LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022605.D
Acq On : 26 Jun 2016 11:25
Operator : UM/SJ
Sample : H3713-02
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3A-9-11

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-BG062516.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	3.057	32	37	55	rBV	5640577	8850467	100.00%	15.556%
2	5.237	402	408	414	rBV	130031	209779	2.37%	0.369%
3	5.707	480	488	497	rBV	1886439	3125529	35.31%	5.494%
4	7.305	751	760	773	rBV	2138098	3724987	42.09%	6.547%
5	7.687	815	825	835	rBV	1949851	3386218	38.26%	5.952%
6	8.163	898	906	914	rBV	523339	914207	10.33%	1.607%
7	8.486	954	961	969	rBV	1345088	2368580	26.76%	4.163%
8	9.332	1094	1105	1113	rBV	1279948	2277576	25.73%	4.003%
9	9.415	1113	1119	1127	rVB3	63625	112541	1.27%	0.198%
10	10.983	1377	1386	1395	rBV	697161	1297660	14.66%	2.281%
11	13.422	1793	1801	1810	rBV	2930246	4647428	52.51%	8.169%
12	14.238	1927	1940	1947	rBV	702272	1032757	11.67%	1.815%
13	14.797	2028	2035	2043	rBV2	1176147	1898679	21.45%	3.337%
14	16.283	2278	2288	2299	rBV	3410122	5158584	58.29%	9.067%
15	16.489	2318	2323	2326	rBV2	67588	94563	1.07%	0.166%
16	17.552	2497	2504	2513	rBV2	1722612	2727288	30.82%	4.794%
17	17.911	2560	2565	2572	rBV5	67358	117550	1.33%	0.207%
18	18.422	2648	2652	2659	rBV	368961	545664	6.17%	0.959%
19	19.597	2849	2852	2857	rVB	73962	107167	1.21%	0.188%
20	19.691	2864	2868	2874	rBV3	218912	330599	3.74%	0.581%
21	19.961	2911	2914	2919	rVB3	64662	95965	1.08%	0.169%
22	20.155	2941	2947	2953	rVB	5482578	7303150	82.52%	12.837%
23	21.459	3165	3169	3175	rBV5	184794	339212	3.83%	0.596%
24	21.847	3228	3235	3242	rBV	1915674	3225879	36.45%	5.670%
25	25.208	3798	3807	3818	rVB2	1024476	3000829	33.91%	5.275%

Sum of corrected areas: 56892858

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BNA_G
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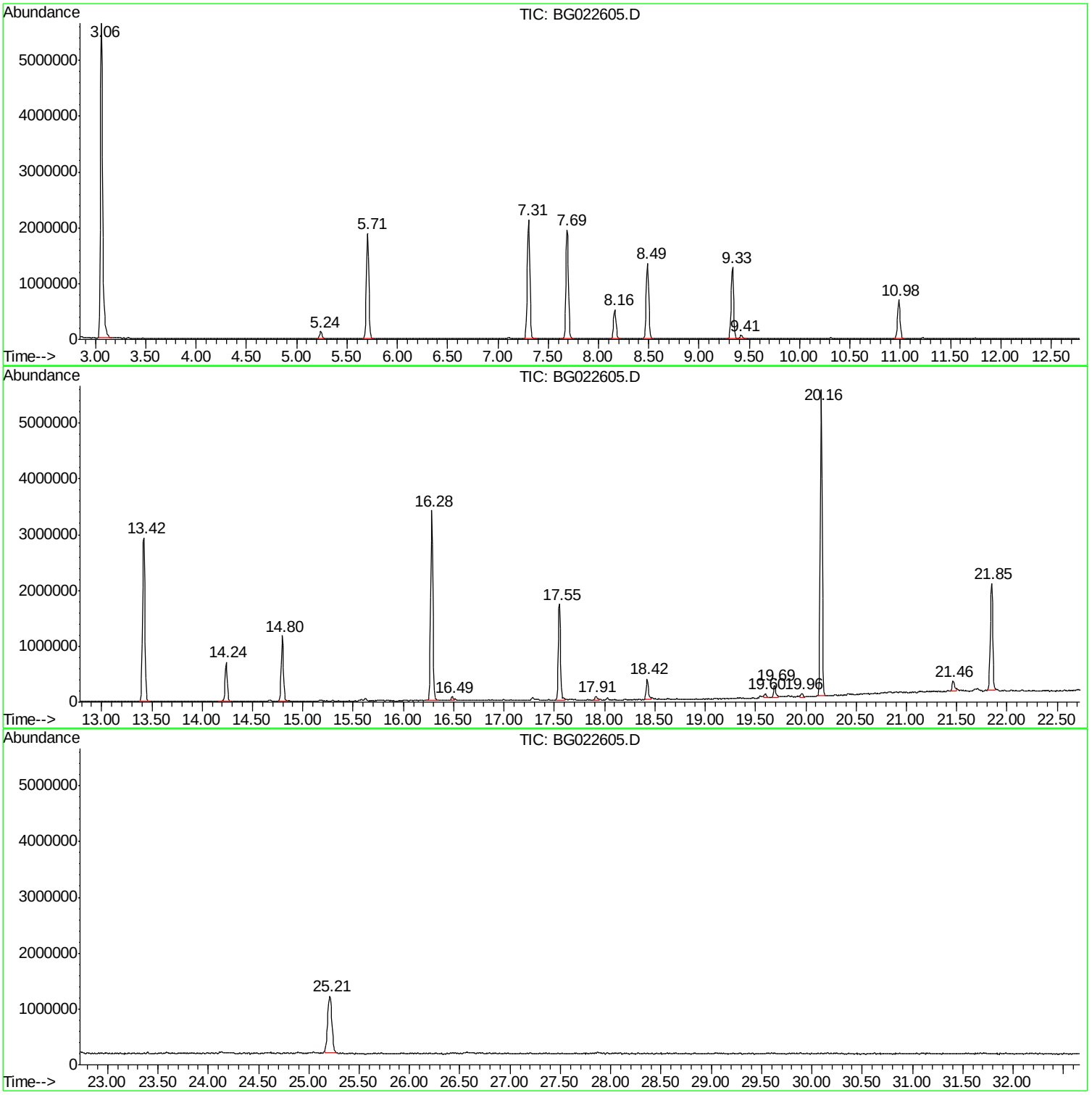
3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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TIC Library : C:\DATABASE\NIST02.L
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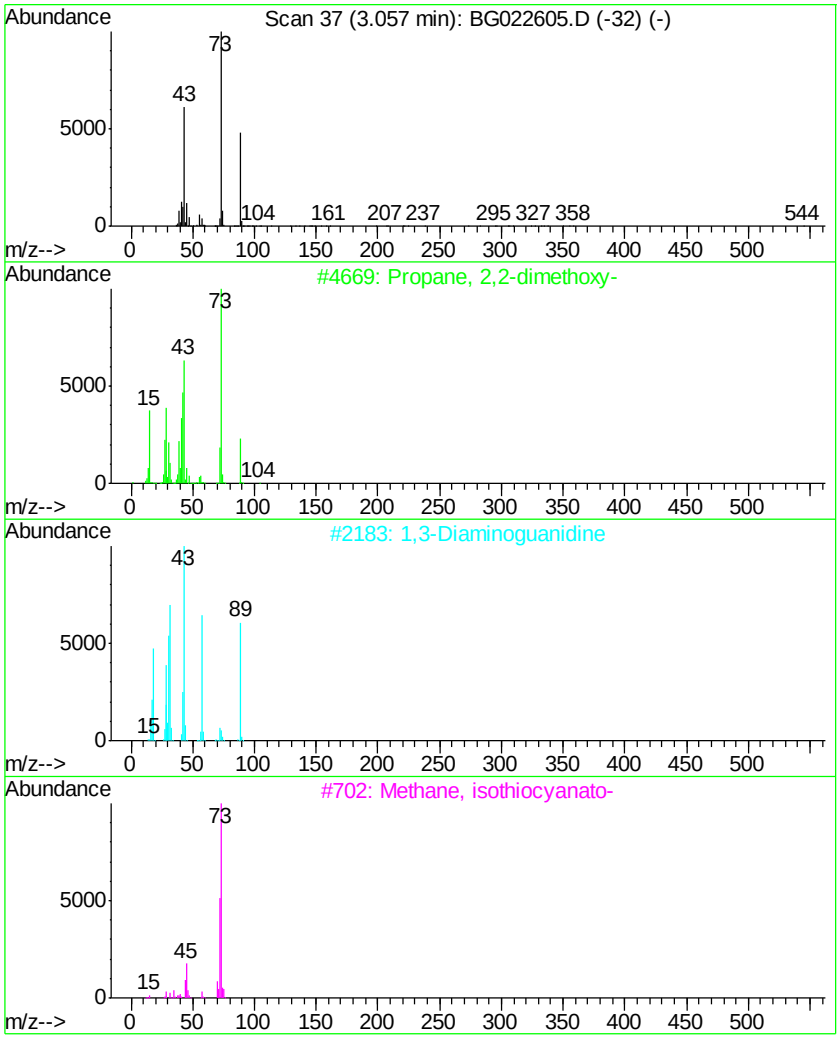
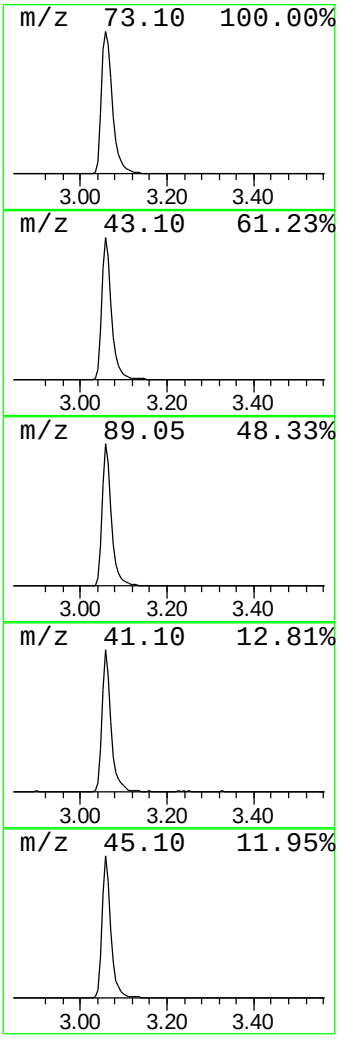
Peak Number 1 unknown3.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	193.62 ng	8850470	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	10
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Sample : H3713-02
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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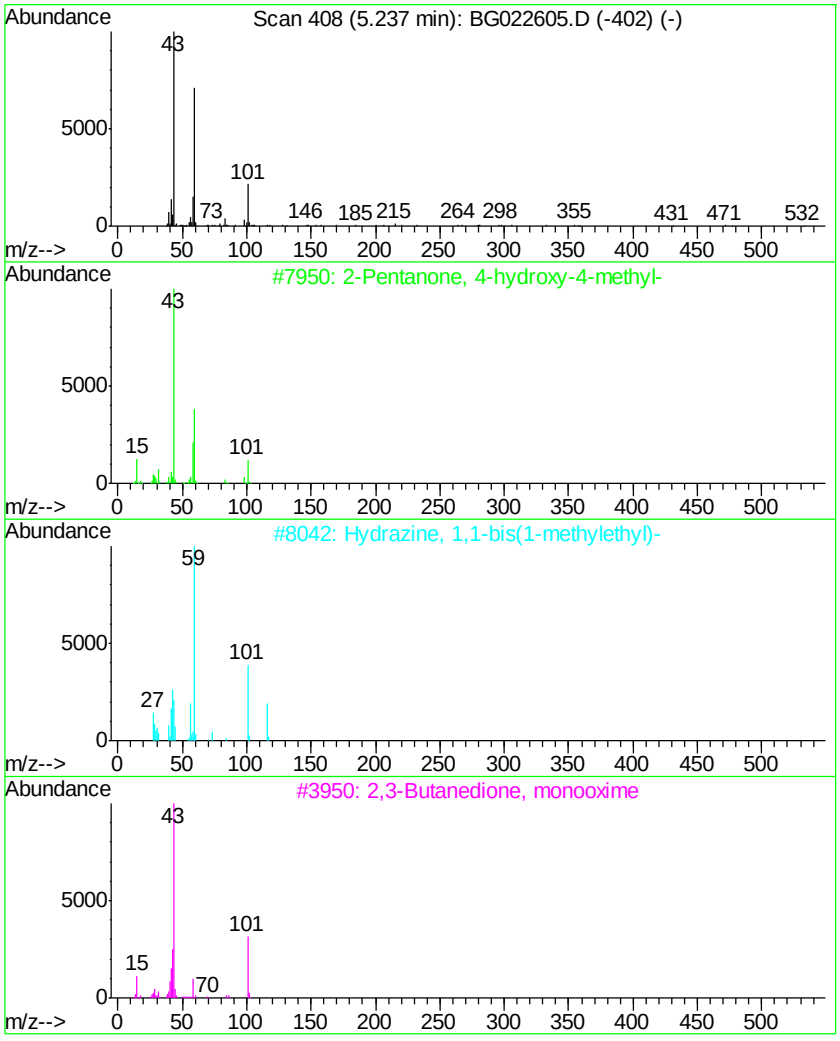
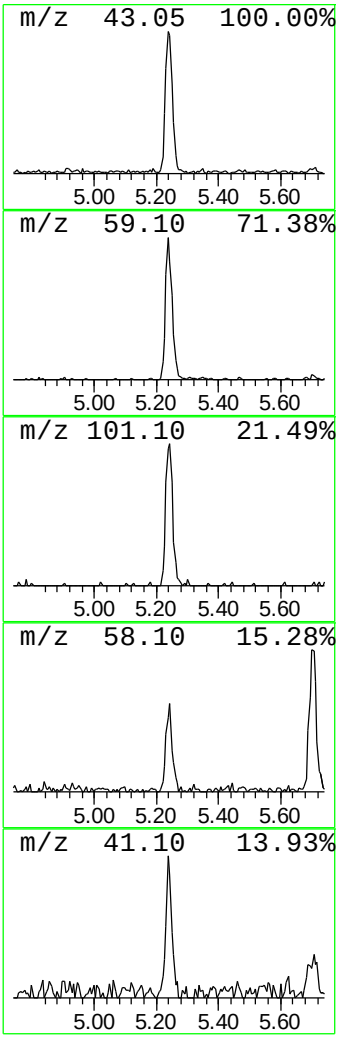
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	4.59 ng	209779	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	12
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	12





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Operator : UM/SJ
Sample : H3713-02
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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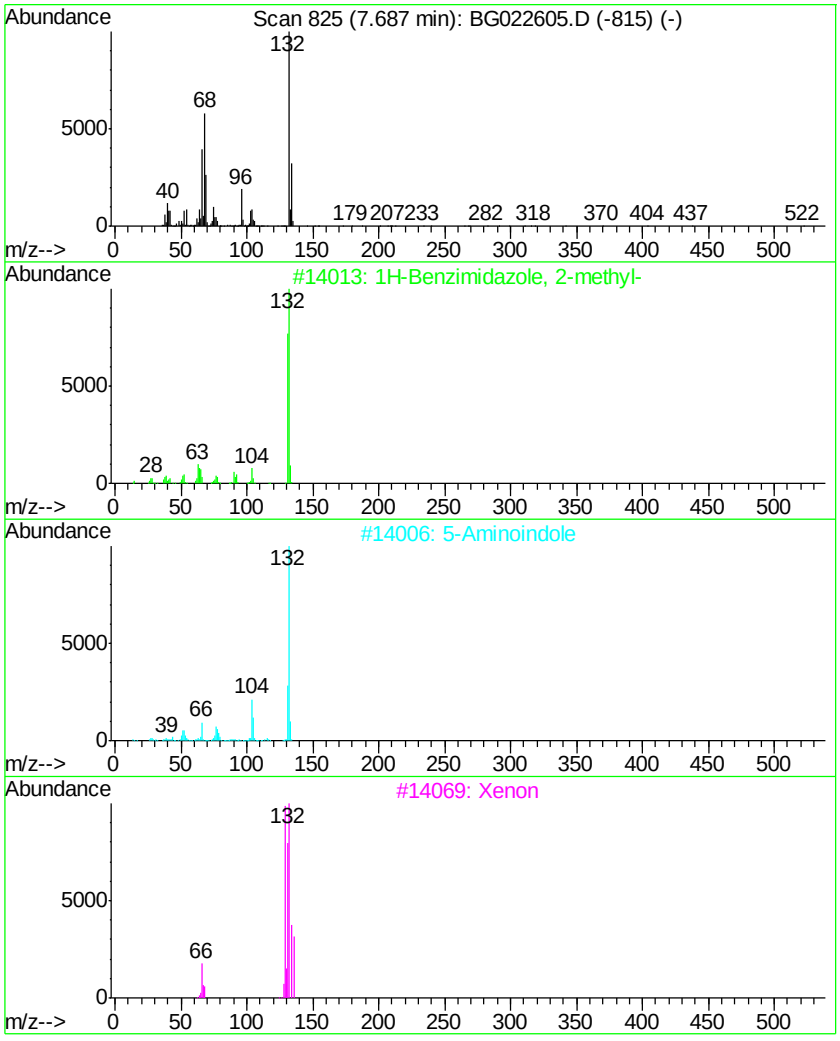
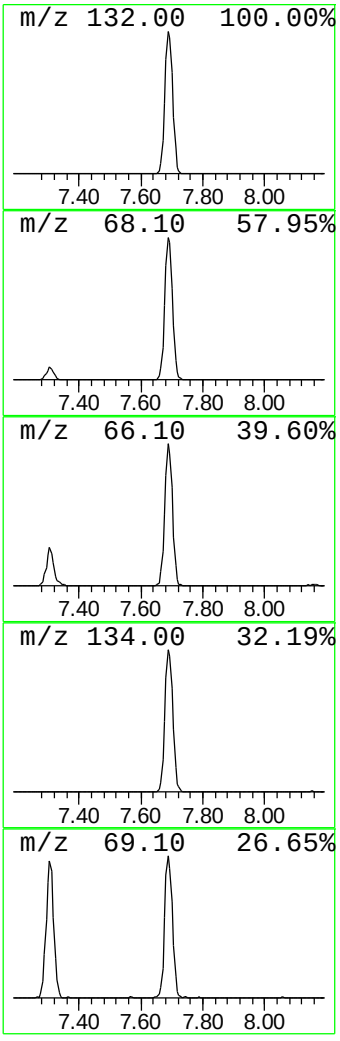
Peak Number 3 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	74.08 ng	3386220	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	Xenon	132	Xe	007440-63-3	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : H3713-02
Misc :
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Instrument : BNA_G
ClientSampleId : 3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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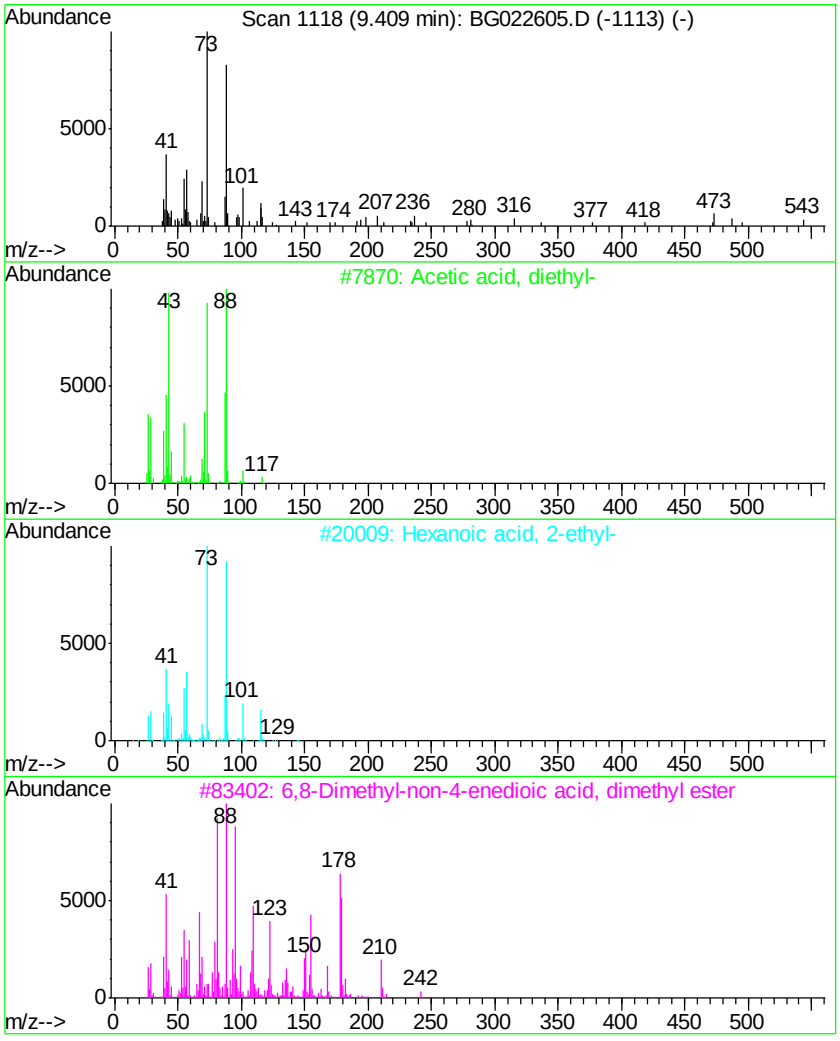
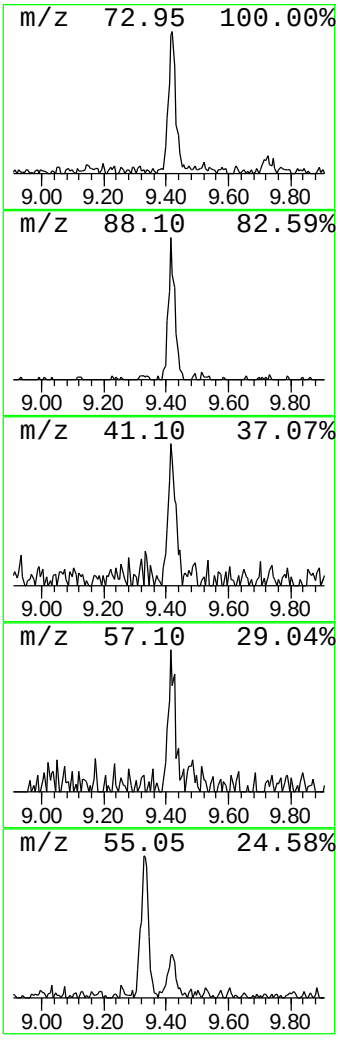
Peak Number 5 Acetic acid, diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.46 ng	112541	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	56
3	6,8-Dimethyl-non-4-enedioic acid...	242	C13H22O4	085547-52-0	43
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Dithiocarbamic acid, N,N-dimethy...	204	C8H16N2S2	066232-66-4	37





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Instrument : BNA_G
ClientSampleId : 3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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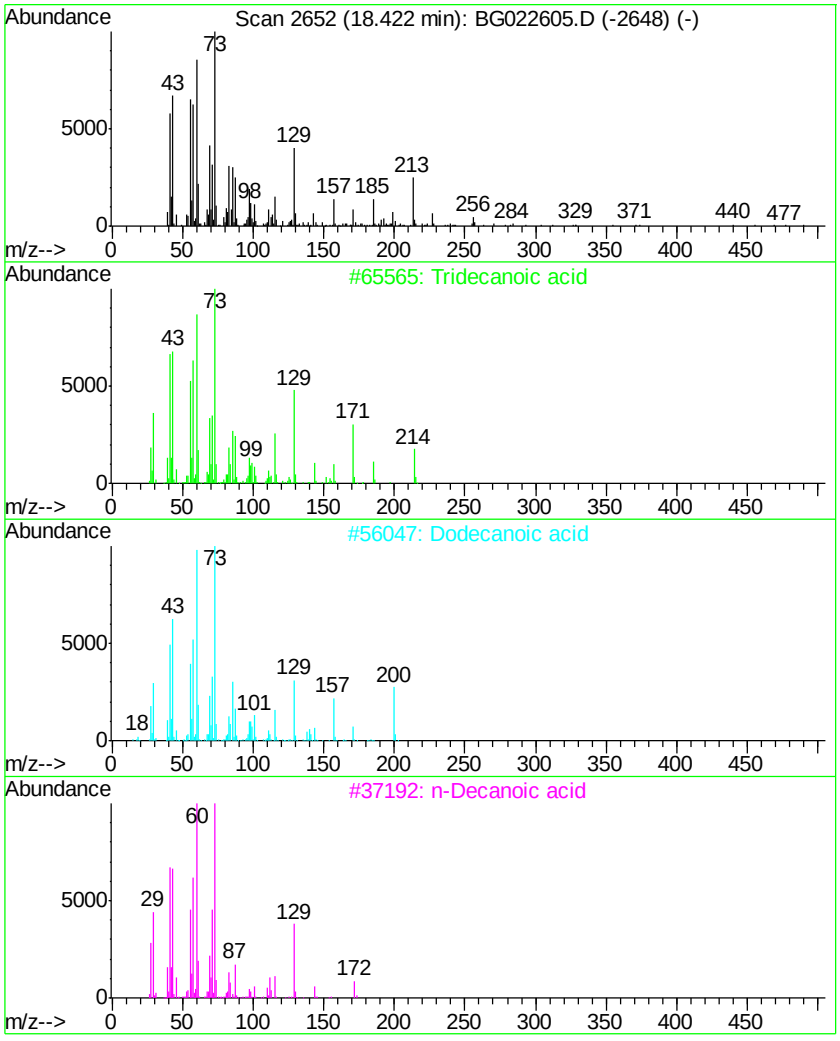
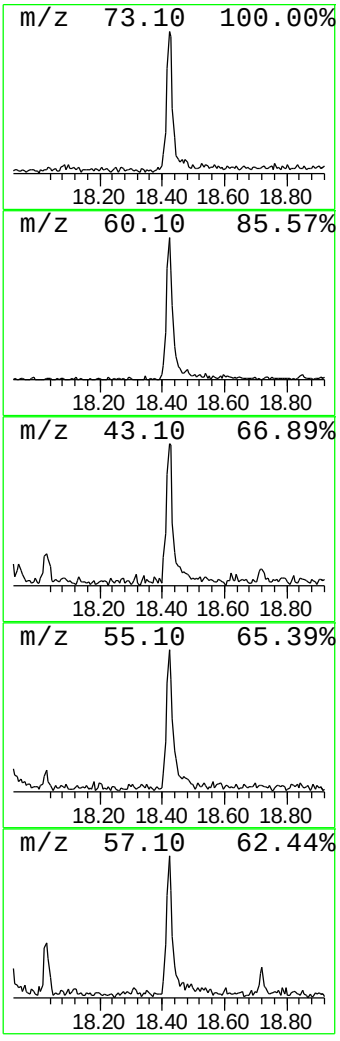
Peak Number 6 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.00 ng	545664	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Instrument : BNA_G
ClientSampleId : 3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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TIC Library : C:\DATABASE\NIST02.L
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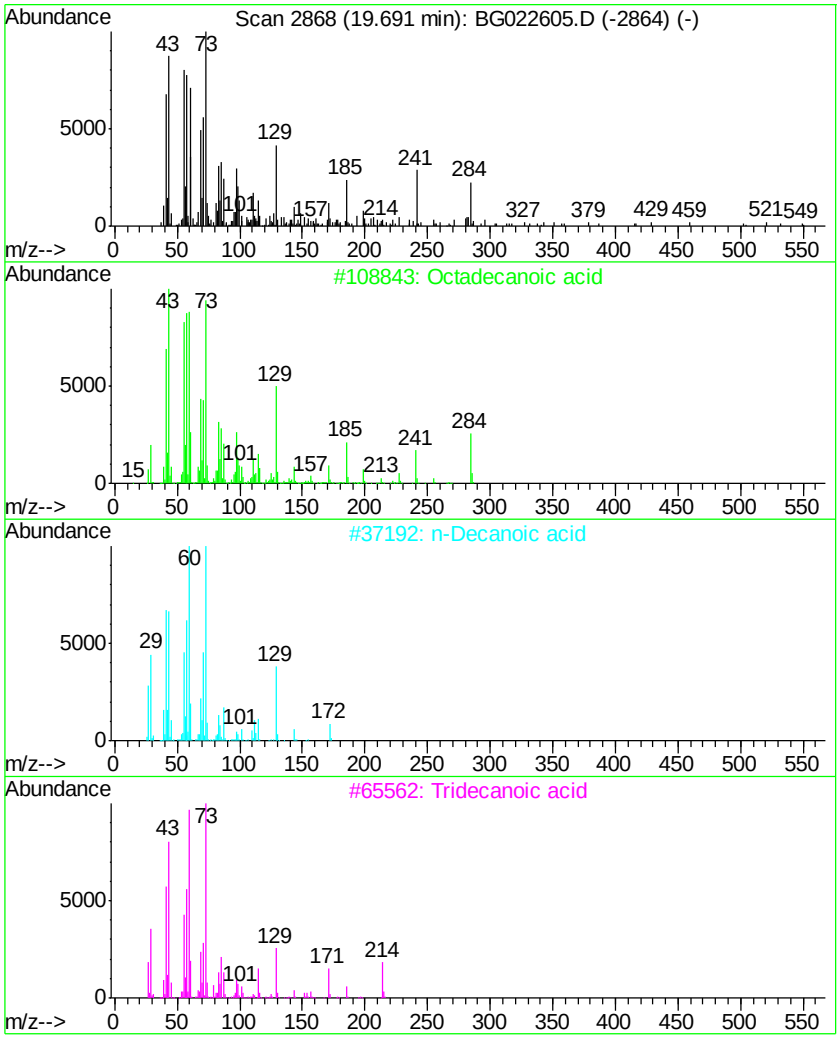
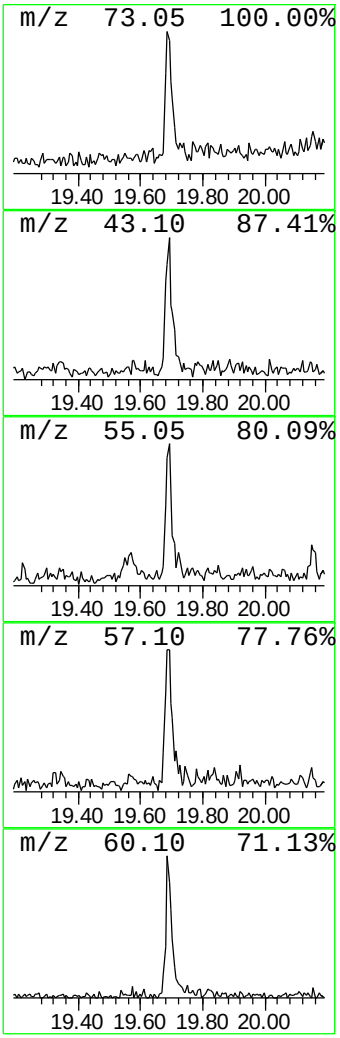
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.42 ng	330599	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	45
3	Tridecanoic acid	214	C13H26O2	000638-53-9	43
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	32





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ClientSampleId : 3A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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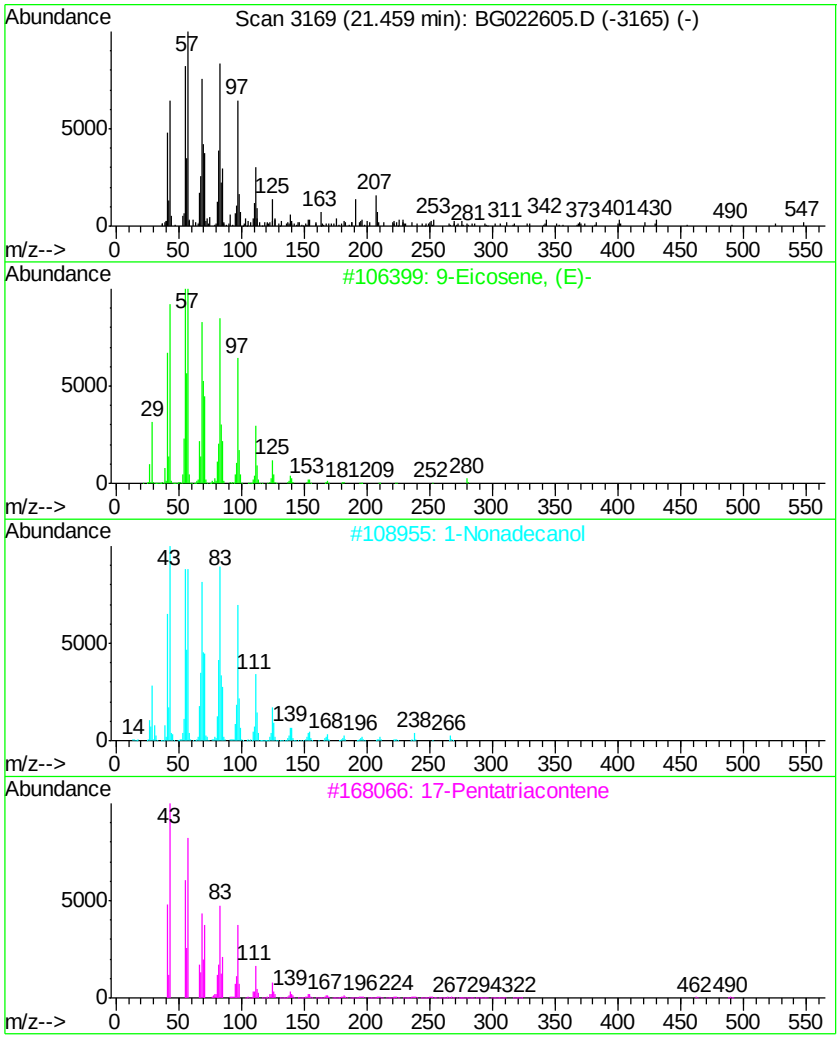
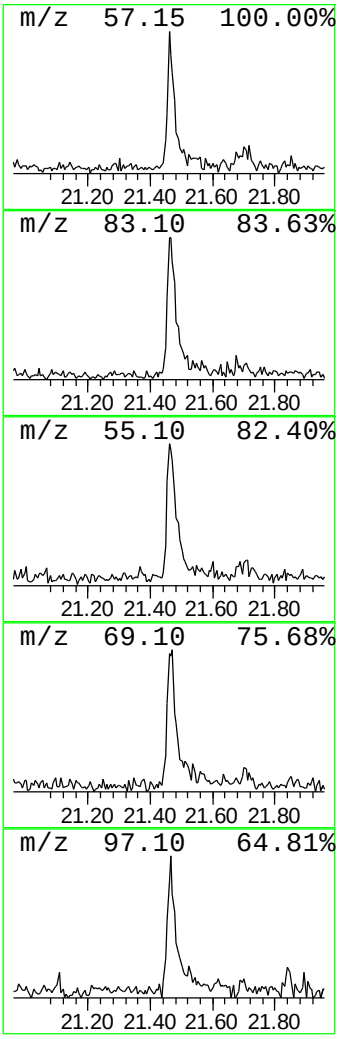
Peak Number 8 9-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.10 ng	339212	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	1-Nonadecanol	284	C19H40O	001454-84-8	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





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
unknown3.06	3.06	193.6	ng	8850470	1	8.16	914207	20.0
2-Pentanone, 4-hy...	5.24	4.6	ng	209779	1	8.16	914207	20.0
unknown7.69	7.69	74.1	ng	3386220	1	8.16	914207	20.0
Acetic acid, diet...	9.41	2.5	ng	112541	1	8.16	914207	20.0
Tridecanoic acid	18.42	4.0	ng	545664	4	17.55	2727290	20.0
Octadecanoic acid	19.69	2.4	ng	330599	4	17.55	2727290	20.0
9-Eicosene, (E)-	21.46	2.1	ng	339212	5	21.85	3225880	20.0