LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

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:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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	3.375	7	15	23	rBV6	10809	31997	1.58%	0.325%
2	3.463	24	30	40	rVB	24072	47067	2.33%	0.479%
3	5.643	393	401	407	rBV4	13326	23067	1.14%	0.235%
4	6.154	480	488	507	rBV	299800	603707	29.89%	6.139%
5	7.835	766	774	789	rBV	308333	633856	31.38%	6.446%
6	8.228	833	841	855	rBV	351204	696924	34.50%	7.087%
7	8.716	914	924	938	rVB	75342	146441	7.25%	1.489%
8	9.045	970	980	994	rBV	292781	567826	28.11%	5.774%
9	9.909	1118	1127	1142	rBV	203126	397904	19.70%	4.046%
10	11.589	1406	1413	1423	rBV	95162	189771	9.40%	1.930%
11	13.974	1811	1819	1828	rBV	700329	1142142	56.54%	11.615%
12	14.768	1948	1954	1960	rBV	41309	68492	3.39%	0.697%
13	15.343	2044	2052	2063	rBV3	170548	302940	15.00%	3.081%
14	16.824	2297	2304	2316	rBV	733073	1160109	57.43%	11.797%
15	18.081	2511	2518	2527	rBV	271596	417679	20.68%	4.247%
16	18.898	2650	2657	2664	rBV2	59555	95539	4.73%	0.972%
17	20.138	2863	2868	2874	rBV4	13196	24220	1.20%	0.246%
18	20.614	2943	2949	2961	rBV	1473002	2019889	100.00%	20.540%
19	21.947	3171	3176	3181	rBV2	63869	102628	5.08%	1.044%
20	22.406	3247	3254	3263	rBV	302494	577221	28.58%	5.870%
21	26.084	3870	3880	3894	rBV2	182080	584281	28.93%	5.942%

Sum of corrected areas: 9833700

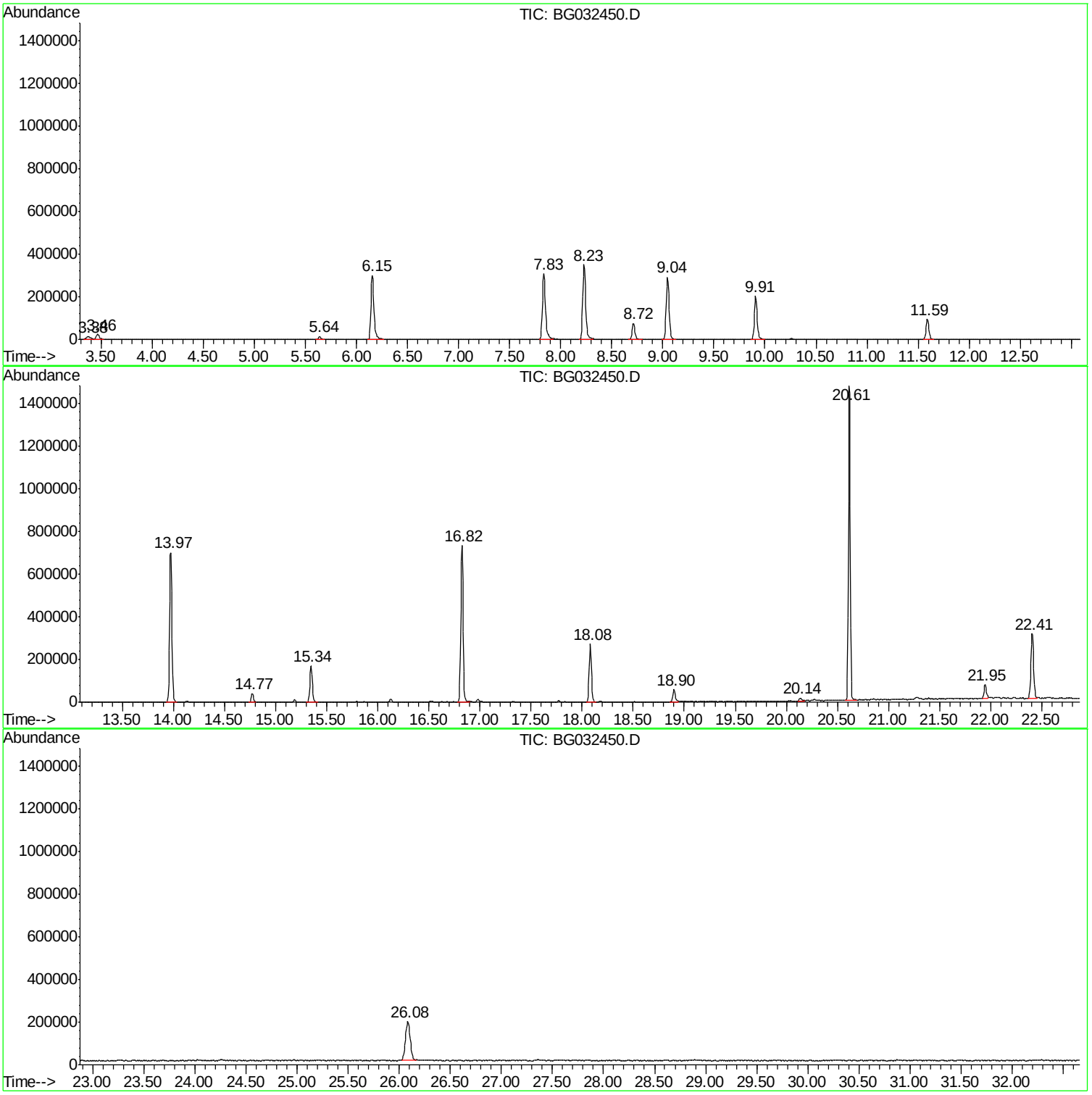
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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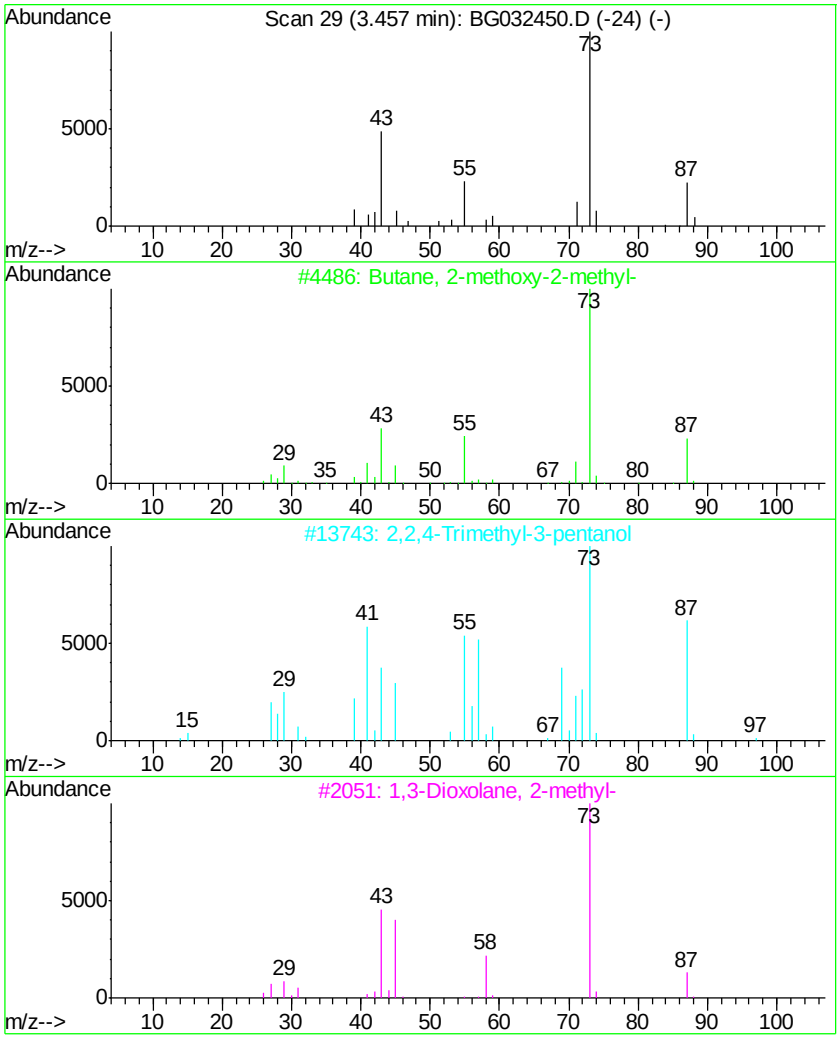
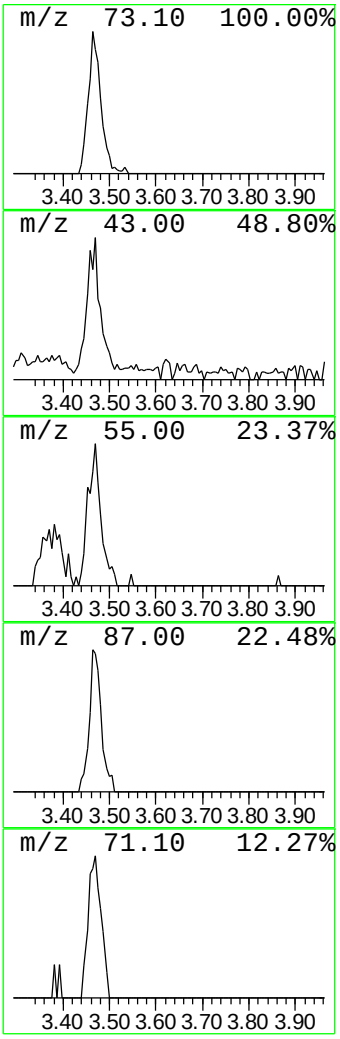
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	6.43 ng	47067	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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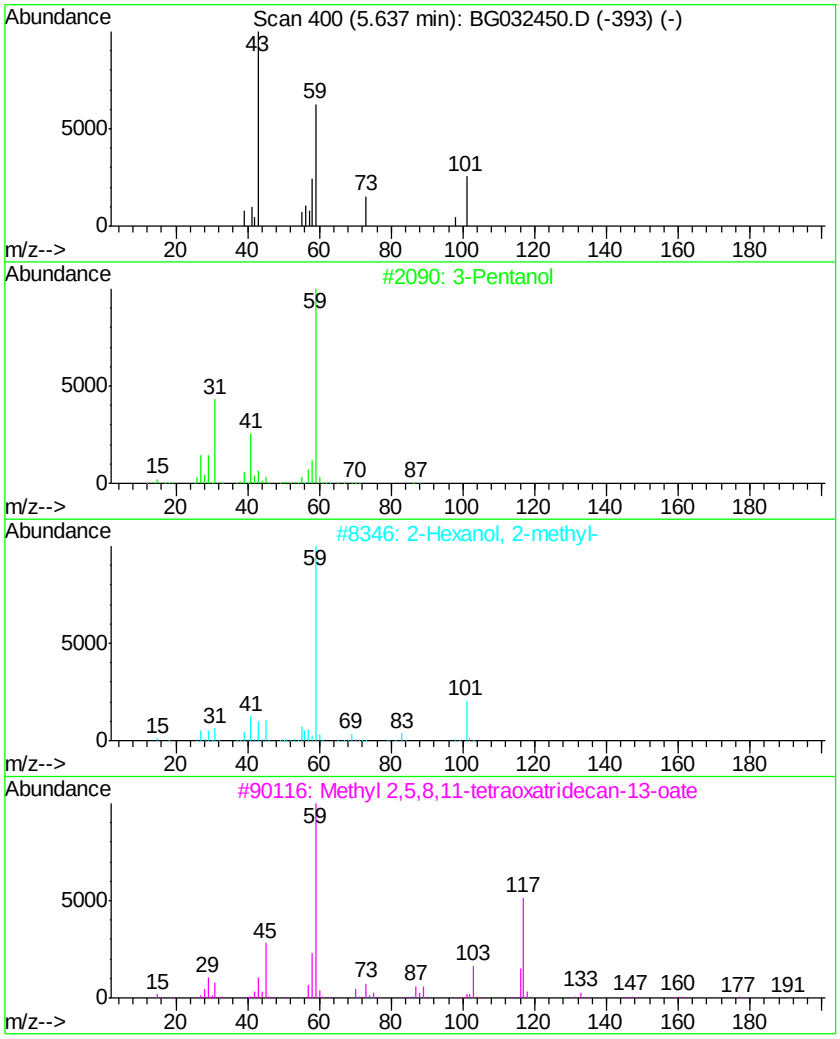
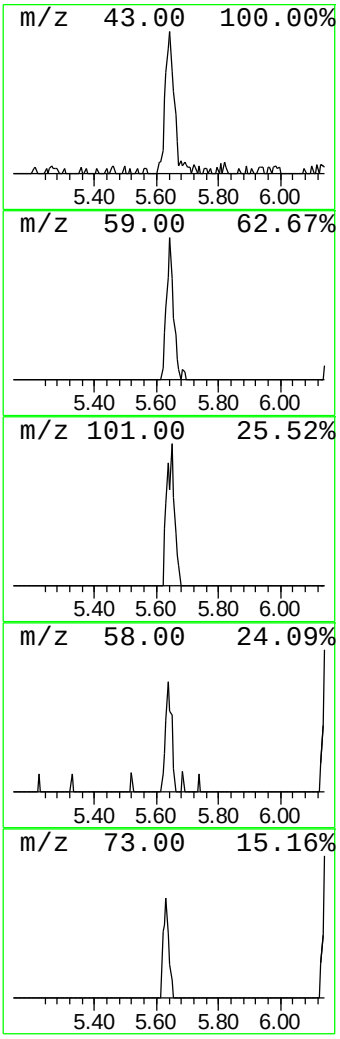
Peak Number 3 unknown5.64 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	3.15 ng	23067	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	40
4	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	39
5	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	39





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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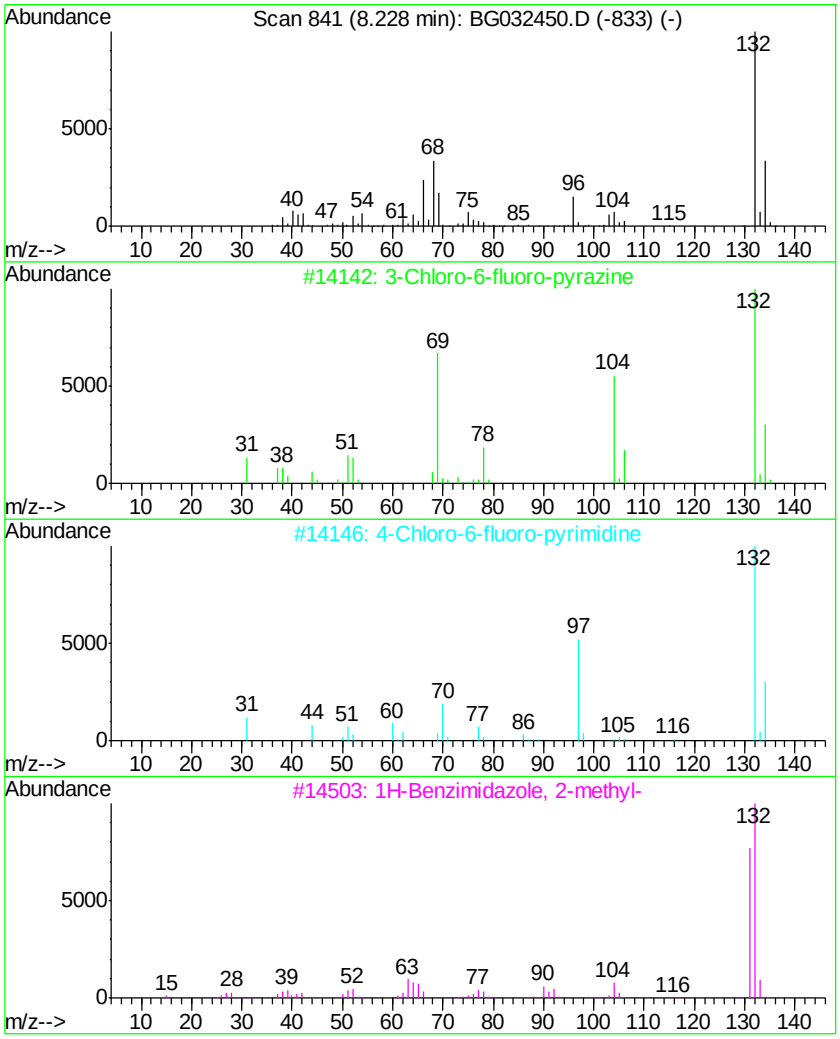
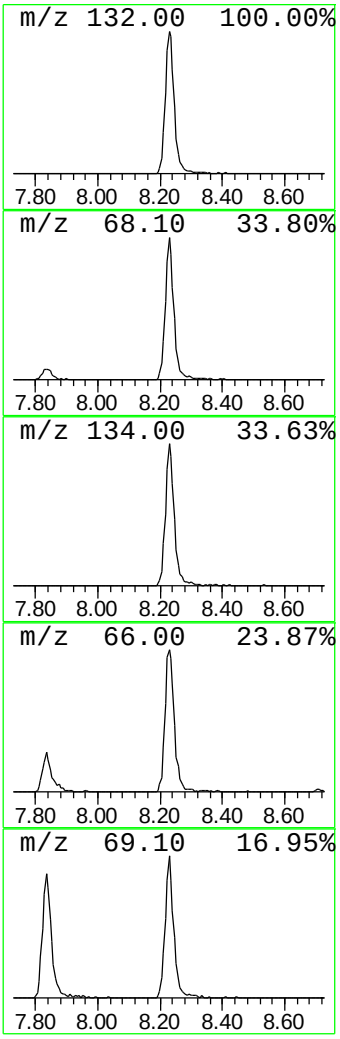
Peak Number 4 unknown8.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	95.18 ng	696924	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

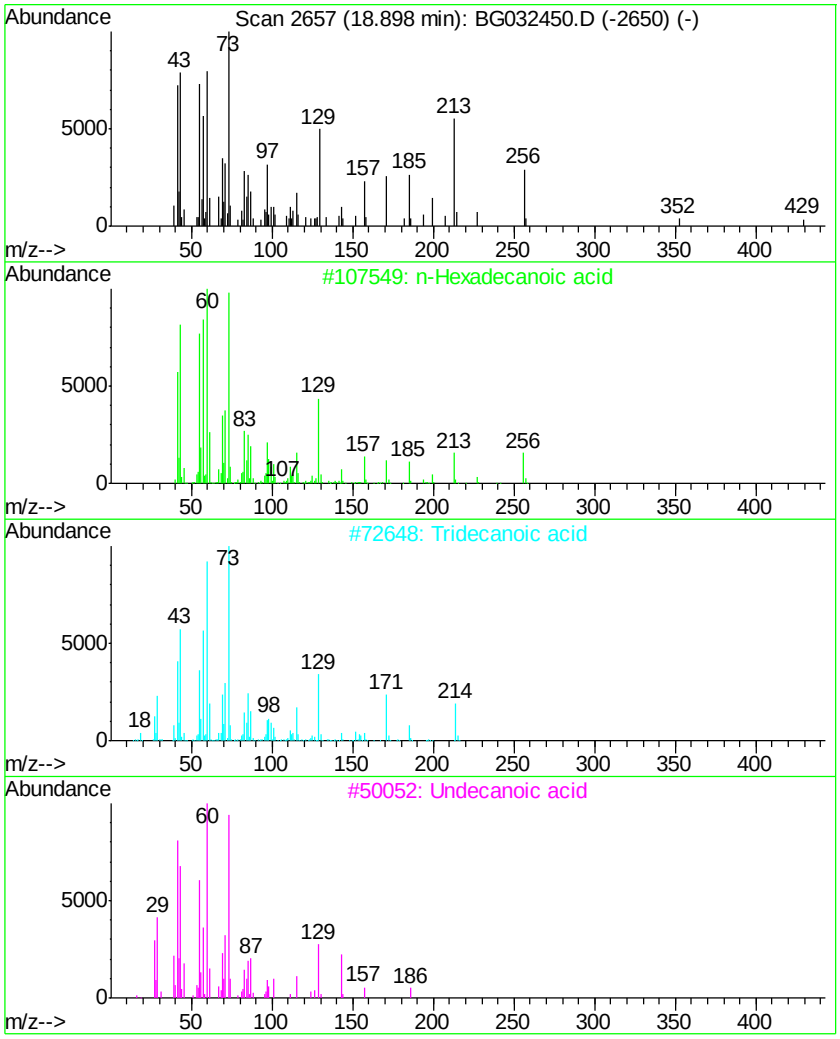
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

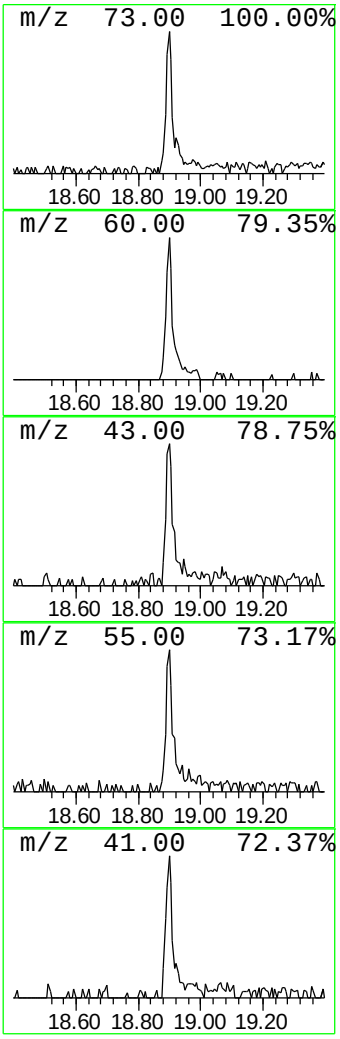
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	4.57 ng	95539	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032450.D
Acq On : 30 Jan 2018 20:22
Operator : SJ/JU
Sample : J1367-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

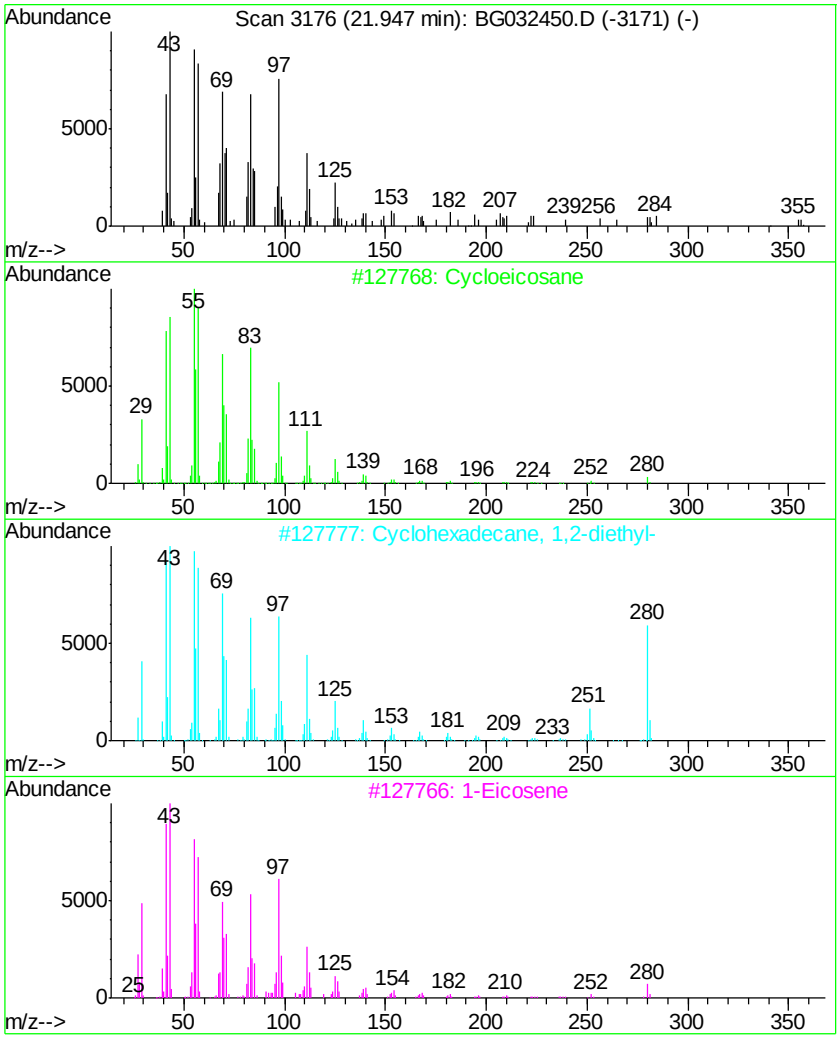
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

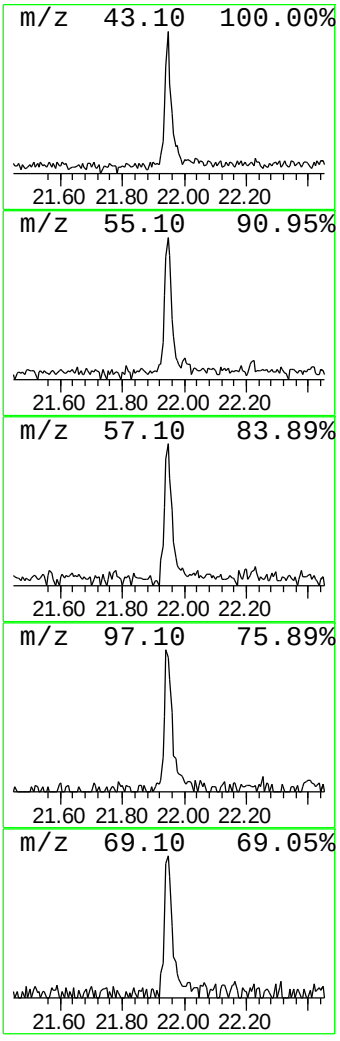
****

Peak Number 7 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	3.56 ng	102628	Chrysene-d12	22.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	93
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3	1-Eicosene	280	C20H40	003452-07-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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...	3.46	6.4	ng	47067	1	8.71	146441	20.0
unknown5.64	5.64	3.1	ng	23067	1	8.71	146441	20.0
unknown8.23	8.23	95.2	ng	696924	1	8.71	146441	20.0
n-Hexadecanoic acid	18.90	4.6	ng	95539	4	18.08	417679	20.0
Cycloeicosane	21.95	3.6	ng	102628	5	22.41	577221	20.0