LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039390.D
Acq On : 7 Feb 2019 20:18
Operator : JU/SJ
Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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	3.225	18	23	32	rBV	214666	424406	8.59%	1.800%
2	3.302	32	36	47	rVB	193254	284731	5.76%	1.208%
3	5.716	440	447	455	rBV	570623	912066	18.45%	3.869%
4	7.314	711	719	732	rBV	371363	688839	13.93%	2.922%
5	7.701	777	785	794	rBV	1025003	1769610	35.80%	7.507%
6	8.177	858	866	876	rBV	207263	356142	7.20%	1.511%
7	8.500	913	921	932	rVB	874719	1535459	31.06%	6.513%
8	9.352	1058	1066	1082	rBV	777659	1411977	28.56%	5.990%
9	11.003	1338	1347	1355	rVB	283209	515323	10.42%	2.186%
10	13.423	1750	1759	1767	rBV	2072718	3306420	66.89%	14.026%
11	14.246	1893	1899	1903	rBV	41355	62730	1.27%	0.266%
12	14.798	1986	1993	2001	rVB2	443084	747413	15.12%	3.171%
13	16.284	2237	2246	2262	rBV	1716895	2631958	53.24%	11.165%
14	17.541	2453	2460	2467	rBV2	611803	944858	19.11%	4.008%
15	18.399	2601	2606	2613	rBV2	57575	94826	1.92%	0.402%
16	20.138	2895	2902	2908	rBV	3749919	4943236	100.00%	20.969%
17	21.430	3117	3122	3130	rBV2	81321	128076	2.59%	0.543%
18	21.835	3183	3191	3199	rBV2	609104	1093103	22.11%	4.637%
19	22.000	3213	3219	3223	rBV3	36809	54248	1.10%	0.230%
20	22.634	3321	3327	3333	rBV2	49944	84813	1.72%	0.360%
21	23.363	3445	3451	3459	rVB2	63863	126478	2.56%	0.537%
22	24.209	3589	3595	3603	rVB2	60127	131871	2.67%	0.559%
23	25.213	3755	3766	3782	rVB2	399175	1210733	24.49%	5.136%
24	26.417	3962	3971	3982	rVB2	35542	114371	2.31%	0.485%

Sum of corrected areas: 23573687

LSC Report - Integrated Chromatogram

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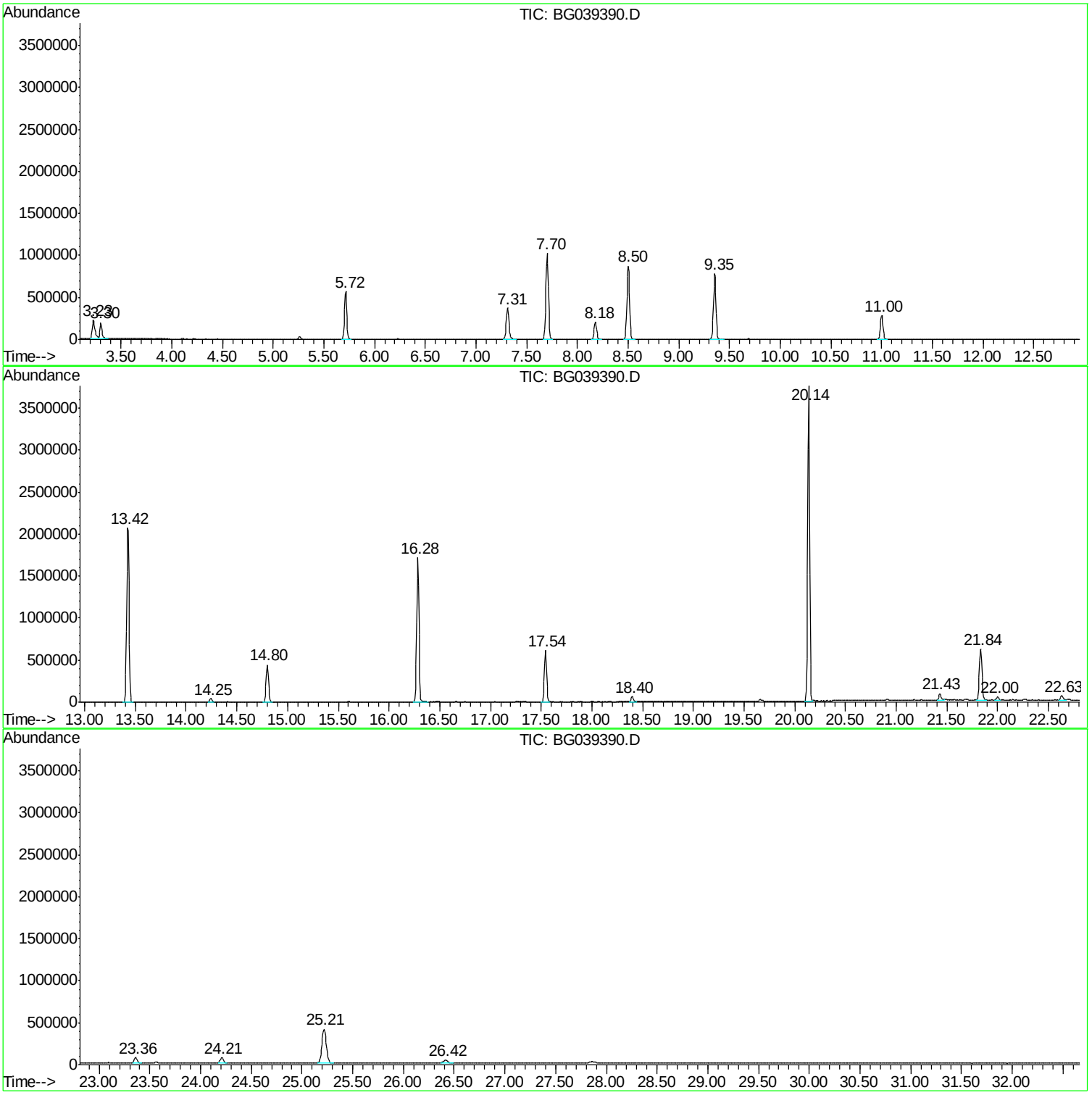
Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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\BG020719\
Data File : BG039390.D
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Operator : JU/SJ
Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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

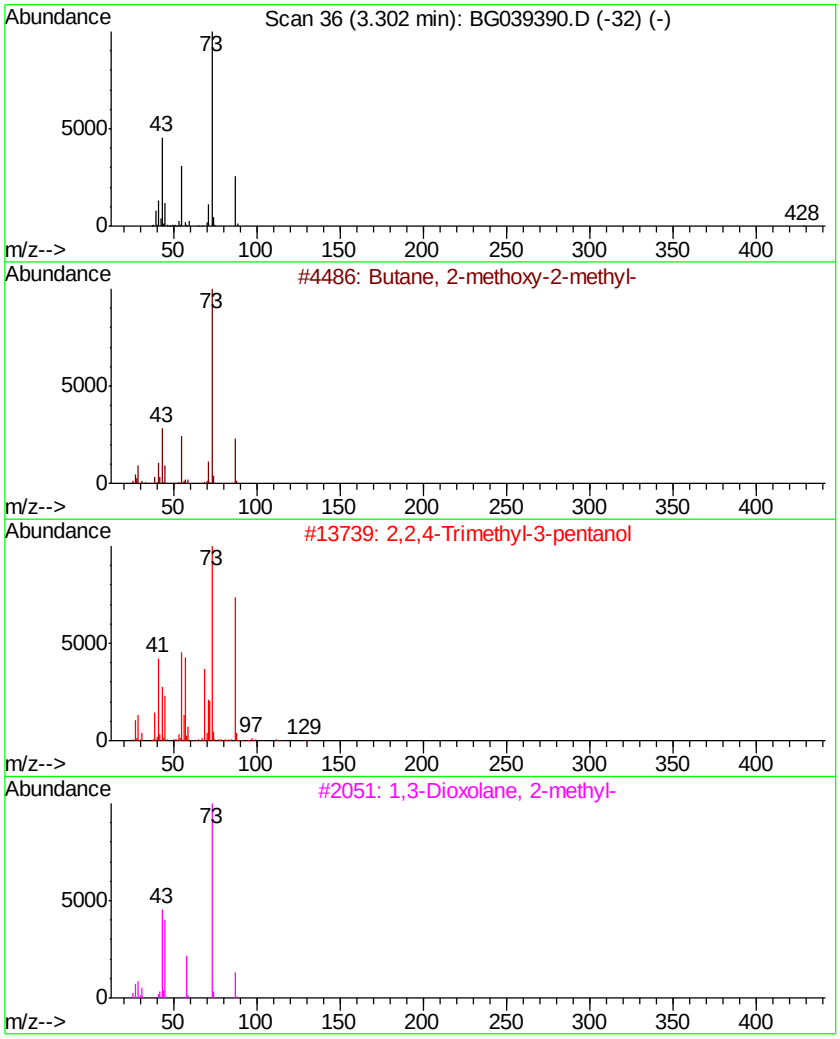
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

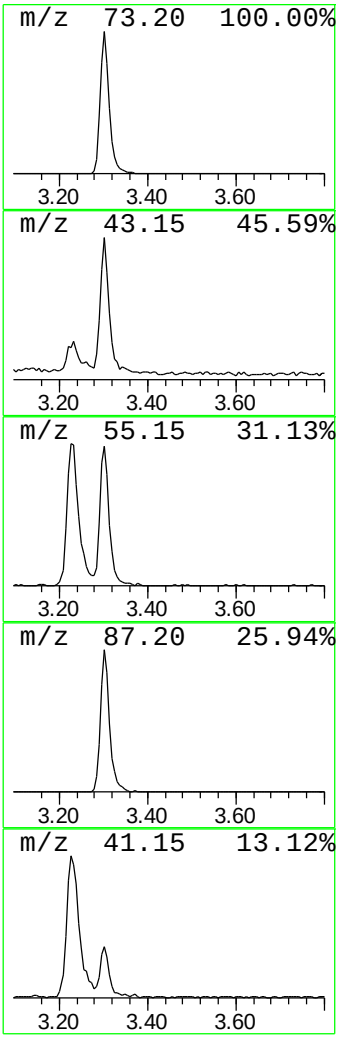
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	15.99 ng	284731	1,4-Dichlorobenzene-d4	8.18

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	23





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Operator : JU/SJ
Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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

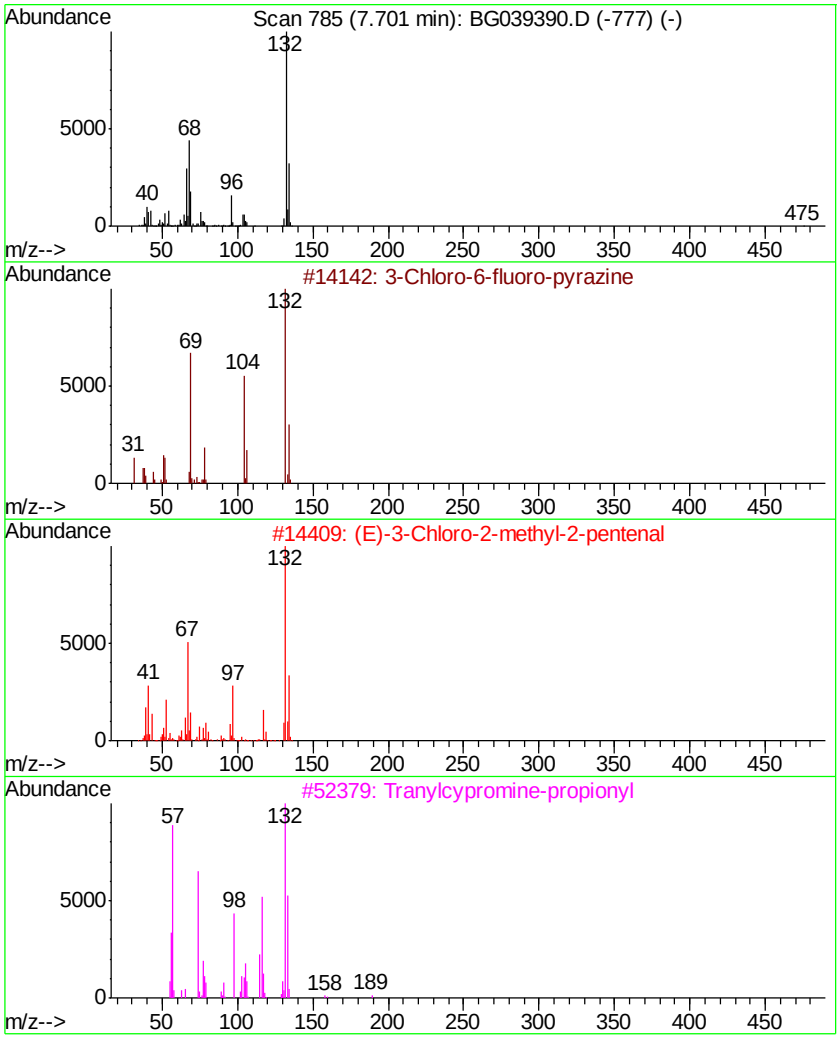
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

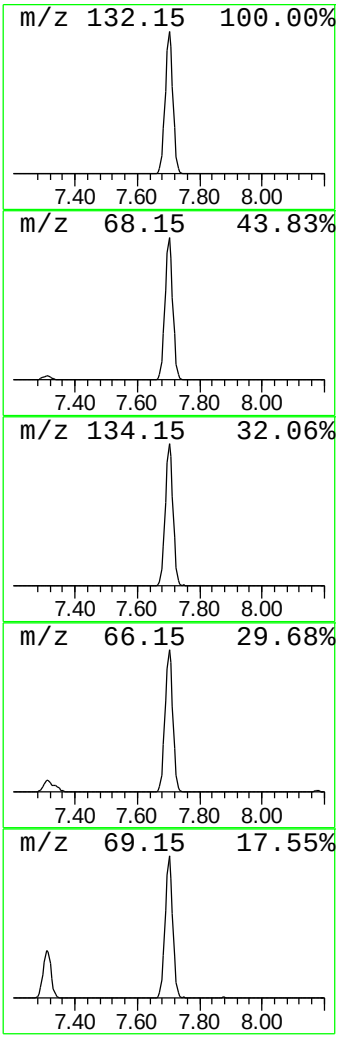
****

Peak Number 3 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	99.38 ng	1769610	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Operator : JU/SJ
Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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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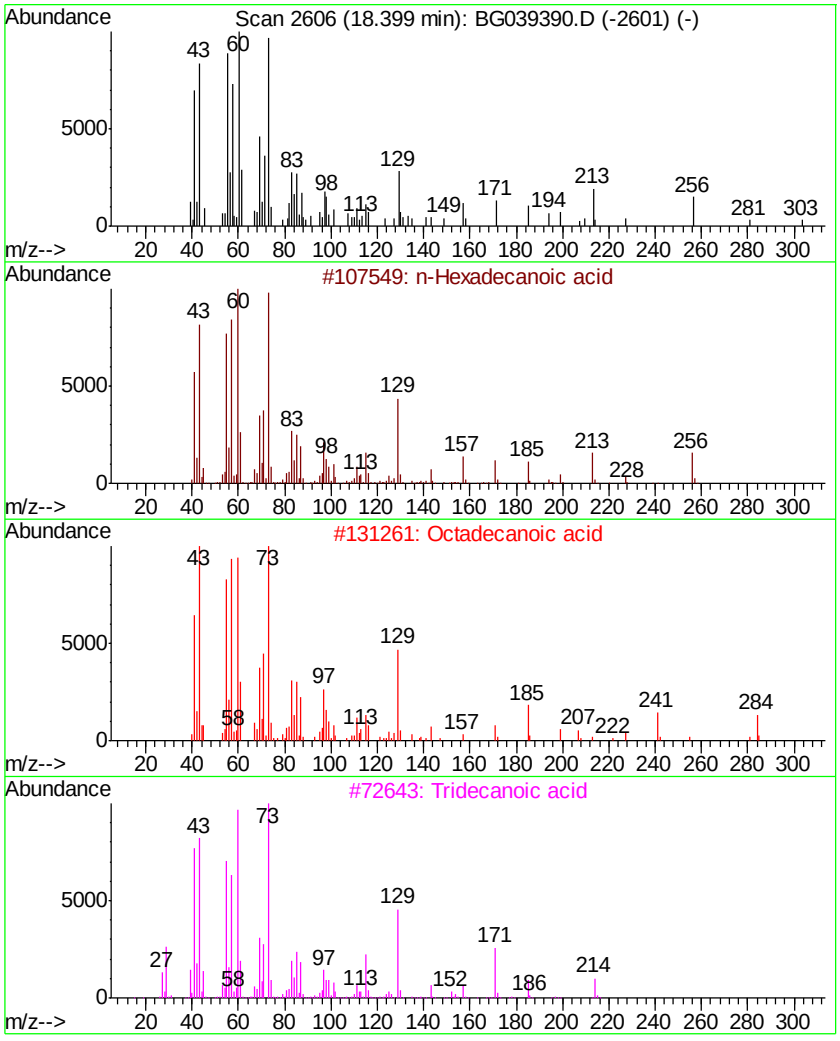
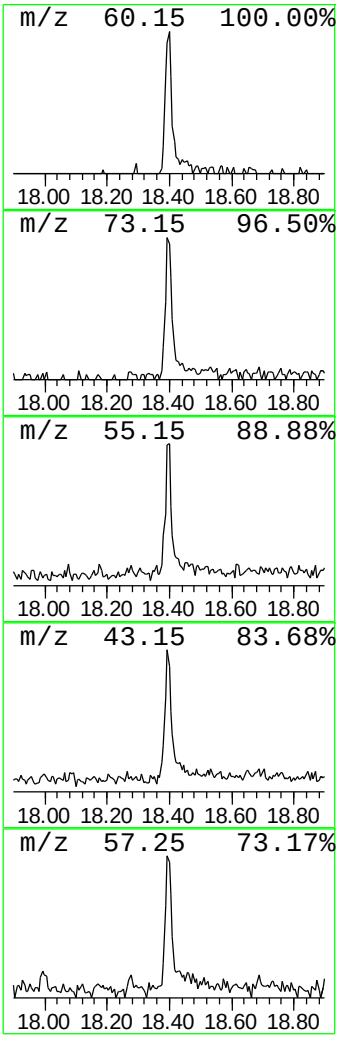
Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.01 ng	94826	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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

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TIC Integration Parameters: LSCINT.P

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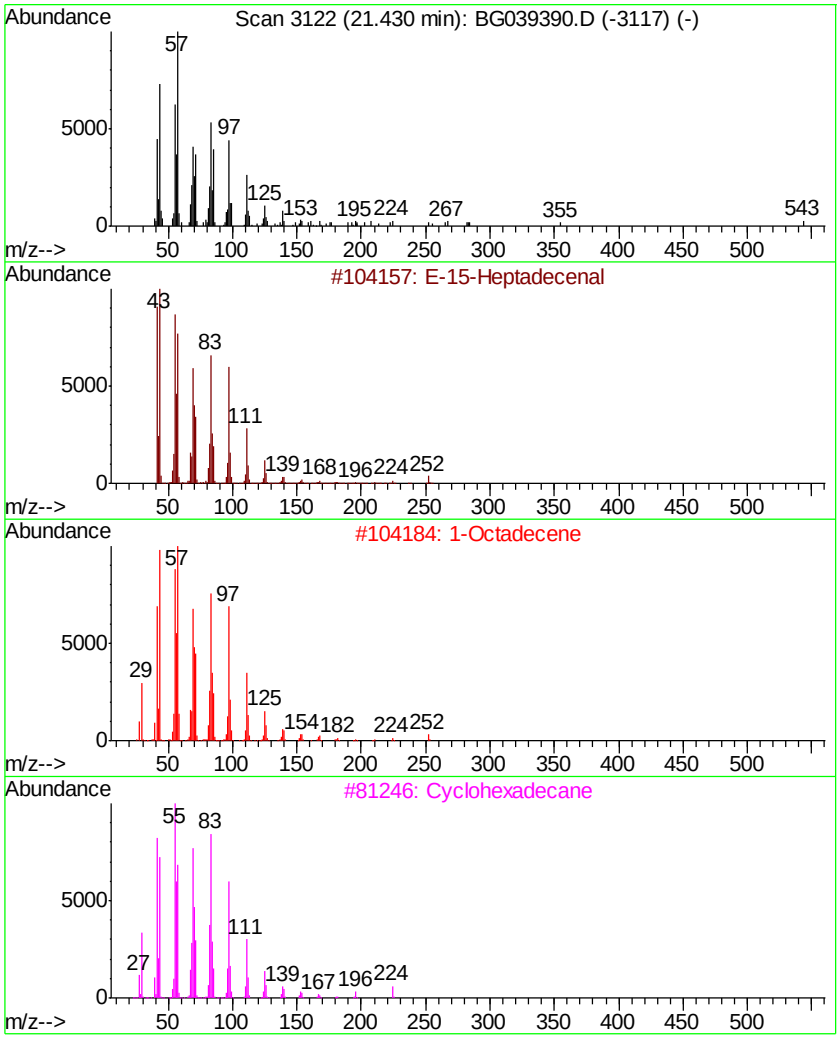
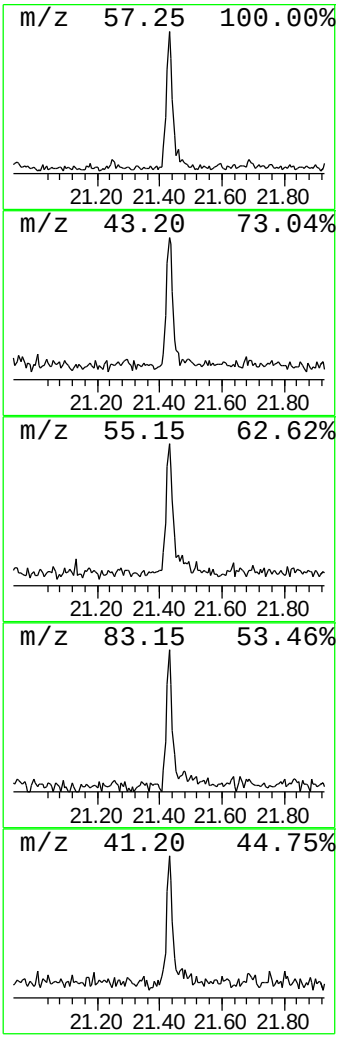
Peak Number 6 E-15-Heptadecenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.34 ng	128076	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	1-Octadecene	252	C18H36	000112-88-9	96
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	1-Octadecanol	270	C18H38O	000112-92-5	81
5	Cyclotetracosane	336	C24H48	000297-03-0	81





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Sample : K1392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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

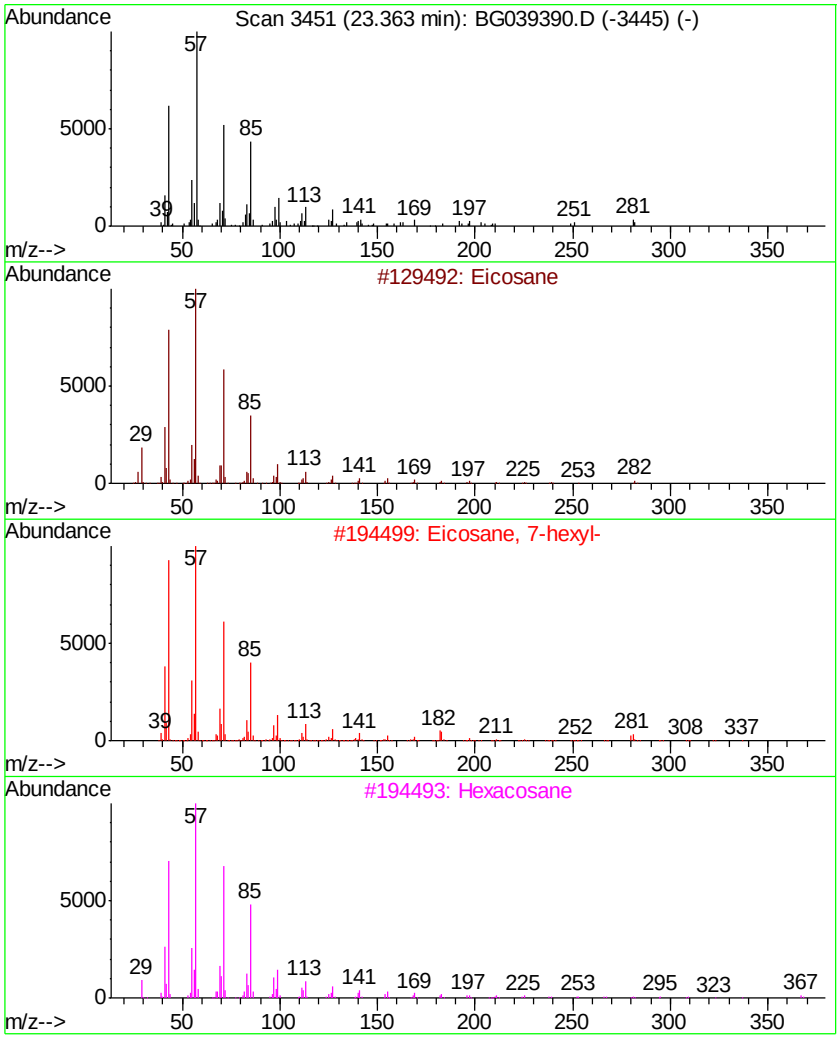
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

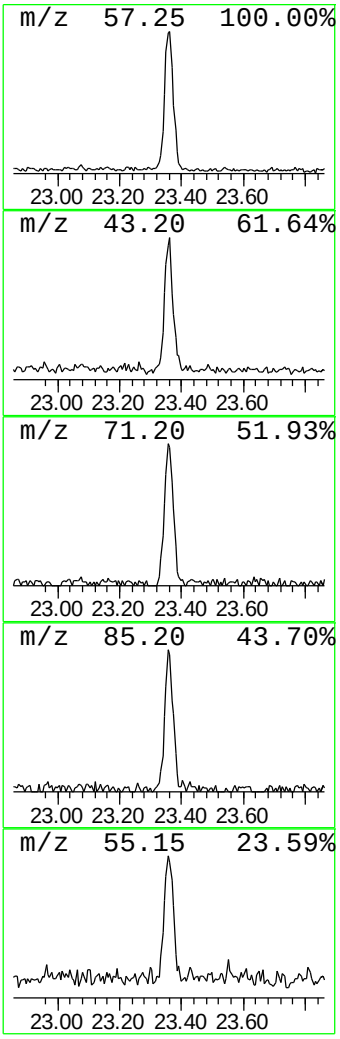
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.31 ng	126478	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentacosane	352	C25H52	000629-99-2	87





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Instrument : BNA_G
ClientSampleId : MW-8

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

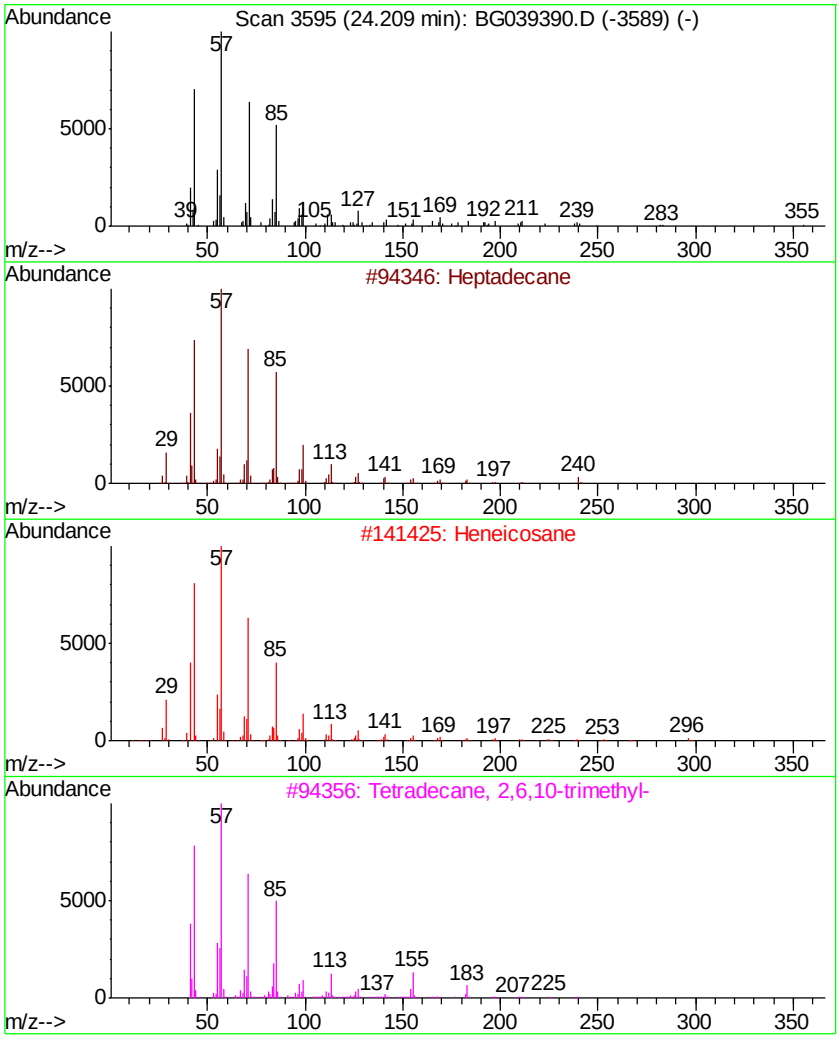
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

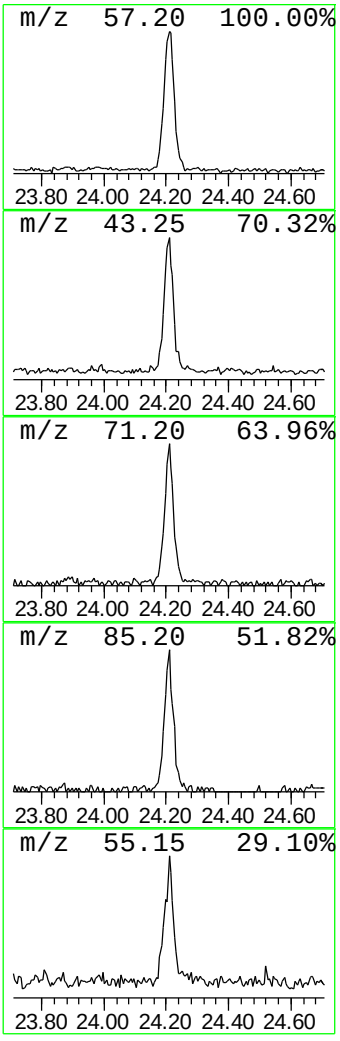
****

Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.18 ng	131871	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Eicosane	282	C20H42	000112-95-8	80





Tentatively Identified Compound (LSC) summary

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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...	3.30	16.0	ng	284731	1	8.18	356142	20.0
unknown7.70	7.70	99.4	ng	1769610	1	8.18	356142	20.0
n-Hexadecanoic acid	18.40	2.0	ng	94826	4	17.54	944858	20.0
E-15-Heptadecenal	21.43	2.3	ng	128076	5	21.83	1093100	20.0
Eicosane	23.36	2.3	ng	126478	5	21.83	1093100	20.0
Heptadecane	24.21	2.2	ng	131871	6	25.21	1210730	20.0