LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040890.D
Acq On : 12 May 2019 1:33
Operator : HP/JU
Sample : K2763-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS006-1824-01

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-BG042319.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	3.141	4	9	17	rBV	121902	229729	5.12%	0.936%
2	3.217	18	22	36	rVB	251988	375044	8.37%	1.528%
3	5.667	431	439	449	rVB	1006725	1630293	36.37%	6.642%
4	7.271	704	712	722	rBV	1104583	1902275	42.44%	7.750%
5	7.659	769	778	786	rBV	1051184	1762775	39.32%	7.181%
6	8.135	852	859	872	rVB	177907	311737	6.95%	1.270%
7	8.458	906	914	921	rBV	718835	1263753	28.19%	5.148%
8	9.310	1049	1059	1073	rBV	656036	1167498	26.04%	4.756%
9	10.955	1331	1339	1347	rBV	224953	400152	8.93%	1.630%
10	13.388	1744	1753	1760	rBV	1650453	2582516	57.61%	10.521%
11	14.205	1885	1892	1905	rVB	323286	455035	10.15%	1.854%
12	14.763	1980	1987	1997	rVB2	385277	623192	13.90%	2.539%
13	16.243	2232	2239	2252	rBV	1683774	2625424	58.57%	10.696%
14	17.507	2447	2454	2465	rVB	590234	887290	19.79%	3.615%
15	18.358	2594	2599	2611	rBV	366357	536824	11.98%	2.187%
16	19.622	2810	2814	2821	rBV2	122163	170345	3.80%	0.694%
17	20.104	2889	2896	2905	rVB	3374650	4482645	100.00%	18.262%
18	21.384	3109	3114	3126	rBV	250872	488389	10.90%	1.990%
19	21.784	3175	3182	3189	rBV	618107	1055112	23.54%	4.298%
20	22.565	3310	3315	3319	rBV3	39928	67501	1.51%	0.275%
21	23.276	3430	3436	3443	rBV2	64928	124448	2.78%	0.507%
22	23.476	3465	3470	3477	rVB	60716	119219	2.66%	0.486%
23	24.111	3572	3578	3587	rVB3	43606	104401	2.33%	0.425%
24	25.127	3737	3751	3763	rBV2	345361	1098552	24.51%	4.475%
25	26.261	3937	3944	3955	rVB8	26352	81910	1.83%	0.334%

Sum of corrected areas: 24546059

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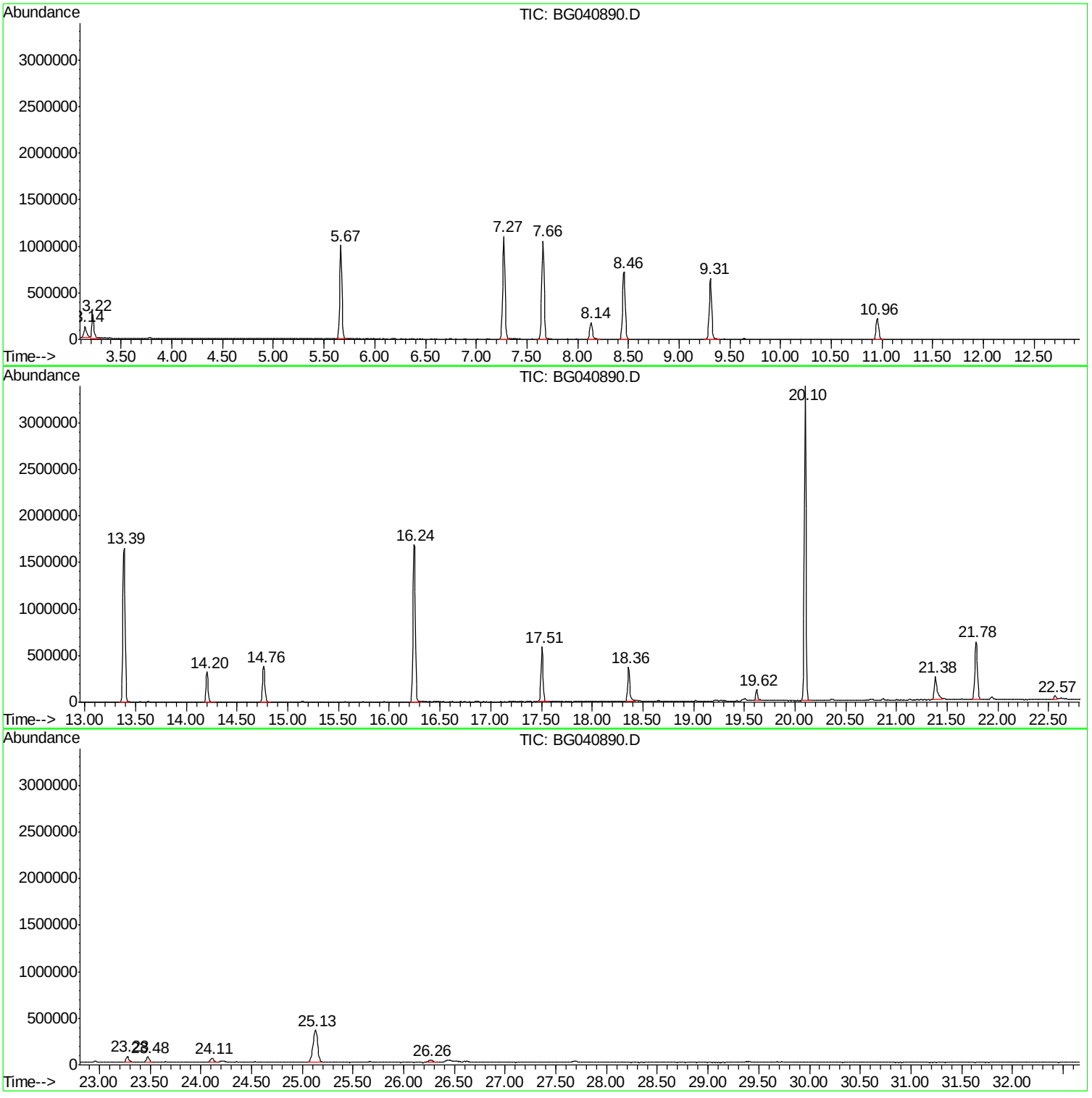
BNA_G
ClientSampleId :
P021-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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Data File : BG040890.D
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Operator : HP/JU
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ClientSampleId : P021-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

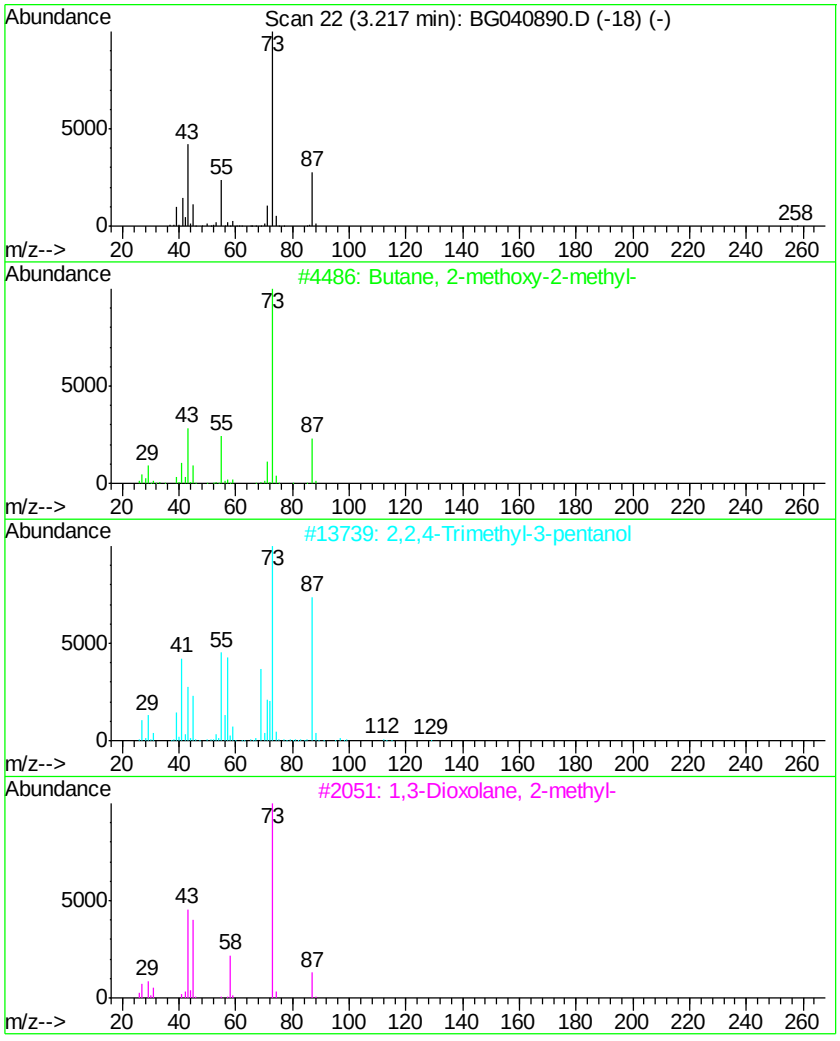
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

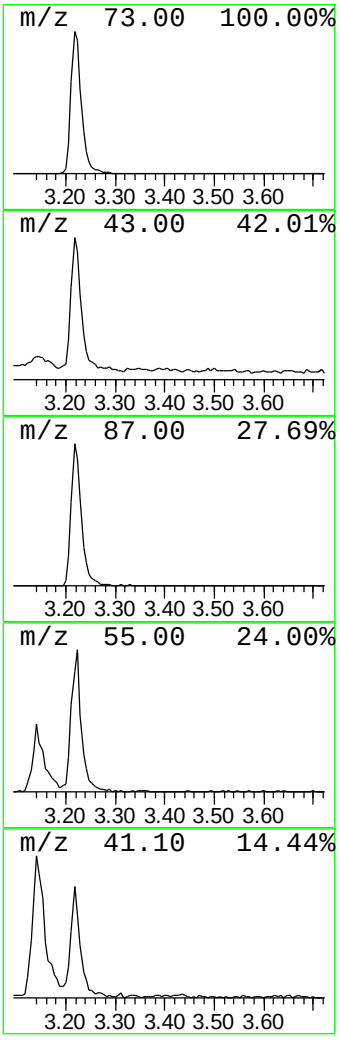
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	24.06 ng	375044	1,4-Dichlorobenzene-d4	8.13

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : K2763-12
Misc :
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Instrument : BNA_G
ClientSampleId : P021-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

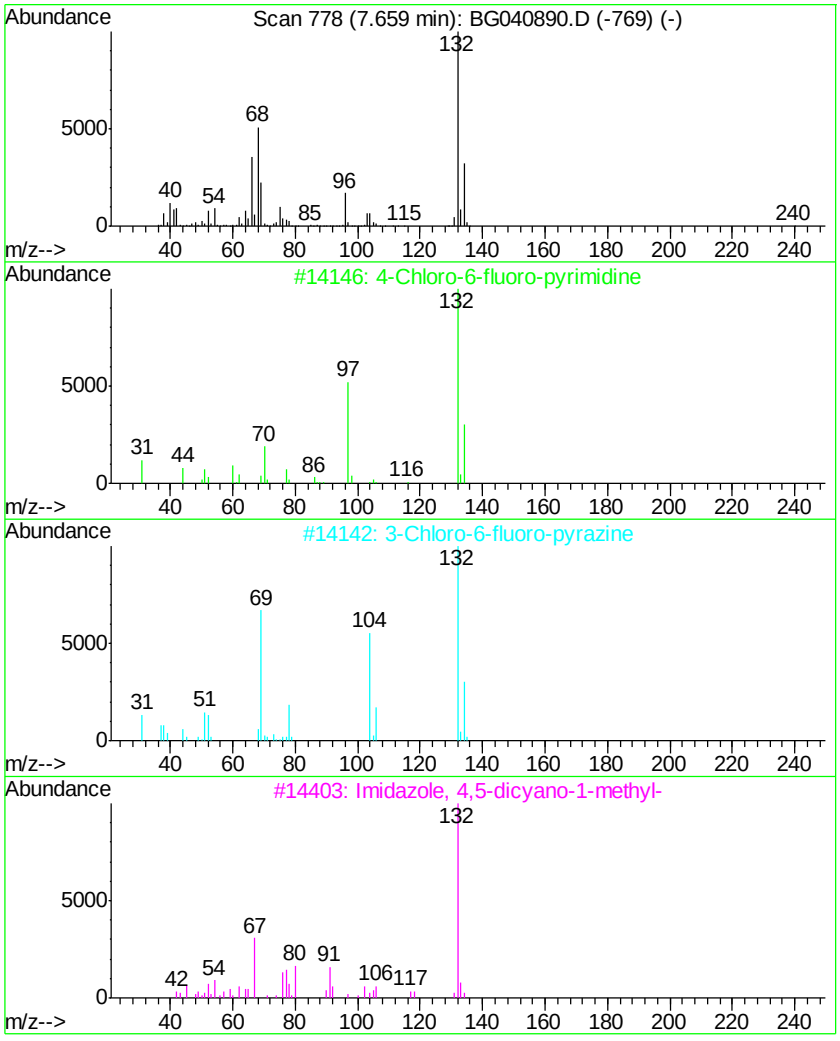
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

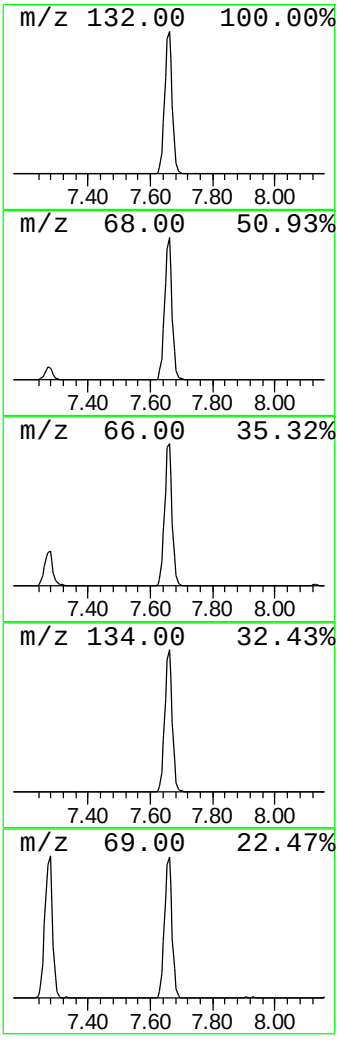
****

Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	113.09 ng	1762780	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : P021-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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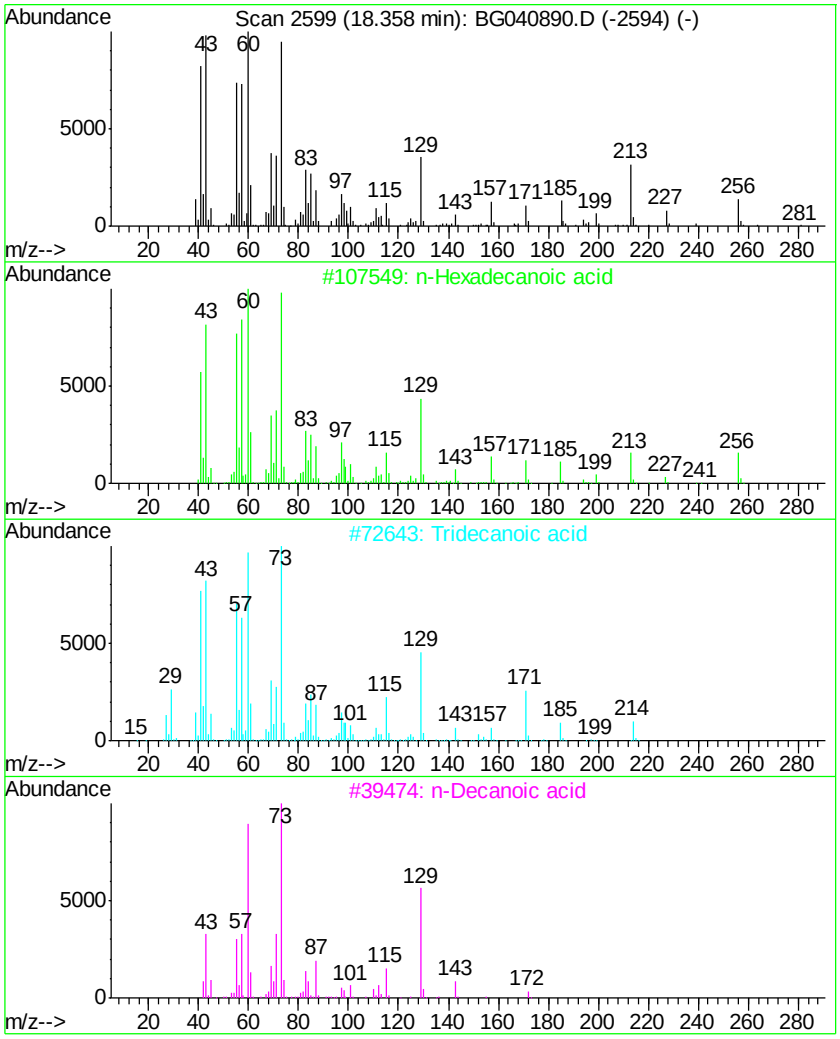
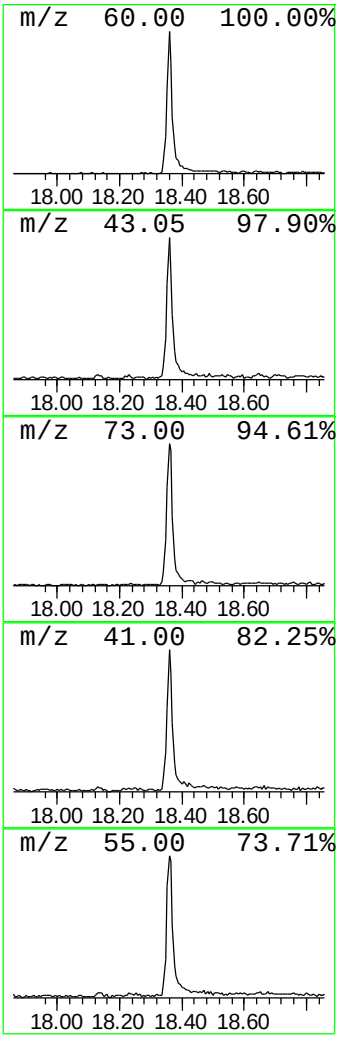
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	12.10 ng	536824	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Operator : HP/JU
Sample : K2763-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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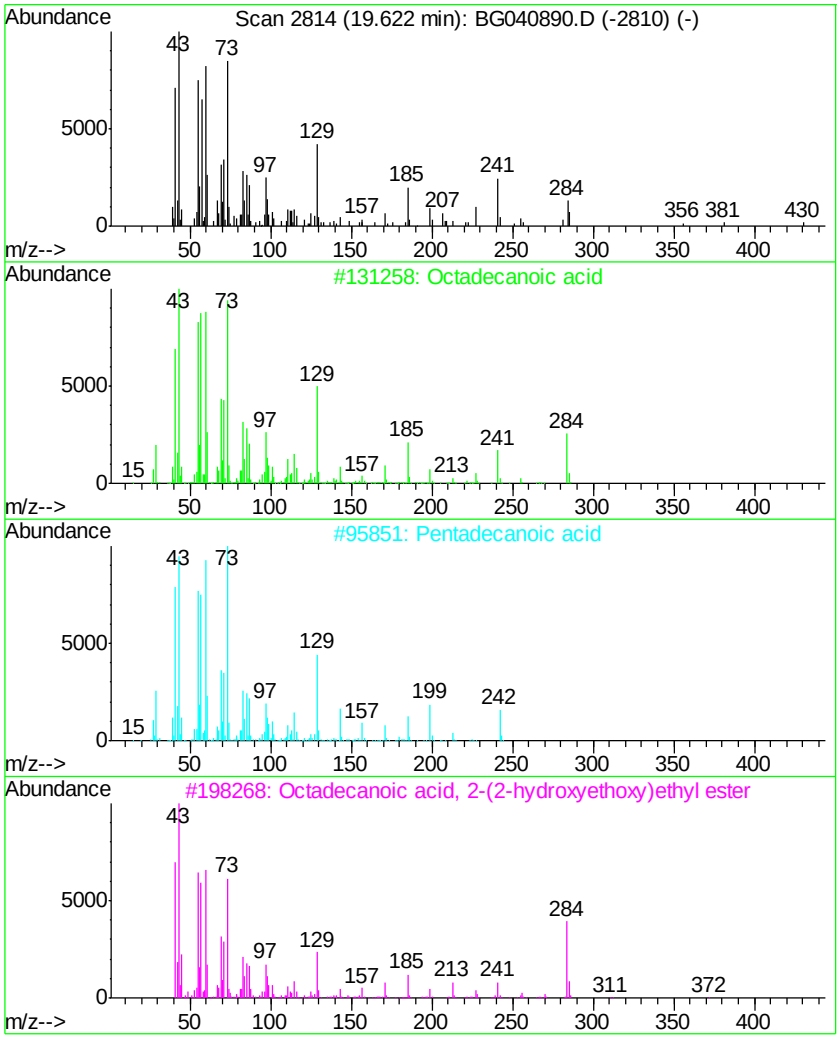
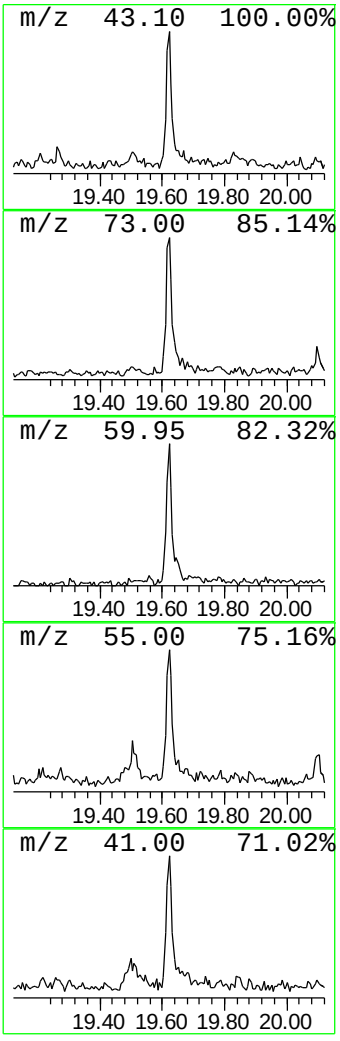
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.84 ng	170345	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : P021-SS006-1824-01

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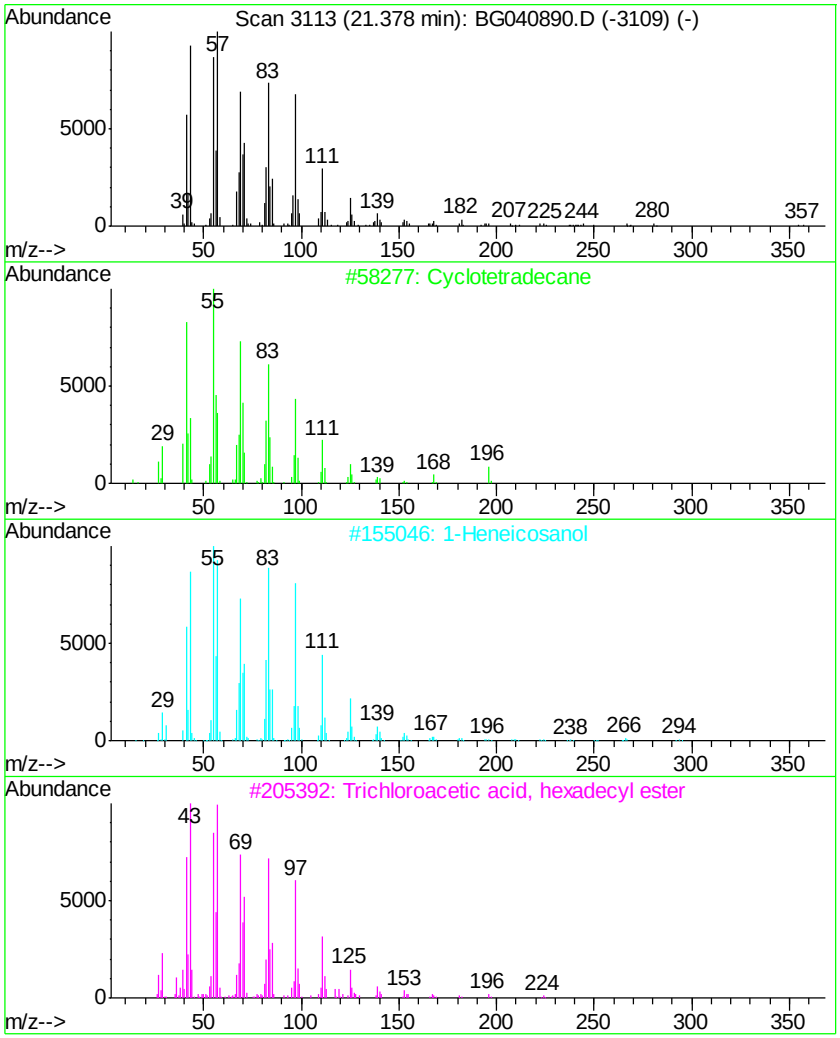
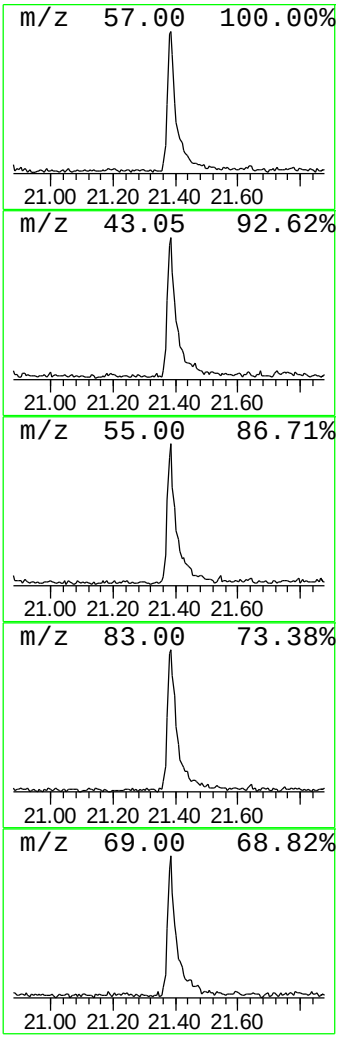
****

Peak Number 7 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	9.26 ng	488389	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

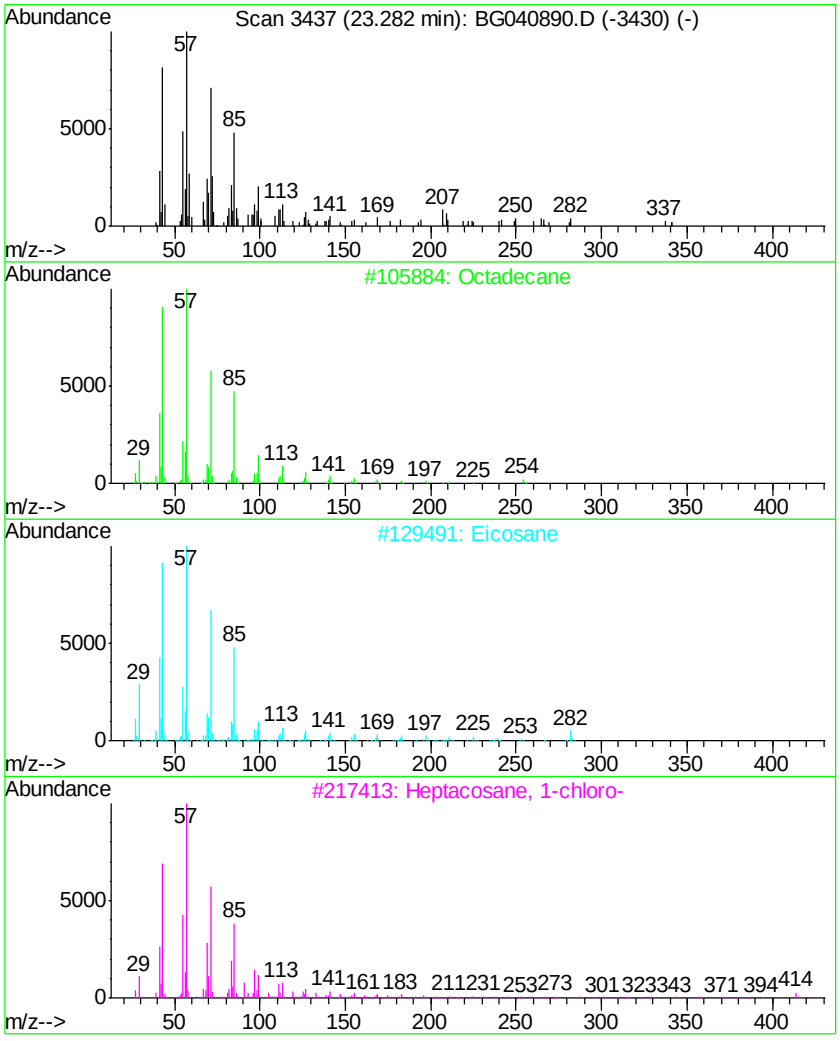
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

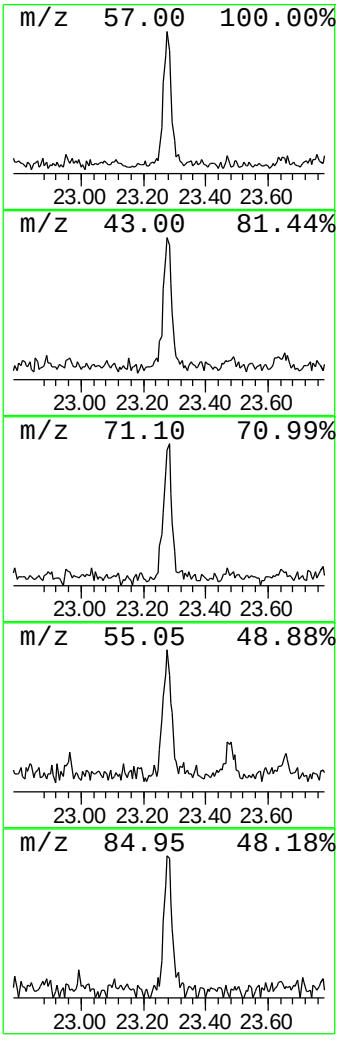
****

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.36 ng	124448	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Eicosane	282	C20H42	000112-95-8	78
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58
4	Hexacosane	366	C26H54	000630-01-3	58
5	Tetratetracontane	619	C44H90	007098-22-8	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

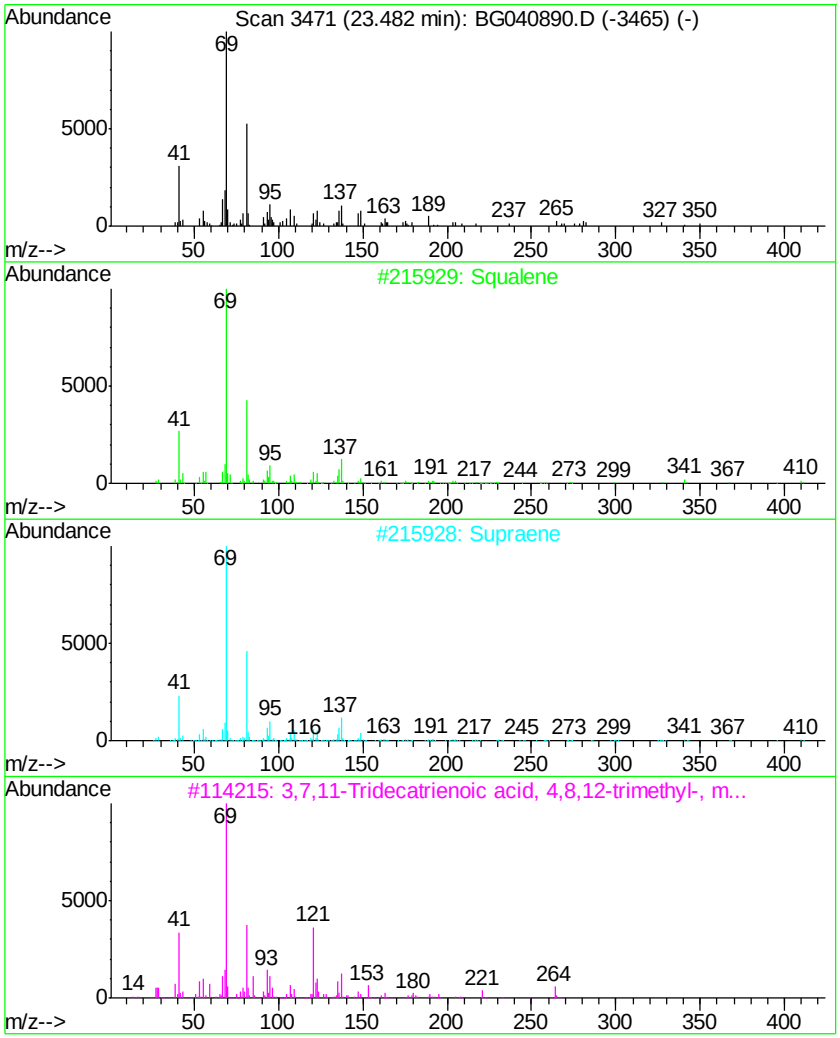
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

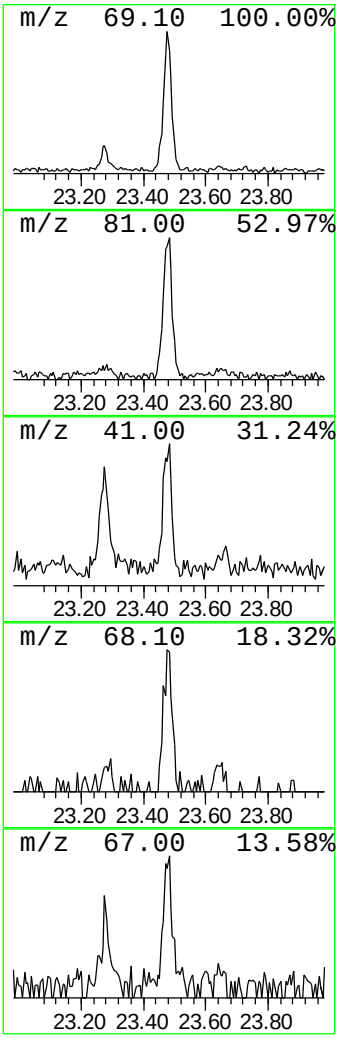
****

Peak Number 9 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	2.17 ng	119219	Perylene-d12	25.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	72
2	Supraene	410	C30H50	007683-64-9	72
3	3,7,11-Tridecatrienoic acid, 4,8...	264	C17H28O2	036237-69-1	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59
5	3-Ethyl-1,5-octadiene	138	C10H18	1000114-87-7	59





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.22	24.1	ng	375044	1	8.13	311737	20.0
unknown7.66	7.66	113.1	ng	1762780	1	8.13	311737	20.0
n-Hexadecanoic acid	18.36	12.1	ng	536824	4	17.51	887290	20.0
Octadecanoic acid	19.62	3.8	ng	170345	4	17.51	887290	20.0
Cyclotetradecane	21.38	9.3	ng	488389	5	21.78	1055110	20.0
Octadecane	23.28	2.4	ng	124448	5	21.78	1055110	20.0
Squalene	23.48	2.2	ng	119219	6	25.13	1098550	20.0