LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085003.D
Acq On : 10 Feb 2016 20:00
Operator : SJ/IZ
Sample : H1373-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-020516

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:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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	1.747	12	14	34	rVB	3304263	5636963	3.36%	1.417%
2	5.027	280	301	304	rBV2	14612300	167686391	100.00%	42.166%
3	6.444	409	425	427	rBV	13618762	103536927	61.74%	26.035%
4	6.547	430	434	437	rVV2	1004519	2907761	1.73%	0.731%
5	6.673	440	445	448	rVB	6678085	8824025	5.26%	2.219%
6	6.822	454	458	461	rBV2	7136765	13492922	8.05%	3.393%
7	7.210	489	492	496	rBV	1596539	3392502	2.02%	0.853%
8	7.393	500	508	510	rBV	13879091	57059437	34.03%	14.348%
9	7.919	552	554	557	rVB2	1396464	1721202	1.03%	0.433%
10	8.124	568	572	574	rBV	5035416	6524540	3.89%	1.641%
11	8.593	607	613	616	rBV2	1488918	2947255	1.76%	0.741%
12	8.947	641	644	646	rVV	4820810	7670805	4.57%	1.929%
13	9.005	646	649	650	rVV	4201620	5636558	3.36%	1.417%
14	9.050	650	653	655	rVV	1741321	2690402	1.60%	0.677%
15	9.222	665	668	670	rVV	1772228	1887071	1.13%	0.475%
16	10.445	773	775	777	rVV2	1362293	1681214	1.00%	0.423%
17	12.731	972	975	977	rBV	2110708	2532387	1.51%	0.637%
18	18.434	1464	1474	1487	rVB2	289470	1851389	1.10%	0.466%

Sum of corrected areas: 397679751

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085003.D
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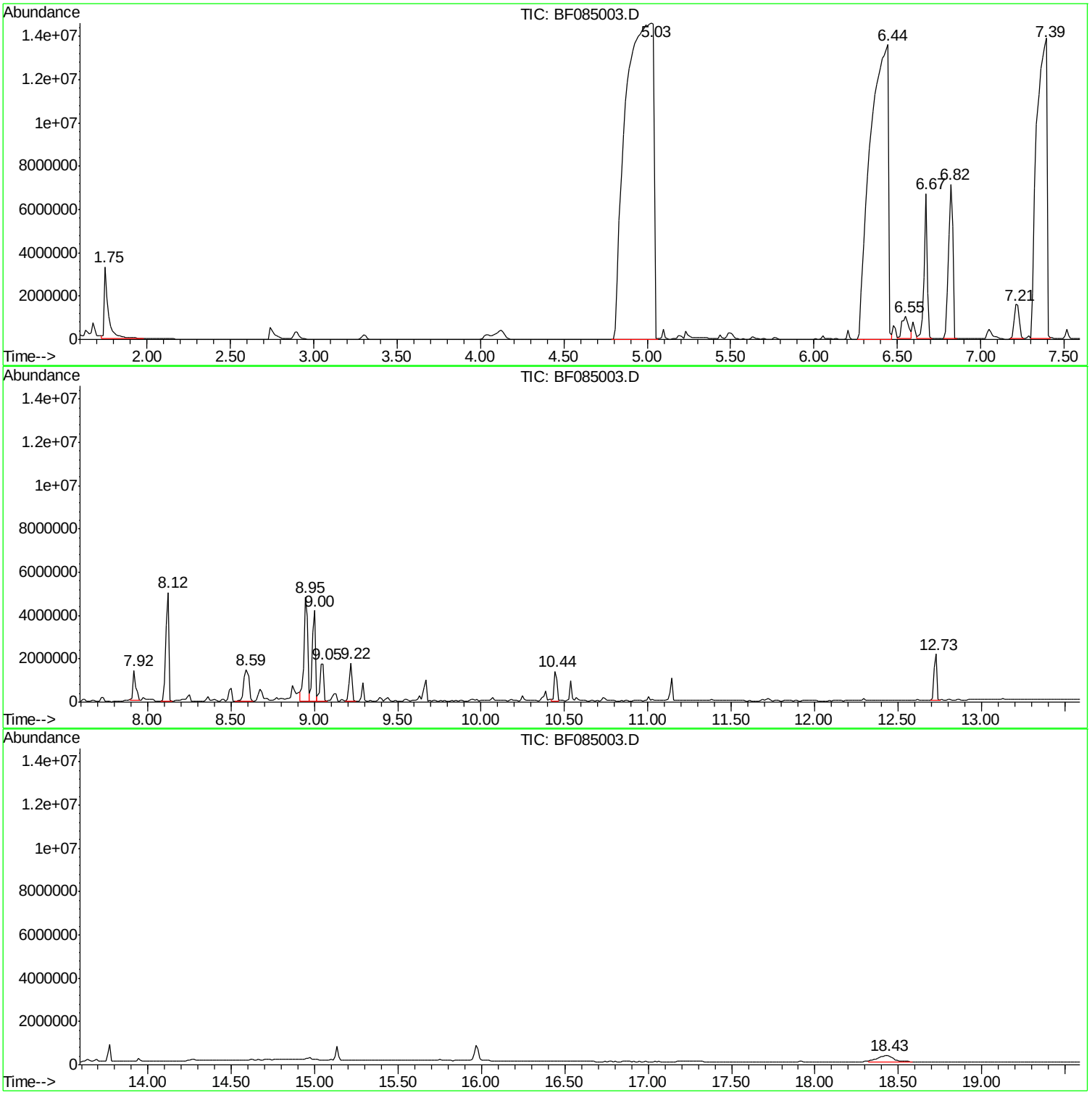
Operator : SJ/IZ
Sample : H1373-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-020516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

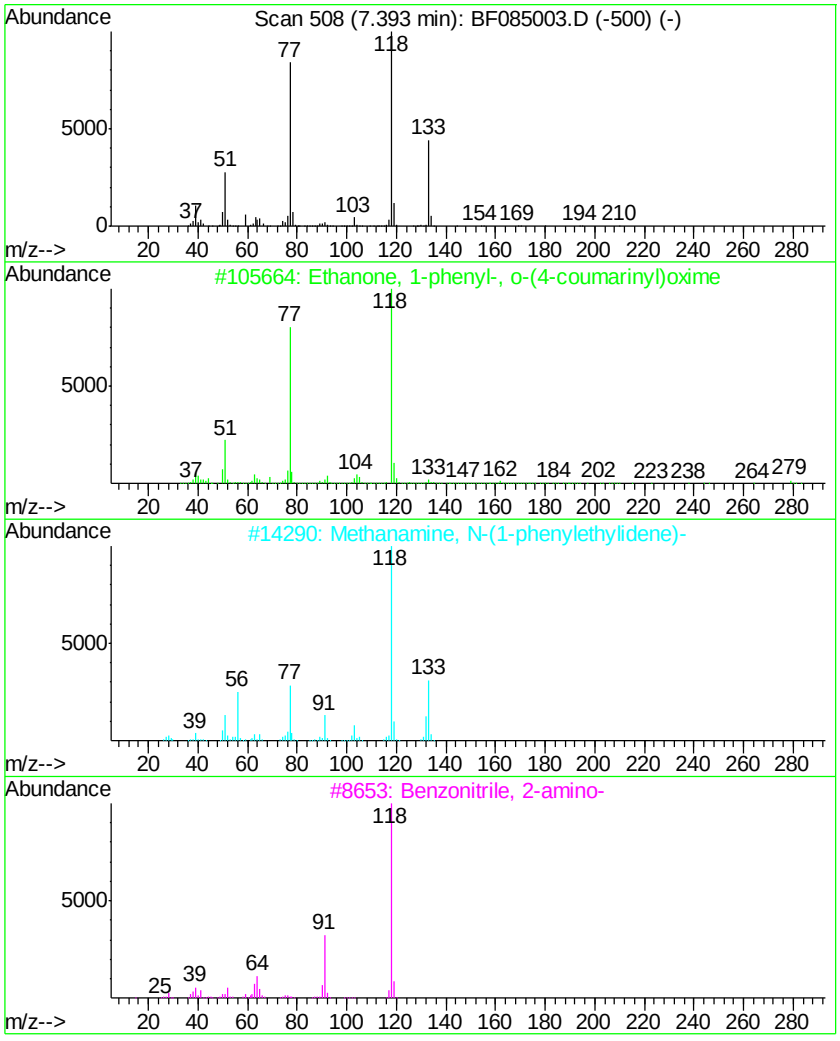
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

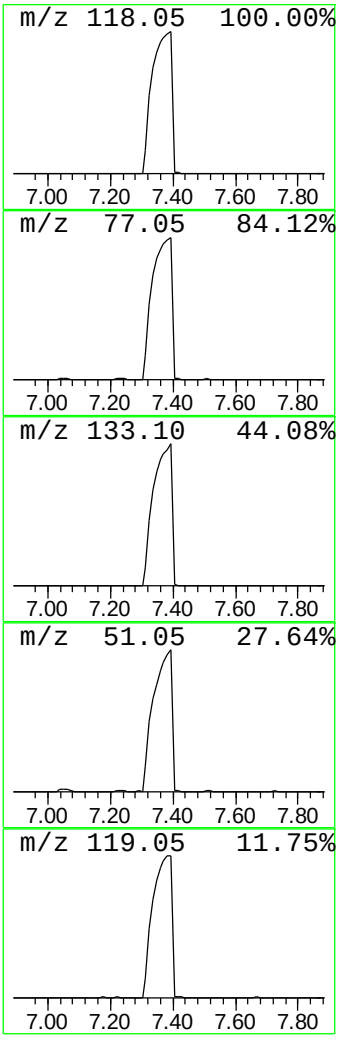
****

Peak Number 3 Ethanone, 1-phenyl-, o-(4-c... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	663.02 ng	57059400	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	59
2	Methanamine, N-(1-phenylethylide...	133	C9H11N	006907-71-7	40
3	Benzonitrile, 2-amino-	118	C7H6N2	001885-29-6	30
4	1H-Indazole	118	C7H6N2	000271-44-3	27
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

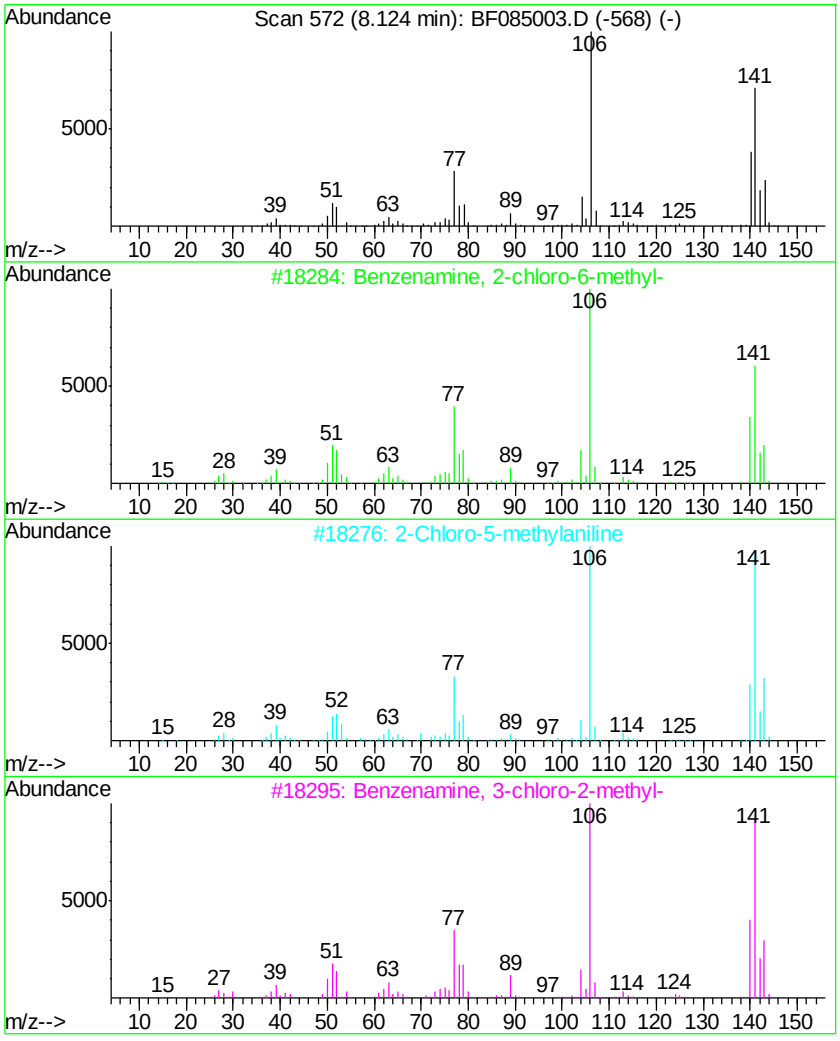
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

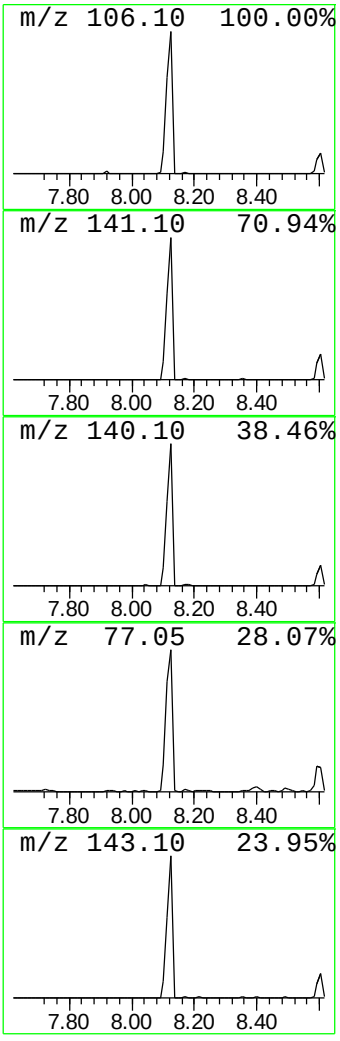
****

Peak Number 4 Benzenamine, 2-chloro-6-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	75.81 ng	6524540	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-chloro-6-methyl-	141	C7H8ClN	000087-63-8	96
2	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	95
3	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	94
4	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	91
5	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	90





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Data File : BF085003.D
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Operator : SJ/IZ
Sample : H1373-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-020516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

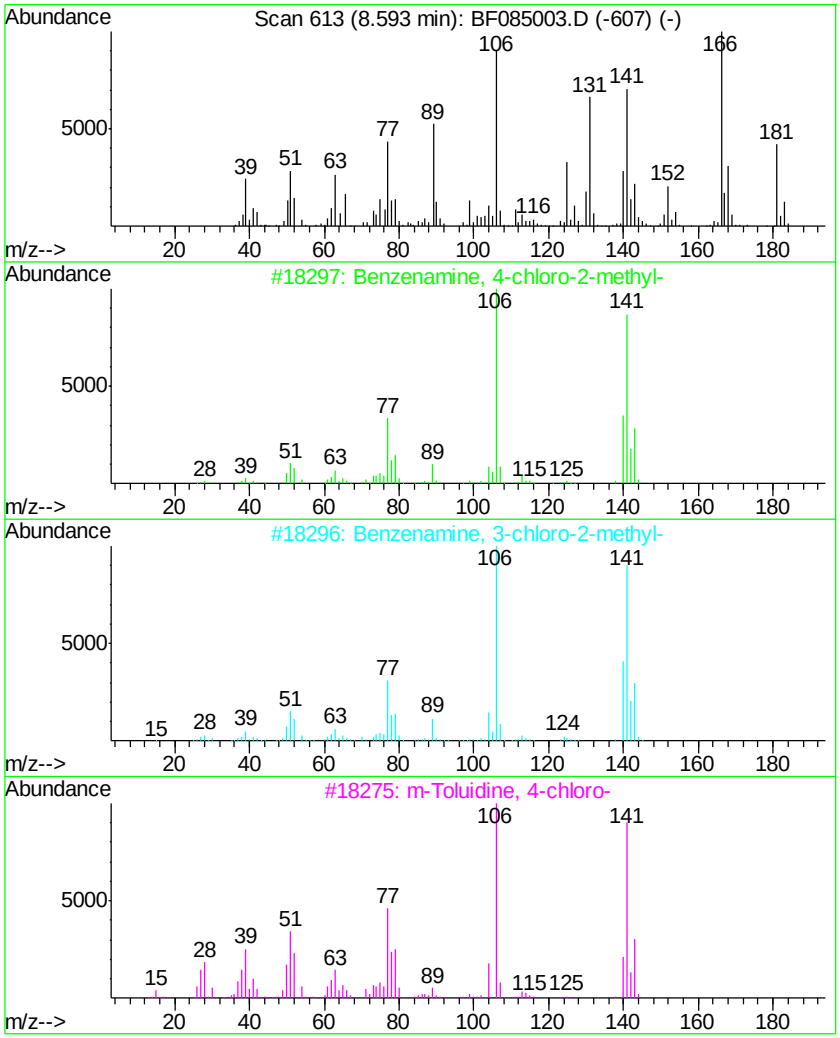
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

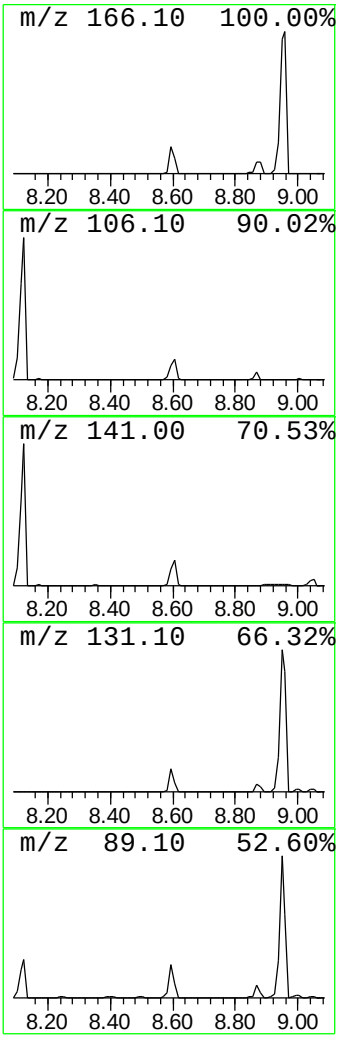
****

Peak Number 5 Benzenamine, 4-chloro-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	34.25 ng	2947260	Naphthalene-d8	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	74
2	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	72
3	m-Toluidine, 4-chloro-	141	C7H8ClN	007149-75-9	60
4	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	47
5	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	35





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Instrument : BNA_F
ClientSampleId : SYS-DIS-020516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

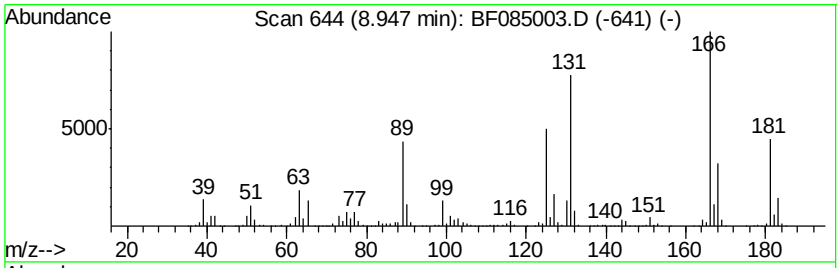
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

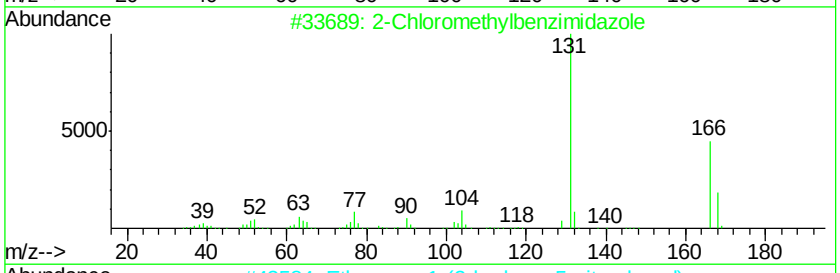
****

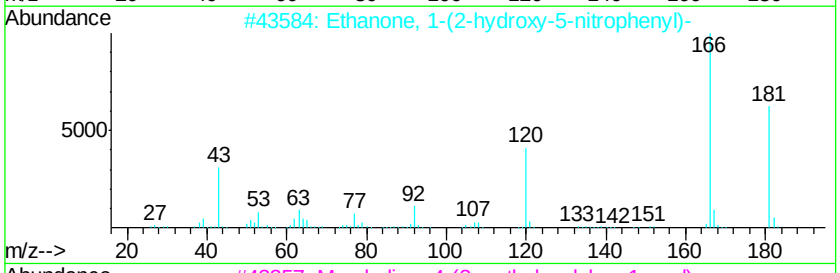
Peak Number 6 unknown-01 Concentration Rank 3

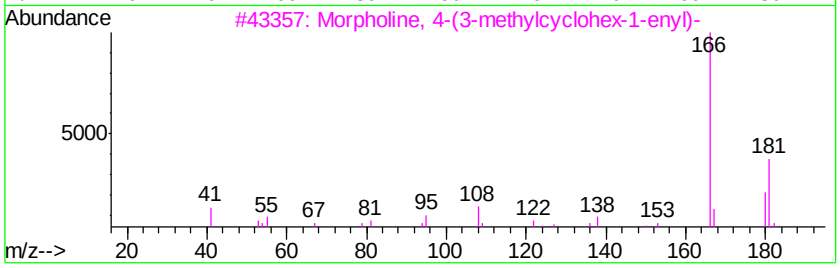
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	81.30 ng	7670810	Acenaphthene-d10	9.67

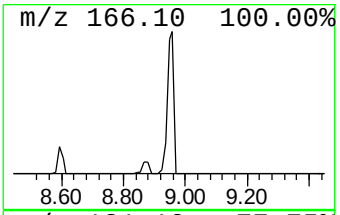
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloromethylbenzimidazole	166	C8H7ClN2	004857-04-9	32
2	Ethanone, 1-(2-hydroxy-5-nitroph...	181	C8H7NO4	001450-76-6	25
3	Morpholine, 4-(3-methylcyclohex-...	181	C11H19NO	1000146-93-2	25
4	Aniline, N-ethyl-3,5-di(hydroxym...	181	C10H15NO2	1000158-25-8	22
5	2(1H)-Pyridinone, 3-acetyl-4-hyd...	181	C9H11NO3	007202-55-3	16

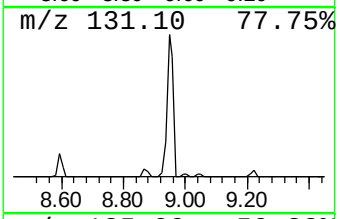


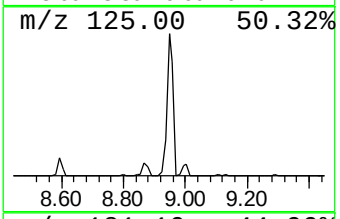


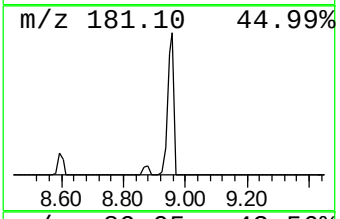


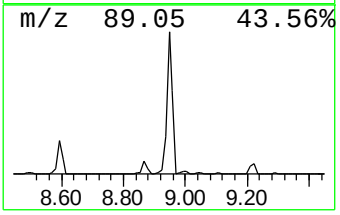












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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-020516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

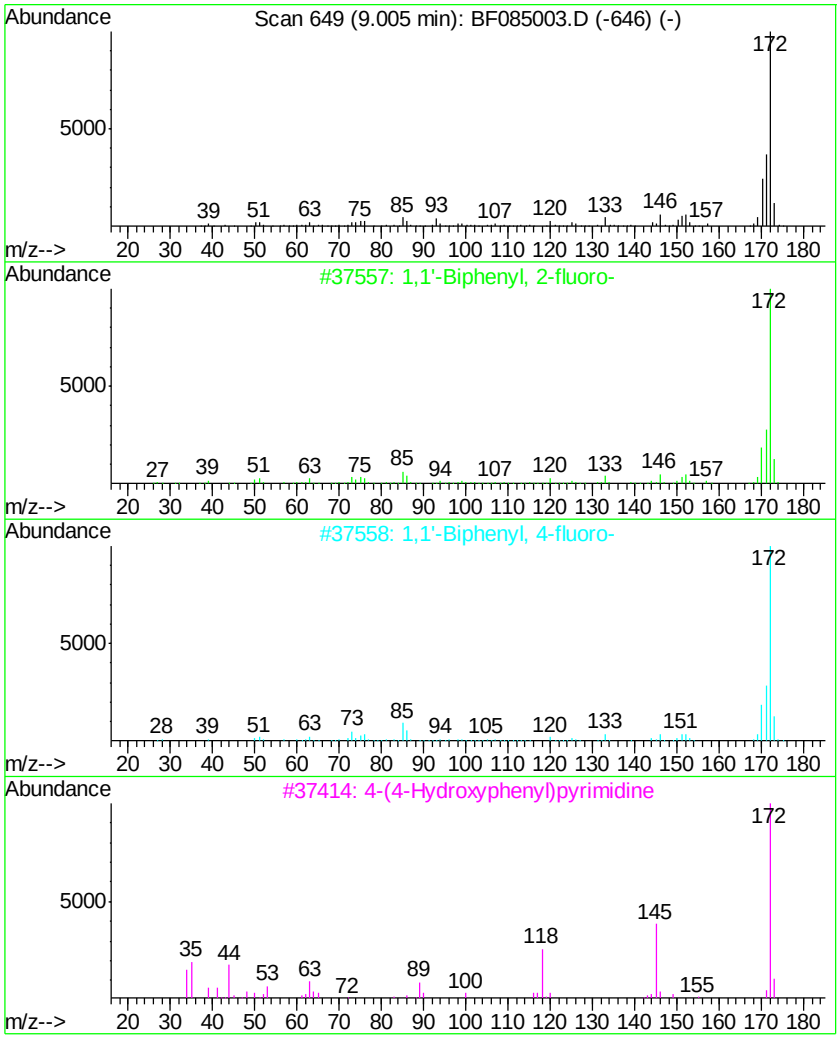
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

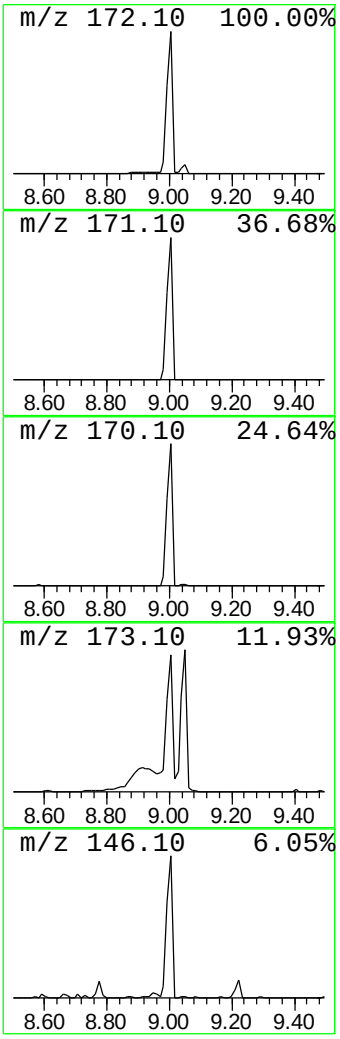
****

Peak Number 7 1,1'-Biphenyl, 2-fluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	59.74 ng	5636560	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	94
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	87
3	4-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	023380-78-1	28
4	2,3-Dihydro-6-methyl-1,2,4-triaz...	172	C4H4N4S2	014778-87-1	25
5	2-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	064435-20-7	9





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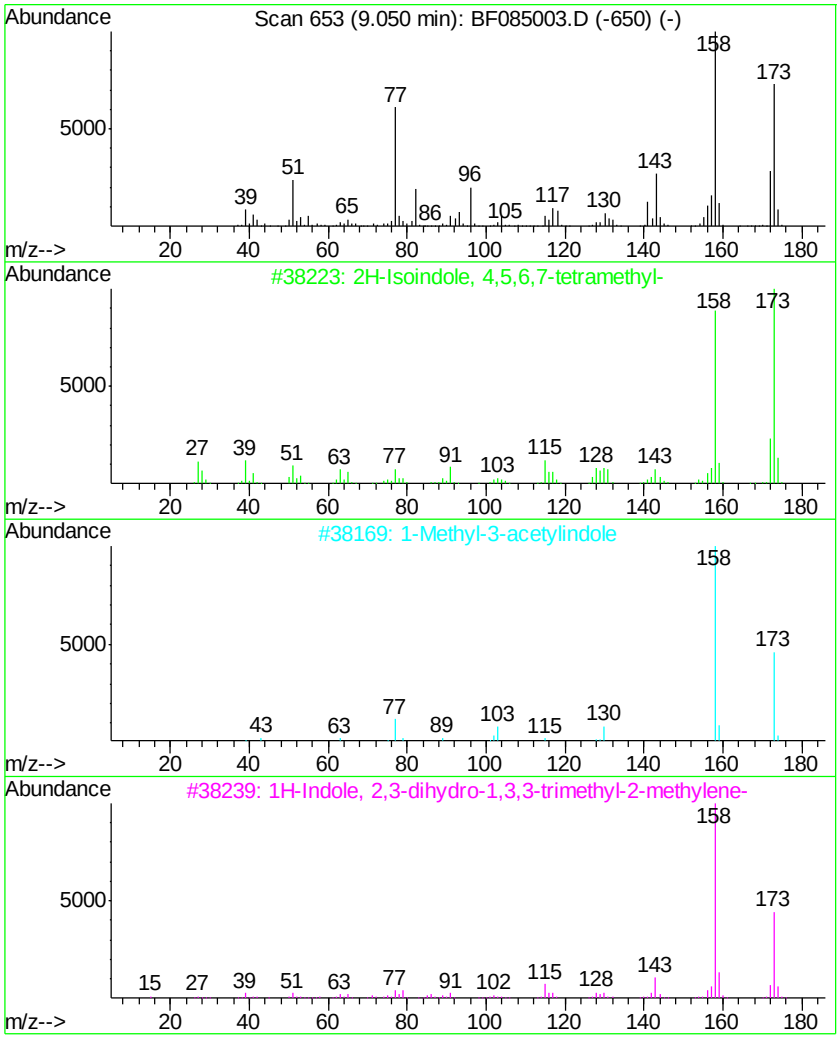
TIC Integration Parameters: LSCINT.P

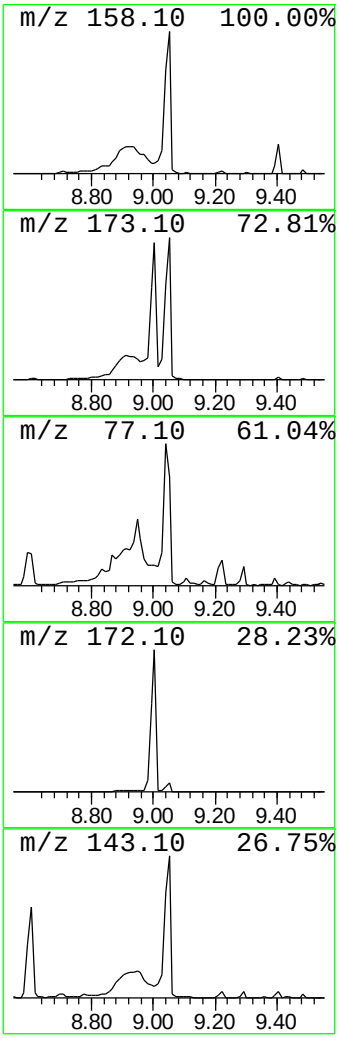
****

Peak Number 8 2H-Isoindole, 4,5,6,7-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	28.51 ng	2690400	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Isoindole, 4,5,6,7-tetramethyl-	173	C12H15N	070187-61-0	53
2	1-Methyl-3-acetylindole	173	C11H11NO	019012-02-3	52
3	1H-Indole, 2,3-dihydro-1,3,3-tri...	173	C12H15N	000118-12-7	49
4	Ethanone, 1-(5-methyl-3-indolizi...	173	C11H11NO	031108-61-9	47
5	1H-Indole, 2-(1,1-dimethylethyl)-	173	C12H15N	001805-65-8	46





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TIC Library : C:\DATABASE\NIST02.L
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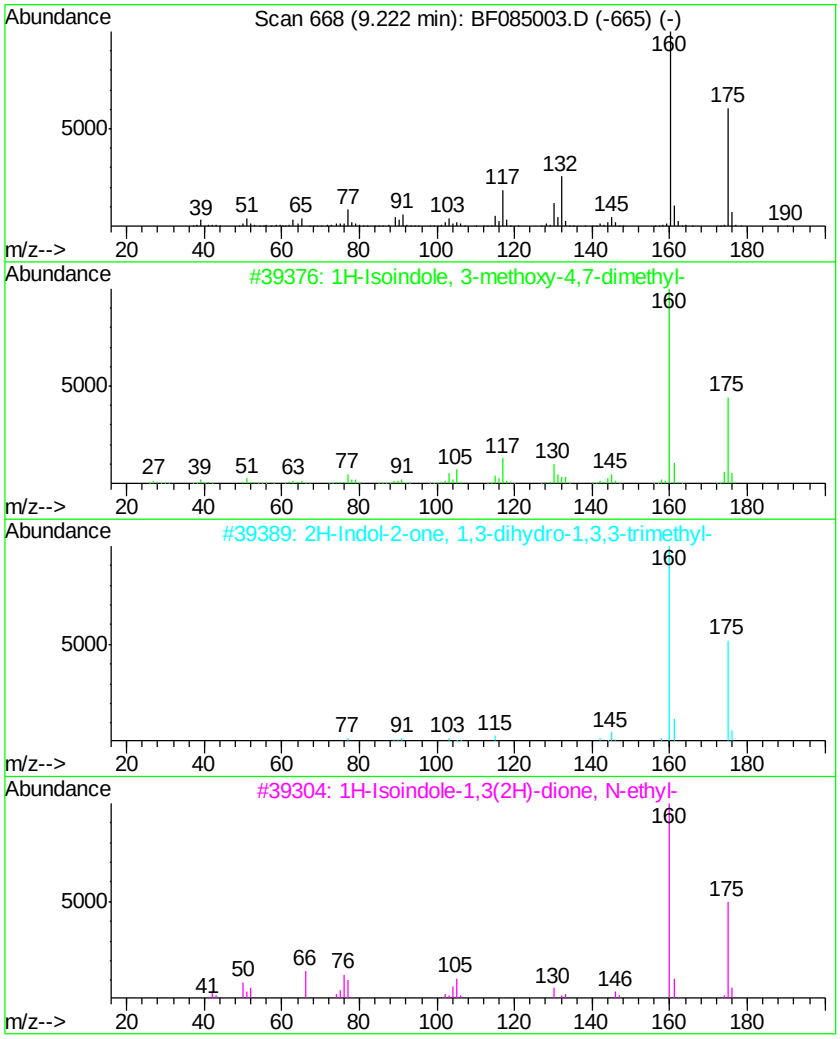
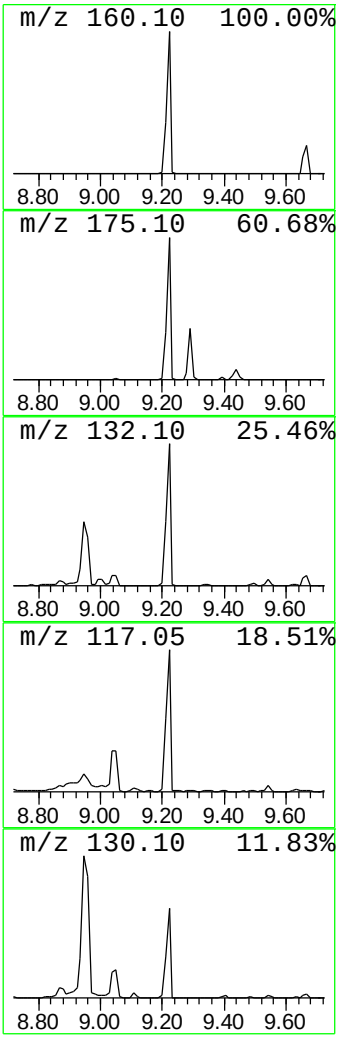
****

Peak Number 9 1H-Isoindole, 3-methoxy-4,7... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	20.00 ng	1887070	Acenaphthene-d10	9.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Isoindole, 3-methoxy-4,7-dime...	175	C11H13NO	100813-60-3	87
2	2H-Indol-2-one, 1,3-dihydro-1,3,...	175	C11H13NO	020200-86-6	70
3	1H-Isoindole-1,3(2H)-dione, N-et...	175	C10H9NO2	005022-29-7	59
4	Quinoline, 3-(methylthio)-	175	C10H9NS	051934-46-4	59
5	Chromium, pentacarbonyl-(.eta.-1...	367	C16H13CrNO6	1000157-48-7	50





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TIC Library : C:\DATABASE\NIST02.L
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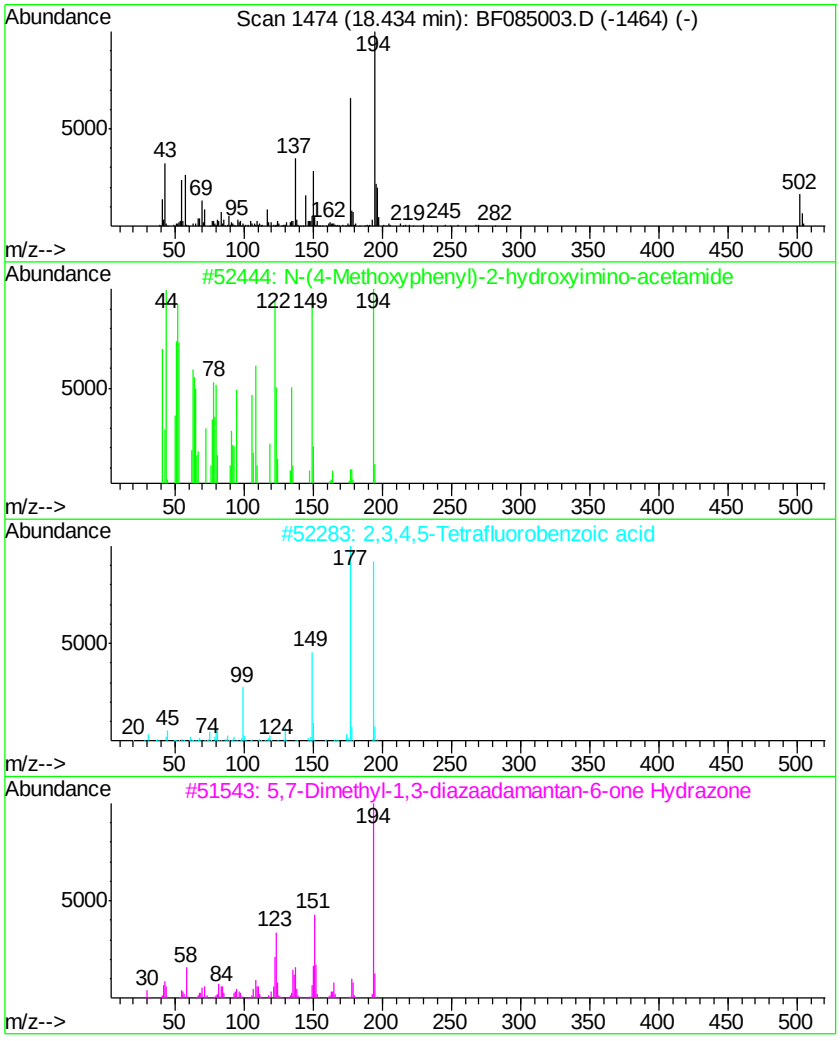
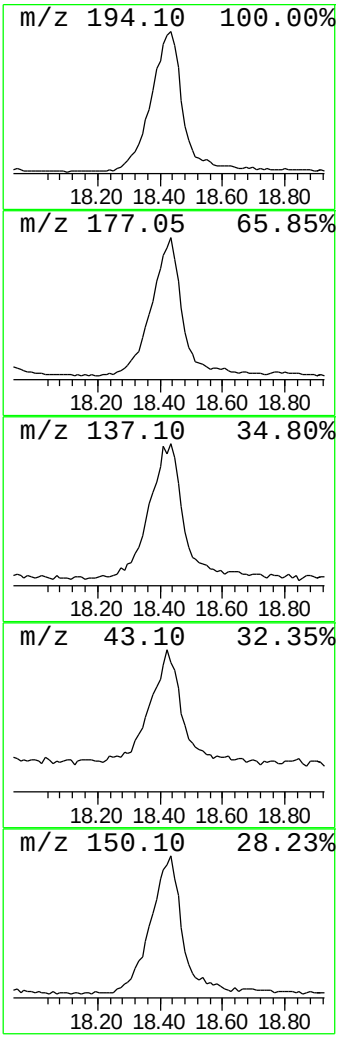
****

Peak Number 10 N-(4-Methoxyphenyl)-2-hydro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	14.62 ng	1851390	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Methoxyphenyl)-2-hydroxyimi...	194	C9H10N2O3	1000143-61-3	93
2	2,3,4,5-Tetrafluorobenzoic acid	194	C7H2F4O2	001201-31-6	37
3	5,7-Dimethyl-1,3-diazaadamantan-...	194	C10H18N4	125658-01-7	35
4	Benzen, 2-acetate-1,3-dimethoxy-...	236	C13H16O4	029540-10-1	16
5	4-Chloro-1-methyl-1,2-dihydro-1,...	194	C9H7ClN2O	027330-32-1	12





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanone, 1-pheny...	7.39	663.0	ng	57059400	2	7.92	1721200	20.0
Benzenamine, 2-ch...	8.12	75.8	ng	6524540	2	7.92	1721200	20.0
Benzenamine, 4-ch...	8.59	34.3	ng	2947260	2	7.92	1721200	20.0
unknown-01	8.95	81.3	ng	7670810	3	9.67	1887070	20.0
1,1'-Biphenyl, 2-...	9.00	59.7	ng	5636560	3	9.67	1887070	20.0
2H-Isoindole, 4,5...	9.05	28.5	ng	2690400	3	9.67	1887070	20.0
1H-Isoindole, 3-m...	9.22	20.0	ng	1887070	3	9.67	1887070	20.0
N-(4-Methoxypheny...	18.43	14.6	ng	1851390	6	15.13	2532390	20.0