LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042972.D
Acq On : 1 Oct 2019 18:21
Operator : JU
Sample : K4946-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GP-4_(10-12)

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-BG092519.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	3.176	9	15	25	rBV2	88403	209475	3.13%	0.667%
2	3.259	25	29	41	rVB	83259	136406	2.04%	0.434%
3	5.656	430	437	449	rBV	1335293	2175695	32.47%	6.928%
4	7.242	699	707	720	rBV	1459223	2544890	37.98%	8.104%
5	7.607	761	769	783	rBV	1350289	2383740	35.58%	7.591%
6	8.071	841	848	855	rBV	236740	418432	6.25%	1.332%
7	8.394	895	903	912	rBV	1036960	1828312	27.29%	5.822%
8	9.228	1037	1045	1057	rBV	828349	1529684	22.83%	4.871%
9	10.873	1318	1325	1334	rBV	303658	541712	8.08%	1.725%
10	13.318	1733	1741	1751	rBV	2326131	3670832	54.79%	11.689%
11	14.140	1874	1881	1886	rBV	200745	304852	4.55%	0.971%
12	14.687	1968	1974	1985	rBV	500247	802809	11.98%	2.556%
13	16.173	2220	2227	2239	rBV	2359706	3493473	52.14%	11.124%
14	17.430	2434	2441	2452	rBV2	702982	1092083	16.30%	3.478%
15	18.318	2587	2592	2601	rBV2	127179	186744	2.79%	0.595%
16	20.039	2879	2885	2899	rBV	4953192	6700272	100.00%	21.336%
17	21.349	3103	3108	3124	rBV3	151419	392060	5.85%	1.248%
18	21.702	3161	3168	3178	rBV	802355	1387759	20.71%	4.419%
19	24.017	3558	3562	3569	rVB3	41918	81051	1.21%	0.258%
20	24.922	3706	3716	3734	rVB2	508257	1523295	22.73%	4.851%

Sum of corrected areas: 31403576

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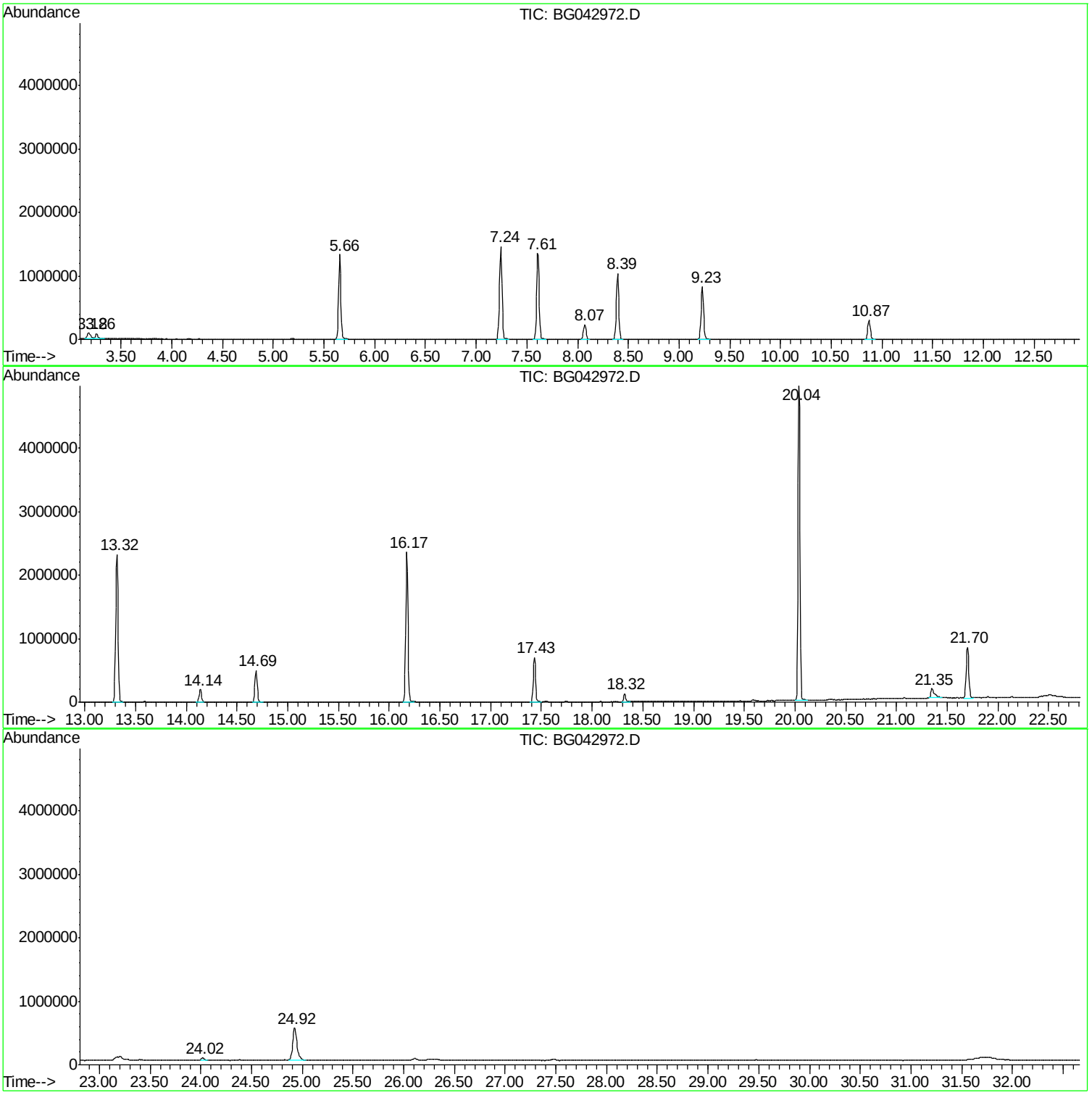
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GP-4_(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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

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Data File : BG042972.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

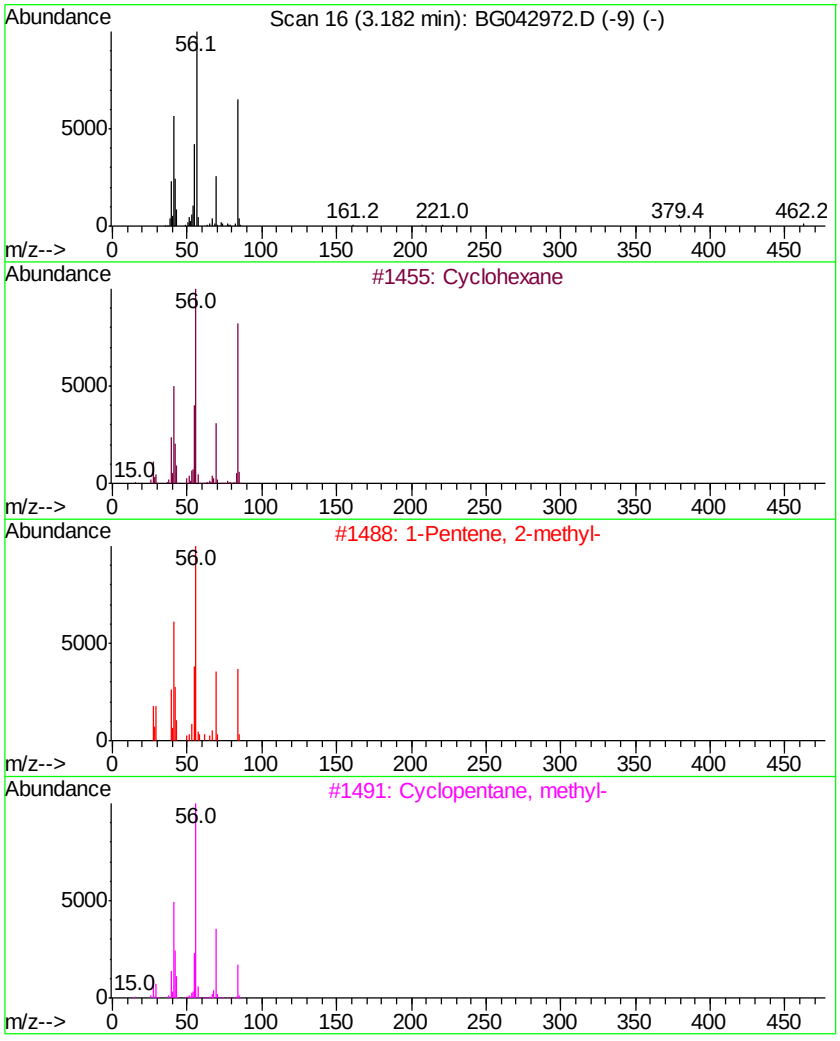
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

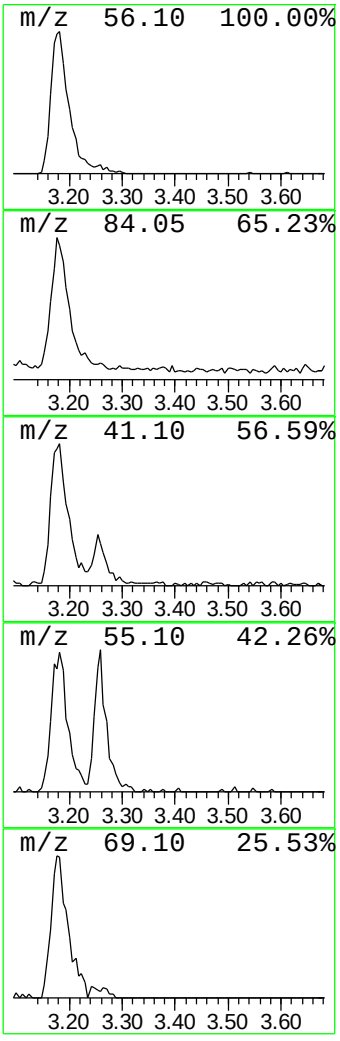
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	10.01 ng	209475	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	53
5	1-Hexene	84	C6H12	000592-41-6	50





Library Search Compound Report

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Data File : BG042972.D
Acq On : 1 Oct 2019 18:21
Operator : JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GP-4_(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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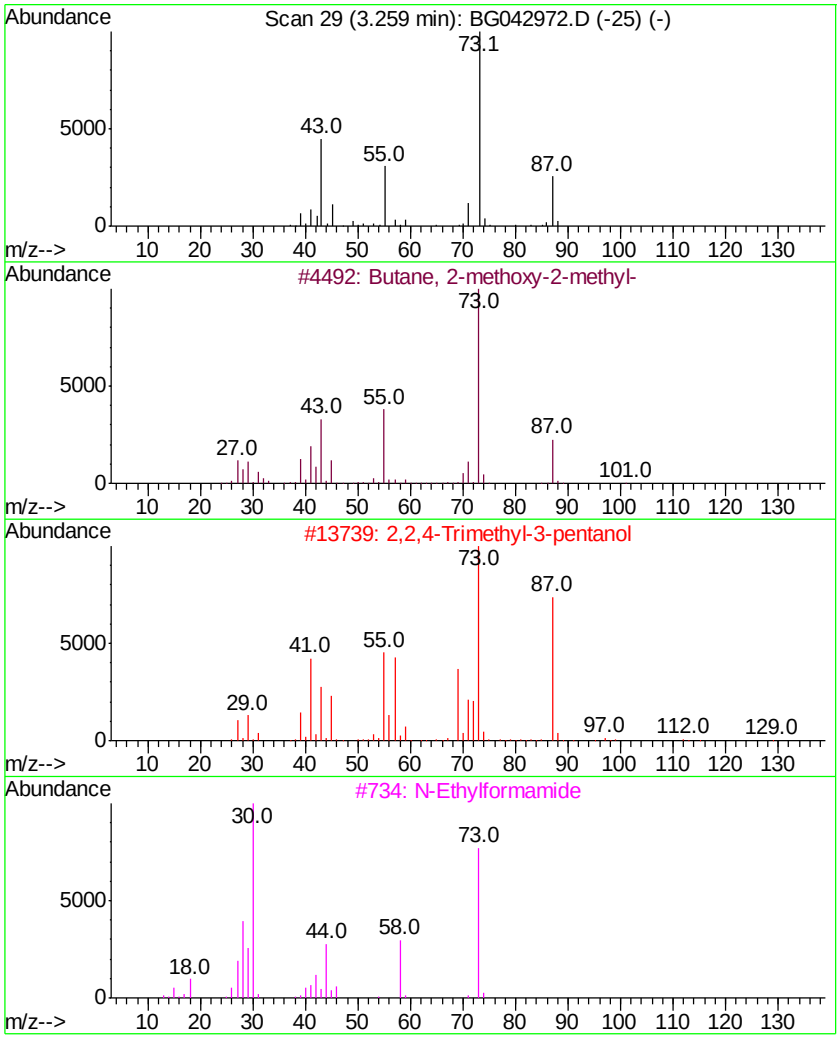
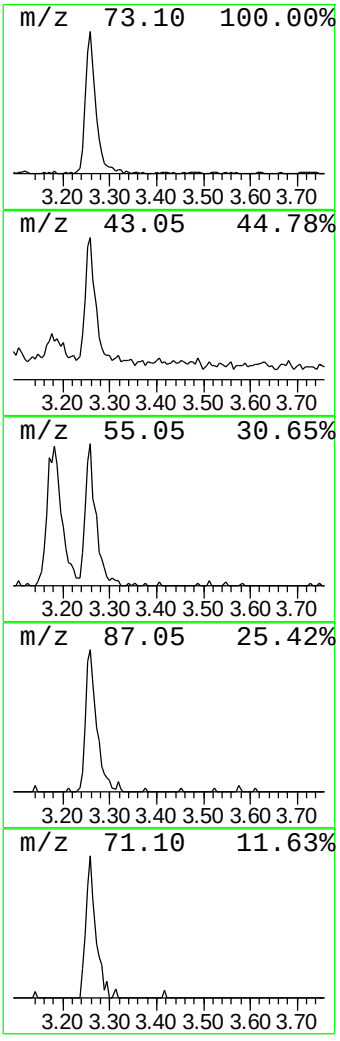
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	6.52 ng	136406	1,4-Dichlorobenzene-d4	8.07

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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042972.D
Acq On : 1 Oct 2019 18:21
Operator : JU
Sample : K4946-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GP-4_(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

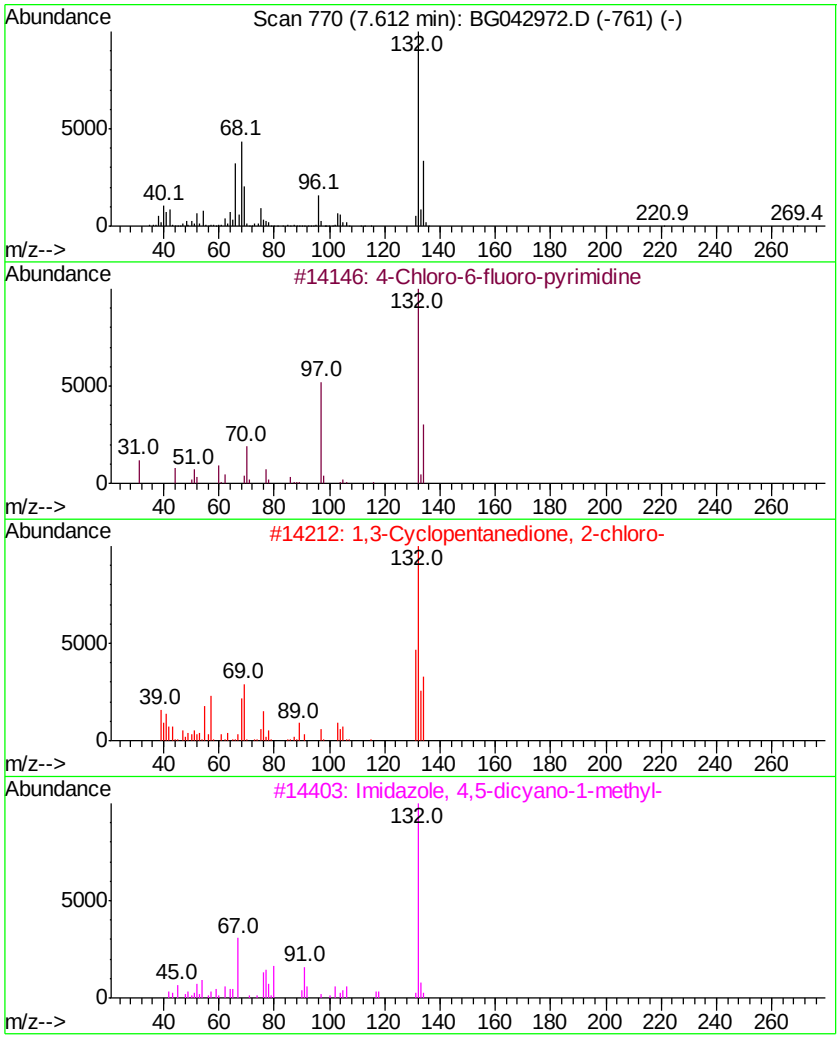
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

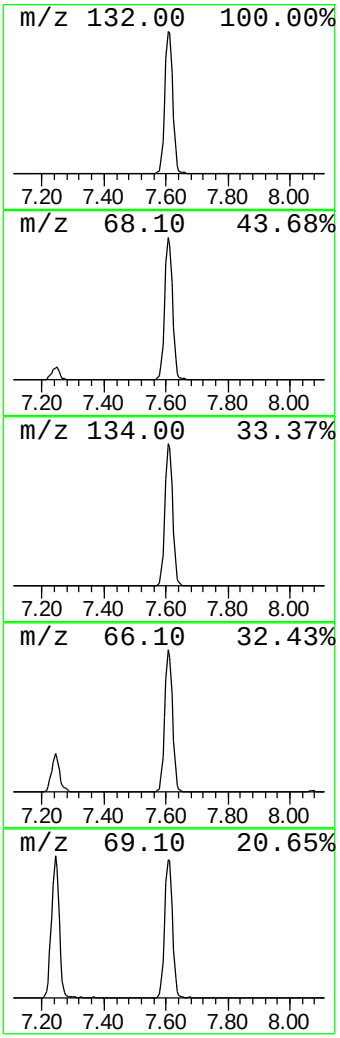
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	113.94 ng	2383740	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Sample : K4946-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GP-4_(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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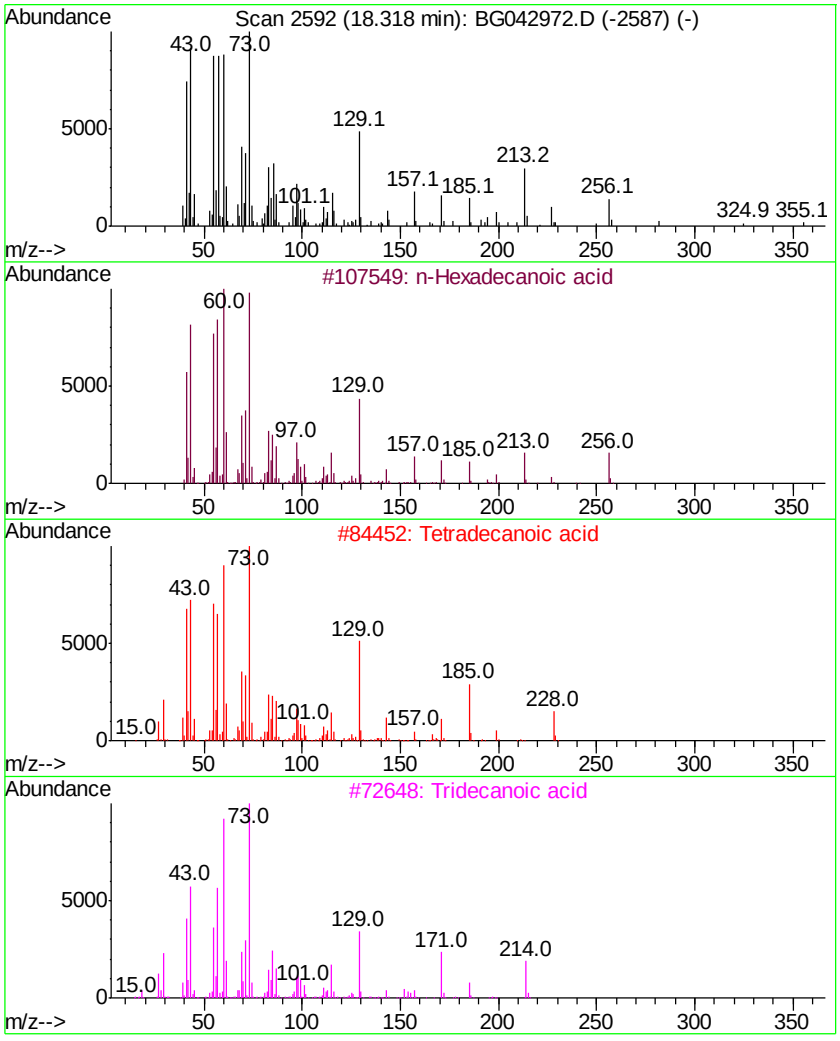
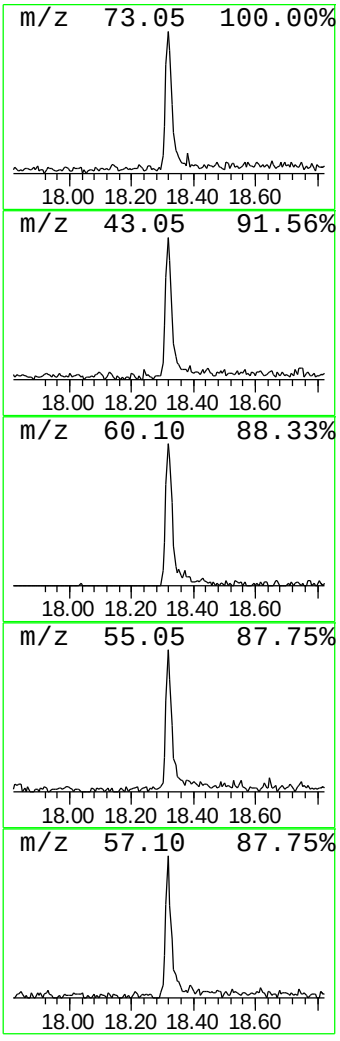
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.42 ng	186744	Phenanthrene-d10	17.43

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	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
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Acq On : 1 Oct 2019 18:21
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GP-4_(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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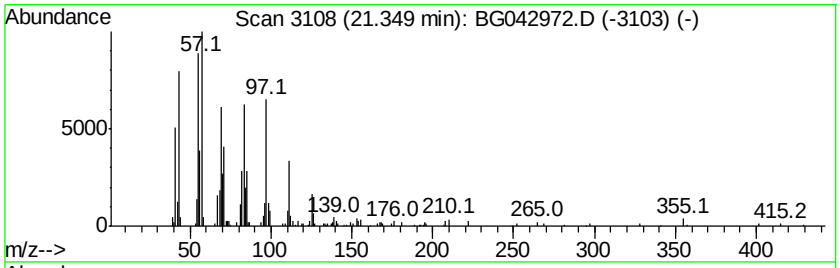
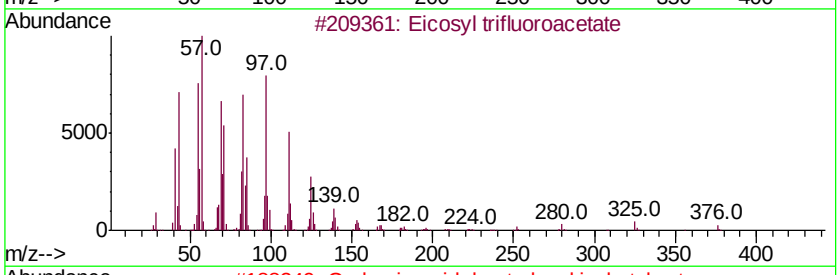
****

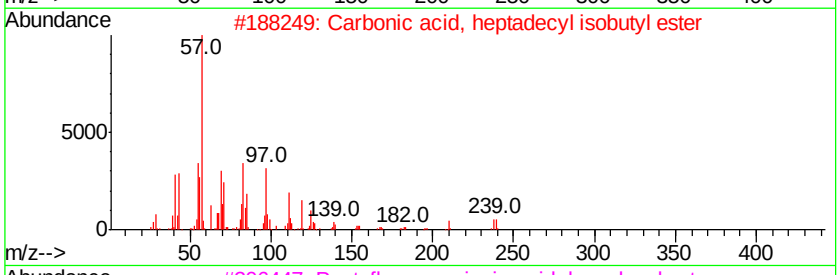
Peak Number 6 Eicosyl trifluoroacetate Concentration Rank 5

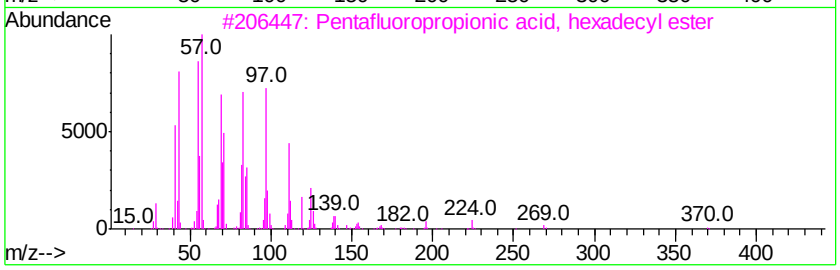
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.65 ng	392060	Chrysene-d12	21.70

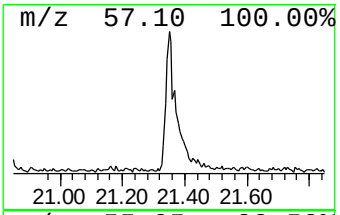
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
2	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	91
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Octacosanol	410	C28H58O	000557-61-9	90

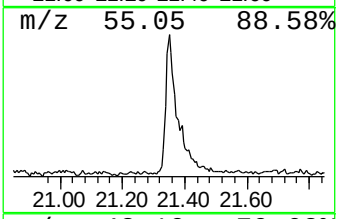


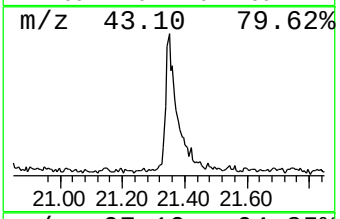


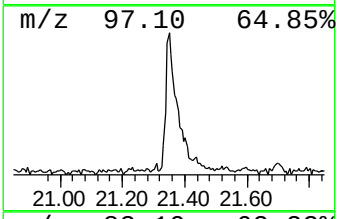


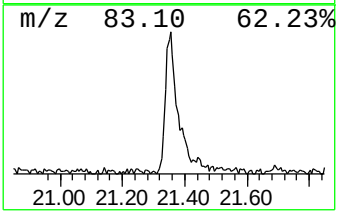












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.18	10.0	ng	209475	1	8.07	418432	20.0
Butane, 2-methoxy...	3.26	6.5	ng	136406	1	8.07	418432	20.0
unknown7.61	7.61	113.9	ng	2383740	1	8.07	418432	20.0
n-Hexadecanoic acid	18.32	3.4	ng	186744	4	17.43	1092080	20.0
Eicosyl trifluoro...	21.35	5.7	ng	392060	5	21.70	1387760	20.0