LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021107.D
Acq On : 27 Feb 2016 9:53
Operator : UM/SJ
Sample : H1558-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-18

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-BG022616.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	3.233	62	67	74	rBV	5817	11062	2.04%	0.456%
2	5.260	405	412	420	rBB	22187	31834	5.88%	1.311%
3	5.718	485	490	498	rBB	97340	155105	28.67%	6.389%
4	7.310	754	761	769	rBB	108384	179795	33.23%	7.406%
5	7.698	820	827	834	rBB	103347	173648	32.09%	7.153%
6	8.168	902	907	913	rBB	20502	32675	6.04%	1.346%
7	8.491	956	962	969	rBB	73332	122388	22.62%	5.042%
8	9.331	1098	1105	1112	rBB	64864	112369	20.77%	4.629%
9	10.976	1379	1385	1392	rBB	28792	49511	9.15%	2.040%
10	13.403	1791	1798	1805	rBB	189968	277952	51.37%	11.450%
11	14.220	1932	1937	1942	rBB	14278	19520	3.61%	0.804%
12	14.772	2025	2031	2037	rBB2	47782	73349	13.56%	3.021%
13	15.600	2168	2172	2176	rBB	6902	7642	1.41%	0.315%
14	16.253	2277	2283	2289	rVB2	164241	231981	42.87%	9.556%
15	16.458	2313	2318	2321	rBV	6442	8203	1.52%	0.338%
16	17.510	2491	2497	2504	rVB	67252	99714	18.43%	4.108%
17	18.374	2640	2644	2654	rBV	14475	18890	3.49%	0.778%
18	20.101	2932	2938	2943	rBV	431971	541066	100.00%	22.288%
19	21.400	3155	3159	3168	rBV2	27595	36596	6.76%	1.508%
20	21.776	3216	3223	3230	rVB	78221	131911	24.38%	5.434%
21	25.060	3772	3782	3791	rBV3	40833	112384	20.77%	4.629%

Sum of corrected areas: 2427595

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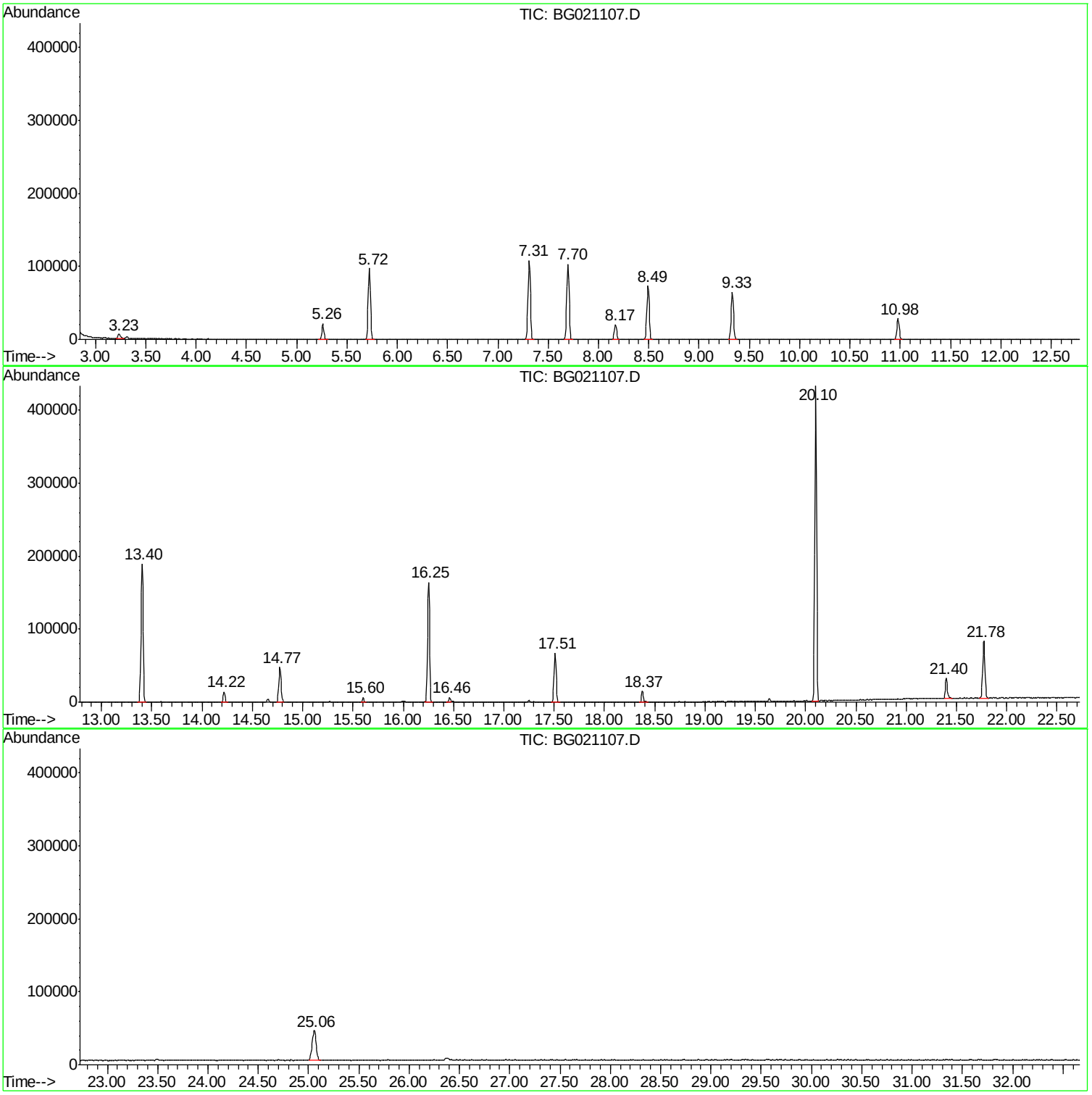
Instrument : BNA_G
ClientSampleId : S-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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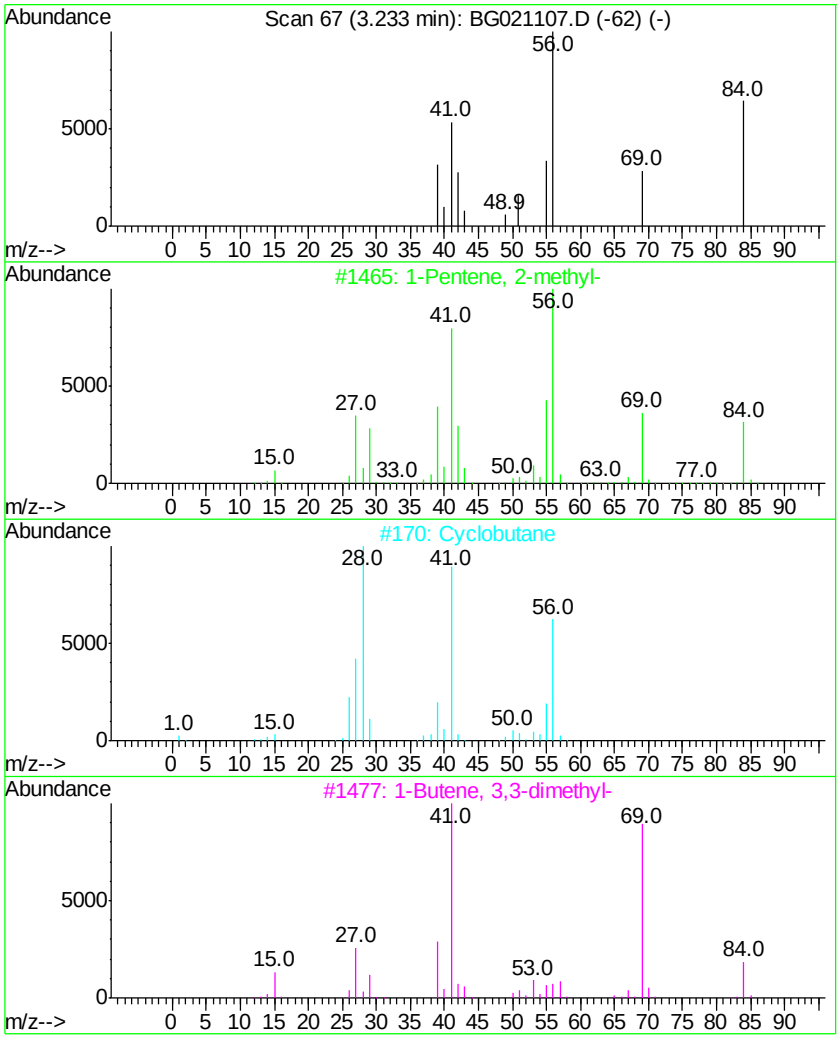
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

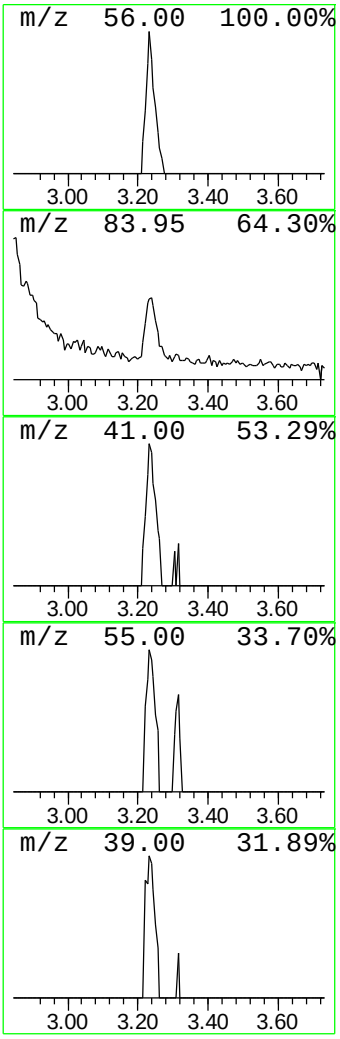
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	6.77 ng	11062	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyclobutane	56	C4H8	000287-23-0	9
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	9
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	9
5	1-Hexanol	102	C6H14O	000111-27-3	9





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Instrument : BNA_G
ClientSampleId : S-18

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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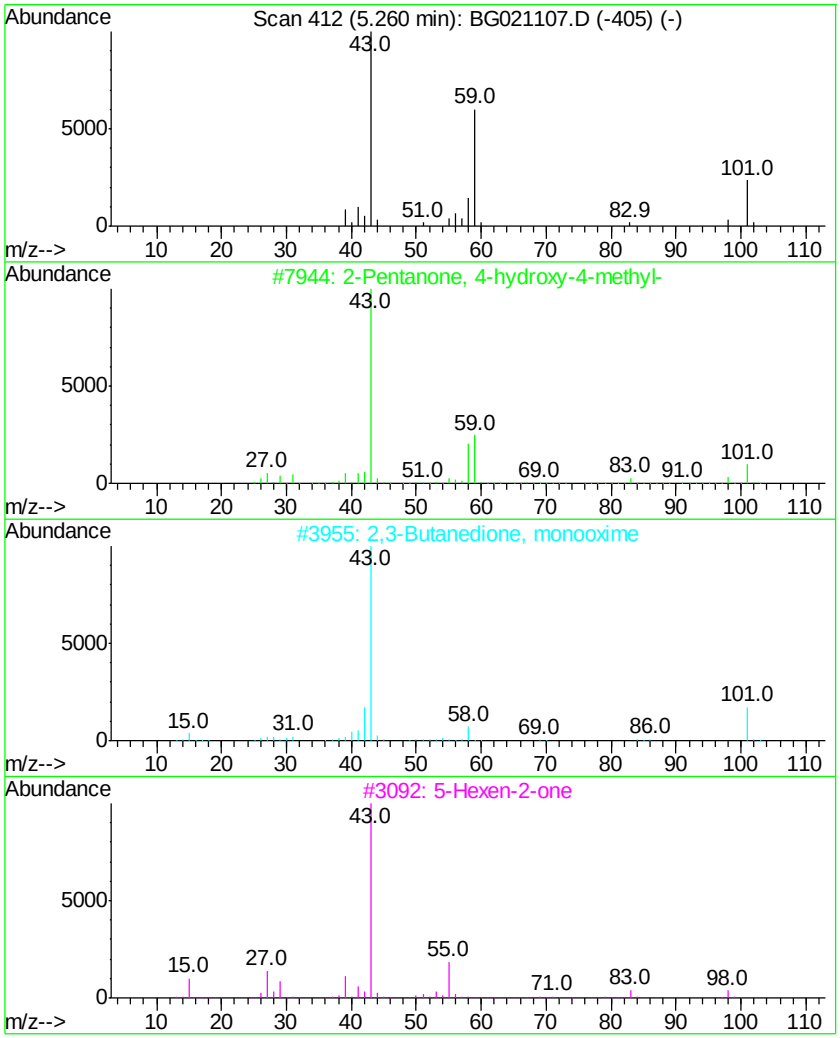
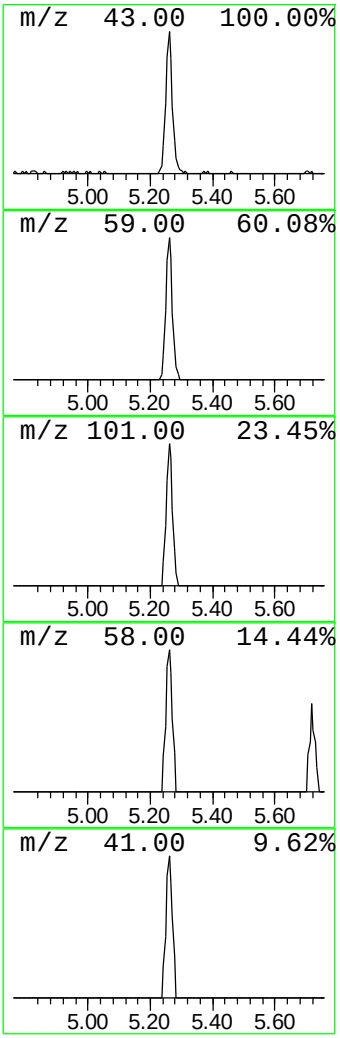
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	19.49 ng	31834	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Propylamine	59	C3H9N	000107-10-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H1558-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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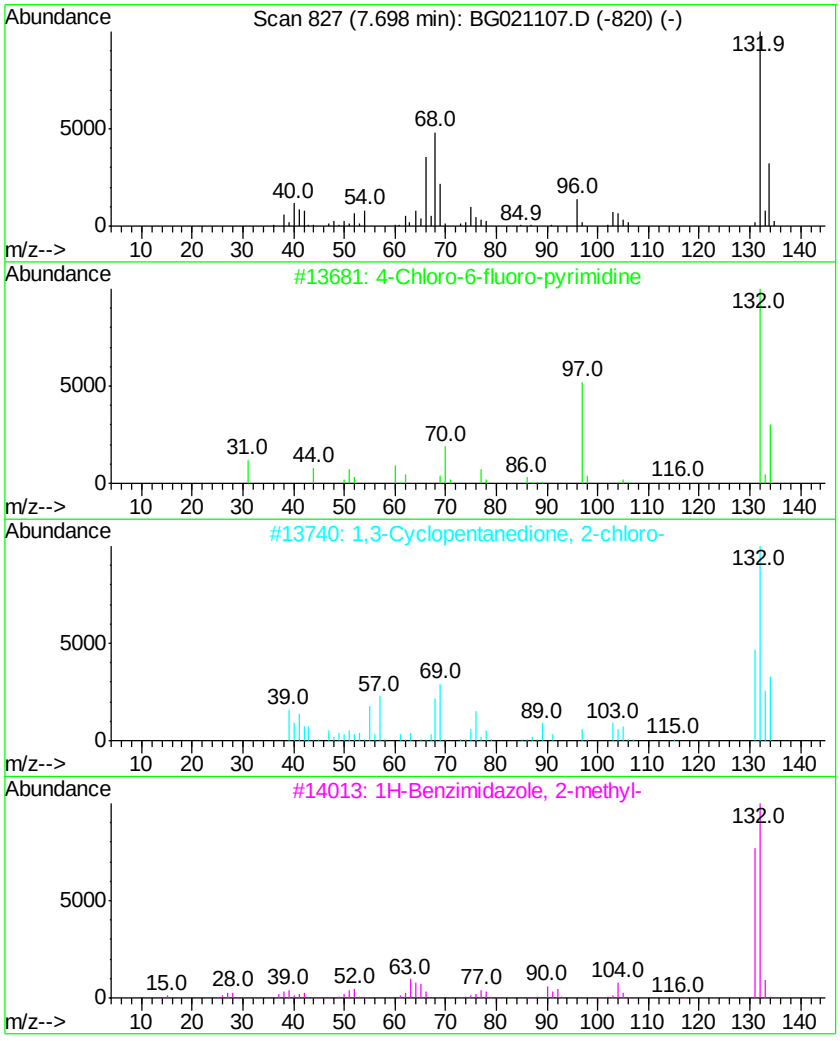
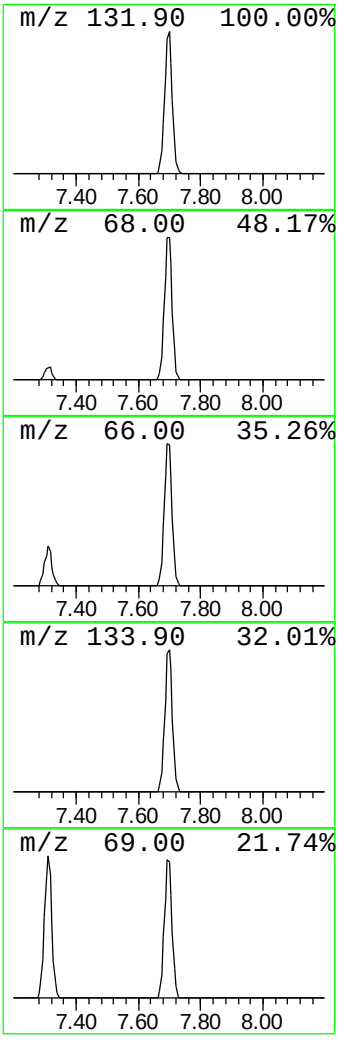
Peak Number 3 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	106.29 ng	173648	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Instrument : BNA_G
ClientSampleId : S-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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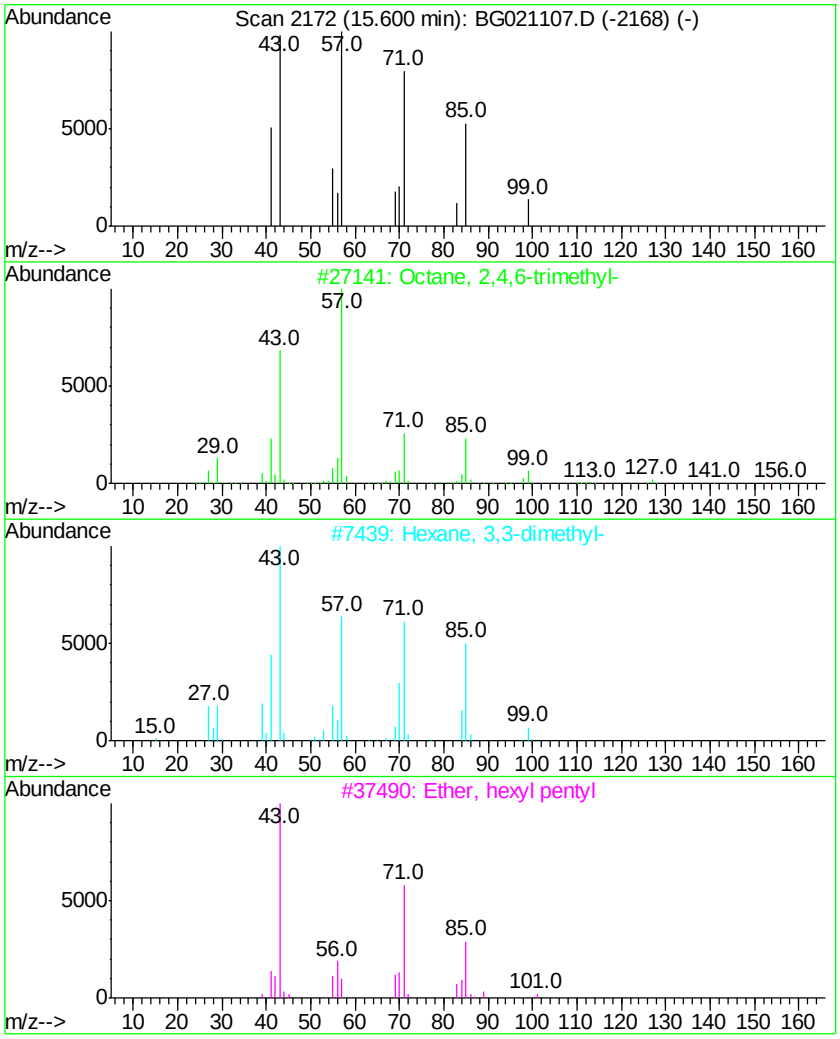
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

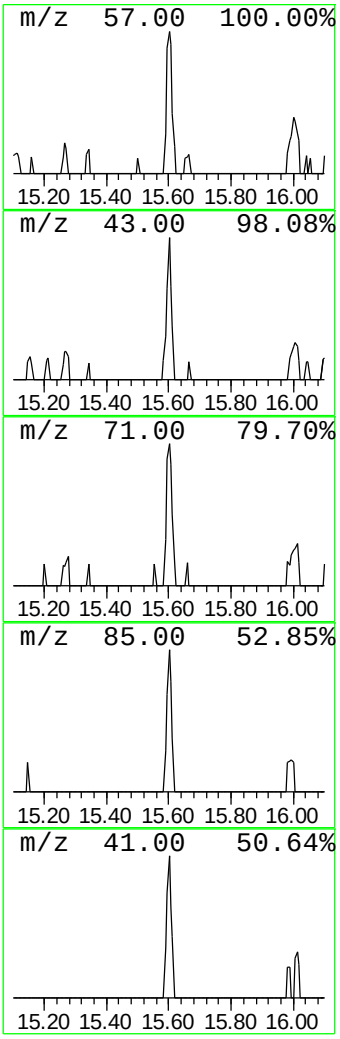
****

Peak Number 5 Octane, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.08 ng	7642	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	74
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	43
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	42
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Acq On : 27 Feb 2016 9:53
Operator : UM/SJ
Sample : H1558-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-18

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

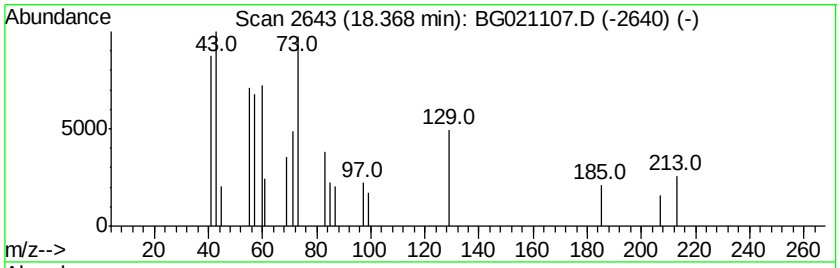
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

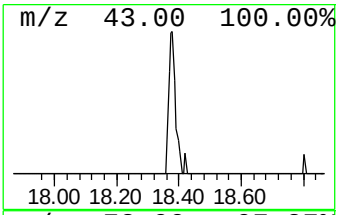
****

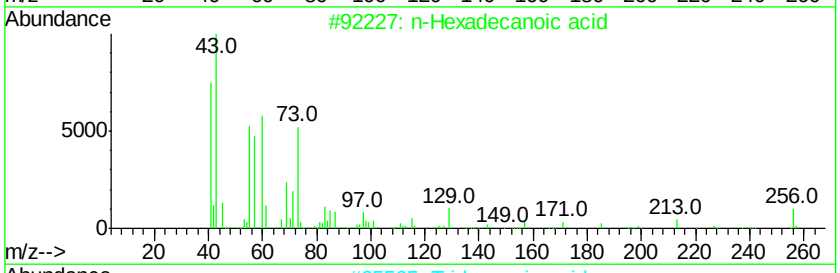
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

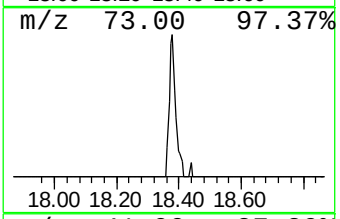
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.79 ng	18890	Phenanthrene-d10	17.51

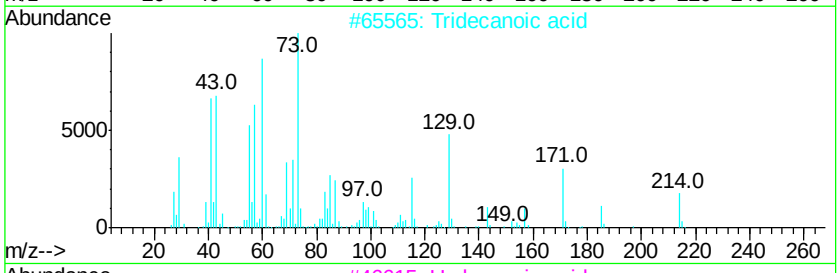
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	52
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47

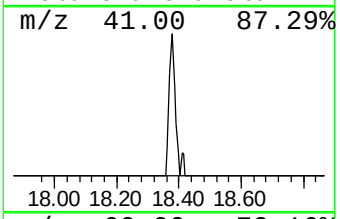


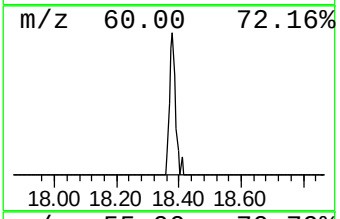


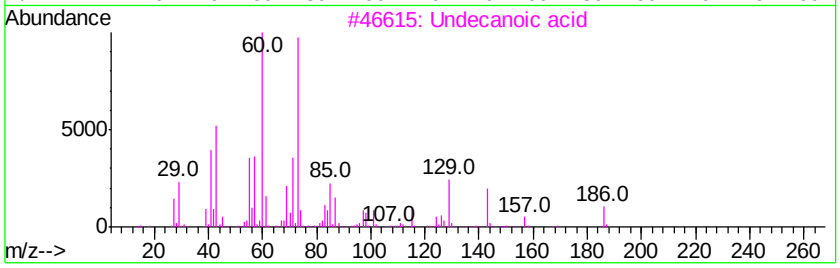


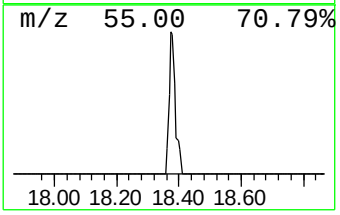












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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

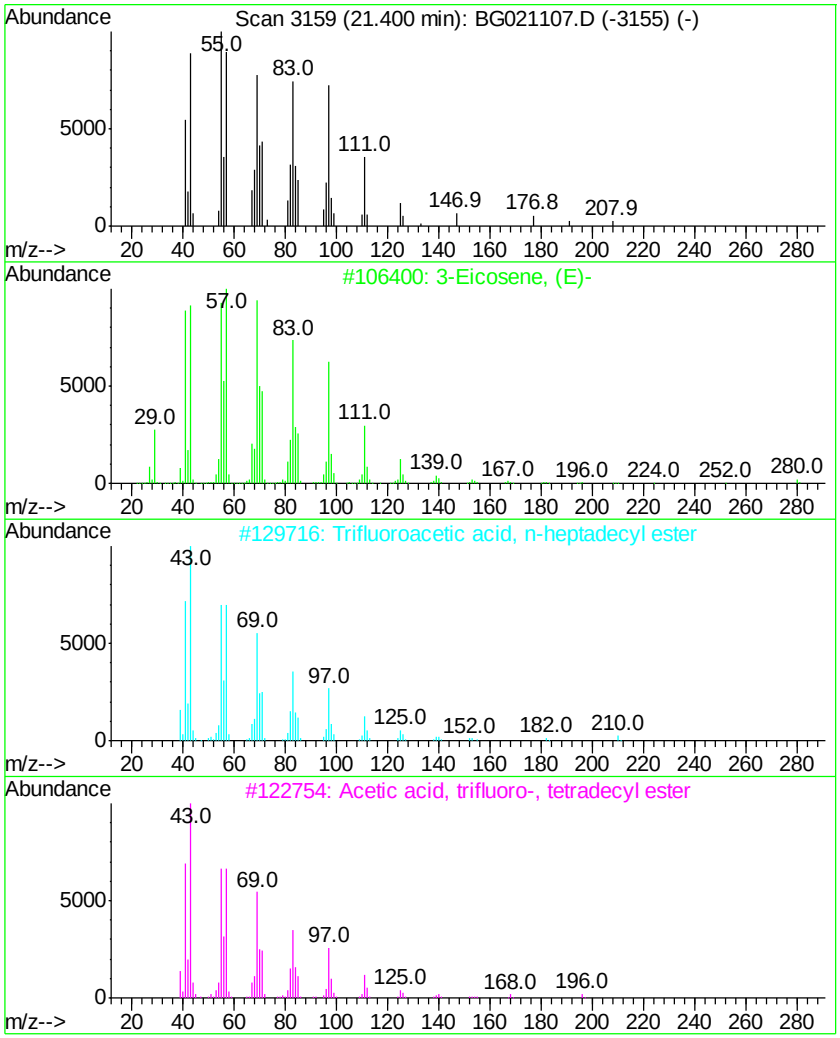
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

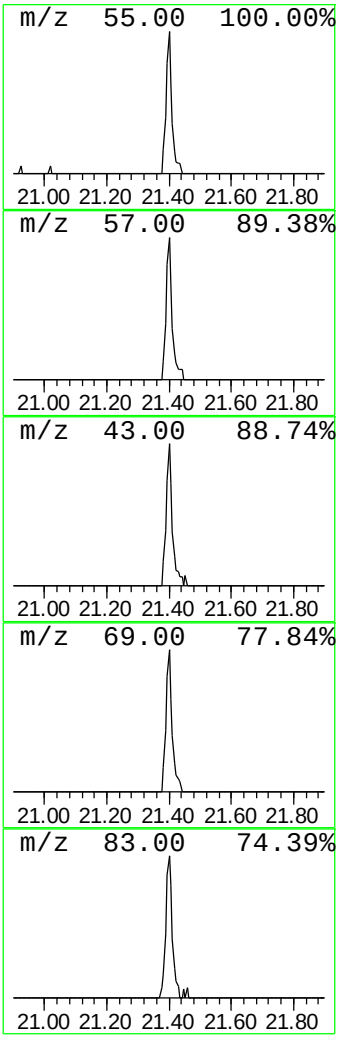
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	5.55 ng	36596	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
3	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	90
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	86
5	1-Pentadecanol	228	C15H32O	000629-76-5	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.23	6.8	ng	11062	1	8.17	32675	20.0
2-Pentanone, 4-hy...	5.26	19.5	ng	31834	1	8.17	32675	20.0
unknown7.70	7.70	106.3	ng	173648	1	8.17	32675	20.0
Octane, 2,4,6-tri...	15.60	2.1	ng	7642	3	14.77	73349	20.0
n-Hexadecanoic acid	18.37	3.8	ng	18890	4	17.51	99714	20.0
3-Eicosene, (E)-	21.40	5.5	ng	36596	5	21.77	131911	20.0