LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037862.D
Acq On : 7 Nov 2018 12:51
Operator : JU/SJ
Sample : J5820-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS043081

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	5.174	315	321	329	rBV	39732	68639	2.01%	0.388%
2	5.632	392	399	408	rBV	384139	649307	19.00%	3.671%
3	7.236	662	672	685	rBV2	265092	539875	15.80%	3.053%
4	7.618	730	737	752	rBV	704076	1255544	36.74%	7.099%
5	8.094	810	818	827	rBV	184459	321559	9.41%	1.818%
6	8.417	865	873	884	rBV	631111	1143431	33.46%	6.465%
7	9.269	1010	1018	1030	rBV	555624	1040460	30.45%	5.883%
8	10.914	1289	1298	1309	rVB	269344	509764	14.92%	2.882%
9	13.346	1704	1712	1721	rBV	1618085	2619891	76.67%	14.814%
10	14.169	1846	1852	1859	rBV	58817	88679	2.60%	0.501%
11	14.727	1939	1947	1955	rBV2	467483	773521	22.64%	4.374%
12	16.214	2193	2200	2214	rBV	1111634	1771841	51.85%	10.019%
13	17.477	2408	2415	2430	rBV	566075	911861	26.68%	5.156%
14	18.329	2554	2560	2567	rBV2	48927	73492	2.15%	0.416%
15	20.074	2851	2857	2870	rBV	2540176	3417139	100.00%	19.322%
16	21.760	3136	3144	3162	rBV	475555	919149	26.90%	5.197%
17	21.907	3165	3169	3175	rVB3	32259	52787	1.54%	0.298%
18	22.530	3269	3275	3281	rVB2	51574	88124	2.58%	0.498%
19	23.235	3388	3395	3407	rVB	73111	151948	4.45%	0.859%
20	24.063	3528	3536	3547	rVB2	78375	191012	5.59%	1.080%
21	25.085	3693	3710	3726	rBV3	179488	881901	25.81%	4.987%
22	26.196	3892	3899	3908	rVB2	45117	130040	3.81%	0.735%
23	27.594	4130	4137	4151	rVB5	23325	85296	2.50%	0.482%

Sum of corrected areas: 17685260

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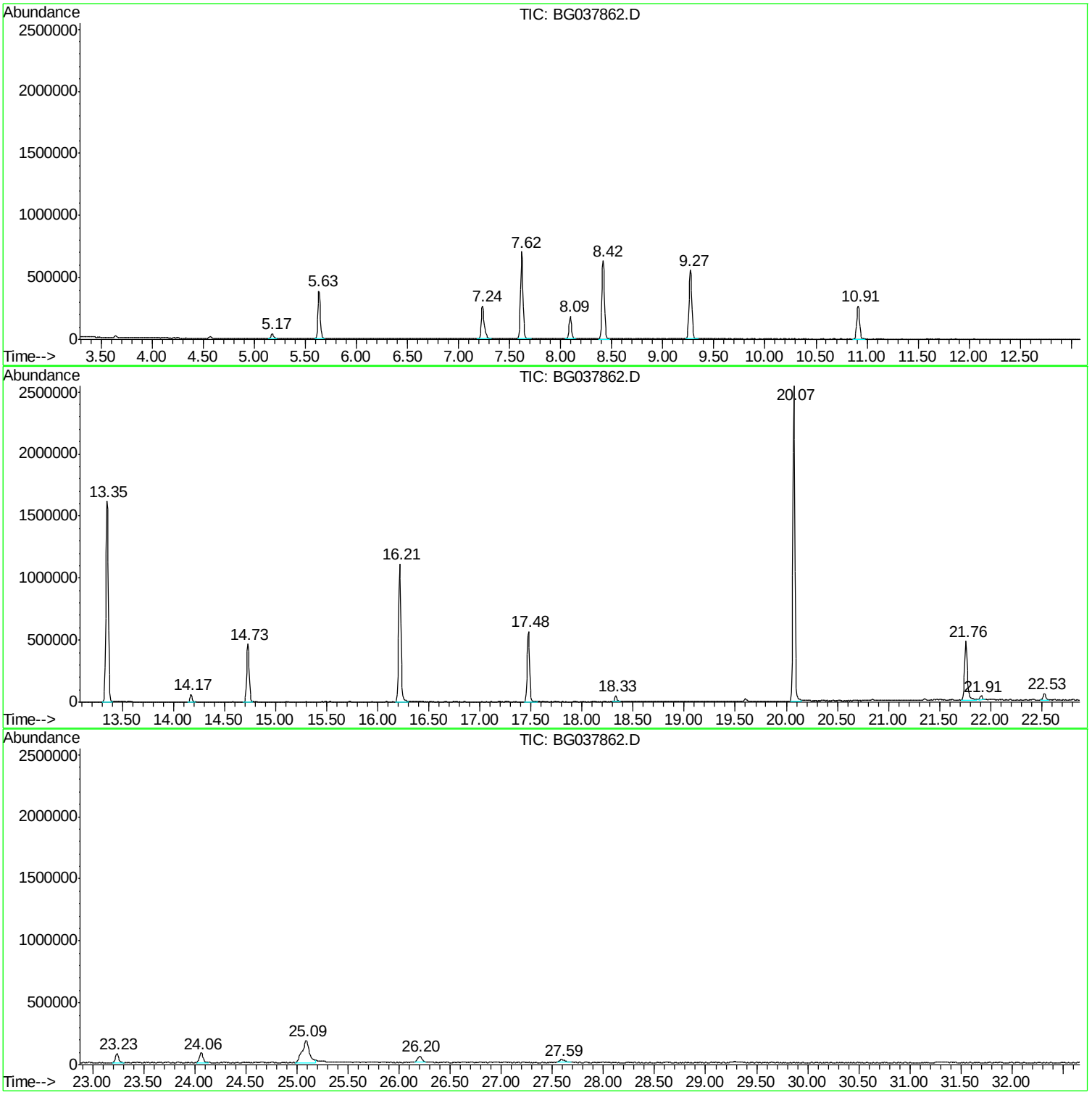
Instrument : BNA_G
ClientSampleId : CPS043081

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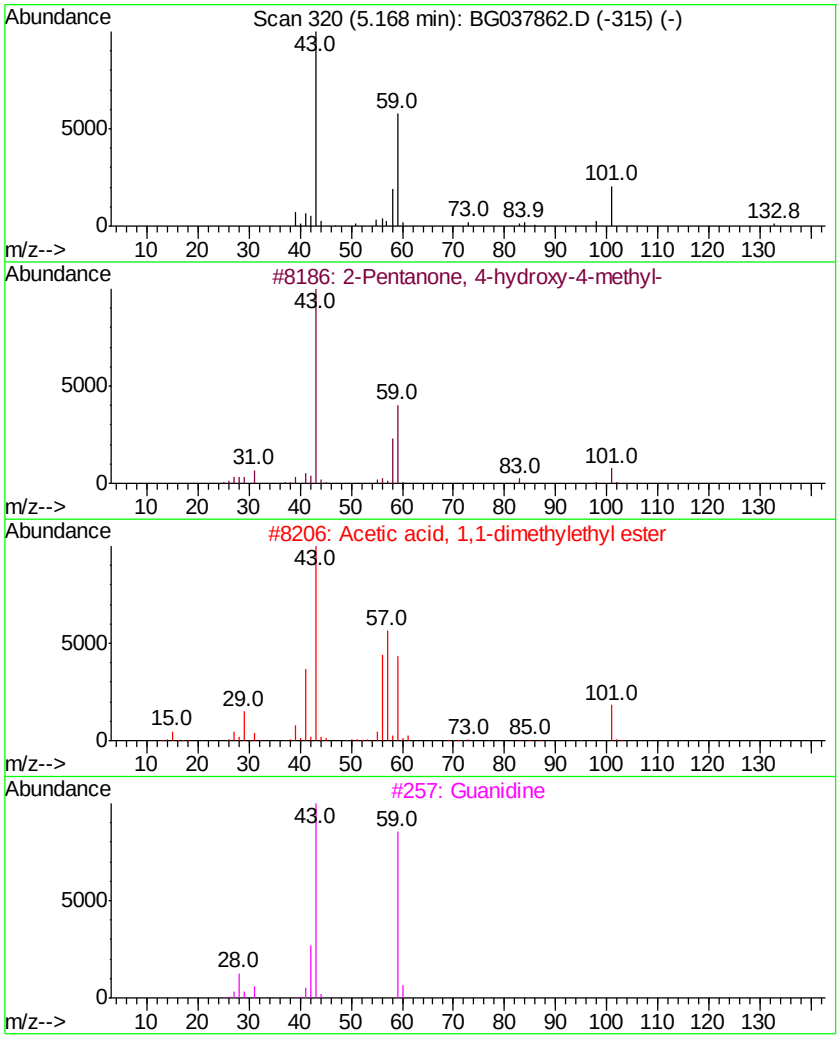
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

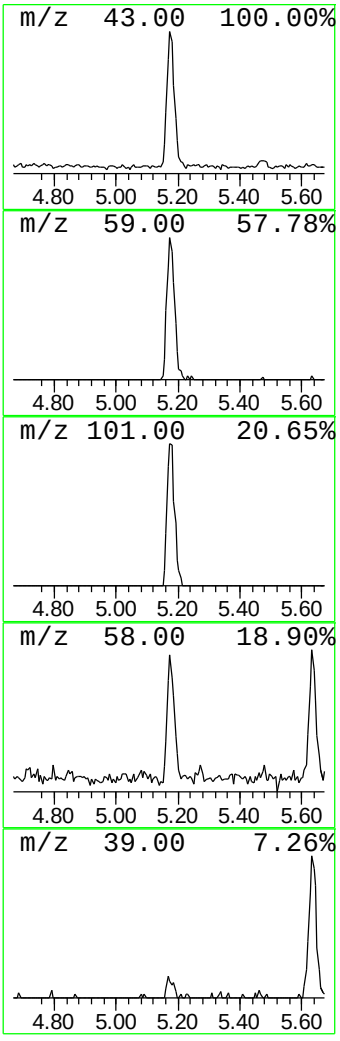
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	4.27 ng	68639	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Guanidine	59	CH5N3	000113-00-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037862.D
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Operator : JU/SJ
Sample : J5820-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS043081

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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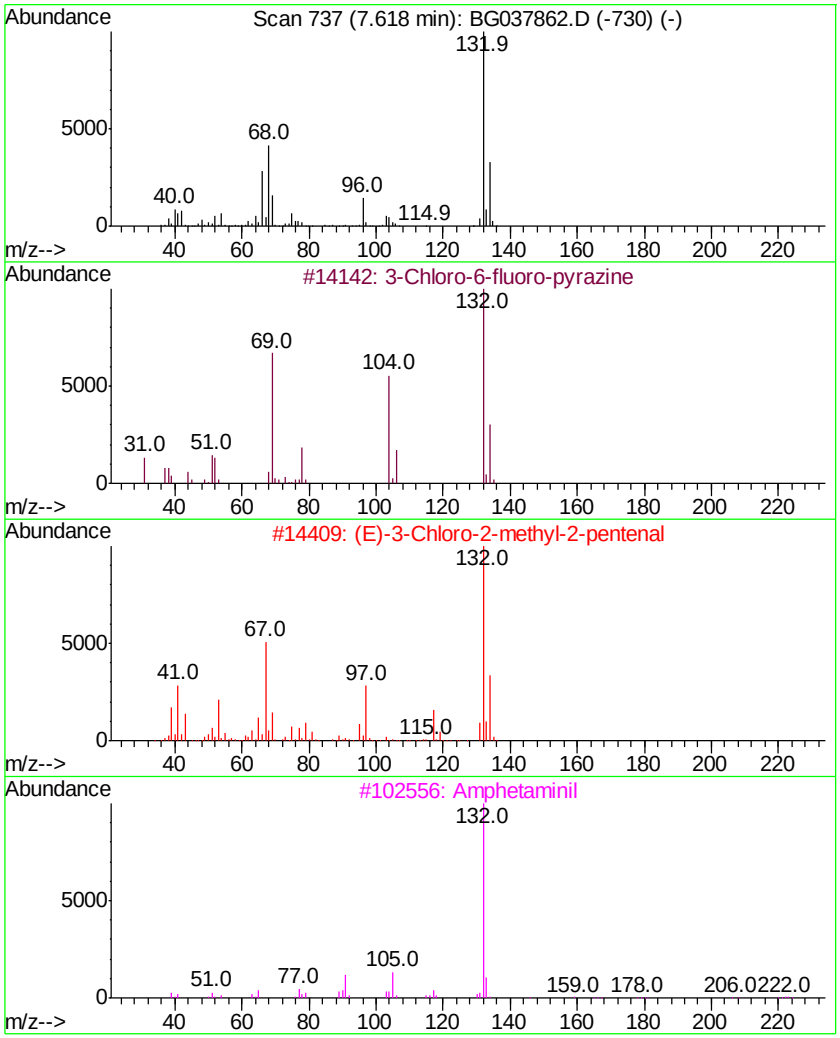
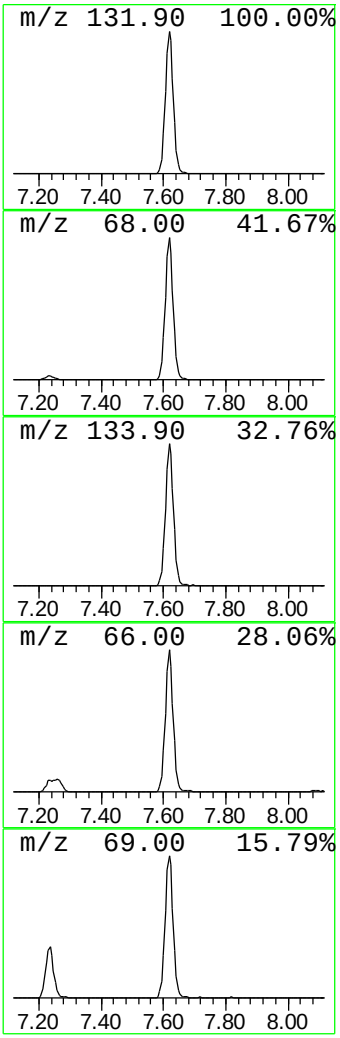
Peak Number 2 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	78.09 ng	1255540	1,4-Dichlorobenzene-d4	8.09

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	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Acq On : 7 Nov 2018 12:51
Operator : JU/SJ
Sample : J5820-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS043081

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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TIC Integration Parameters: LSCINT.P

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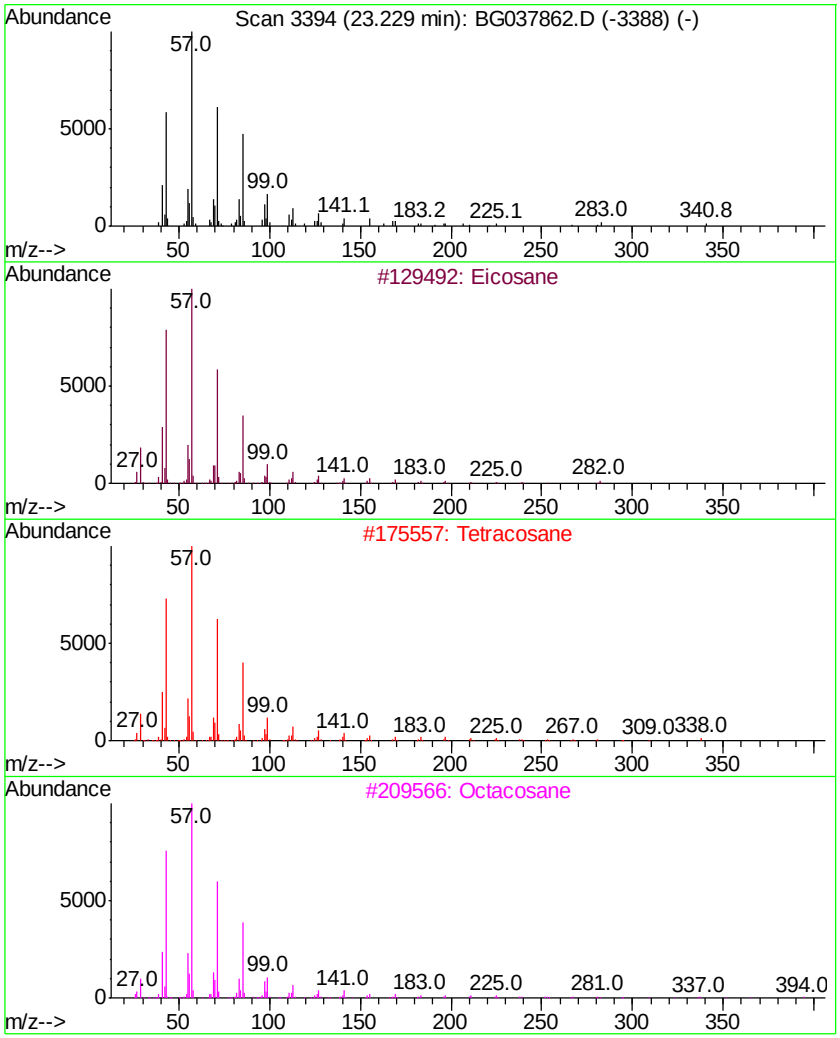
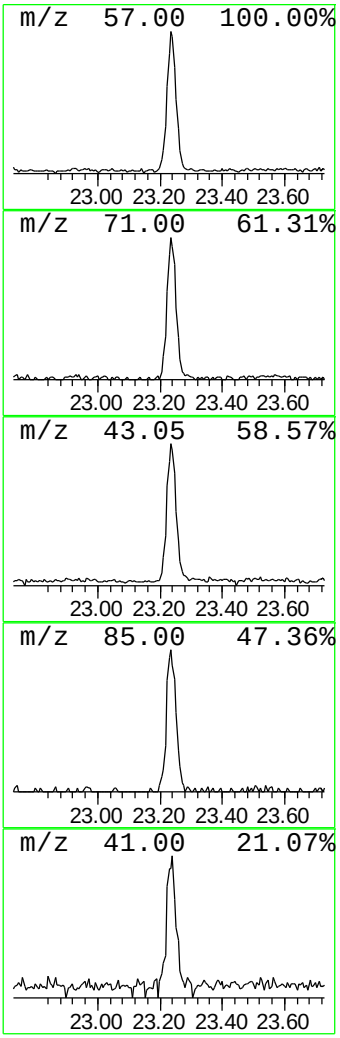
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.31 ng	151948	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Data File : BG037862.D
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Operator : JU/SJ
Sample : J5820-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPS043081

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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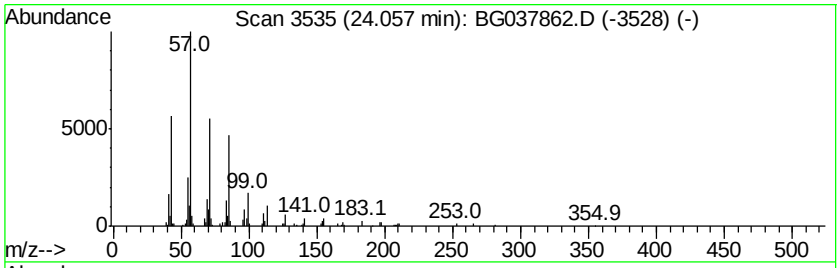
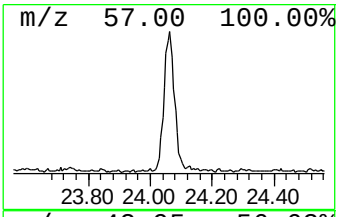
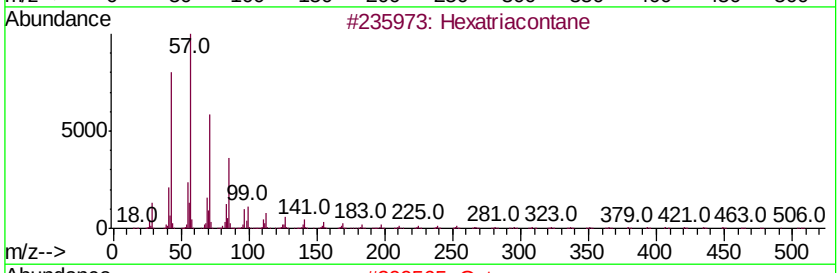
Peak Number 5 Hexatriacontane Concentration Rank 3

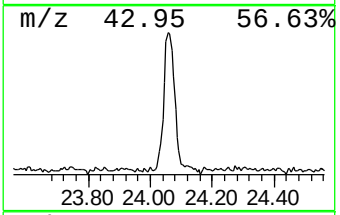
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.33 ng	191012	Perylene-d12	25.09

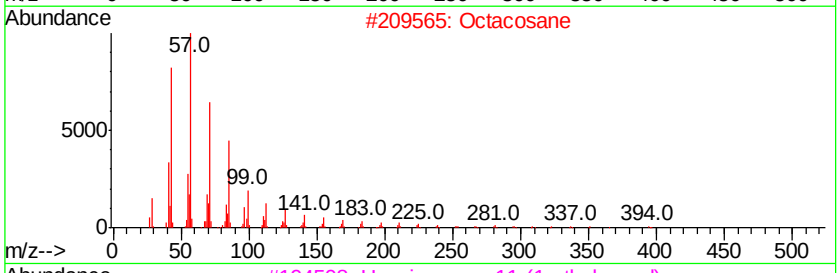
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90

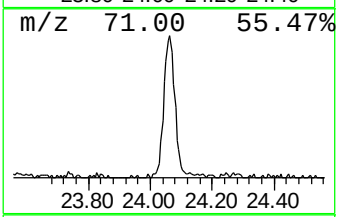


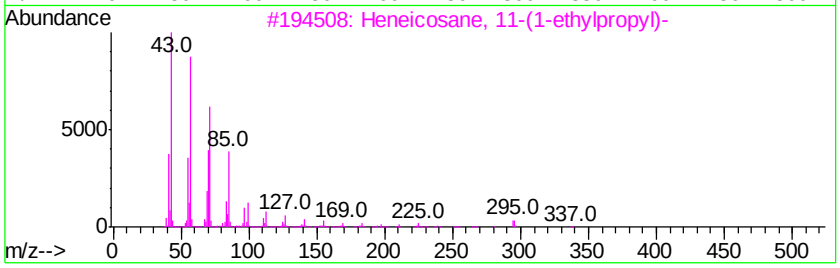


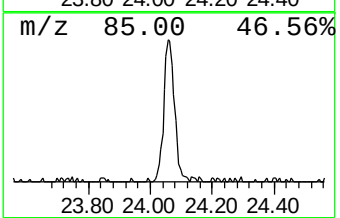


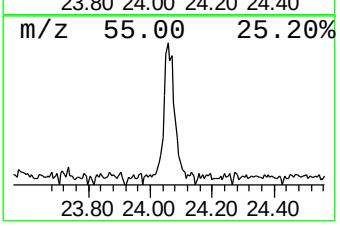












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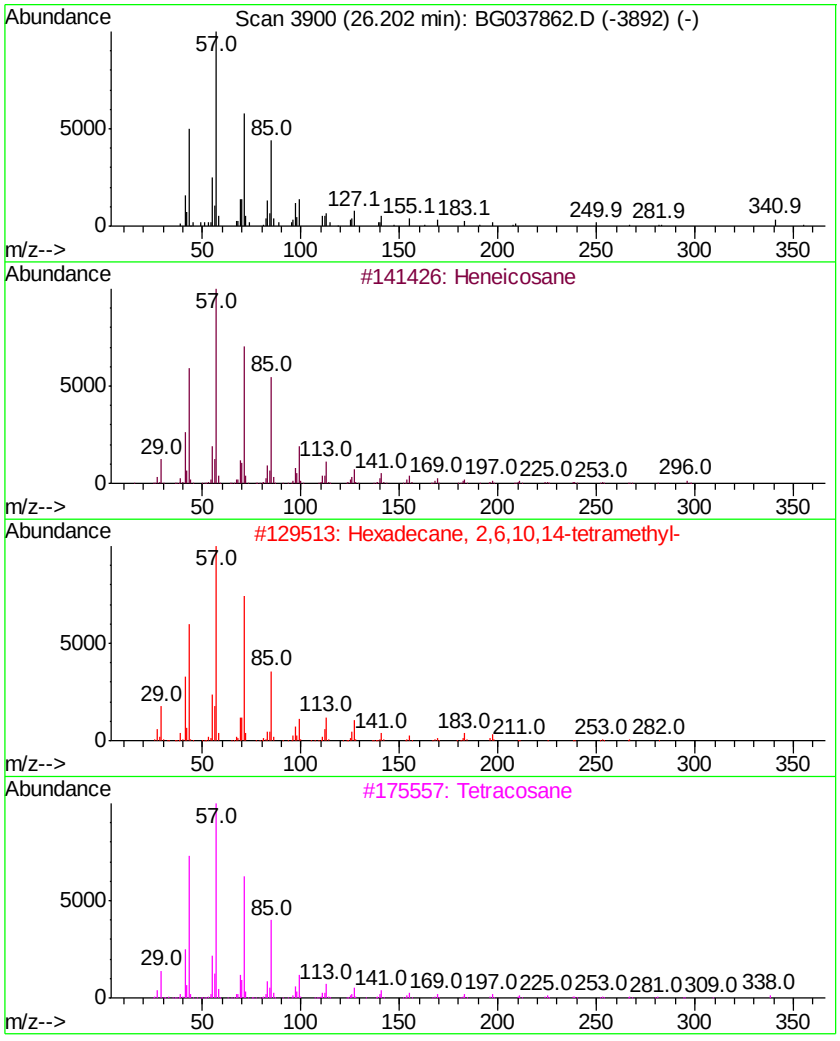
TIC Integration Parameters: LSCINT.P

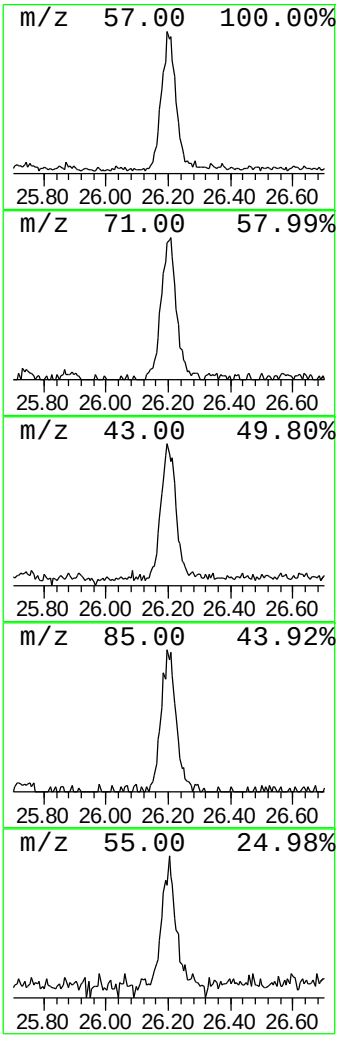
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	2.95 ng	130040	Perylene-d12	25.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
5	Heptadecane	240	C17H36	000629-78-7	74





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
2-Pentanone, 4-hy...	5.17	4.3	ng	68639	1	8.09	321559	20.0
unknown7.62	7.62	78.1	ng	1255540	1	8.09	321559	20.0
Eicosane	23.23	3.3	ng	151948	5	21.76	919149	20.0
Hexatriacontane	24.06	4.3	ng	191012	6	25.09	881901	20.0
Heneicosane	26.20	3.0	ng	130040	6	25.09	881901	20.0