LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF123115.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	5.024	255	257	268	rVB	849802	1009165	10.85%	1.326%
2	5.458	292	295	297	rBV	5241170	4657587	50.07%	6.122%
3	6.487	383	385	388	rBV	2853241	2898491	31.16%	3.810%
4	6.624	394	397	399	rBV	8331873	7698137	82.75%	10.119%
5	6.853	414	417	419	rBV	2739843	2353142	25.30%	3.093%
6	7.013	428	431	433	rVB	7617253	7617870	81.89%	10.013%
7	7.379	459	463	464	rBV2	91323	137995	1.48%	0.181%
8	7.424	464	467	469	rVV	6166972	6987986	75.12%	9.185%
9	7.881	504	507	511	rBV2	85158	161436	1.74%	0.212%
10	8.076	520	524	527	rVB4	97421	206339	2.22%	0.271%
11	8.144	527	530	532	rBV	2360386	2974417	31.97%	3.910%
12	8.259	537	540	542	rVB3	59455	107974	1.16%	0.142%
13	8.476	556	559	561	rBV2	62517	122937	1.32%	0.162%
14	8.670	574	576	579	rBV	83477	114536	1.23%	0.151%
15	8.762	583	584	585	rBV	88315	114679	1.23%	0.151%
16	8.899	595	596	599	rVB3	66390	97467	1.05%	0.128%
17	8.967	599	602	604	rBV2	261296	340140	3.66%	0.447%
18	9.036	606	608	610	rBV	91811	119154	1.28%	0.157%
19	9.082	610	612	614	rBV3	127643	213271	2.29%	0.280%
20	9.173	619	620	621	rBV	96585	95025	1.02%	0.125%
21	9.219	621	624	627	rBV	9657378	9302533	100.00%	12.228%
22	9.413	637	641	643	rBV2	322566	535840	5.76%	0.704%
23	9.562	652	654	656	rBV2	489127	689617	7.41%	0.906%
24	9.607	656	658	659	rVV	324898	403256	4.33%	0.530%
25	9.642	659	661	663	rVB	618584	687477	7.39%	0.904%
26	9.722	667	668	670	rBV	166221	201086	2.16%	0.264%
27	9.802	673	675	679	rVB3	533358	757742	8.15%	0.996%
28	9.893	681	683	686	rVB	3512759	3091935	33.24%	4.064%
29	9.996	690	692	695	rVB3	83668	145040	1.56%	0.191%
30	10.065	695	698	700	rBV2	241569	407652	4.38%	0.536%
31	10.110	700	702	705	rVB4	106997	213664	2.30%	0.281%
32	10.213	707	711	712	rBV3	140339	273293	2.94%	0.359%
33	10.236	712	713	715	rVV2	203798	303565	3.26%	0.399%
34	10.282	715	717	718	rVB2	243175	287248	3.09%	0.378%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.327	718	721	722	rVB2	267906	336088	3.61%	0.442%
36	10.362	722	724	725	rBV2	80735	105492	1.13%	0.139%
37	10.396	725	727	729	rBV	195338	209553	2.25%	0.275%
38	10.522	736	738	739	rBV2	109153	140176	1.51%	0.184%
39	10.636	746	748	750	rVB3	102318	164223	1.77%	0.216%
40	10.682	750	752	755	rVV2	4605857	5510983	59.24%	7.244%
41	10.796	758	762	766	rVB2	251639	552315	5.94%	0.726%
42	10.990	777	779	782	rBV4	86823	169746	1.82%	0.223%
43	11.253	799	802	803	rBV2	141356	212517	2.28%	0.279%
44	11.379	810	813	815	rVB	2999660	2631101	28.28%	3.458%
45	11.596	831	832	837	rVB	158373	228820	2.46%	0.301%
46	11.836	851	853	855	rBV2	87928	100347	1.08%	0.132%
47	12.751	931	933	935	rBV	84607	100595	1.08%	0.132%
48	12.968	949	952	954	rBV	6482283	6621915	71.18%	8.704%
49	13.871	1029	1031	1036	rBV2	66958	129038	1.39%	0.170%
50	14.008	1041	1043	1046	rBV	1700575	1881171	20.22%	2.473%
51	15.437	1165	1168	1171	rBV	1228740	1656630	17.81%	2.178%

Sum of corrected areas: 76078406

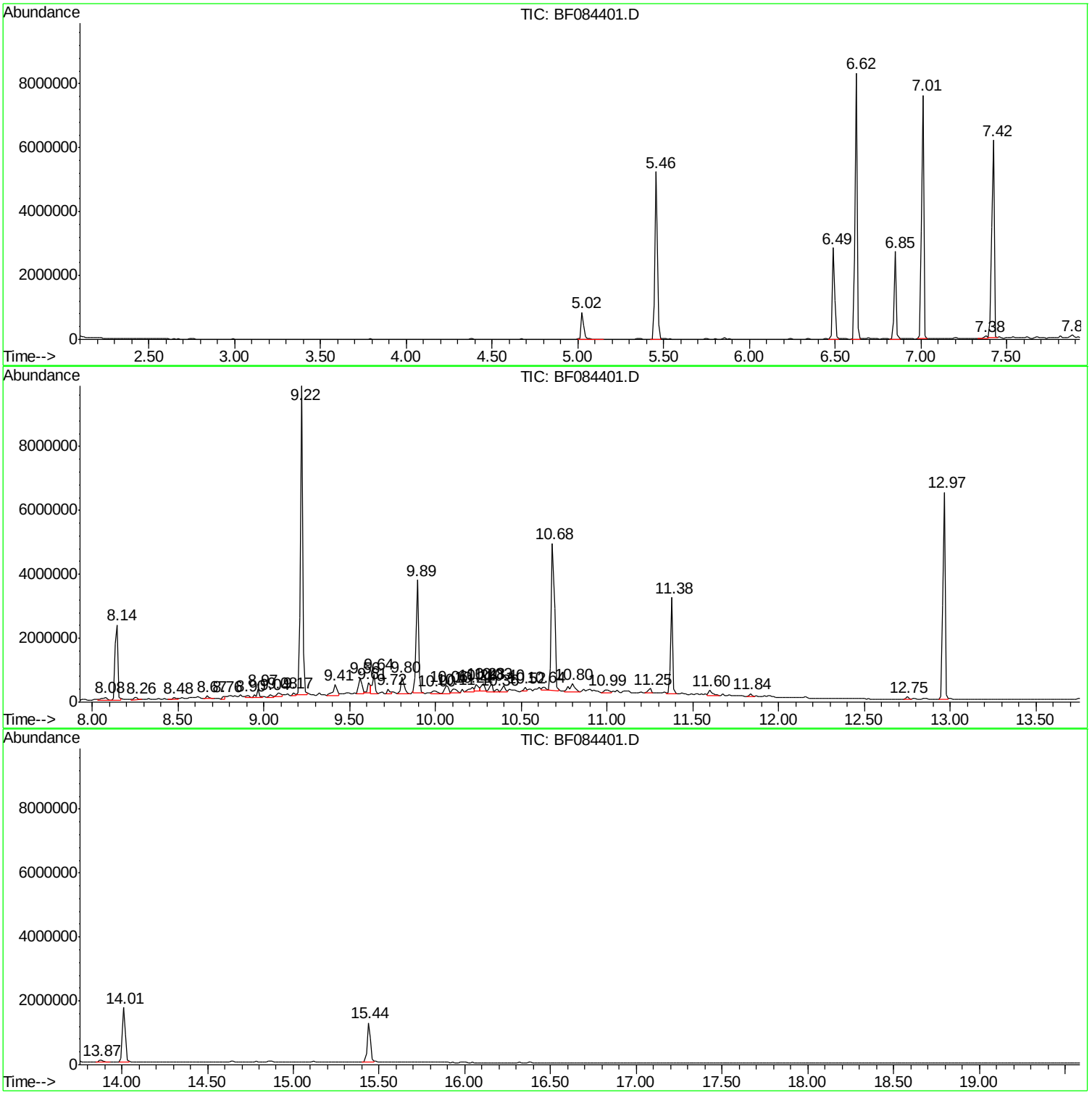
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

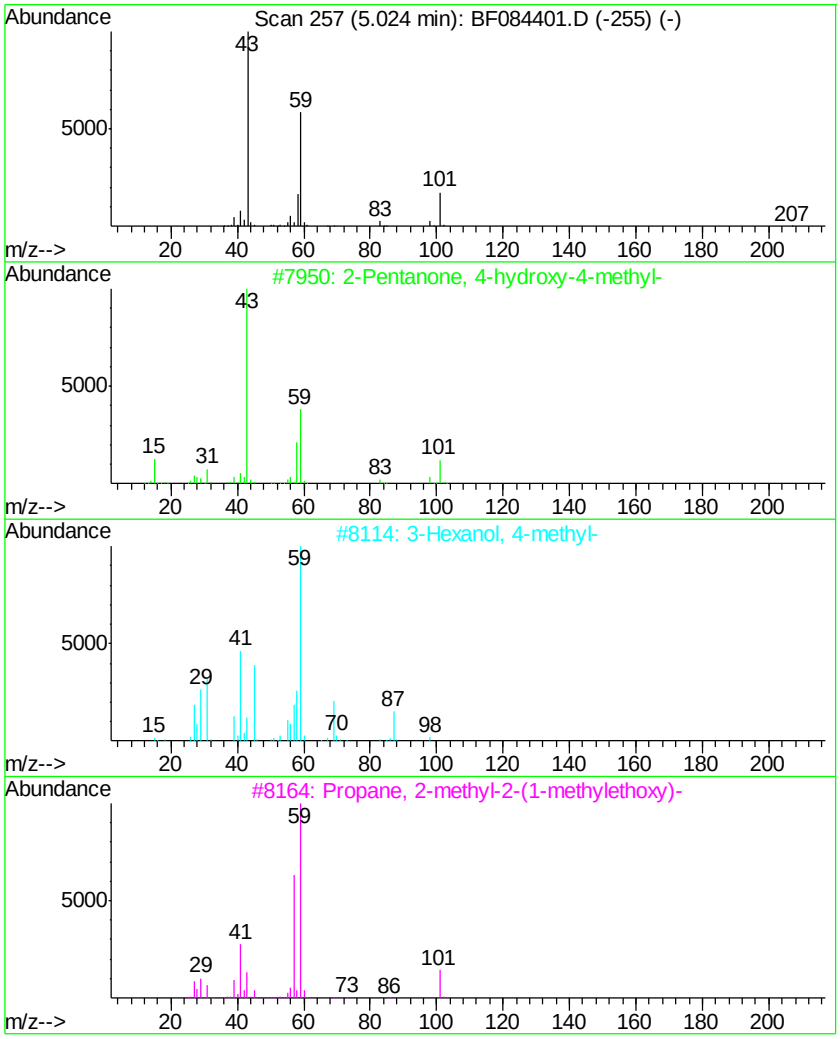
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

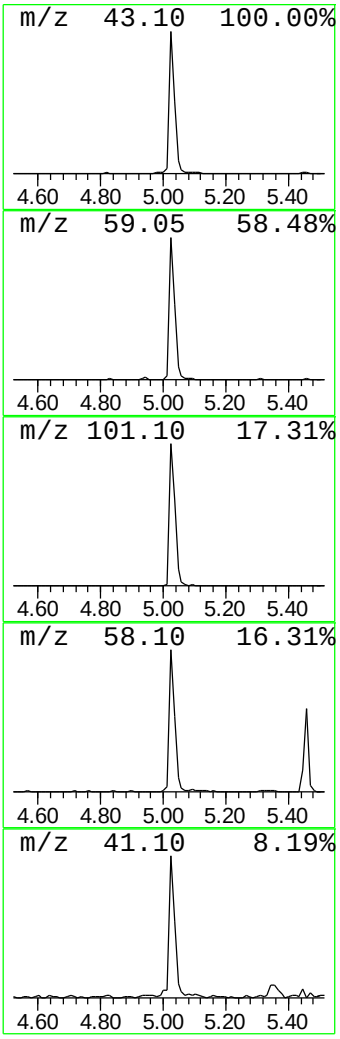
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	8.58 ng	1009170	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

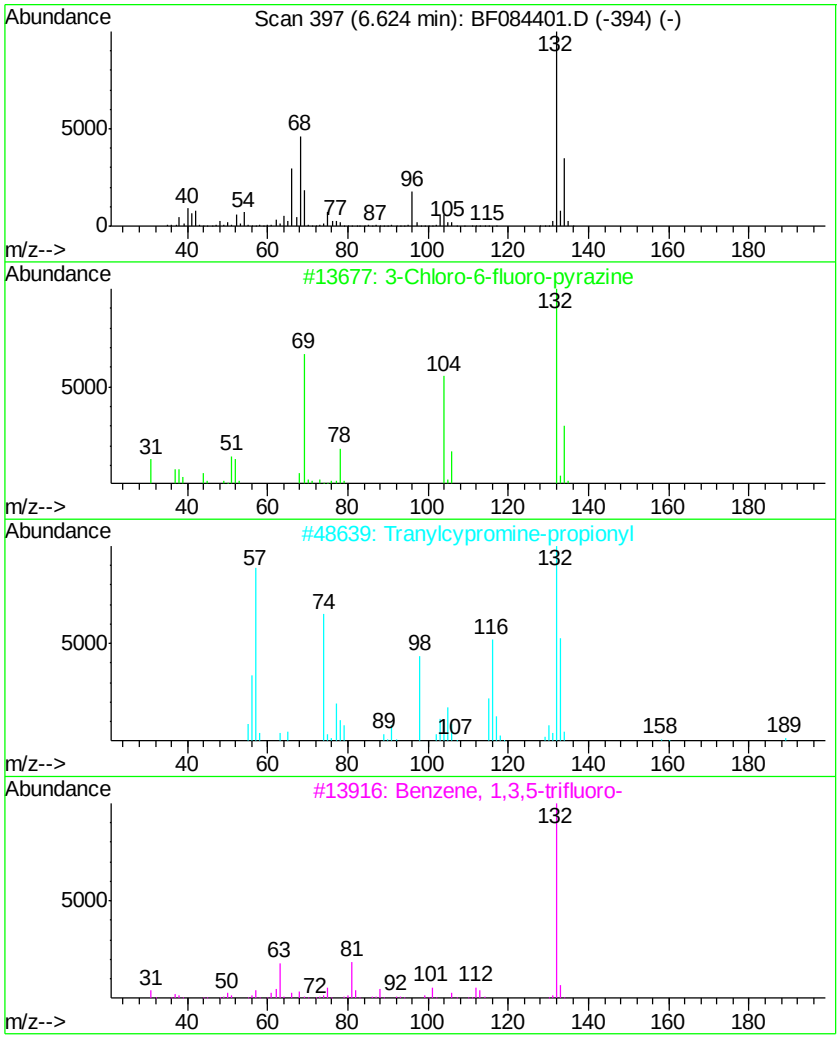
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

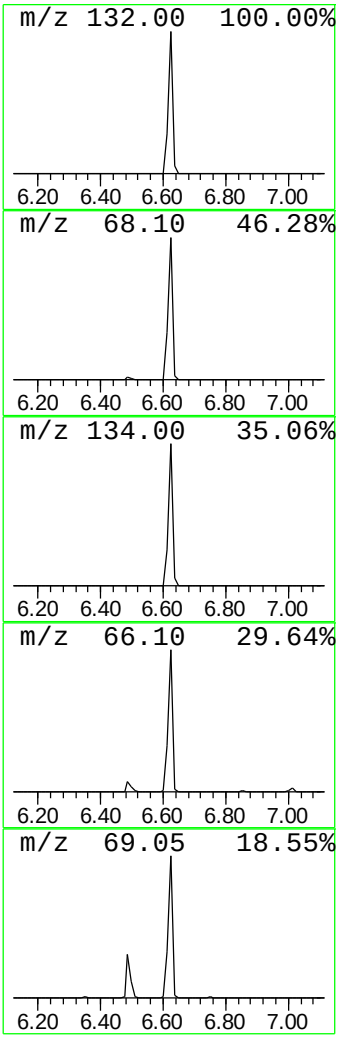
****

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	65.43 ng	7698140	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

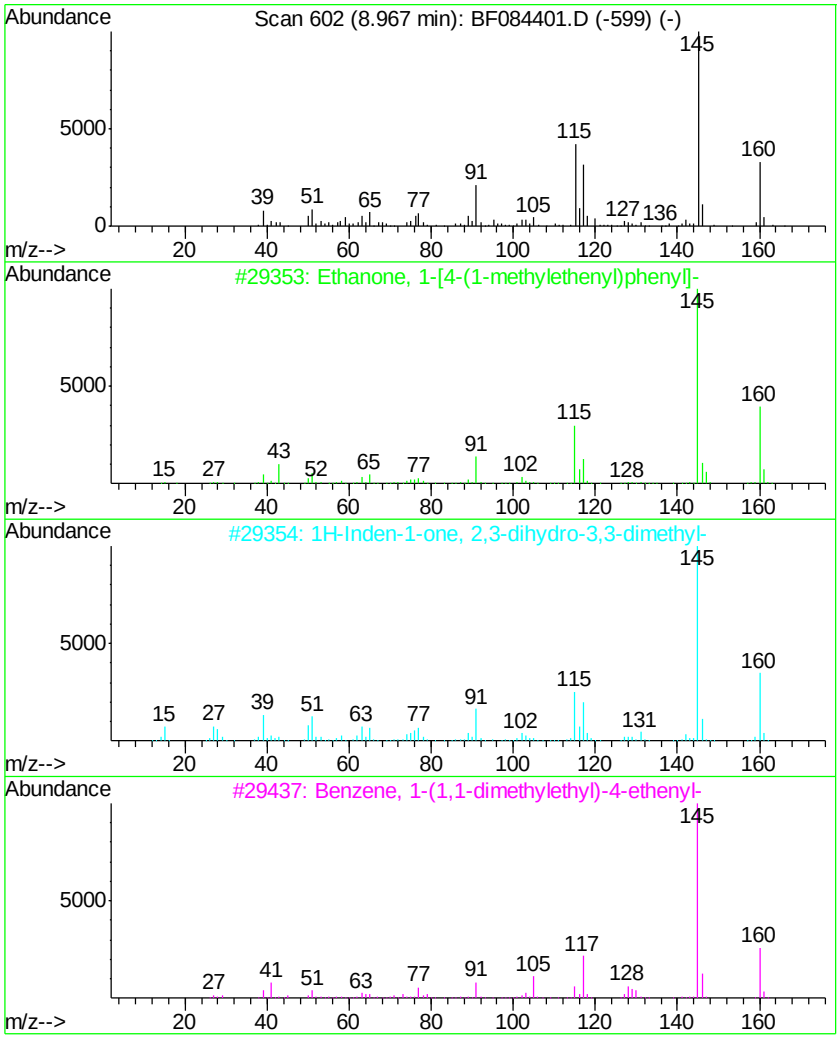
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

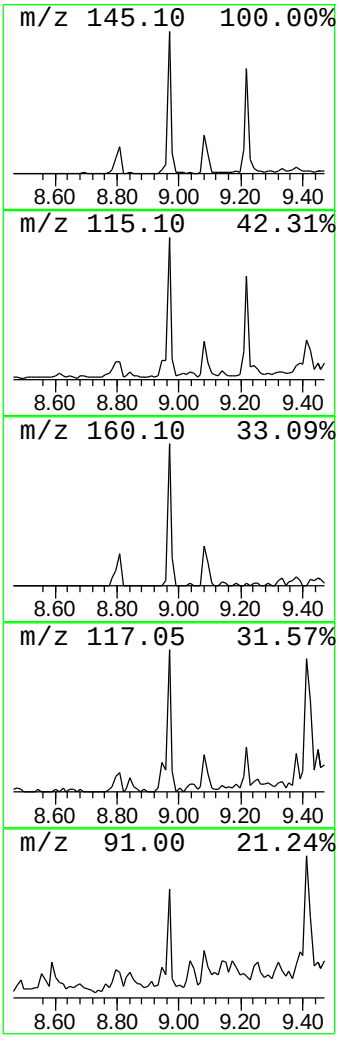
****

Peak Number 4 Ethanone, 1-[4-(1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.29 ng	340140	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	87
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	81
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	58
4	4-Quinolone	145	C9H7NO	1000234-25-1	53
5	Oxazole, 2-phenyl-	145	C9H7NO	020662-88-8	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

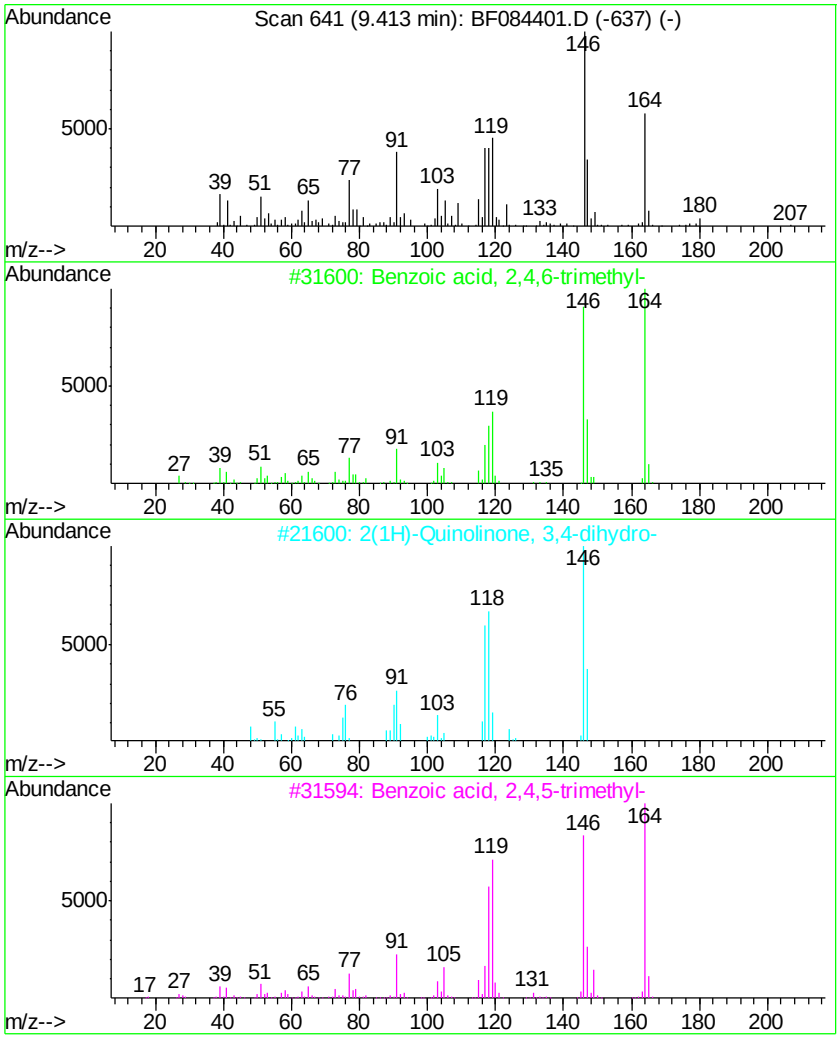
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

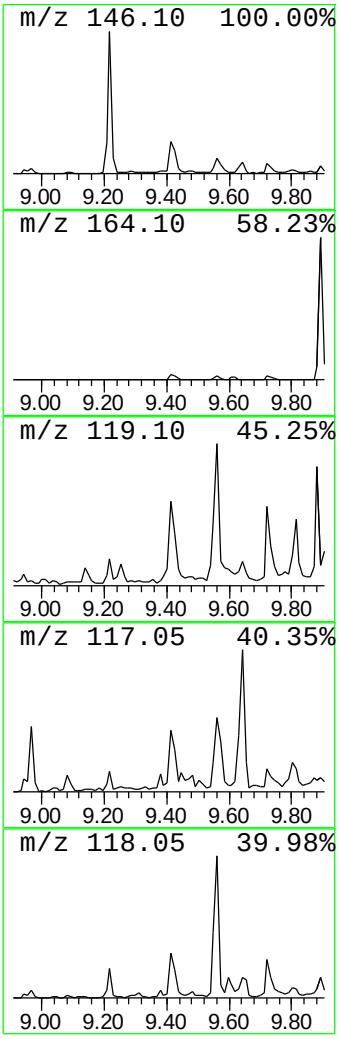
****

Peak Number 5 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.47 ng	535840	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	81
2	2(1H)-Quinolinone, 3,4-dihydro-	147	C9H9NO	000553-03-7	47
3	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	46
4	4-Pteridinecarboxylic acid, 7-me...	218	C10H10N4O2	016008-52-9	38
5	2-Ethyl-2-phenylaziridine	147	C10H13N	000768-82-1	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

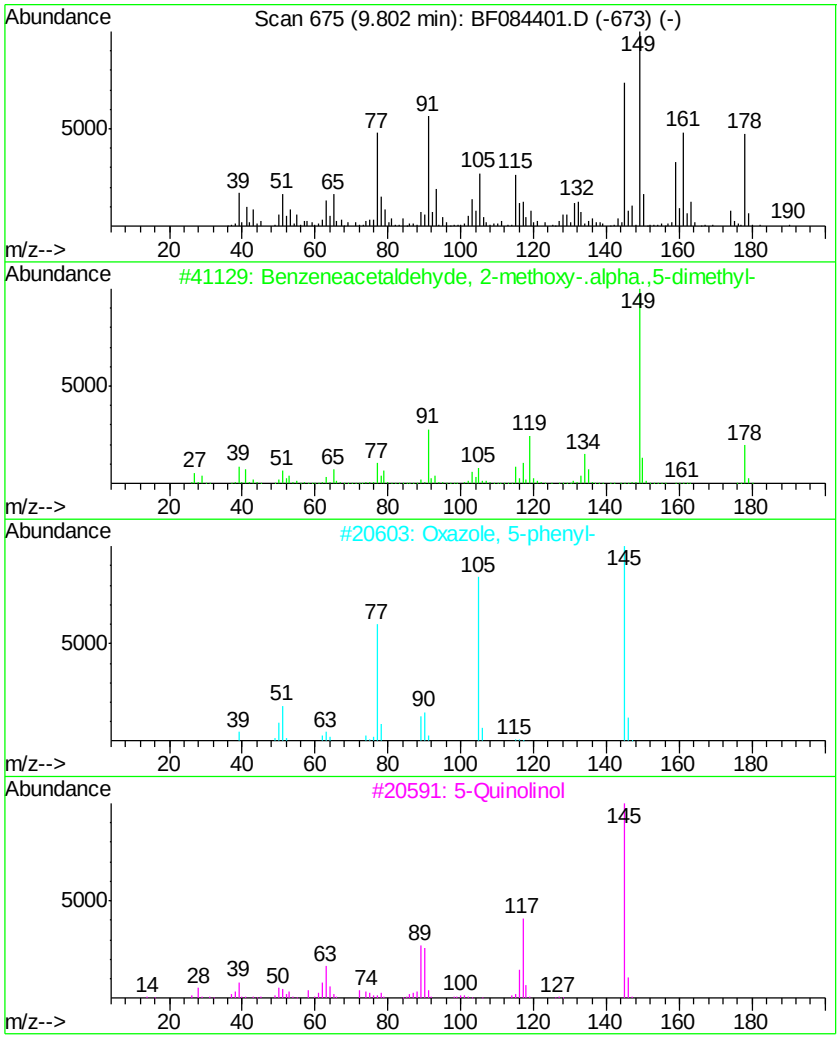
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

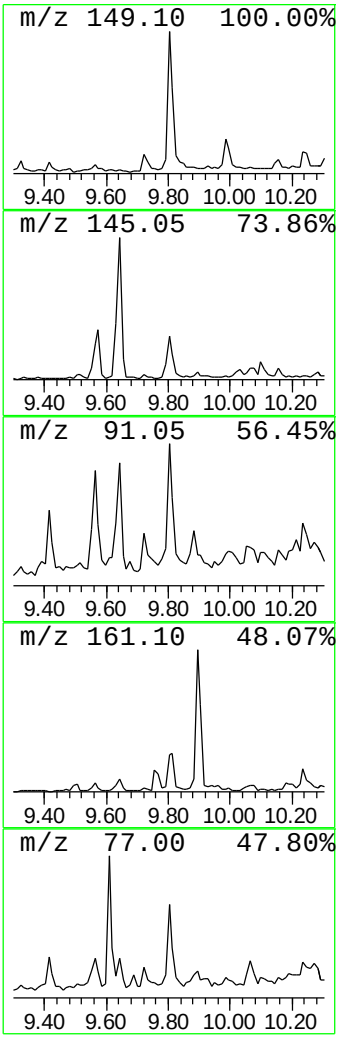
****

Peak Number 6 unknown9.80 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.90 ng	757742	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	38
2	Oxazole, 5-phenyl-	145	C9H7NO	001006-68-4	25
3	5-Quinolinol	145	C9H7NO	000578-67-6	15
4	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	15
5	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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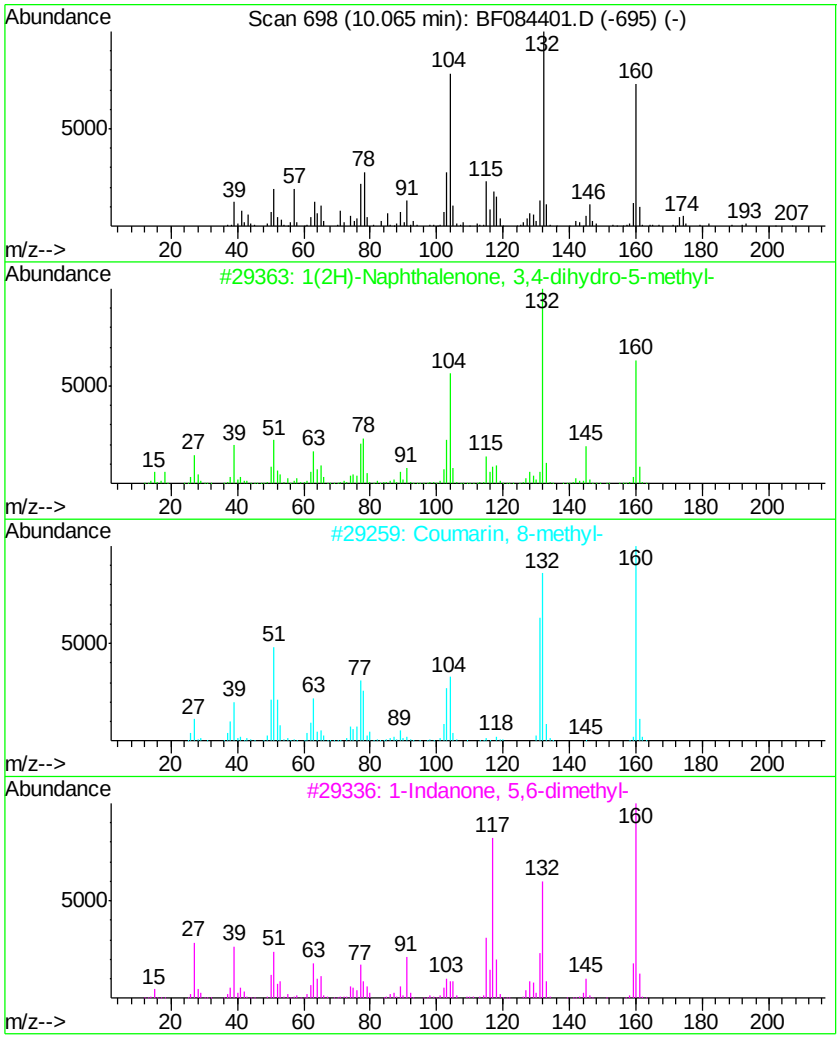
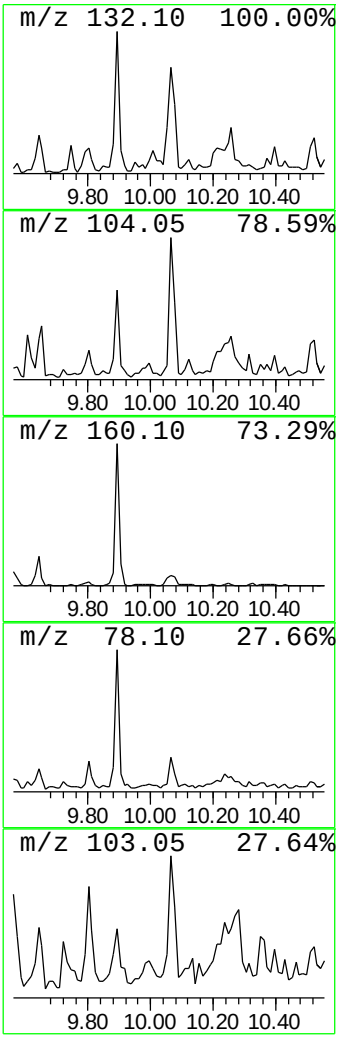
Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.64 ng	407652	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	90
2	Coumarin, 8-methyl-	160	C10H8O2	001807-36-9	64
3	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	60
4	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	55
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	55





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

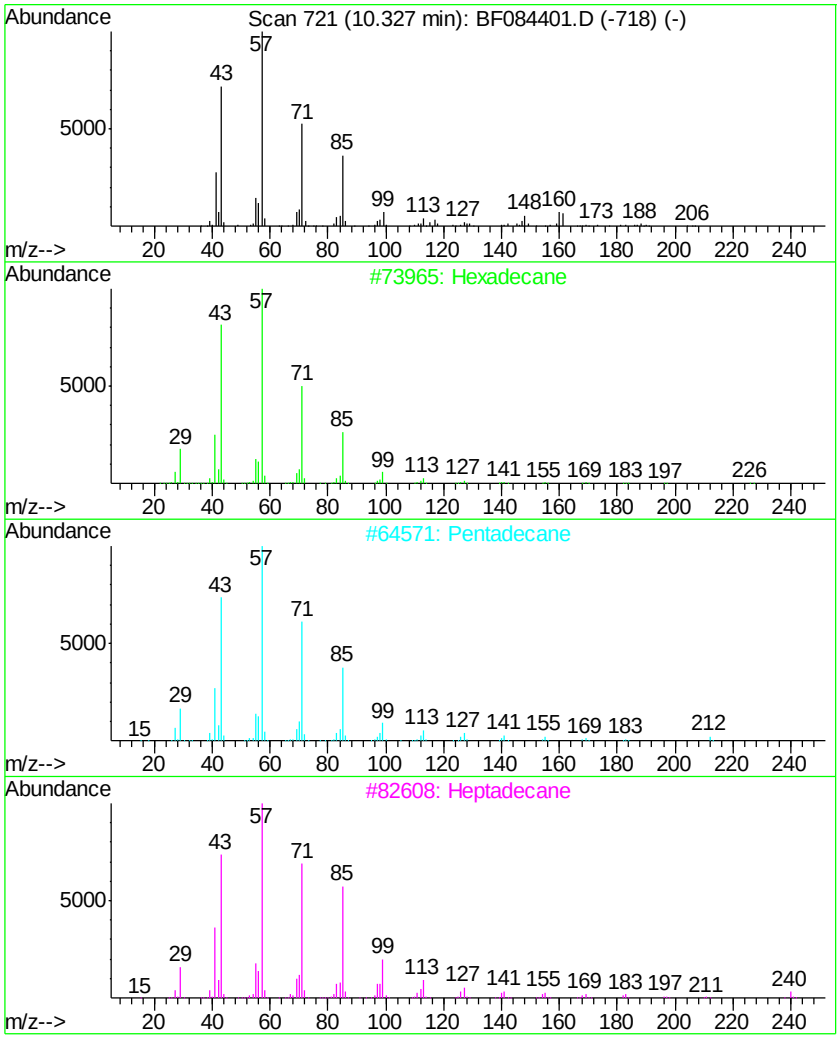
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

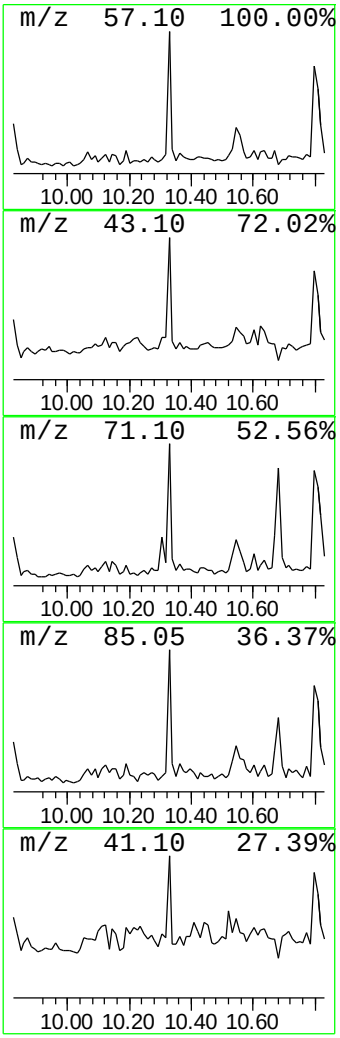
****

Peak Number 8 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.17 ng	336088	Acenaphthene-d10	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Pentadecane	212	C15H32	000629-62-9	72
3	Heptadecane	240	C17H36	000629-78-7	64
4	Eicosane	282	C20H42	000112-95-8	62
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
Data File : BF084401.D
Acq On : 12 Jan 2016 1:50
Operator : SJ/UM
Sample : H1066-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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
2-Pentanone, 4-hy...	5.02	8.6	ng	1009170	1	6.85	2353140	20.0
unknown6.62	6.62	65.4	ng	7698140	1	6.85	2353140	20.0
Ethanone, 1-[4-(1...	8.97	2.3	ng	340140	2	8.14	2974420	20.0
Benzoic acid, 2,4...	9.41	3.5	ng	535840	3	9.89	3091940	20.0
unknown9.80	9.80	4.9	ng	757742	3	9.89	3091940	20.0
1(2H)-Naphthaleno...	10.06	2.6	ng	407652	3	9.89	3091940	20.0
Hexadecane	10.33	2.2	ng	336088	3	9.89	3091940	20.0