LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035670.D
Acq On : 16 Jul 2018 15:20
Operator : JU/SJ
Sample : J3975-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SV30518L

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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	5.172	314	321	329	rBV	62593	102477	1.98%	0.446%
2	5.642	393	401	407	rBV	574205	939182	18.12%	4.091%
3	7.229	664	671	686	rBV	389992	710181	13.70%	3.094%
4	7.593	726	733	740	rBV	1018286	1798013	34.68%	7.833%
5	8.057	806	812	818	rBV	194222	329322	6.35%	1.435%
6	8.380	860	867	881	rVB	869782	1524830	29.41%	6.643%
7	9.220	1002	1010	1019	rBV	782650	1408138	27.16%	6.134%
8	10.859	1278	1289	1298	rBV	246827	464472	8.96%	2.023%
9	13.303	1696	1705	1713	rBV	2165005	3444445	66.44%	15.005%
10	13.561	1744	1749	1754	rVB	80715	117831	2.27%	0.513%
11	14.125	1839	1845	1850	rBV	86028	123127	2.37%	0.536%
12	14.677	1932	1939	1945	rBV2	437531	705946	13.62%	3.075%
13	14.736	1945	1949	1955	rVB	70914	113624	2.19%	0.495%
14	16.163	2185	2192	2203	rBV	1708029	2684906	51.79%	11.696%
15	17.421	2399	2406	2411	rBV	584692	916142	17.67%	3.991%
16	18.302	2551	2556	2561	rBV3	82422	120794	2.33%	0.526%
17	18.584	2600	2604	2611	rBV3	49161	89301	1.72%	0.389%
18	19.571	2768	2772	2778	rBV9	37513	64697	1.25%	0.282%
19	20.029	2843	2850	2857	rBV	3670126	5184536	100.00%	22.585%
20	21.685	3126	3132	3140	rVB2	636126	1035860	19.98%	4.512%
21	23.971	3516	3521	3528	rVB6	27155	58613	1.13%	0.255%
22	24.905	3671	3680	3690	rBV2	363808	1019031	19.66%	4.439%

Sum of corrected areas: 22955468

LSC Report - Integrated Chromatogram

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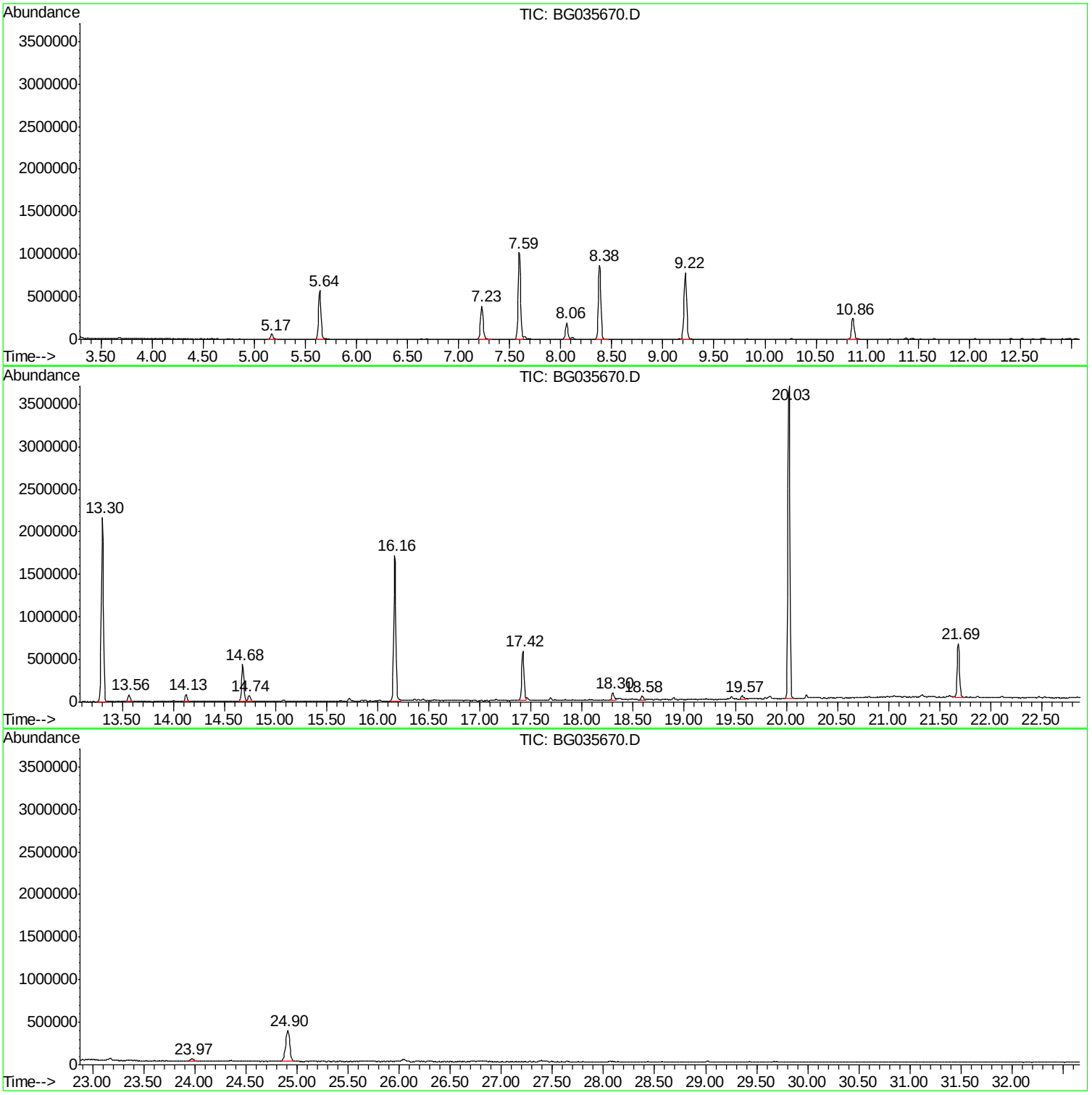
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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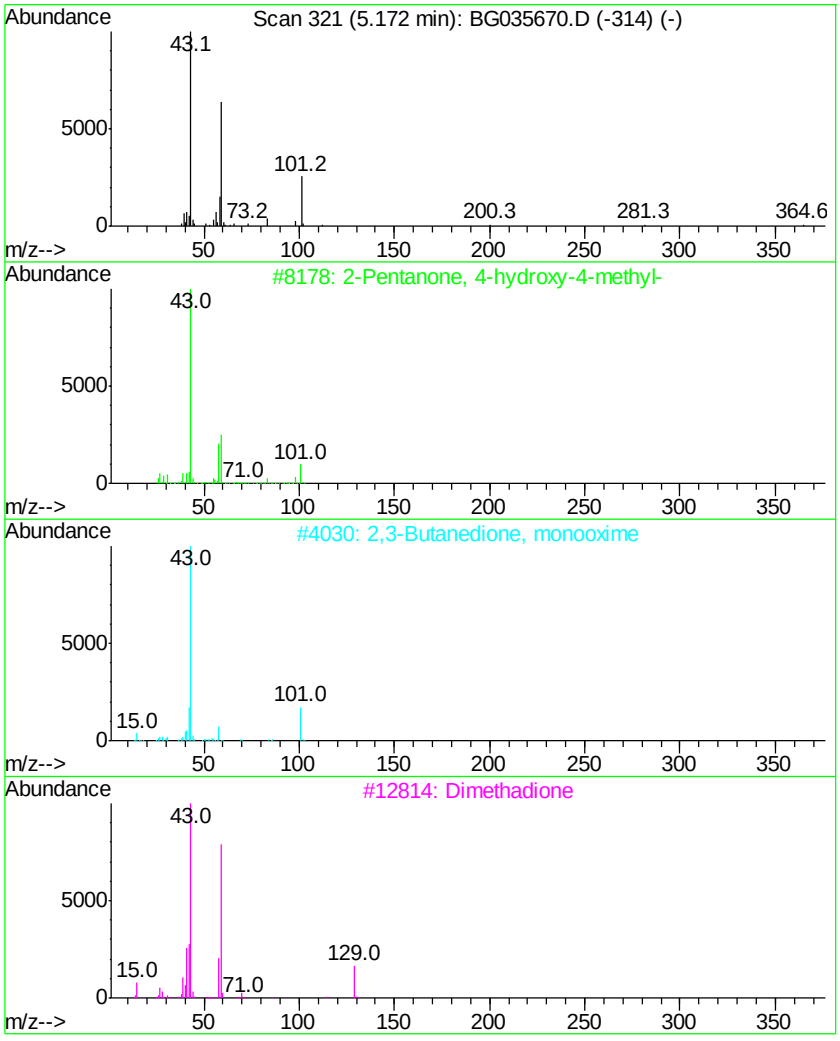
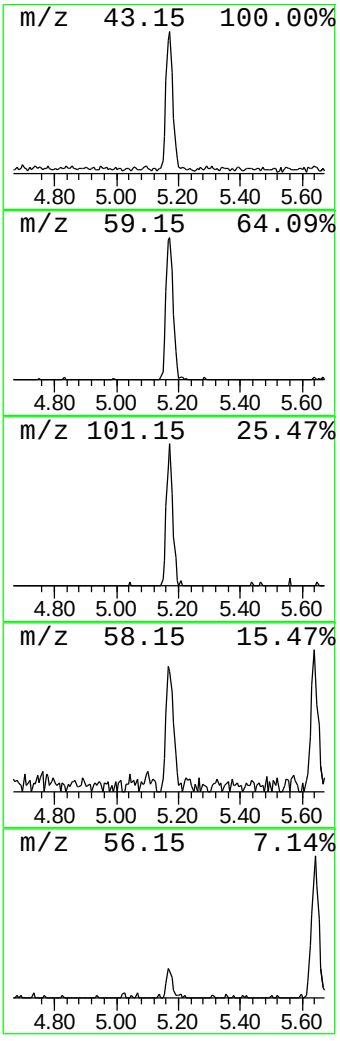
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	6.22 ng	102477	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
5	Tetraglyme	222	C10H22O5	000143-24-8	25





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SV30518L

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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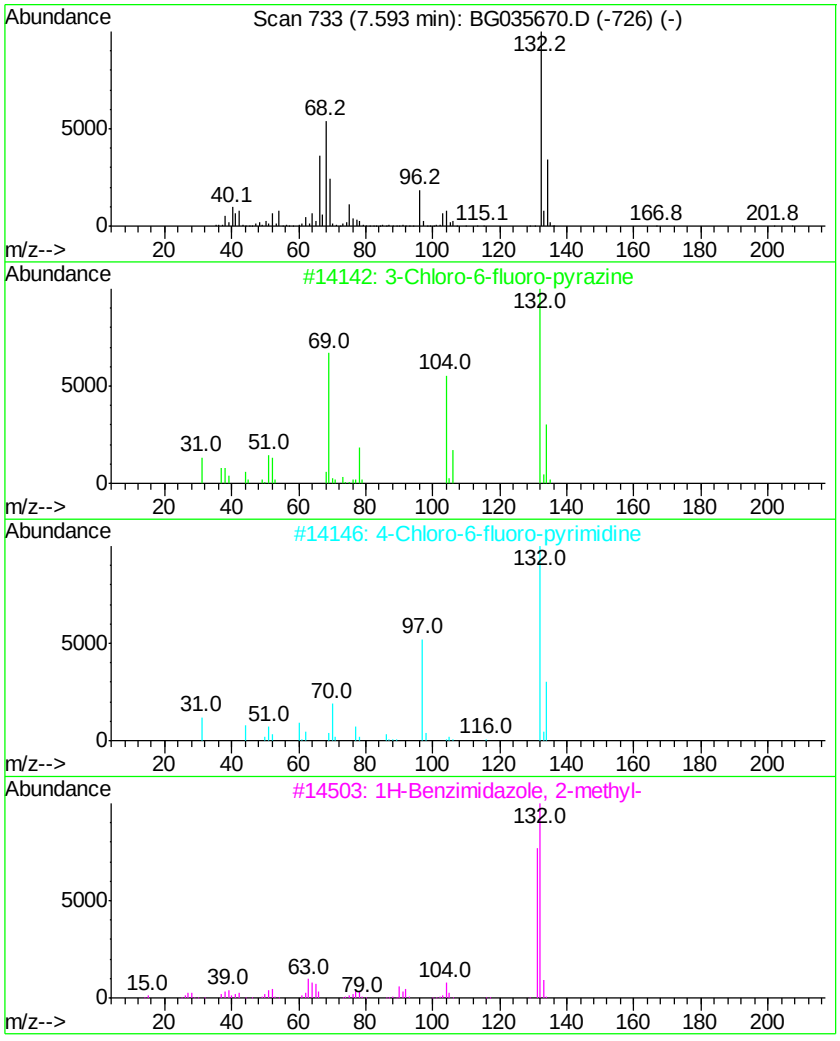
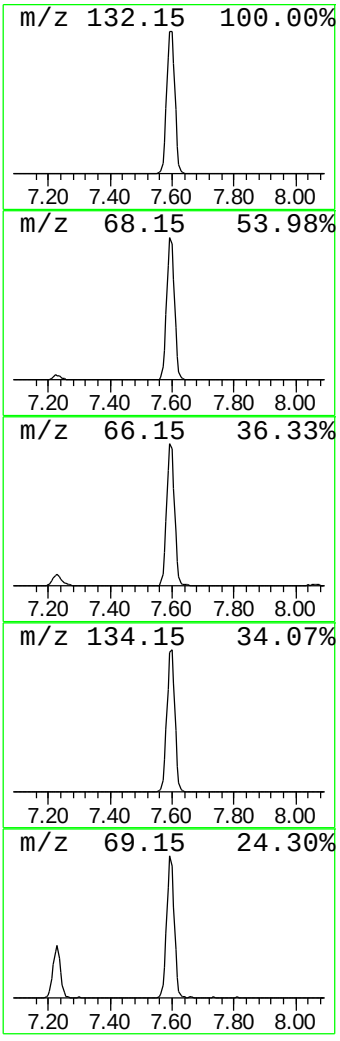
Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	109.20 ng	1798010	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16





Library Search Compound Report

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Data File : BG035670.D
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Operator : JU/SJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SV30518L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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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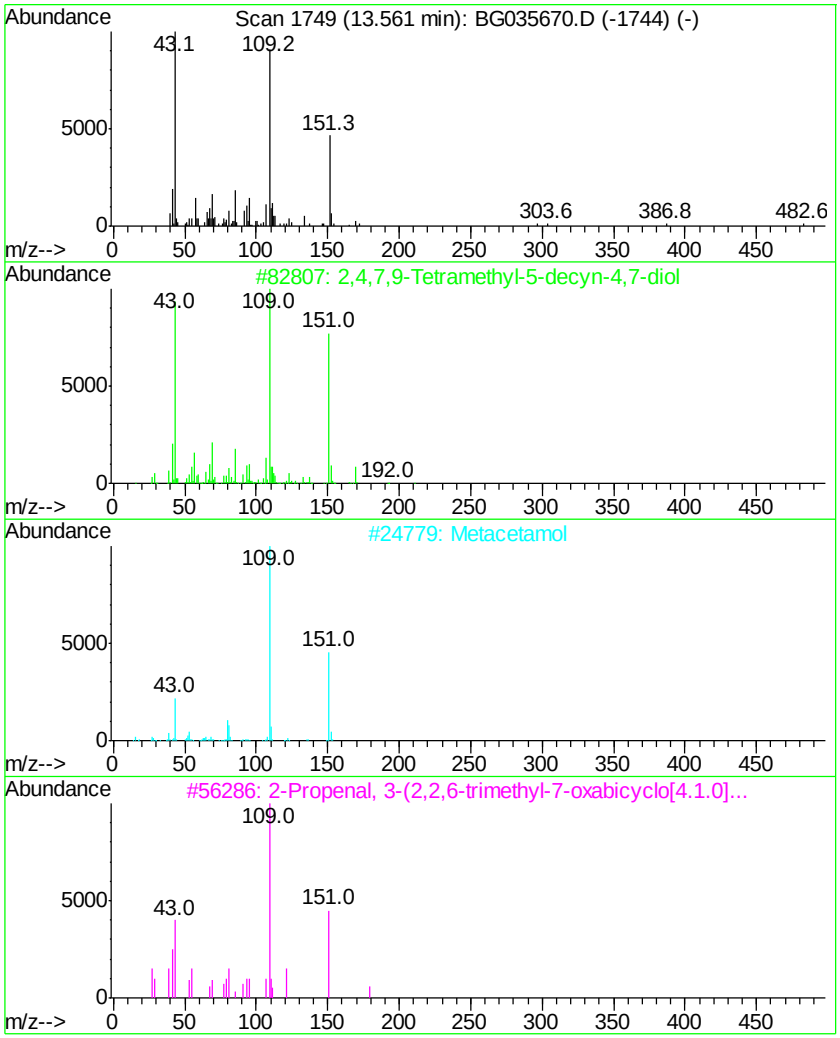
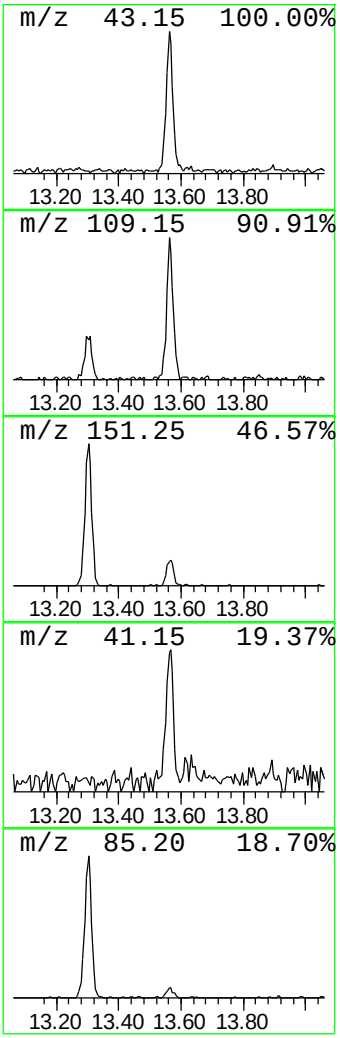
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.34 ng	117831	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	56
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Acetaminophen	151	C8H9NO2	000103-90-2	53





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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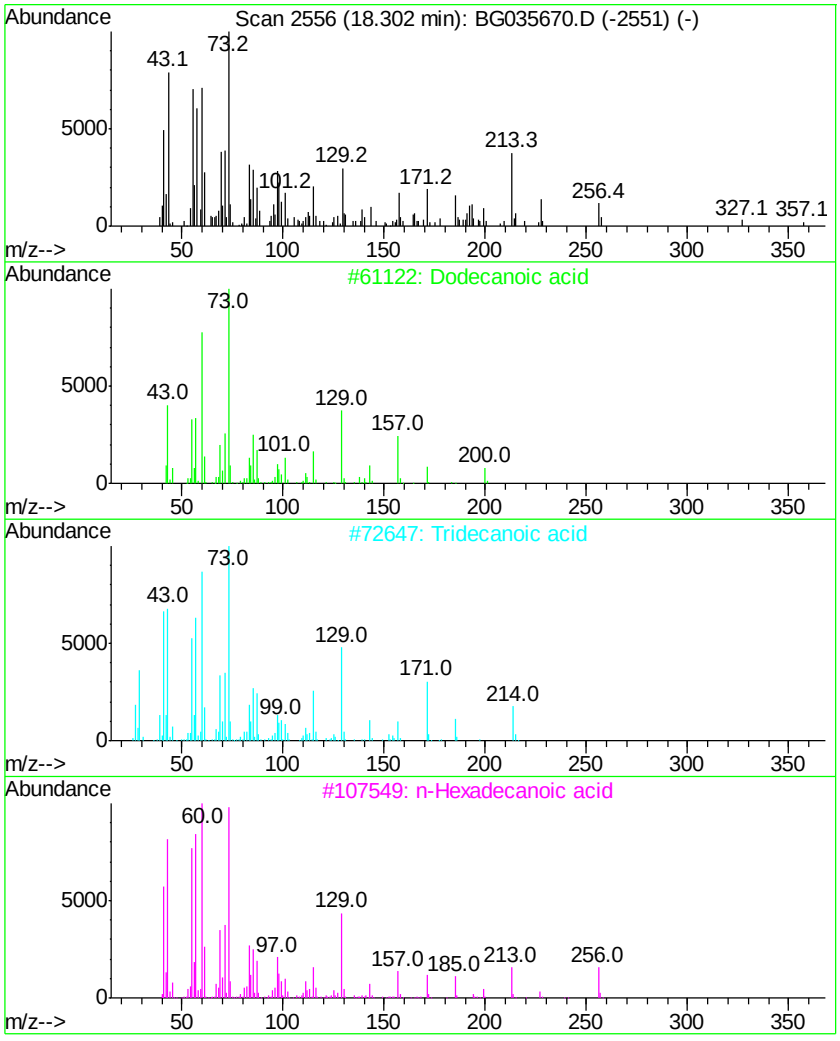
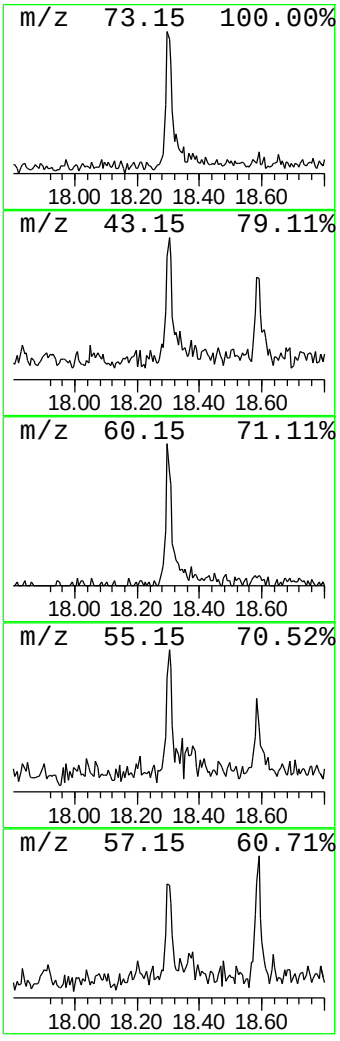
****

Peak Number 5 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.64 ng	120794	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	78
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	49





Tentatively Identified Compound (LSC) summary

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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	6.2	ng	102477	1	8.06	329322	20.0
unknown7.59	7.59	109.2	ng	1798010	1	8.06	329322	20.0
2,4,7,9-Tetrameth...	13.56	3.3	ng	117831	3	14.68	705946	20.0
Dodecanoic acid	18.30	2.6	ng	120794	4	17.42	916142	20.0