LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039675.D
Acq On : 1 Mar 2019 00:50
Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

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-BG012919.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	3.222	17	23	32	rBV	173701	344240	9.61%	1.515%
2	3.293	32	35	43	rVB	52235	75505	2.11%	0.332%
3	5.713	439	447	460	rBV	1019117	1657617	46.30%	7.296%
4	7.311	710	719	731	rBV	1078217	1910362	53.36%	8.408%
5	7.692	776	784	797	rBV	1013522	1751574	48.92%	7.709%
6	8.162	857	864	875	rBV	189993	328887	9.19%	1.448%
7	8.491	912	920	934	rVB	710719	1251432	34.95%	5.508%
8	9.343	1056	1065	1072	rBV	626159	1120859	31.31%	4.933%
9	10.988	1334	1345	1355	rBV	271464	484483	13.53%	2.132%
10	13.414	1749	1758	1765	rBV	1652381	2600525	72.63%	11.446%
11	14.231	1888	1897	1903	rBV	88080	134729	3.76%	0.593%
12	14.789	1985	1992	2001	rBV2	454380	713457	19.93%	3.140%
13	16.275	2238	2245	2260	rBV	1363331	2142386	59.84%	9.429%
14	17.532	2450	2459	2472	rBV2	582967	919568	25.68%	4.047%
15	18.384	2597	2604	2615	rBV2	83834	156120	4.36%	0.687%
16	19.647	2815	2819	2826	rBV3	26643	50820	1.42%	0.224%
17	20.123	2894	2900	2907	rBV	2688890	3580385	100.00%	15.758%
18	21.409	3114	3119	3129	rBV2	87556	141997	3.97%	0.625%
19	21.820	3182	3189	3200	rVB2	589975	1010279	28.22%	4.447%
20	21.967	3209	3214	3221	rVB	68373	98748	2.76%	0.435%
21	22.596	3315	3321	3329	rBV	94997	157264	4.39%	0.692%
22	23.312	3436	3443	3453	rBV	129613	244763	6.84%	1.077%
23	24.153	3578	3586	3595	rBV	118687	262599	7.33%	1.156%
24	25.151	3745	3756	3757	rBV2	128006	251580	7.03%	1.107%
25	25.198	3757	3764	3776	rVB2	310459	980017	27.37%	4.313%
26	26.332	3946	3957	3967	rBV2	71527	223000	6.23%	0.981%
27	27.759	4188	4200	4209	rBV5	35216	127311	3.56%	0.560%

Sum of corrected areas: 22720507

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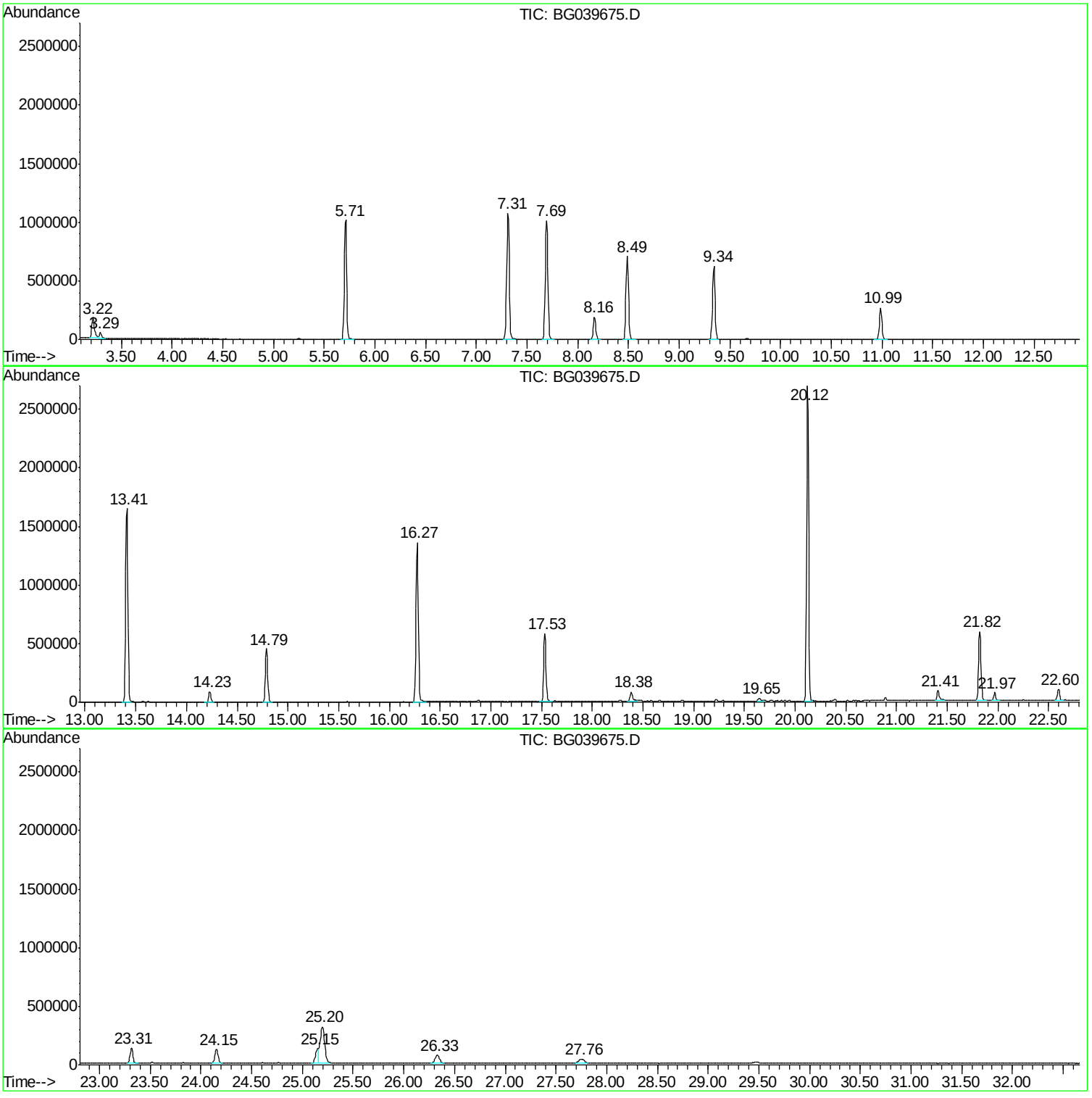
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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\BG022819\
Data File : BG039675.D
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Misc :
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Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

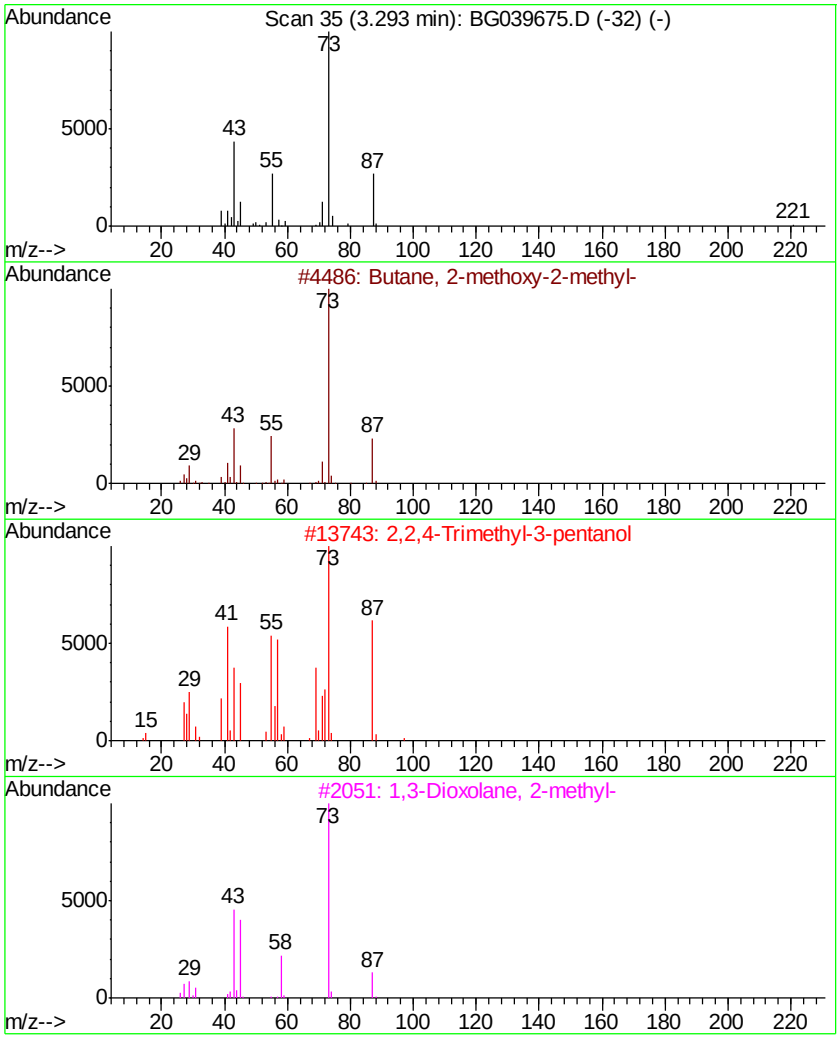
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

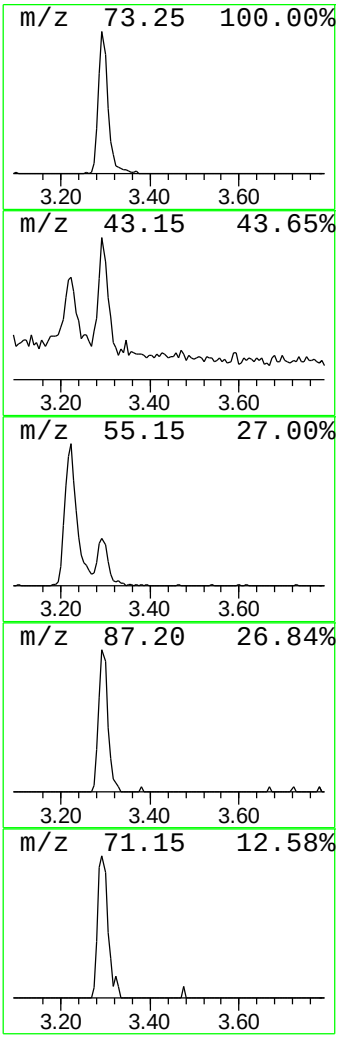
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.59 ng	75505	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	9





Library Search Compound Report

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Data File : BG039675.D
Acq On : 1 Mar 2019 00:50
Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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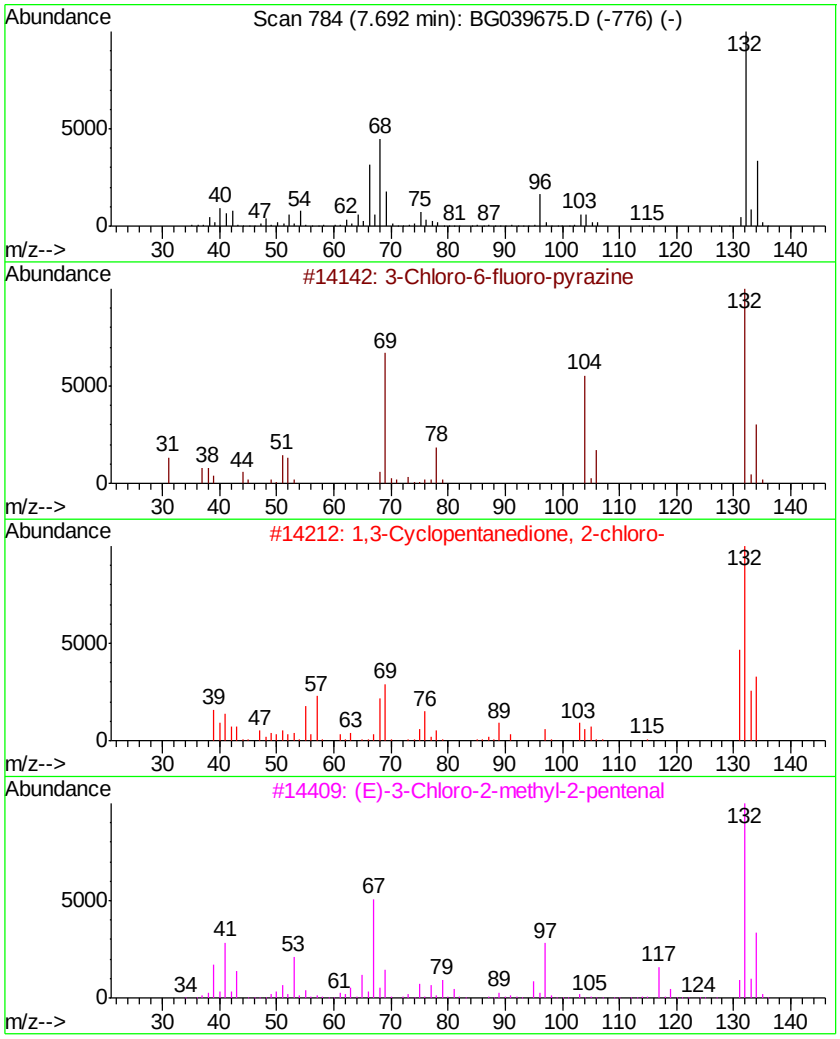
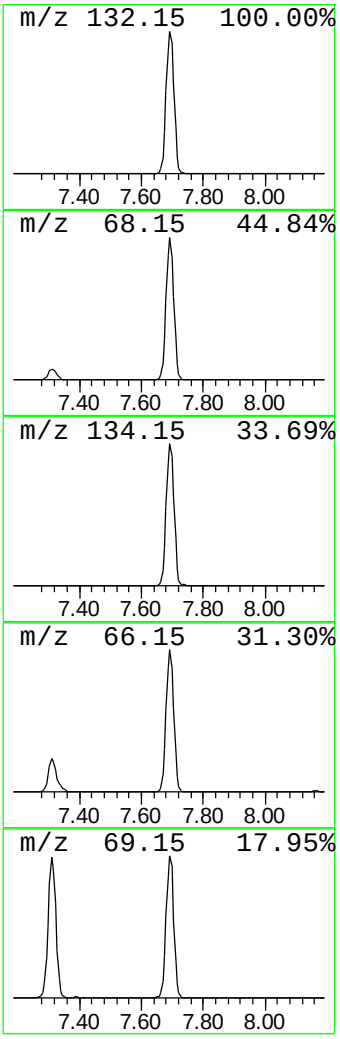
Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	106.52 ng	1751570	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

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Acq On : 1 Mar 2019 00:50
Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

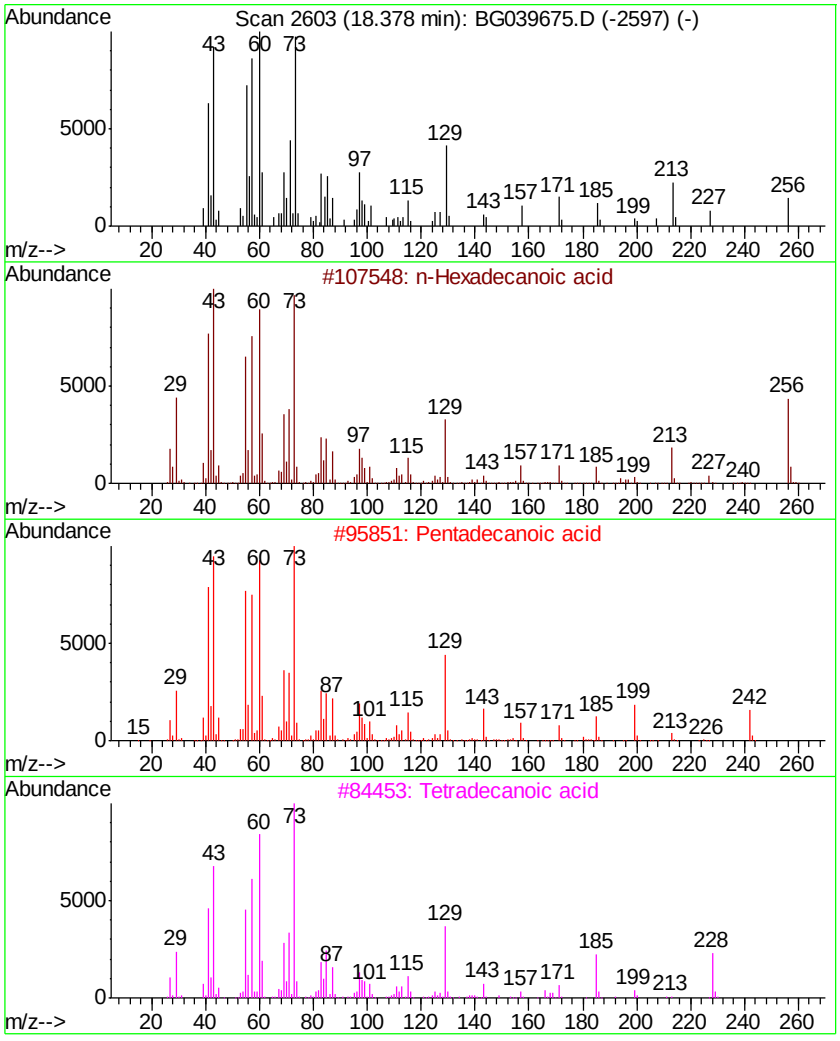
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

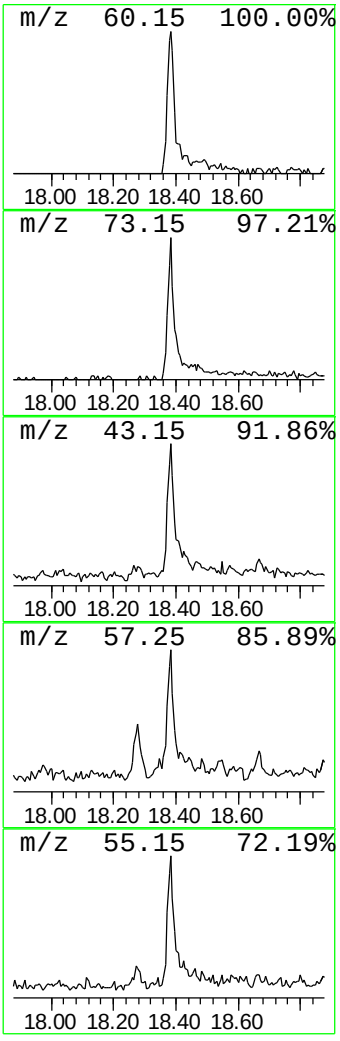
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.40 ng	156120	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	60





Library Search Compound Report

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Data File : BG039675.D
Acq On : 1 Mar 2019 00:50
Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

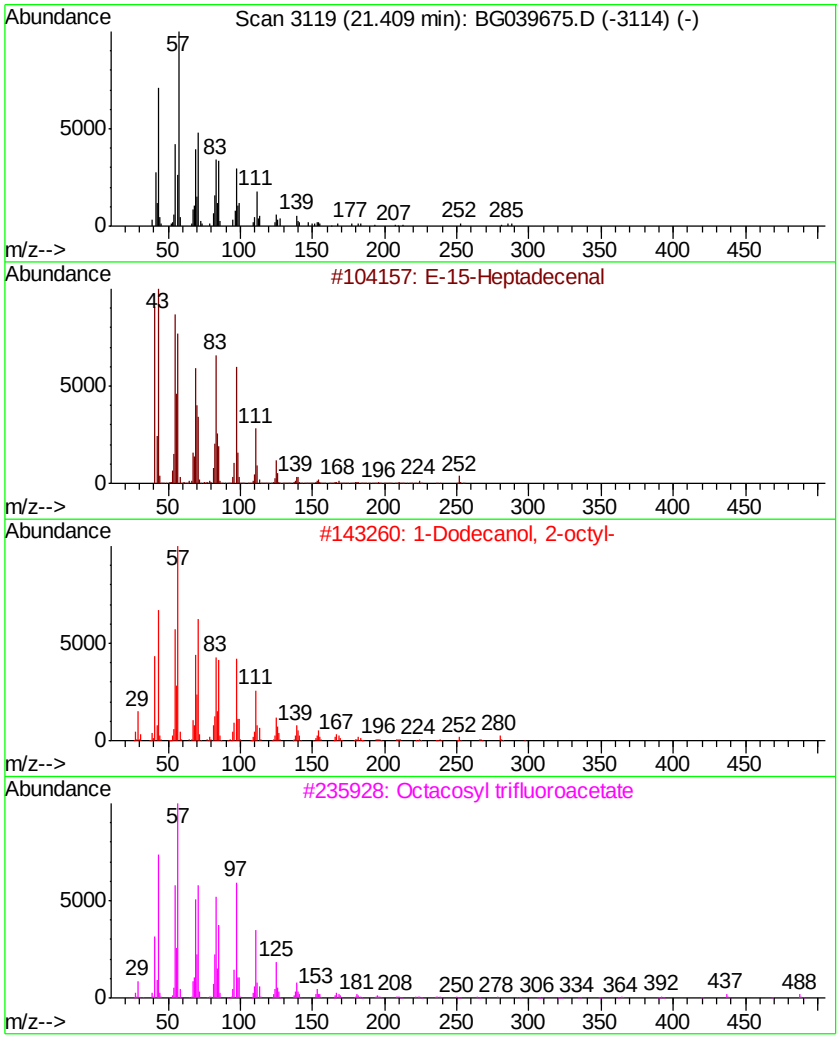
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

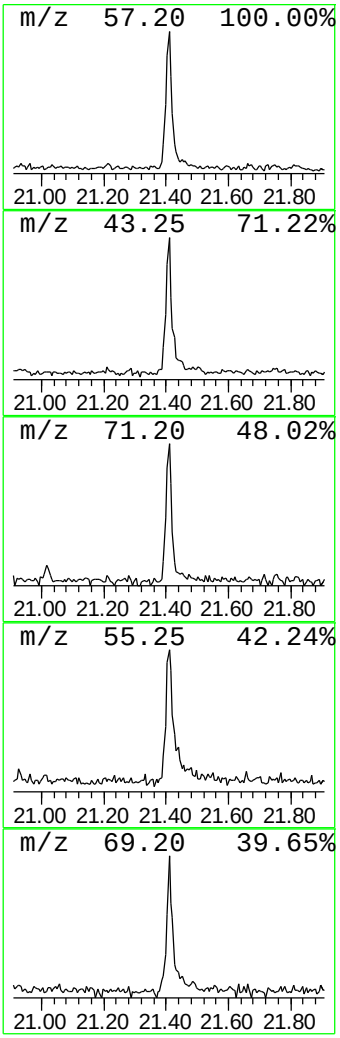
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.81 ng	141997	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039675.D
Acq On : 1 Mar 2019 00:50
Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

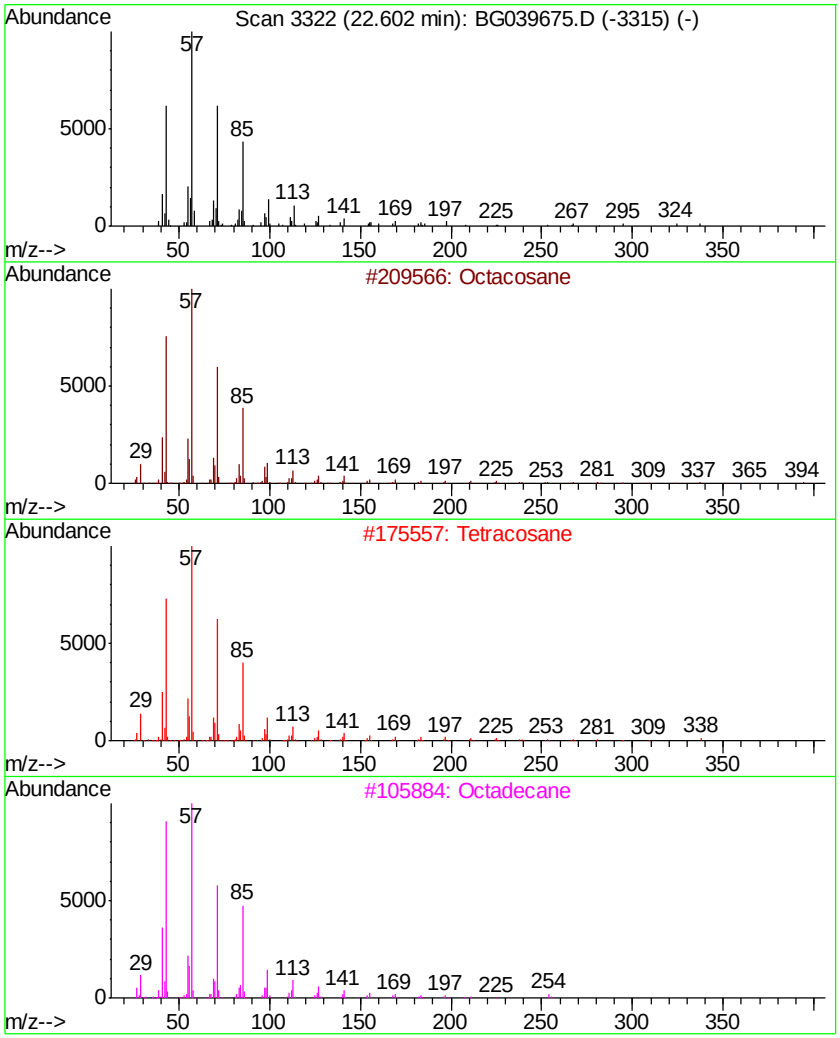
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

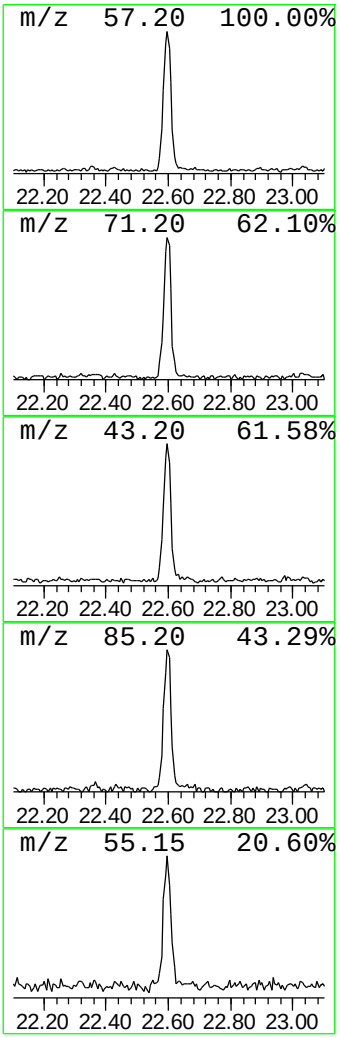
****

Peak Number 7 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	3.11 ng	157264	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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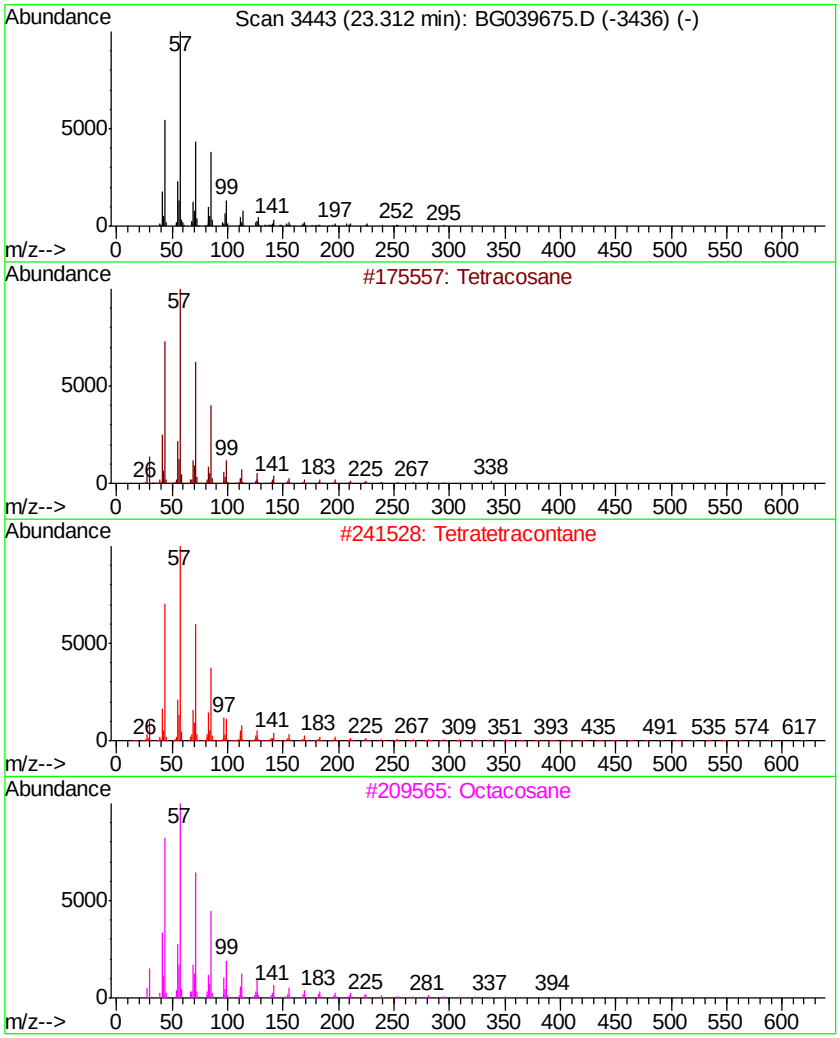
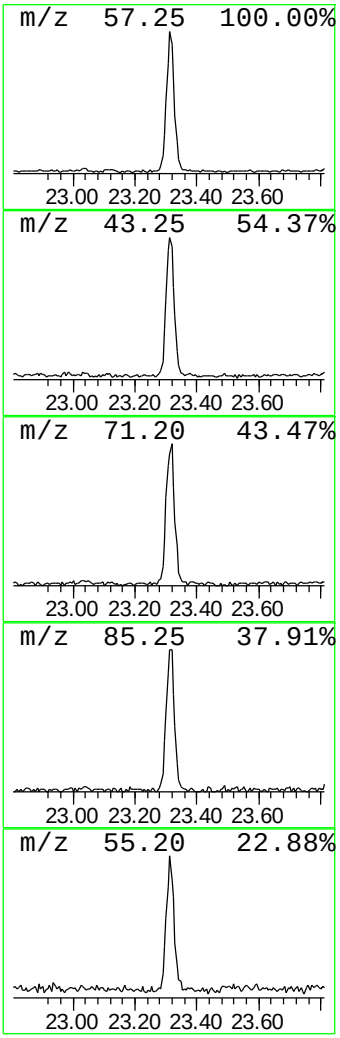
****

Peak Number 8 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	4.85 ng	244763	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexadecane	226	C16H34	000544-76-3	87





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Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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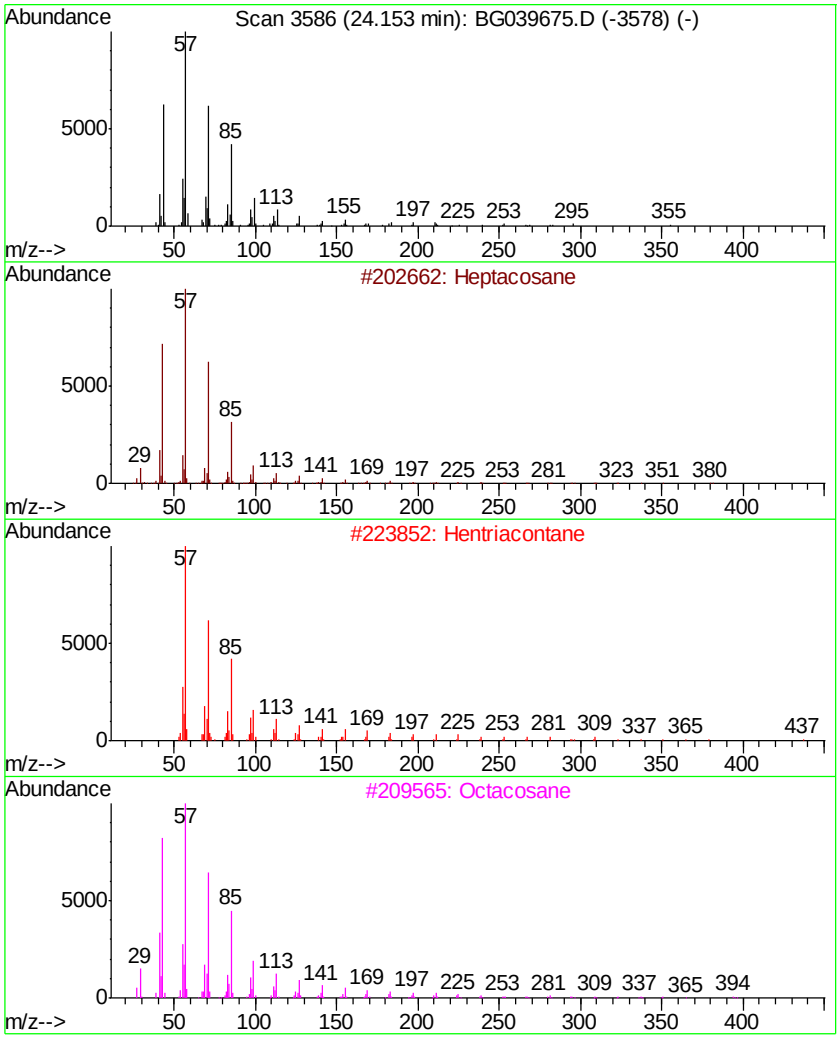
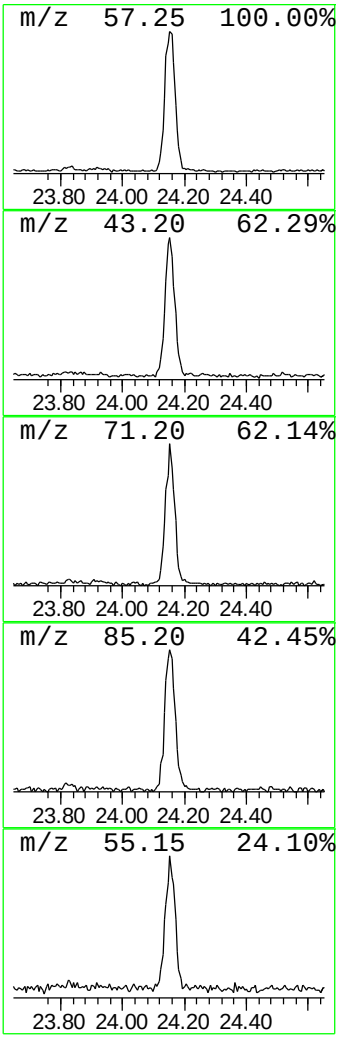
Peak Number 9 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	5.36 ng	262599	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





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Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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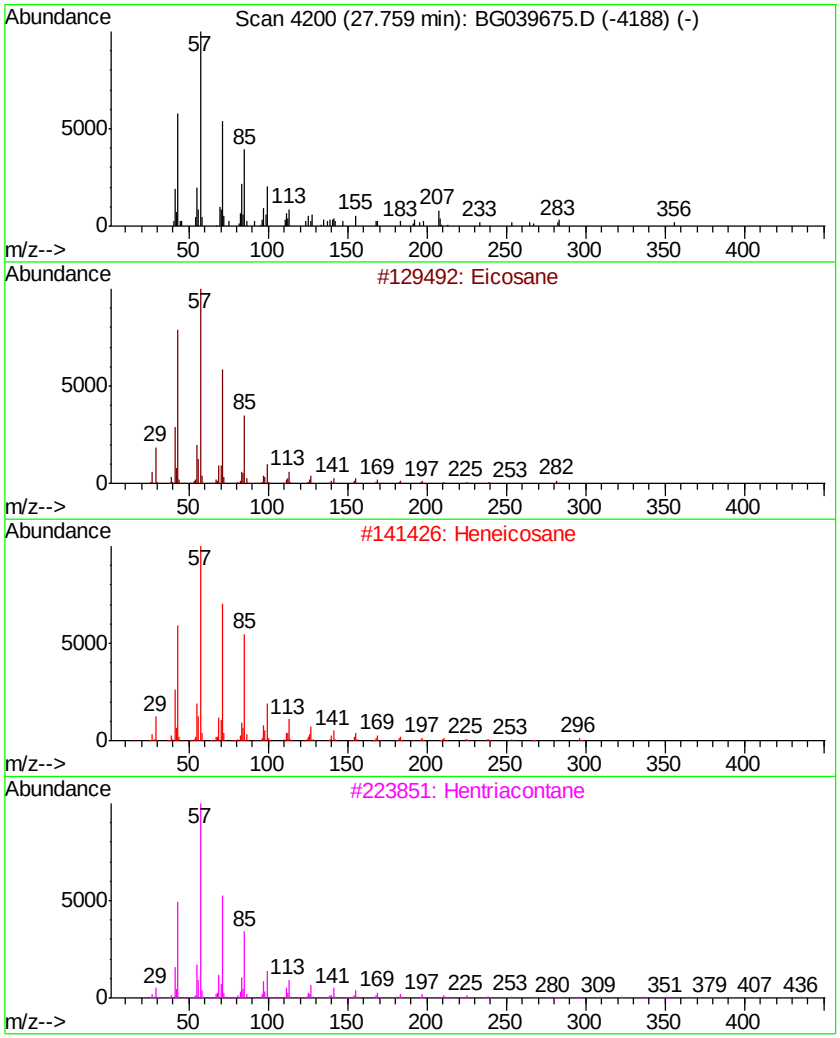
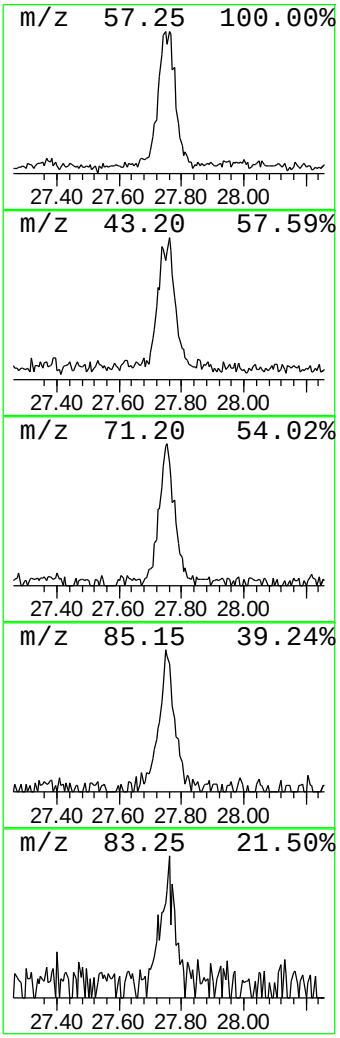
Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.76	2.60 ng	127311	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heneicosane	296	C21H44	000629-94-7	68
3	Hentriacontane	437	C31H64	000630-04-6	68
4	Hexacosane	366	C26H54	000630-01-3	64
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	64





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K1650-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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...	3.29	4.6	ng	75505	1	8.16	328887	20.0
unknown7.69	7.69	106.5	ng	1751570	1	8.16	328887	20.0
n-Hexadecanoic acid	18.38	3.4	ng	156120	4	17.53	919568	20.0
E-15-Heptadecenal	21.41	2.8	ng	141997	5	21.82	1010280	20.0
Octacosane	22.60	3.1	ng	157264	5	21.82	1010280	20.0
Tetracosane	23.31	4.8	ng	244763	5	21.82	1010280	20.0
Heptacosane	24.15	5.4	ng	262599	6	25.20	980017	20.0
Eicosane	27.76	2.6	ng	127311	6	25.20	980017	20.0