LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

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: BG049572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	3	6	15	rVV	76932	149968	21.63%	2.005%
2	3.159	15	20	29	rVB2	124932	203351	29.33%	2.719%
3	3.864	136	140	155	rBV2	18121	43169	6.23%	0.577%
4	4.698	279	282	287	rVB3	906	1841	0.27%	0.025%
5	5.867	477	481	483	rBV4	1353	1747	0.25%	0.023%
6	7.200	702	708	718	rVB	56072	109230	15.75%	1.460%
7	7.365	729	736	744	rBV	35801	63358	9.14%	0.847%
8	7.576	765	772	780	rBV	58505	99422	14.34%	1.329%
9	8.046	846	852	859	rVV	78268	134814	19.44%	1.802%
10	8.099	859	861	866	rVV6	2272	2969	0.43%	0.040%
11	8.757	966	973	979	rBV2	69140	125976	18.17%	1.684%
12	8.869	989	992	994	rBV2	1291	1796	0.26%	0.024%
13	9.215	1044	1051	1059	rBV	62719	109981	15.86%	1.470%
14	9.938	1168	1174	1182	rBV2	51870	96947	13.98%	1.296%
15	10.331	1237	1241	1247	rVV3	1077	1980	0.29%	0.026%
16	10.490	1261	1268	1278	rVV	72793	138084	19.91%	1.846%
17	10.625	1283	1291	1307	rBV3	51435	97880	14.12%	1.309%
18	10.872	1323	1333	1340	rBV	108167	196825	28.39%	2.631%
19	11.001	1348	1355	1364	rBV2	73717	135452	19.53%	1.811%
20	12.041	1530	1532	1537	rVB2	1285	1692	0.24%	0.023%
21	12.452	1598	1602	1604	rBV	1652	1704	0.25%	0.023%
22	13.298	1743	1746	1749	rVB2	1361	1698	0.24%	0.023%
23	13.515	1780	1783	1787	rBV2	1552	2164	0.31%	0.029%
24	13.580	1787	1794	1800	rBV2	36590	61809	8.91%	0.826%
25	14.097	1875	1882	1888	rBV	224287	338854	48.87%	4.530%
26	14.391	1925	1932	1941	rVB	182664	284059	40.97%	3.798%
27	14.696	1978	1984	1993	rVB	191729	297915	42.97%	3.983%
28	14.890	2011	2017	2027	rBV2	88567	158475	22.86%	2.119%
29	15.090	2048	2051	2052	rBV3	2272	2608	0.38%	0.035%
30	15.689	2142	2153	2162	rBV	306281	472258	68.11%	6.314%
31	15.806	2168	2173	2180	rBV2	112839	167342	24.13%	2.237%
32	15.935	2191	2195	2200	rVB3	3258	5132	0.74%	0.069%
33	16.135	2225	2229	2234	rBV3	3899	6346	0.92%	0.085%
34	16.570	2298	2303	2306	rVB3	1862	2310	0.33%	0.031%
35	16.687	2319	2323	2329	rBV	1065	2157	0.31%	0.029%
36	17.034	2378	2382	2384	rBV	1200	1779	0.26%	0.024%

LSC Area Percent Report

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Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

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	17.451	2446	2453	2461	rVV	243996	387254	55.85%	5.177%
38	17.545	2461	2469	2479	rVV2	401157	629545	90.79%	8.417%
39	17.815	2513	2515	2519	rVV2	1974	2091	0.30%	0.028%
40	18.103	2560	2564	2568	rBV2	19056	25186	3.63%	0.337%
41	18.326	2598	2602	2609	rBV5	17357	27130	3.91%	0.363%
42	18.414	2614	2617	2618	rVV2	2047	1913	0.28%	0.026%
43	18.614	2645	2651	2656	rBV2	2446	4788	0.69%	0.064%
44	18.767	2672	2677	2682	rVV2	15561	22683	3.27%	0.303%
45	18.837	2686	2689	2692	rBV2	1422	1909	0.28%	0.026%
46	19.025	2719	2721	2724	rVB2	2336	1966	0.28%	0.026%
47	19.090	2729	2732	2735	rBV	1029	1737	0.25%	0.023%
48	19.190	2744	2749	2751	rBV3	3724	5553	0.80%	0.074%
49	19.243	2753	2758	2759	rVV2	9807	12082	1.74%	0.162%
50	19.272	2759	2763	2767	rVB2	64460	75924	10.95%	1.015%
51	19.401	2780	2785	2789	rVB2	22980	30362	4.38%	0.406%
52	19.472	2793	2797	2800	rBV2	4977	7584	1.09%	0.101%
53	19.607	2816	2820	2821	rBV3	3880	5124	0.74%	0.069%
54	19.836	2852	2859	2869	rBV	498078	693385	100.00%	9.270%
55	20.053	2894	2896	2897	rVV2	3114	1862	0.27%	0.025%
56	20.077	2897	2900	2905	rVB3	4125	5153	0.74%	0.069%
57	20.124	2905	2908	2909	rBV	2102	1987	0.29%	0.027%
58	20.347	2940	2946	2951	rBV7	6093	14636	2.11%	0.196%
59	20.447	2962	2963	2967	rVB4	3823	3635	0.52%	0.049%
60	20.523	2974	2976	2979	rBV4	2606	2416	0.35%	0.032%
61	20.688	2999	3004	3007	rBV3	15402	19794	2.85%	0.265%
62	20.729	3009	3011	3013	rVV3	2939	2321	0.33%	0.031%
63	20.805	3019	3024	3029	rBV	254205	297453	42.90%	3.977%
64	20.852	3029	3032	3034	rVB3	5044	5768	0.83%	0.077%
65	20.929	3044	3045	3049	rVB2	3691	3244	0.47%	0.043%
66	21.358	3112	3118	3125	rBV4	30323	58540	8.44%	0.783%
67	21.551	3148	3151	3153	rBV3	3179	3121	0.45%	0.042%
68	21.728	3175	3181	3189	rVB	228521	392394	56.59%	5.246%
69	21.839	3197	3200	3203	rBV5	6468	8244	1.19%	0.110%
70	21.916	3209	3213	3216	rVB4	7112	8934	1.29%	0.119%
71	22.532	3314	3318	3323	rBV5	7256	12066	1.74%	0.161%
72	22.732	3350	3352	3353	rBV2	2627	1650	0.24%	0.022%
73	23.161	3423	3425	3429	rBV5	2906	2297	0.33%	0.031%
74	23.290	3445	3447	3449	rBV2	2435	2793	0.40%	0.037%
75	23.408	3465	3467	3469	rBV3	3251	3057	0.44%	0.041%
76	23.425	3469	3470	3474	rVV4	4593	4897	0.71%	0.065%

LSC Area Percent Report

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Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Title : SVOA CALIBRATION

77	23.825	3536	3538	3539	rBV2	3051	2078	0.30%	0.028%
78	24.025	3570	3572	3574	rBV2	3789	3170	0.46%	0.042%
79	24.054	3574	3577	3586	rVB7	11836	25493	3.68%	0.341%
80	24.700	3685	3687	3690	rBV3	3359	4143	0.60%	0.055%
81	24.782	3690	3701	3714	rVV	217534	619879	89.40%	8.287%
82	25.011	3730	3740	3751	rVB	143921	417384	60.20%	5.580%
83	25.147	3761	3763	3766	rBV3	2234	2028	0.29%	0.027%
84	25.305	3787	3790	3792	rBV4	2400	2746	0.40%	0.037%
85	26.175	3936	3938	3950	rVB9	15062	40988	5.91%	0.548%
86	27.526	4166	4168	4169	rBV2	3066	2128	0.31%	0.028%
87	27.714	4198	4200	4202	rBV2	2364	1736	0.25%	0.023%
88	27.872	4226	4227	4230	rBV3	3822	3447	0.50%	0.046%
89	27.990	4246	4247	4250	rBV3	3392	3783	0.55%	0.051%
90	28.683	4363	4365	4368	rBV4	2813	2664	0.38%	0.036%
91	28.800	4383	4385	4387	rVB3	3501	1903	0.27%	0.025%
92	29.247	4454	4461	4462	rBV7	5544	11061	1.60%	0.148%
93	29.799	4553	4555	4556	rBV2	3006	2352	0.34%	0.031%
94	29.834	4559	4561	4564	rBV4	2583	2864	0.41%	0.038%
95	30.434	4661	4663	4664	rBV2	3259	2215	0.32%	0.030%
96	31.902	4911	4913	4915	rBV2	2639	1673	0.24%	0.022%
97	32.219	4966	4967	4969	rBV	2916	2040	0.29%	0.027%
98	32.319	4982	4984	4987	rBV3	2681	3206	0.46%	0.043%
99	32.378	4992	4994	4998	rVB4	2862	2816	0.41%	0.038%
100	32.525	5018	5019	5020	rBV	4356	2374	0.34%	0.032%

Sum of corrected areas: 7479741

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
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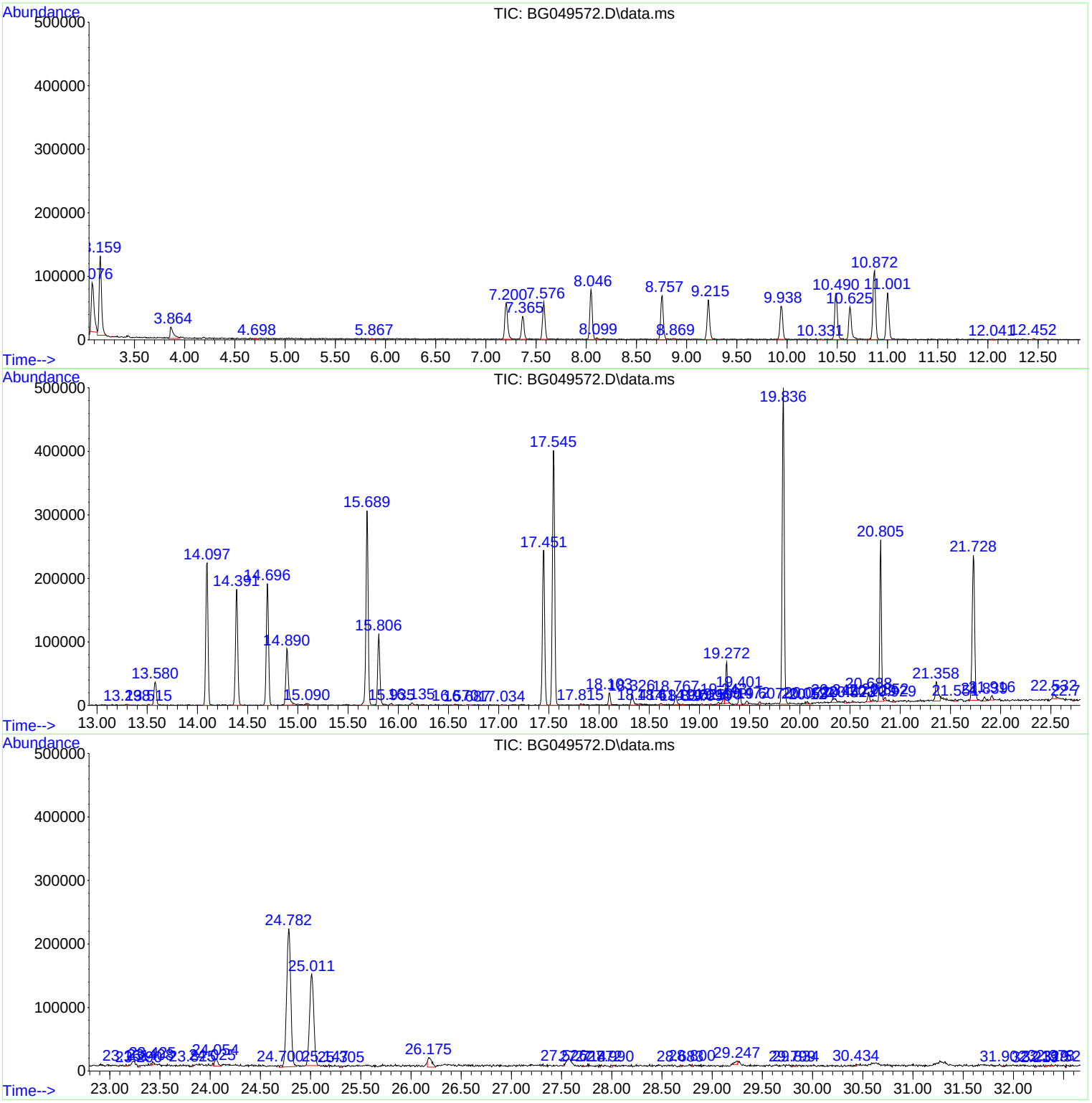
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEP2

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\BG072921\
Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

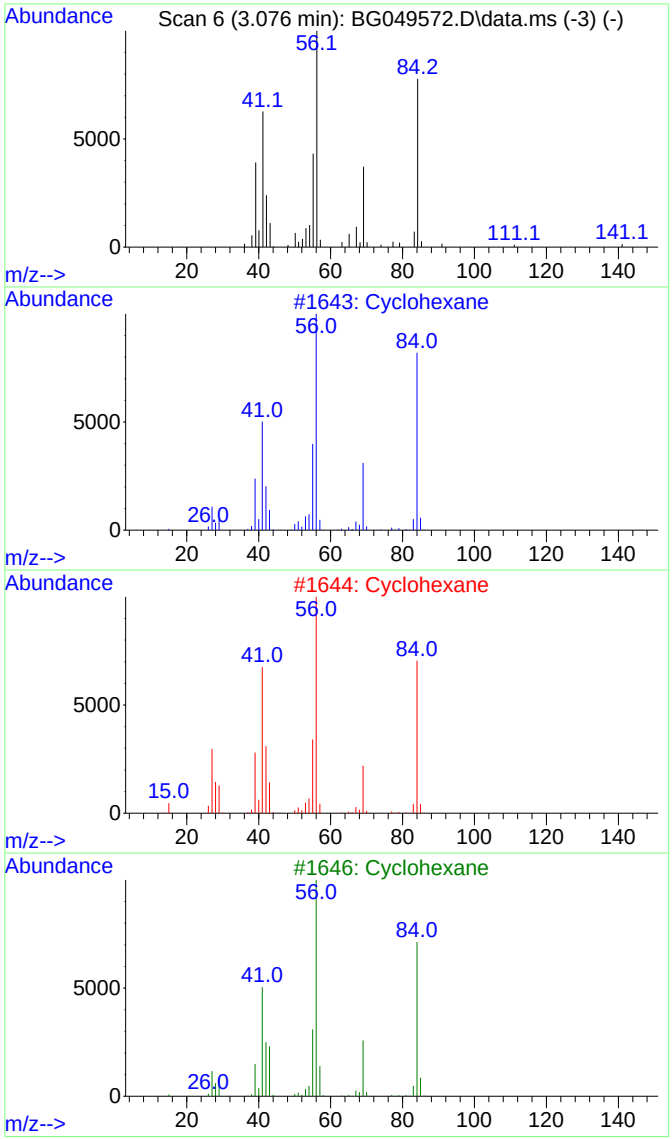
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

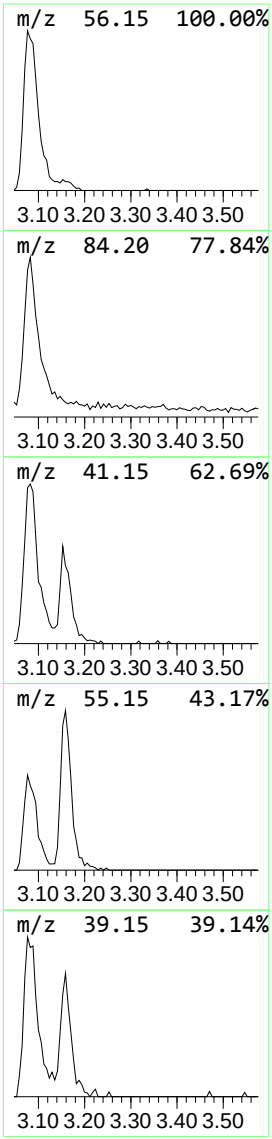
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.076 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	22.25 ng/ul	149968	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	74
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclohexane	84	C6H12	000110-82-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

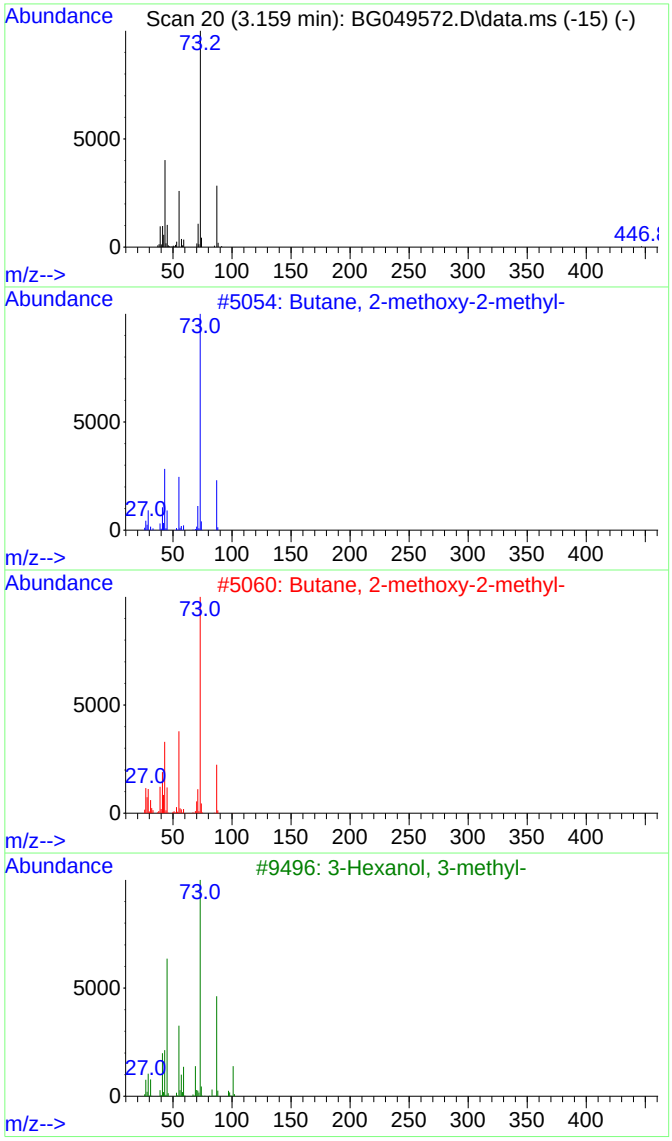
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

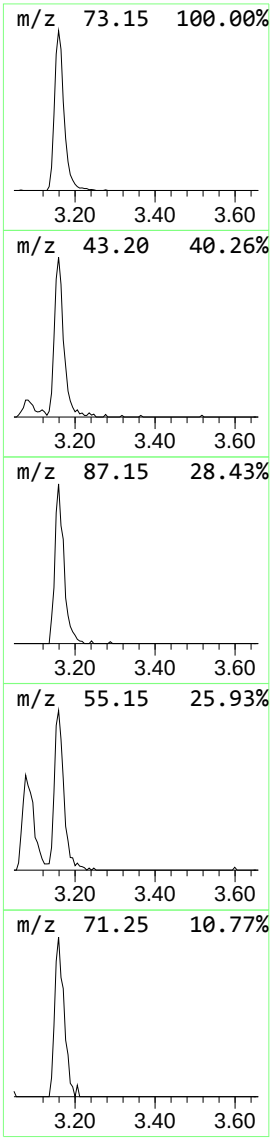
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.159	30.17 ng/ul	203351	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	53
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40





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Instrument : BNA_G
ClientSampleId : BGEP2

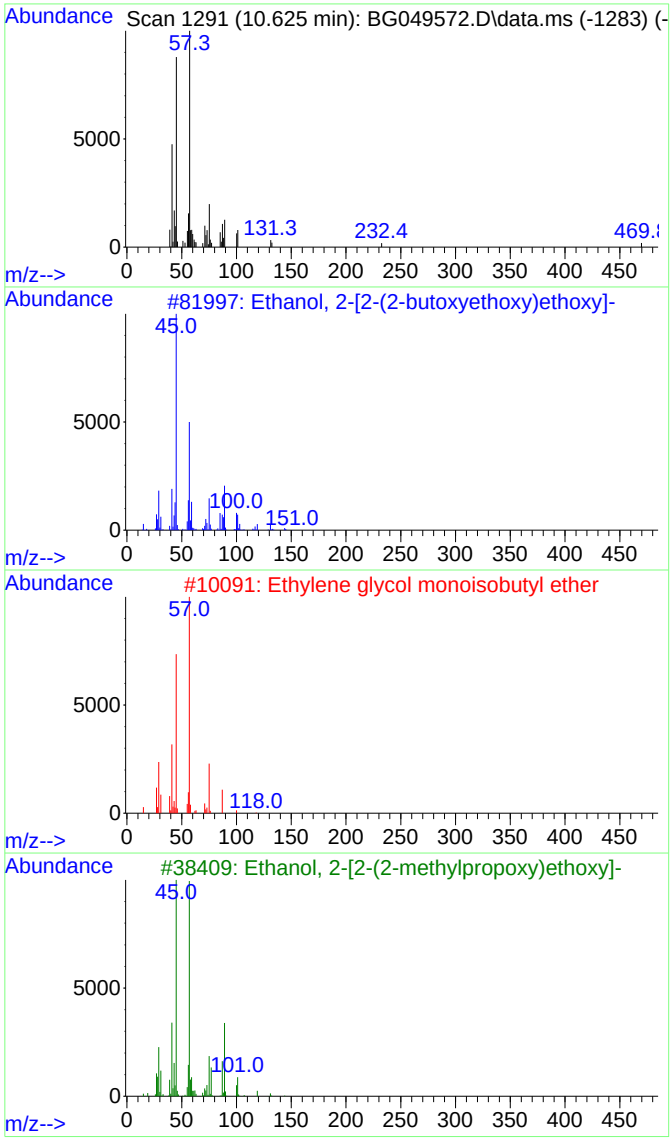
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

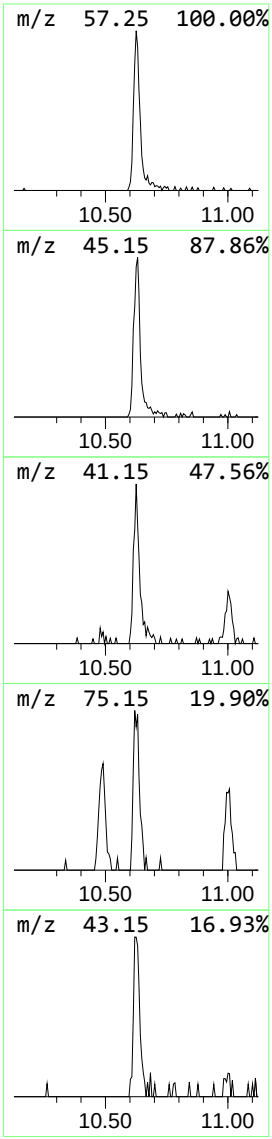
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.625	9.95 ng/ul	97880	Naphthalene-d8	10.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59





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Instrument : BNA_G
ClientSampleId : BGEP2

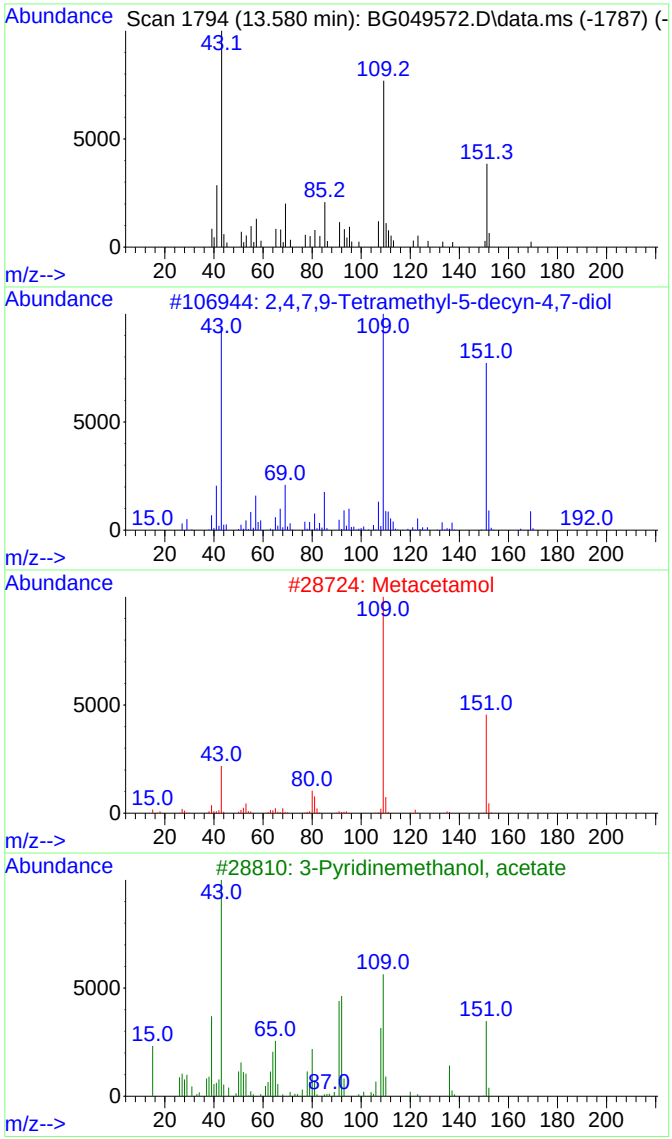
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

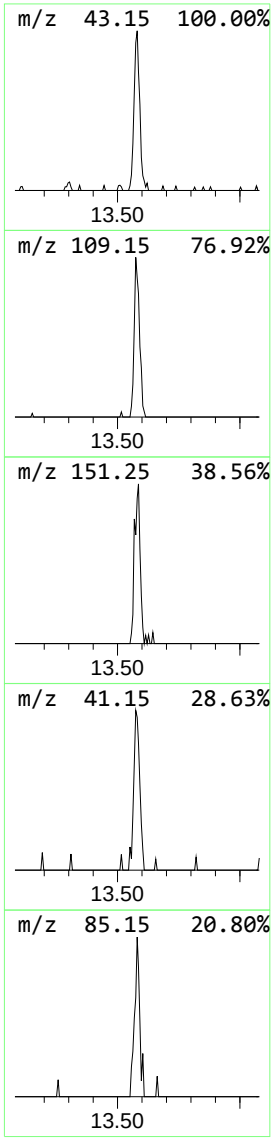
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.580	4.15 ng/ul	61809	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53





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Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

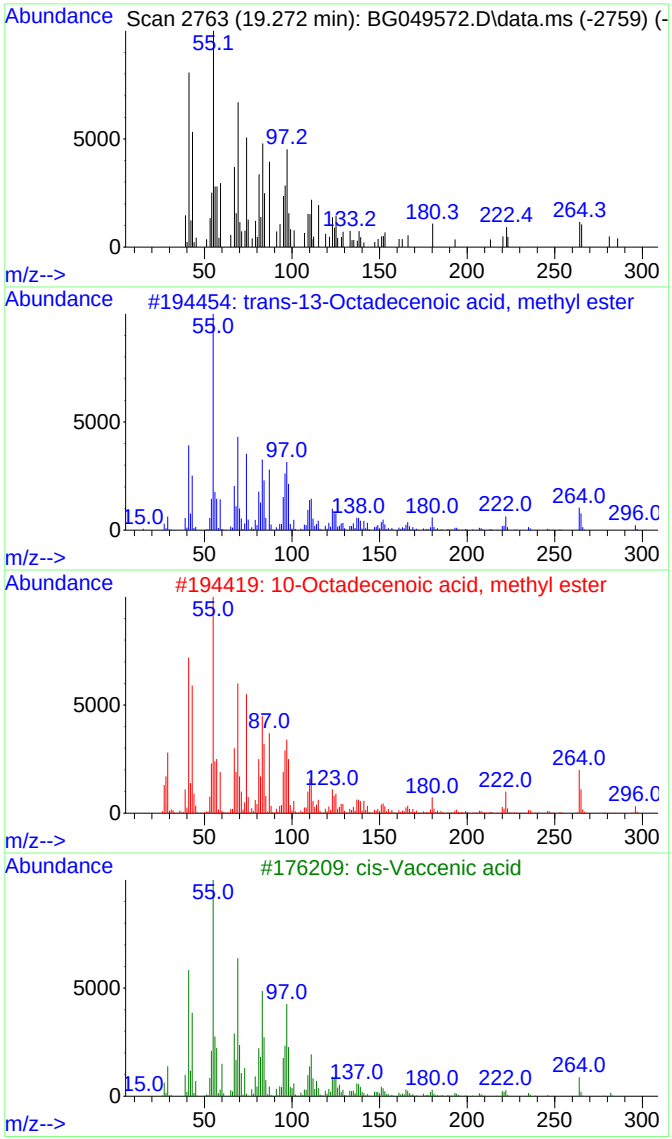
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

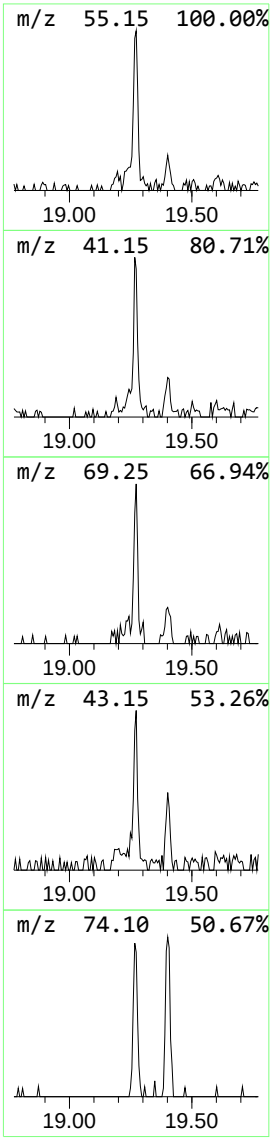
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 trans-13-Octadecenoic acid,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.272	3.92 ng/ul	75924	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	87
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	72
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	64
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	58
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	58





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Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEP2

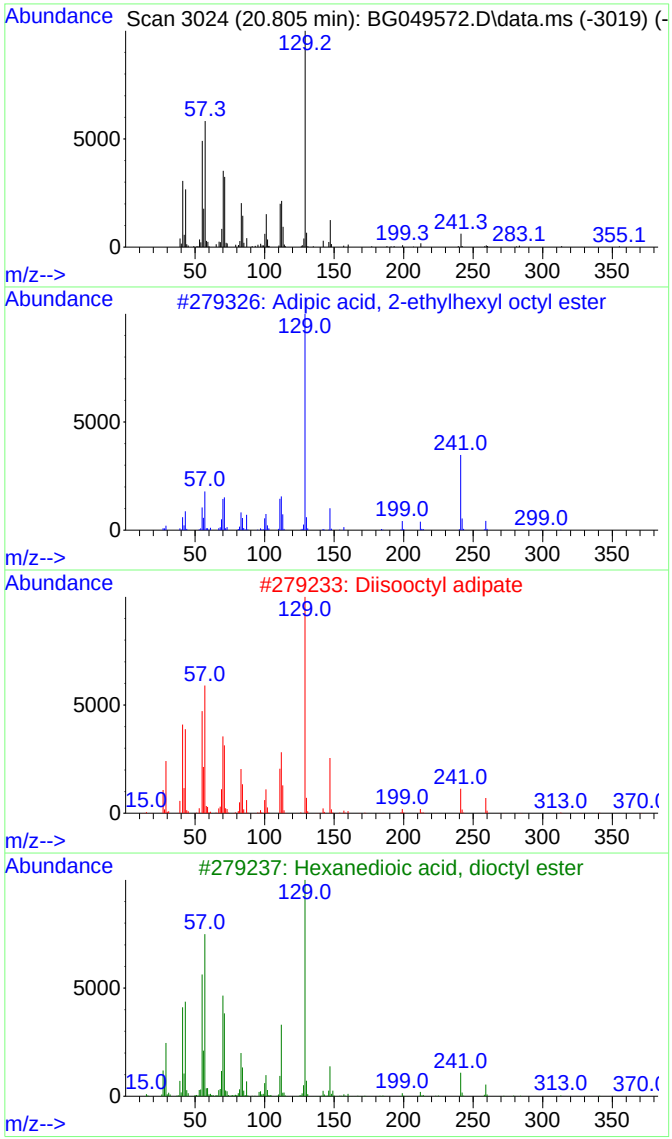
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

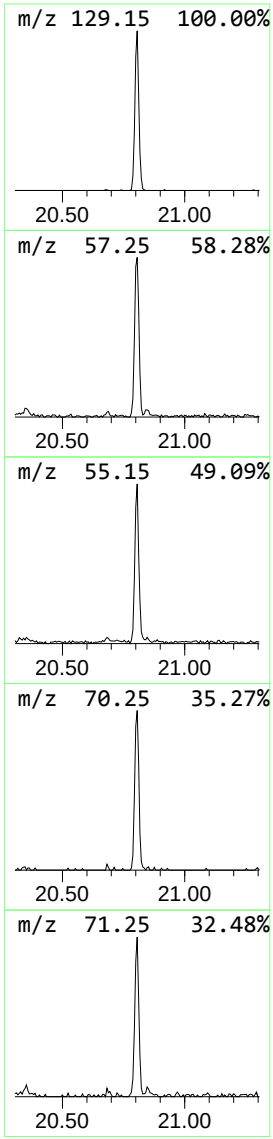
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Adipic acid, 2-ethylhexyl o... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.805	15.16 ng/ul	297453	Chrysene-d12	21.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	83
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	83
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	60
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	58
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEP2

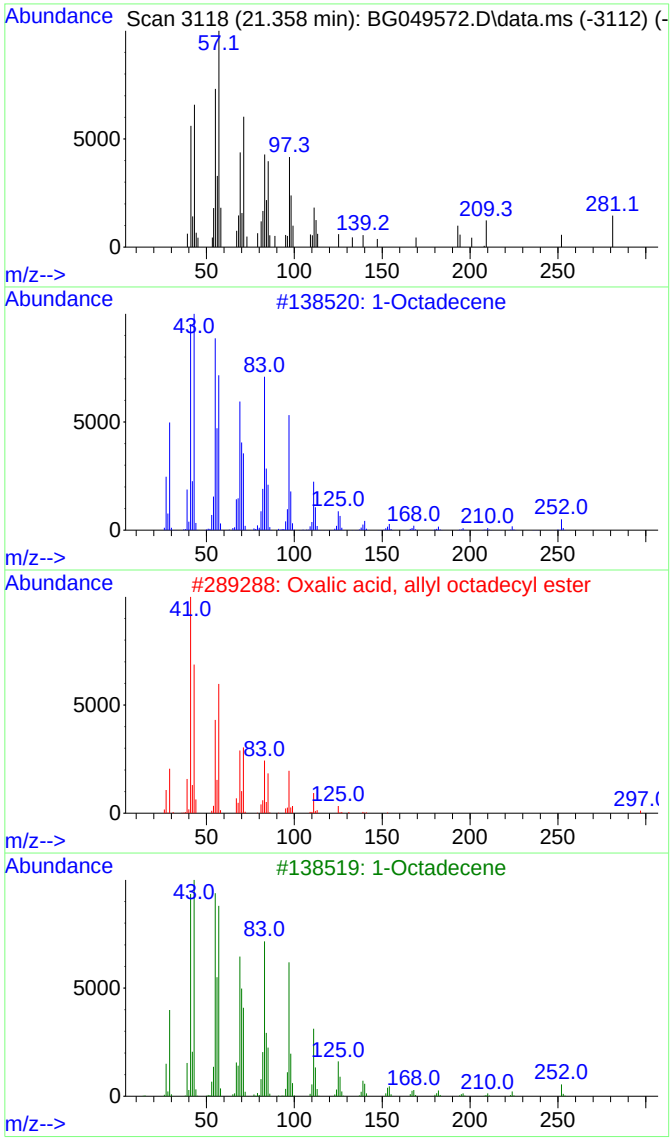
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

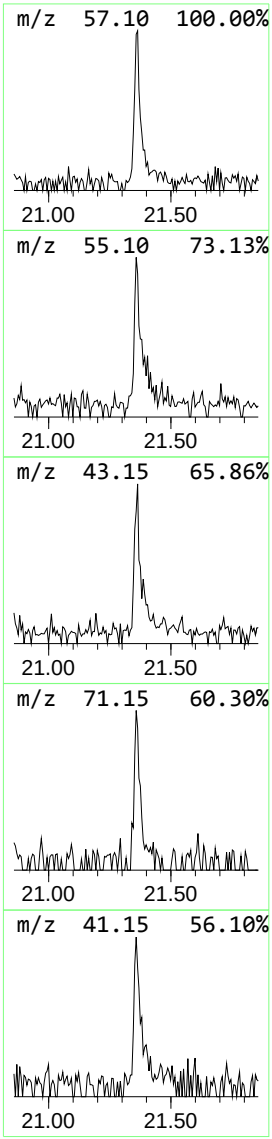
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.358	2.98 ng/ul	58540	Chrysene-d12	21.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	78
2	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	62
3	1-Octadecene	252	C18H36	000112-88-9	60
4	1-Octadecene	252	C18H36	000112-88-9	60
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049572.D
Acq On : 29 Jul 2021 23:30
Operator : CG/JU
Sample : M3141-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEP2

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
(DEL) Alkane: C...	3.076	22.3	ng/ul	149968	1	8.046	134814	20.0
Butane, 2-metho...	3.159	30.2	ng/ul	203351	1	8.046	134814	20.0
Ethanol, 2-[2-(...	10.625	9.9	ng/ul	97880	2	10.872	196825	20.0
2,4,7,9-Tetrame...	13.580	4.2	ng/ul	61809	3	14.696	297915	20.0
trans-13-Octade...	19.272	3.9	ng/ul	75924	4	17.445	387254	20.0
Adipic acid, 2-...	20.805	15.2	ng/ul	297453	5	21.728	392394	20.0
(DEL) Alkane: S...	21.358	3.0	ng/ul	58540	5	21.728	392394	20.0