LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044883.D
Acq On : 19 Mar 2020 3:45
Operator : CG/JU
Sample : L1920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

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-BG031020.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	3.147	3	10	19	rBV	81956	191801	3.86%	0.739%
2	3.224	19	23	29	rVB	38867	63595	1.28%	0.245%
3	5.615	423	430	440	rBV	1149506	1922711	38.67%	7.404%
4	7.201	688	700	711	rBV	1143249	2079885	41.83%	8.009%
5	8.041	835	843	851	rVB	247688	442088	8.89%	1.702%
6	8.370	890	899	907	rBV	881358	1608682	32.36%	6.195%
7	9.199	1032	1040	1048	rBV	733898	1342923	27.01%	5.171%
8	10.850	1311	1321	1332	rBV	319906	596716	12.00%	2.298%
9	13.300	1730	1738	1748	rBV	1875711	2971162	59.76%	11.441%
10	14.123	1871	1878	1883	rBV	114860	175303	3.53%	0.675%
11	14.675	1962	1972	1982	rBV	499334	821592	16.53%	3.164%
12	16.161	2217	2225	2242	rBV	1585028	2530259	50.89%	9.743%
13	17.419	2431	2439	2449	rBV	688618	1075651	21.64%	4.142%
14	18.318	2586	2592	2600	rBV2	151795	242038	4.87%	0.932%
15	19.587	2800	2808	2815	rBV6	27655	51379	1.03%	0.198%
16	20.033	2877	2884	2891	rBV	3530547	4971805	100.00%	19.145%
17	21.343	3102	3107	3120	rBV	535843	883718	17.77%	3.403%
18	21.684	3158	3165	3171	rBV	802500	1294542	26.04%	4.985%
19	21.908	3199	3203	3209	rBV3	39676	71116	1.43%	0.274%
20	22.536	3302	3310	3324	rBV3	166364	402264	8.09%	1.549%
21	23.224	3421	3427	3432	rBV	46671	101031	2.03%	0.389%
22	23.412	3454	3459	3465	rVB2	52941	98287	1.98%	0.378%
23	24.034	3558	3565	3570	rBV3	72178	163161	3.28%	0.628%
24	24.886	3698	3710	3721	rBV	468932	1351307	27.18%	5.204%
25	24.992	3723	3728	3737	rVB5	41864	99598	2.00%	0.384%
26	26.126	3914	3921	3930	rVB5	45946	121529	2.44%	0.468%
27	26.238	3930	3940	3956	rBV8	76229	294973	5.93%	1.136%

Sum of corrected areas: 25969116

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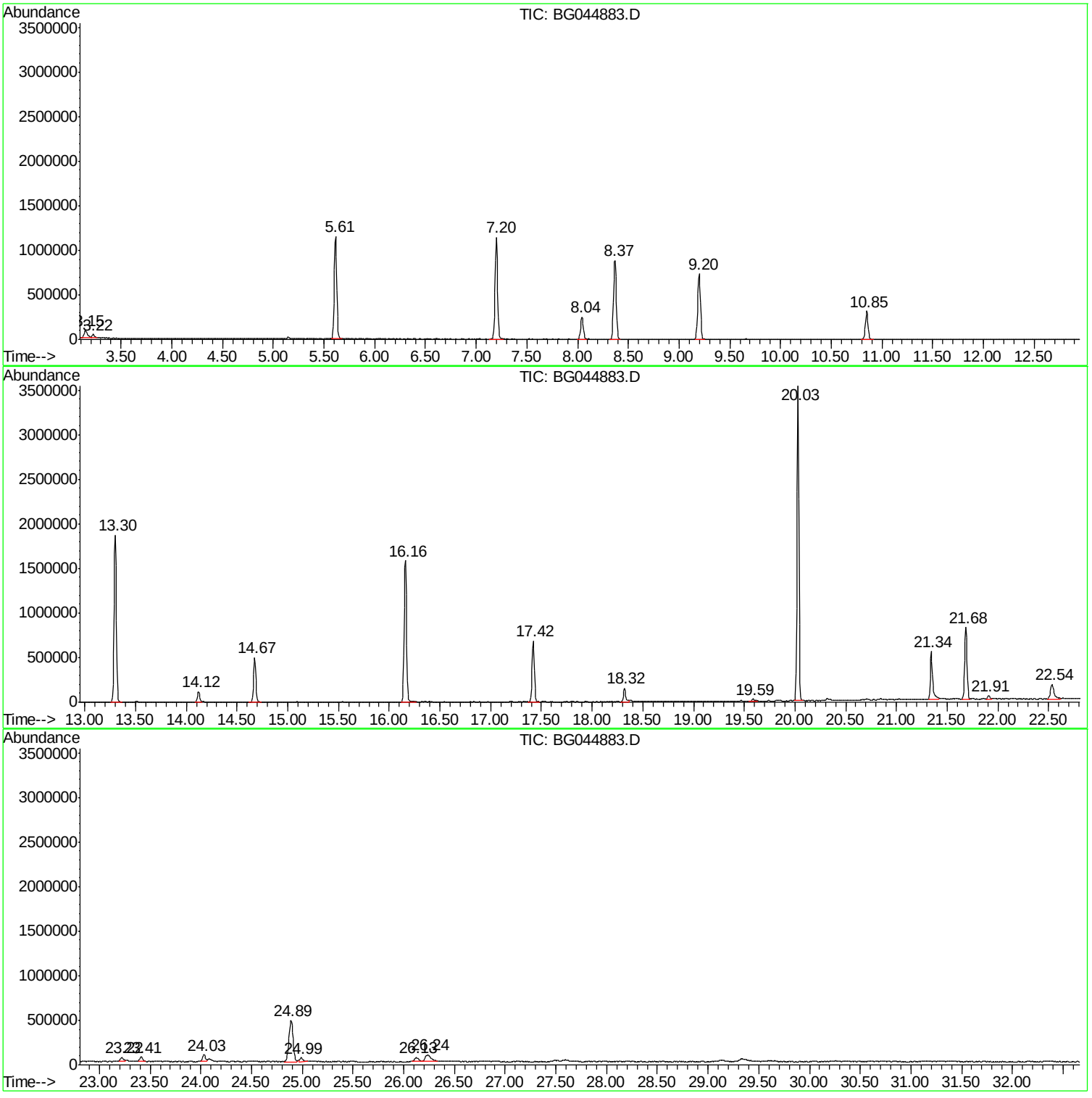
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

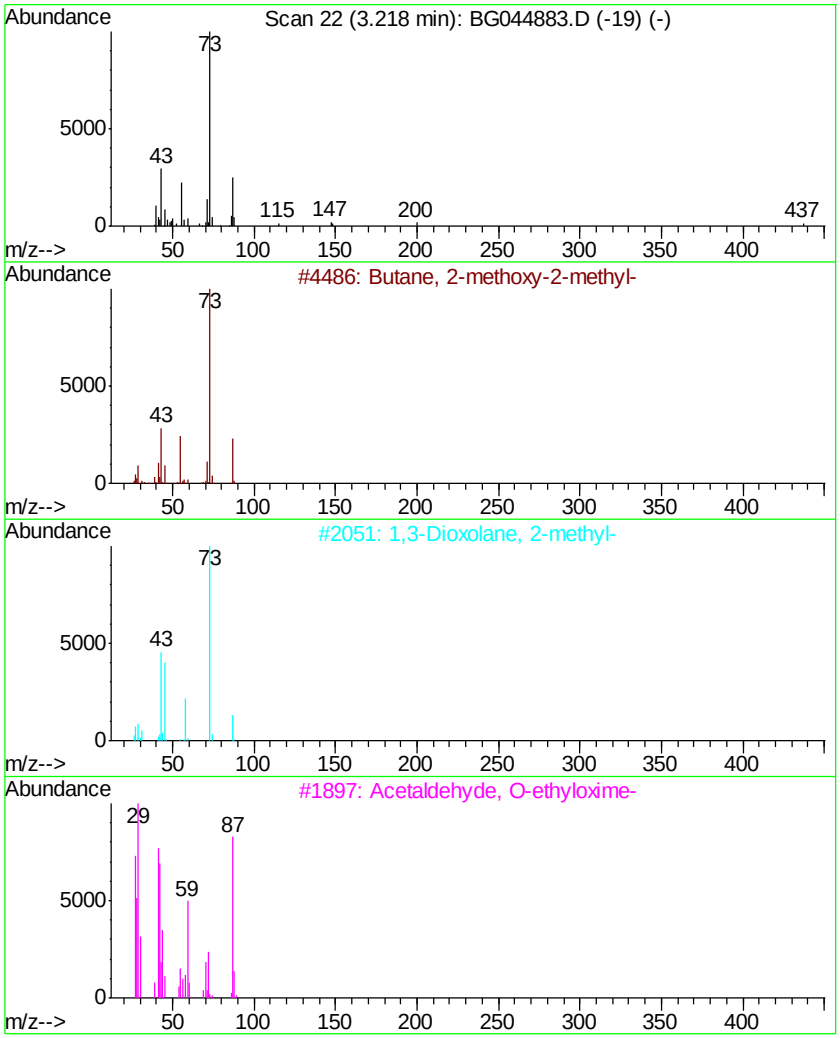
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

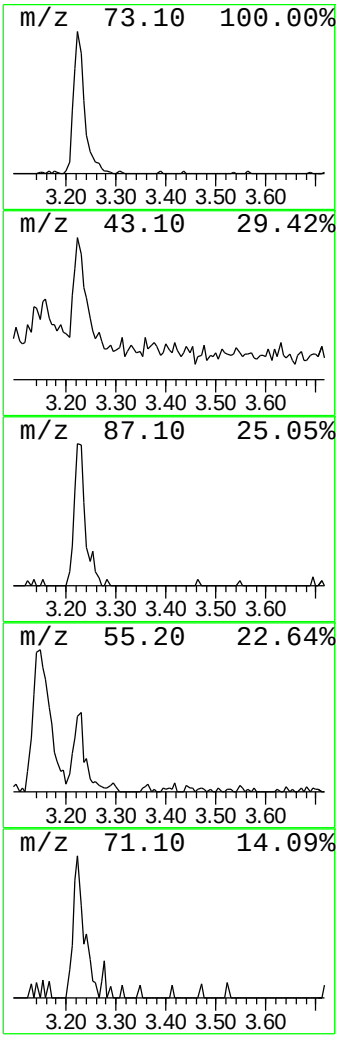
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	2.88 ng	63595	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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Data File : BG044883.D
Acq On : 19 Mar 2020 3:45
Operator : CG/JU
Sample : L1920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

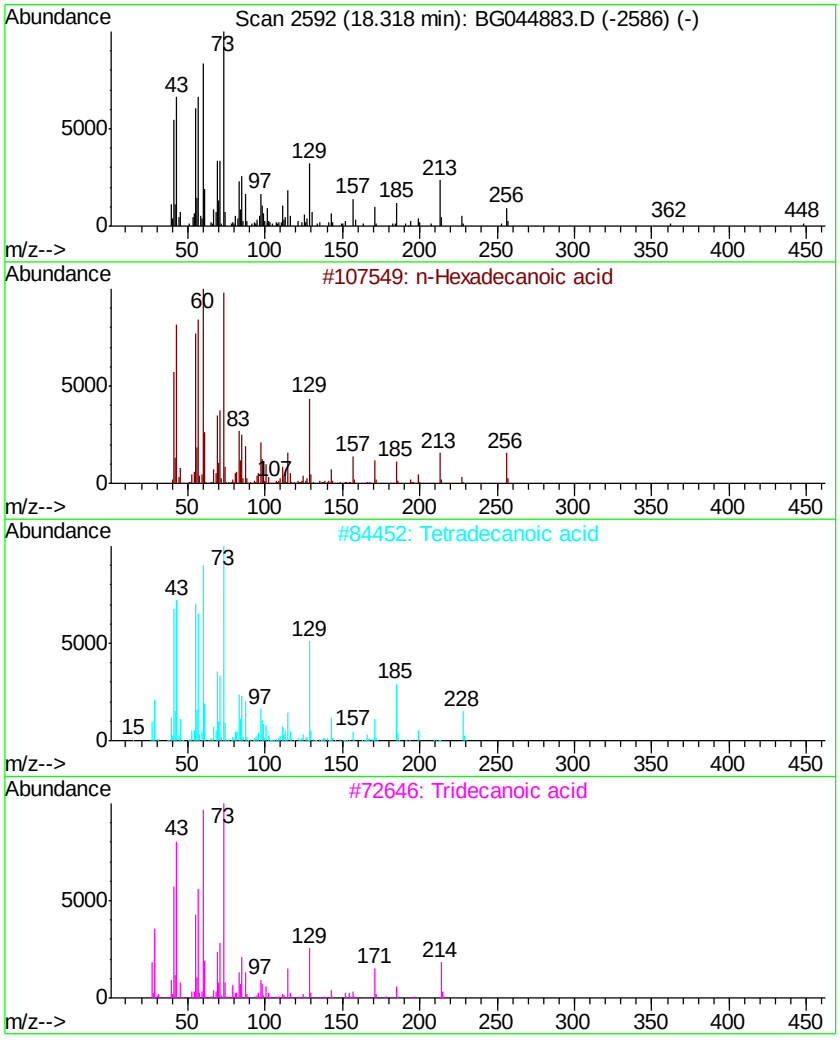
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

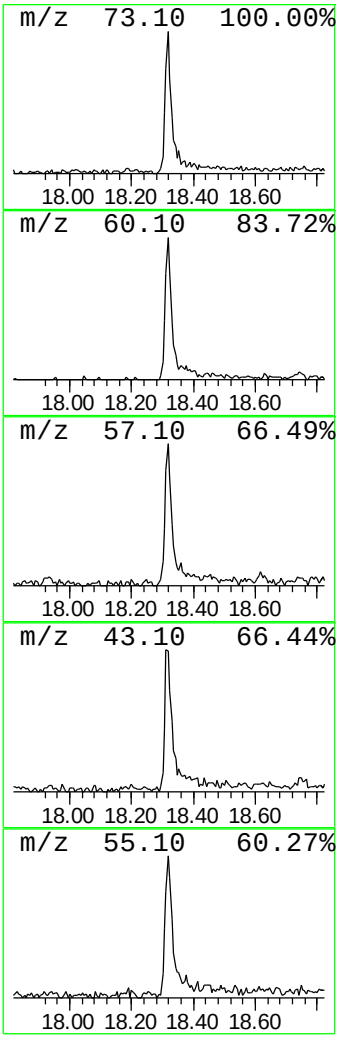
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.50 ng	242038	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044883.D
Acq On : 19 Mar 2020 3:45
Operator : CG/JU
Sample : L1920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

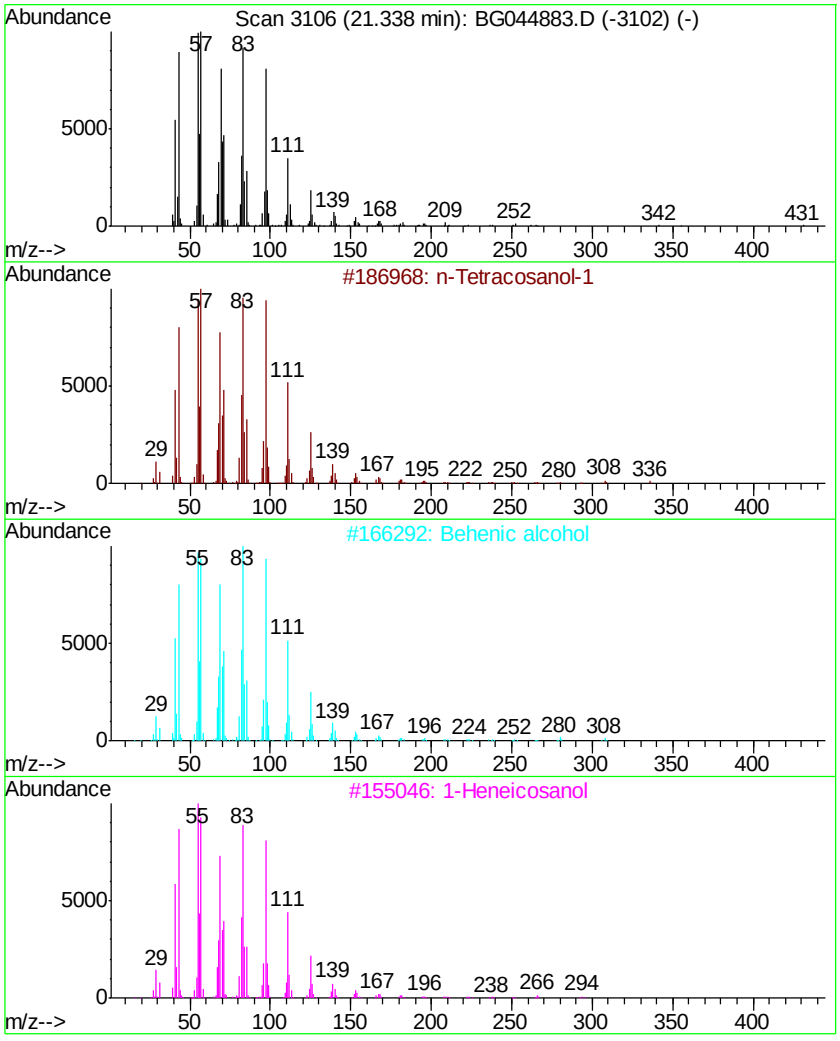
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

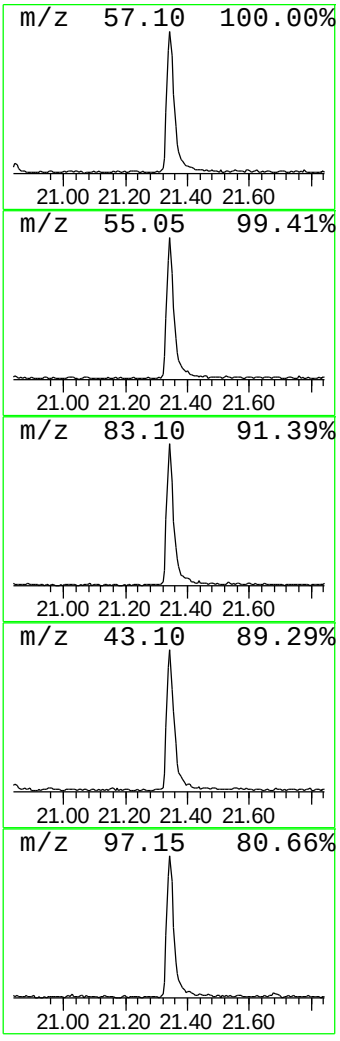
****

Peak Number 5 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	13.65 ng	883718	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Acq On : 19 Mar 2020 3:45
Operator : CG/JU
Sample : L1920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

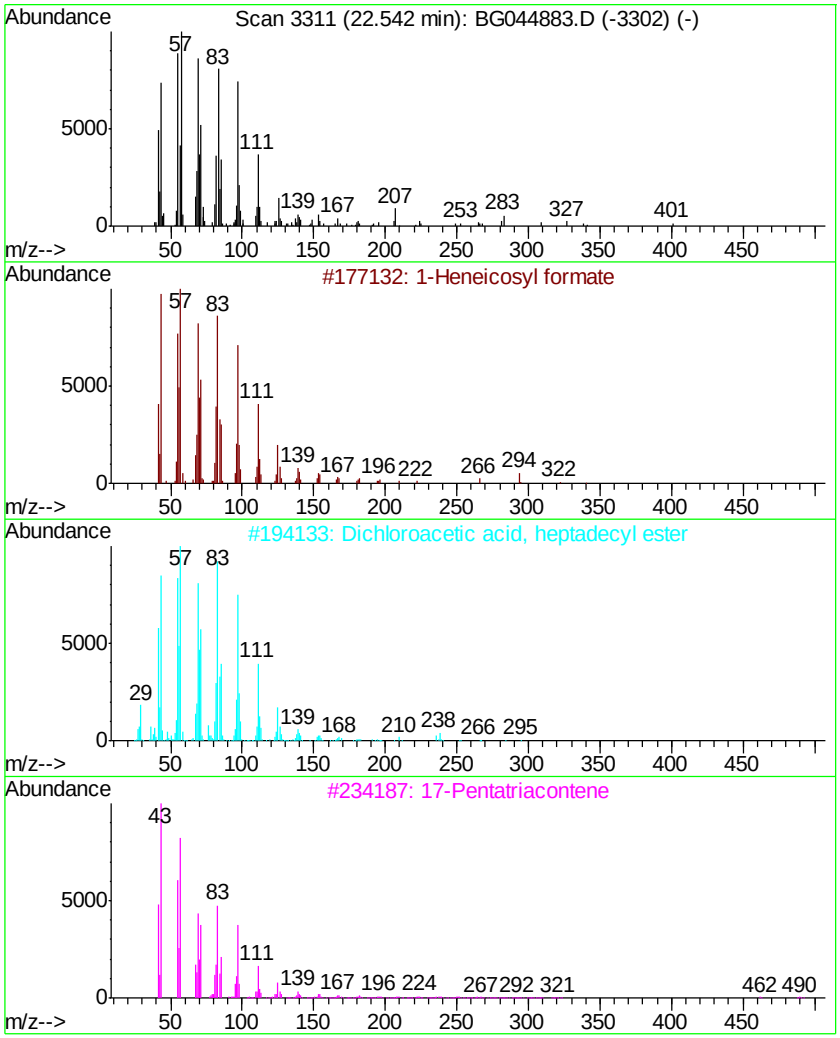
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

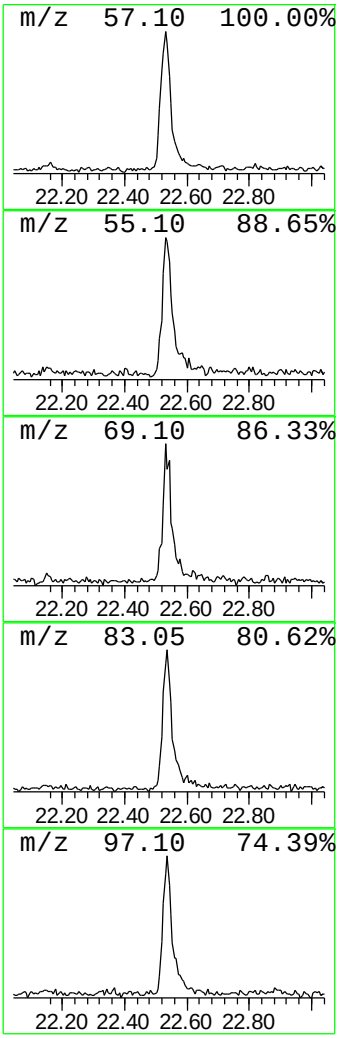
****

Peak Number 6 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	6.21 ng	402264	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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Operator : CG/JU
Sample : L1920-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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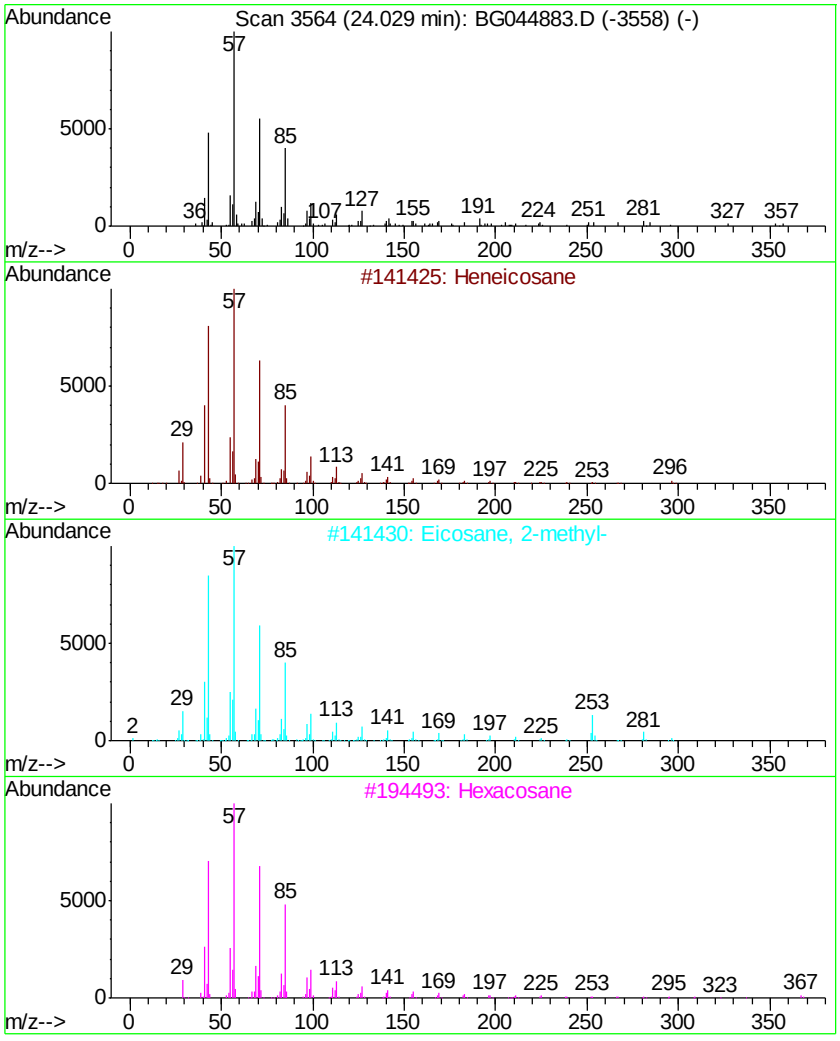
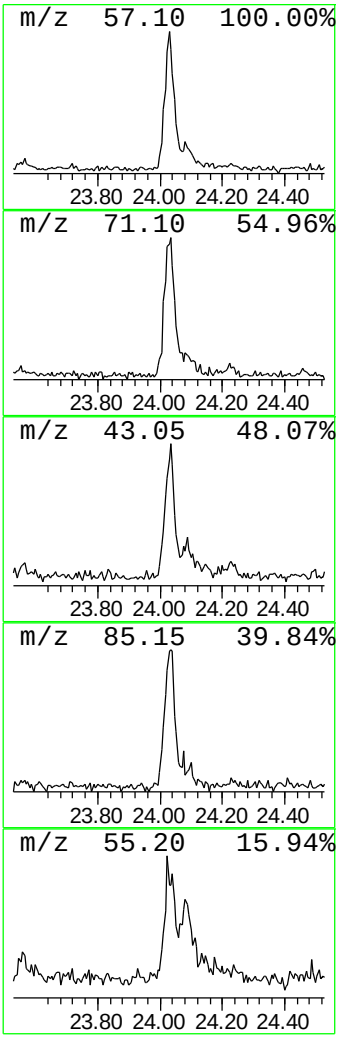
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.41 ng	163161	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

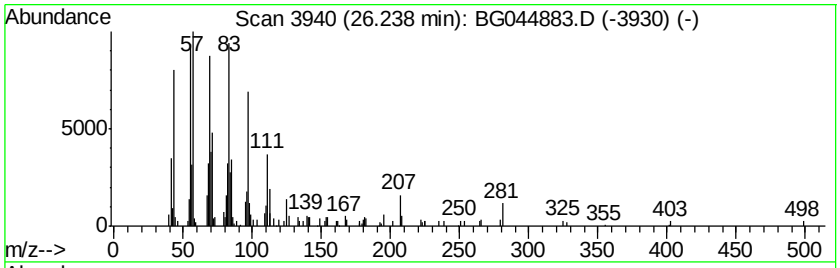
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

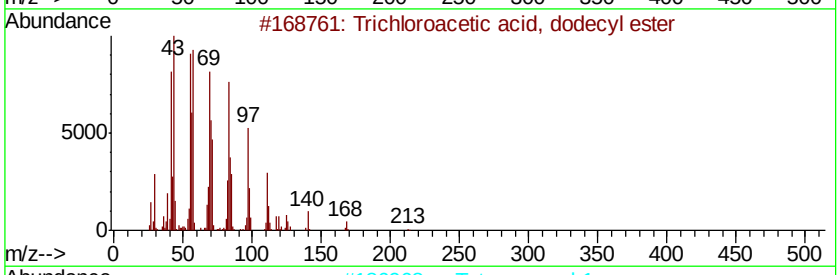
****

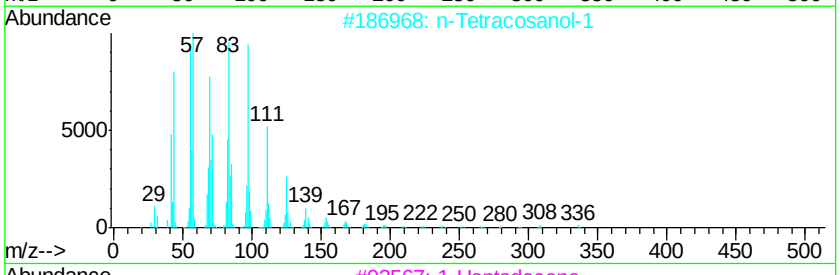
Peak Number 8 Trichloroacetic acid, dodec... Concentration Rank 6

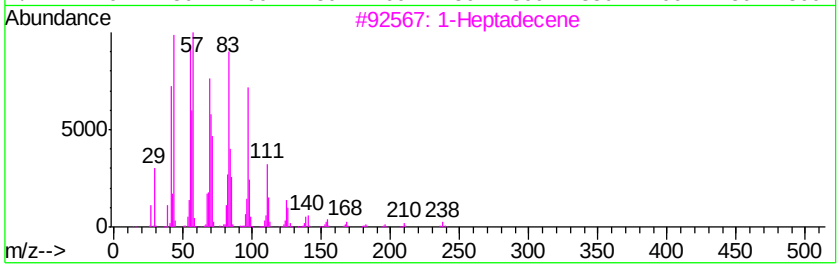
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	4.37 ng	294973	Perylene-d12	24.89

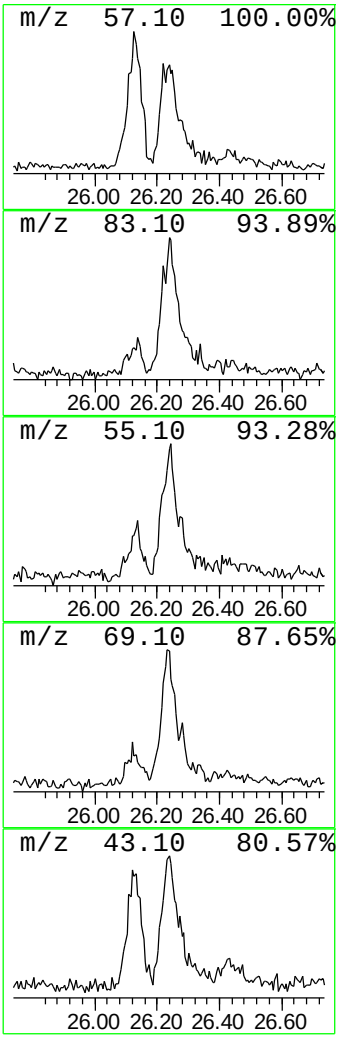
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	87
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3	1-Heptadecene	238	C17H34	006765-39-5	87
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
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Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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...	3.22	2.9	ng	63595	1	8.04	442088	20.0
n-Hexadecanoic acid	18.32	4.5	ng	242038	4	17.42	1075650	20.0
n-Tetracosanol-1	21.34	13.7	ng	883718	5	21.68	1294540	20.0
1-Heneicosyl formate	22.54	6.2	ng	402264	5	21.68	1294540	20.0
Heneicosane	24.03	2.4	ng	163161	6	24.89	1351310	20.0
Trichloroacetic a...	26.24	4.4	ng	294973	6	24.89	1351310	20.0