LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072821\
Data File : BG049547.D
Acq On : 29 Jul 2021 00:37
Operator : CG/JU
Sample : M3106-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGCZ8

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: BG049547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.079	3	7	16	rVV2	59888	128740	30.68%	2.862%
2	3.161	16	21	32	rVB	123845	211545	50.41%	4.703%
3	3.872	139	142	147	rBV3	8975	16556	3.95%	0.368%
4	4.259	206	208	210	rBV2	1748	1296	0.31%	0.029%
5	5.305	383	386	389	rBV2	1861	2918	0.70%	0.065%
6	6.215	537	541	543	rBV2	1565	2034	0.48%	0.045%
7	6.333	559	561	564	rBV2	1069	1432	0.34%	0.032%
8	6.727	625	628	630	rBV2	1580	1427	0.34%	0.032%
9	7.161	698	702	703	rBV2	1439	1458	0.35%	0.032%
10	7.202	703	709	718	rVB	39844	70692	16.85%	1.572%
11	7.367	731	737	746	rVB2	27339	48066	11.45%	1.069%
12	7.437	746	749	751	rBV	1258	1525	0.36%	0.034%
13	7.578	766	773	783	rVB	38452	68835	16.40%	1.530%
14	7.655	783	786	788	rBV2	816	1048	0.25%	0.023%
15	7.860	819	821	824	rBV	1032	1310	0.31%	0.029%
16	8.048	847	853	861	rVB	96488	166634	39.71%	3.705%
17	8.377	907	909	912	rVB	1044	1179	0.28%	0.026%
18	8.418	912	916	917	rBV2	1683	1753	0.42%	0.039%
19	8.753	966	973	980	rBV2	47934	87073	20.75%	1.936%
20	9.217	1043	1052	1060	rBV	42628	77560	18.48%	1.724%
21	9.376	1076	1079	1084	rVB4	1647	2918	0.70%	0.065%
22	9.722	1137	1138	1144	rVB	1025	1097	0.26%	0.024%
23	9.875	1162	1164	1167	rBV	1131	1059	0.25%	0.024%
24	9.940	1169	1175	1183	rVB3	36362	67132	16.00%	1.493%
25	10.486	1262	1268	1276	rBV2	48961	90291	21.52%	2.007%
26	10.639	1288	1294	1296	rBV3	6417	11005	2.62%	0.245%
27	10.868	1323	1333	1342	rVB	134401	238705	56.89%	5.307%
28	11.003	1349	1356	1364	rBV	45465	84581	20.16%	1.881%
29	11.168	1381	1384	1389	rBV	1162	2047	0.49%	0.046%
30	11.919	1509	1512	1515	rBV	1031	1289	0.31%	0.029%
31	12.049	1532	1534	1537	rBV	1126	1154	0.28%	0.026%
32	12.448	1601	1602	1604	rBV	1499	1038	0.25%	0.023%
33	12.859	1668	1672	1674	rBV	1263	1356	0.32%	0.030%
34	13.071	1704	1708	1711	rVB2	1883	2508	0.60%	0.056%
35	13.629	1801	1803	1807	rVB	1001	1182	0.28%	0.026%
36	14.093	1876	1882	1889	rBV	103522	154583	36.84%	3.437%

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Misc :
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Instrument : BNA_G
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

37	14.387	1926	1932	1942	rVB	99921	165470	39.43%	3.679%
38	14.698	1978	1985	1991	rBV	221606	337624	80.46%	7.506%
39	14.898	2013	2019	2030	rBV3	29619	59752	14.24%	1.328%
40	14.992	2033	2035	2038	rBV3	1584	1898	0.45%	0.042%
41	15.474	2115	2117	2121	rBV	738	1050	0.25%	0.023%
42	15.691	2147	2154	2160	rBV2	137872	211832	50.48%	4.710%
43	15.773	2166	2168	2169	rBV	1141	1046	0.25%	0.023%
44	15.808	2169	2174	2184	rVB2	29412	44826	10.68%	0.997%
45	15.932	2192	2195	2197	rVB	1959	2105	0.50%	0.047%
46	16.214	2241	2243	2246	rVB	1119	1137	0.27%	0.025%
47	16.384	2269	2272	2277	rVV2	1383	2005	0.48%	0.045%
48	16.455	2281	2284	2286	rBV2	1039	1286	0.31%	0.029%
49	16.519	2293	2295	2297	rVB	1475	1228	0.29%	0.027%
50	16.695	2323	2325	2328	rBV	949	1246	0.30%	0.028%
51	16.930	2363	2365	2369	rVB2	1186	1358	0.32%	0.030%
52	17.083	2390	2391	2396	rVB2	882	1053	0.25%	0.023%
53	17.189	2406	2409	2410	rBV2	1305	1167	0.28%	0.026%
54	17.230	2413	2416	2418	rBV	1327	1441	0.34%	0.032%
55	17.447	2447	2453	2459	rBV	272473	413266	98.49%	9.188%
56	17.547	2463	2470	2479	rVB	151044	233497	55.65%	5.191%
57	18.017	2548	2550	2554	rVB	1158	1165	0.28%	0.026%
58	18.105	2563	2565	2568	rVB2	1757	1550	0.37%	0.034%
59	18.258	2588	2591	2595	rVB2	1087	1132	0.27%	0.025%
60	18.334	2598	2604	2607	rBV5	7086	11441	2.73%	0.254%
61	18.775	2671	2679	2684	rBV4	4832	10373	2.47%	0.231%
62	18.975	2710	2713	2714	rBV	1024	1324	0.32%	0.029%
63	19.033	2722	2723	2726	rBV2	1658	1574	0.38%	0.035%
64	19.227	2754	2756	2757	rBV	1566	1371	0.33%	0.030%
65	19.351	2775	2777	2780	rVB2	1676	1425	0.34%	0.032%
66	19.398	2780	2785	2789	rBV4	2964	6395	1.52%	0.142%
67	19.462	2795	2796	2799	rVB2	2554	2350	0.56%	0.052%
68	19.568	2812	2814	2815	rBV2	1896	1419	0.34%	0.032%
69	19.697	2834	2836	2837	rBV2	2109	1251	0.30%	0.028%
70	19.744	2841	2844	2845	rBV3	3735	3731	0.89%	0.083%
71	19.832	2853	2859	2868	rVB2	178149	251706	59.98%	5.596%
72	20.385	2951	2953	2956	rBV2	2920	2457	0.59%	0.055%
73	20.514	2973	2975	2978	rBV3	3324	2787	0.66%	0.062%
74	20.802	3020	3024	3029	rVB	169787	197561	47.08%	4.392%
75	21.730	3175	3182	3190	rBV	255293	419615	100.00%	9.329%
76	23.216	3429	3435	3443	rVB3	65063	133508	31.82%	2.968%

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Instrument : BNA_G
ClientSampleId : BGCZ8

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	25.008	3733	3740	3751	rVB3	143357	404332	96.36%	8.990%

Sum of corrected areas: 4497780

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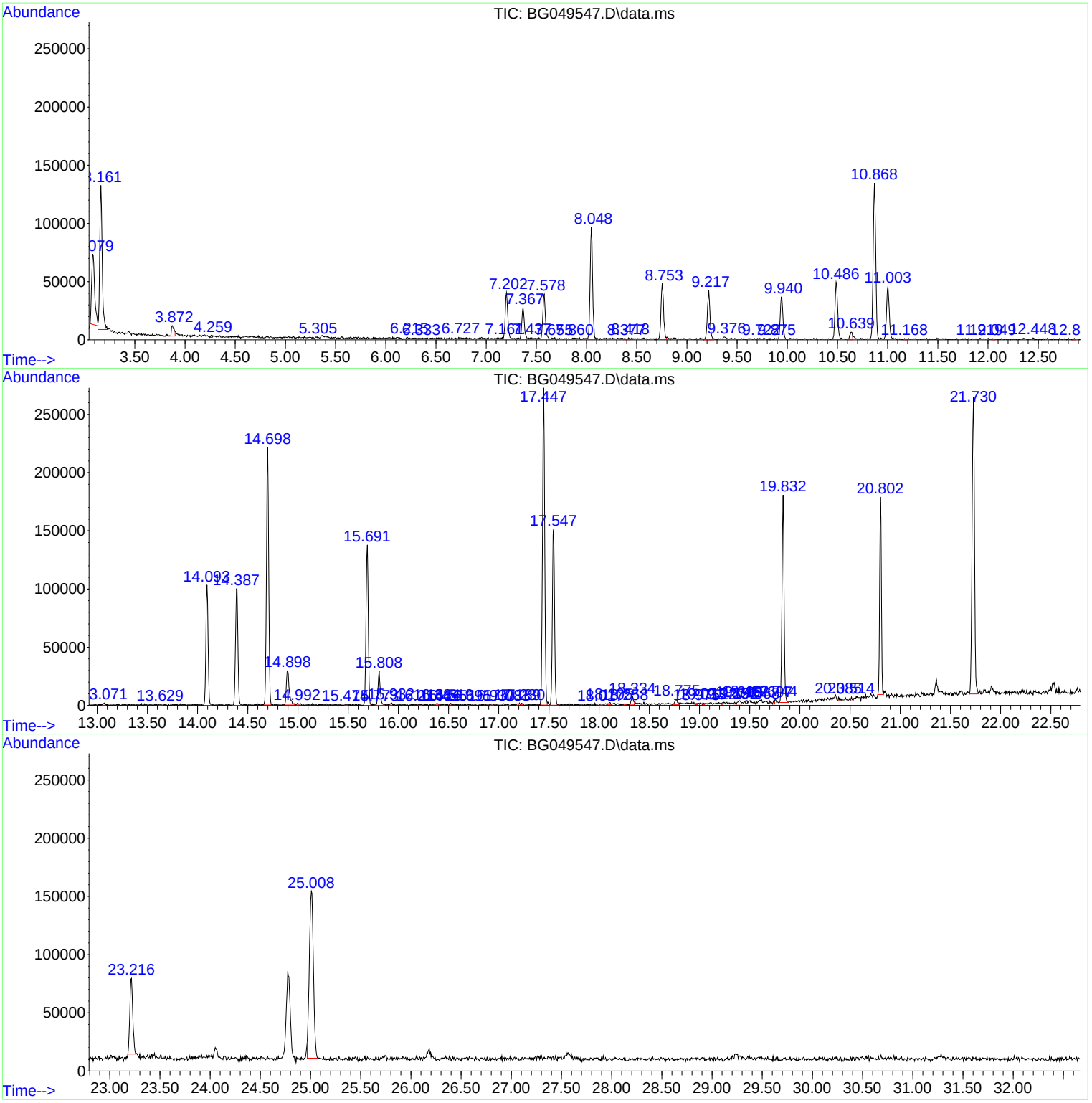
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGCZ8

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\BG072821\
Data File : BG049547.D
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Operator : CG/JU
Sample : M3106-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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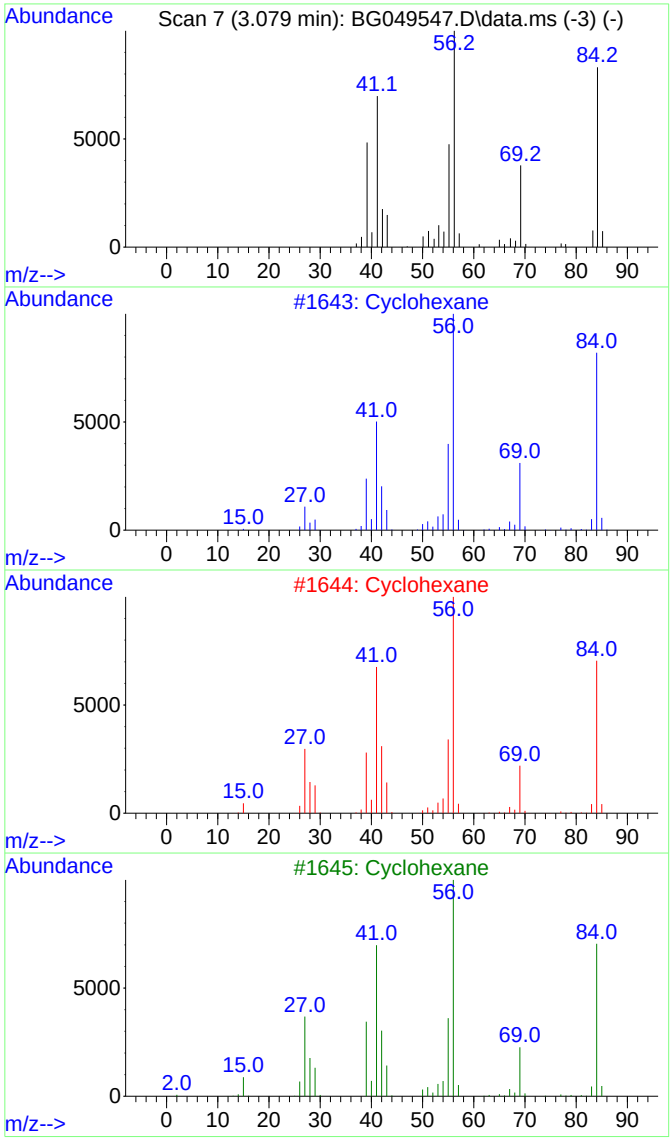
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

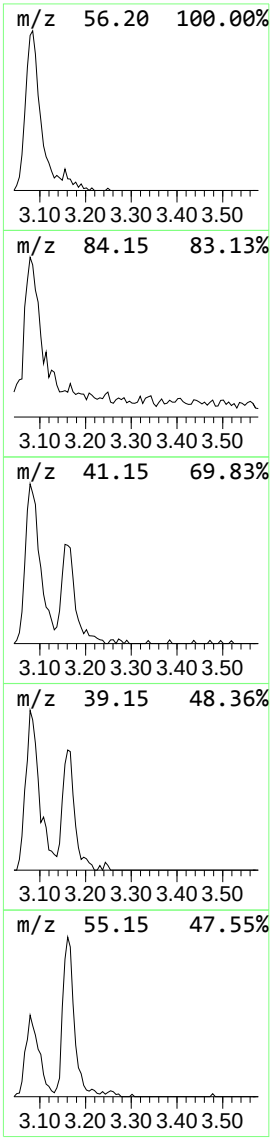
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.079 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	15.45 ng/ul	128740	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	Cyclohexane	84	C6H12	000110-82-7	76
3	Cyclohexane	84	C6H12	000110-82-7	68
4	2-Amino-oxazole	84	C3H4N2O	004570-45-0	64
5	1-Hexene	84	C6H12	000592-41-6	53





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Sample : M3106-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGCZ8

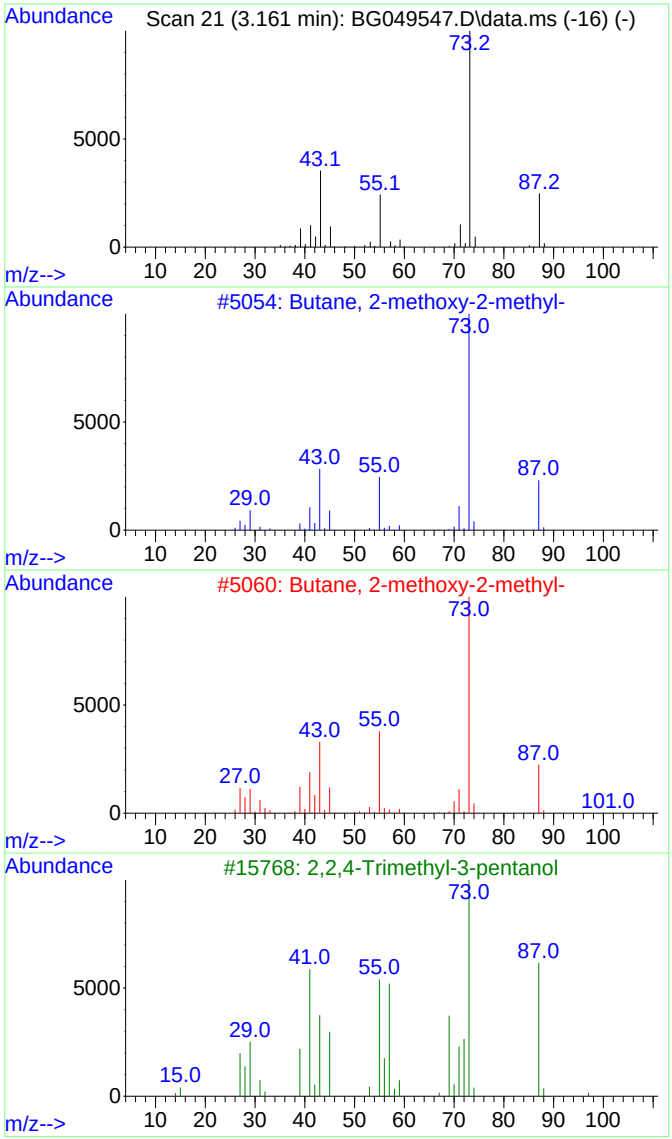
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

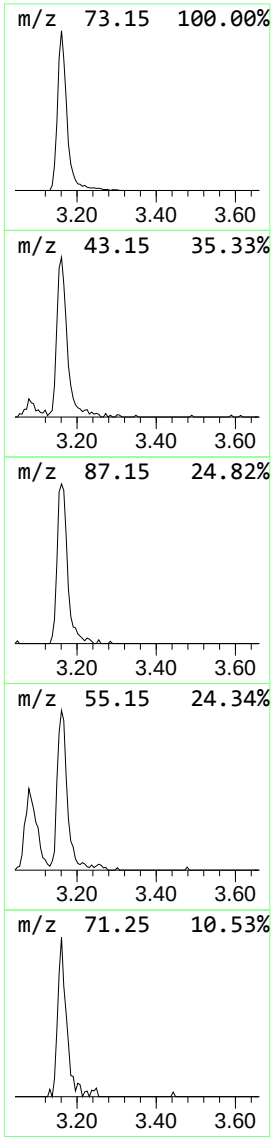
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.161	25.39 ng/ul	211545	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Sample : M3106-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGCZ8

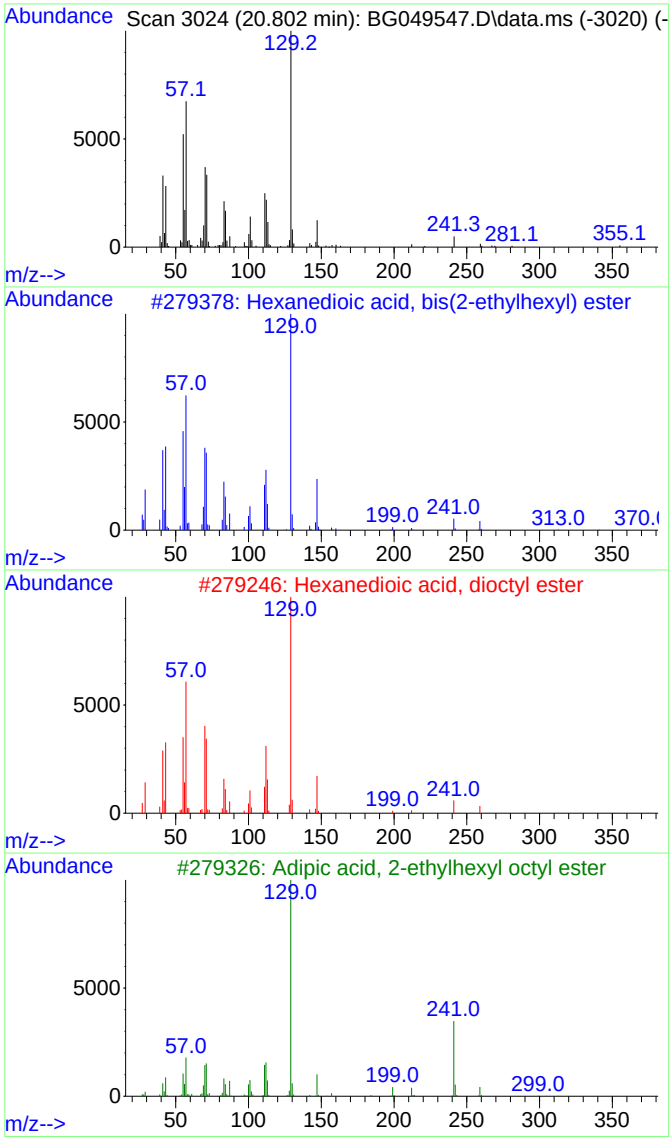
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

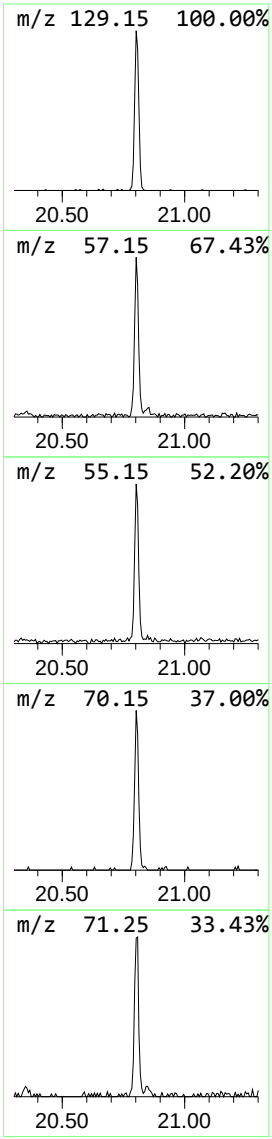
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.802	9.42 ng/ul	197561	Chrysene-d12	21.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
3	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	59
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	58
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	49





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BNA_G
ClientSampleId :
BGCZ8

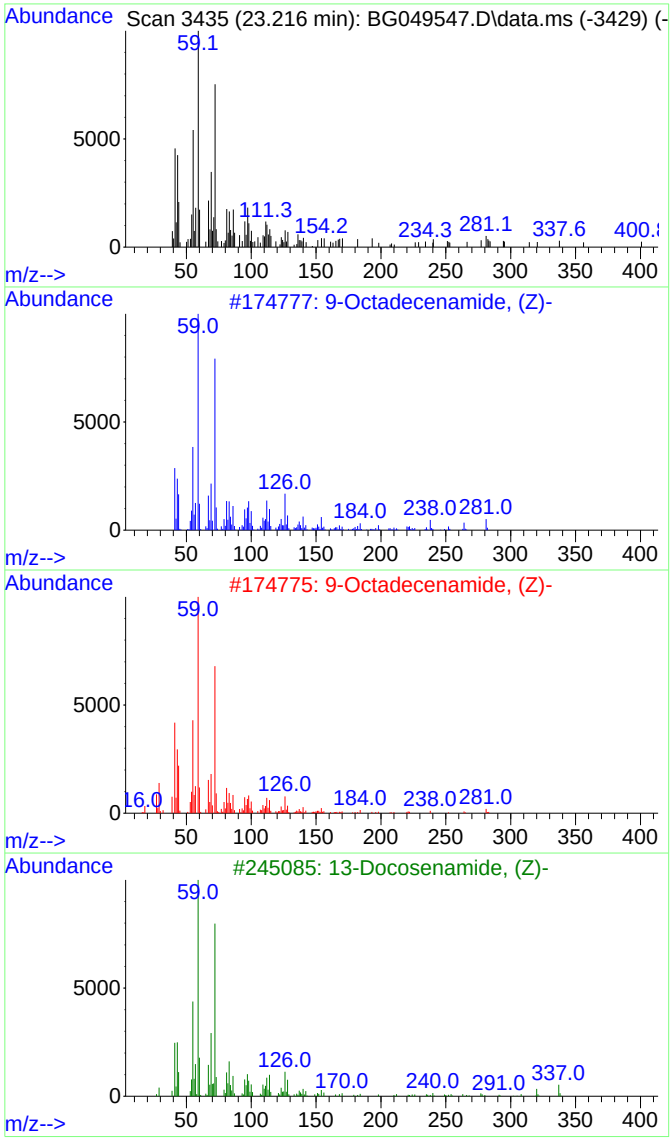
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

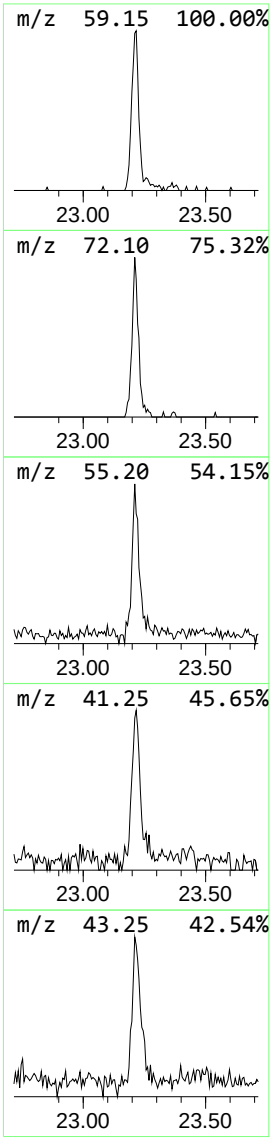
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.216	6.36 ng/ul	133508	Chrysene-d12	21.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81





Tentatively Identified Compound (LSC) summary

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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...	3.079	15.4	ng/ul	128740	1	8.048	166634	20.0
Butane, 2-metho...	3.161	25.4	ng/ul	211545	1	8.048	166634	20.0
Hexanedioic aci...	20.802	9.4	ng/ul	197561	5	21.730	419615	20.0
9-Octadecenamid...	23.216	6.4	ng/ul	133508	5	21.730	419615	20.0