LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

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-BG052919.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	3.129	3	7	15	rVV	272265	506543	10.08%	1.921%
2	3.205	15	20	32	rVB	1248158	1891579	37.64%	7.174%
3	5.655	428	437	446	rBV	512199	849338	16.90%	3.221%
4	7.259	702	710	719	rBV	362492	618657	12.31%	2.346%
5	7.647	768	776	787	rBV	914904	1593835	31.72%	6.045%
6	8.117	849	856	867	rBV	227048	396257	7.89%	1.503%
7	8.440	904	911	928	rVB	873460	1551640	30.88%	5.885%
8	9.298	1049	1057	1068	rBV	810715	1417897	28.22%	5.378%
9	10.943	1330	1337	1344	rBV	300298	545235	10.85%	2.068%
10	13.376	1742	1751	1761	rBV	2074212	3334171	66.35%	12.646%
11	14.751	1977	1985	1994	rBV2	517995	821849	16.36%	3.117%
12	16.237	2227	2238	2245	rBV	1648099	2560236	50.95%	9.711%
13	17.495	2446	2452	2463	rVB	697468	1050675	20.91%	3.985%
14	18.341	2592	2596	2606	rVB3	78559	125283	2.49%	0.475%
15	19.610	2808	2812	2819	rBV4	47181	66065	1.31%	0.251%
16	20.091	2887	2894	2899	rBV	3939142	5024821	100.00%	19.058%
17	20.356	2932	2939	2947	rBV	21221	55144	1.10%	0.209%
18	21.372	3108	3112	3120	rBV3	102047	182134	3.62%	0.691%
19	21.772	3171	3180	3190	rBV	711978	1242721	24.73%	4.713%
20	22.542	3308	3311	3314	rBV2	38274	56344	1.12%	0.214%
21	22.583	3314	3318	3332	rVB4	94060	262210	5.22%	0.995%
22	23.258	3427	3433	3439	rVB3	34910	69175	1.38%	0.262%
23	23.628	3491	3496	3504	rVB3	33766	70276	1.40%	0.267%
24	24.081	3567	3573	3581	rVB	120234	258369	5.14%	0.980%
25	24.169	3581	3588	3598	rBV7	57848	191759	3.82%	0.727%
26	25.109	3734	3748	3760	rVB3	376676	1168149	23.25%	4.431%
27	25.620	3825	3835	3840	rBV3	36167	94915	1.89%	0.360%
28	26.225	3931	3938	3939	rBV3	64941	107426	2.14%	0.407%
29	26.384	3956	3965	3975	rBV8	64638	252650	5.03%	0.958%

Sum of corrected areas: 26365353

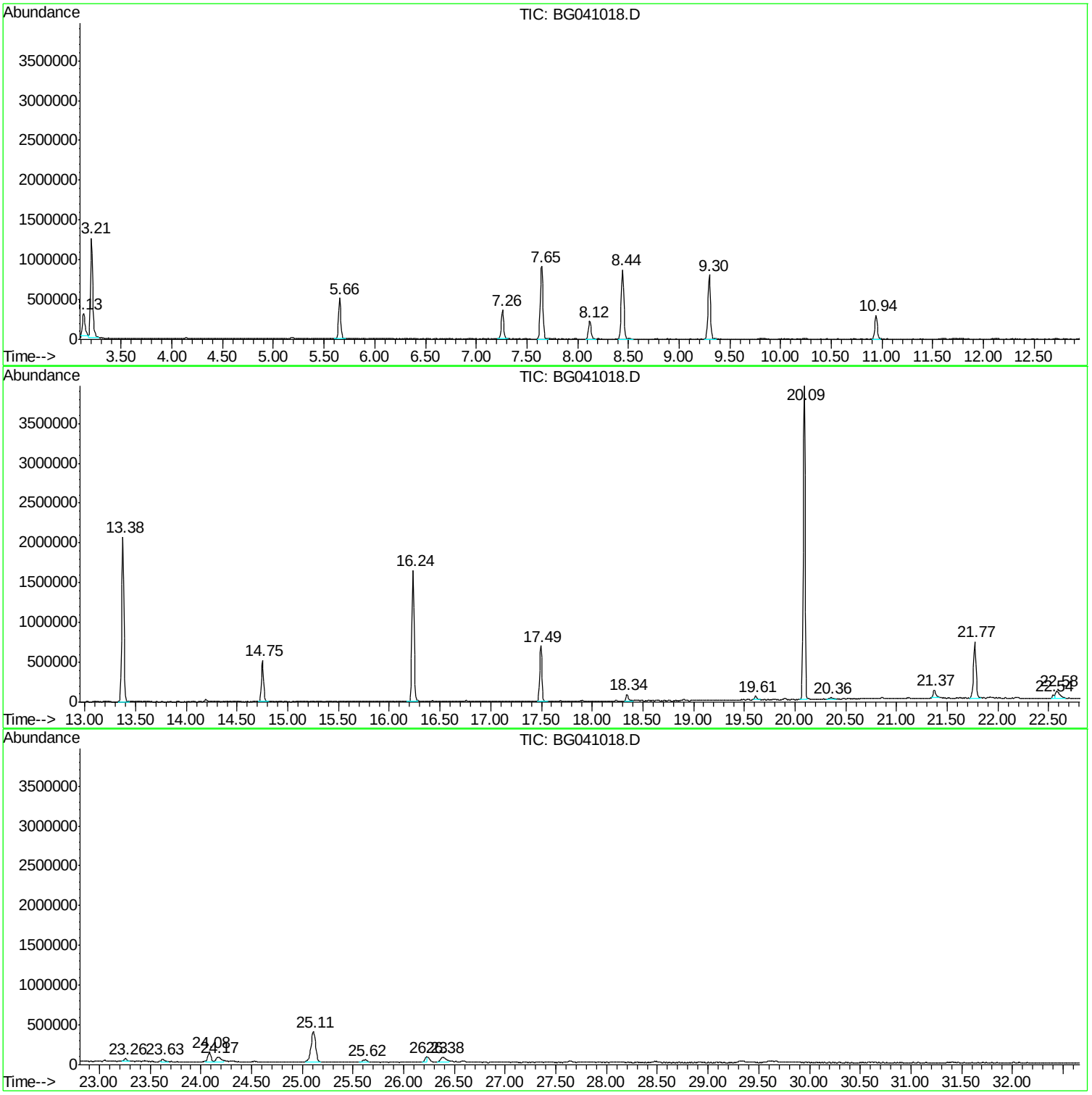
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
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Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

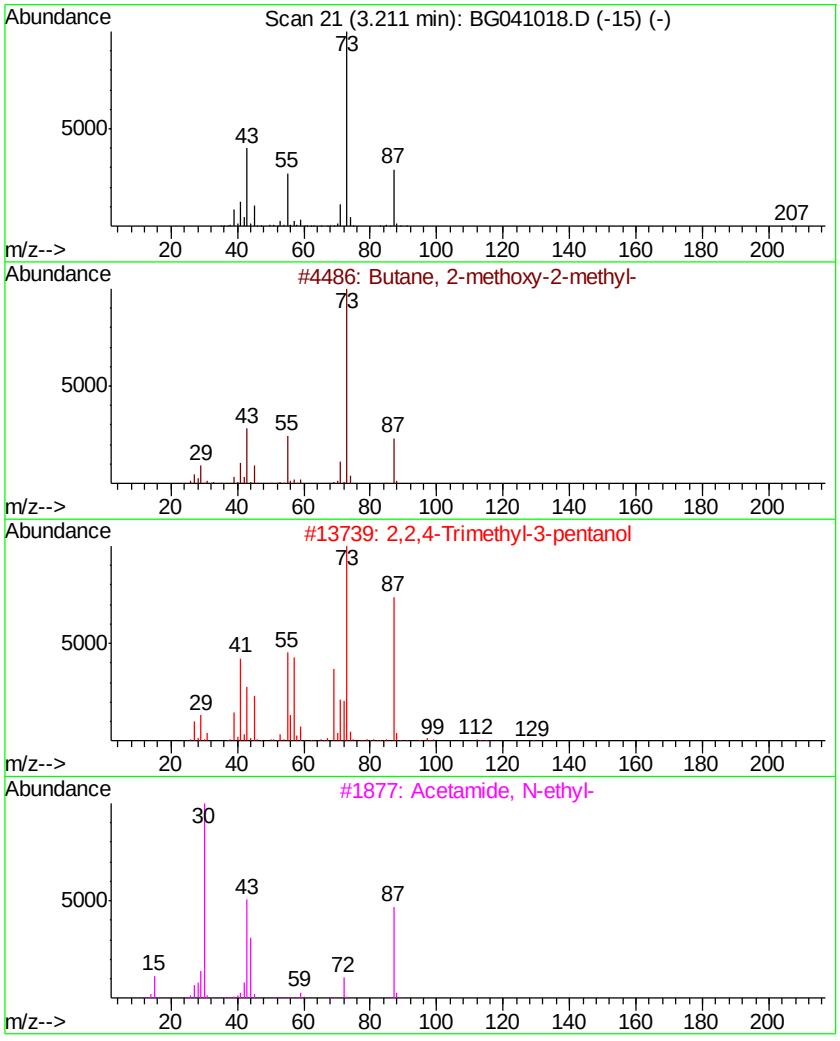
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

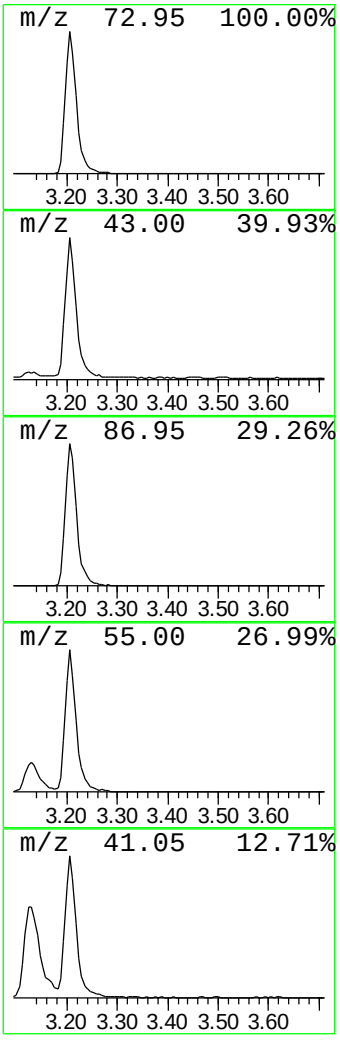
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	95.47 ng	1891580	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

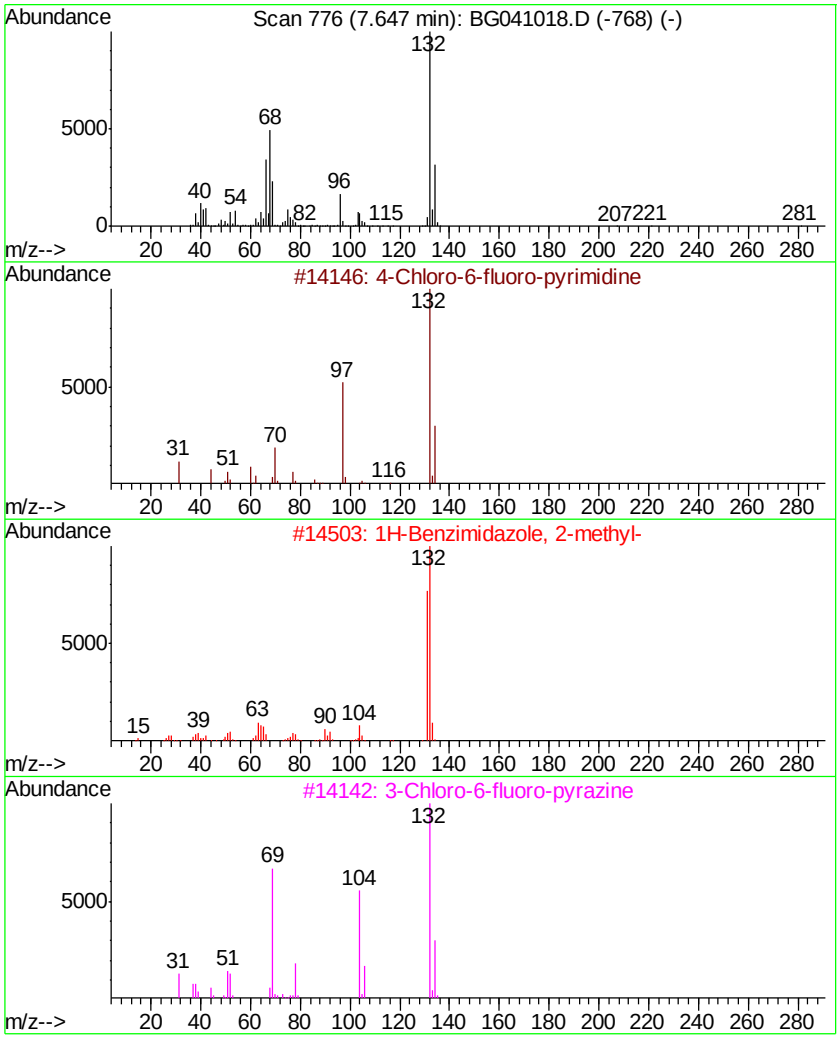
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

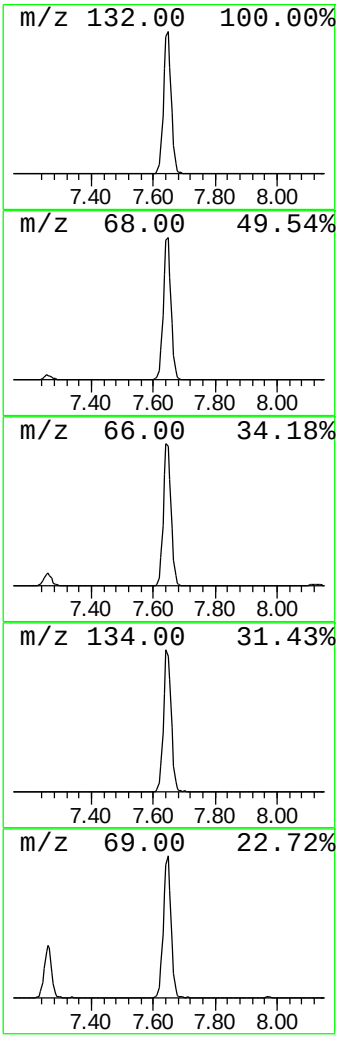
****

Peak Number 3 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	80.44 ng	1593840	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

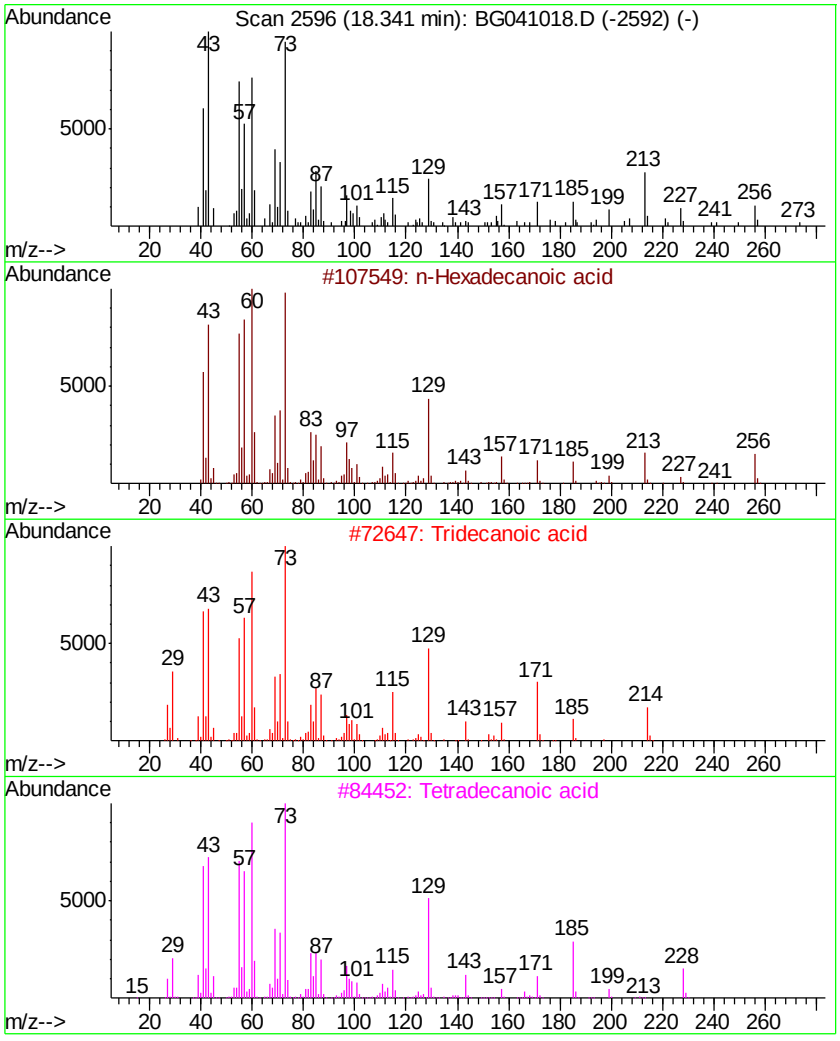
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

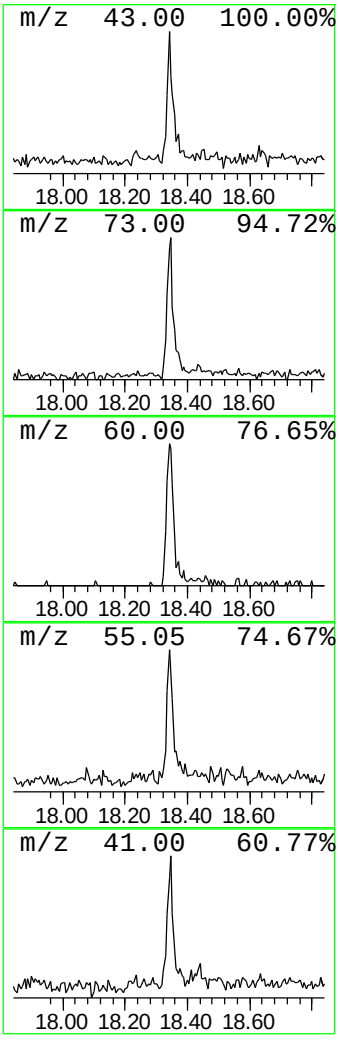
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.38 ng	125283	Phenanthrene-d10	17.49

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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

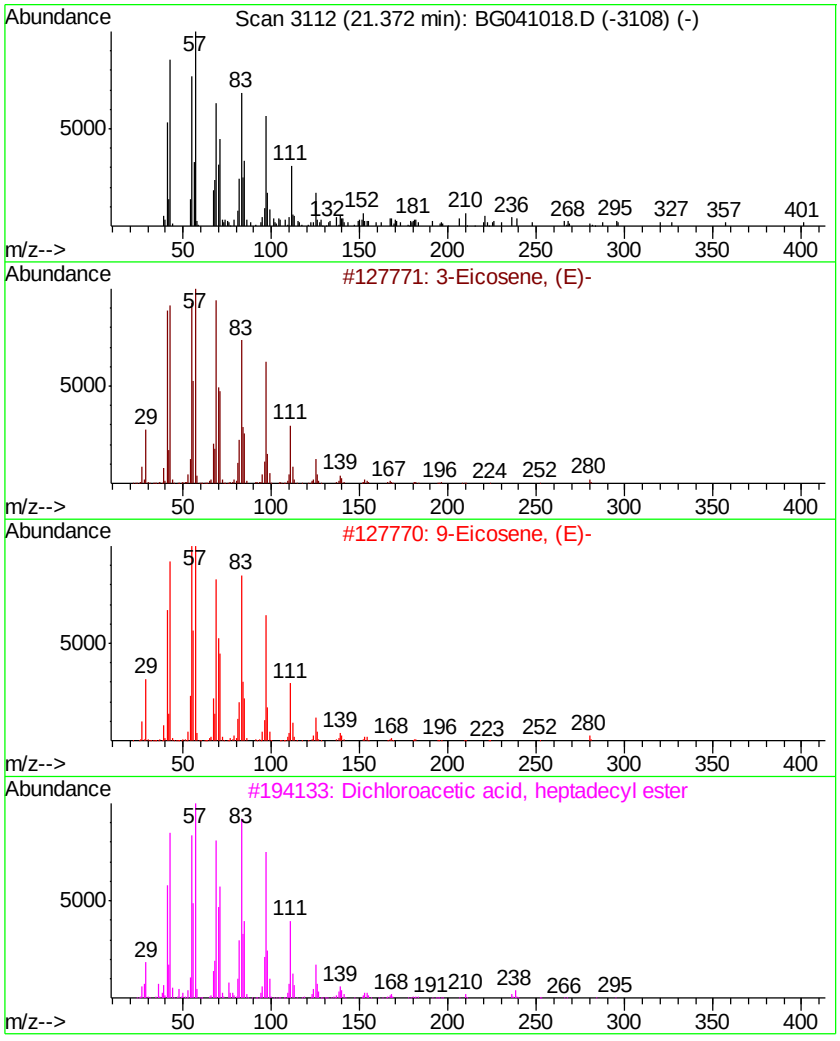
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

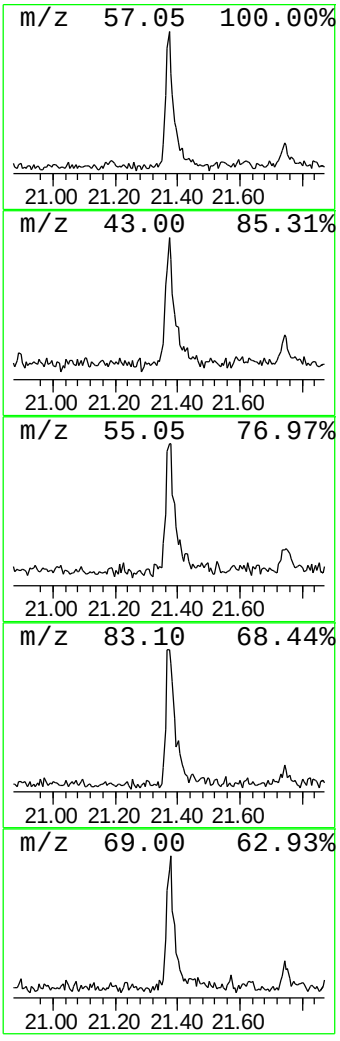
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.93 ng	182134	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

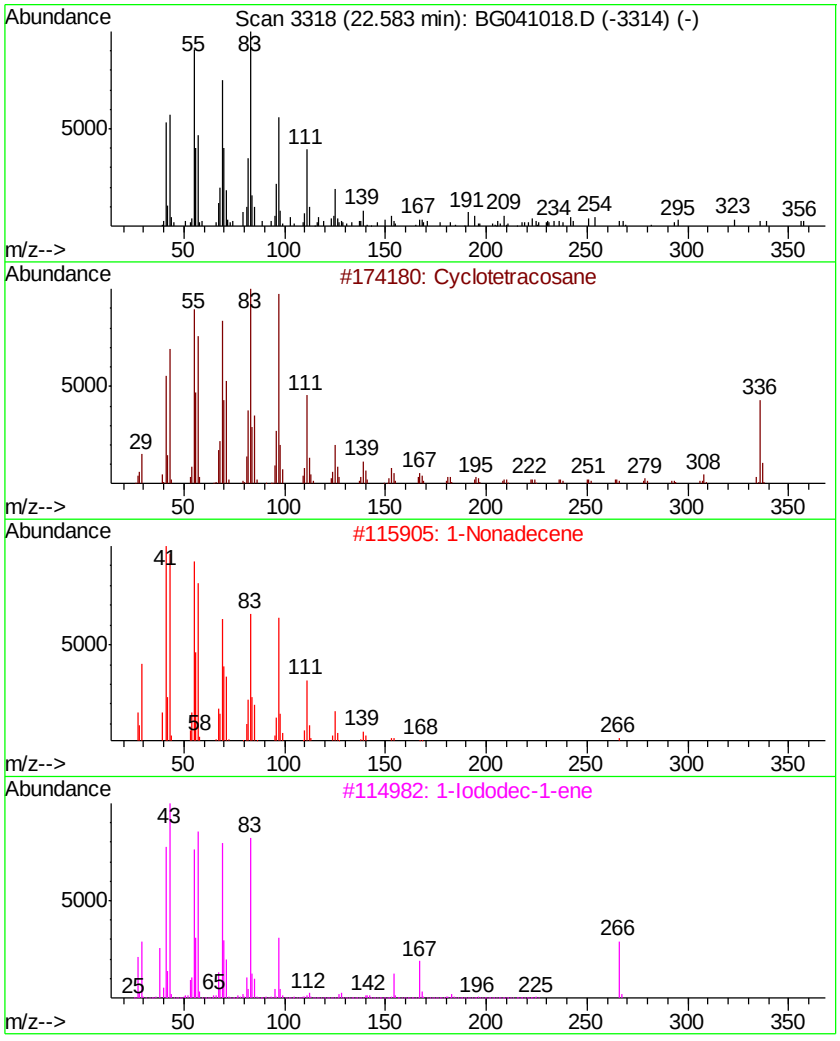
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

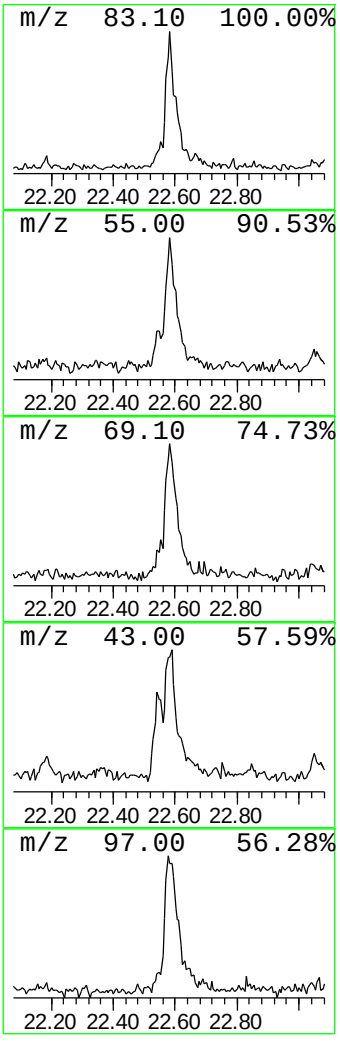
****

Peak Number 7 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	4.22 ng	262210	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	83
2	1-Nonadecene	266	C19H38	018435-45-5	60
3	1-Iododec-1-ene	266	C10H19I	1000192-68-7	58
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	52
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041018.D
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Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

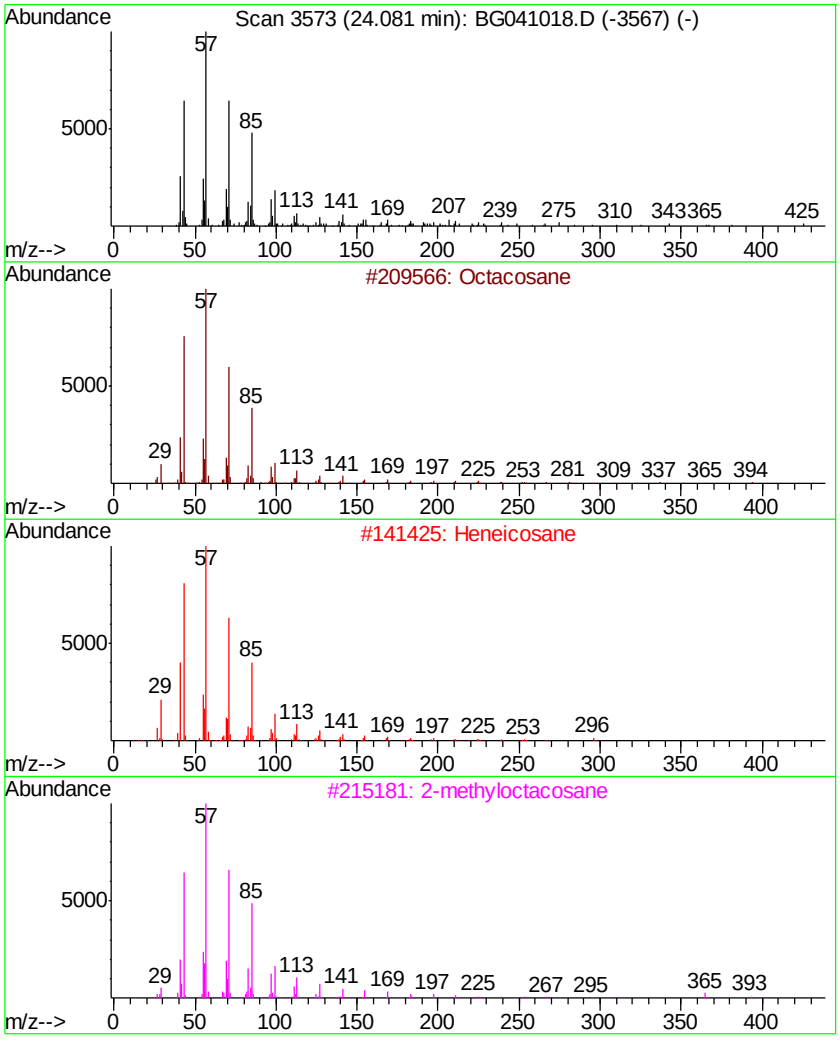
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

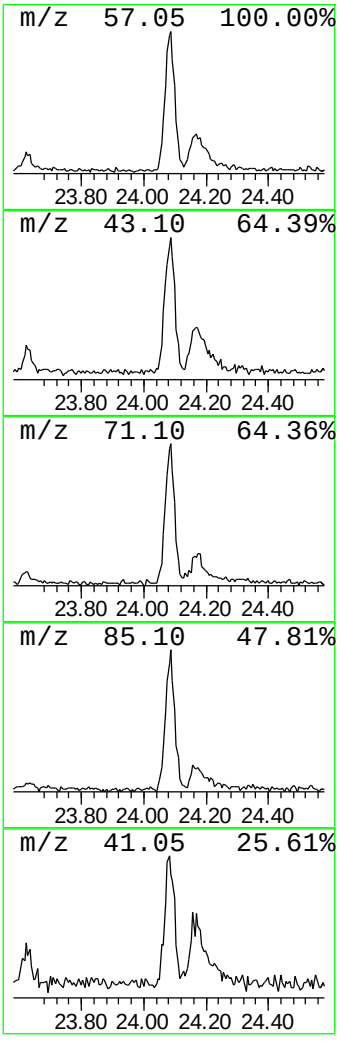
****

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	4.42 ng	258369	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexacosane	366	C26H54	000630-01-3	86





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Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

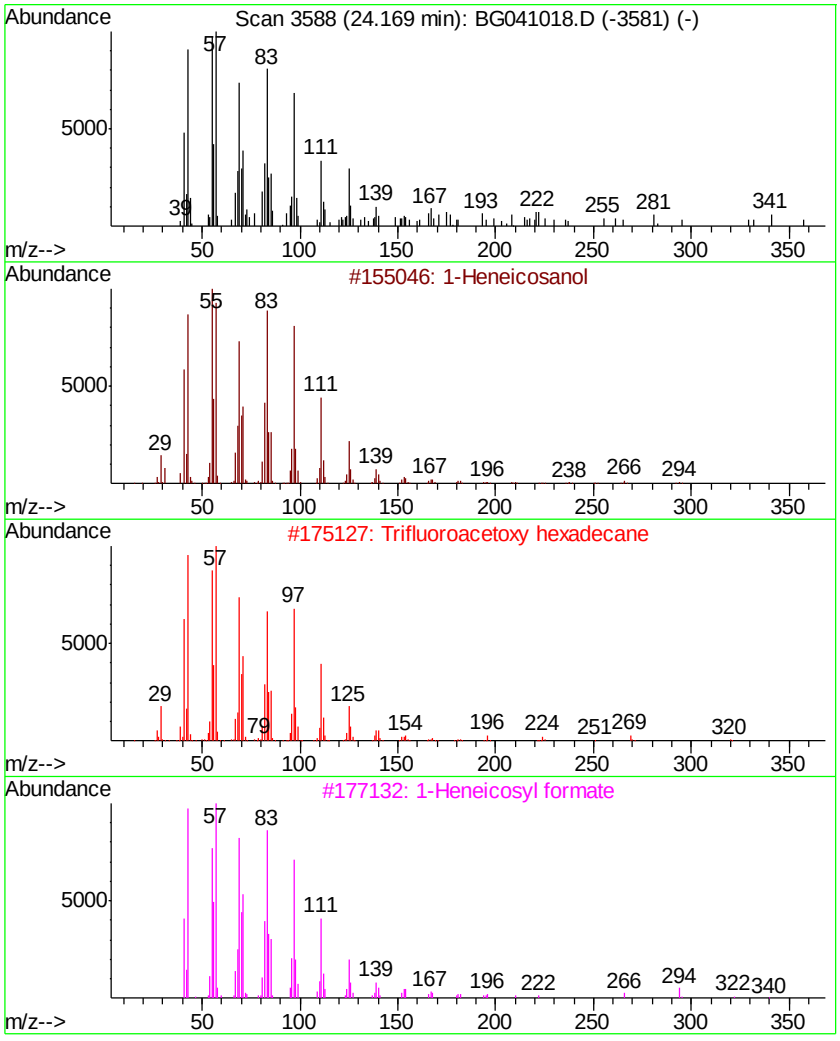
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

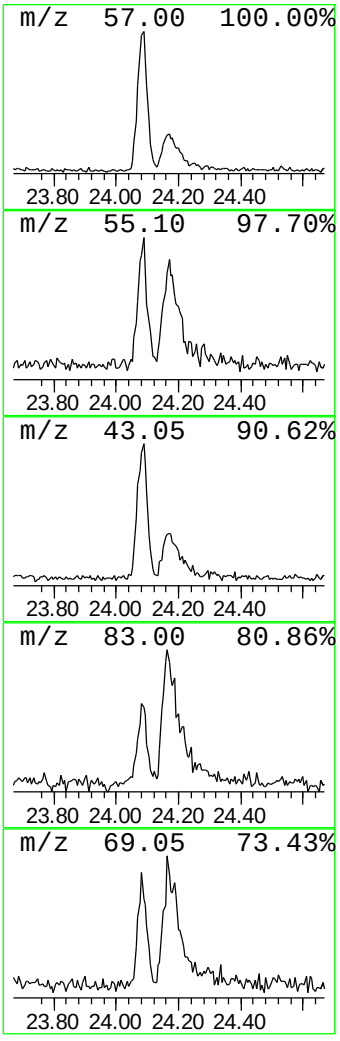
****

Peak Number 9 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	3.28 ng	191759	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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

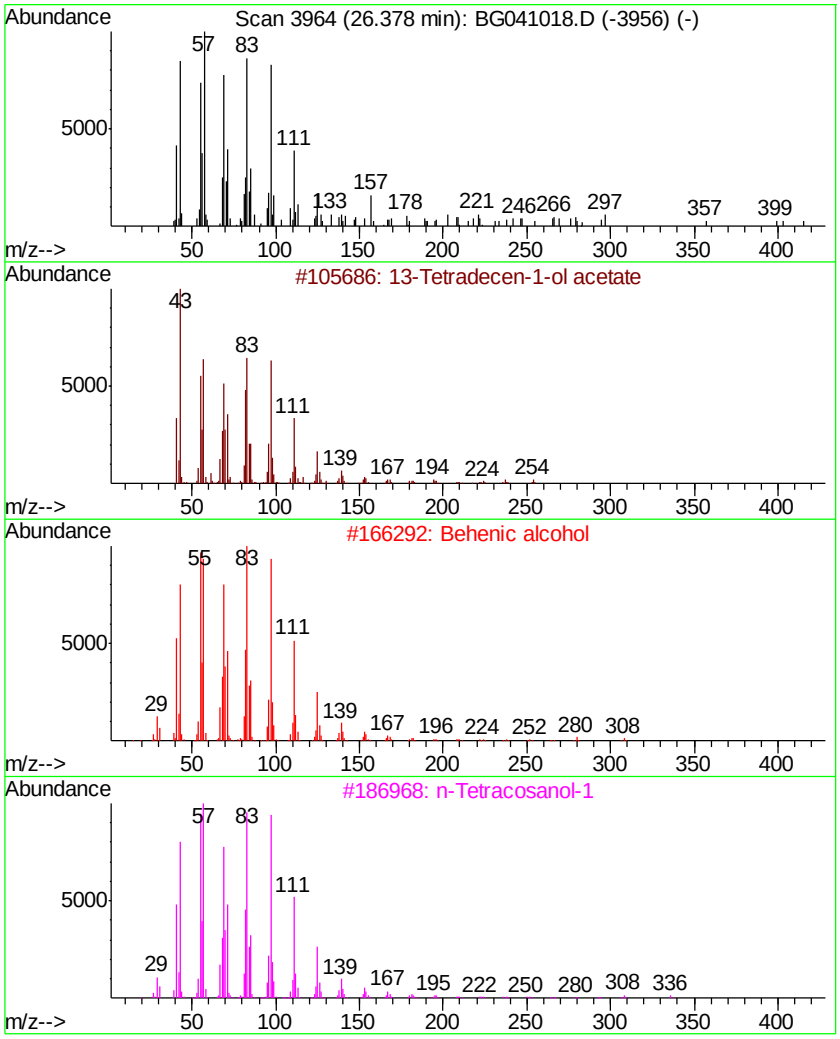
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

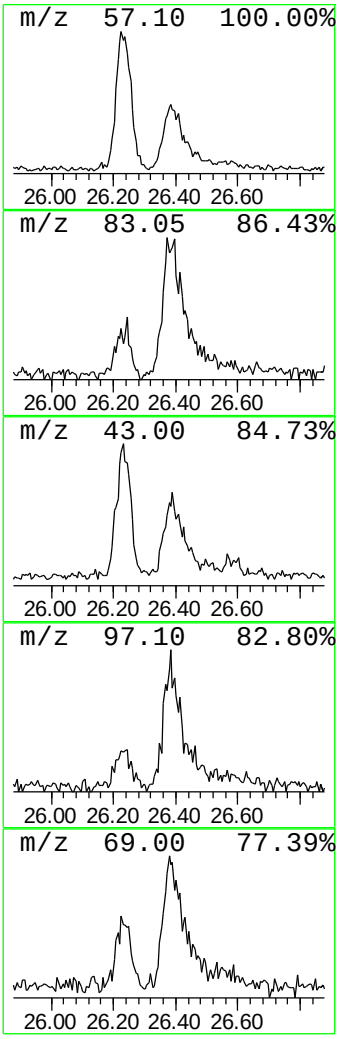
****

Peak Number 10 13-Tetradecen-1-ol acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.38	4.33 ng	252650	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	Octacosanol	410	C28H58O	000557-61-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060119\
Data File : BG041018.D
Acq On : 1 Jun 2019 18:43
Operator : HP/JU
Sample : K3106-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRIANGLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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...	3.21	95.5	ng	1891580	1	8.12	396257	20.0
unknown7.65	7.65	80.4	ng	1593840	1	8.12	396257	20.0
n-Hexadecanoic acid	18.34	2.4	ng	125283	4	17.49	1050680	20.0
3-Eicosene, (E)-	21.37	2.9	ng	182134	5	21.77	1242720	20.0
Cyclotetracosane	22.58	4.2	ng	262210	5	21.77	1242720	20.0
Octacosane	24.08	4.4	ng	258369	6	25.11	1168150	20.0
1-Heneicosanol	24.17	3.3	ng	191759	6	25.11	1168150	20.0
13-Tetradecen-1-o...	26.38	4.3	ng	252650	6	25.11	1168150	20.0