LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	3	7	16	rVV2	85270	163055	5.72%	2.032%
2	3.158	16	20	36	rVB	147078	233253	8.19%	2.907%
3	3.428	63	66	69	rBV5	2873	4601	0.16%	0.057%
4	3.863	137	140	151	rBV2	21800	45646	1.60%	0.569%
5	5.138	352	357	360	rBV4	3341	5613	0.20%	0.070%
6	7.200	700	708	717	rBV	56936	103354	3.63%	1.288%
7	7.364	729	736	742	rBV	36394	64056	2.25%	0.798%
8	7.576	766	772	778	rVB2	58630	99893	3.51%	1.245%
9	8.046	845	852	860	rBV	68066	117703	4.13%	1.467%
10	8.751	964	972	980	rBV	70534	125317	4.40%	1.562%
11	8.880	991	994	999	rVB3	2475	3174	0.11%	0.040%
12	9.215	1045	1051	1061	rBV2	58914	109613	3.85%	1.366%
13	9.943	1167	1175	1183	rVB3	50893	95526	3.35%	1.191%
14	10.484	1261	1267	1275	rBV2	69964	134584	4.72%	1.677%
15	10.636	1287	1293	1302	rBV2	6978	15450	0.54%	0.193%
16	10.871	1326	1333	1340	rBV	90924	161692	5.68%	2.015%
17	11.000	1349	1355	1366	rVB2	67201	125592	4.41%	1.565%
18	14.096	1873	1882	1888	rBV	145618	223469	7.84%	2.785%
19	14.390	1925	1932	1939	rBV	150546	234947	8.25%	2.928%
20	14.695	1978	1984	1994	rVB	161219	252524	8.86%	3.147%
21	14.895	2013	2018	2029	rBV3	22863	48677	1.71%	0.607%
22	15.688	2146	2153	2160	rBV	216085	322951	11.34%	4.025%
23	15.806	2168	2173	2179	rBV3	28925	44837	1.57%	0.559%
24	17.451	2446	2453	2461	rVB2	204424	312499	10.97%	3.895%
25	17.545	2463	2469	2478	rVB	212736	337867	11.86%	4.211%
26	18.156	2569	2573	2577	rVB3	2857	3626	0.13%	0.045%
27	18.326	2600	2602	2606	rBV4	4088	4661	0.16%	0.058%
28	18.761	2668	2676	2686	rBV	193738	299075	10.50%	3.728%
29	19.407	2782	2786	2791	rVB4	2257	3177	0.11%	0.040%
30	19.471	2791	2797	2801	rBV	3045	4594	0.16%	0.057%
31	19.836	2852	2859	2866	rBV	194538	281873	9.89%	3.513%
32	20.065	2895	2898	2901	rVB3	2289	2930	0.10%	0.037%
33	20.347	2945	2946	2950	rVB3	3118	3278	0.12%	0.041%
34	20.588	2982	2987	2993	rVB5	6669	10932	0.38%	0.136%
35	20.711	3006	3008	3011	rBV4	2430	3690	0.13%	0.046%
36	20.811	3019	3025	3030	rBV	2386865	2848966	100.00%	35.509%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

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-BG072421.M
Title : SVOA CALIBRATION

37	20.846	3030	3031	3036	rVB3	6017	6074	0.21%	0.076%
38	21.169	3083	3086	3093	rVB7	2512	3975	0.14%	0.050%
39	21.363	3114	3119	3123	rBV7	7567	14665	0.51%	0.183%
40	21.610	3158	3161	3162	rBV3	3320	2938	0.10%	0.037%
41	21.727	3174	3181	3188	rVB	183007	313719	11.01%	3.910%
42	21.915	3212	3213	3218	rVB5	4262	3775	0.13%	0.047%
43	22.532	3315	3318	3319	rBV3	4709	4233	0.15%	0.053%
44	22.614	3330	3332	3336	rVB5	3099	3679	0.13%	0.046%
45	22.973	3392	3393	3398	rVB2	3288	3465	0.12%	0.043%
46	23.025	3398	3402	3403	rBV4	3148	4213	0.15%	0.053%
47	23.231	3432	3437	3445	rBV10	6671	16857	0.59%	0.210%
48	23.296	3445	3448	3451	rVB5	3229	3764	0.13%	0.047%
49	23.413	3464	3468	3469	rBV4	3728	5270	0.18%	0.066%
50	23.472	3477	3478	3482	rBV4	2433	3463	0.12%	0.043%
51	23.707	3515	3518	3521	rBV4	2554	4245	0.15%	0.053%
52	23.760	3523	3527	3530	rVV6	4032	6947	0.24%	0.087%
53	23.912	3545	3553	3558	rBV6	36118	81690	2.87%	1.018%
54	24.059	3571	3578	3584	rVB7	9150	20664	0.73%	0.258%
55	24.776	3690	3700	3712	rVV2	61447	174333	6.12%	2.173%
56	25.005	3728	3739	3750	rBV2	116851	357134	12.54%	4.451%
57	25.252	3777	3781	3783	rBV5	2157	2911	0.10%	0.036%
58	25.428	3808	3811	3812	rBV3	6606	7252	0.25%	0.090%
59	25.452	3812	3815	3816	rVV3	5628	6412	0.23%	0.080%
60	25.739	3861	3864	3865	rBV2	3326	2898	0.10%	0.036%
61	25.769	3865	3869	3876	rVB7	5436	11000	0.39%	0.137%
62	26.186	3934	3940	3948	rVB5	11186	32633	1.15%	0.407%
63	26.626	4012	4015	4017	rBV4	2736	3134	0.11%	0.039%
64	26.697	4026	4027	4030	rBV3	3820	4054	0.14%	0.051%
65	27.114	4093	4098	4101	rVB7	2771	4928	0.17%	0.061%
66	27.560	4169	4174	4175	rBV5	8050	9252	0.32%	0.115%
67	27.860	4222	4225	4228	rVB3	3111	3435	0.12%	0.043%
68	27.942	4237	4239	4242	rBV3	2658	3294	0.12%	0.041%
69	28.083	4260	4263	4265	rBV3	2941	4197	0.15%	0.052%
70	28.759	4377	4378	4381	rVB2	3439	3084	0.11%	0.038%
71	28.812	4385	4387	4390	rVB4	3293	2990	0.10%	0.037%
72	28.947	4408	4410	4414	rBV5	2666	3614	0.13%	0.045%
73	29.223	4455	4457	4458	rBV2	4018	2887	0.10%	0.036%
74	29.264	4462	4464	4466	rVB3	4962	3742	0.13%	0.047%
75	29.505	4502	4505	4510	rBV4	2599	4933	0.17%	0.061%
76	29.616	4522	4524	4529	rVB4	3251	3031	0.11%	0.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

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-BG072421.M
Title : SVOA CALIBRATION

77	31.132	4779	4782	4784	rBV4	2588	3207	0.11%	0.040%
78	31.208	4789	4795	4796	rBV3	3660	5399	0.19%	0.067%
79	31.250	4799	4802	4803	rBV2	2862	2983	0.10%	0.037%
80	32.266	4974	4975	4980	rBV5	3416	4207	0.15%	0.052%

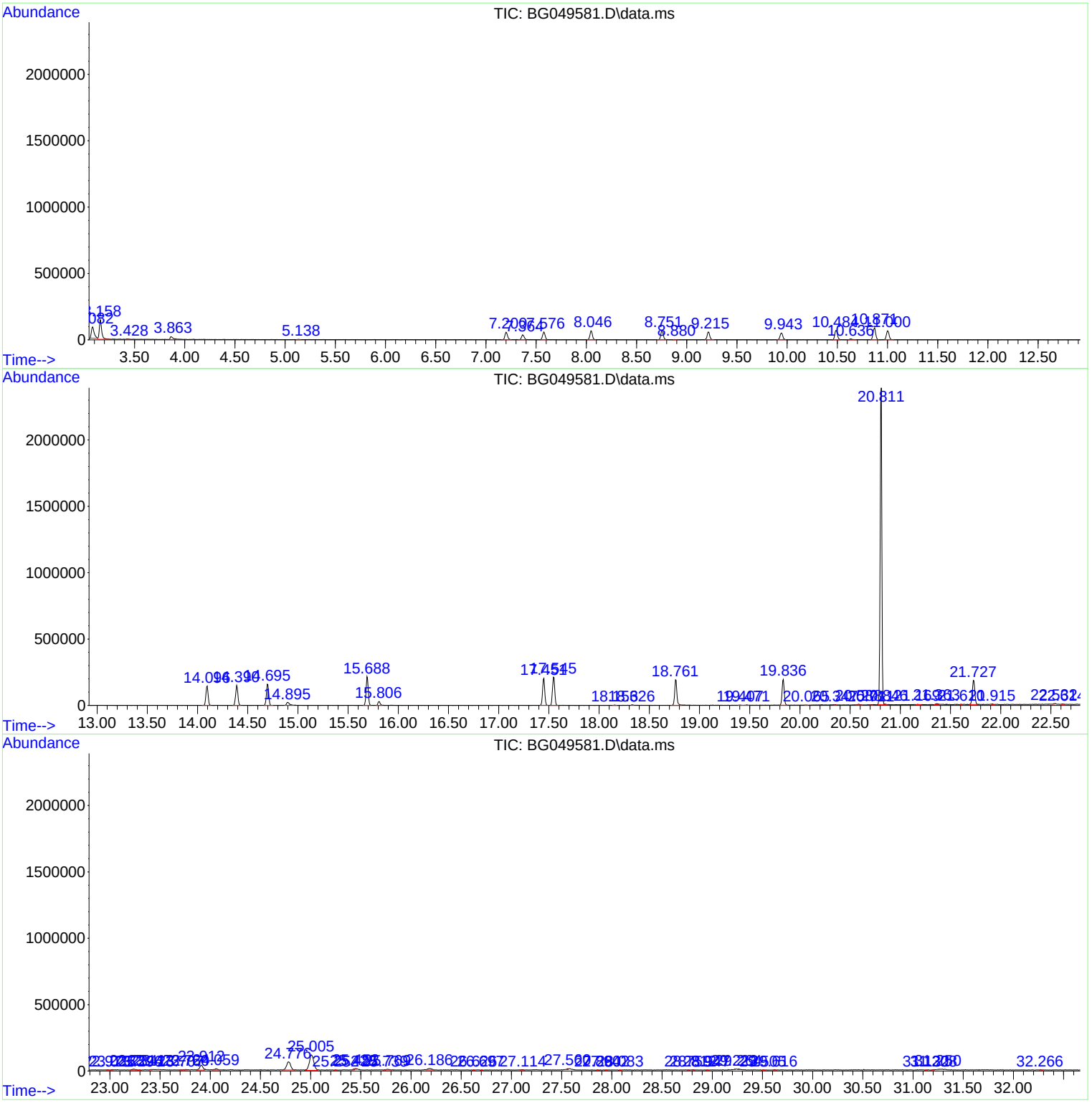
Sum of corrected areas: 8023275

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

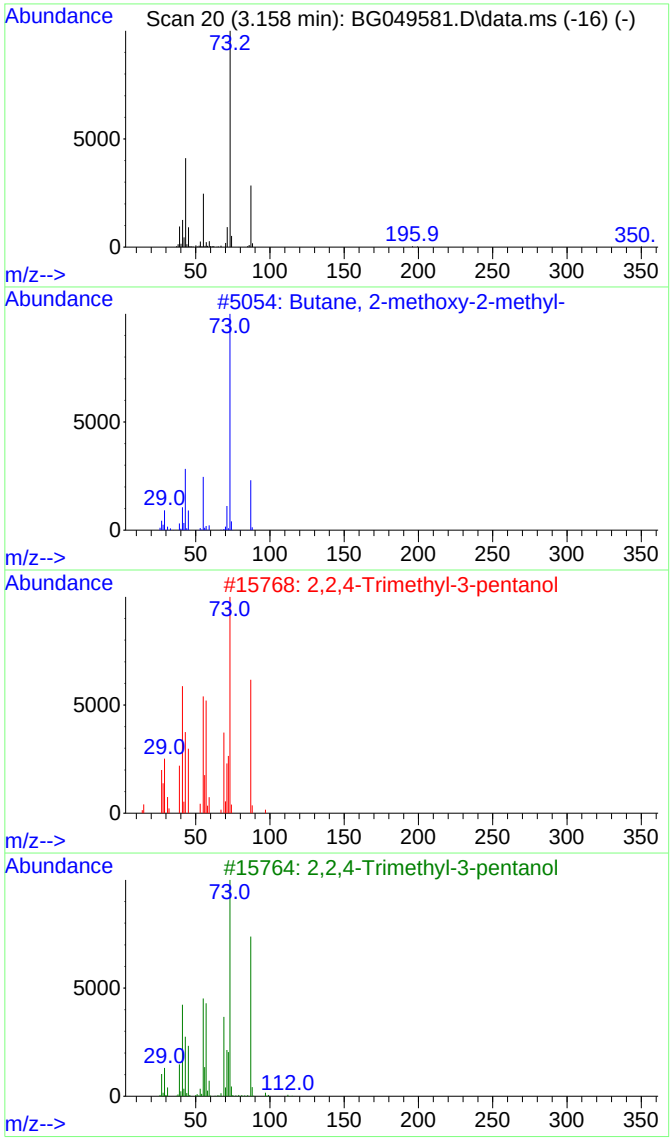
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

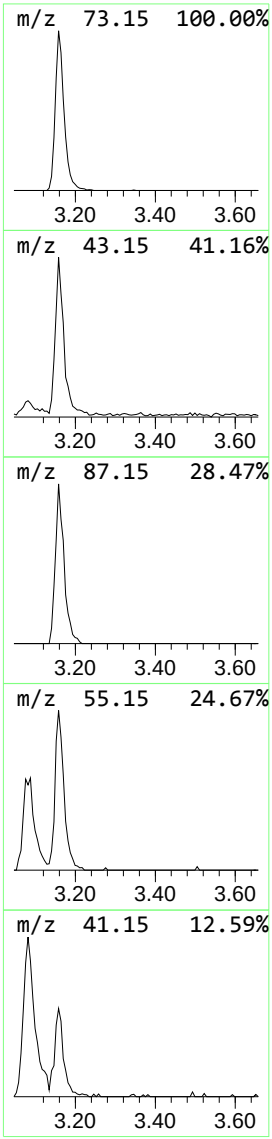
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	39.63 ng/ul	233253	1,4-Dichlorobenzene-d4	8.046

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	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

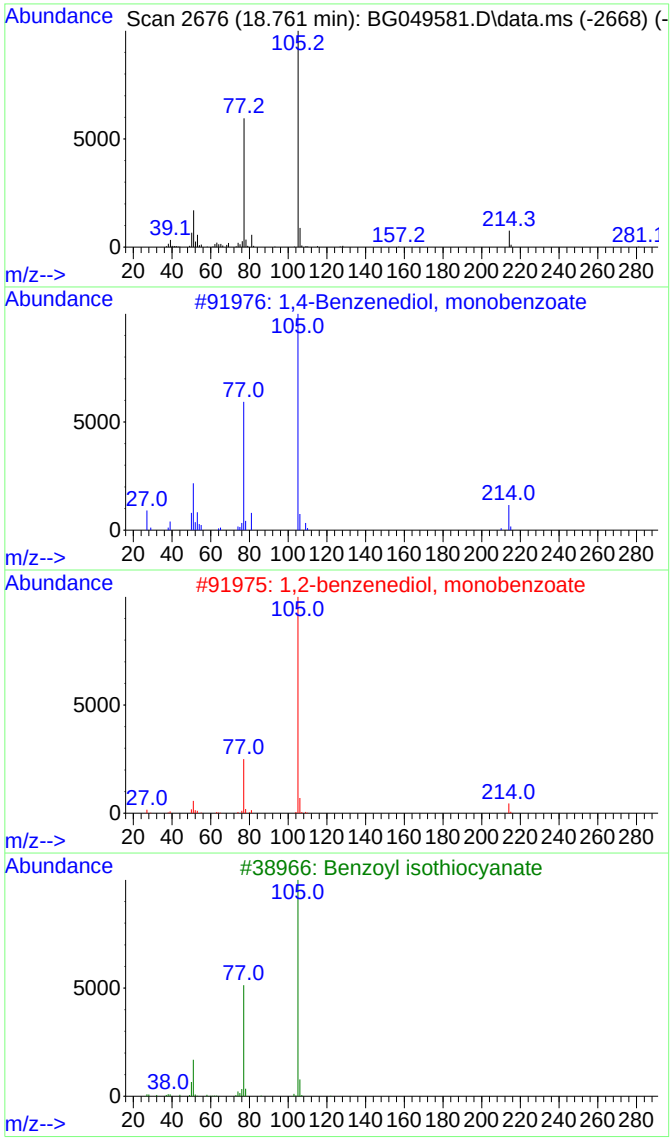
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

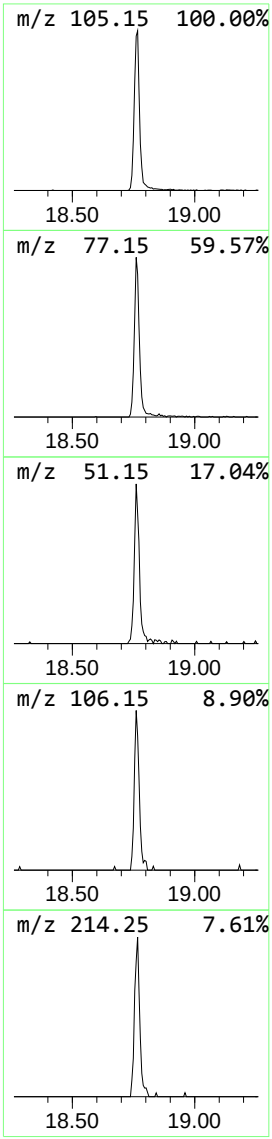
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Benzenediol, monobenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.761	19.14 ng/ul	299075	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	91
2	1,2-benzenediol, monobenzoate	214	C13H10O3	1000400-67-6	90
3	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	80
4	Phenacylidene diacetate	236	C12H12O5	005062-30-6	80
5	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

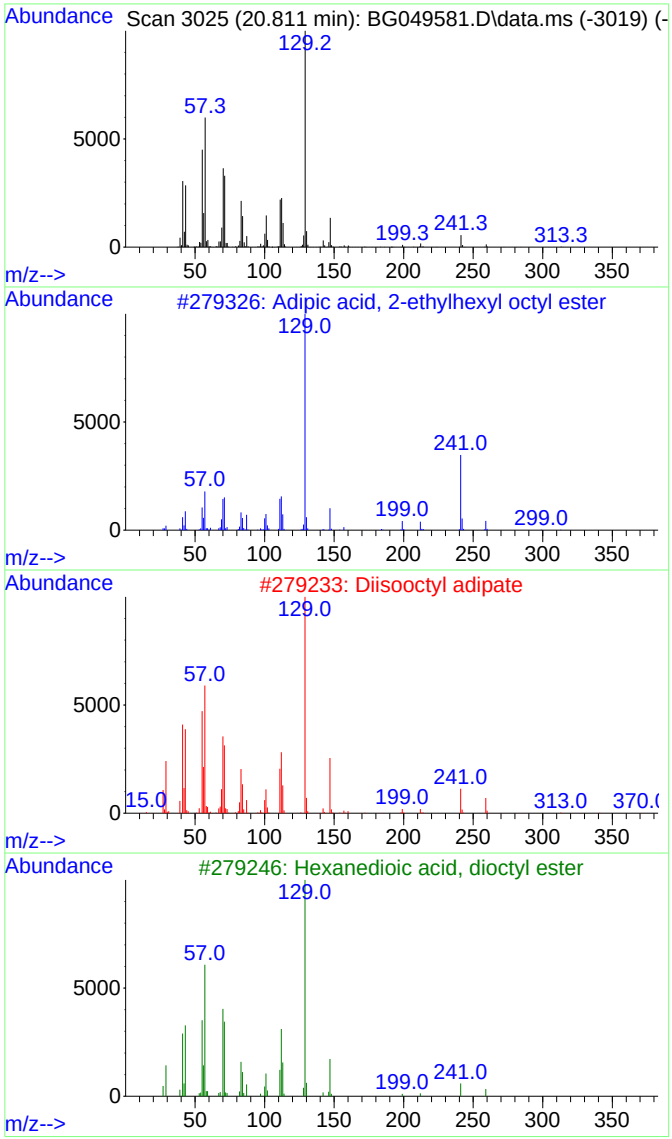
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

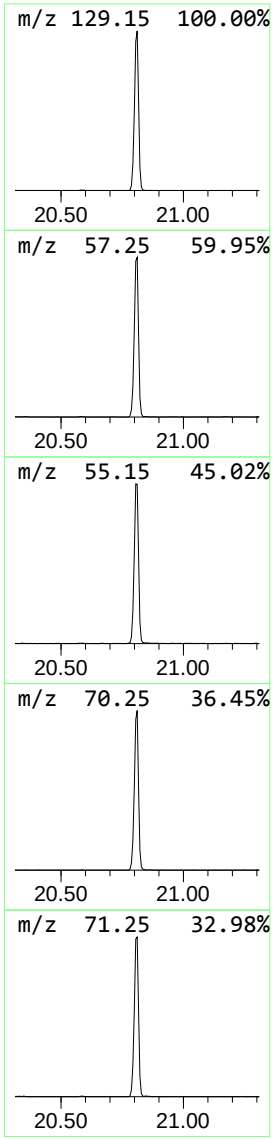
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.811	181.63 ng/ul	2848970	Chrysene-d12	21.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

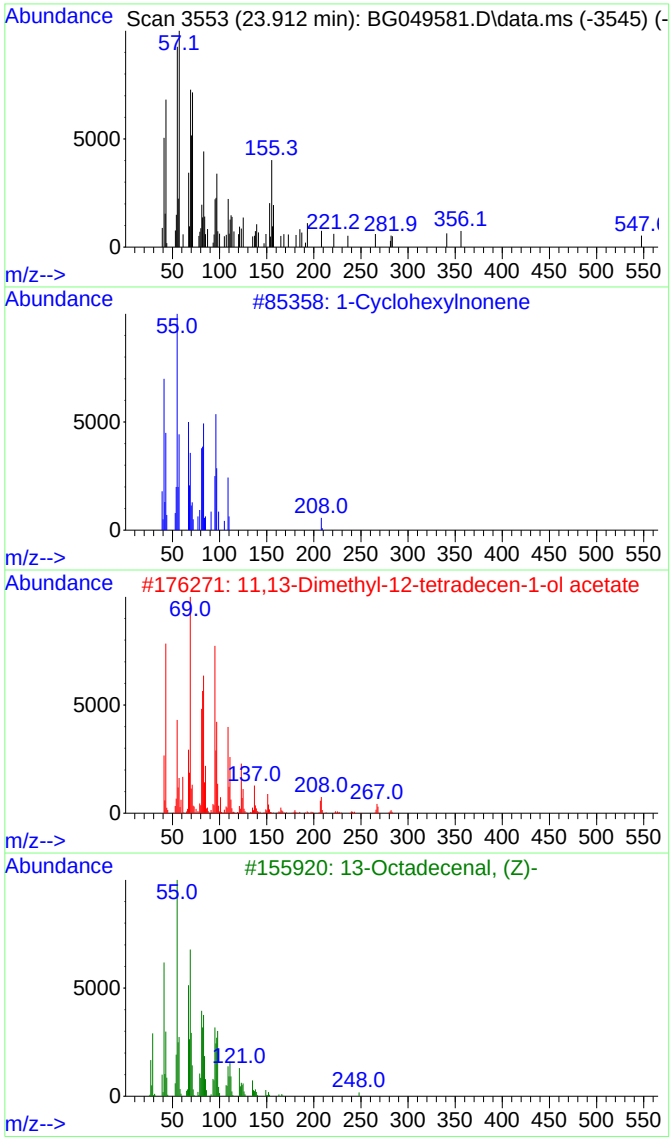
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

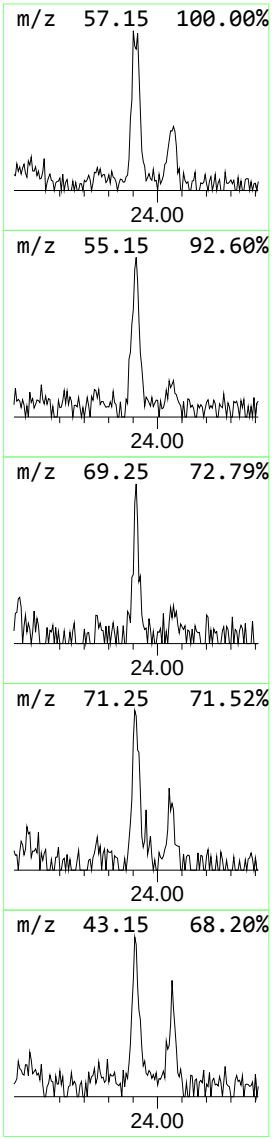
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.912	4.57 ng/ul	81690	Perylene-d12	25.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylnonene	208	C15H28	114614-84-5	38
2	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	27
3	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	25
4	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	22
5	4,4-Dimethylpent-2-enal	112	C7H12O	1010195-01-6	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049581.D
Acq On : 30 Jul 2021 17:01
Operator : CG/JU
Sample : M3122-23
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEW4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.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...	3.158	39.6	ng/ul	233253	1	8.046	117703	20.0
1,4-Benzenediol...	18.761	19.1	ng/ul	299075	4	17.451	312499	20.0
Adipic acid, 2-...	20.811	181.6	ng/ul	2848970	5	21.727	313719	20.0
unknown-01	23.912	4.6	ng/ul	81690	6	25.005	357134	20.0