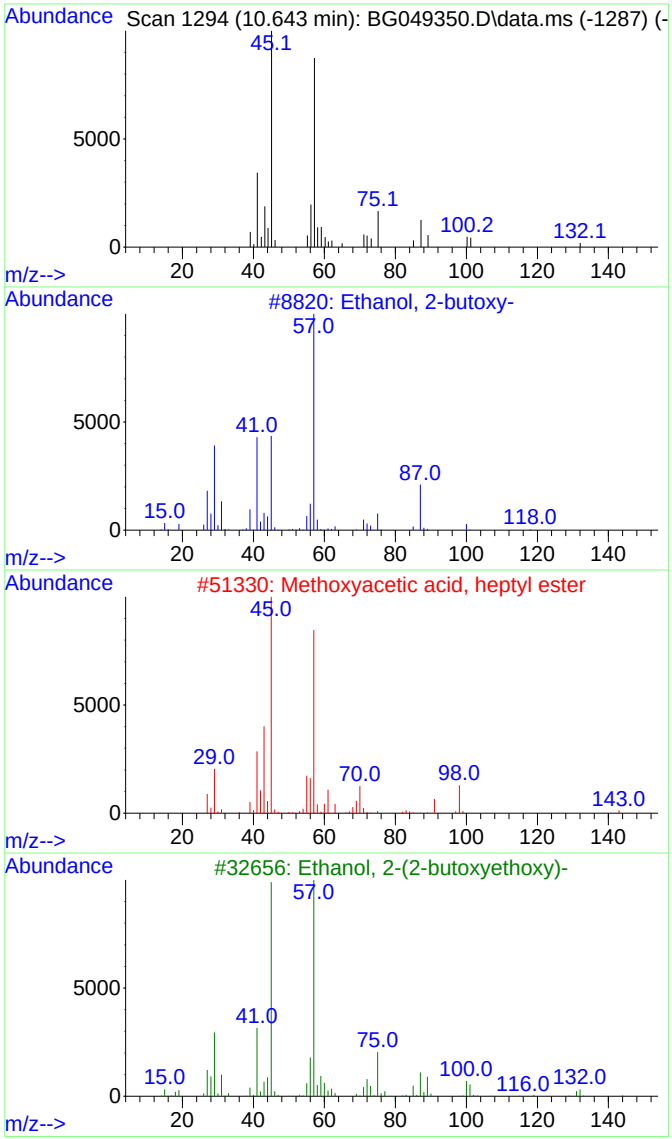
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

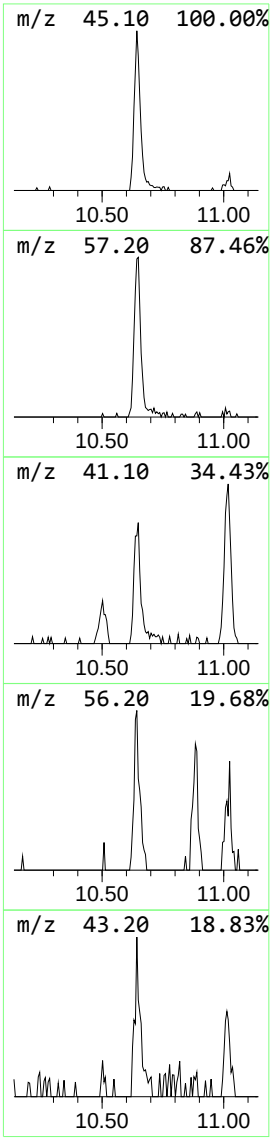
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	4.75 ng/ul	70394	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
2	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	53
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	52
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	52
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





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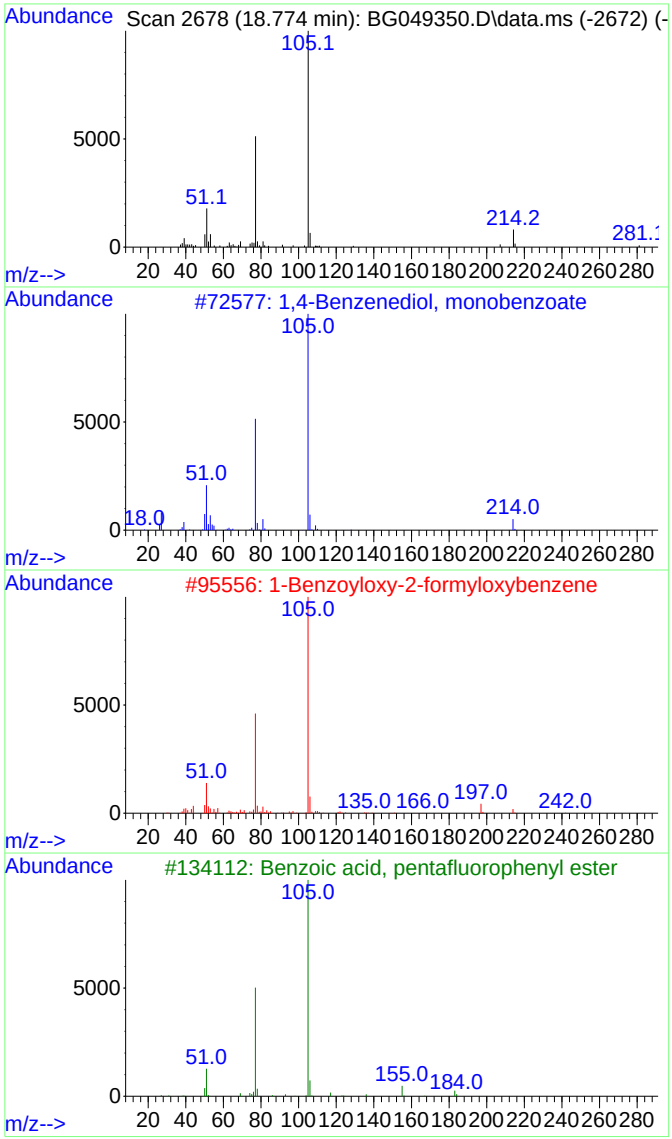
Quant Title : SVOA CALIBRATION

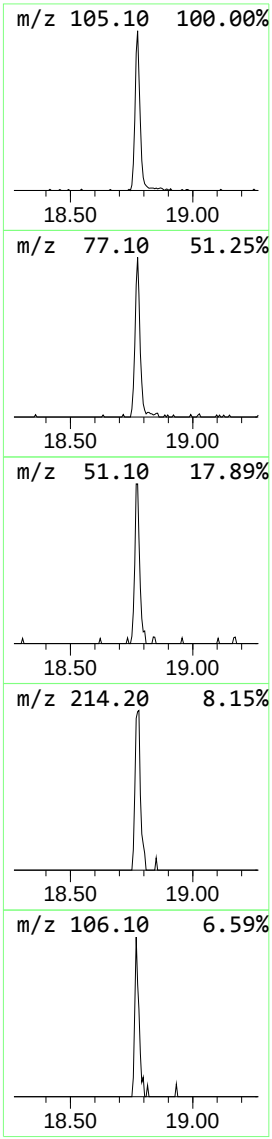
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,4-Benzenediol, monobenzoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.770	3.55 ng/ul	93197	Phenanthrene-d10	17.458

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	86
2	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	72
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	64
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	64
5	2-Benzoyloxyacetophenone	240	C15H12O3	004010-33-7	64





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Data File : BG049350.D
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Sample : M2971-05
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Instrument : BNA_G
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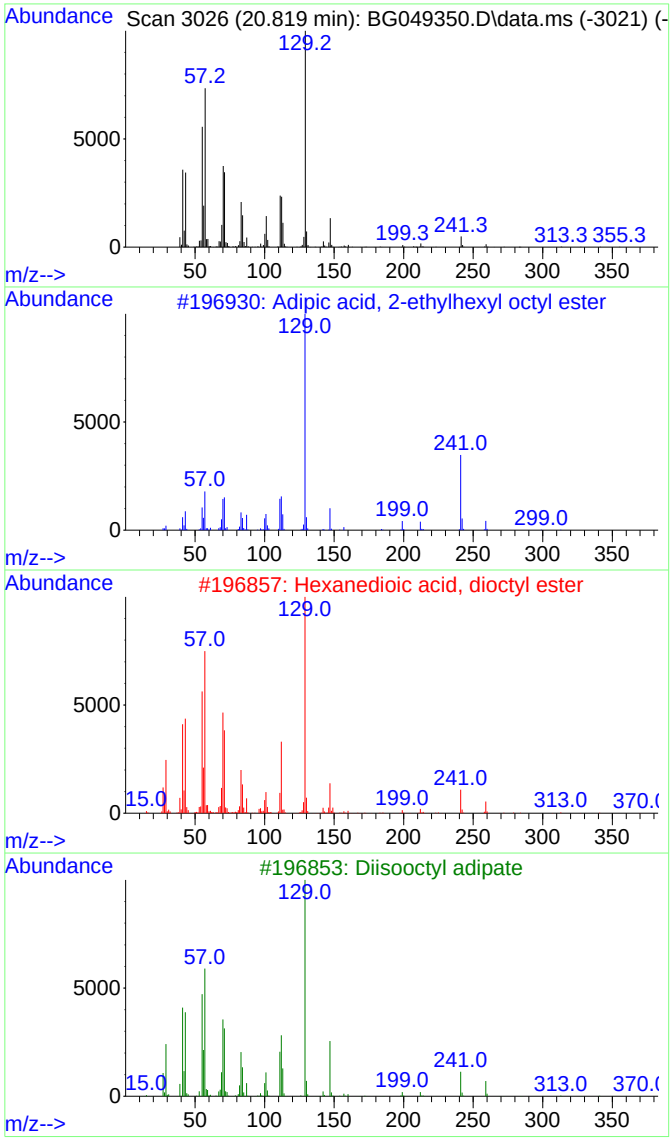
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

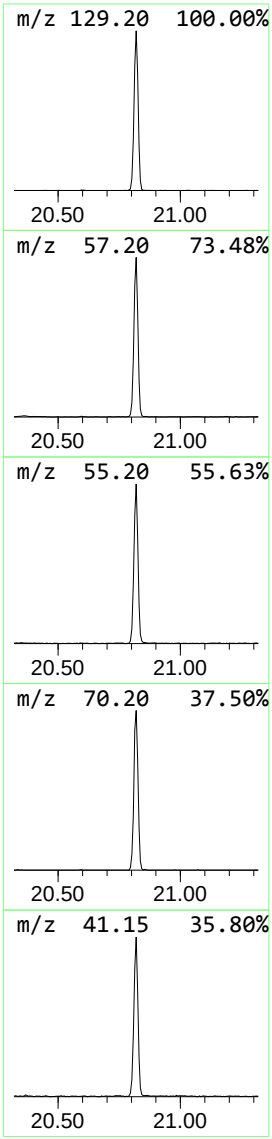
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	54.25 ng/ul	1529580	Chrysene-d12	21.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049350.D
Acq On : 15 Jul 2021 5:46
Operator : CG/JU
Sample : M2971-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE82

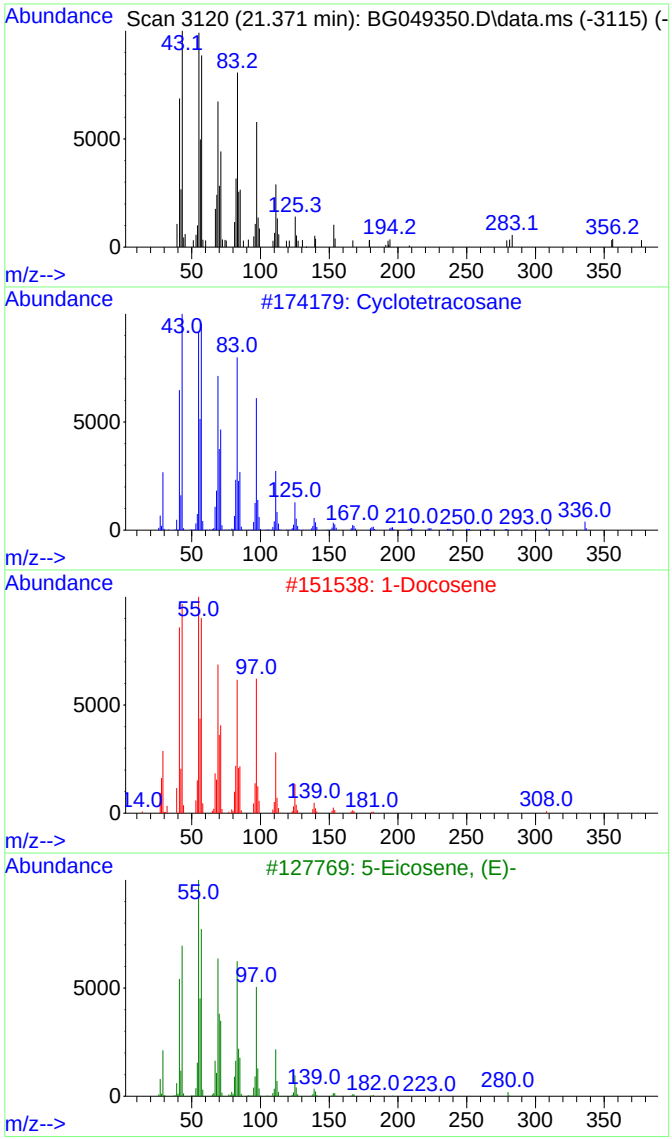
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

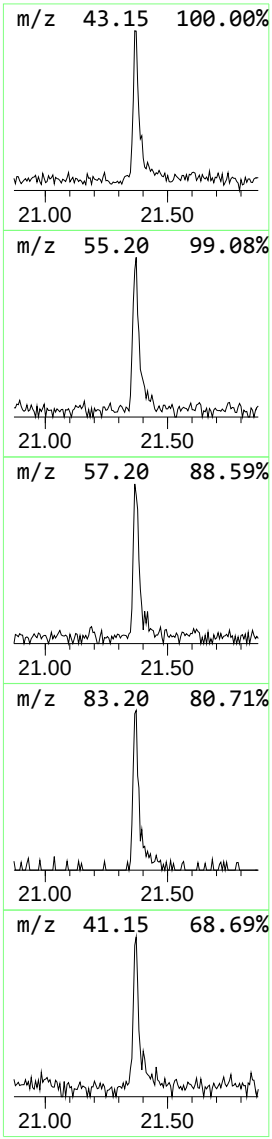
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	3.23 ng/ul	90977	Chrysene-d12	21.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049350.D
Acq On : 15 Jul 2021 5:46
Operator : CG/JU
Sample : M2971-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.110	16.1	ng/ul	172209	1	8.063	214381	20.0
Butane, 2-metho...	3.190	7.9	ng/ul	84524	1	8.063	214381	20.0
Ethanol, 2-butoxy-	10.640	4.8	ng/ul	70394	2	10.884	296223	20.0
1,4-Benzenediol...	18.770	3.5	ng/ul	93197	4	17.458	524991	20.0
Adipic acid, 2-...	20.820	54.3	ng/ul	1529580	5	21.741	563886	20.0
(DEL) Alkane: C...	21.370	3.2	ng/ul	90977	5	21.741	563886	20.0