LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108186.D
Acq On : 16 Aug 2018 00:46
Operator : JU/SJ
Sample : J4440-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 080918-TIPC-F-D-B

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_F\METHODS\8270-BF080818.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	2.366	3	5	23	rVB	1352476	1718565	24.02%	4.183%
2	5.248	491	495	502	rVB	83749	84363	1.18%	0.205%
3	5.637	557	561	564	rBV	2197648	1894655	26.48%	4.611%
4	6.625	725	729	732	rBV	1570384	1274330	17.81%	3.101%
5	6.784	751	756	759	rBV	3903617	3532027	49.37%	8.596%
6	7.013	791	795	799	rBV	1451381	1272283	17.78%	3.096%
7	7.172	817	822	826	rBV	4815241	4770421	66.68%	11.610%
8	7.578	885	891	894	rBV	3715344	4243953	59.32%	10.329%
9	8.301	1009	1014	1017	rBV	1698378	1582065	22.11%	3.850%
10	9.377	1190	1197	1200	rBV	6964606	7154314	100.00%	17.412%
11	9.760	1258	1262	1267	rBV	519318	426835	5.97%	1.039%
12	10.060	1309	1313	1320	rVB	1953240	1724464	24.10%	4.197%
13	10.719	1422	1425	1428	rBV	359834	257886	3.60%	0.628%
14	10.854	1443	1448	1457	rBV	2390780	2255606	31.53%	5.490%
15	10.942	1460	1463	1470	rVB2	66341	85751	1.20%	0.209%
16	11.554	1563	1567	1571	rBV	1658126	1464083	20.46%	3.563%
17	13.142	1833	1837	1841	rBV	4762324	4546481	63.55%	11.065%
18	14.054	1983	1992	2001	rBV6	36418	113898	1.59%	0.277%
19	14.207	2014	2018	2022	rBV	1344802	1174874	16.42%	2.859%
20	15.342	2207	2211	2217	rBV2	74131	87485	1.22%	0.213%
21	15.771	2277	2284	2291	rBV	843764	1239545	17.33%	3.017%
22	16.236	2359	2363	2368	rBV2	66203	104720	1.46%	0.255%
23	16.795	2453	2458	2466	rVB2	43165	80180	1.12%	0.195%

Sum of corrected areas: 41088784

LSC Report - Integrated Chromatogram

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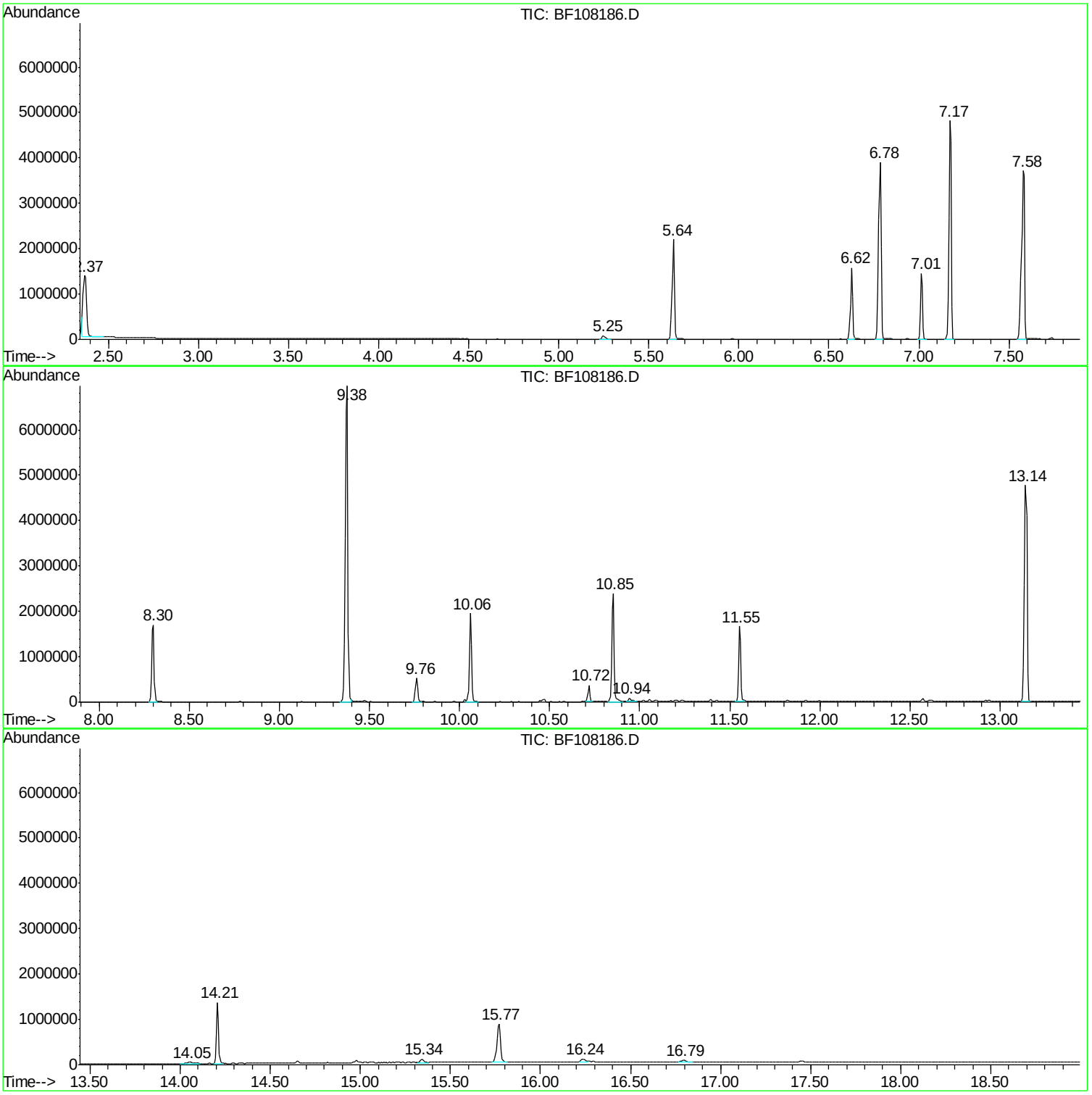
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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ClientSampleId : 080918-TIPC-F-D-B

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TIC Integration Parameters: LSCINT.P

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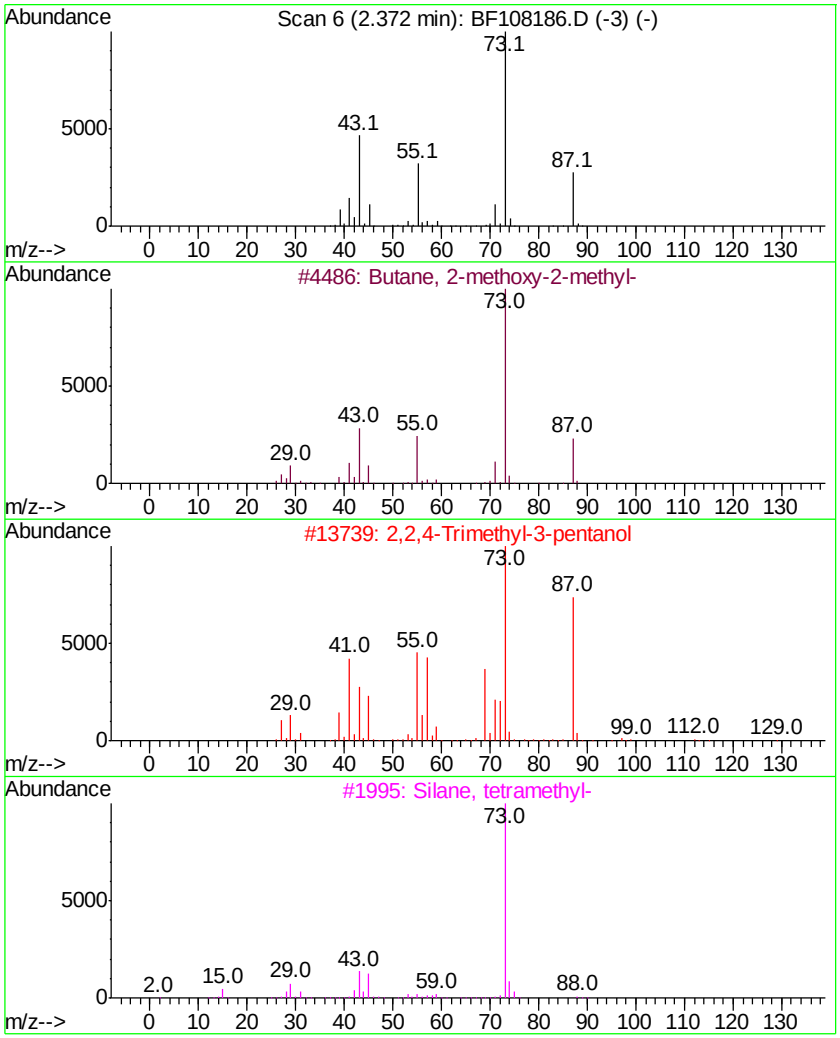
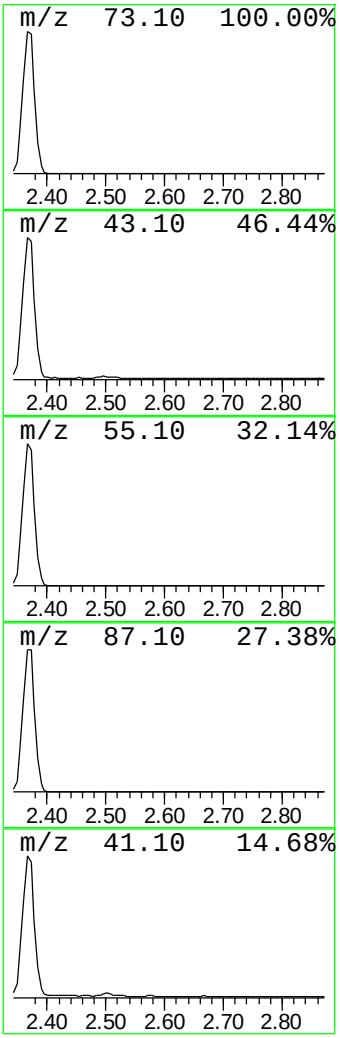
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	27.02 ng	1718570	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





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ClientSampleId : 080918-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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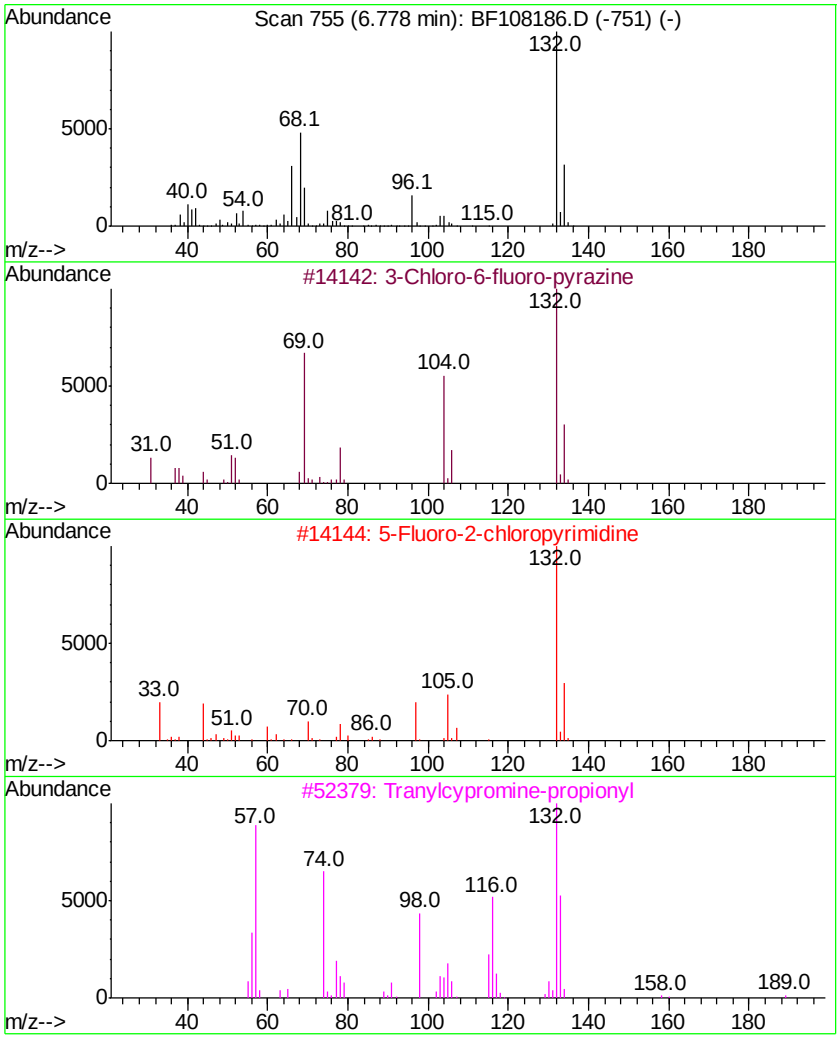
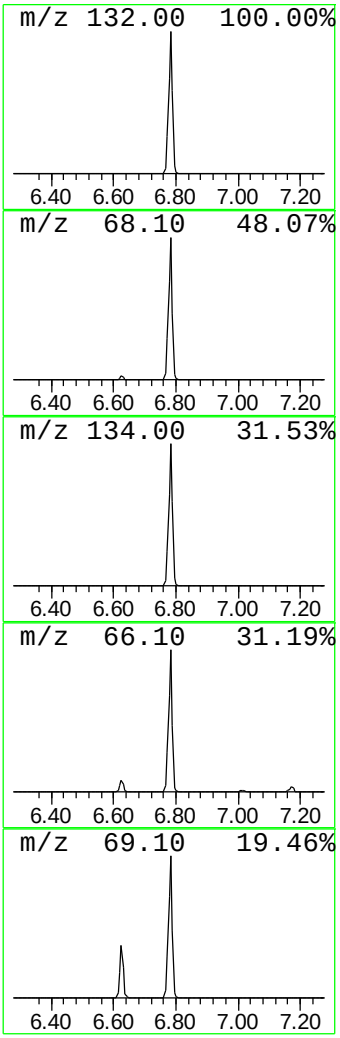
Peak Number 2 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	55.52 ng	3532030	1,4-Dichlorobenzene-d4	7.01

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : 080918-TIPC-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
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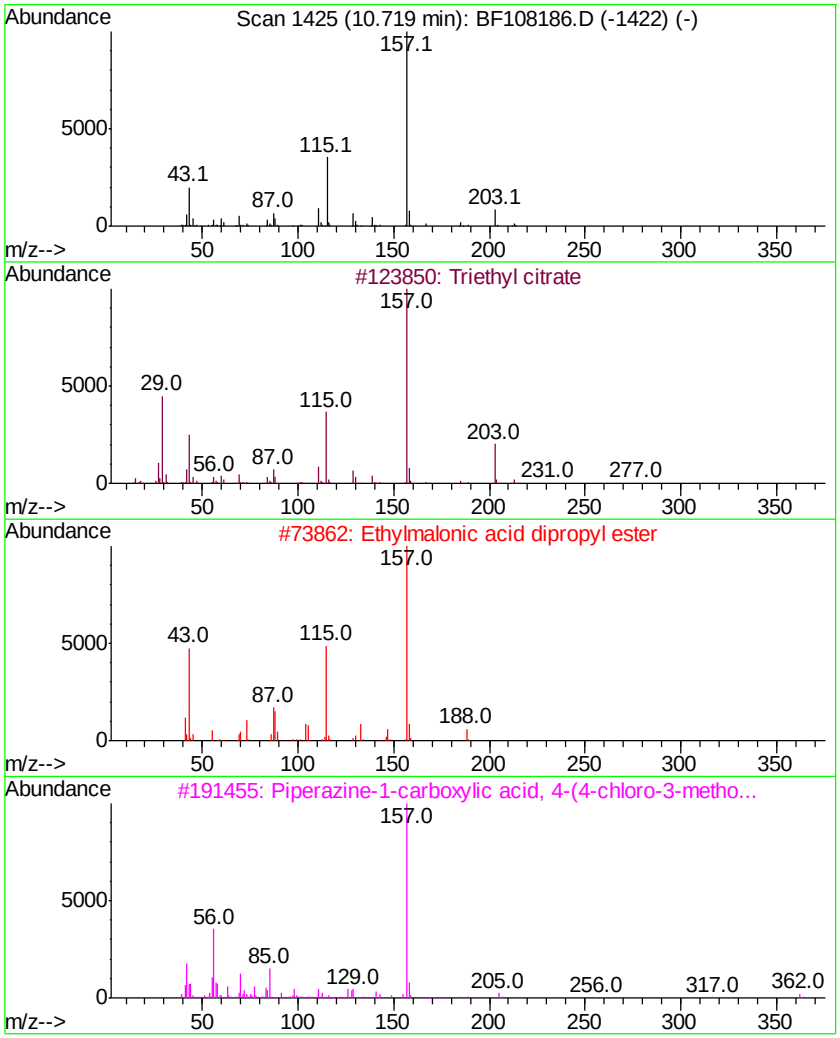
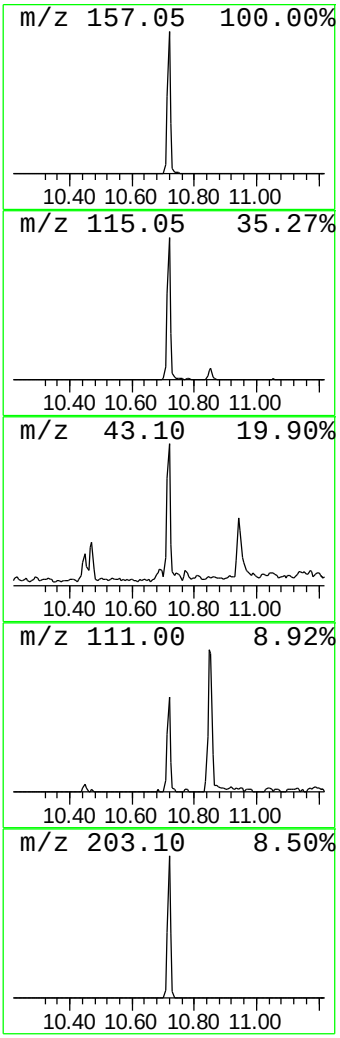
Peak Number 4 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.99 ng	257886	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	90
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-79-9	42
4	3-Chloro2-fluorobenzoic acid, 4-...	356	C20H30ClFO2	1000338-64-4	42
5	3-Chloro2-fluorobenzoic acid, 6-...	370	C21H32ClFO2	1000338-64-9	42





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.37	27.0	ng	1718570	1	7.01	1272280	20.0
unknown6.78	6.78	55.5	ng	3532030	1	7.01	1272280	20.0
Triethyl citrate	10.72	3.0	ng	257886	3	10.06	1724460	20.0