LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108493.D
Acq On : 25 Aug 2018 5:50
Operator : JU/SJ
Sample : J4582-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082018-SIPI-E-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	2.372	3	6	16	rVB	2552706	3188807	70.37%	11.639%
2	5.237	490	493	504	rVB	73635	82094	1.81%	0.300%
3	5.625	555	559	569	rBV	1422031	1259357	27.79%	4.597%
4	6.613	723	727	741	rVB	930273	882193	19.47%	3.220%
5	6.766	749	753	757	rBV	2513462	2258912	49.85%	8.245%
6	6.995	789	792	796	rBV	888585	775439	17.11%	2.830%
7	7.154	815	819	823	rBV	3181443	3101270	68.44%	11.320%
8	7.566	883	889	892	rBV	2605599	2654703	58.58%	9.690%
9	8.283	1006	1011	1014	rBV	1009573	905998	19.99%	3.307%
10	9.360	1188	1194	1197	rBV	4903429	4531673	100.00%	16.541%
11	9.742	1256	1259	1265	rBV	71177	68032	1.50%	0.248%
12	10.042	1307	1310	1322	rVB	1094520	968571	21.37%	3.535%
13	10.701	1419	1422	1425	rBV	221034	170621	3.77%	0.623%
14	10.836	1441	1445	1457	rBV	1405861	1353521	29.87%	4.940%
15	11.536	1560	1564	1573	rBV	894962	800767	17.67%	2.923%
16	13.124	1829	1834	1837	rBV	3318038	2957890	65.27%	10.796%
17	14.189	2011	2015	2024	rVB	806263	704282	15.54%	2.571%
18	15.742	2271	2279	2286	rBV	468460	684044	15.09%	2.497%
19	16.189	2351	2355	2365	rVB2	30060	49058	1.08%	0.179%

Sum of corrected areas: 27397232

LSC Report - Integrated Chromatogram

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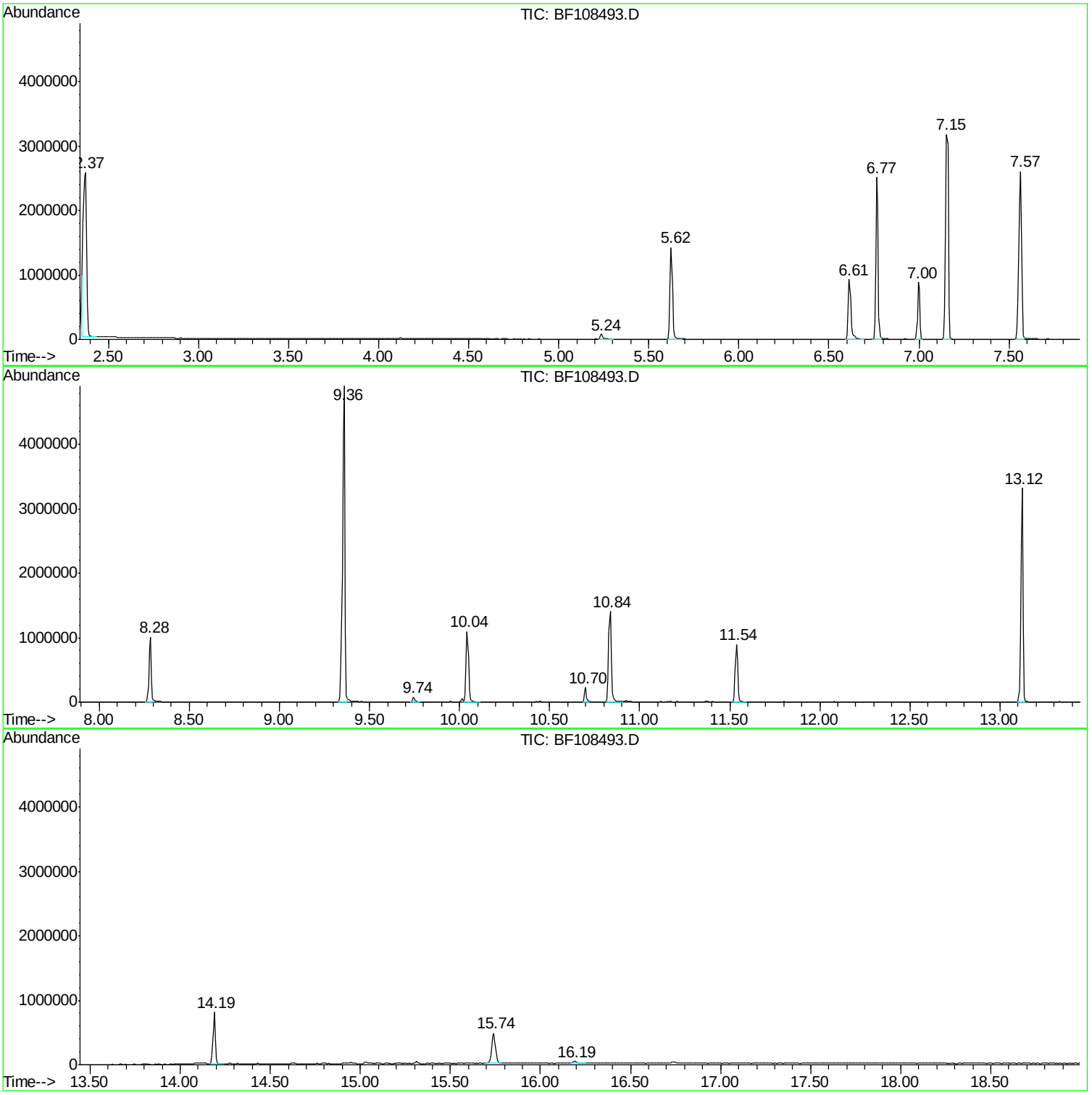
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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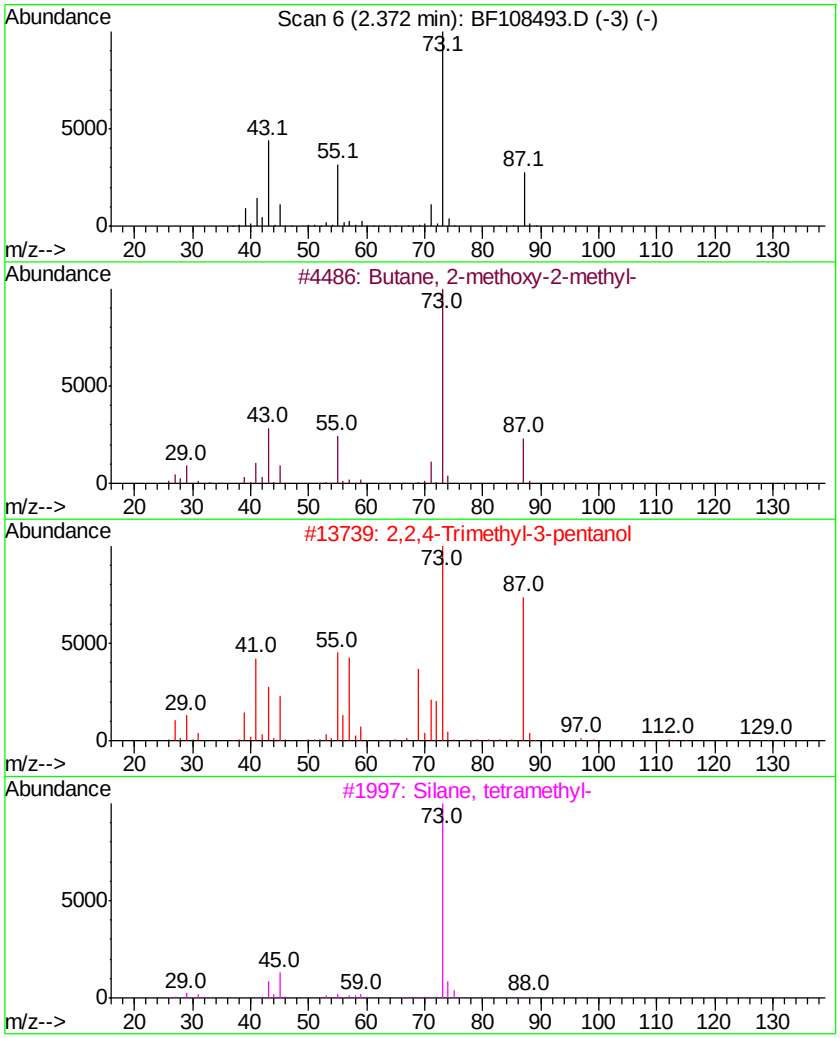
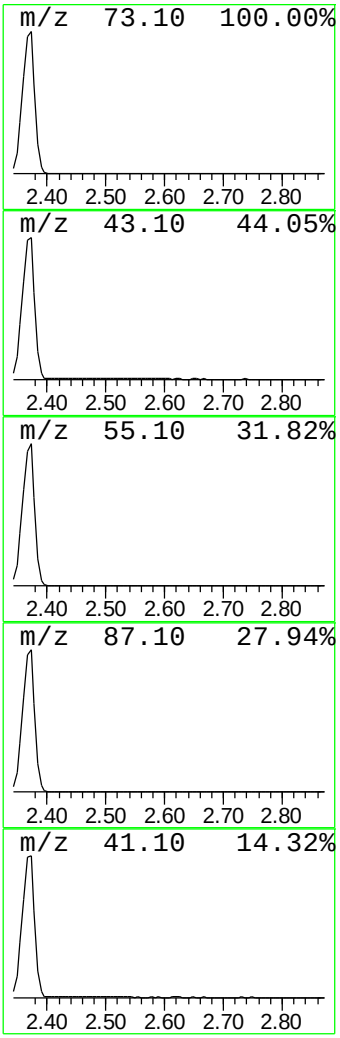
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	82.25 ng	3188810	1,4-Dichlorobenzene-d4	7.00

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ClientSampleId : 082018-SIPI-E-D-B

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

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TIC Integration Parameters: LSCINT.P

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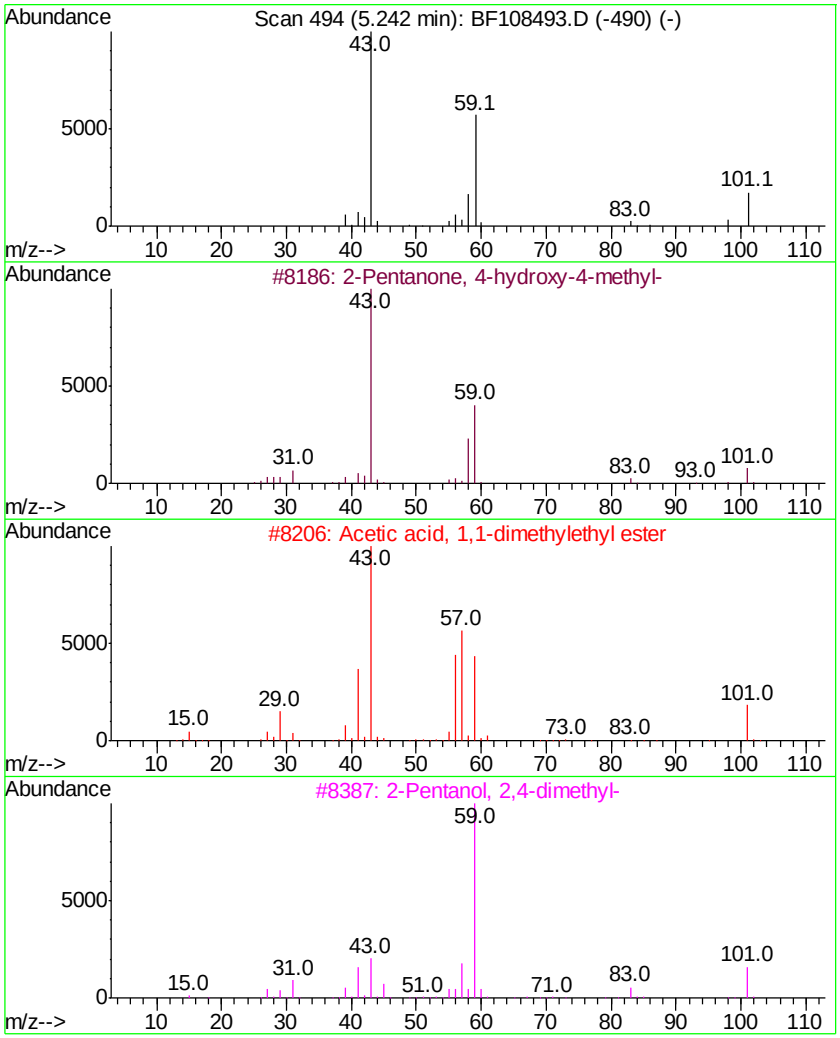
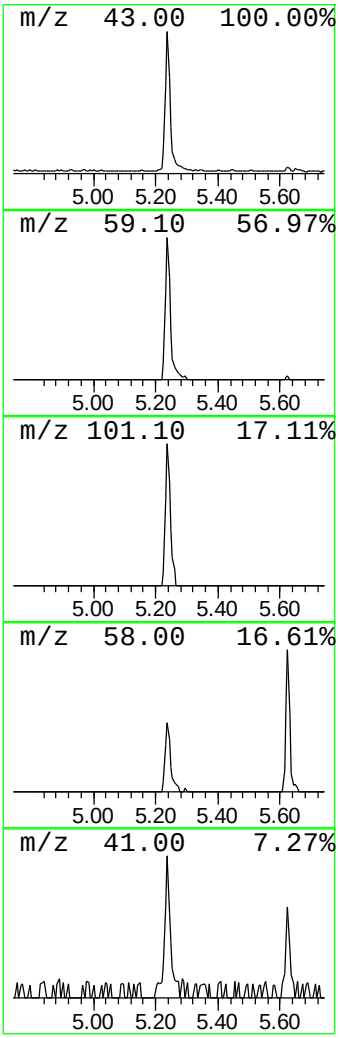
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.12 ng	82094	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





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Operator : JU/SJ
Sample : J4582-09
Misc :
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Instrument : BNA_F
ClientSampleId : 082018-SIPI-E-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

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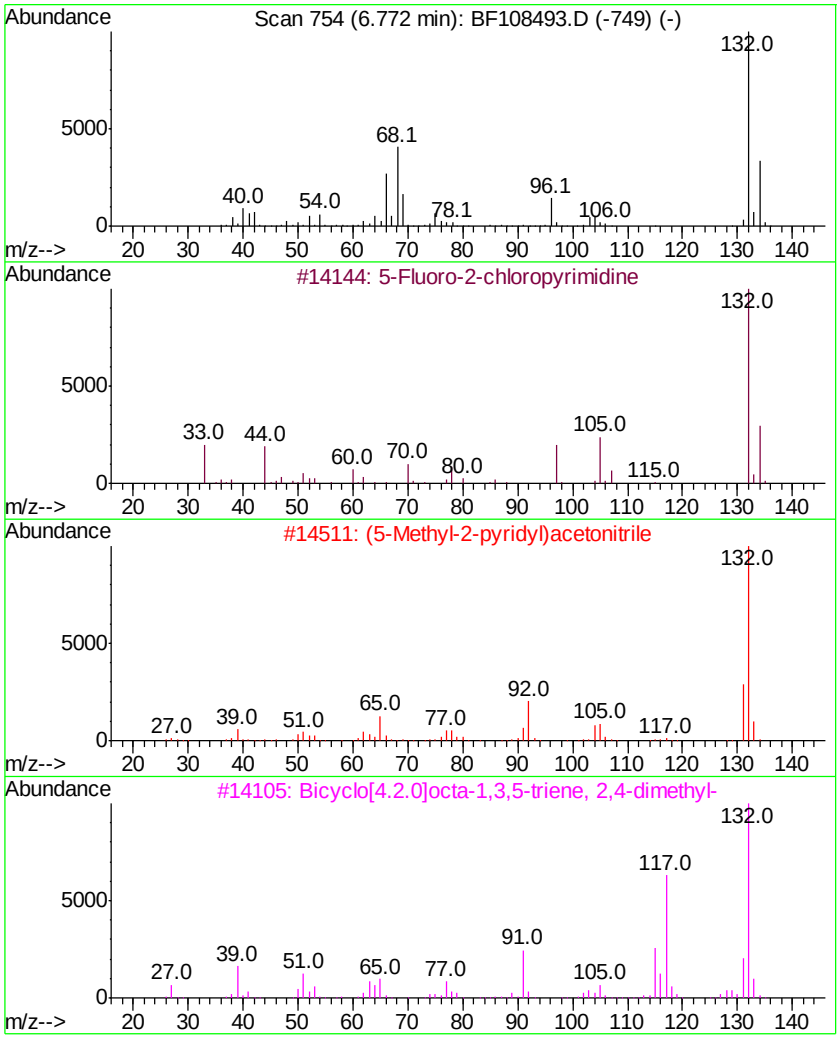
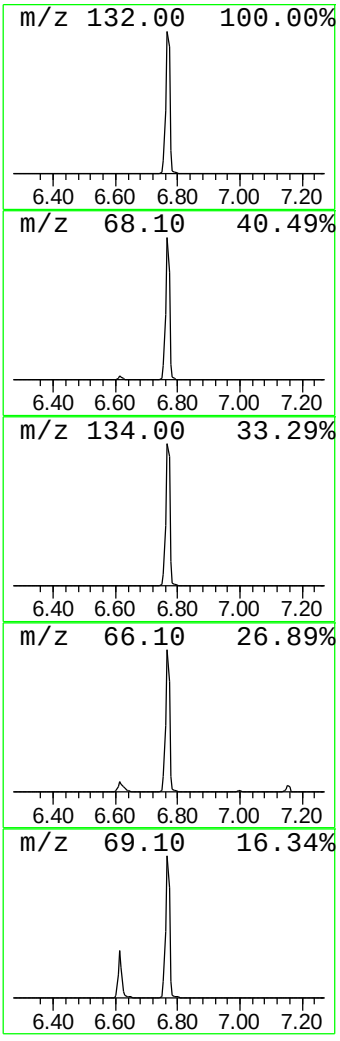
Peak Number 3 unknown6.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	58.26 ng	2258910	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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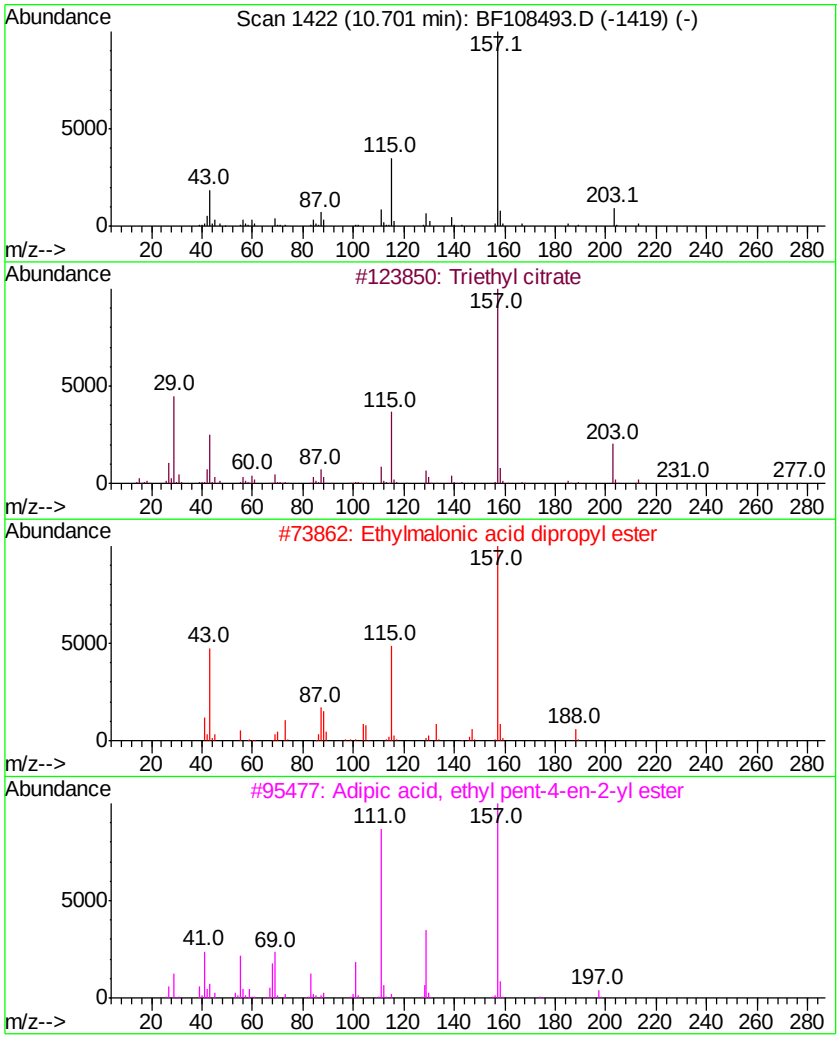
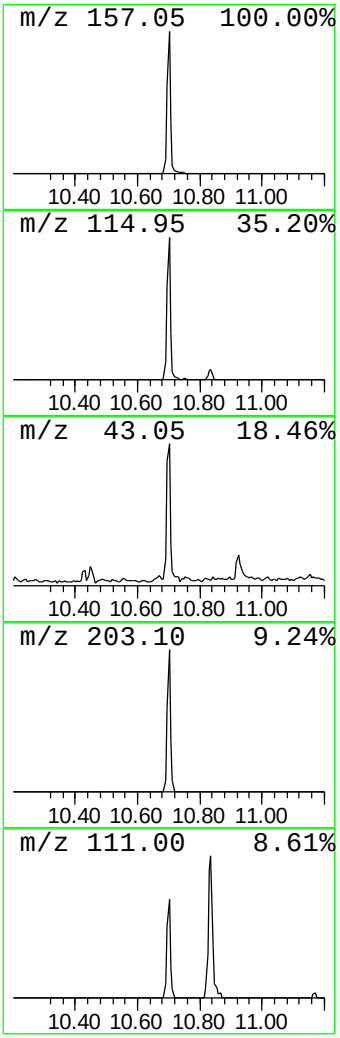
Peak Number 5 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.52 ng	170621	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	78
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	50
3	Adipic acid, ethyl pent-4-en-2-y...	242	C13H22O4	1000354-11-7	40
4	3-Chloro2-fluorobenzoic acid, 4-...	356	C20H30ClFO2	1000338-64-4	40
5	N-Methoxy-2,2-dicarbomethoxyazir...	189	C7H11NO5	053084-34-7	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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
Butane, 2-methoxy...	2.37	82.3	ng	3188810	1	7.00	775439	20.0
2-Pentanone, 4-hy...	5.24	2.1	ng	82094	1	7.00	775439	20.0
unknown6.77	6.77	58.3	ng	2258910	1	7.00	775439	20.0
Triethyl citrate	10.70	3.5	ng	170621	3	10.04	968571	20.0