LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037769.D
Acq On : 3 Nov 2018 00:34
Operator : JU/SJ
Sample : J5803-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-002

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-BG101818.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	3.764	77	81	91	rBV	25816	47511	1.08%	0.169%
2	5.180	316	322	332	rVB	67552	114575	2.61%	0.407%
3	5.644	393	401	414	rBV	1268578	2160190	49.12%	7.668%
4	7.248	665	674	687	rBV	1415687	2733096	62.14%	9.701%
5	7.624	730	738	750	rBV	1315668	2361215	53.69%	8.381%
6	8.100	811	819	833	rVB	222804	400607	9.11%	1.422%
7	8.423	864	874	884	rBV	943291	1686756	38.35%	5.987%
8	9.275	1010	1019	1030	rBV	861958	1614170	36.70%	5.730%
9	10.920	1289	1299	1308	rBV	340227	629121	14.30%	2.233%
10	13.353	1705	1713	1721	rBV	2150077	3583599	81.48%	12.720%
11	14.175	1847	1853	1859	rBV	287703	414807	9.43%	1.472%
12	14.734	1940	1948	1957	rBV2	571728	934612	21.25%	3.318%
13	16.220	2193	2201	2213	rBV	1756078	2844591	64.68%	10.097%
14	17.477	2405	2415	2427	rBV2	692764	1102160	25.06%	3.912%
15	18.335	2555	2561	2580	rBV2	125184	237957	5.41%	0.845%
16	19.604	2771	2777	2783	rBV2	35877	60671	1.38%	0.215%
17	20.080	2852	2858	2869	rBV	3188928	4398002	100.00%	15.611%
18	21.373	3072	3078	3079	rBV2	49722	85155	1.94%	0.302%
19	21.767	3137	3145	3154	rBV	624473	1132906	25.76%	4.021%
20	21.913	3165	3170	3176	rVB	44337	73678	1.68%	0.262%
21	22.536	3271	3276	3282	rVB2	48948	83817	1.91%	0.298%
22	23.247	3392	3397	3403	rVB2	34300	61072	1.39%	0.217%
23	23.447	3425	3431	3439	rVB	43006	93158	2.12%	0.331%
24	24.076	3531	3538	3547	rVB2	72988	157034	3.57%	0.557%
25	25.098	3698	3712	3726	rBV2	298932	1025327	23.31%	3.640%
26	26.226	3895	3904	3914	rVB4	42234	136301	3.10%	0.484%

Sum of corrected areas: 28172088

LSC Report - Integrated Chromatogram

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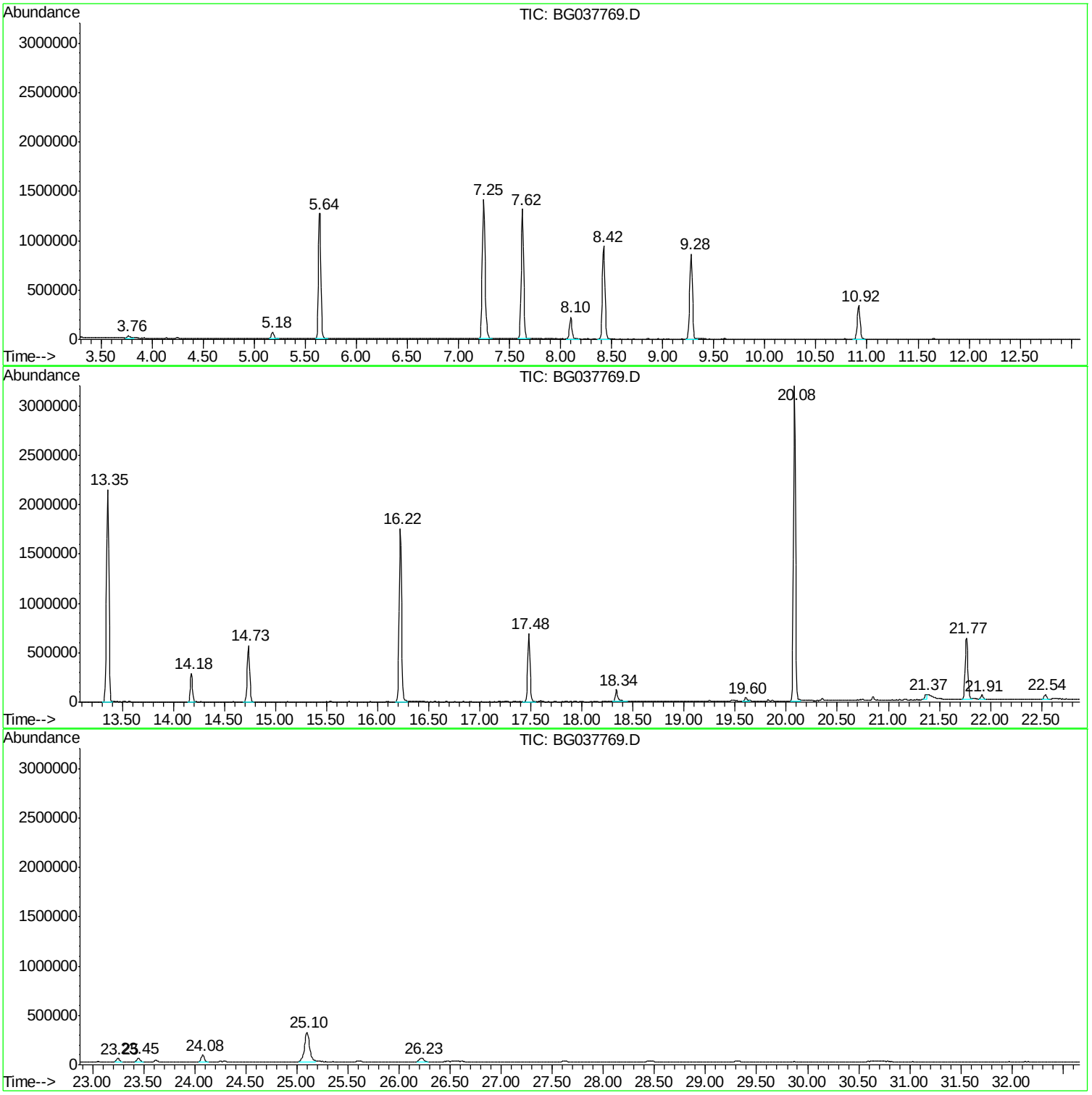
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037769.D
Acq On : 3 Nov 2018 00:34
Operator : JU/SJ
Sample : J5803-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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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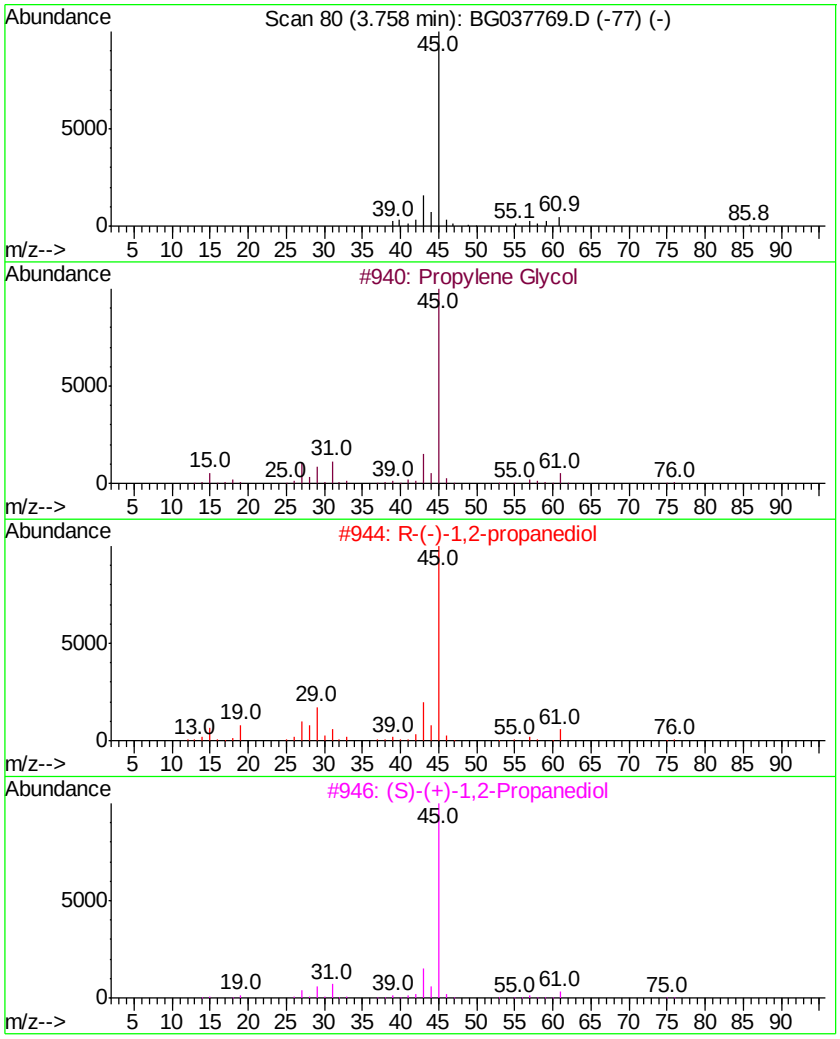
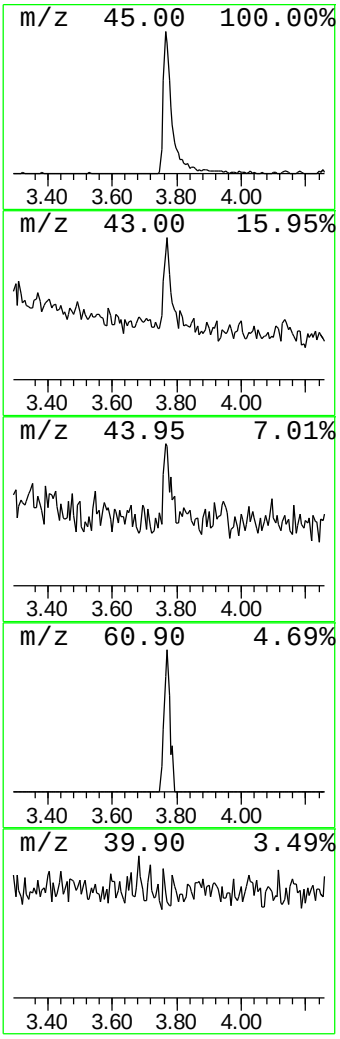
Peak Number 1 unknown3.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.37 ng	47511	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	43
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9
5	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9





Library Search Compound Report

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Data File : BG037769.D
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Operator : JU/SJ
Sample : J5803-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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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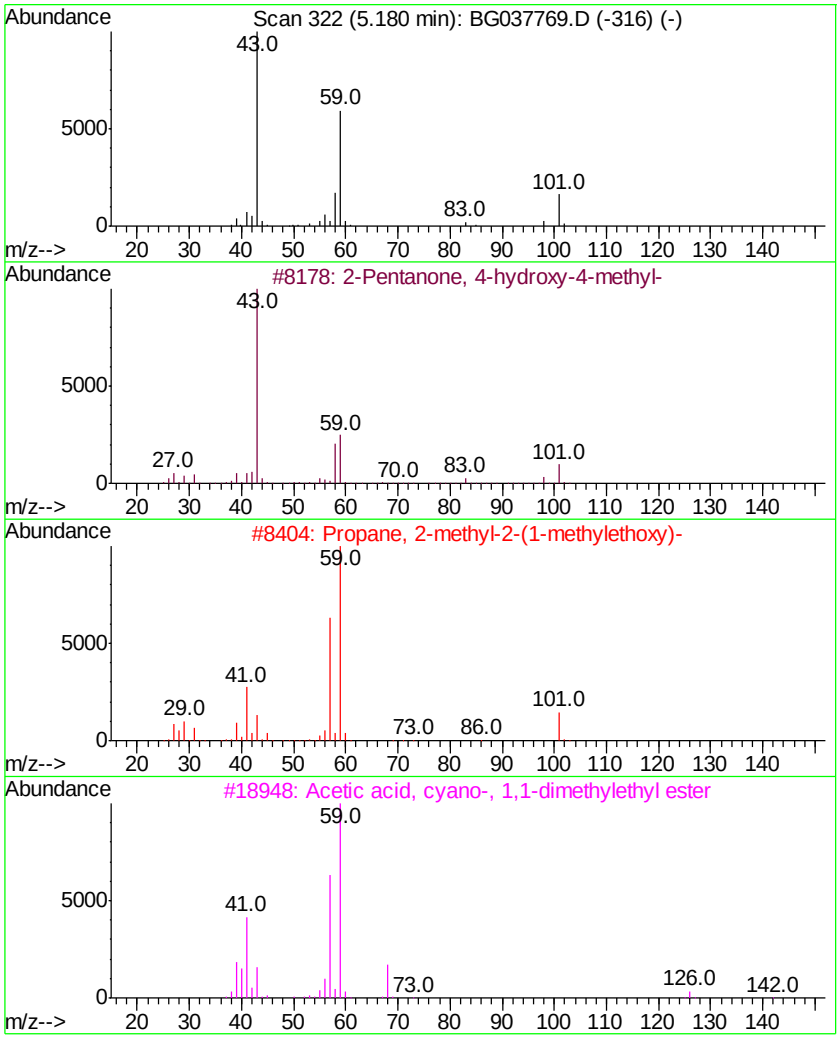
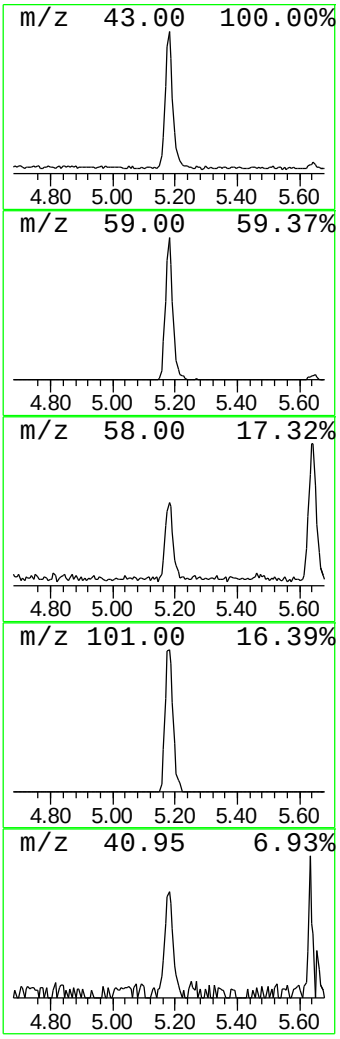
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	5.72 ng	114575	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	12
5	Guanidine	59	CH5N3	000113-00-8	9





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Data File : BG037769.D
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Operator : JU/SJ
Sample : J5803-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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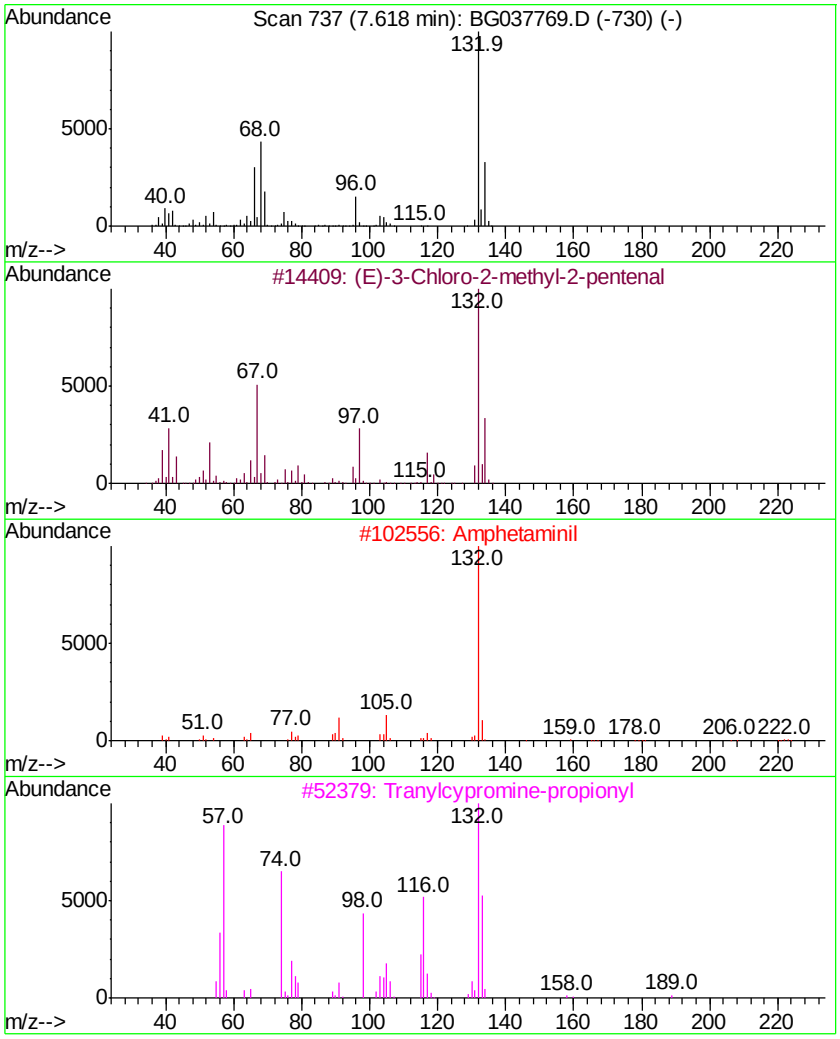
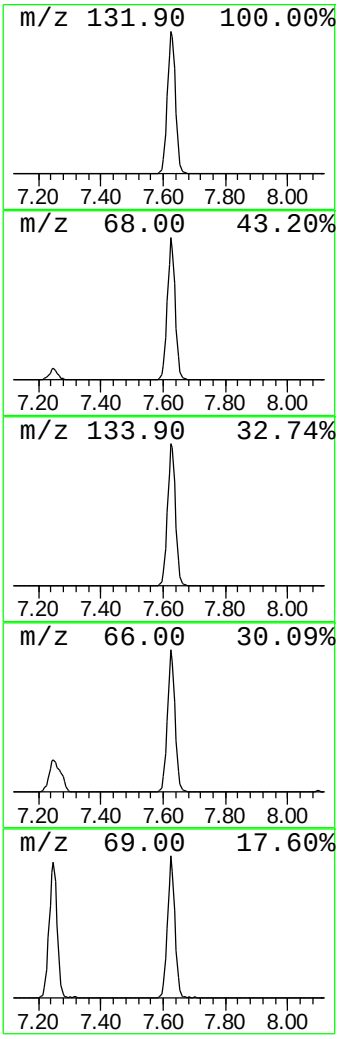
Peak Number 3 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	117.88 ng	2361220	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
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Operator : JU/SJ
Sample : J5803-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SODUS-TS-002

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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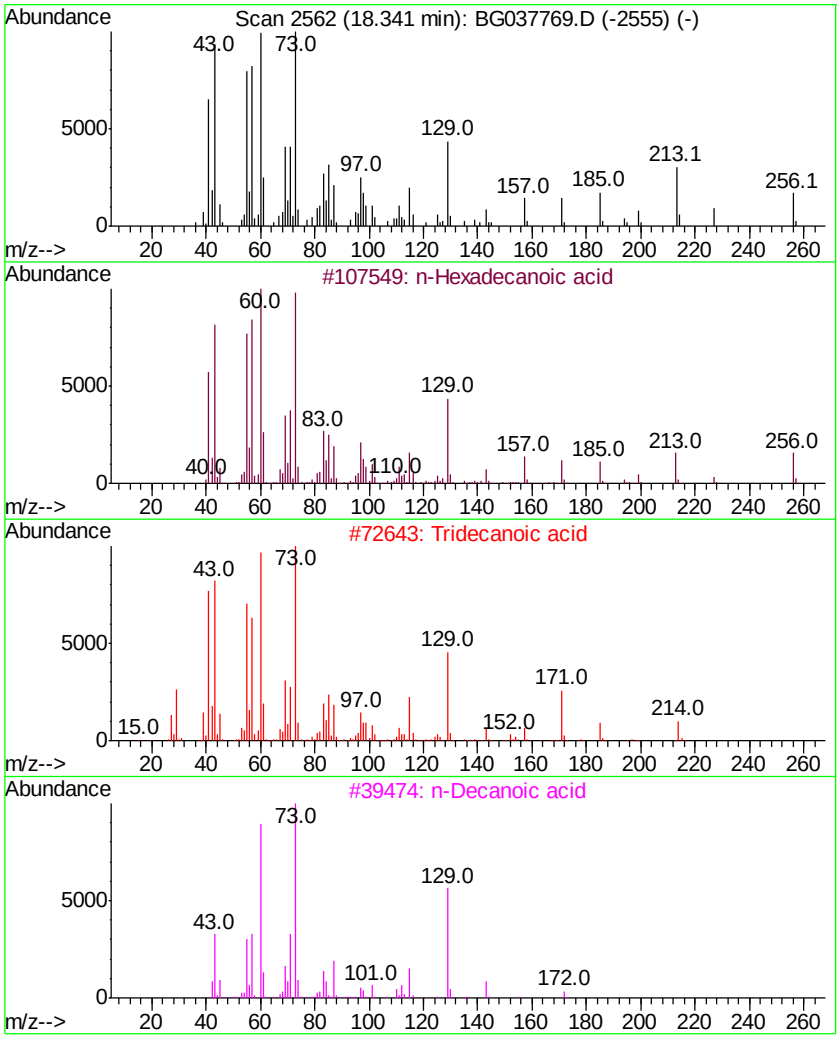
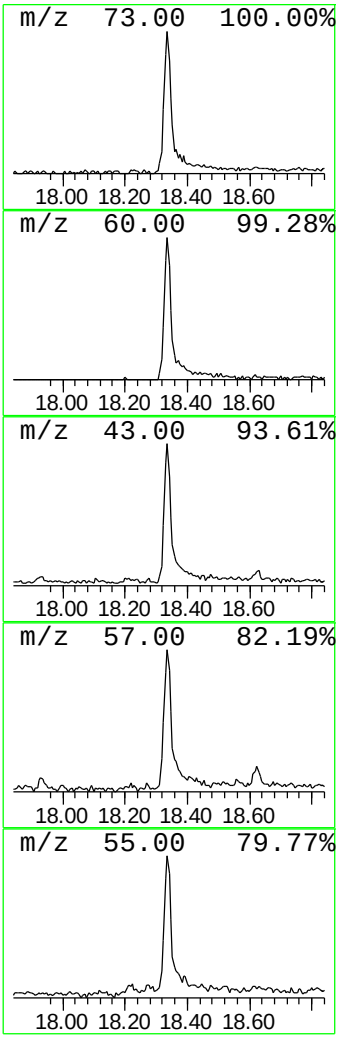
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.32 ng	237957	Phenanthrene-d10	17.48

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	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Operator : JU/SJ
Sample : J5803-02
Misc :
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Instrument : BNA_G
ClientSampleId : SODUS-TS-002

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TIC Library : C:\Database\NIST11.L
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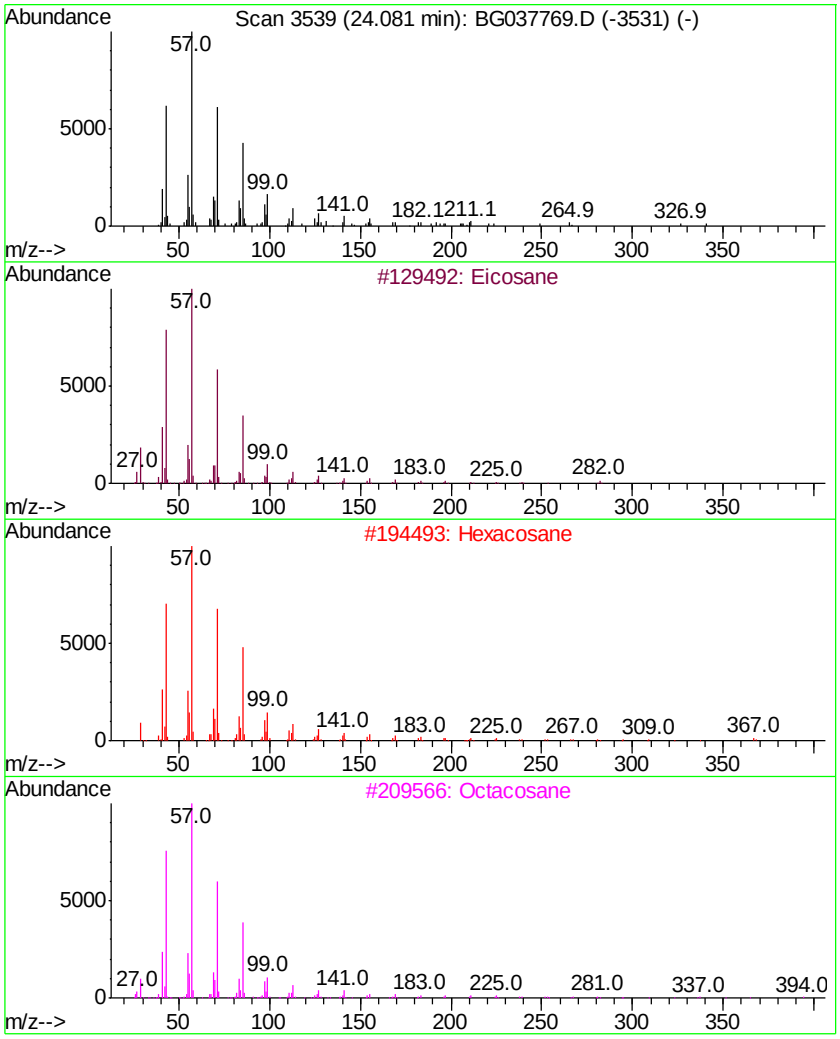
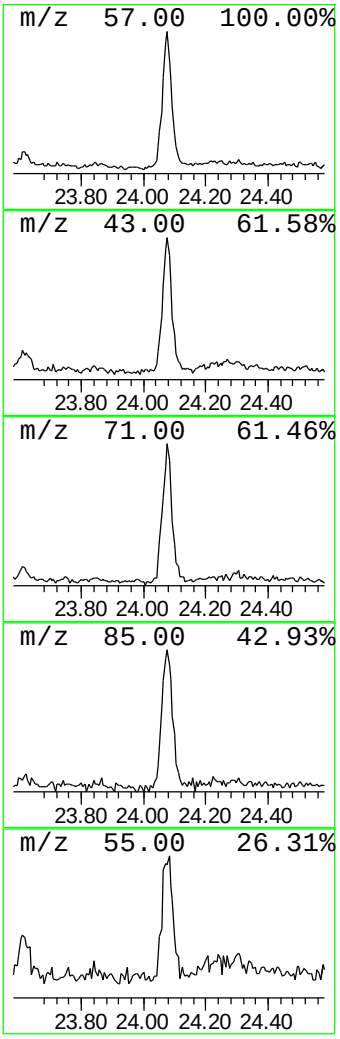
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.06 ng	157034	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
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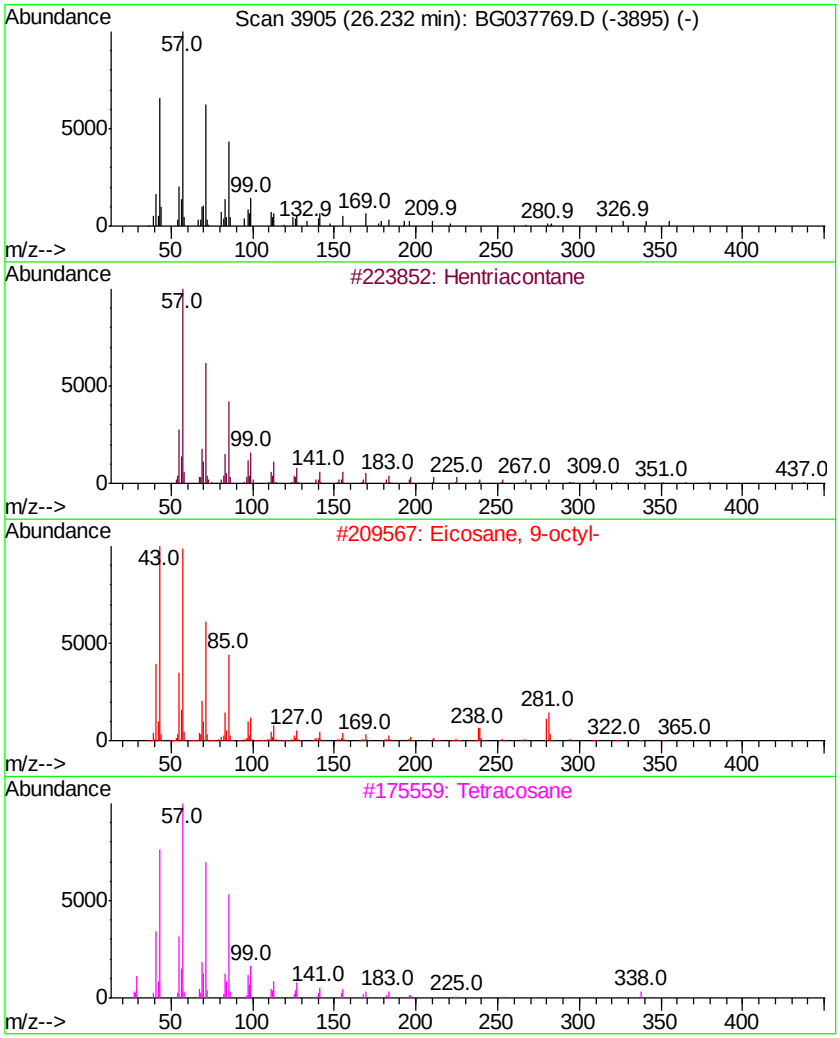
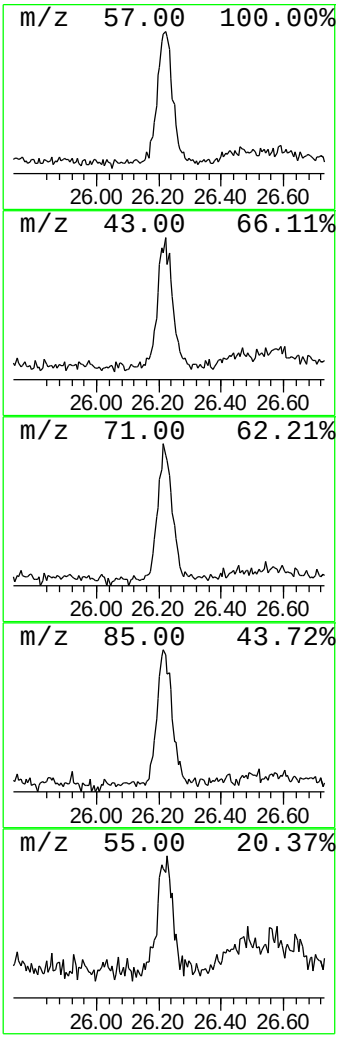
Peak Number 7 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	2.66 ng	136301	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	93
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

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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
unknown3.76	3.76	2.4	ng	47511	1	8.10	400607	20.0
2-Pentanone, 4-hy...	5.18	5.7	ng	114575	1	8.10	400607	20.0
unknown7.62	7.62	117.9	ng	2361220	1	8.10	400607	20.0
n-Hexadecanoic acid	18.34	4.3	ng	237957	4	17.48	1102160	20.0
Eicosane	24.08	3.1	ng	157034	6	25.10	1025330	20.0
Hentriacontane	26.23	2.7	ng	136301	6	25.10	1025330	20.0