LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037043.D
Acq On : 28 Sep 2018 10:11
Operator : JU/SJ
Sample : J5076-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 092418-DBRI-E-U-S

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-BG092018.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	5.148	311	316	326	rVB	41423	68977	1.79%	0.472%
2	5.612	390	395	407	rBV	215554	421732	10.96%	2.884%
3	7.198	660	665	682	rBV	120309	284648	7.40%	1.947%
4	7.574	722	729	741	rBV	407482	818161	21.27%	5.595%
5	8.039	802	808	824	rBV	121382	268271	6.97%	1.835%
6	8.362	855	863	880	rBV	574126	1095908	28.49%	7.494%
7	9.202	998	1006	1026	rBV	477287	1016923	26.44%	6.954%
8	10.847	1277	1286	1298	rBV	164741	347305	9.03%	2.375%
9	13.291	1694	1702	1722	rBV	1175302	2082299	54.14%	14.239%
10	14.114	1836	1842	1853	rBV	61424	101788	2.65%	0.696%
11	14.666	1930	1936	1952	rBV	284760	497352	12.93%	3.401%
12	15.953	2150	2155	2163	rBV	63706	85086	2.21%	0.582%
13	16.153	2183	2189	2204	rBV	676573	1162532	30.22%	7.950%
14	17.410	2396	2403	2417	rBV	379506	646608	16.81%	4.422%
15	20.019	2841	2847	2868	rBV	2724976	3846262	100.00%	26.302%
16	21.676	3123	3129	3144	rBV	461036	833139	21.66%	5.697%
17	23.156	3373	3381	3388	rBV3	22725	48123	1.25%	0.329%
18	23.344	3406	3413	3419	rBV2	21653	48894	1.27%	0.334%
19	23.949	3510	3516	3524	rBV4	24989	57326	1.49%	0.392%
20	24.878	3664	3674	3692	rVB2	259637	812260	21.12%	5.554%
21	26.012	3859	3867	3873	rBV5	15755	38565	1.00%	0.264%
22	27.351	4086	4095	4106	rVB10	11782	41421	1.08%	0.283%

Sum of corrected areas: 14623580

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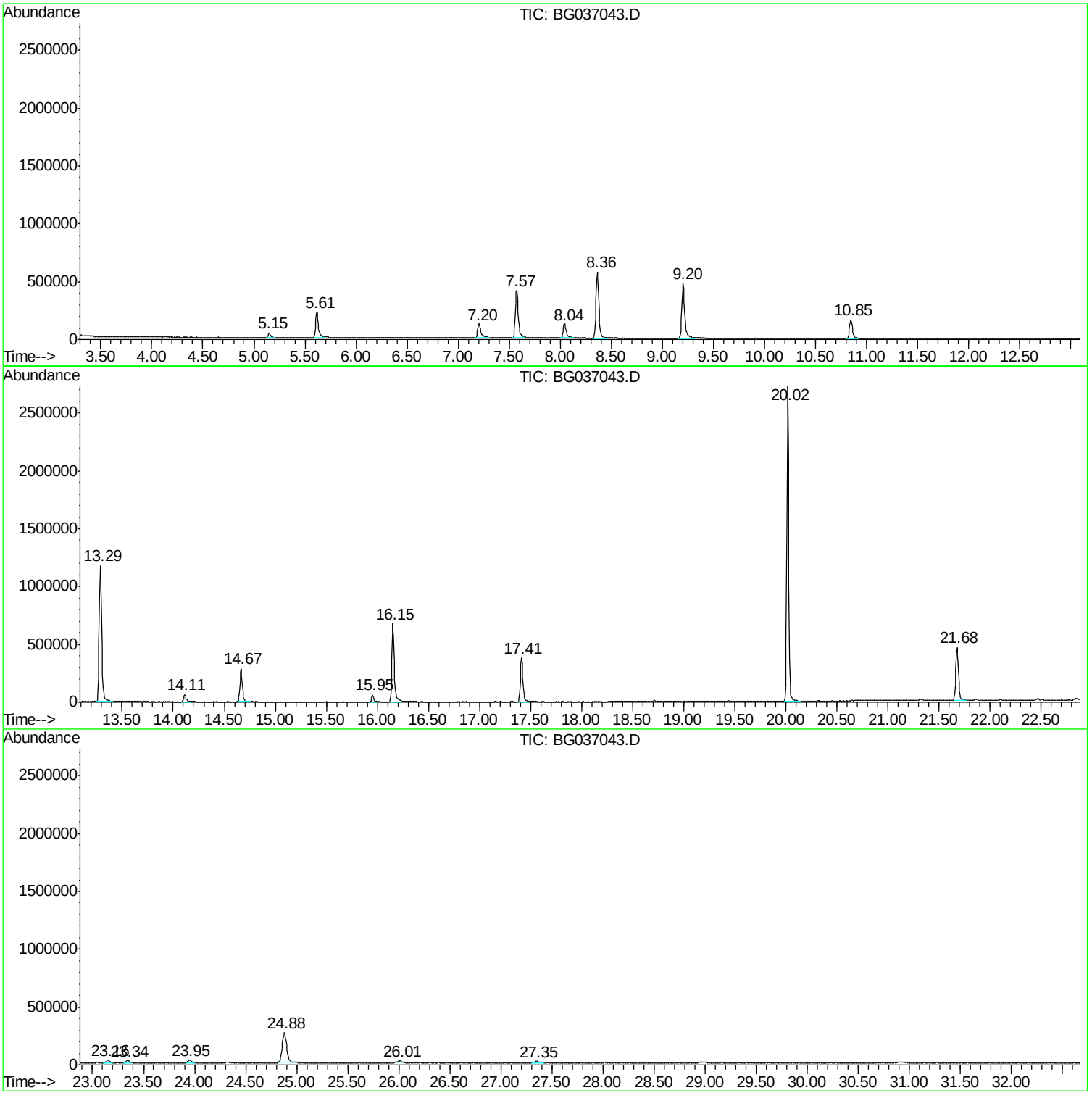
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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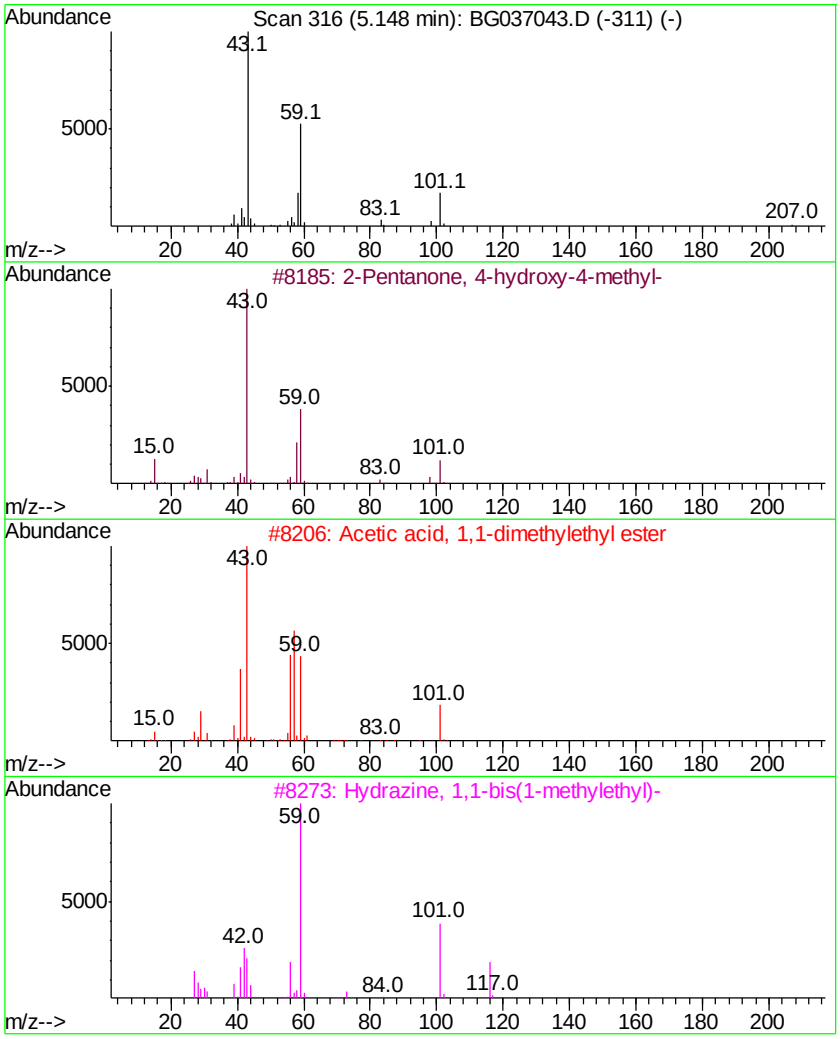
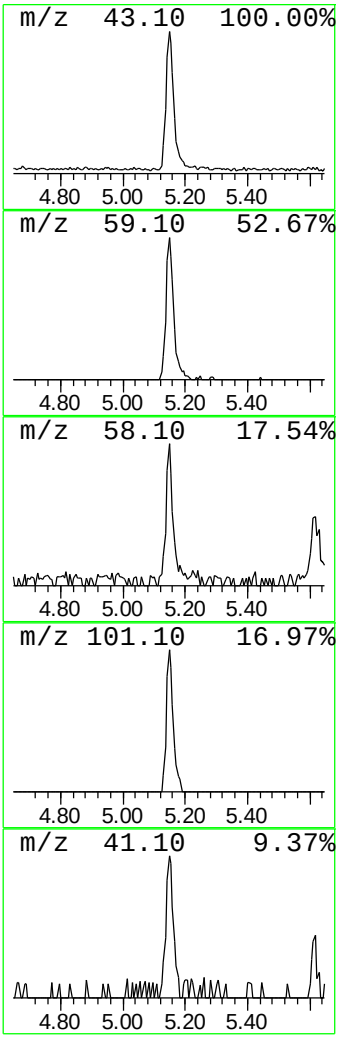
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.14 ng	68977	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Library Search Compound Report

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Operator : JU/SJ
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Instrument :
BNA_G
ClientSampleId :
092418-DBRI-E-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.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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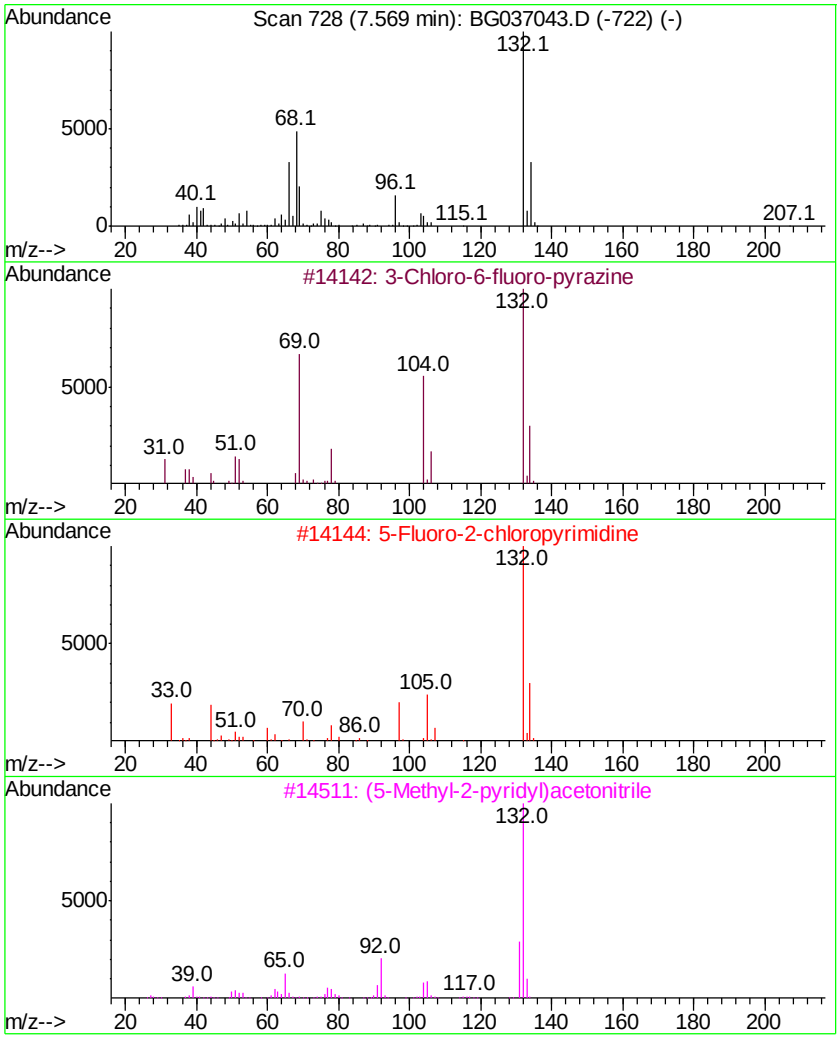
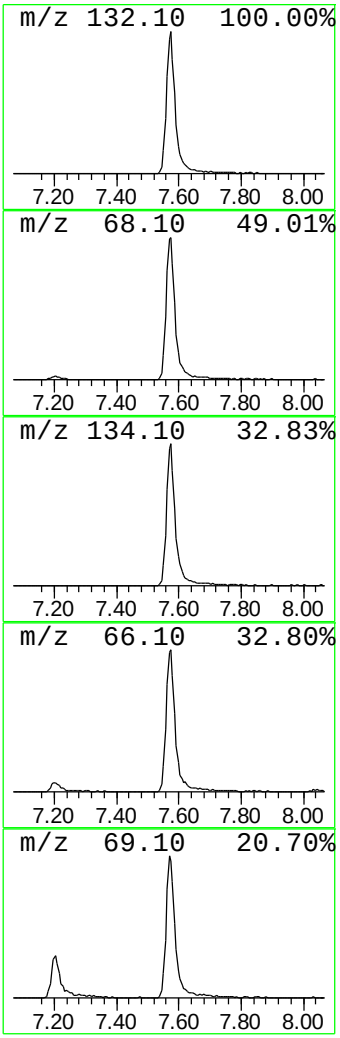
Peak Number 2 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	61.00 ng	818161	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : J5076-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 092418-DBRI-E-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.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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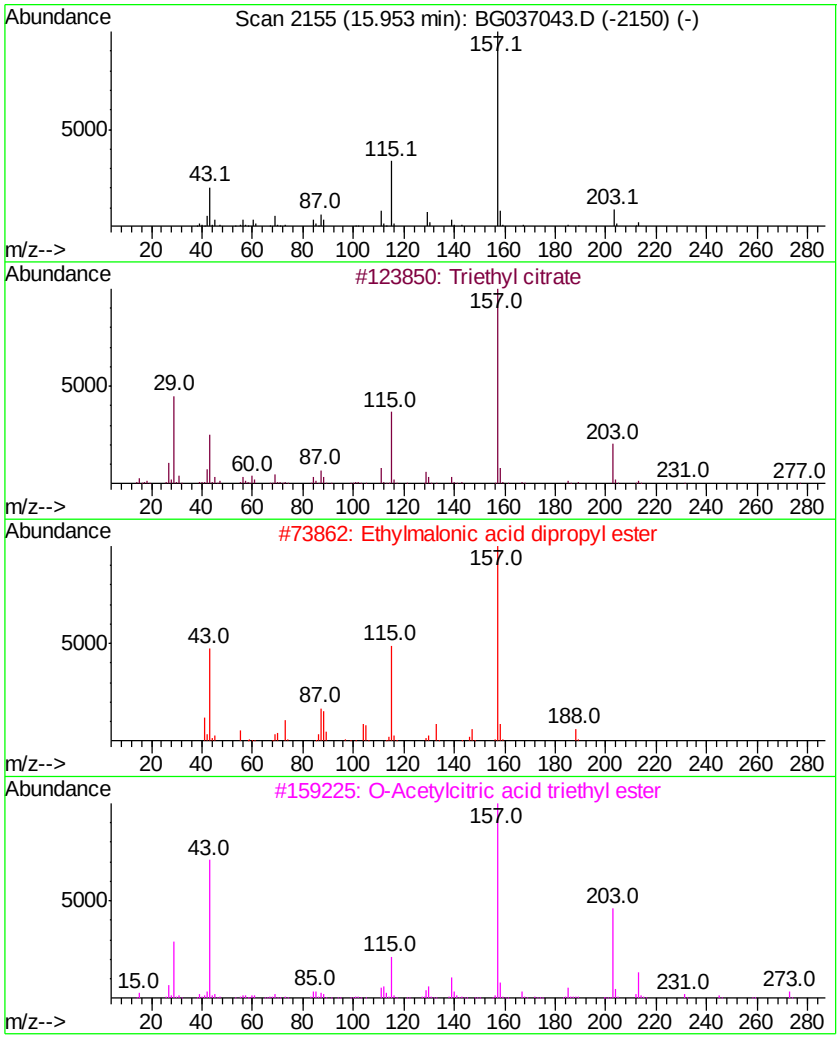
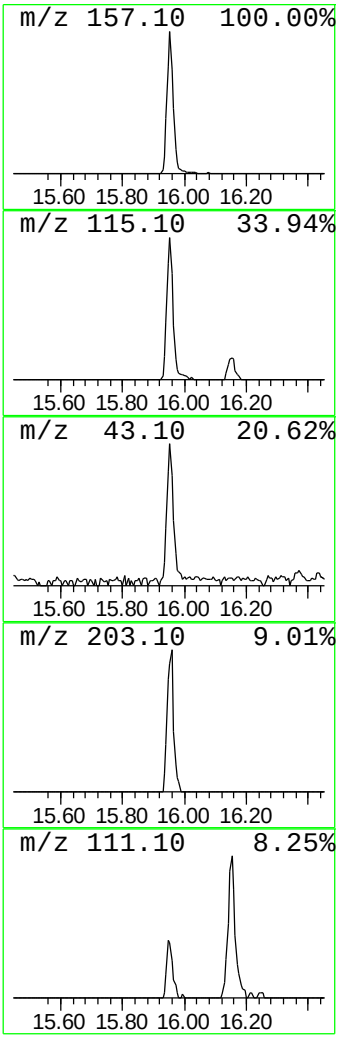
Peak Number 4 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.42 ng	85086	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	87
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3	O-Acetylcitric acid triethyl ester	318	C14H22O8	000077-89-4	50
4	3-Chloro2-fluorobenzoic acid, 4-...	356	C20H30ClFO2	1000338-64-4	42
5	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	40





Tentatively Identified Compound (LSC) summary

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Sample : J5076-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 092418-DBRI-E-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.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...	5.15	5.1	ng	68977	1	8.04	268271	20.0
unknown7.57	7.57	61.0	ng	818161	1	8.04	268271	20.0
Triethyl citrate	15.95	3.4	ng	85086	3	14.67	497352	20.0