LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108072.D
Acq On : 10 Aug 2018 1:08
Operator : JU/SJ
Sample : J4378-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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	14	rVB	2331346	2542583	27.47%	4.452%
2	5.248	491	495	503	rVB	217047	233152	2.52%	0.408%
3	5.637	556	561	564	rBV	3267916	3114381	33.64%	5.453%
4	6.625	724	729	732	rBV	2460913	2148232	23.21%	3.761%
5	6.784	751	756	759	rBV	5827914	5147224	55.60%	9.012%
6	7.013	792	795	799	rBV	2025177	1757866	18.99%	3.078%
7	7.172	818	822	826	rVB	7010443	6827017	73.75%	11.953%
8	7.578	885	891	894	rBV	5397367	5832057	63.00%	10.211%
9	8.301	1009	1014	1017	rBV	2362110	2110006	22.79%	3.694%
10	9.378	1191	1197	1200	rBV	9758470	9257485	100.00%	16.209%
11	9.766	1259	1263	1266	rVB	368225	317450	3.43%	0.556%
12	10.036	1305	1309	1310	rBV	103857	94977	1.03%	0.166%
13	10.060	1310	1313	1317	rVB	2206043	2072430	22.39%	3.629%
14	10.725	1423	1426	1429	rBV	651475	494216	5.34%	0.865%
15	10.854	1444	1448	1457	rBV	3420453	3031676	32.75%	5.308%
16	11.560	1564	1568	1571	rBV	1896439	1761110	19.02%	3.083%
17	13.148	1833	1838	1841	rBV	7223897	6760182	73.02%	11.836%
18	14.042	1986	1990	2001	rBV3	89888	239871	2.59%	0.420%
19	14.213	2015	2019	2022	rBV	2172122	1815239	19.61%	3.178%
20	14.748	2105	2110	2120	rVB2	81027	204099	2.20%	0.357%
21	15.771	2279	2284	2289	rBV	992195	1353077	14.62%	2.369%

Sum of corrected areas: 57114330

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108072.D
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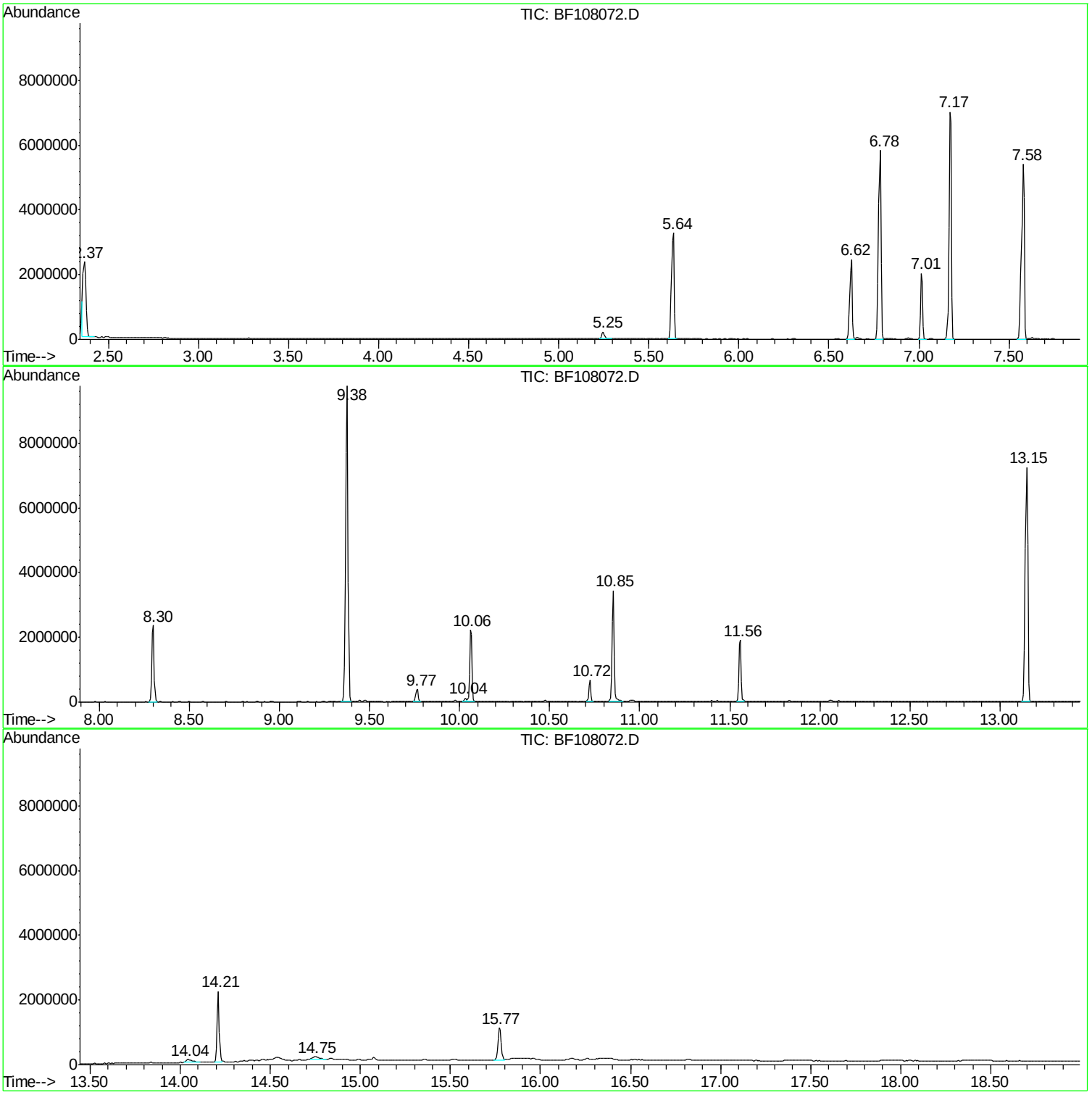
Operator : JU/SJ
Sample : J4378-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
080618-TIPC-E-D-M

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108072.D
Acq On : 10 Aug 2018 1:08
Operator : JU/SJ
Sample : J4378-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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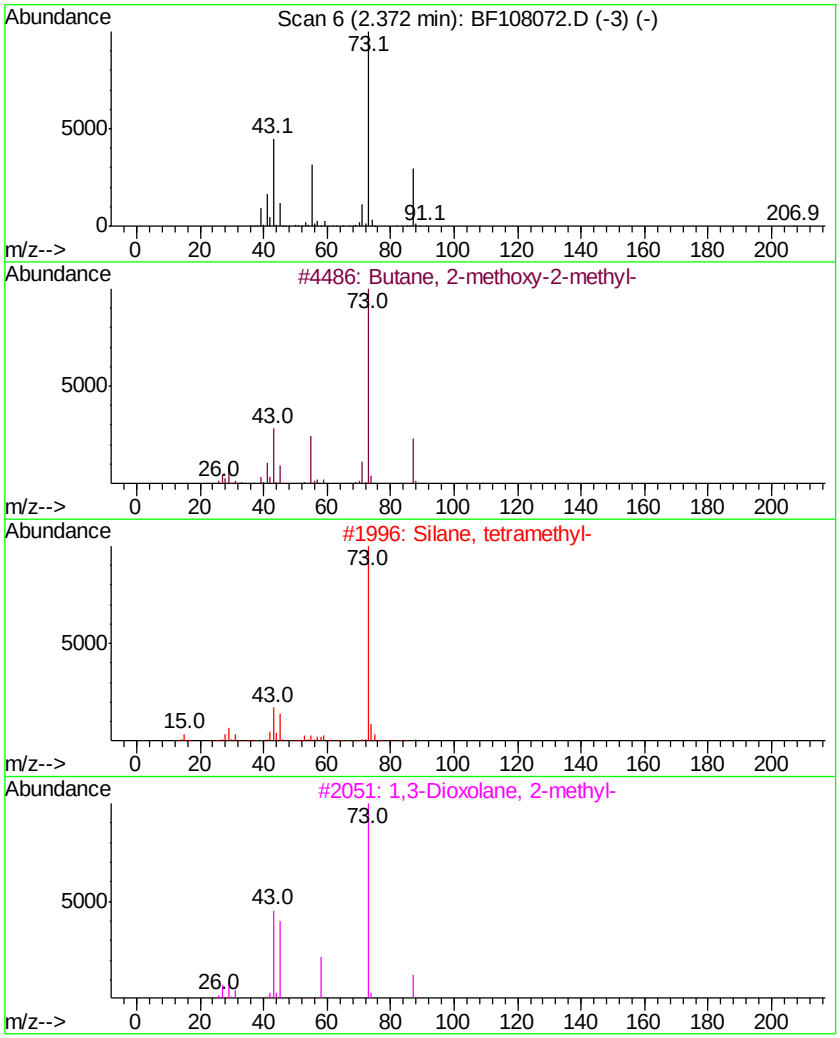
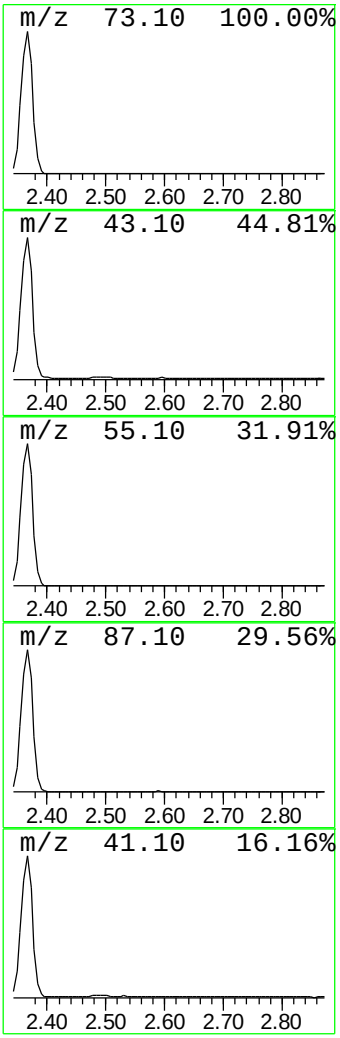
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	28.93 ng	2542580	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108072.D
Acq On : 10 Aug 2018 1:08
Operator : JU/SJ
Sample : J4378-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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

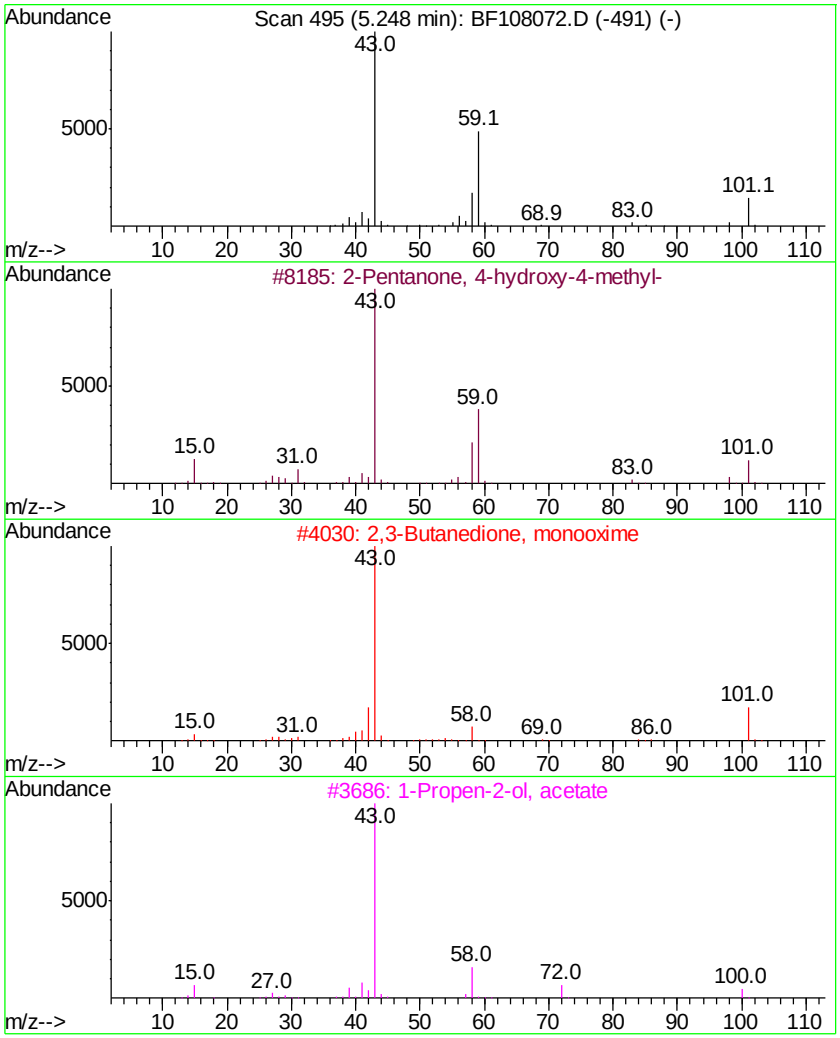
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

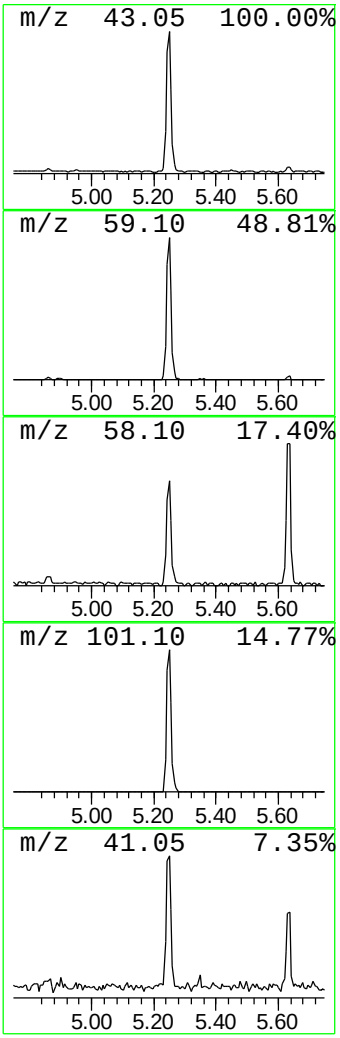
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.65 ng	233152	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108072.D
Acq On : 10 Aug 2018 1:08
Operator : JU/SJ
Sample : J4378-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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

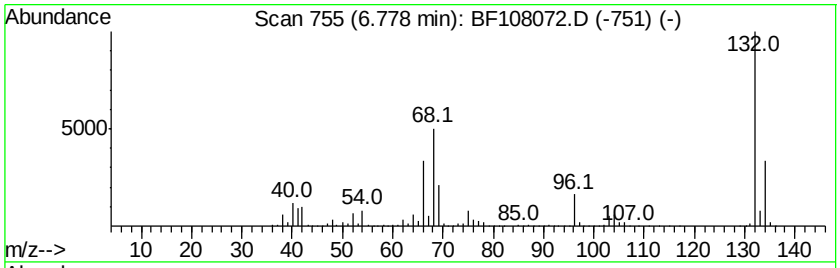
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

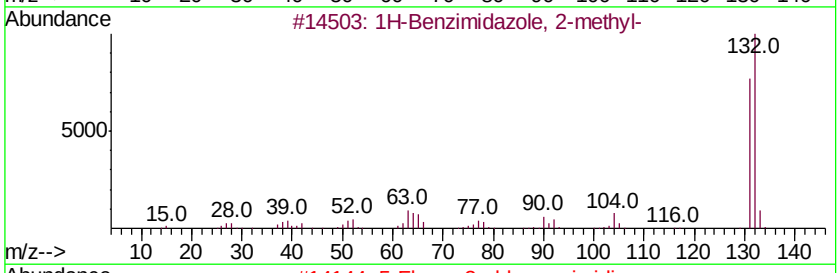
****

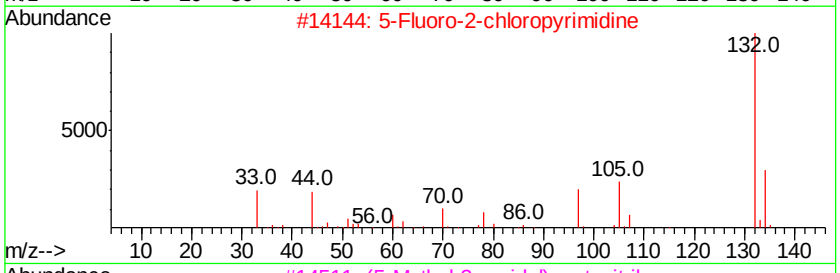
Peak Number 3 unknown6.78 Concentration Rank 2

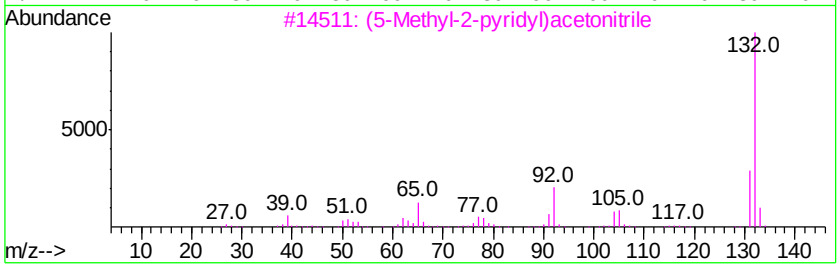
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	58.56 ng	5147220	1,4-Dichlorobenzene-d4	7.01

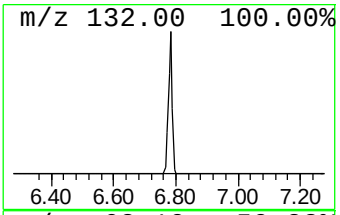
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9

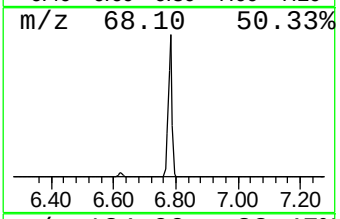


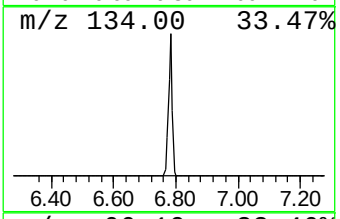


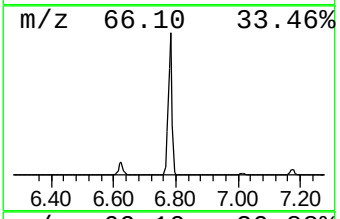


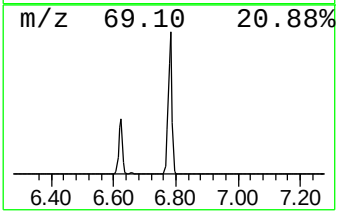












Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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

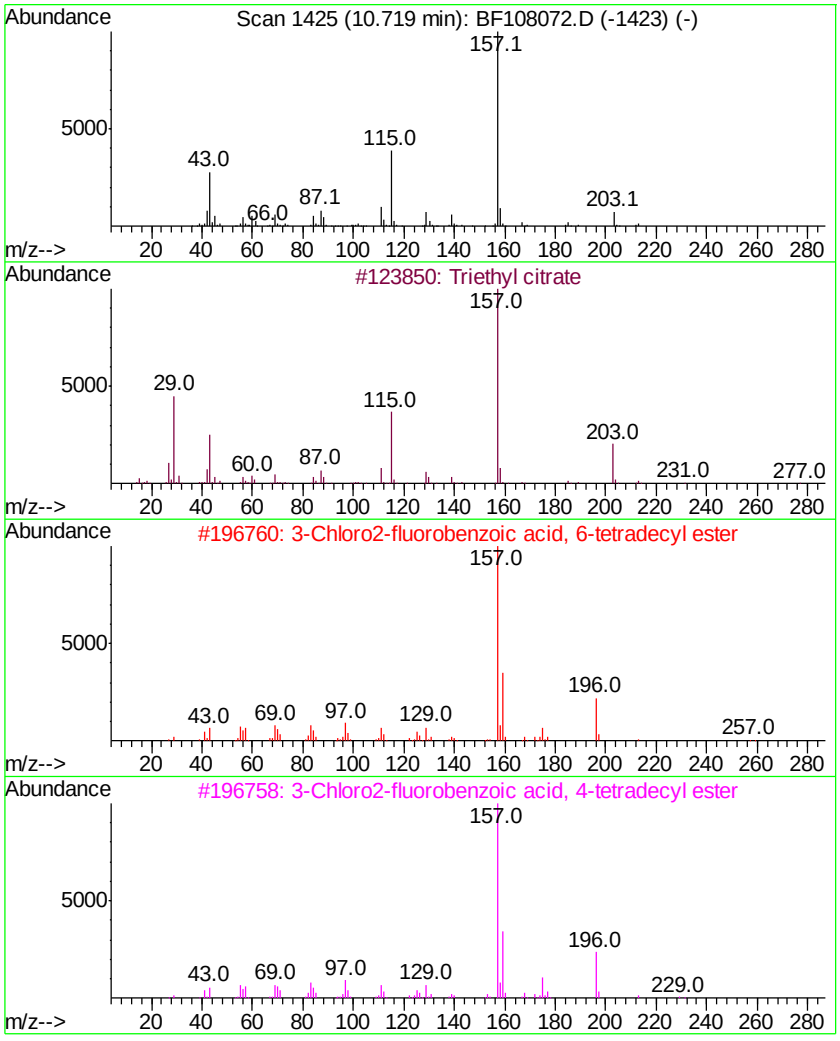
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

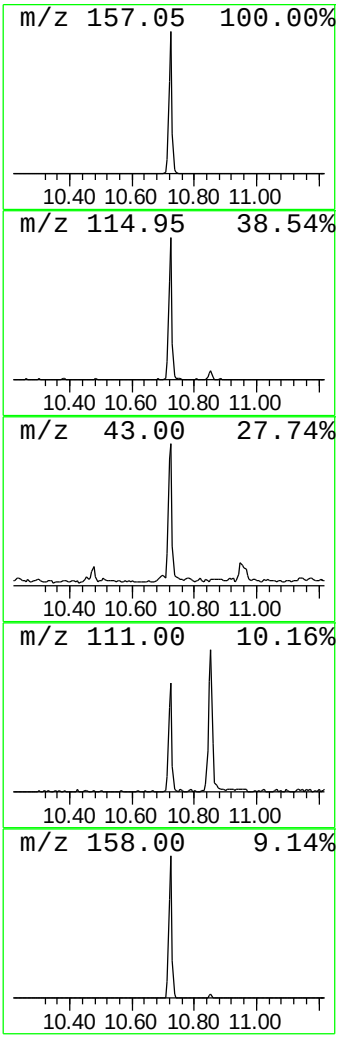
****

Peak Number 5 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	4.77 ng	494216	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	90
2	3-Chloro2-fluorobenzoic acid, 6-...	370	C21H32ClFO2	1000338-64-9	45
3	3-Chloro2-fluorobenzoic acid, 4-...	370	C21H32ClFO2	1000338-64-7	45
4	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	40
5	Hexanedioic acid, 3-ethyl-, bis(...	286	C16H30O4	057983-54-7	39





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Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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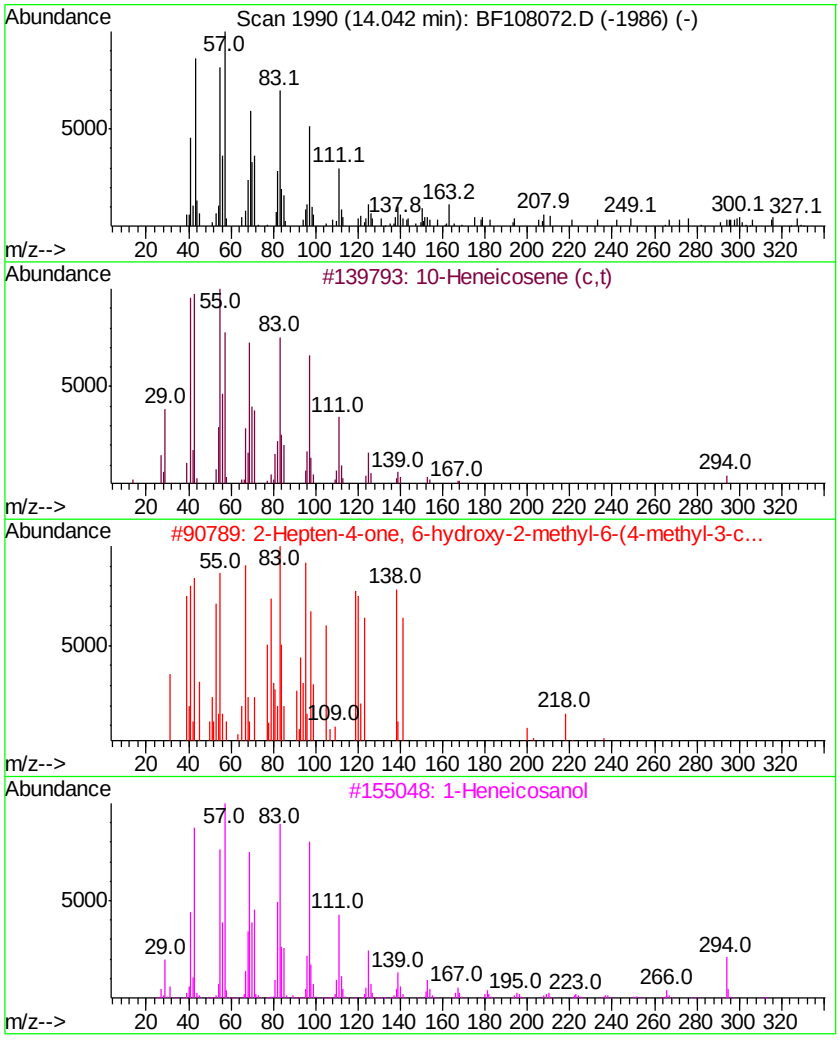
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

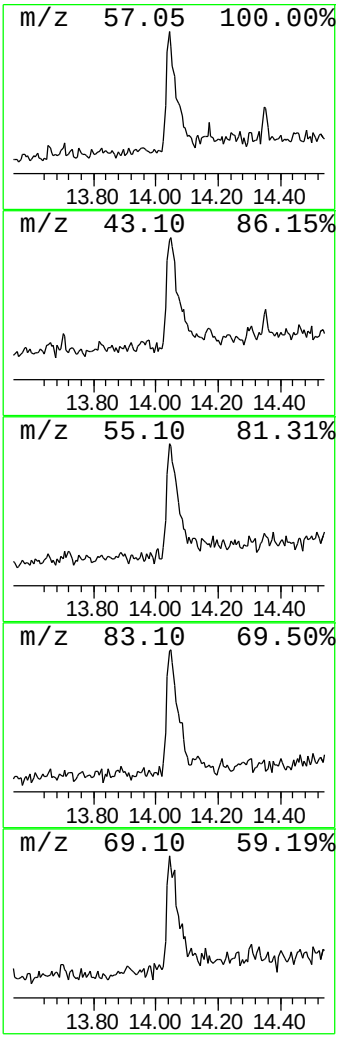
****

Peak Number 6 10-Heneicosene (c,t) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.64 ng	239871	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	94
2	2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	76
4	1-Octadecanol	270	C18H38O	000112-92-5	76
5	Behenic alcohol	326	C22H46O	000661-19-8	76





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Instrument : BNA_F
ClientSampleId : 080618-TIPC-E-D-M

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

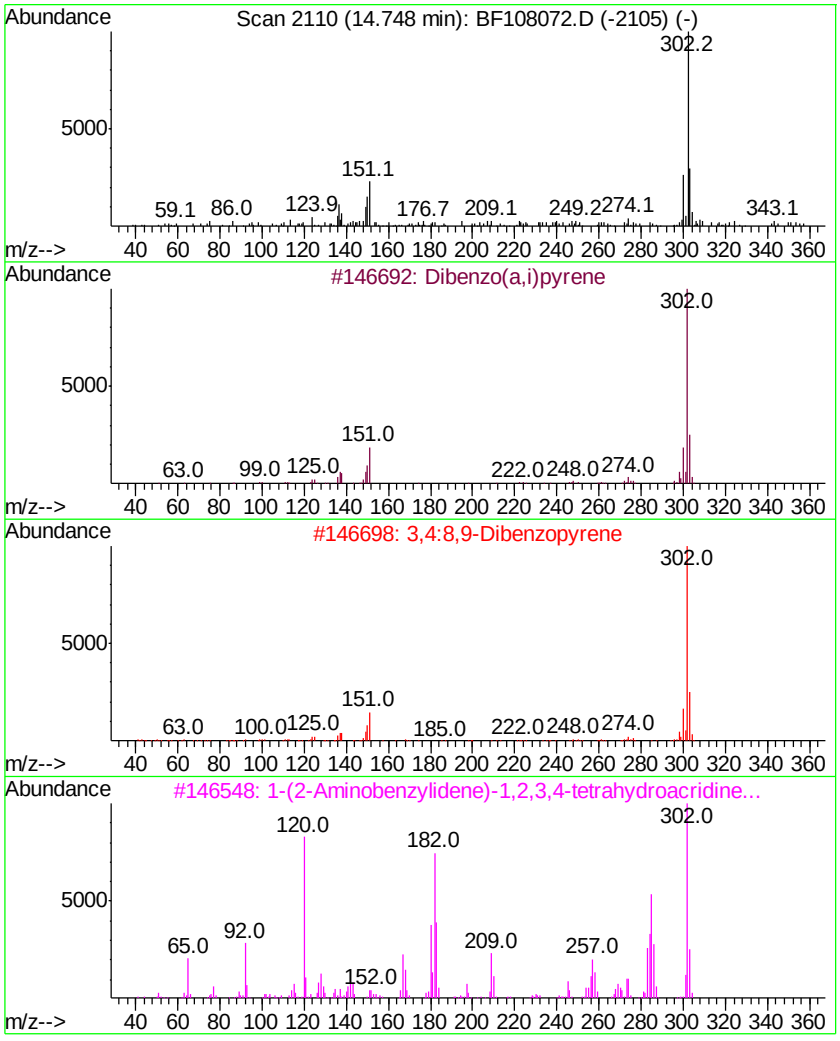
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

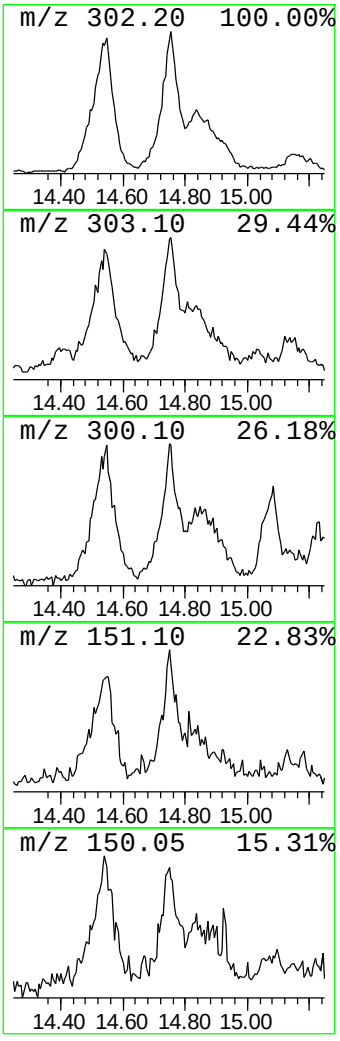
****

Peak Number 7 Dibenzo(a,i)pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.25 ng	204099	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	93
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	90
3	1-(2-Aminobenzylidene)-1,2,3,4-t...	302	C20H18N2O	1000110-40-2	90
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	72





Tentatively Identified Compound (LSC) summary

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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	28.9	ng	2542580	1	7.01	1757870	20.0
2-Pentanone, 4-hy...	5.25	2.6	ng	233152	1	7.01	1757870	20.0
unknown6.78	6.78	58.6	ng	5147220	1	7.01	1757870	20.0
Triethyl citrate	10.72	4.8	ng	494216	3	10.06	2072430	20.0
10-Heneicosene (c,t)	14.04	2.6	ng	239871	5	14.21	1815240	20.0
Dibenzo(a,i)pyrene	14.75	2.3	ng	204099	5	14.21	1815240	20.0