LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.188	12	17	32	rVB	136594	218521	7.66%	1.459%
2	5.608	422	429	443	rBV	487639	852844	29.90%	5.695%
3	7.207	691	701	719	rBV	520904	1025777	35.96%	6.850%
4	7.565	754	762	782	rVB	523371	976278	34.23%	6.520%
5	8.017	832	839	848	rBV	134861	248701	8.72%	1.661%
6	8.346	887	895	909	rBV	416813	757031	26.54%	5.055%
7	9.187	1029	1038	1054	rBV	263129	582401	20.42%	3.889%
8	10.826	1310	1317	1328	rBV	139023	300806	10.55%	2.009%
9	13.270	1726	1733	1746	rBV	914918	1555083	54.52%	10.385%
10	14.098	1864	1874	1892	rBV	95056	185457	6.50%	1.238%
11	14.651	1961	1968	1978	rBV	295881	504702	17.69%	3.370%
12	16.137	2214	2221	2237	rBV	806633	1415056	49.61%	9.450%
13	17.395	2427	2435	2451	rBV	376226	670263	23.50%	4.476%
14	17.512	2451	2455	2463	rVB4	22706	35791	1.25%	0.239%
15	18.282	2581	2586	2595	rBV3	40833	81102	2.84%	0.542%
16	19.134	2725	2731	2738	rBV5	34544	76846	2.69%	0.513%
17	19.451	2778	2785	2789	rBV3	19706	30228	1.06%	0.202%
18	20.003	2873	2879	2900	rBV	2000663	2852239	100.00%	19.047%
19	20.303	2923	2930	2933	rBV3	33412	47640	1.67%	0.318%
20	20.796	3011	3014	3019	rBV2	25621	29638	1.04%	0.198%
21	21.261	3087	3093	3096	rBV	24593	51294	1.80%	0.343%
22	21.302	3096	3100	3109	rVV4	80004	216020	7.57%	1.443%
23	21.384	3109	3114	3124	rVB	90526	174264	6.11%	1.164%
24	21.660	3153	3161	3175	rBV	464023	865601	30.35%	5.780%
25	22.447	3290	3295	3299	rBV3	18840	32402	1.14%	0.216%
26	23.135	3406	3412	3418	rBV3	29797	60341	2.12%	0.403%
27	23.329	3437	3445	3450	rBV3	34636	70740	2.48%	0.472%
28	23.928	3541	3547	3553	rVB4	34969	71235	2.50%	0.476%
29	24.856	3693	3705	3721	rBV2	296107	943632	33.08%	6.301%
30	25.985	3889	3897	3903	rBV7	16257	42798	1.50%	0.286%

Sum of corrected areas: 14974731

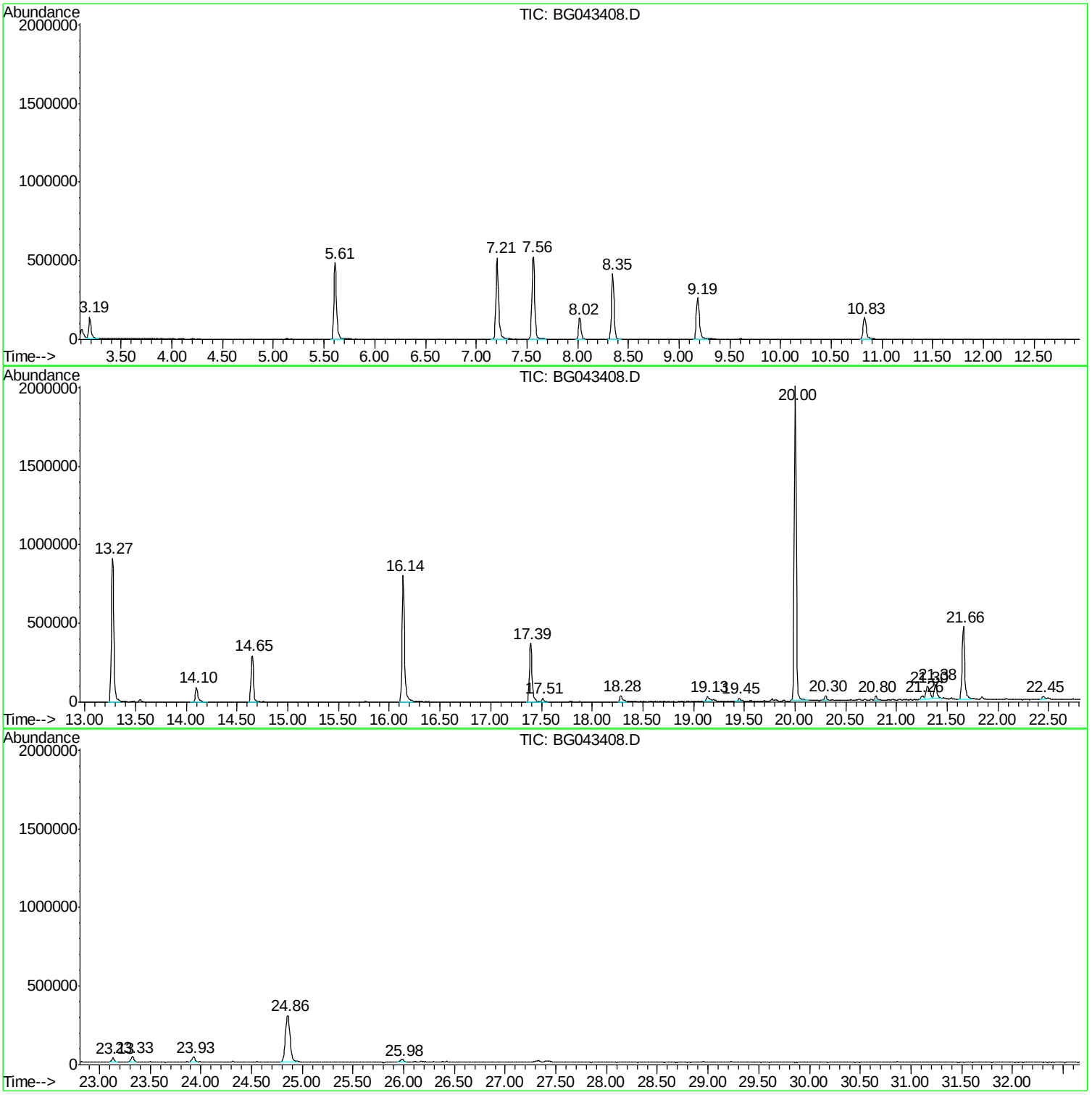
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

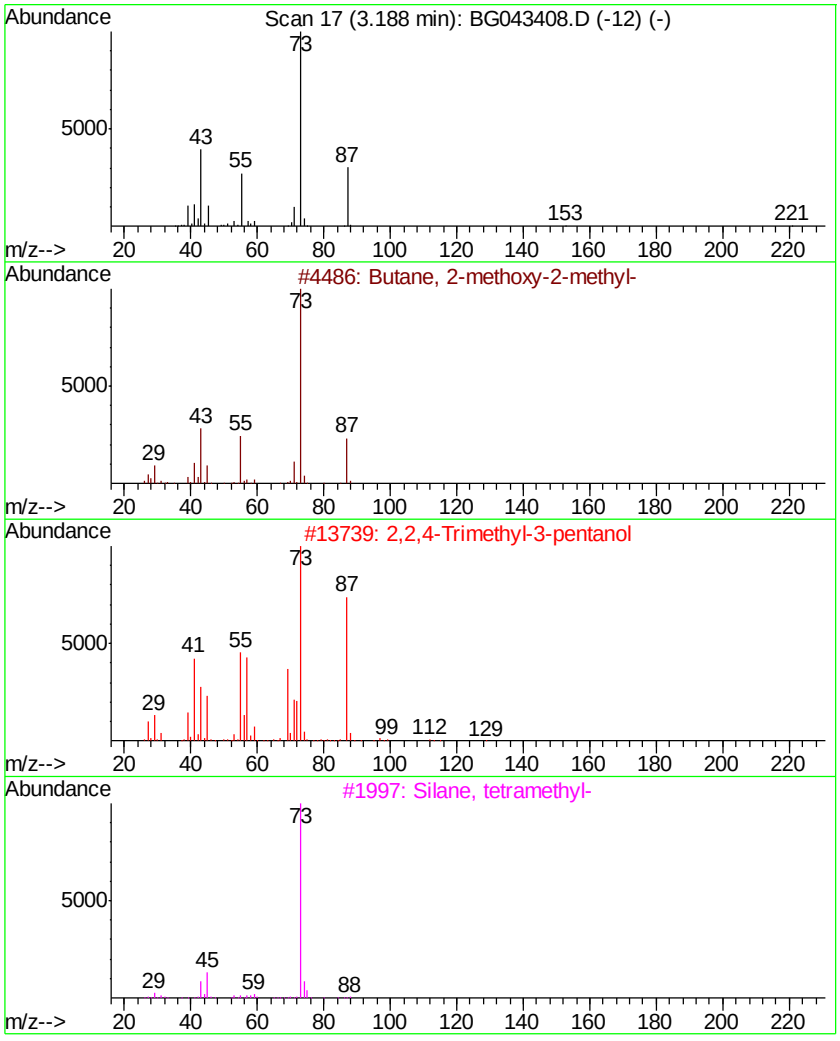
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

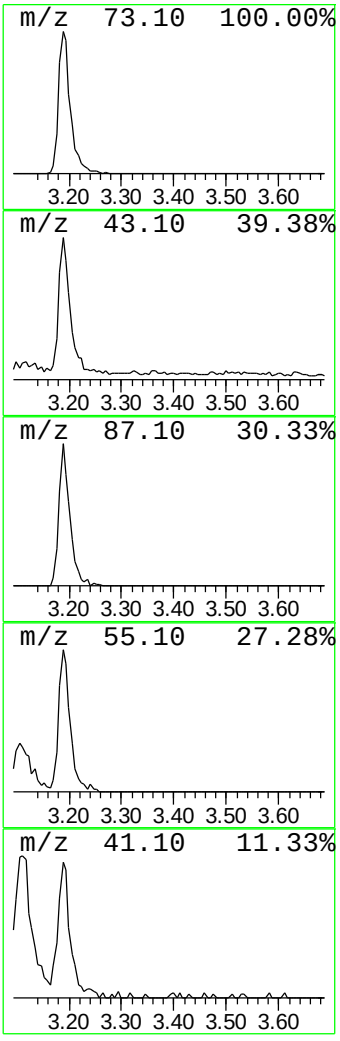
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	17.57 ng	218521	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

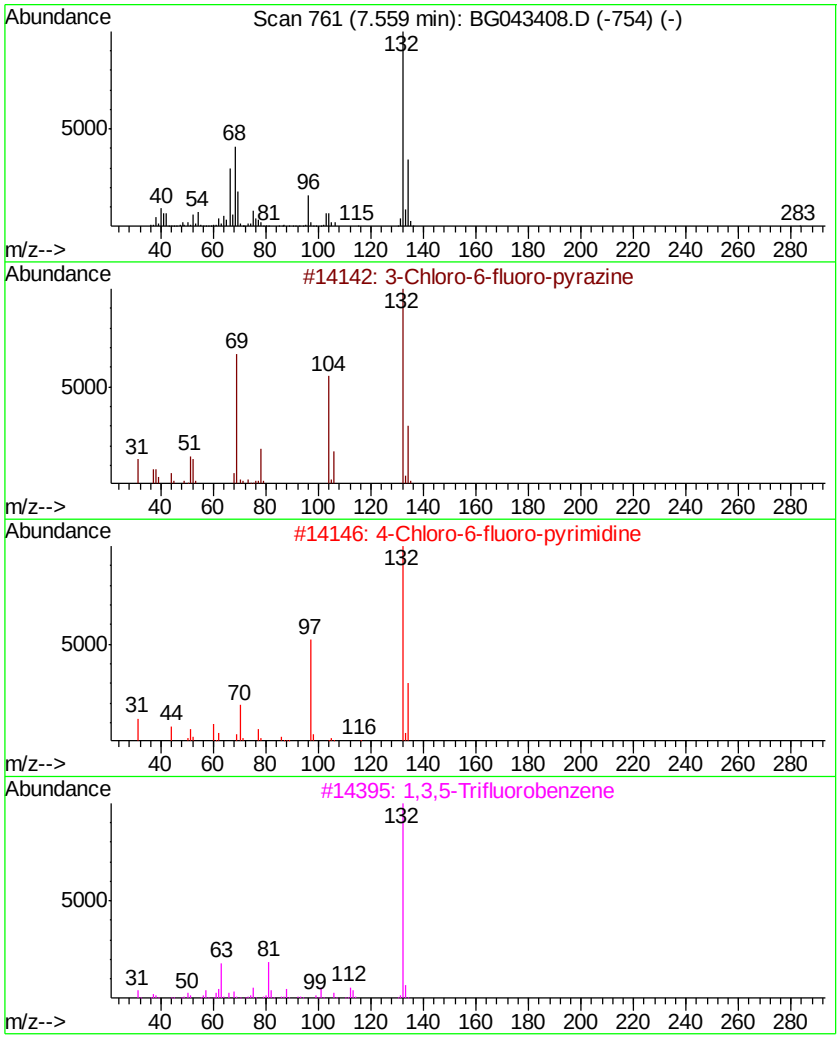
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

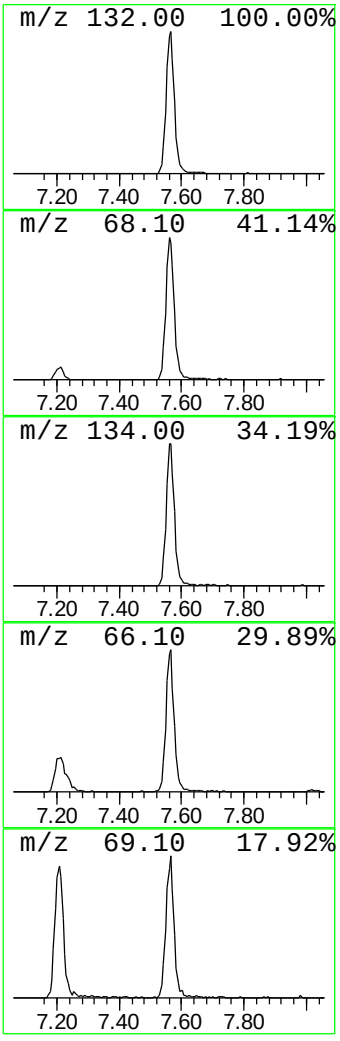
****

Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	78.51 ng	976278	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

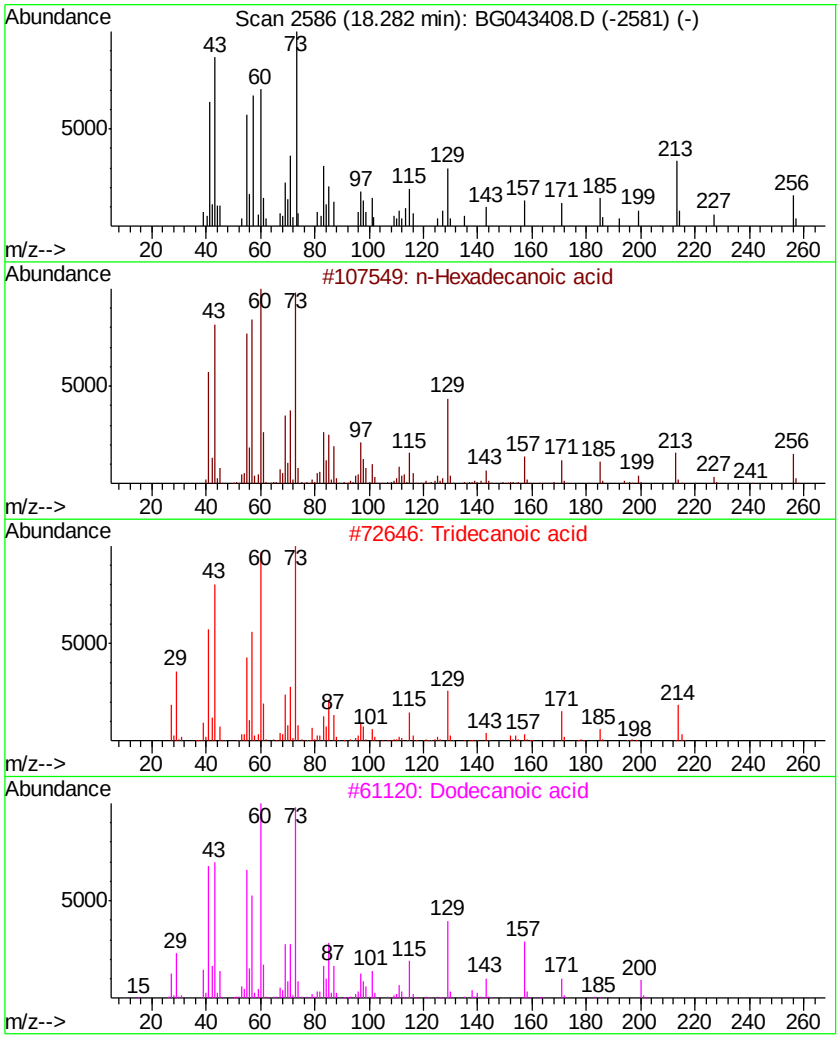
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

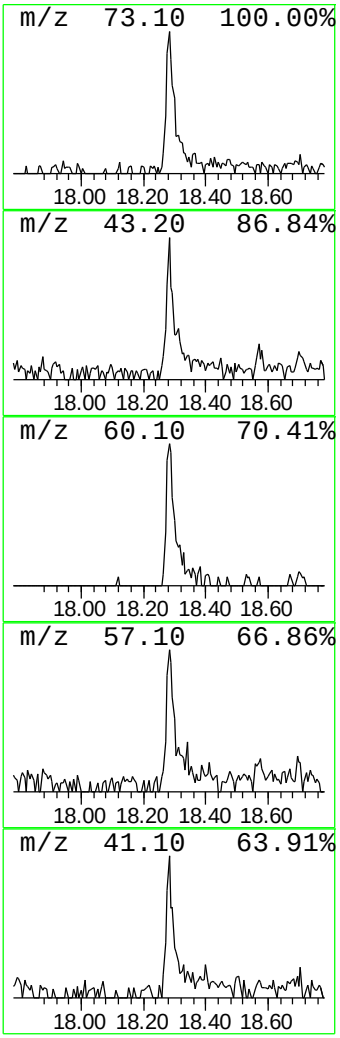
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.42 ng	81102	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

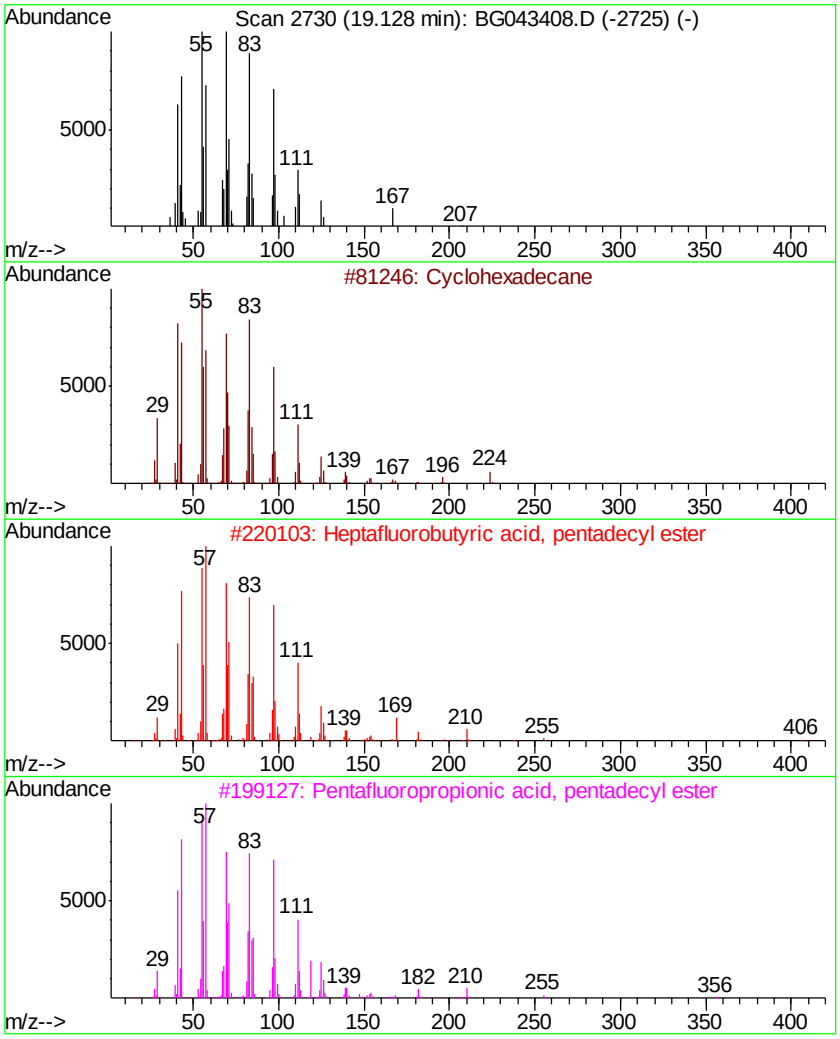
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

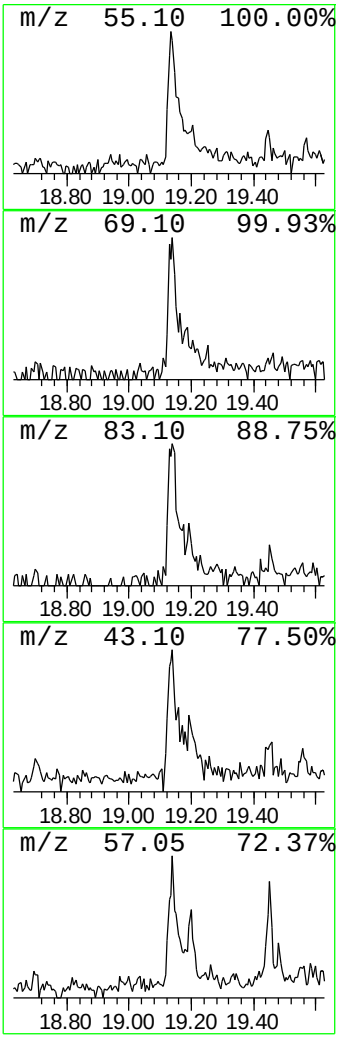
****

Peak Number 5 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.29 ng	76846	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	86
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	86
5	1-Eicosanol	298	C20H42O	000629-96-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

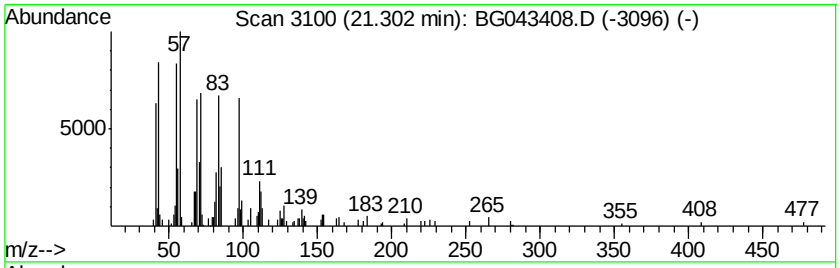
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

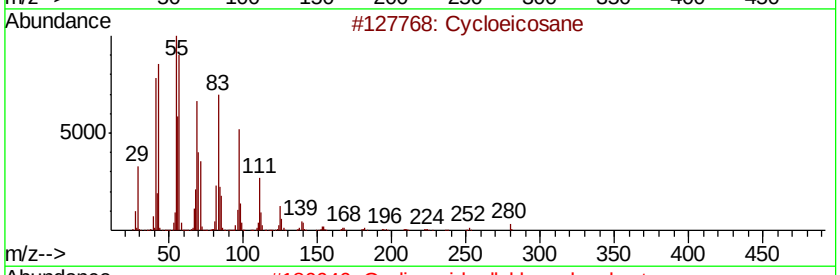
****

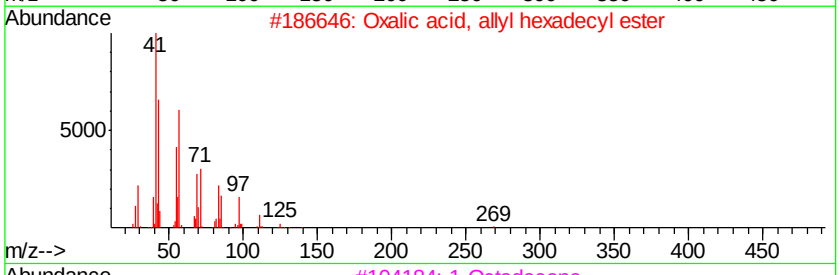
Peak Number 6 Cycloeicosane Concentration Rank 4

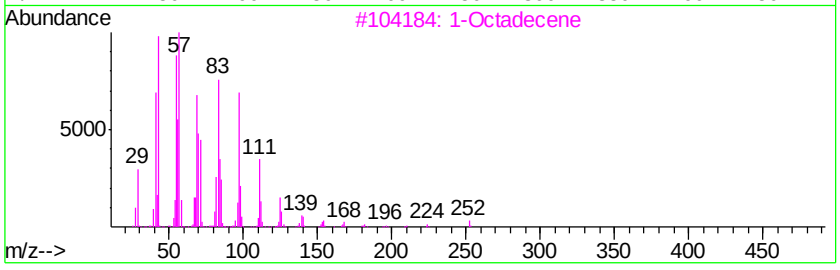
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.99 ng	216020	Chrysene-d12	21.66

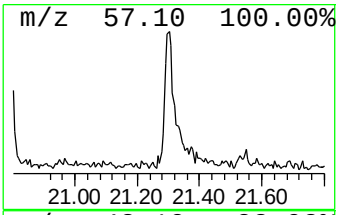
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	76
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	72
3	1-Octadecene	252	C18H36	000112-88-9	64
4	2-Hexadecene, 2,6,10,14-tetramet...	280	C20H40	056554-34-8	60
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	58

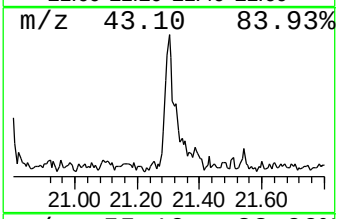


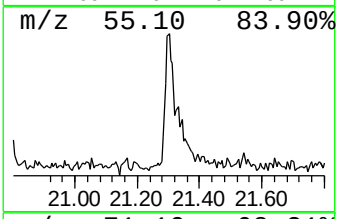


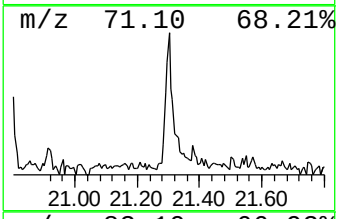


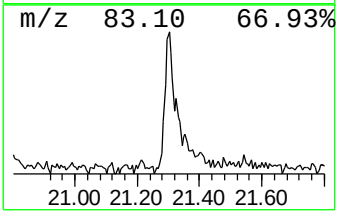












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

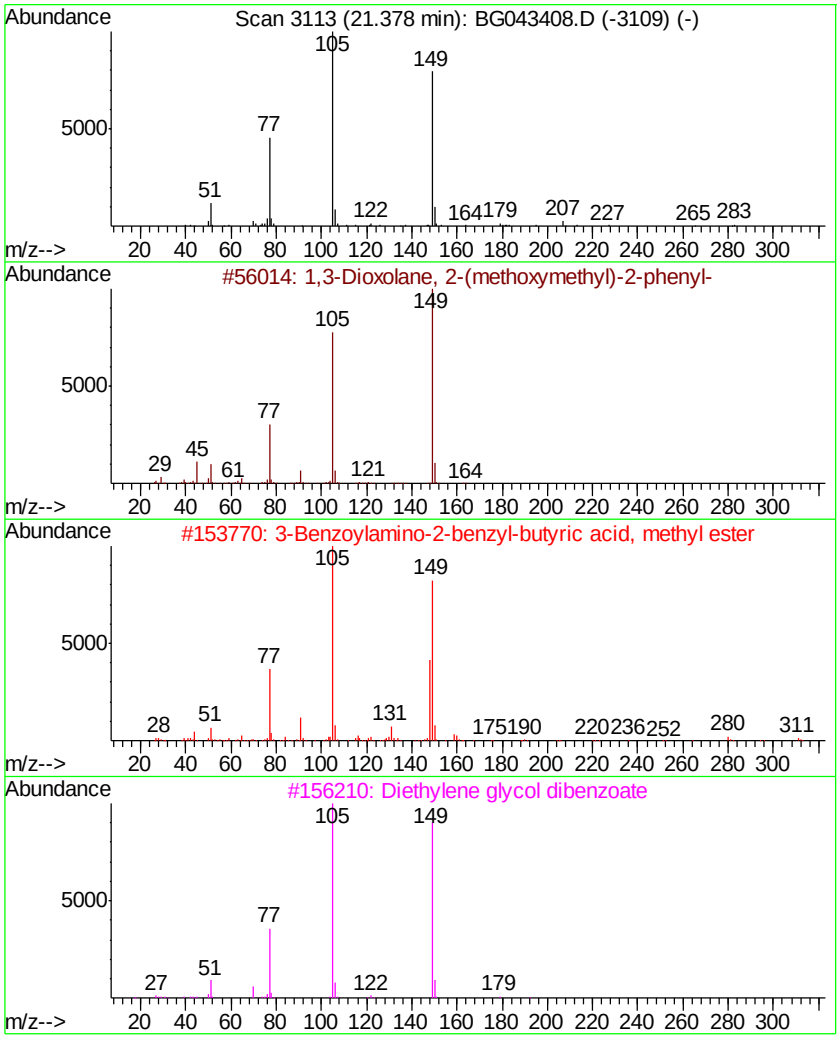
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

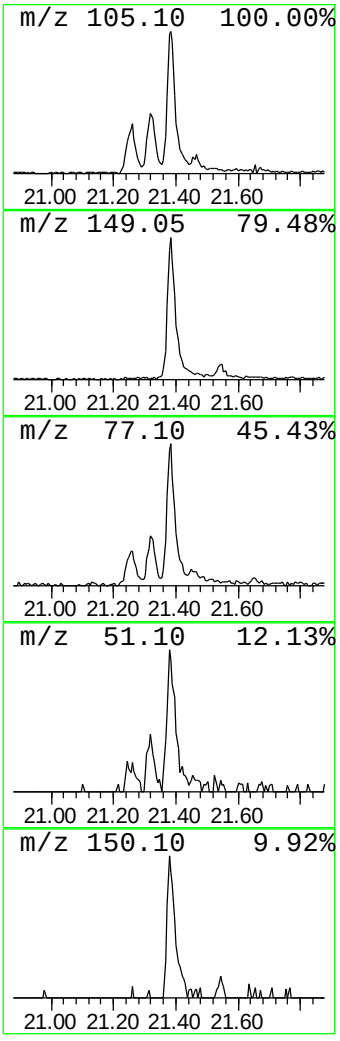
****

Peak Number 7 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	4.03 ng	174264	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	83
2	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	78
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47
5	Crotonic acid, 2-benzamido-, met...	219	C12H13NO3	105909-91-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103019\
Data File : BG043408.D
Acq On : 30 Oct 2019 19:54
Operator : JU
Sample : K5501-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	17.6	ng	218521	1	8.02	248701	20.0
unknown7.56	7.56	78.5	ng	976278	1	8.02	248701	20.0
n-Hexadecanoic acid	18.28	2.4	ng	81102	4	17.39	670263	20.0
Cyclohexadecane	19.13	2.3	ng	76846	4	17.39	670263	20.0
Cycloeicosane	21.30	5.0	ng	216020	5	21.66	865601	20.0
1,3-Dioxolane, 2-...	21.38	4.0	ng	174264	5	21.66	865601	20.0