LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022327.D
Acq On : 13 Jun 2016 16:57
Operator : UM/SJ
Sample : H3448-27
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 14-VE-PILE-WALL(0-2)

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-BG060616.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	2.938	11	17	35	rVB	535062	888528	40.59%	5.741%
2	5.153	388	394	404	rVB	31368	63678	2.91%	0.411%
3	5.635	468	476	491	rBV	568060	1084666	49.55%	7.008%
4	7.256	743	752	769	rBV	637726	1258319	57.48%	8.130%
5	7.621	806	814	828	rBV	707531	1353904	61.85%	8.748%
6	8.091	887	894	904	rVB	109677	210973	9.64%	1.363%
7	8.414	941	949	961	rBV	537187	1040161	47.51%	6.721%
8	9.266	1084	1094	1106	rBV	381541	785798	35.90%	5.077%
9	9.389	1110	1115	1126	rVB5	11052	27178	1.24%	0.176%
10	10.911	1366	1374	1386	rBV	179841	357658	16.34%	2.311%
11	13.343	1780	1788	1804	rBV	1190430	2088412	95.40%	13.494%
12	14.166	1922	1928	1935	rBV	231842	359393	16.42%	2.322%
13	14.589	1996	2000	2005	rVB	16607	24061	1.10%	0.155%
14	14.724	2016	2023	2030	rBV2	276497	473753	21.64%	3.061%
15	15.541	2157	2162	2168	rVB	26330	38698	1.77%	0.250%
16	16.211	2264	2276	2287	rBV	691243	1240477	56.67%	8.015%
17	16.398	2304	2308	2319	rVB	23600	45941	2.10%	0.297%
18	17.192	2438	2443	2448	rBV	16594	24337	1.11%	0.157%
19	17.468	2483	2490	2495	rBV	284854	486409	22.22%	3.143%
20	17.509	2495	2497	2504	rVB	48043	71205	3.25%	0.460%
21	18.332	2632	2637	2643	rBV3	47668	88581	4.05%	0.572%
22	18.543	2666	2673	2675	rBV6	10637	23260	1.06%	0.150%
23	19.512	2833	2838	2845	rBV	101059	155586	7.11%	1.005%
24	19.736	2873	2876	2882	rVB3	23559	31740	1.45%	0.205%
25	19.877	2895	2900	2906	rVB	87038	139056	6.35%	0.898%
26	20.065	2925	2932	2945	rBV	1560482	2189122	100.00%	14.144%
27	21.346	3146	3150	3157	rVB3	67956	111135	5.08%	0.718%
28	21.592	3190	3192	3201	rVB2	41469	78199	3.57%	0.505%
29	21.739	3210	3217	3223	rBV2	238183	480522	21.95%	3.105%
30	25.018	3769	3775	3786	rVB2	83312	256209	11.70%	1.655%

Sum of corrected areas: 15476959

LSC Report - Integrated Chromatogram

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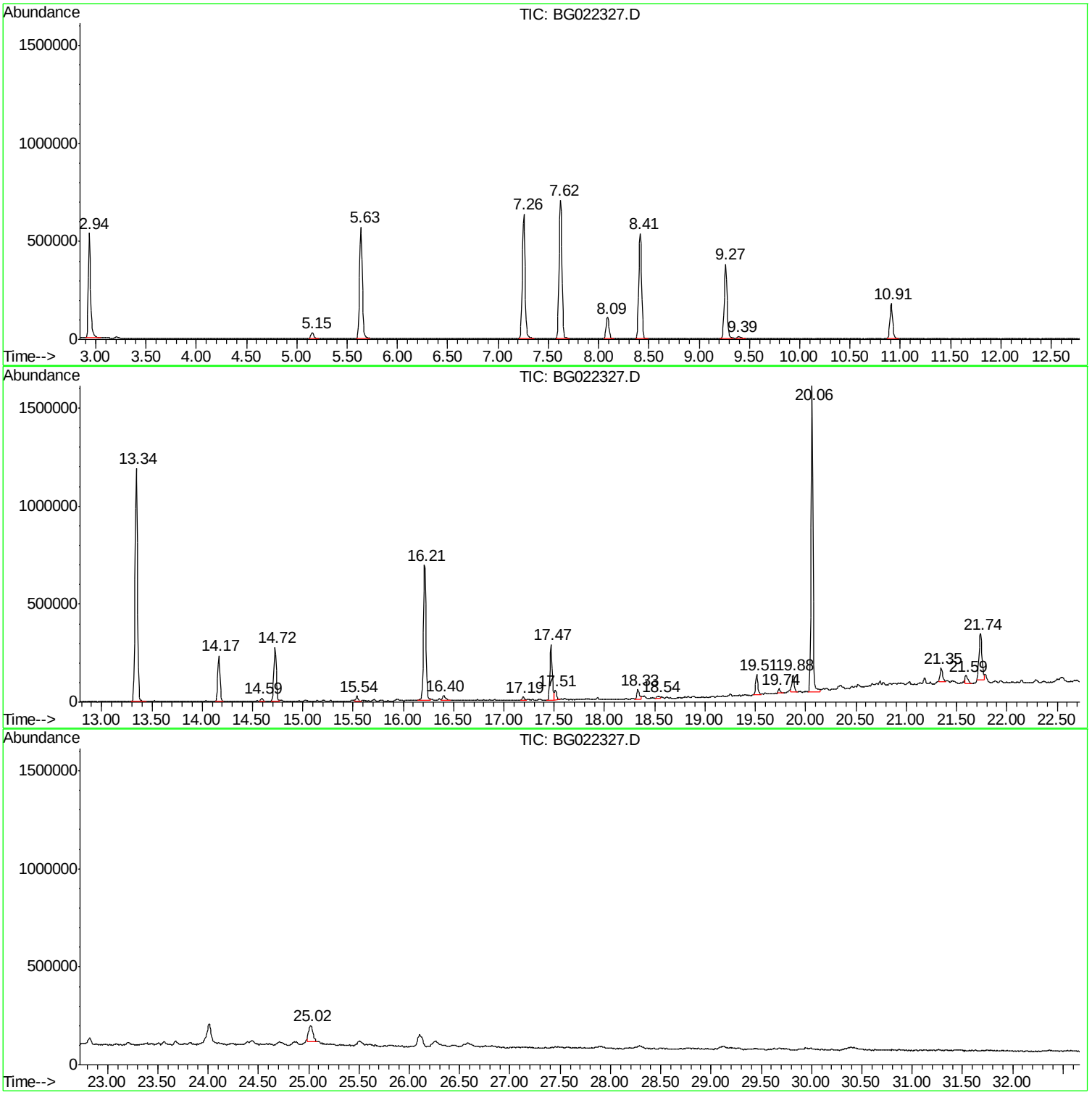
Operator : UM/SJ
Sample : H3448-27
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 14-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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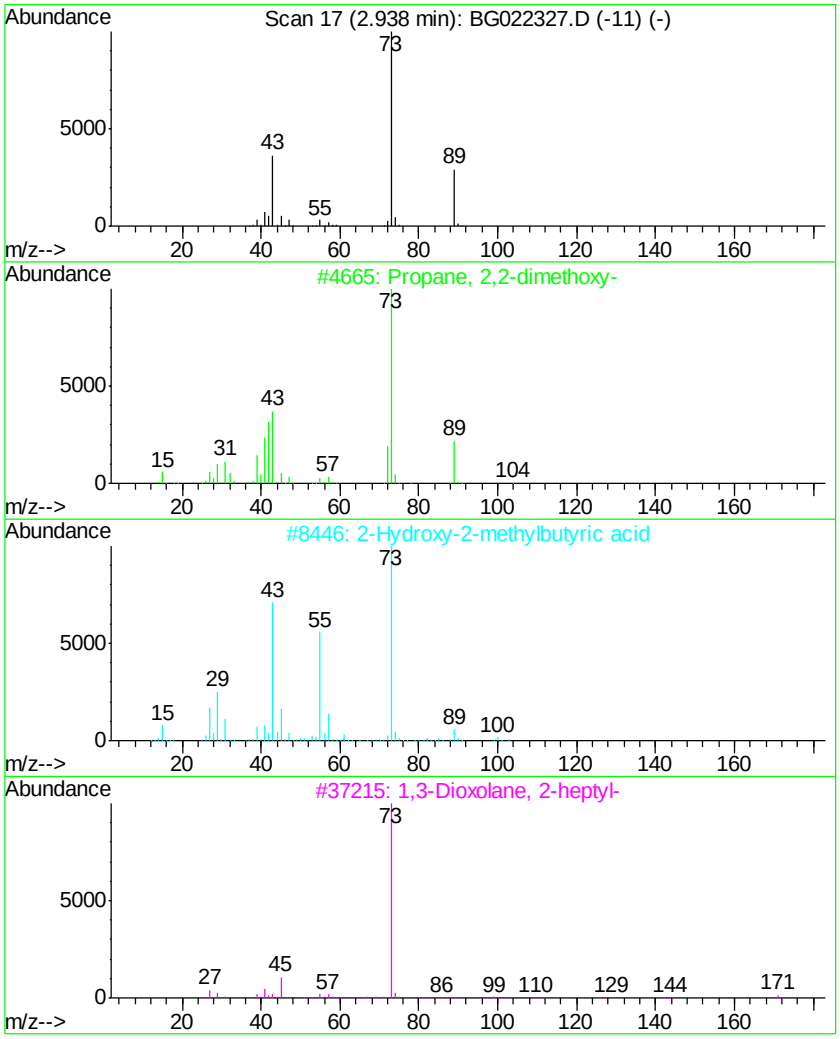
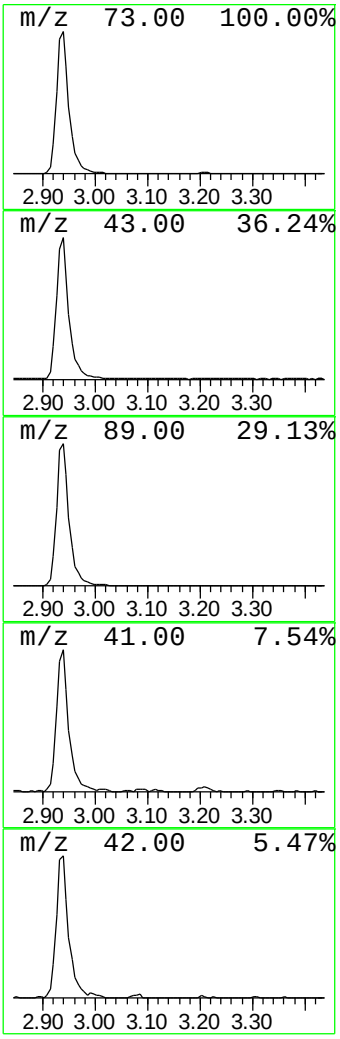
Peak Number 1 unknown2.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	84.23 ng	888528	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	1,3-Dioxolane, 2-heptyl-	172	C10H20O2	004359-57-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022327.D
Acq On : 13 Jun 2016 16:57
Operator : UM/SJ
Sample : H3448-27
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 14-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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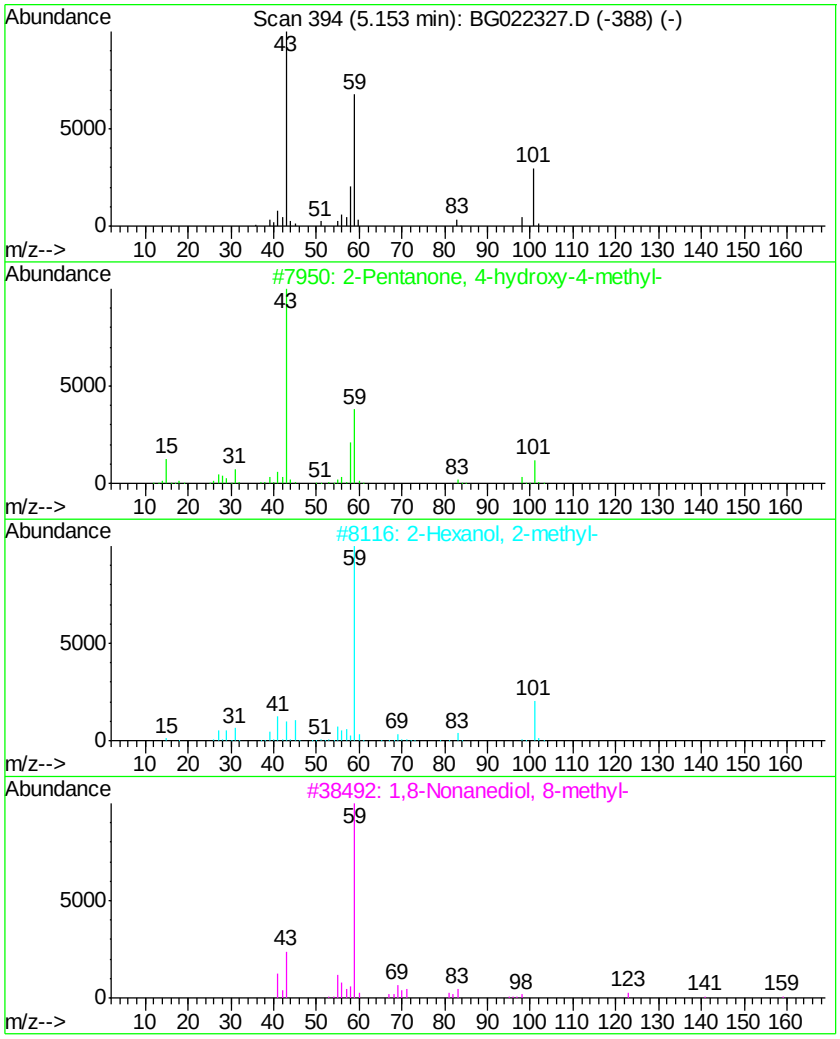
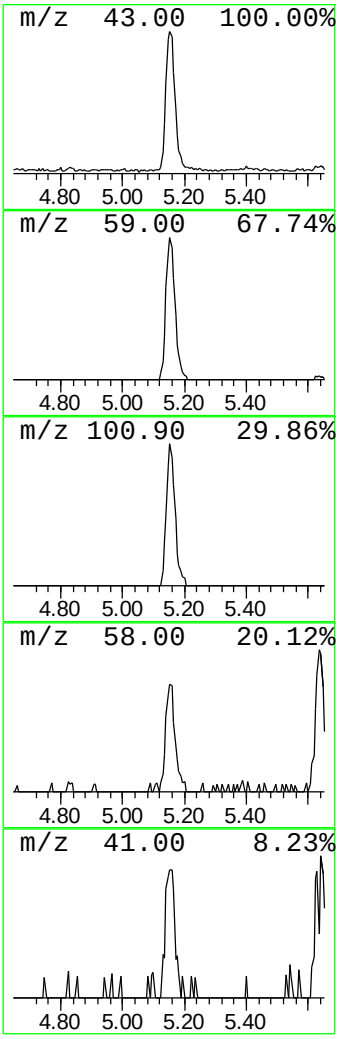
Peak Number 2 unknown5.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	6.04 ng	63678	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	42
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





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Data File : BG022327.D
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Instrument : BNA_G
ClientSampleId : 14-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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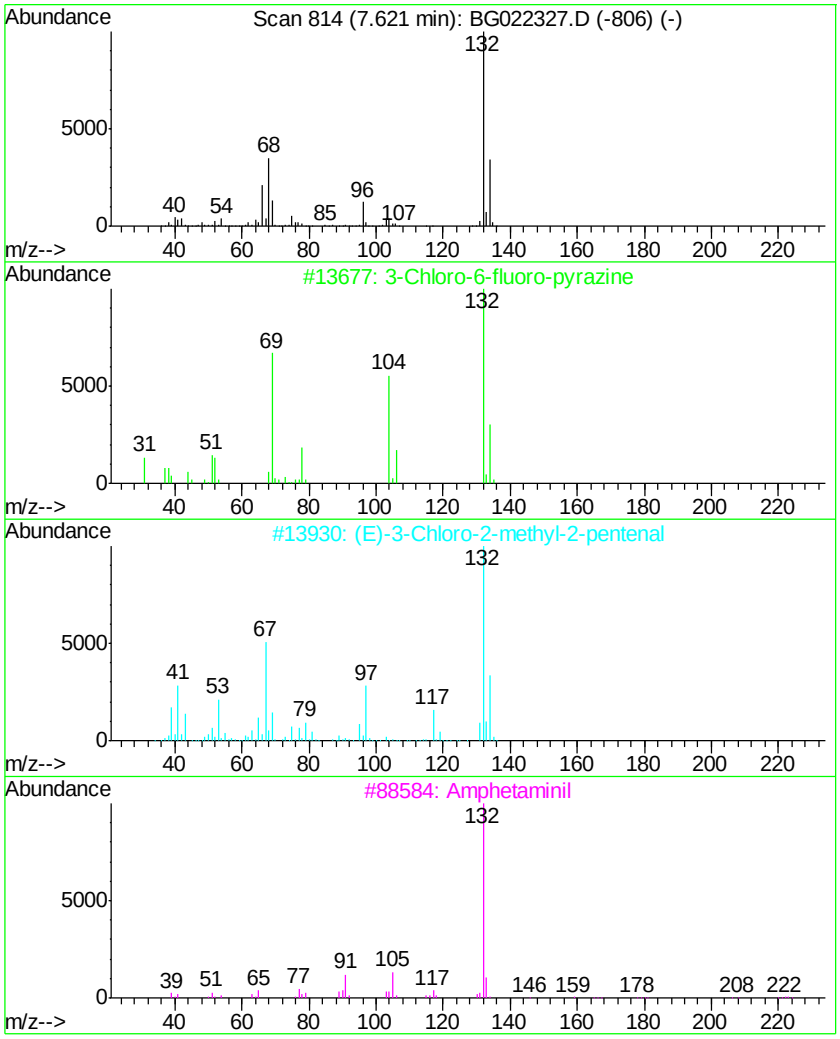
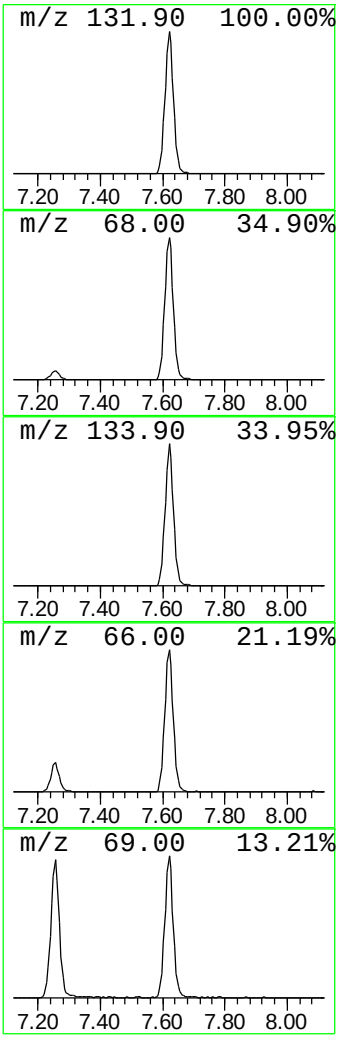
Peak Number 3 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	128.35 ng	1353900	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
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Instrument :
BNA_G
ClientSampleId :
14-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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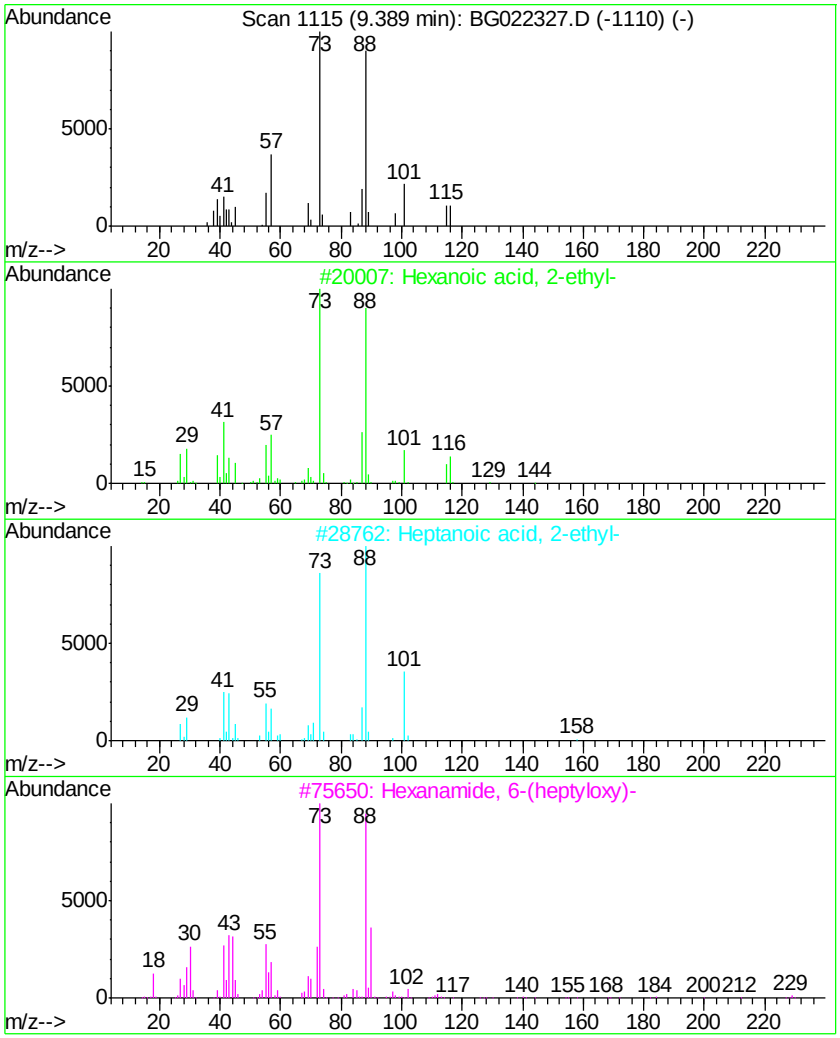
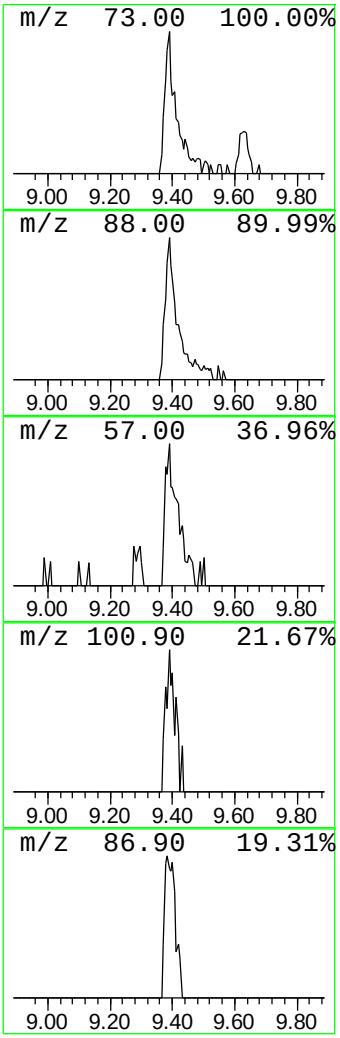
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.58 ng	27178	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	28
4	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	17
5	1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	9





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
14-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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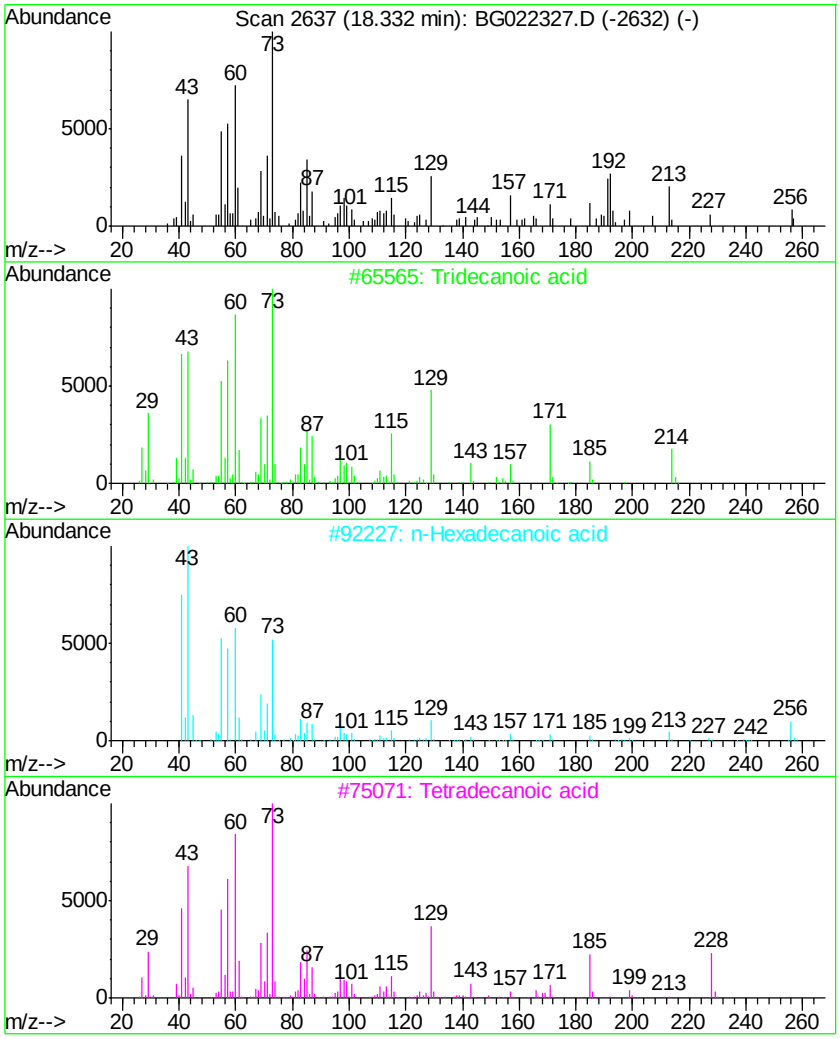
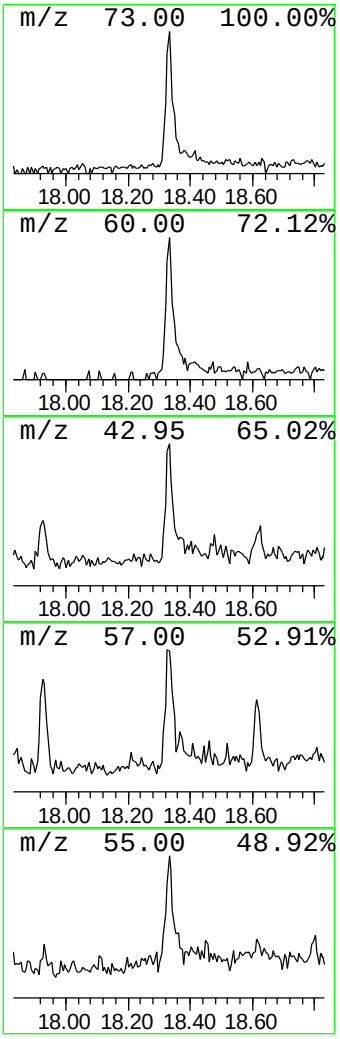
Peak Number 6 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.64 ng	88581	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	35





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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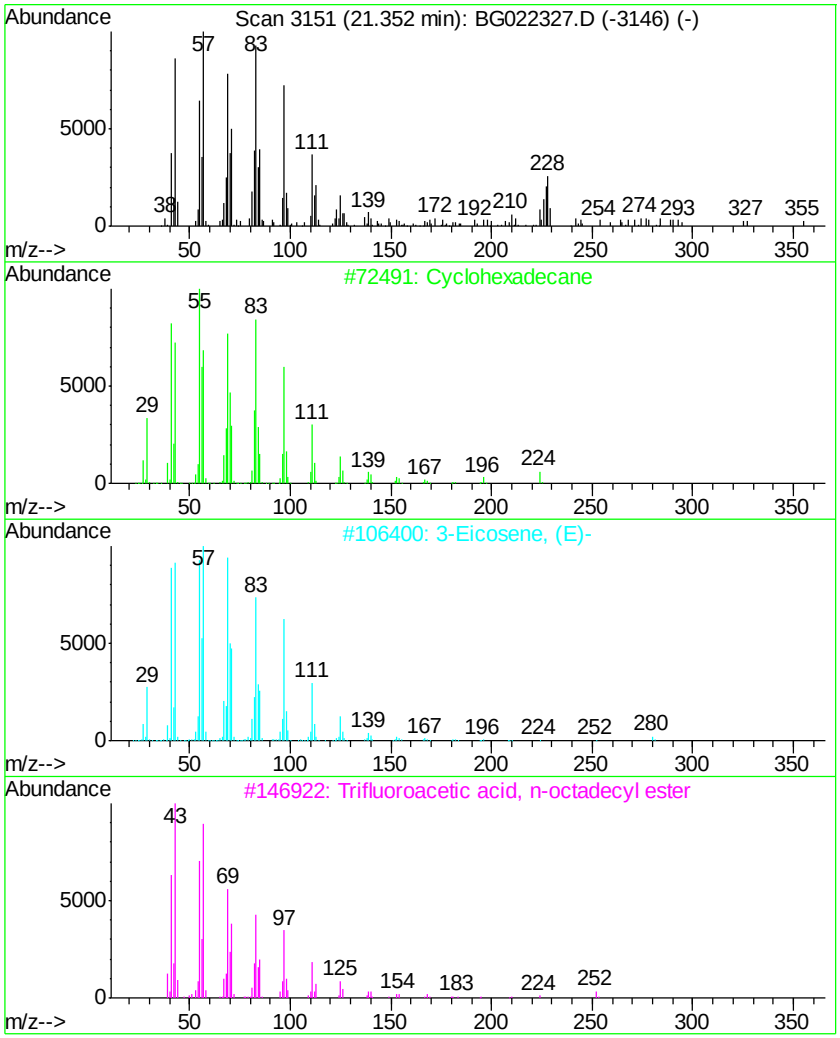
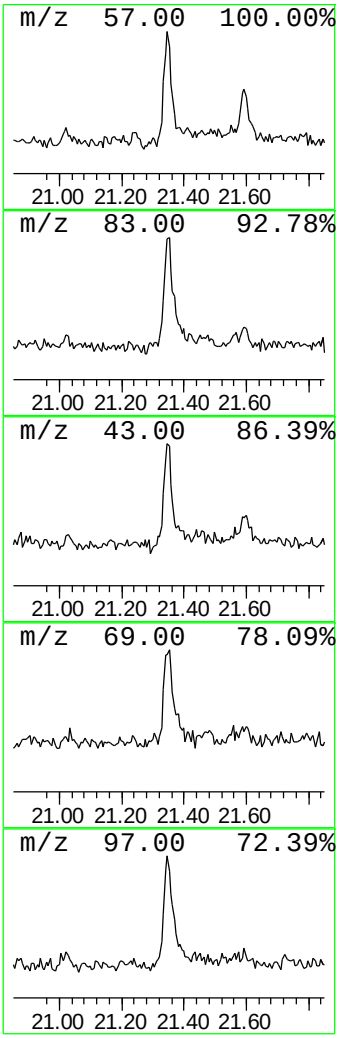
Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.63 ng	111135	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	83
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.94	2.94	84.2	ng	888528	1	8.09	210973	20.0
unknown5.15	5.15	6.0	ng	63678	1	8.09	210973	20.0
unknown7.62	7.62	128.3	ng	1353900	1	8.09	210973	20.0
Hexanoic acid, 2-...	9.39	2.6	ng	27178	1	8.09	210973	20.0
Tridecanoic acid	18.33	3.6	ng	88581	4	17.47	486409	20.0
Cyclohexadecane	21.35	4.6	ng	111135	5	21.74	480522	20.0