LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

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: BG049391.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.098	4	10	19	rBV2	71861	156145	14.41%	1.335%
2	3.174	19	23	35	rVB	53817	98827	9.12%	0.845%
3	3.451	65	70	74	rBV4	6675	10687	0.99%	0.091%
4	3.738	117	119	121	rBV2	2455	2000	0.18%	0.017%
5	3.868	138	141	155	rBV	81514	161904	14.95%	1.384%
6	4.203	195	198	205	rVB5	4676	7874	0.73%	0.067%
7	4.496	246	248	252	rVB3	1615	1657	0.15%	0.014%
8	4.802	298	300	304	rVB3	1320	1404	0.13%	0.012%
9	5.013	333	336	339	rBV3	1335	1745	0.16%	0.015%
10	5.290	380	383	386	rBV3	2226	1924	0.18%	0.016%
11	6.130	521	526	531	rVB3	2802	4981	0.46%	0.043%
12	6.858	647	650	653	rVB2	1486	1549	0.14%	0.013%
13	7.217	704	711	721	rBV	170277	305394	28.19%	2.611%
14	7.381	731	739	747	rBV2	98735	179686	16.59%	1.536%
15	7.593	767	775	783	rBV	155398	284992	26.31%	2.436%
16	8.063	848	855	862	rBV	92515	165159	15.25%	1.412%
17	8.116	862	864	868	rVB4	3083	3376	0.31%	0.029%
18	8.703	961	964	967	rBV	1234	1440	0.13%	0.012%
19	8.768	967	975	985	rBV	211999	382945	35.35%	3.274%
20	9.232	1046	1054	1061	rBV	169931	307494	28.39%	2.629%
21	9.643	1119	1124	1128	rBV3	2481	4337	0.40%	0.037%
22	9.955	1171	1177	1187	rVB	159126	286958	26.49%	2.453%
23	10.501	1263	1270	1280	rBV2	215141	396822	36.63%	3.392%
24	10.642	1289	1294	1305	rBV2	24663	46970	4.34%	0.402%
25	10.883	1327	1335	1344	rVB	130018	235858	21.77%	2.016%
26	11.018	1350	1358	1369	rBV	196938	365858	33.78%	3.128%
27	12.463	1600	1604	1607	rBV2	3619	4944	0.46%	0.042%
28	12.716	1646	1647	1653	rBV	1123	1413	0.13%	0.012%
29	13.527	1780	1785	1791	rVB4	2768	4685	0.43%	0.040%
30	14.109	1877	1884	1892	rBV	406898	606606	56.00%	5.186%
31	14.402	1928	1934	1943	rVB	435322	674666	62.28%	5.767%
32	14.602	1965	1968	1971	rVB2	1633	2068	0.19%	0.018%
33	14.708	1980	1986	1994	rBV	209695	336265	31.04%	2.875%
34	14.849	2006	2010	2011	rVB	1690	1619	0.15%	0.014%
35	14.902	2013	2019	2031	rVV2	167077	285229	26.33%	2.438%
36	15.113	2054	2055	2059	rVB3	2462	2017	0.19%	0.017%

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

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

37	15.701	2147	2155	2164	rVB	545356	831791	76.79%	7.111%
38	15.813	2168	2174	2185	rBV	179865	278134	25.68%	2.378%
39	15.948	2191	2197	2201	rVB3	6294	8772	0.81%	0.075%
40	16.048	2211	2214	2216	rVB3	1745	1401	0.13%	0.012%
41	16.406	2273	2275	2278	rVB2	2085	1627	0.15%	0.014%
42	16.488	2287	2289	2292	rVB	1682	1449	0.13%	0.012%
43	16.970	2368	2371	2377	rVB	1681	2493	0.23%	0.021%
44	17.458	2447	2454	2461	rBV	267806	431957	39.88%	3.693%
45	17.558	2465	2471	2478	rBV2	597355	925526	85.44%	7.912%
46	17.840	2517	2519	2524	rVB2	1094	1421	0.13%	0.012%
47	18.116	2561	2566	2570	rVB3	2782	4162	0.38%	0.036%
48	18.339	2599	2604	2615	rBV3	21832	36877	3.40%	0.315%
49	18.639	2651	2655	2658	rBV4	2024	2914	0.27%	0.025%
50	18.774	2673	2678	2681	rBV2	4055	6946	0.64%	0.059%
51	19.267	2758	2762	2763	rBV3	2956	3216	0.30%	0.027%
52	19.402	2782	2785	2791	rBV6	6314	11542	1.07%	0.099%
53	19.485	2794	2799	2802	rBV	6016	10128	0.93%	0.087%
54	19.608	2817	2820	2824	rBV5	4967	6224	0.57%	0.053%
55	19.843	2851	2860	2868	rBV	724725	1083217	100.00%	9.260%
56	20.219	2922	2924	2925	rBV2	3712	2357	0.22%	0.020%
57	20.507	2971	2973	2974	rVB2	2813	1548	0.14%	0.013%
58	20.525	2974	2976	2977	rBV	2773	1643	0.15%	0.014%
59	20.595	2986	2988	2990	rBV2	2303	1759	0.16%	0.015%
60	20.689	3003	3004	3007	rBB2	2667	1553	0.14%	0.013%
61	20.818	3021	3026	3030	rBV	222418	264107	24.38%	2.258%
62	21.053	3064	3066	3068	rVB2	5570	4645	0.43%	0.040%
63	21.371	3115	3120	3127	rBV2	59563	106106	9.80%	0.907%
64	21.741	3177	3183	3193	rVB	288851	484353	44.71%	4.140%
65	21.994	3225	3226	3228	rBV2	4385	3424	0.32%	0.029%
66	22.405	3294	3296	3298	rBV3	3698	2550	0.24%	0.022%
67	22.569	3317	3324	3331	rBV8	30341	81022	7.48%	0.693%
68	24.085	3576	3582	3588	rBV3	28583	59926	5.53%	0.512%
69	24.802	3694	3704	3718	rVB3	368944	1065951	98.41%	9.112%
70	25.031	3732	3743	3757	rBV2	172423	544953	50.31%	4.659%
71	25.936	3895	3897	3898	rVB2	4007	1900	0.18%	0.016%
72	26.218	3939	3945	3957	rVB4	25482	73909	6.82%	0.632%
73	28.057	4256	4258	4259	rBV2	5021	3623	0.33%	0.031%
74	29.062	4427	4429	4430	rBV2	4134	2849	0.26%	0.024%
75	30.384	4652	4654	4655	rBV2	4019	2532	0.23%	0.022%

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Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

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

Sum of corrected areas: 11698005

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
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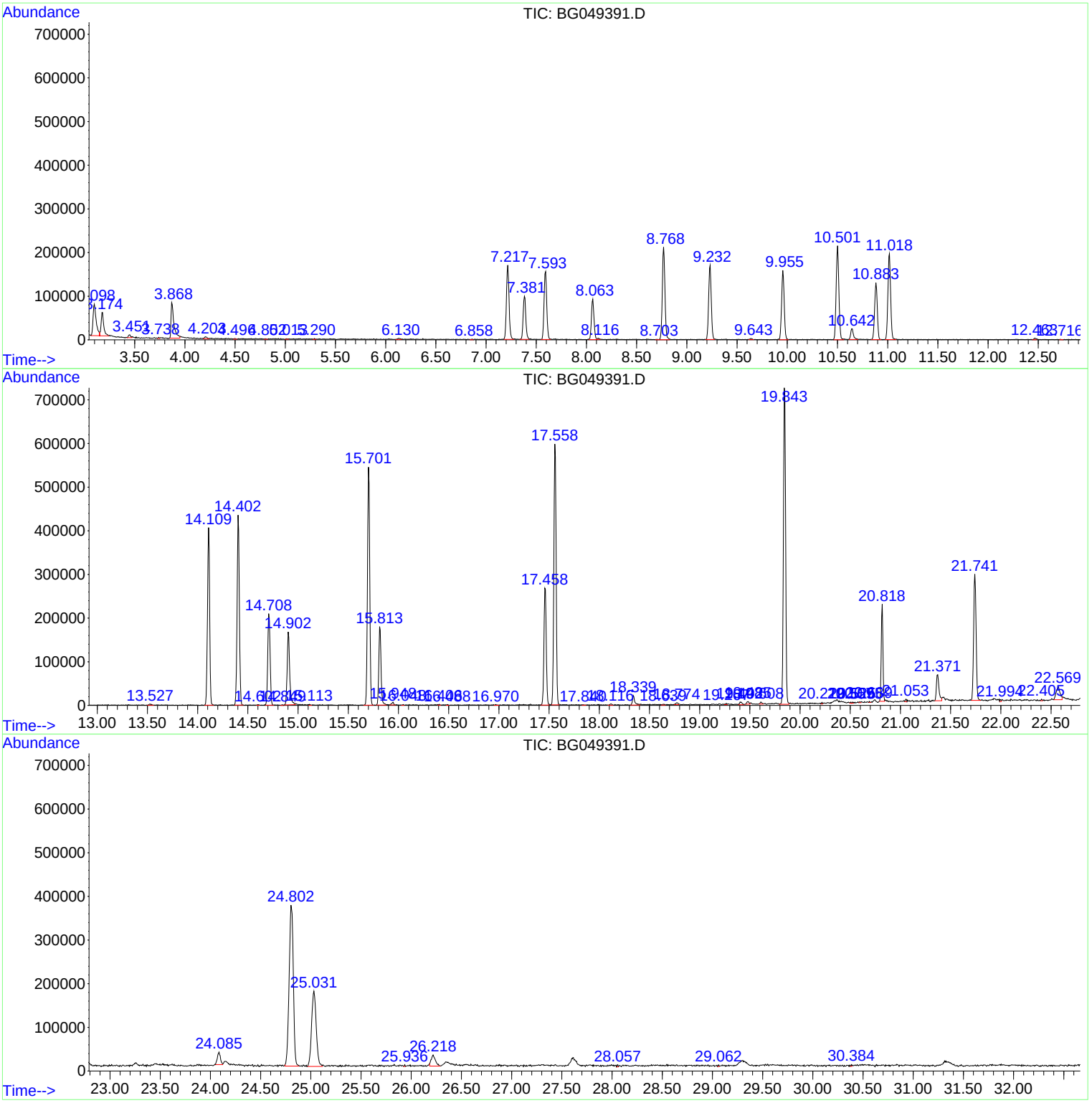
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE96

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

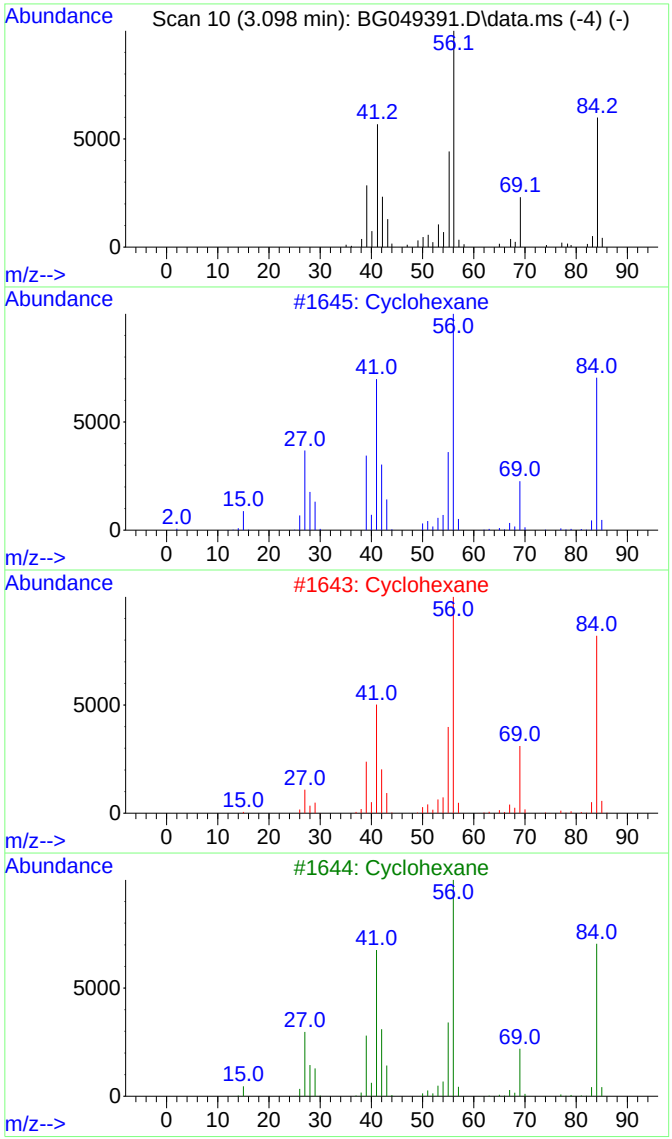
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

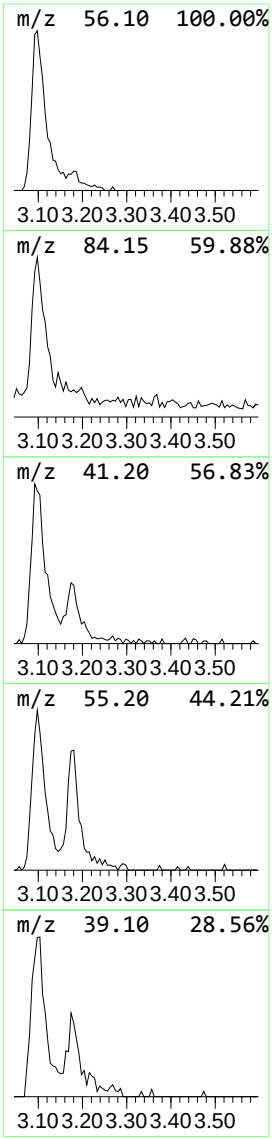
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.100	18.91 ng/ul	156145	1,4-Dichlorobenzene-d4	8.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	80
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
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Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

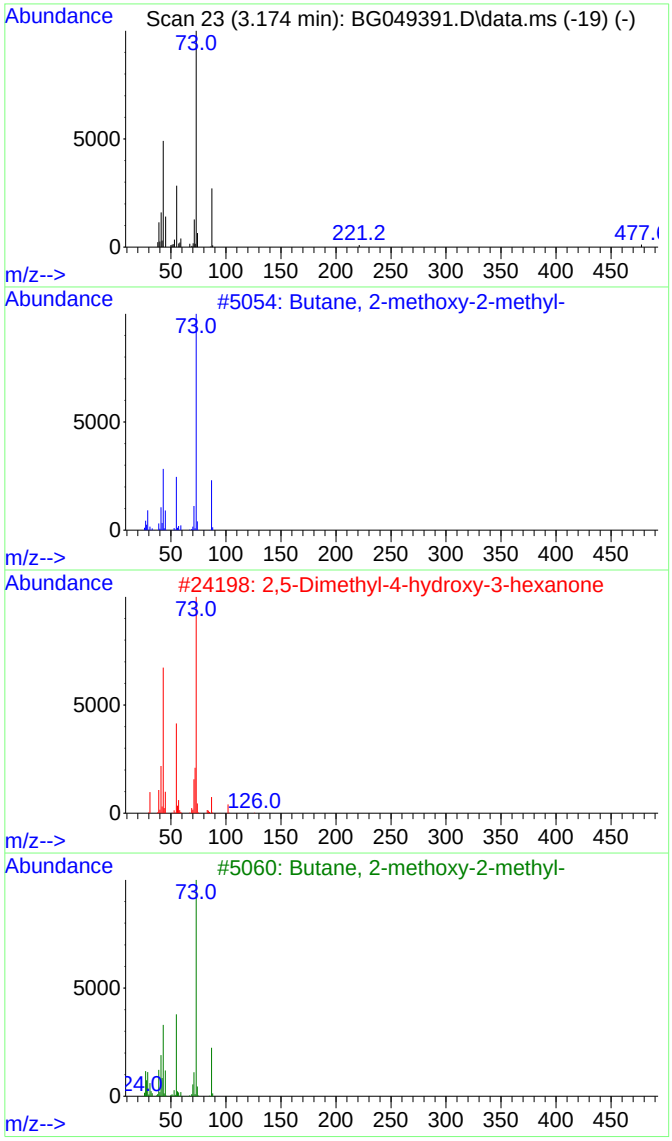
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

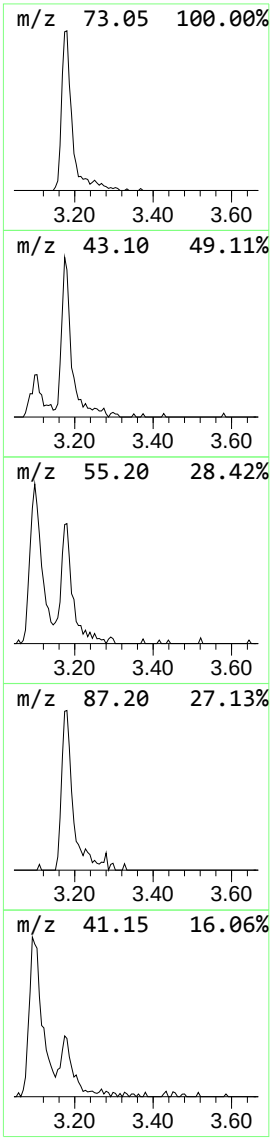
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.170	11.97 ng/ul	98827	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	64
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	40
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049391.D
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Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

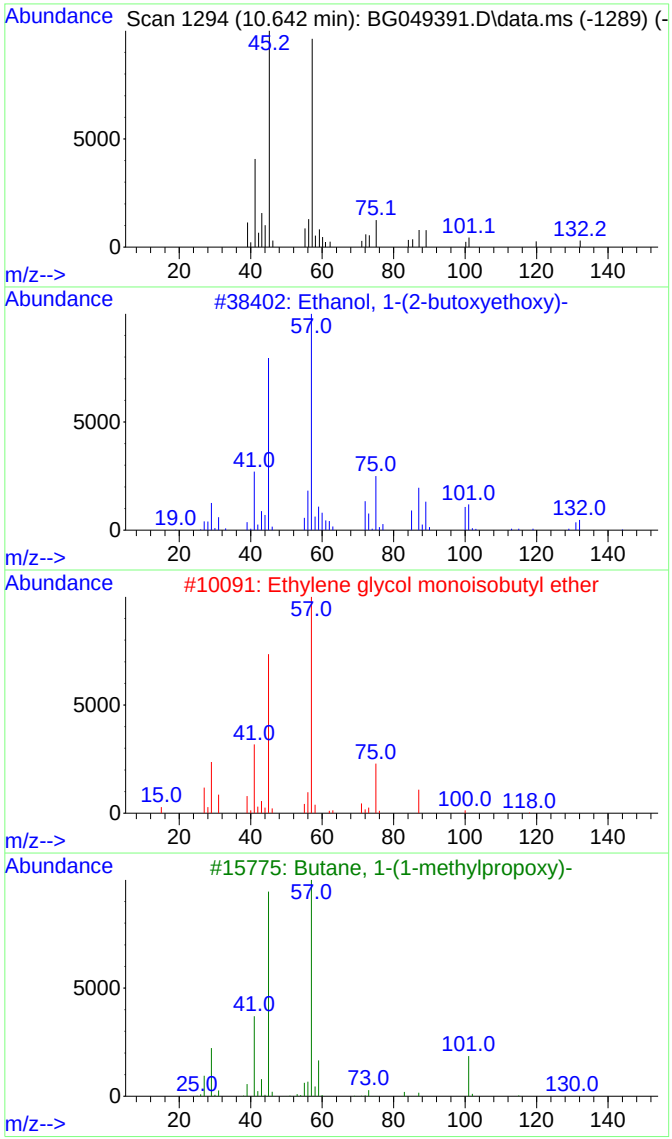
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

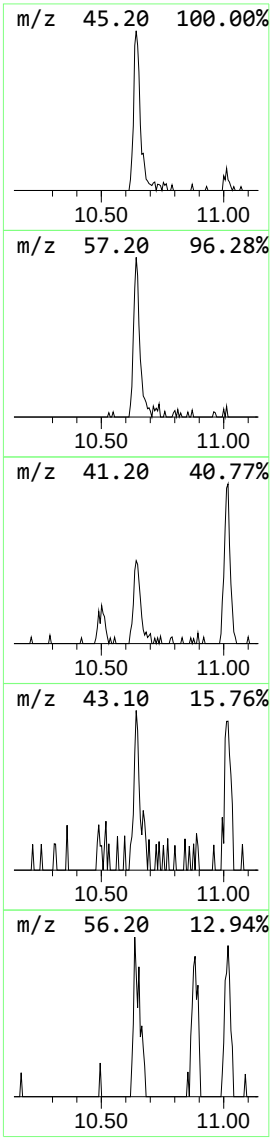
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	3.98 ng/ul	46970	Naphthalene-d8	10.883

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	59
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
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ClientSampleId : BGE96

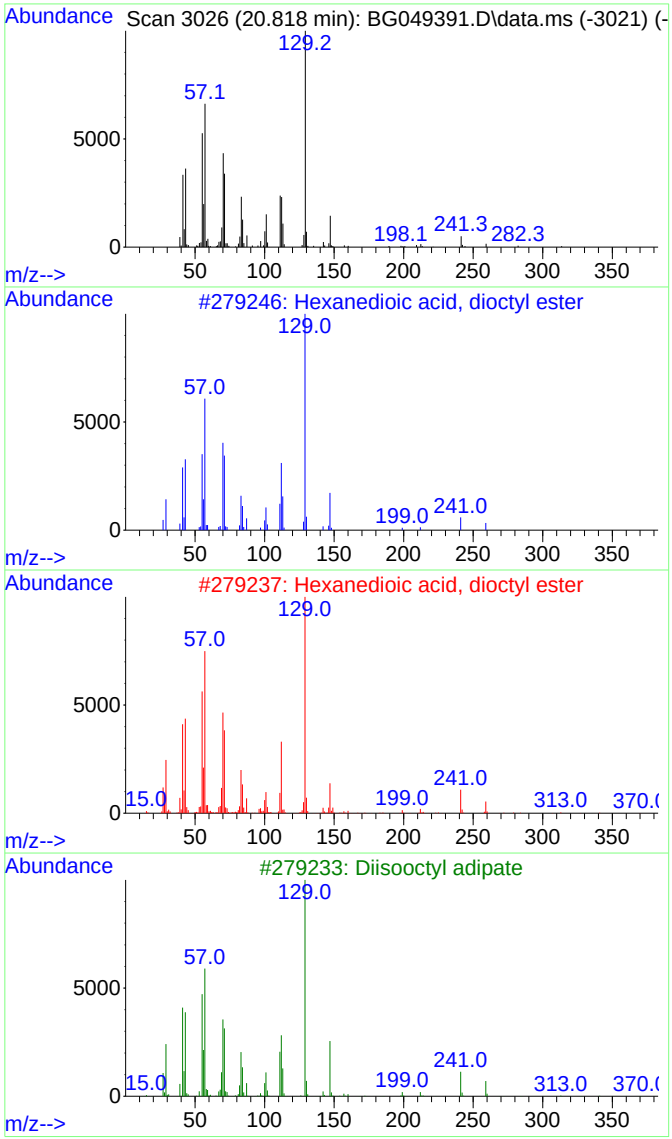
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

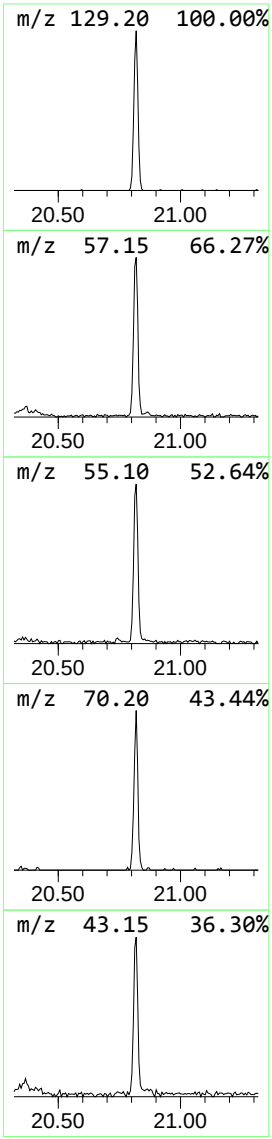
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, dioctyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	10.91 ng/ul	264107	Chrysene-d12	21.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	81
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	72
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
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Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

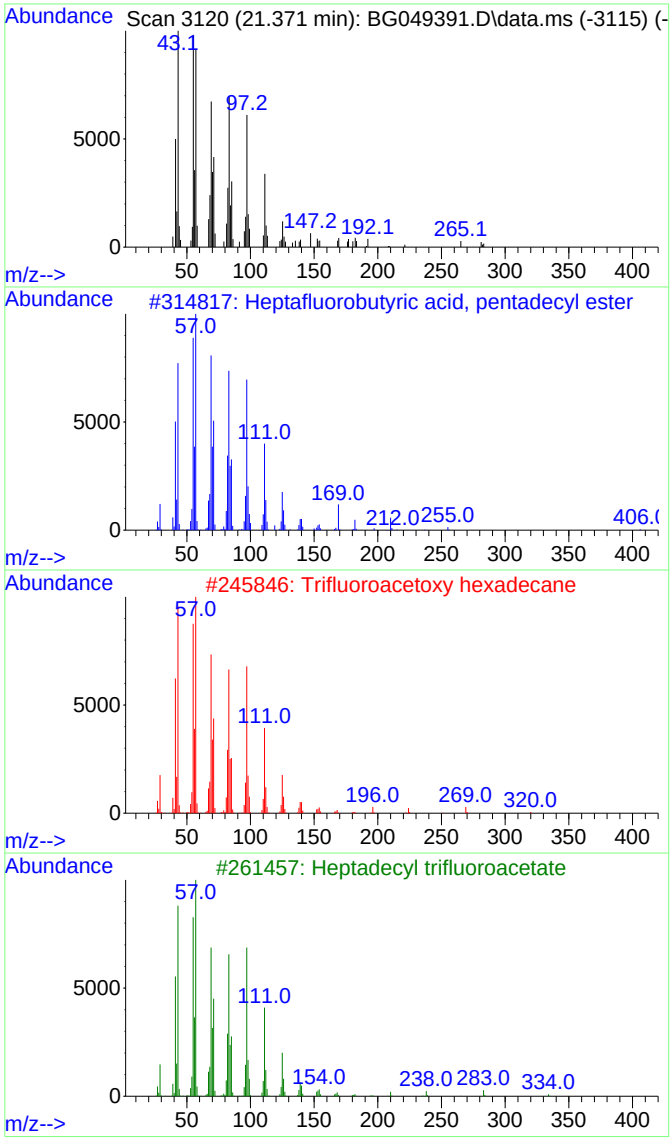
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

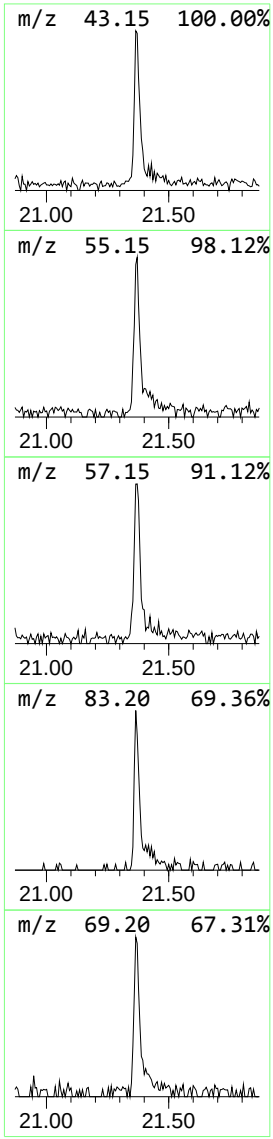
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	4.38 ng/ul	106106	Chrysene-d12	21.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

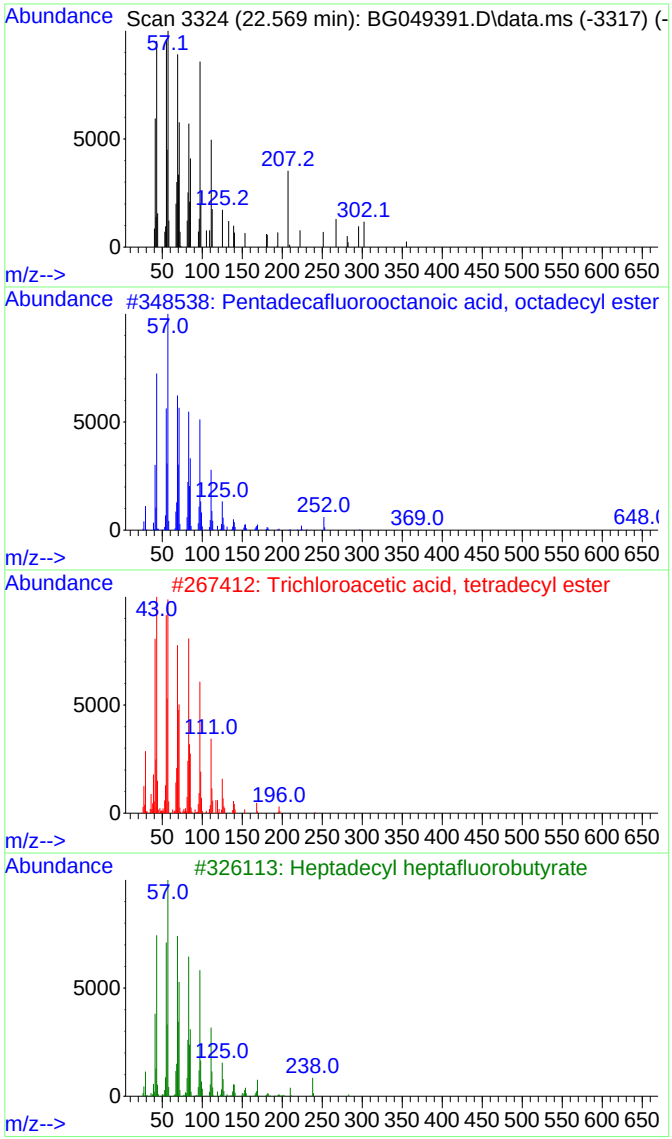
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

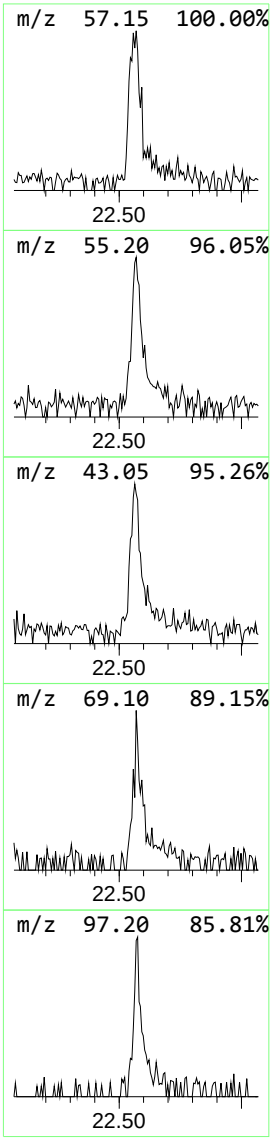
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.570	3.35 ng/ul	81022	Chrysene-d12	21.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	70
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	62
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
4	1-Hexacosene	364	C26H52	018835-33-1	60
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE96

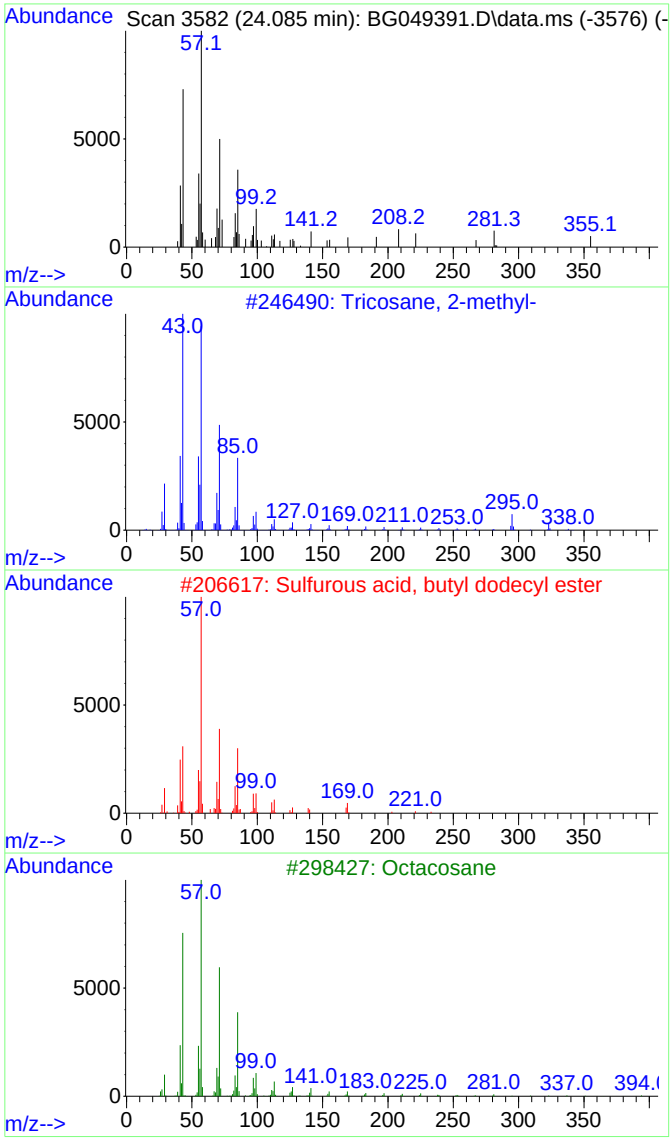
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

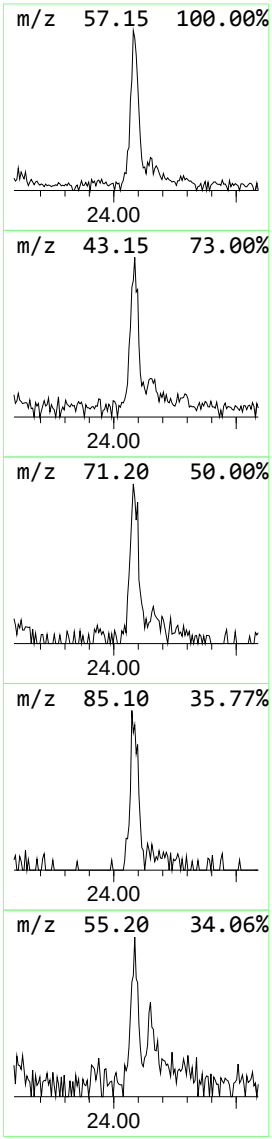
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.090	2.20 ng/ul	59926	Perylene-d12	25.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	72
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
3	Octacosane	394	C28H58	000630-02-4	64
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64





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Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

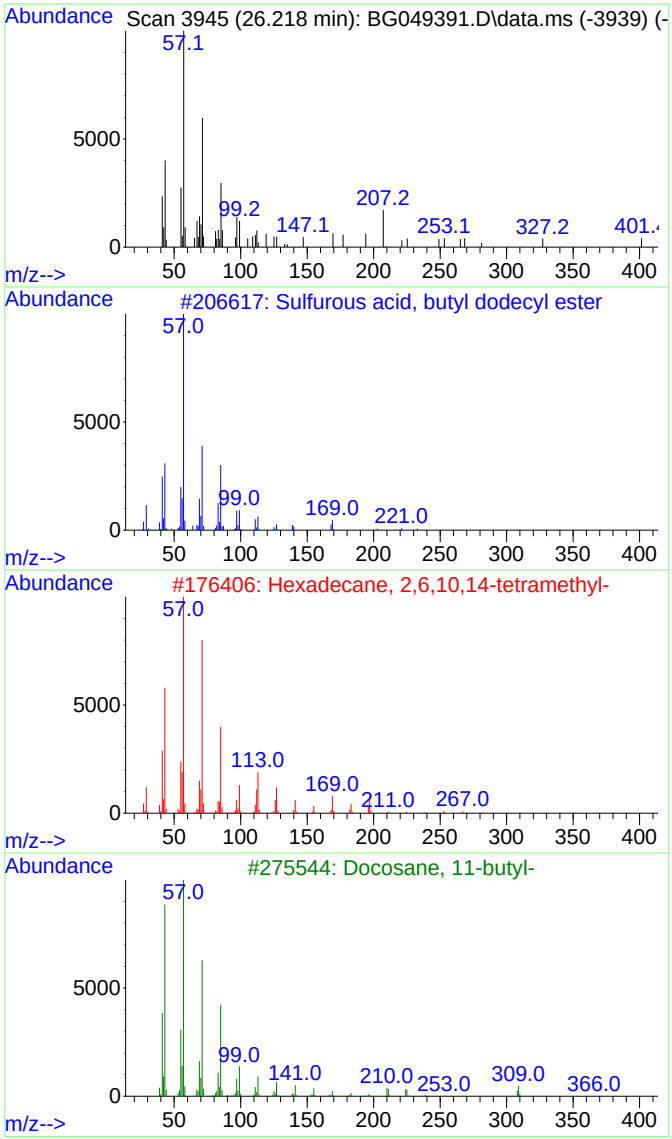
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

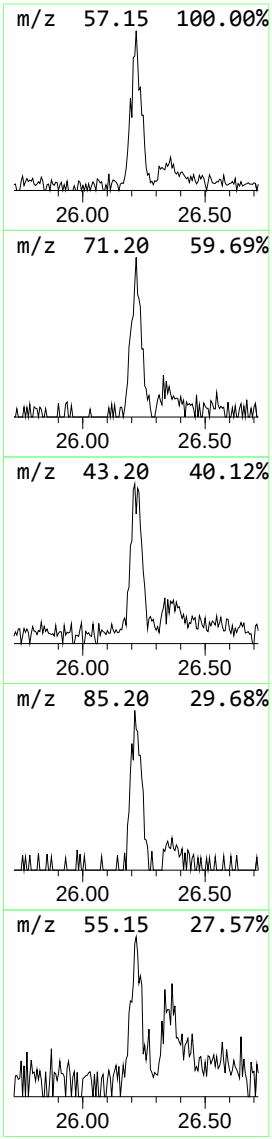
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Sulfurous acid, butyl dodec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.220	2.71 ng/ul	73909	Perylene-d12	25.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	50
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	50
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049391.D
Acq On : 16 Jul 2021 23:41
Operator : CG/JU
Sample : M2970-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE96

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.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...	3.100	18.9	ng/ul	156145	1	8.063	165159	20.0
Butane, 2-metho...	3.170	12.0	ng/ul	98827	1	8.063	165159	20.0
Ethanol, 1-(2-b...	10.640	4.0	ng/ul	46970	2	10.883	235858	20.0
Hexanedioic aci...	20.820	10.9	ng/ul	264107	5	21.741	484353	20.0
Heptafluorobuty...	21.370	4.4	ng/ul	106106	5	21.741	484353	20.0
Pentadecafluoro...	22.570	3.4	ng/ul	81022	5	21.741	484353	20.0
(DEL) Alkane: S...	24.090	2.2	ng/ul	59926	6	25.025	544953	20.0
Sulfurous acid,...	26.220	2.7	ng/ul	73909	6	25.025	544953	20.0