LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087571.D
Acq On : 31 May 2016 3:20
Operator : UM/SJ
Sample : H3249-08
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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-BF052316.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	4.741	271	276	290	rBV	50841	242296	5.69%	0.870%
2	5.404	332	334	352	rBV	457193	1622026	38.11%	5.825%
3	6.925	461	467	472	rBV3	21334	72702	1.71%	0.261%
4	7.062	477	479	483	rVV	360852	785239	18.45%	2.820%
5	7.130	483	485	504	rVV	1916447	3824290	89.84%	13.733%
6	7.405	505	509	514	rVB2	20887	52108	1.22%	0.187%
7	7.485	514	516	526	rBV	343707	742182	17.44%	2.665%
8	7.702	533	535	552	rVV	1986827	2989696	70.24%	10.736%
9	7.919	552	554	561	rVB4	19821	59480	1.40%	0.214%
10	8.056	563	566	569	rBV2	40956	79826	1.88%	0.287%
11	8.399	593	596	608	rBV	1472558	2530994	59.46%	9.089%
12	8.570	608	611	615	rVB	47116	97237	2.28%	0.349%
13	9.028	649	651	656	rVB3	35440	60280	1.42%	0.216%
14	9.519	691	694	708	rVB	407357	988067	23.21%	3.548%
15	10.353	762	767	772	rVB5	15936	47349	1.11%	0.170%
16	10.468	772	777	783	rBV3	21764	63199	1.48%	0.227%
17	11.279	845	848	863	rVB	3272276	4256627	100.00%	15.286%
18	12.034	910	914	923	rVB5	40259	128873	3.03%	0.463%
19	12.331	938	940	954	rBV2	542722	1106219	25.99%	3.973%
20	13.634	1052	1054	1076	rBV	1310585	2517220	59.14%	9.040%
21	13.931	1077	1080	1085	rVB2	26734	48776	1.15%	0.175%
22	14.754	1151	1152	1173	rBV	328684	945789	22.22%	3.396%
23	17.086	1354	1356	1374	rBV	2323856	3409755	80.10%	12.245%
24	18.491	1477	1479	1497	rBV2	212853	628683	14.77%	2.258%
25	20.183	1625	1627	1648	rBV7	134691	547898	12.87%	1.968%

Sum of corrected areas: 27846811

LSC Report - Integrated Chromatogram

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Misc :
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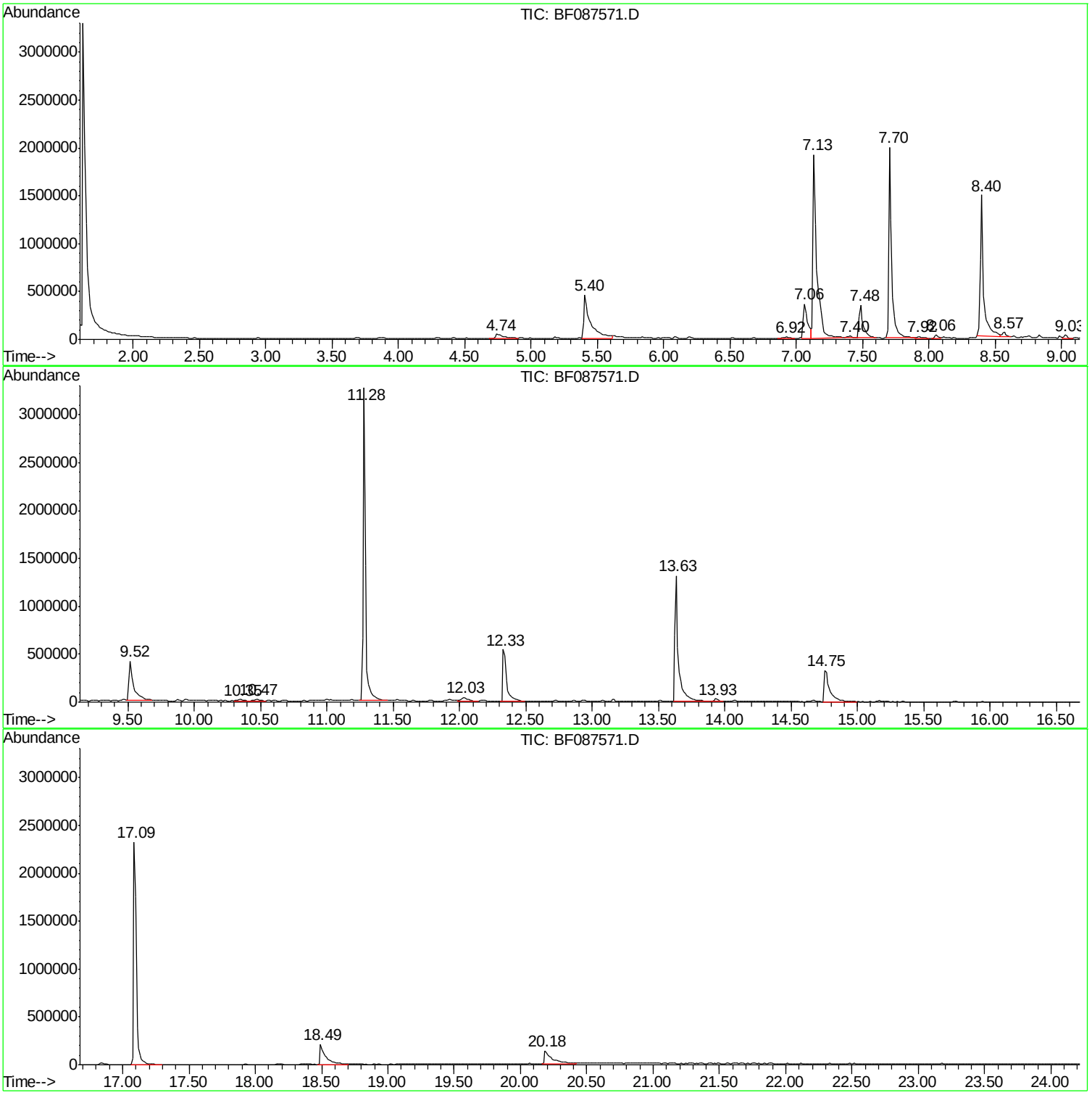
Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087571.D
Acq On : 31 May 2016 3:20
Operator : UM/SJ
Sample : H3249-08
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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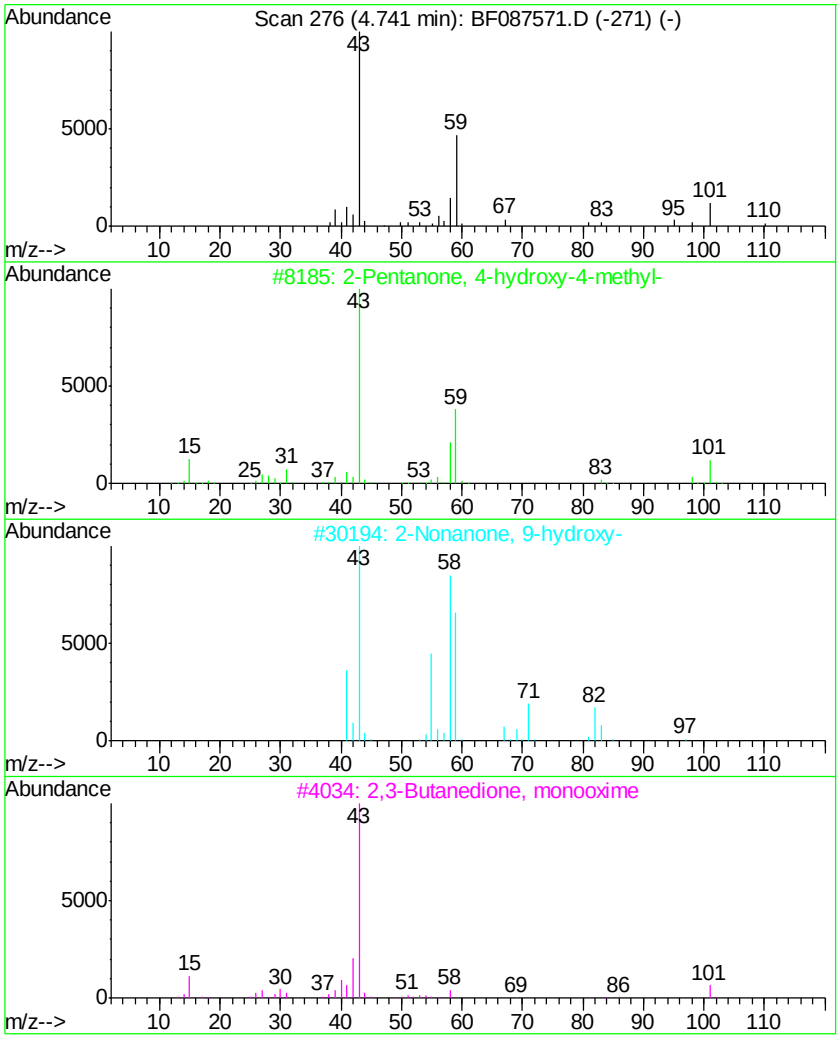
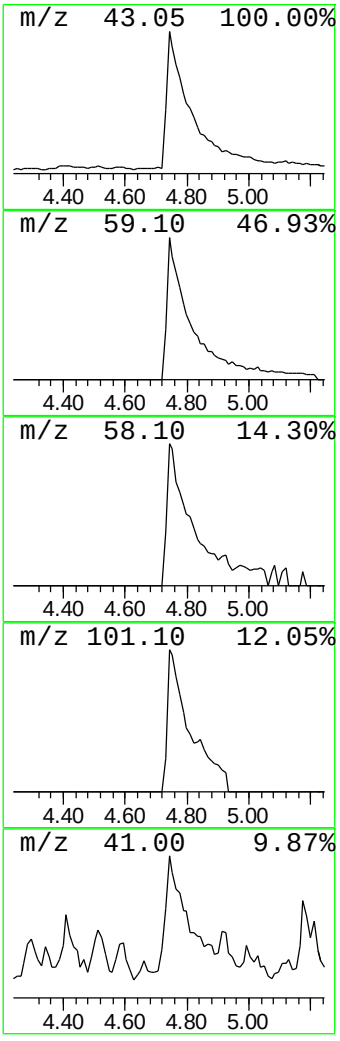
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	6.53 ng	242296	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	Butane	58	C4H10	000106-97-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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ALS Vial : 89 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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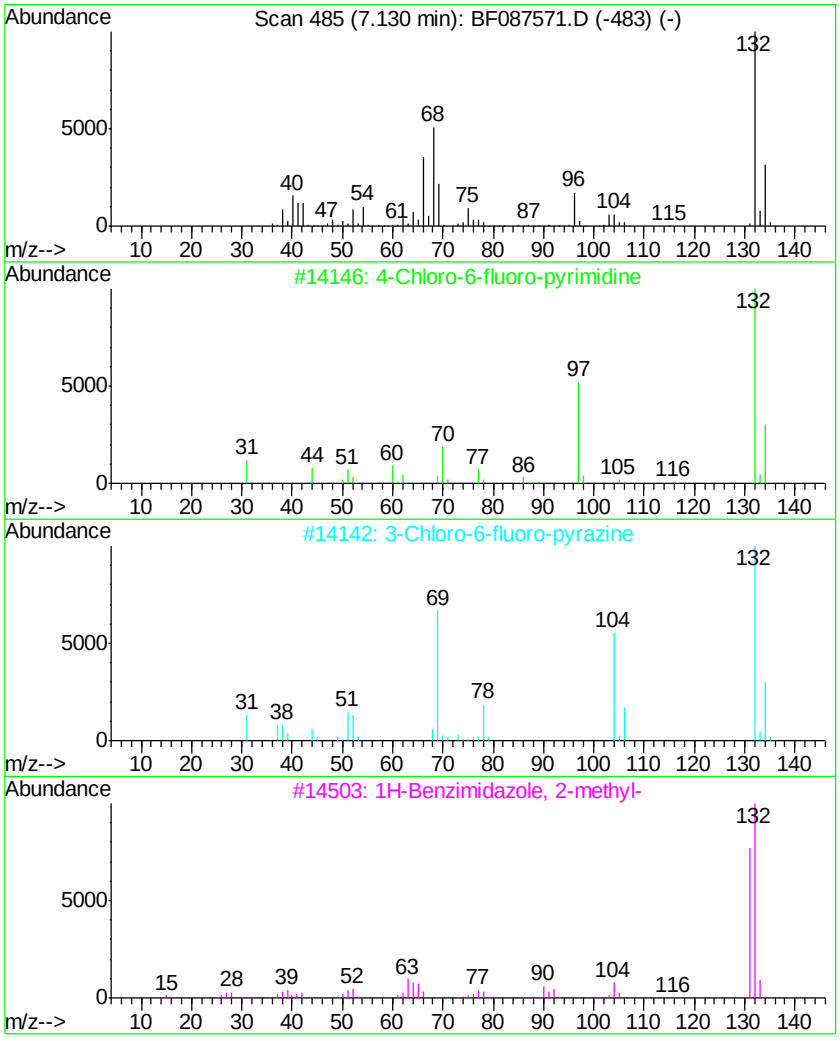
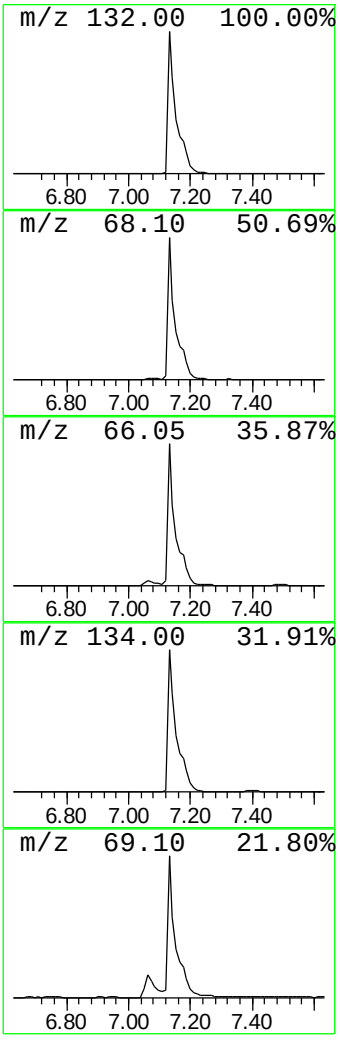
Peak Number 2 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	103.06 ng	3824290	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
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Operator : UM/SJ
Sample : H3249-08
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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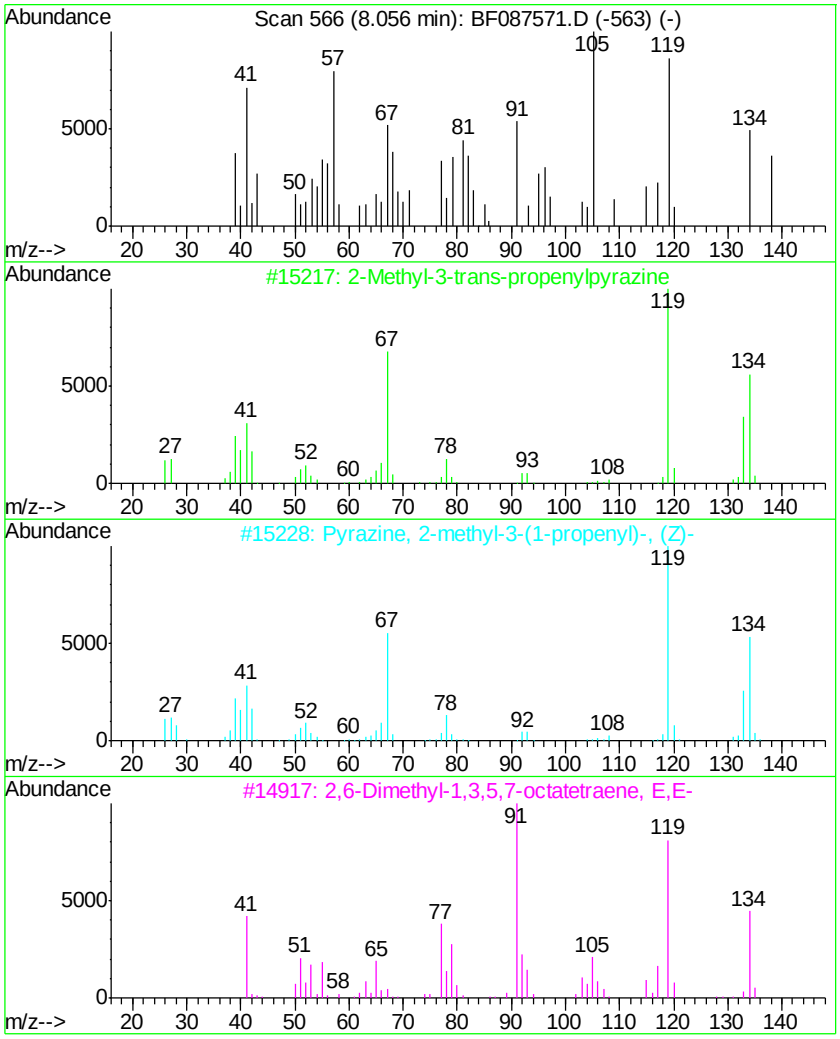
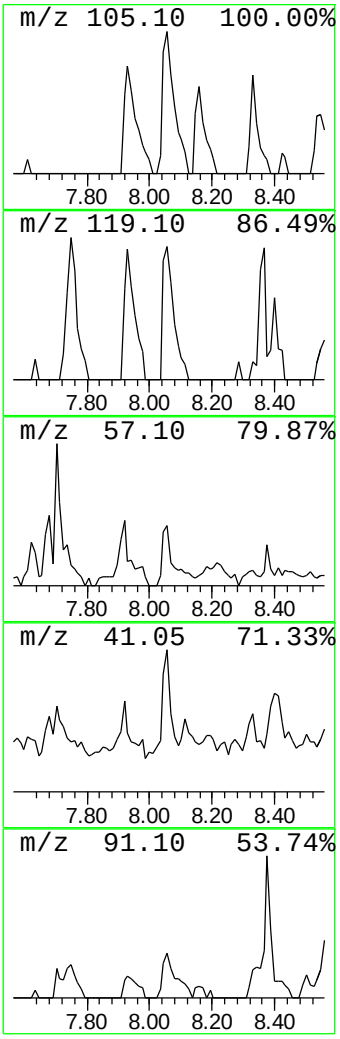
Peak Number 4 unknown8.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.15 ng	79826	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-trans-propenylpyrazine	134	C8H10N2	232255-41-3	43
2	Pyrazine, 2-methyl-3-(1-propenyl...	134	C8H10N2	055138-65-3	43
3	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	38
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	38





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Sample : H3249-08
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
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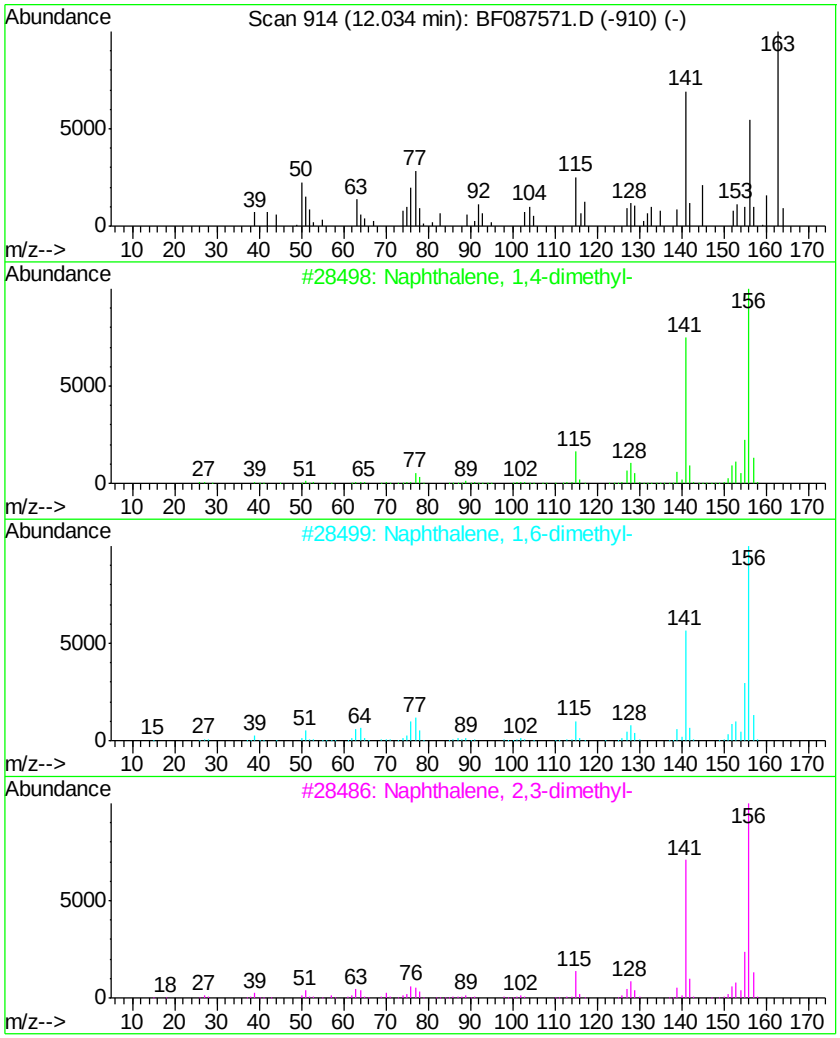
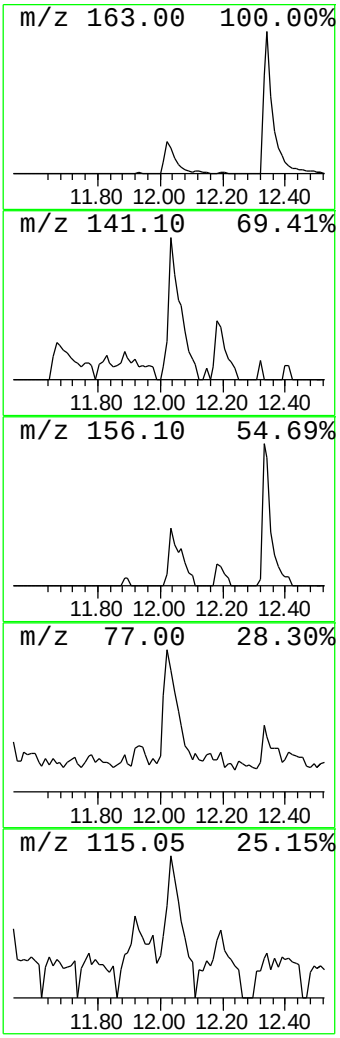
Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.33 ng	128873	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	80
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	60
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	60
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	52
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	50





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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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
2-Pentanone, 4-hy...	4.74	6.5	ng	242296	1	7.48	742182	20.0
unknown7.13	7.13	103.1	ng	3824290	1	7.48	742182	20.0
unknown8.06	8.06	2.1	ng	79826	1	7.48	742182	20.0
Naphthalene, 1,4-...	12.03	2.3	ng	128873	3	12.33	1106220	20.0