LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

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: BG049465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.080	3	7	16	rBV2	37405	83970	12.09%	1.079%
2	3.162	17	21	29	rVB	44044	75438	10.86%	0.969%
3	3.291	41	43	45	rBV3	2005	2386	0.34%	0.031%
4	3.344	50	52	55	rVV2	2618	3040	0.44%	0.039%
5	3.373	55	57	61	rVB5	2708	2783	0.40%	0.036%
6	3.432	61	67	72	rBV7	6037	12805	1.84%	0.165%
7	3.467	72	73	75	rVB	2365	1574	0.23%	0.020%
8	3.732	116	118	123	rVB4	1928	2199	0.32%	0.028%
9	3.855	136	139	148	rBV	62535	122301	17.61%	1.572%
10	4.196	194	197	199	rVB3	2632	2904	0.42%	0.037%
11	5.171	360	363	365	rBV3	1383	1609	0.23%	0.021%
12	7.197	702	708	721	rVV	112151	209574	30.17%	2.693%
13	7.368	731	737	745	rBV	73933	131717	18.96%	1.693%
14	7.573	766	772	783	rBV	111098	200005	28.79%	2.570%
15	8.049	846	853	860	rBV	78157	138068	19.88%	1.774%
16	8.413	910	915	917	rBV2	1151	1924	0.28%	0.025%
17	8.754	966	973	981	rBV	135834	246948	35.55%	3.173%
18	8.848	988	989	993	rVB	1368	1441	0.21%	0.019%
19	9.212	1042	1051	1059	rBV	113267	206998	29.80%	2.660%
20	9.941	1167	1175	1186	rBV2	104035	186480	26.85%	2.396%
21	10.481	1259	1267	1279	rBV	135648	253002	36.42%	3.251%
22	10.634	1288	1293	1302	rBV3	13038	24405	3.51%	0.314%
23	10.869	1324	1333	1342	rBV	102667	188355	27.12%	2.420%
24	10.998	1348	1355	1363	rBV	126793	229068	32.98%	2.943%
25	12.455	1600	1603	1609	rVB2	2737	3298	0.47%	0.042%
26	13.048	1700	1704	1708	rVB2	1509	1774	0.26%	0.023%
27	13.301	1744	1747	1751	rVB2	1818	2163	0.31%	0.028%
28	14.094	1875	1882	1894	rBV	263582	393554	56.66%	5.057%
29	14.388	1926	1932	1942	rVB	269636	430974	62.05%	5.538%
30	14.693	1978	1984	1994	rVB	155986	252311	36.33%	3.242%
31	14.887	2011	2017	2029	rBV2	104613	185900	26.76%	2.389%
32	15.686	2147	2153	2162	rBV	359311	533264	76.77%	6.852%
33	15.803	2165	2173	2183	rBV2	111460	179249	25.81%	2.303%
34	15.927	2191	2194	2197	rVB2	3867	4306	0.62%	0.055%
35	17.119	2391	2397	2400	rBV2	1286	2153	0.31%	0.028%
36	17.442	2446	2452	2460	rVB	205911	307187	44.23%	3.947%

LSC Area Percent Report

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Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

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	17.542	2462	2469	2476	rBV	381723	578091	83.23%	7.428%
38	18.100	2560	2564	2568	rBV2	2814	3537	0.51%	0.045%
39	18.329	2598	2603	2611	rBV	57556	89180	12.84%	1.146%
40	18.494	2630	2631	2636	rVV	1305	1481	0.21%	0.019%
41	19.117	2733	2737	2738	rBV	979	1489	0.21%	0.019%
42	19.293	2765	2767	2769	rVB	1656	1497	0.22%	0.019%
43	19.399	2778	2785	2788	rBV4	4736	7191	1.04%	0.092%
44	19.463	2792	2796	2803	rBV5	5480	9108	1.31%	0.117%
45	19.592	2814	2818	2828	rBV2	30036	45695	6.58%	0.587%
46	19.745	2841	2844	2849	rVV5	3057	4264	0.61%	0.055%
47	19.827	2852	2858	2866	rVB	477103	694591	100.00%	8.925%
48	20.068	2896	2899	2900	rBV	1376	1532	0.22%	0.020%
49	20.168	2914	2916	2919	rVB2	1398	1668	0.24%	0.021%
50	20.303	2937	2939	2941	rBV2	2153	1614	0.23%	0.021%
51	20.720	3008	3010	3011	rBV2	3021	1836	0.26%	0.024%
52	20.773	3017	3019	3021	rBV3	2970	3185	0.46%	0.041%
53	20.844	3028	3031	3035	rBV4	6399	7035	1.01%	0.090%
54	21.355	3114	3118	3128	rBV3	35357	71942	10.36%	0.924%
55	21.654	3167	3169	3170	rBV2	1961	1700	0.24%	0.022%
56	21.725	3174	3181	3192	rVB	217145	370454	53.33%	4.760%
57	22.524	3314	3317	3323	rBV7	7191	11618	1.67%	0.149%
58	22.735	3351	3353	3356	rBV2	2649	2439	0.35%	0.031%
59	22.835	3368	3370	3371	rBV2	3011	2017	0.29%	0.026%
60	23.052	3405	3407	3409	rBV2	1831	1567	0.23%	0.020%
61	23.205	3431	3433	3434	rBV	3236	2497	0.36%	0.032%
62	23.235	3434	3438	3440	rVV5	4492	6566	0.95%	0.084%
63	23.334	3453	3455	3458	rBV4	2373	3059	0.44%	0.039%
64	23.699	3515	3517	3519	rBV2	2847	2459	0.35%	0.032%
65	23.857	3542	3544	3546	rVB3	3644	2476	0.36%	0.032%
66	24.016	3570	3571	3572	rBV	3507	1655	0.24%	0.021%
67	24.045	3572	3576	3586	rVB8	12391	27988	4.03%	0.360%
68	24.621	3672	3674	3676	rBV2	2603	1775	0.26%	0.023%
69	24.686	3681	3685	3687	rBV5	3176	3982	0.57%	0.051%
70	24.768	3689	3699	3711	rBV	243101	687139	98.93%	8.830%
71	24.879	3716	3718	3721	rVB3	2995	2243	0.32%	0.029%
72	24.997	3728	3738	3752	rVB2	125965	374825	53.96%	4.816%
73	25.126	3758	3760	3763	rVB4	2318	2075	0.30%	0.027%
74	25.543	3829	3831	3834	rBV3	2153	2217	0.32%	0.028%
75	25.655	3848	3850	3852	rBV2	3244	2693	0.39%	0.035%
76	25.825	3877	3879	3880	rBV2	2225	1917	0.28%	0.025%

LSC Area Percent Report

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Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

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-BG072421.M
Title : SVOA CALIBRATION

77	26.007	3908	3910	3913	rBV2	1806	1720	0.25%	0.022%
78	26.131	3929	3931	3932	rBV2	2824	1839	0.26%	0.024%
79	26.178	3934	3939	3949	rVB2	12741	37498	5.40%	0.482%
80	26.307	3960	3961	3963	rBV2	2959	2311	0.33%	0.030%
81	26.971	4070	4074	4076	rBV4	3023	3394	0.49%	0.044%
82	27.411	4146	4149	4150	rBV3	2016	2157	0.31%	0.028%
83	27.523	4167	4168	4169	rBV	3656	1979	0.28%	0.025%
84	27.564	4169	4175	4183	rVB10	9855	28715	4.13%	0.369%
85	27.652	4188	4190	4193	rBV2	2029	1879	0.27%	0.024%
86	27.834	4219	4221	4223	rVB3	2723	1597	0.23%	0.021%
87	27.887	4226	4230	4231	rBV3	2026	2546	0.37%	0.033%
88	28.104	4265	4267	4269	rBV3	2512	1747	0.25%	0.022%
89	28.322	4301	4304	4306	rBV3	2157	2443	0.35%	0.031%
90	28.698	4366	4368	4369	rVB2	2916	1526	0.22%	0.020%
91	29.226	4454	4458	4460	rBV4	5163	7899	1.14%	0.101%
92	29.567	4514	4516	4518	rBV3	1932	1789	0.26%	0.023%
93	29.632	4525	4527	4529	rBV2	2152	2174	0.31%	0.028%
94	30.102	4605	4607	4609	rBV3	3836	2552	0.37%	0.033%
95	30.707	4708	4710	4712	rBV2	2115	1927	0.28%	0.025%
96	31.012	4760	4762	4763	rBV	3236	1846	0.27%	0.024%
97	31.059	4768	4770	4771	rBV2	1873	1494	0.22%	0.019%
98	31.100	4776	4777	4780	rBV3	2235	2008	0.29%	0.026%
99	31.359	4818	4821	4822	rBV3	2356	2366	0.34%	0.030%
100	31.923	4915	4917	4919	rBV3	1922	1479	0.21%	0.019%

Sum of corrected areas: 7782309

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
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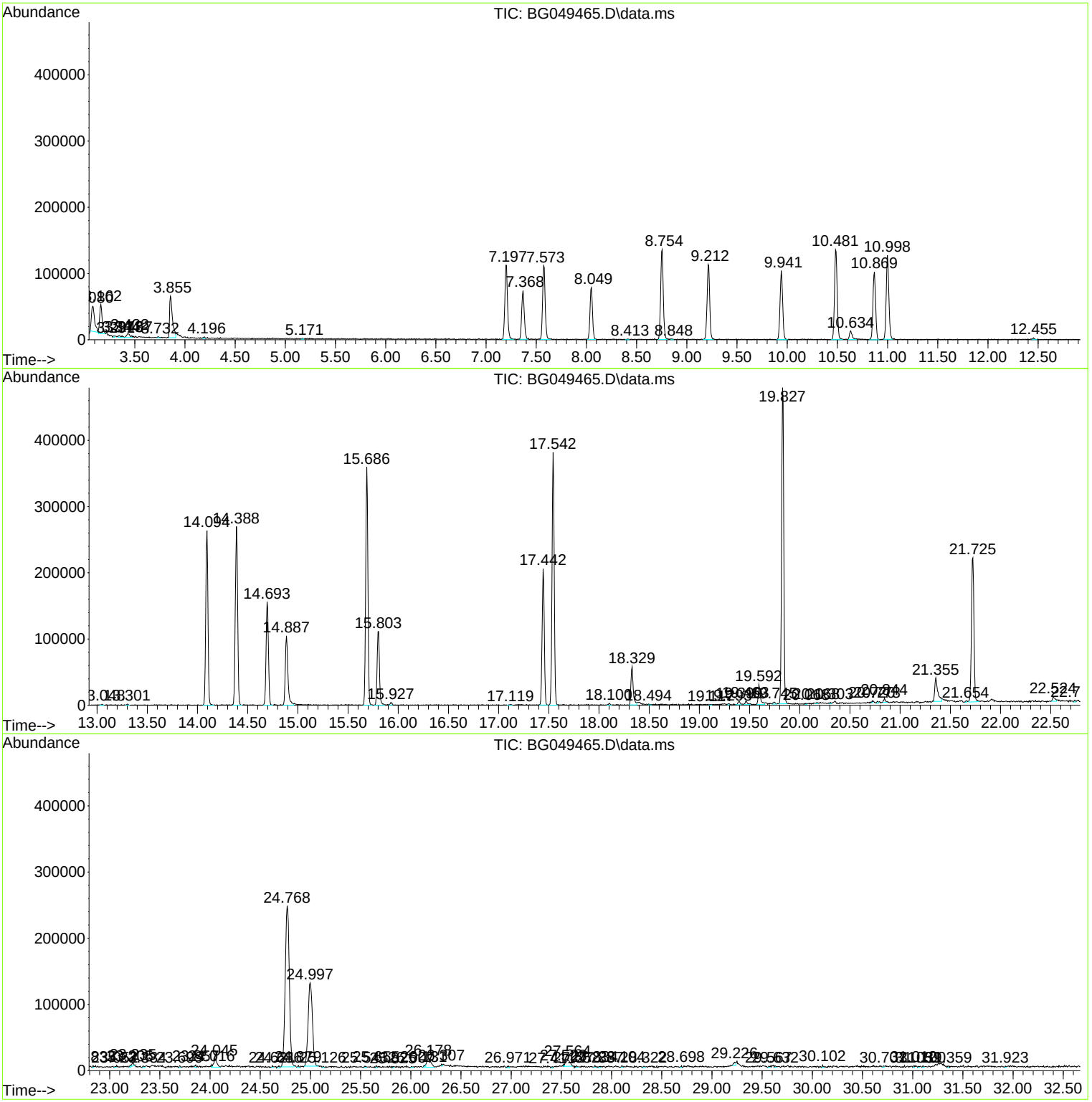
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE4

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\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE4

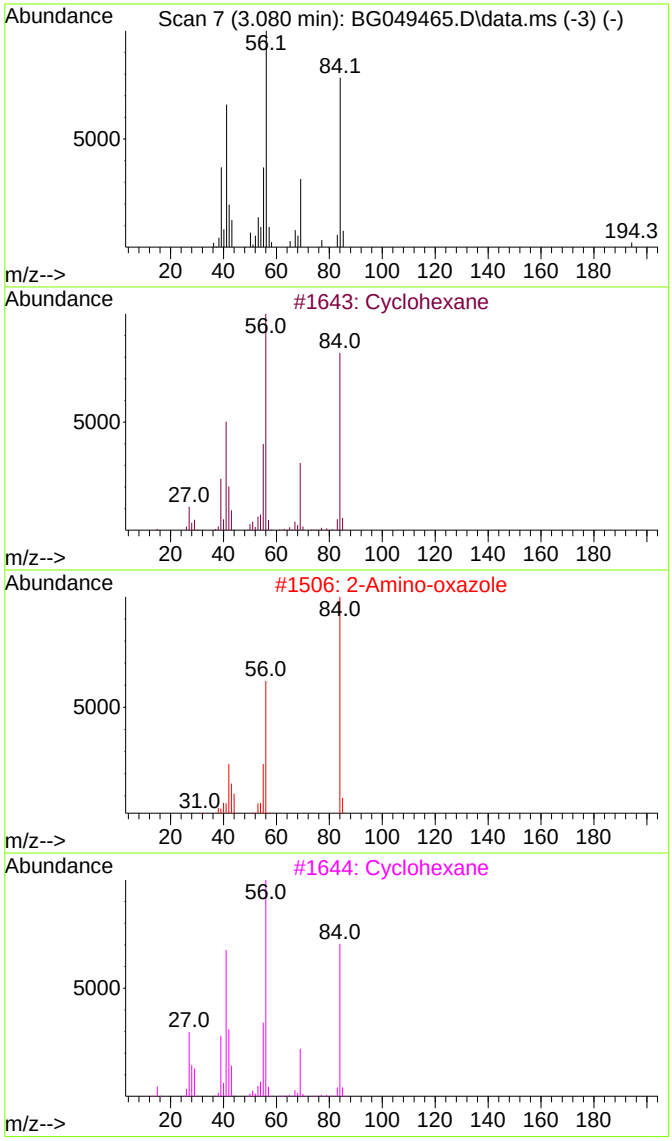
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

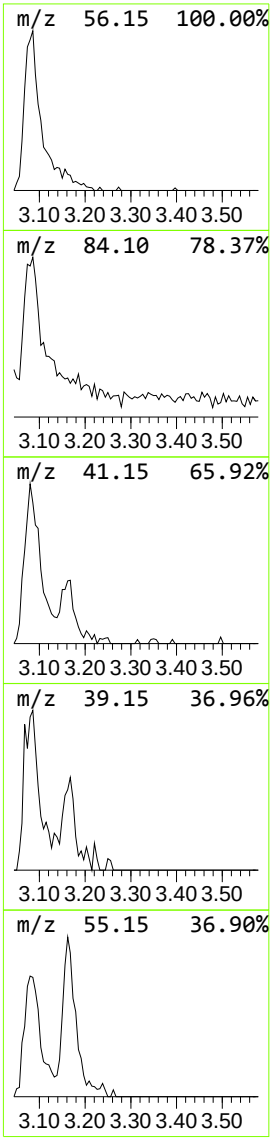
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.080 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.080	12.16 ng/ul	83970	1,4-Dichlorobenzene-d4	8.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	2-Amino-oxazole	84	C3H4N2O	004570-45-0	86
3	Cyclohexane	84	C6H12	000110-82-7	80
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\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE4

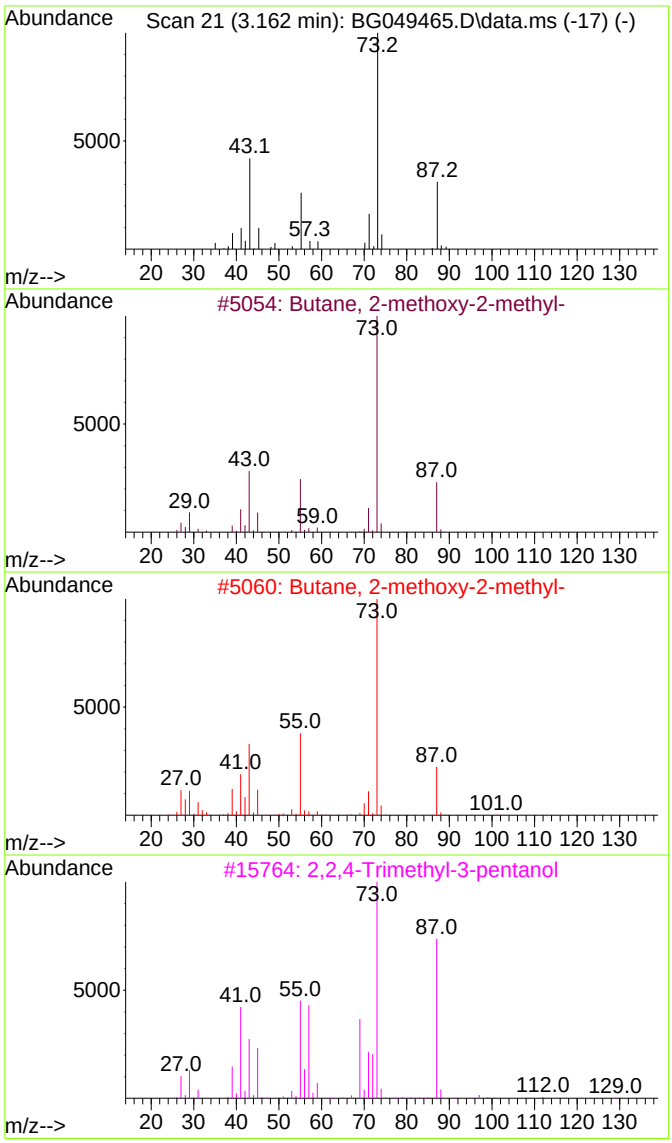
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

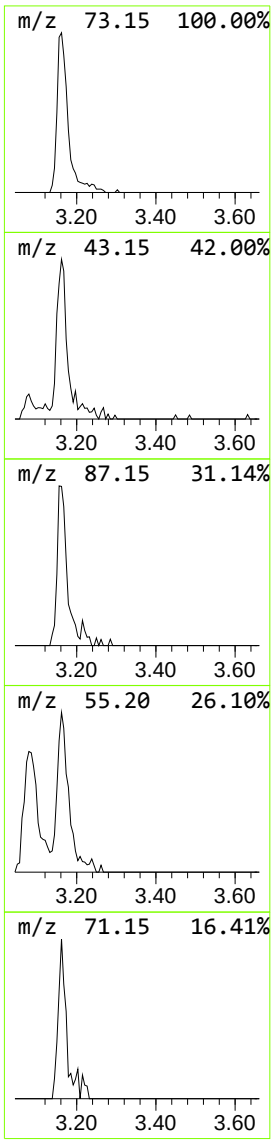
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.162	10.93 ng/ul	75438	1,4-Dichlorobenzene-d4	8.049

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	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	45
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

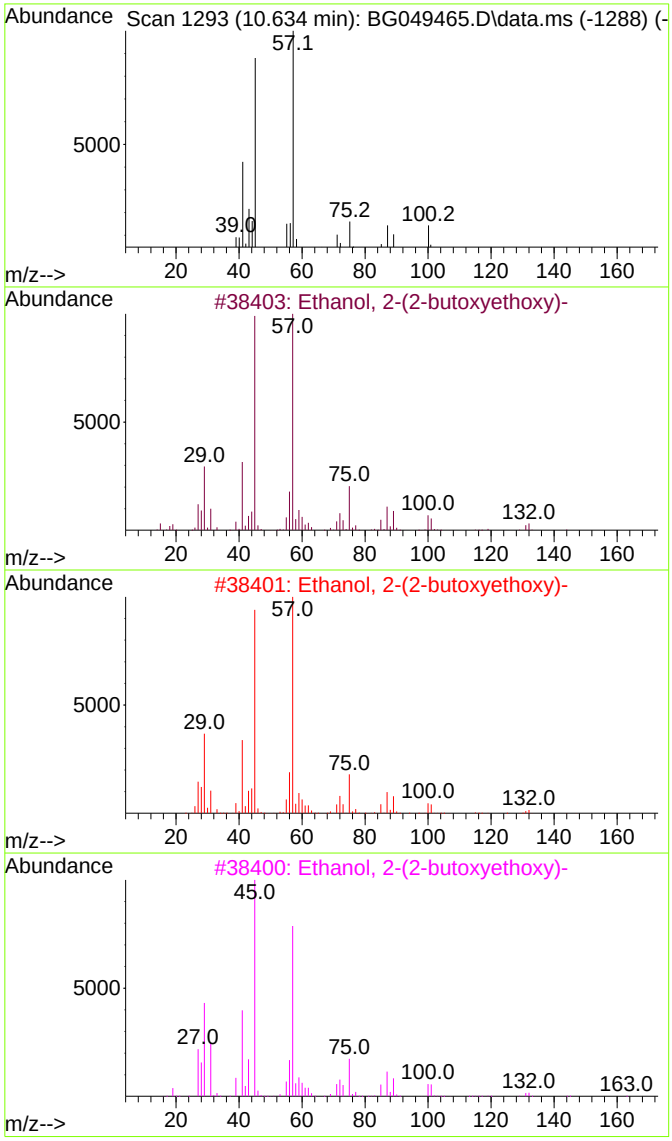
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

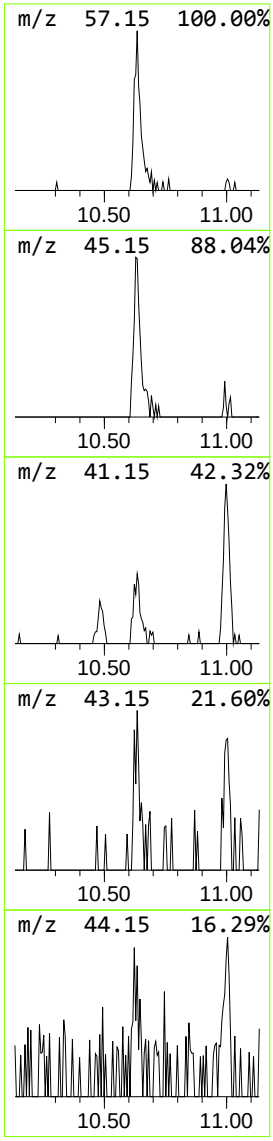
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	2.59 ng/ul	24405	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE4

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

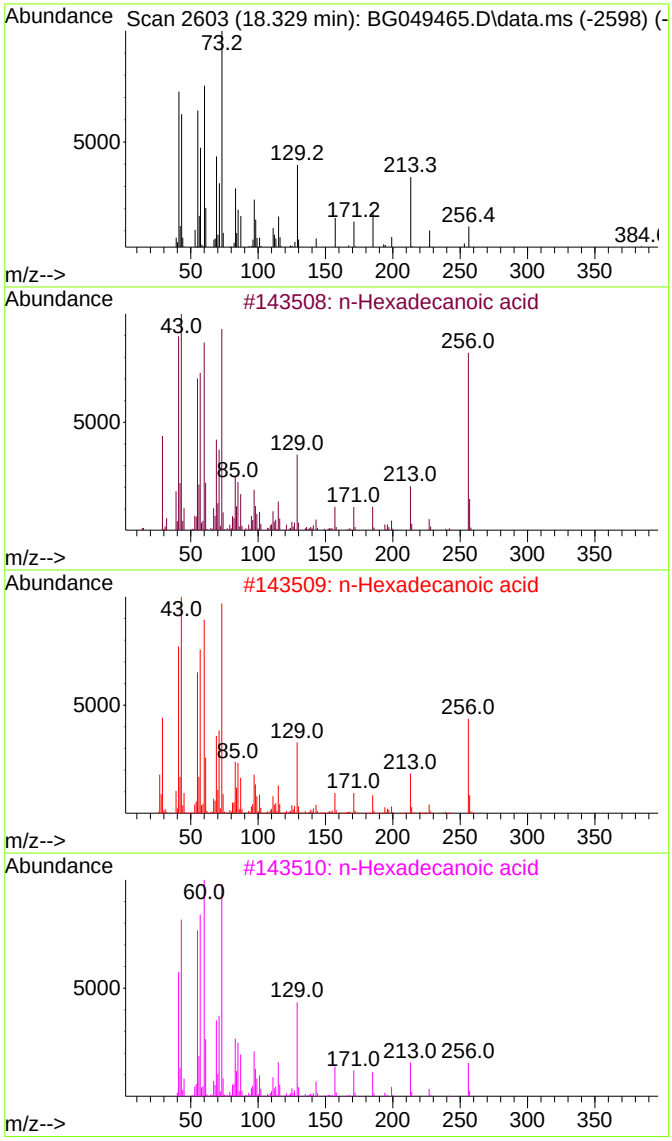
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

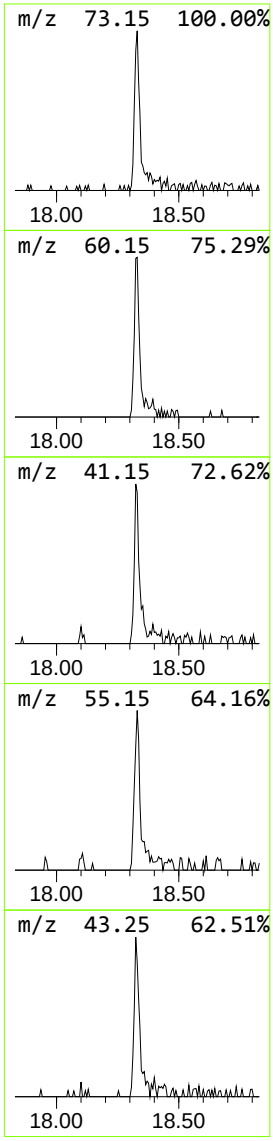
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	5.81 ng/ul	89180	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	95
5	n-Decanoic acid	172	C10H20O2	000334-48-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

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

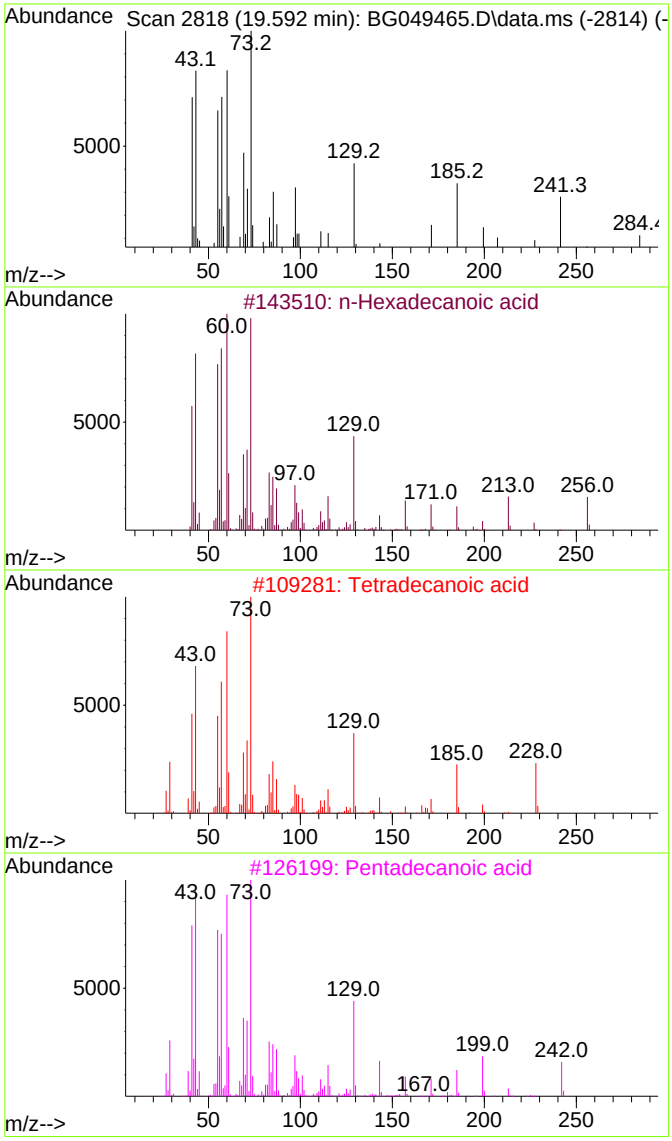
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

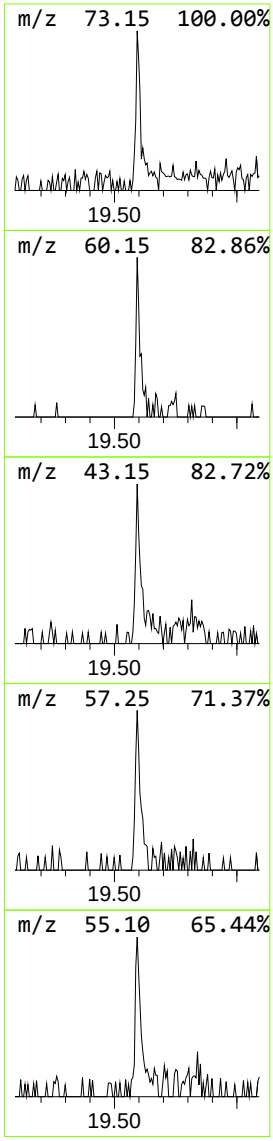
****

Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.592	2.47 ng/ul	45695	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEE4

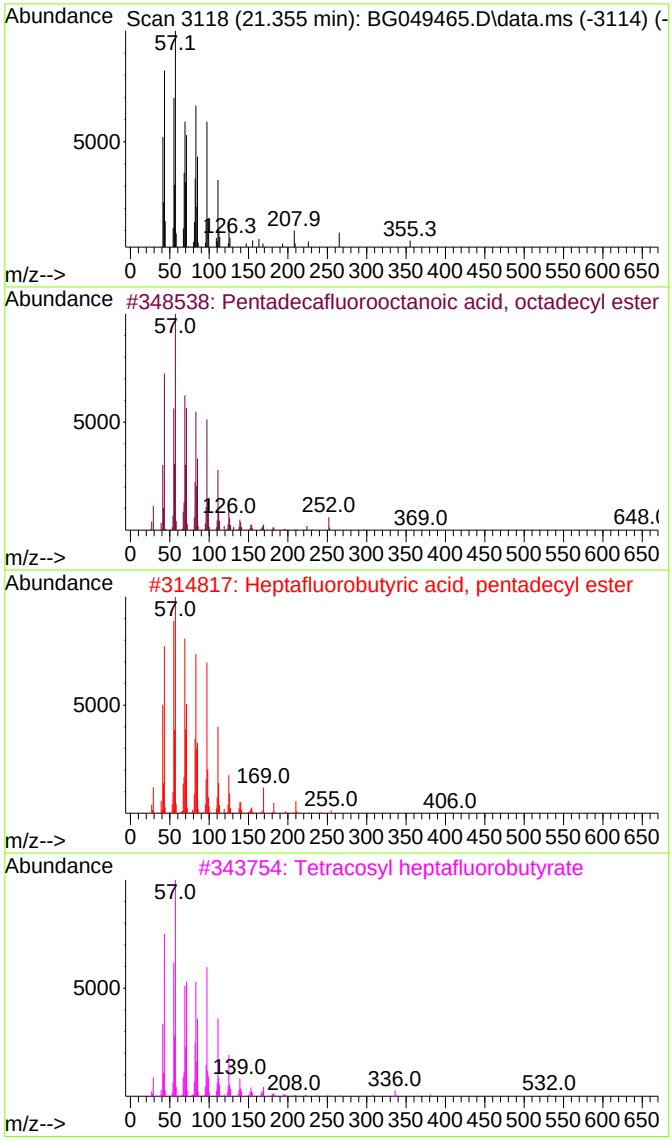
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

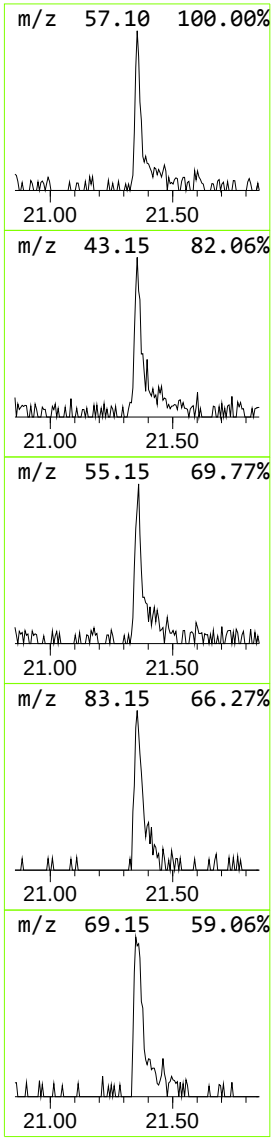
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.355	3.88 ng/ul	71942	Chrysene-d12	21.725

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	87
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

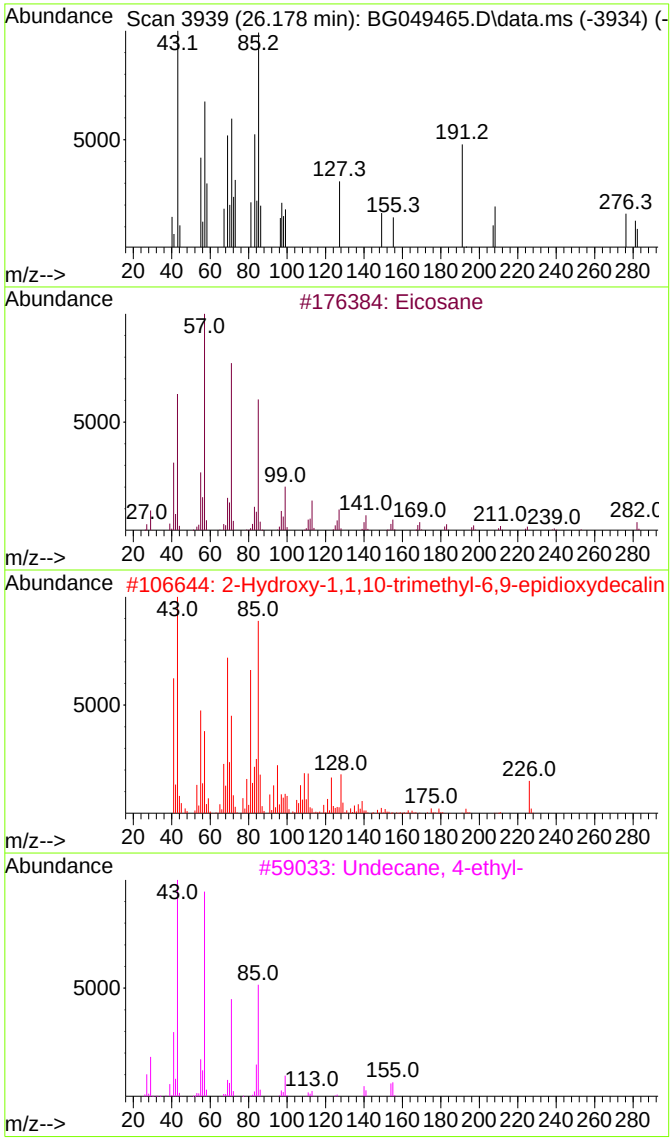
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

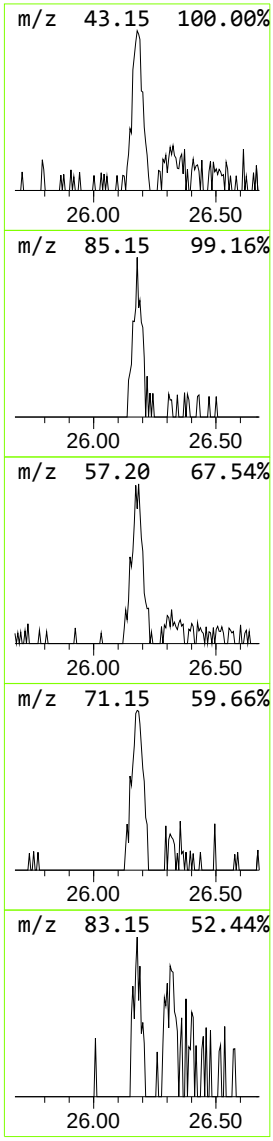
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.178	2.00 ng/ul	37498	Perylene-d12	24.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	43
2	2-Hydroxy-1,1,10-trimethyl-6,9-e...	226	C13H22O3	108511-85-9	35
3	Undecane, 4-ethyl-	184	C13H28	017312-59-3	27
4	1-Pentanol, 2,3-dimethyl-	116	C7H16O	010143-23-4	27
5	3,3-Dimethylnonadecane	296	C21H44	1000360-43-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049465.D
Acq On : 25 Jul 2021 1:00
Operator : CG/JU
Sample : M3010-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEE4

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...	3.080	12.2	ng/ul	83970	1	8.049	138068	20.0
Butane, 2-metho...	3.162	10.9	ng/ul	75438	1	8.049	138068	20.0
Ethanol, 2-(2-b...	10.634	2.6	ng/ul	24405	2	10.869	188355	20.0
n-Hexadecanoic ...	18.329	5.8	ng/ul	89180	4	17.442	307187	20.0
Tetradecanoic acid	19.592	2.5	ng/ul	45695	5	21.725	370454	20.0
Pentadecafluoro...	21.355	3.9	ng/ul	71942	5	21.725	370454	20.0
(DEL) Alkane: S...	26.178	2.0	ng/ul	37498	6	24.991	374825	20.0