LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031328.D
Acq On : 1 Dec 2017 21:31
Operator : SJ/JU
Sample : I6671-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-105-3(5-10)

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-BG111017.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	5.204	320	326	335	rBV	81424	128710	2.15%	0.449%
2	5.686	401	408	420	rBV	1174234	2002895	33.40%	6.994%
3	7.295	674	682	701	rBV	1203027	2220947	37.04%	7.756%
4	7.660	737	744	760	rBV	1224918	2176498	36.30%	7.601%
5	8.130	816	824	832	rBV	220888	383964	6.40%	1.341%
6	8.453	871	879	890	rBV	934540	1688618	28.16%	5.897%
7	9.299	1014	1023	1042	rBV	672714	1308551	21.82%	4.570%
8	10.944	1296	1303	1315	rBV	265418	554164	9.24%	1.935%
9	13.377	1709	1717	1731	rBV	2005193	3302555	55.08%	11.533%
10	14.199	1849	1857	1870	rBV	130439	249850	4.17%	0.873%
11	14.751	1941	1951	1962	rBV2	509386	862970	14.39%	3.014%
12	16.238	2197	2204	2222	rBV	1822930	2997393	49.99%	10.467%
13	17.489	2411	2417	2432	rBV2	751685	1240453	20.69%	4.332%
14	18.359	2561	2565	2575	rBV2	57471	117398	1.96%	0.410%
15	20.086	2852	2859	2870	rBV	4409186	5996229	100.00%	20.940%
16	21.367	3072	3077	3092	rBV2	140640	326377	5.44%	1.140%
17	21.767	3137	3145	3156	rBV	864144	1564824	26.10%	5.465%
18	25.063	3694	3706	3723	rBV2	494192	1513052	25.23%	5.284%

Sum of corrected areas: 28635448

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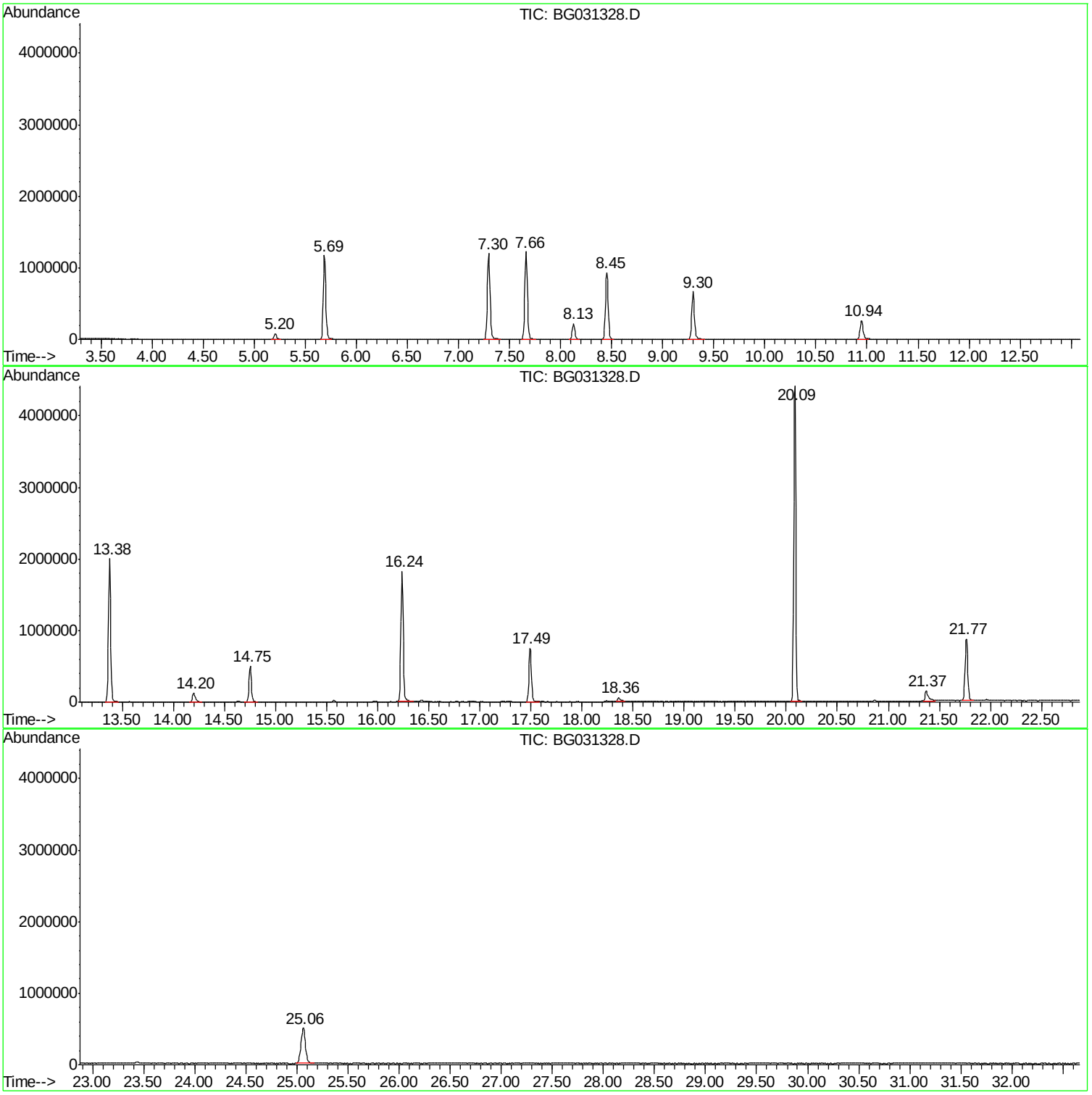
ENV-105-3(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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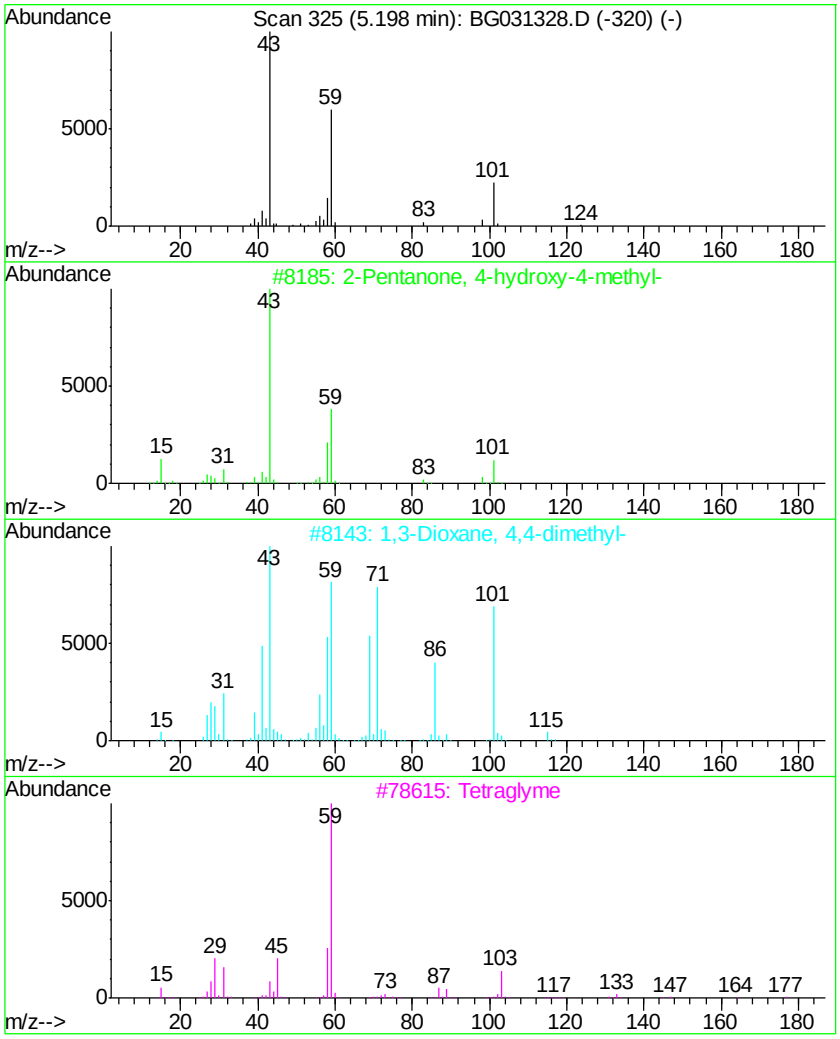
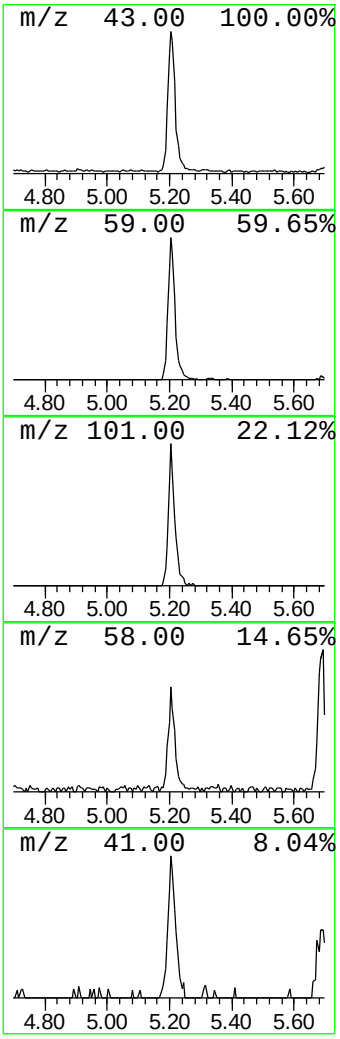
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.70 ng	128710	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	37
3	Tetraglyme	222	C10H22O5	000143-24-8	23
4	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-105-3(5-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.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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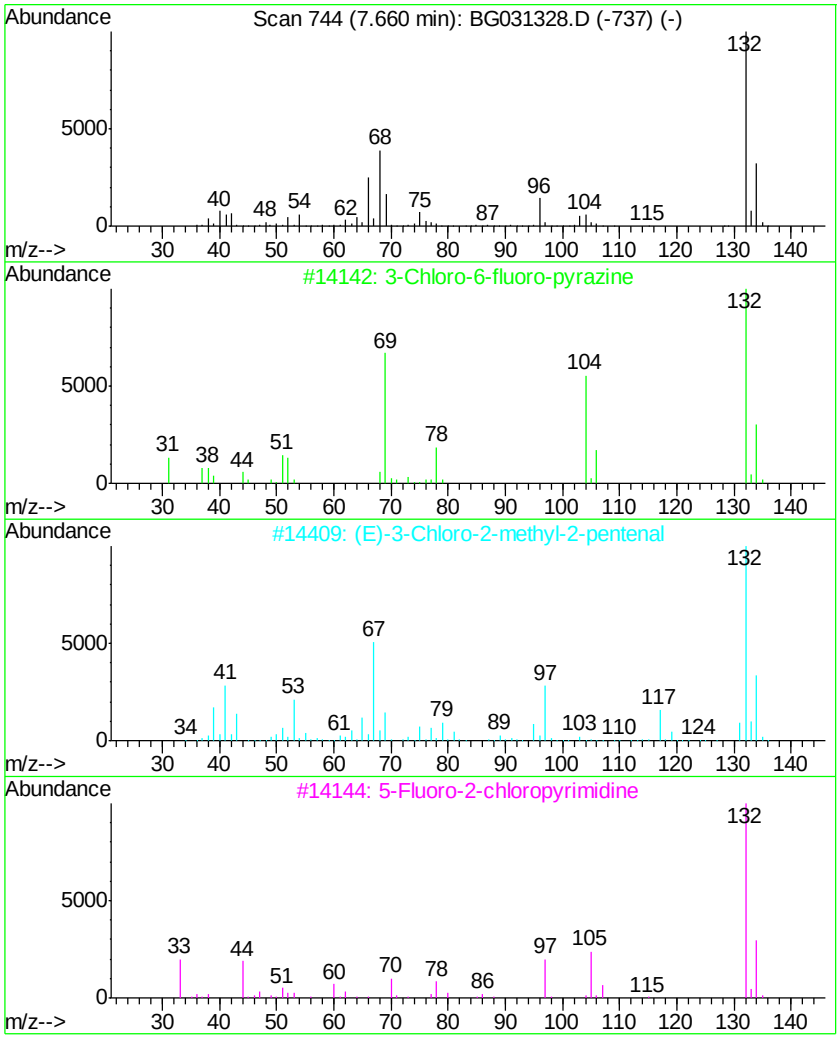
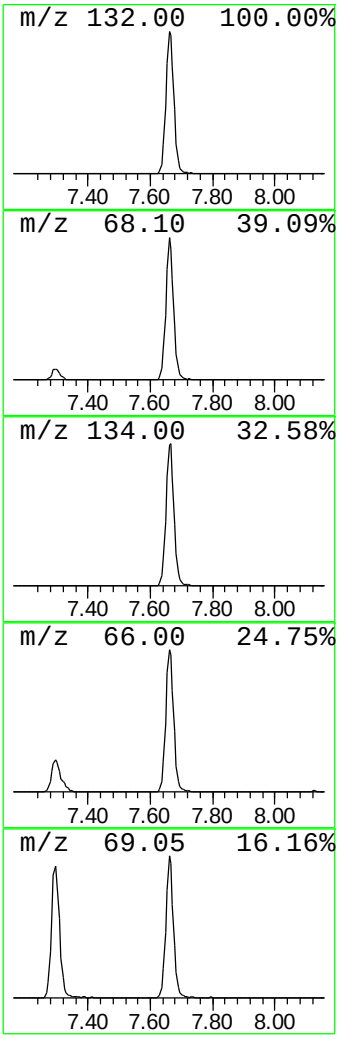
Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	113.37 ng	2176500	1,4-Dichlorobenzene-d4	8.13

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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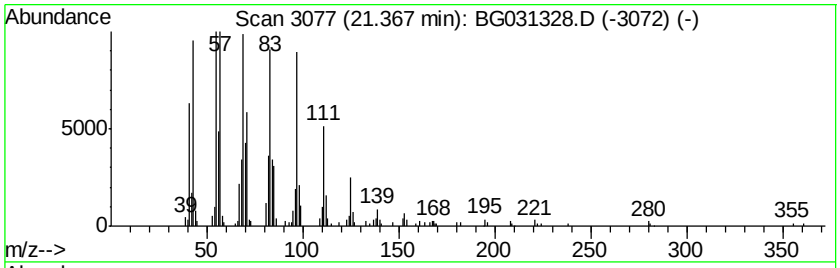
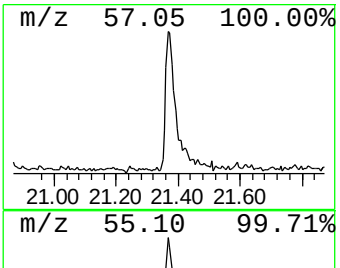
Peak Number 4 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.17 ng	326377	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Cetene	224	C16H32	000629-73-2	95
3	Cycloeicosane	280	C20H40	000296-56-0	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	6.7	ng	128710	1	8.13	383964	20.0
unknown7.66	7.66	113.4	ng	2176500	1	8.13	383964	20.0
3-Eicosene, (E)-	21.37	4.2	ng	326377	5	21.77	1564820	20.0