LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022606.D
Acq On : 26 Jun 2016 12:05
Operator : UM/SJ
Sample : H3713-06
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5A-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	3.056	32	37	56	rBV	7790589	12533243	100.00%	16.789%
2	5.236	402	408	417	rBV	171492	283613	2.26%	0.380%
3	5.706	481	488	500	rVB	2826855	4516529	36.04%	6.050%
4	7.310	753	761	770	rBV	2946530	5146084	41.06%	6.893%
5	7.692	818	826	836	rVB	2776314	4832681	38.56%	6.474%
6	8.162	898	906	913	rBV	487438	833089	6.65%	1.116%
7	8.491	950	962	969	rBV	1927570	3419424	27.28%	4.581%
8	9.331	1096	1105	1114	rBV	1783078	3224767	25.73%	4.320%
9	10.988	1379	1387	1395	rBV	634365	1161204	9.26%	1.555%
10	13.420	1793	1801	1812	rBV	4158219	6597234	52.64%	8.837%
11	14.237	1935	1940	1946	rBV	944031	1343747	10.72%	1.800%
12	14.795	2029	2035	2044	rVB2	1034704	1705570	13.61%	2.285%
13	16.288	2281	2289	2296	rBV	4946000	7391810	58.98%	9.902%
14	16.487	2319	2323	2327	rBV3	103713	150578	1.20%	0.202%
15	17.551	2498	2504	2511	rBV2	1521145	2369277	18.90%	3.174%
16	17.915	2561	2566	2576	rBV2	355600	553651	4.42%	0.742%
17	18.426	2648	2653	2663	rBV	590892	821778	6.56%	1.101%
18	19.689	2864	2868	2874	rBV2	396318	543075	4.33%	0.727%
19	20.159	2941	2948	2953	rBV	7615551	10626970	84.79%	14.235%
20	21.464	3166	3170	3178	rBV4	165457	273861	2.19%	0.367%
21	21.687	3203	3208	3209	rBV	344325	431946	3.45%	0.579%
22	21.846	3229	3235	3247	rVB	1700059	2911733	23.23%	3.900%
23	23.602	3530	3534	3540	rVB2	90932	161596	1.29%	0.216%
24	25.206	3797	3807	3818	rVB	972922	2818232	22.49%	3.775%

Sum of corrected areas: 74651692

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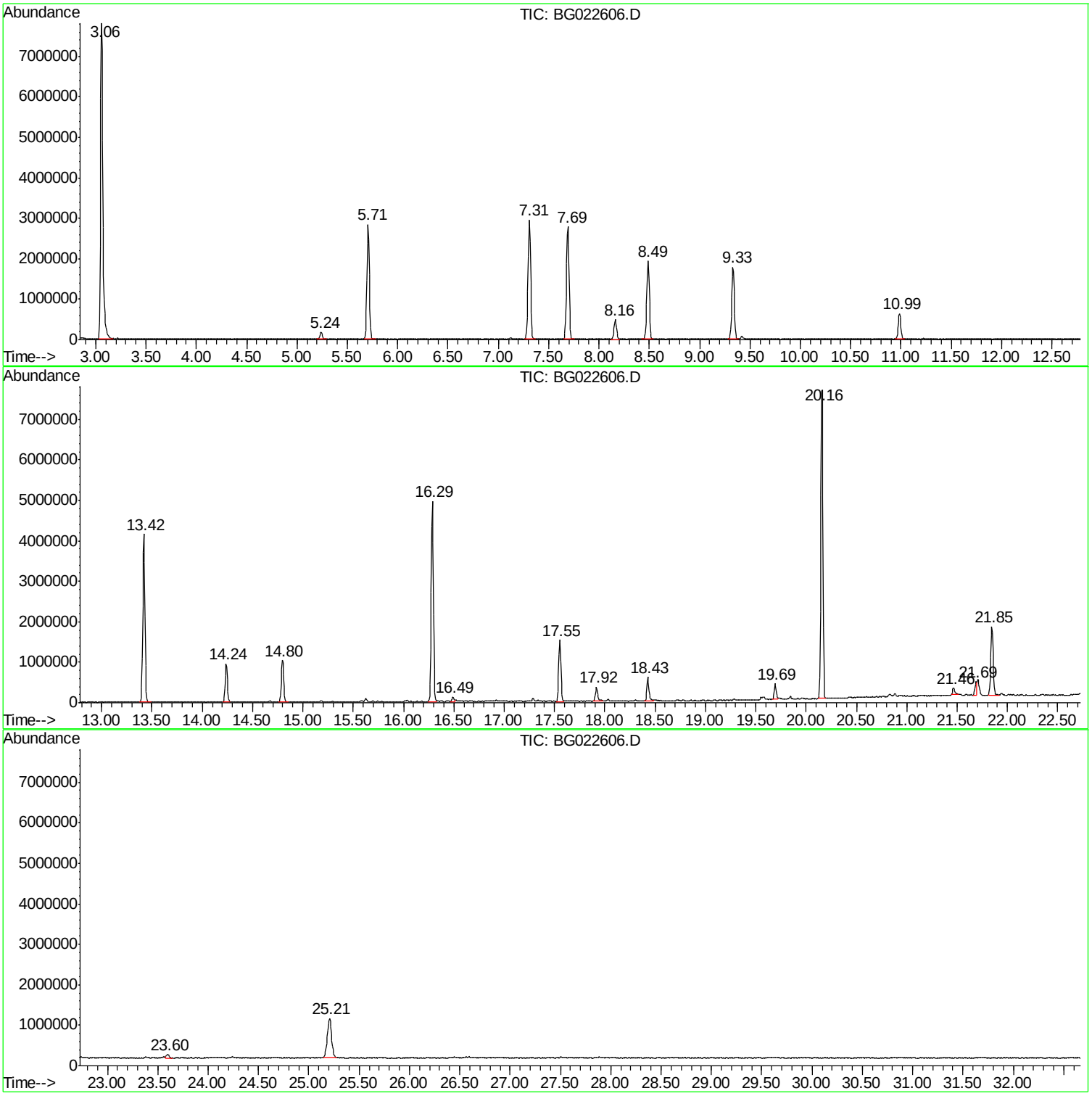
Instrument :
BNA_G
ClientSampleId :
5A-9-11

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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Operator : UM/SJ
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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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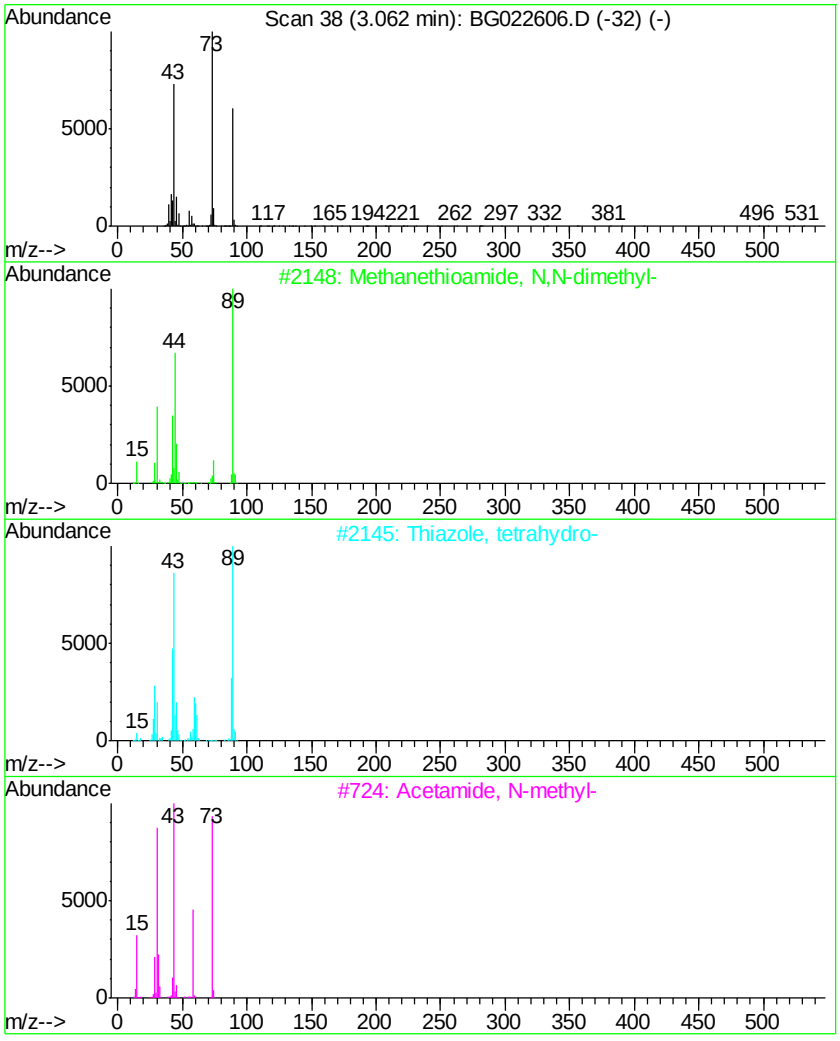
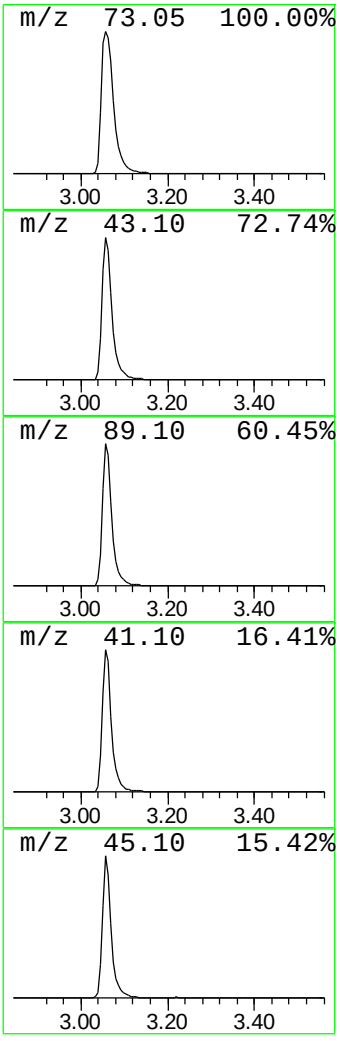
Peak Number 1 unknown3.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	300.89 ng	12533200	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	43
2	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	28
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
4	1-Hepten-4-ol	114	C7H14O	003521-91-3	23
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





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Instrument : BNA_G
ClientSampleId : 5A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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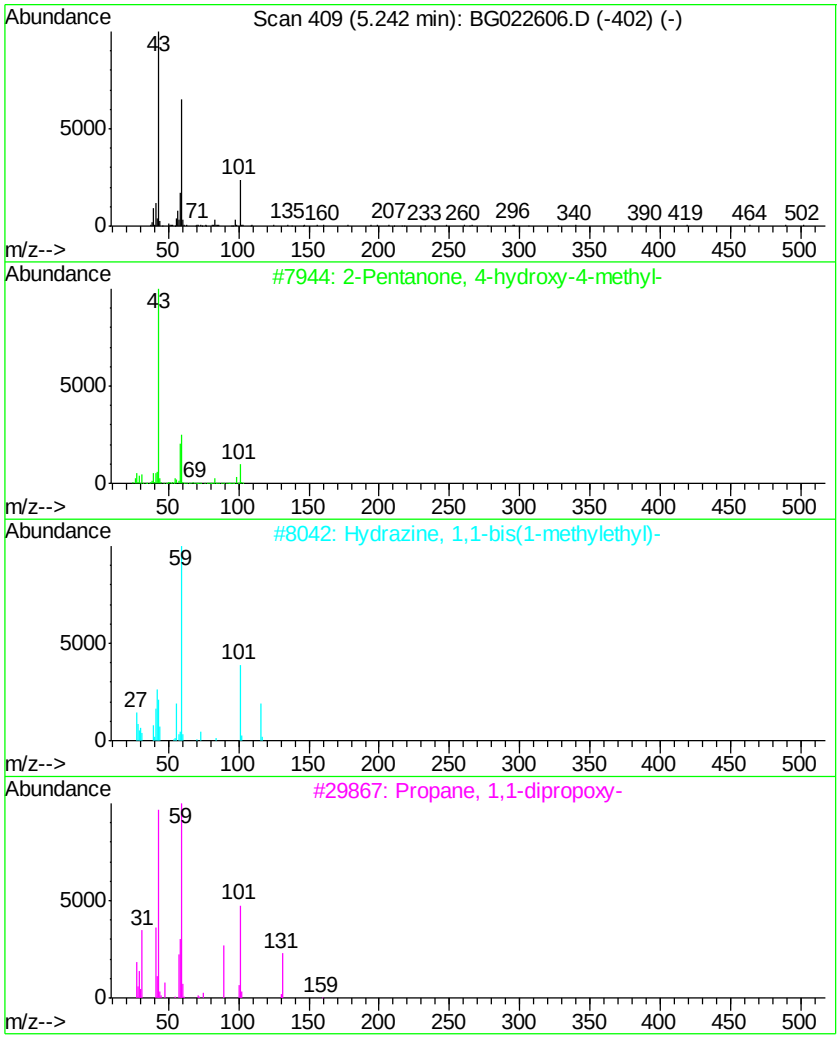
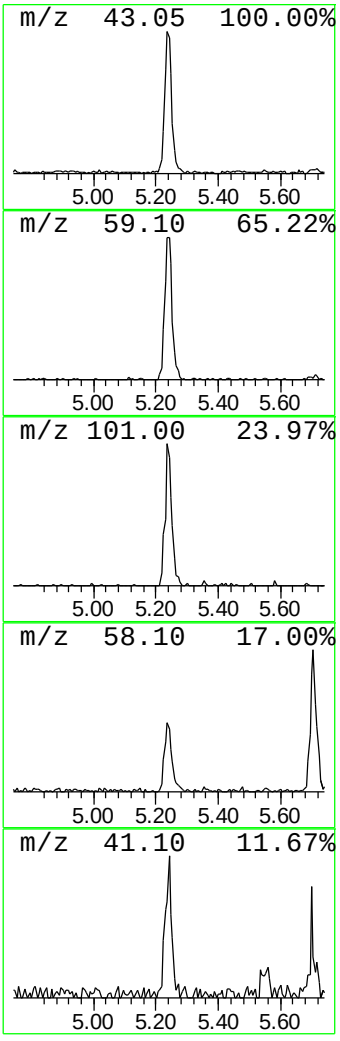
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	6.81 ng	283613	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	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	45
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





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Operator : UM/SJ
Sample : H3713-06
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5A-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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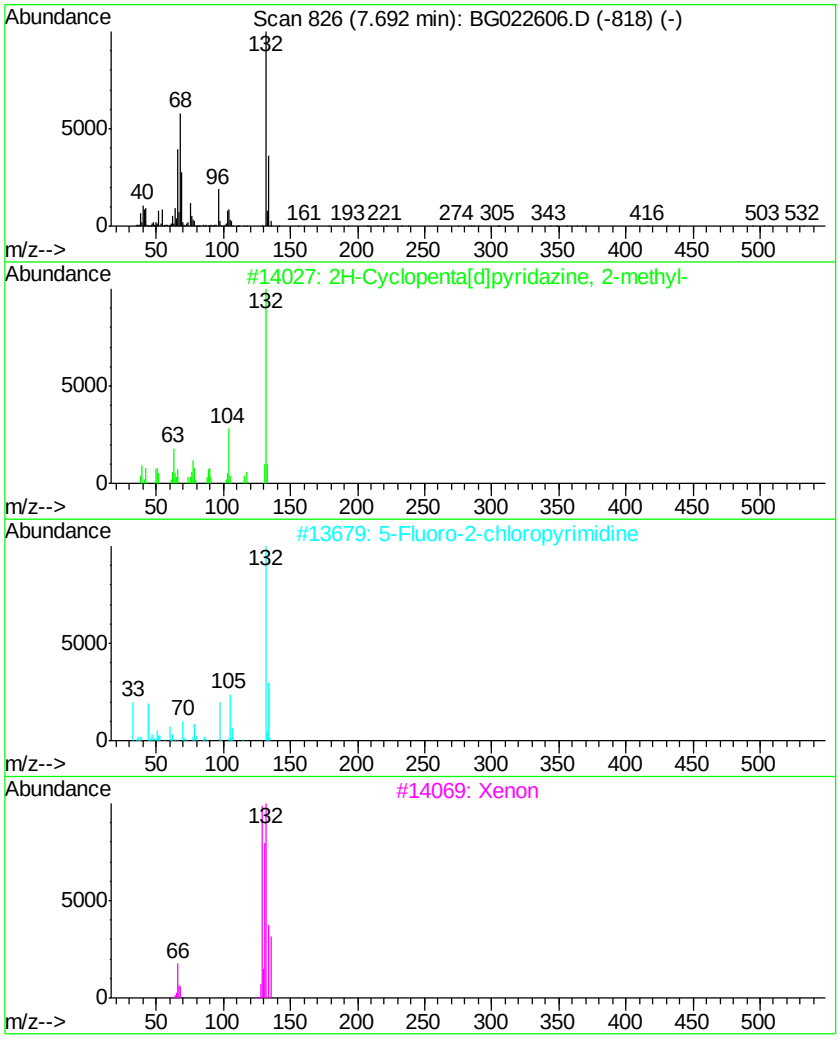
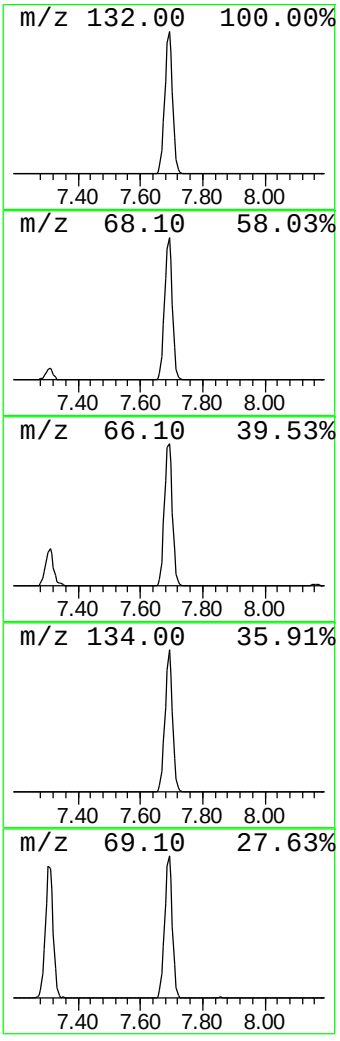
Peak Number 3 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	116.02 ng	4832680	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
3	Xenon	132	Xe	007440-63-3	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Sample : H3713-06
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5A-9-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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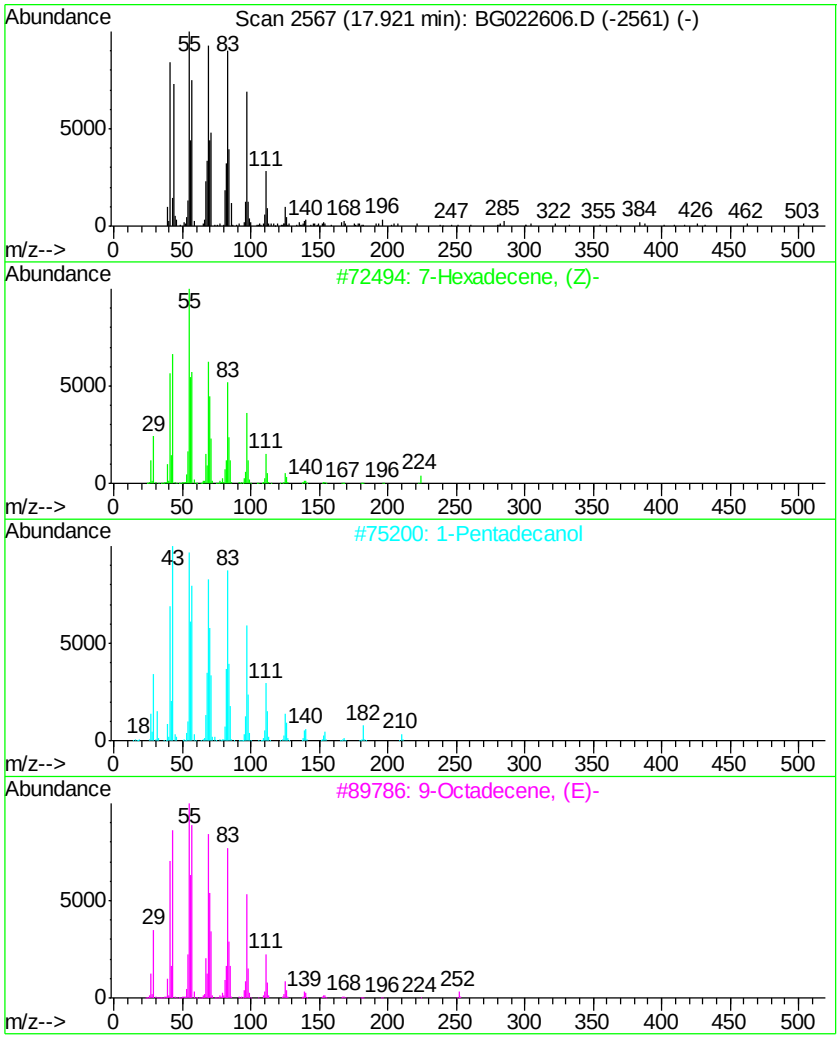
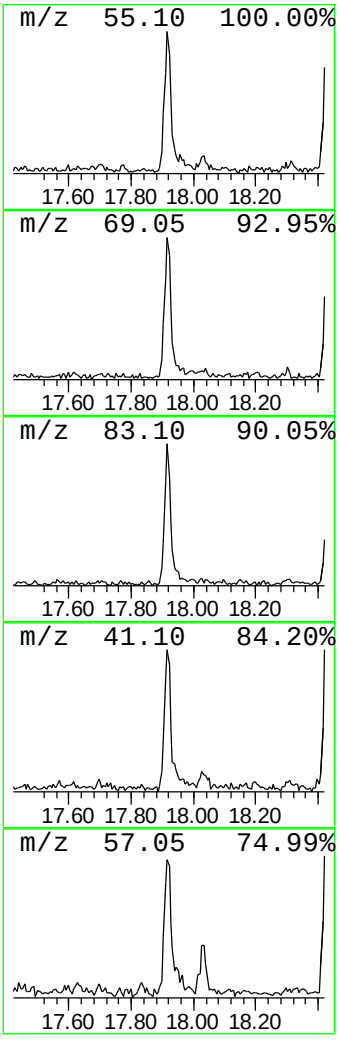
Peak Number 5 7-Hexadecene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.67 ng	553651	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
2	1-Pentadecanol	228	C15H32O	000629-76-5	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	90
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87





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Operator : UM/SJ
Sample : H3713-06
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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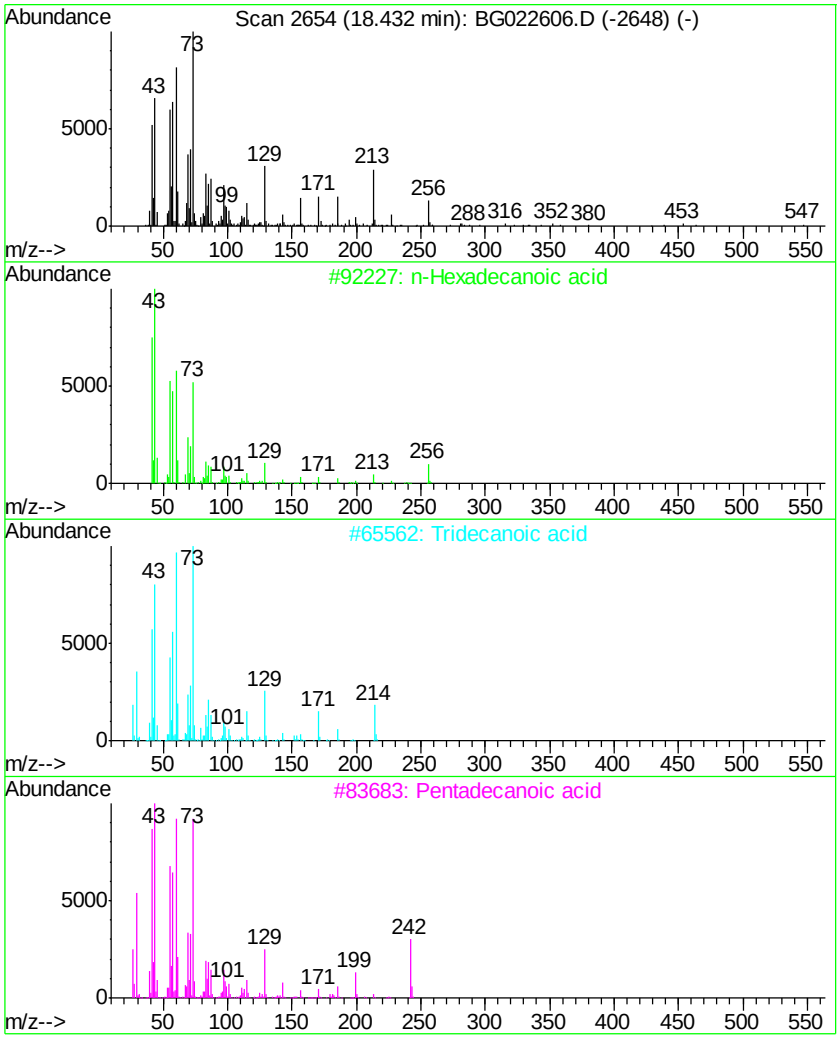
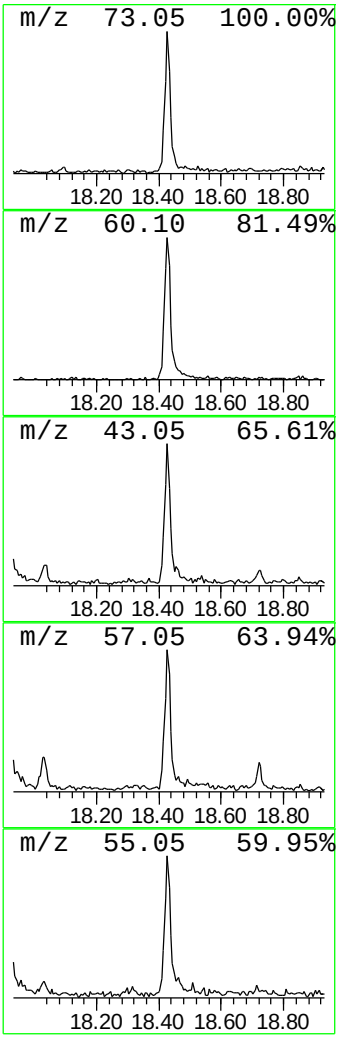
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	6.94 ng	821778	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43





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ClientSampleId : 5A-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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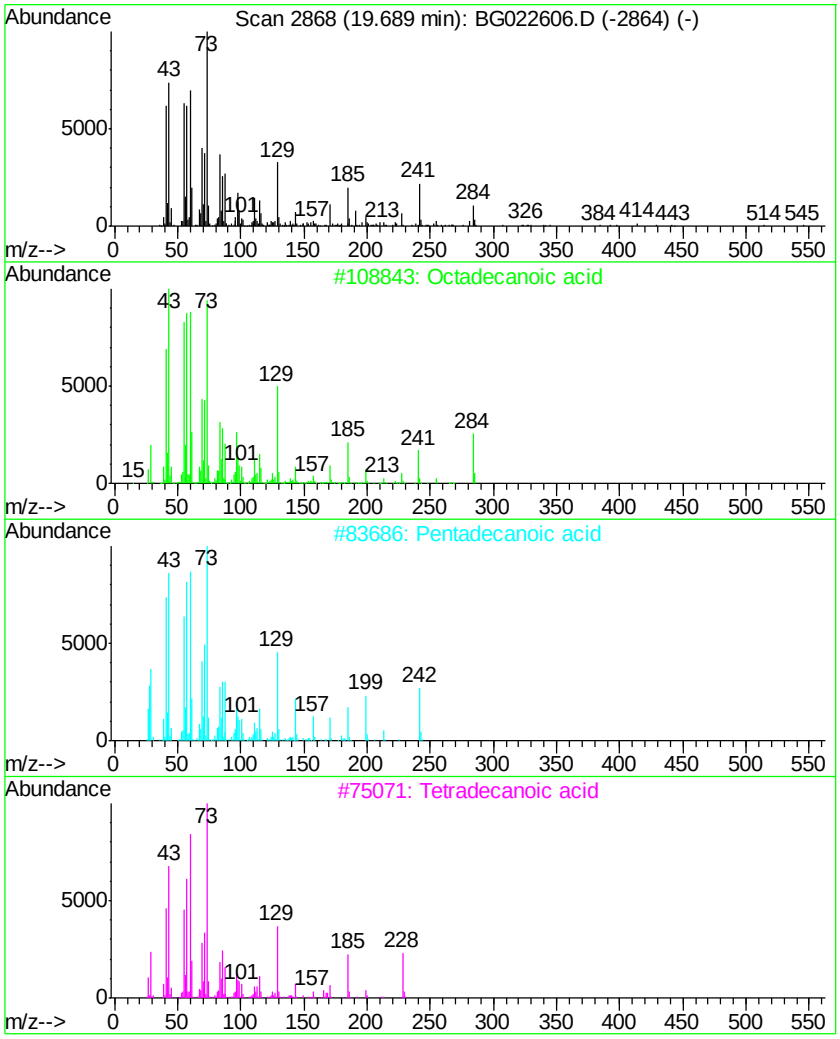
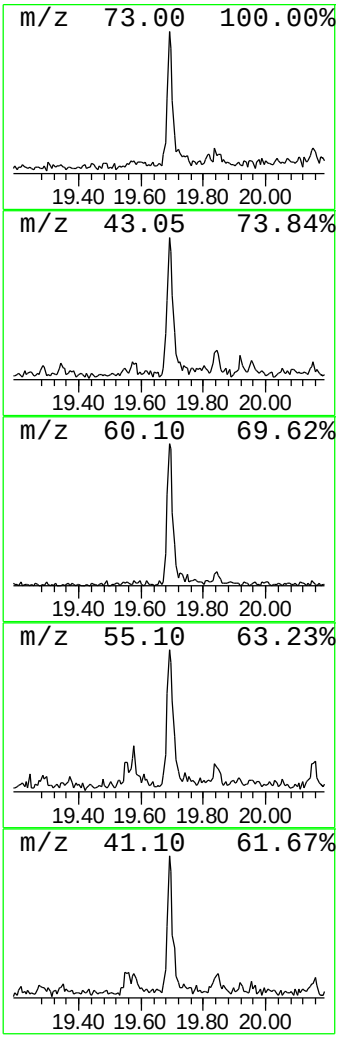
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	4.58 ng	543075	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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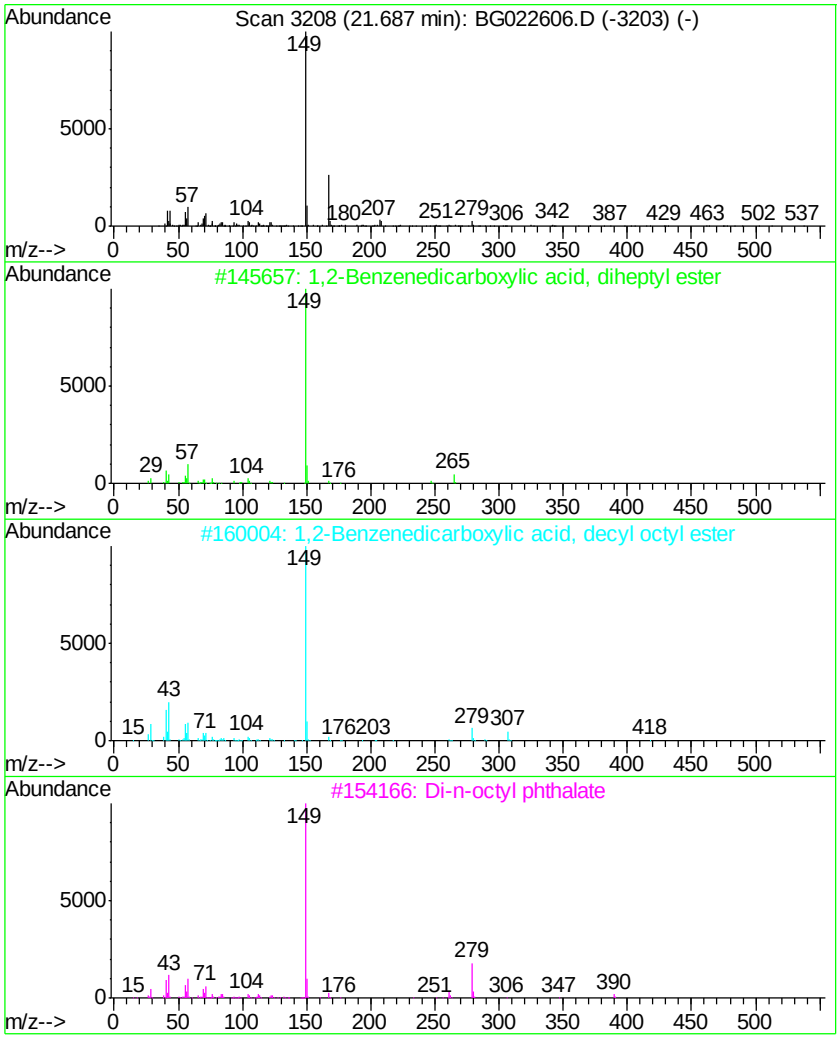
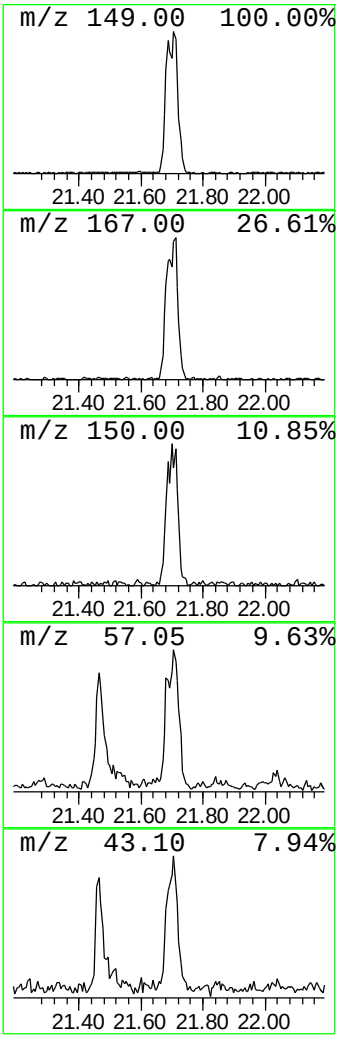
Peak Number 8 1,2-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.97 ng	431946	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	64
2	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	64
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	59
4	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	59
5	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	59





Tentatively Identified Compound (LSC) summary

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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	300.9	ng	12533200	1	8.16	833089	20.0
2-Pentanone, 4-hy...	5.24	6.8	ng	283613	1	8.16	833089	20.0
unknown7.69	7.69	116.0	ng	4832680	1	8.16	833089	20.0
7-Hexadecene, (Z)-	17.92	4.7	ng	553651	4	17.55	2369280	20.0
n-Hexadecanoic acid	18.43	6.9	ng	821778	4	17.55	2369280	20.0
Octadecanoic acid	19.69	4.6	ng	543075	4	17.55	2369280	20.0
1,2-Benzenedicarb...	21.69	3.0	ng	431946	5	21.85	2911730	20.0