LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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	5.081	259	262	265	rBV	628169	712619	8.46%	0.920%
2	5.504	296	299	301	rVB	4801198	4492772	53.31%	5.800%
3	6.533	386	389	391	rBV	3169052	3076231	36.50%	3.971%
4	6.659	397	400	402	rBV	6116274	6604316	78.36%	8.526%
5	6.830	412	415	418	rBV2	66647	135279	1.61%	0.175%
6	6.887	418	420	425	rVV	2027393	1840726	21.84%	2.376%
7	7.047	431	434	436	rVB	6915701	6428192	76.28%	8.299%
8	7.242	447	451	453	rBV2	85518	188673	2.24%	0.244%
9	7.287	453	455	459	rVV4	95368	173230	2.06%	0.224%
10	7.413	464	466	467	rBV2	84464	137101	1.63%	0.177%
11	7.459	467	470	472	rVV	5382651	5808094	68.92%	7.498%
12	7.539	475	477	479	rBV2	211186	225693	2.68%	0.291%
13	7.573	479	480	483	rVB3	121185	106688	1.27%	0.138%
14	7.642	483	486	488	rBV2	174418	221415	2.63%	0.286%
15	7.699	490	491	494	rVB2	181759	226047	2.68%	0.292%
16	7.756	494	496	500	rBV3	82330	153876	1.83%	0.199%
17	7.847	500	504	506	rBV3	141780	314723	3.73%	0.406%
18	7.916	506	510	514	rBV4	191079	457037	5.42%	0.590%
19	7.985	514	516	517	rBV2	105007	128005	1.52%	0.165%
20	8.087	522	525	526	rBV2	111523	158893	1.89%	0.205%
21	8.179	530	533	535	rBV	2652625	2630481	31.21%	3.396%
22	8.225	535	537	540	rVB3	108878	104352	1.24%	0.135%
23	8.270	540	541	545	rBV4	96013	241766	2.87%	0.312%
24	8.350	545	548	550	rBV3	186161	334614	3.97%	0.432%
25	8.396	550	552	553	rVV2	71352	103335	1.23%	0.133%
26	8.465	556	558	561	rVB4	188117	197956	2.35%	0.256%
27	8.522	561	563	564	rBV	233371	298938	3.55%	0.386%
28	8.556	564	566	568	rVB2	248040	358664	4.26%	0.463%
29	8.625	568	572	573	rBV3	151799	344374	4.09%	0.445%
30	8.659	573	575	578	rVB3	269985	392369	4.66%	0.507%
31	8.716	578	580	581	rBV2	271619	437849	5.20%	0.565%
32	8.739	581	582	584	rVB	472469	440236	5.22%	0.568%
33	8.796	584	587	590	rBV5	102236	259801	3.08%	0.335%
34	8.956	597	601	604	rBV5	308796	672851	7.98%	0.869%

LSC Area Percent Report

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Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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	9.025	604	607	611	rBV5	166834	420350	4.99%	0.543%
36	9.082	611	612	615	rBV2	117395	253625	3.01%	0.327%
37	9.219	621	624	625	rBV3	220992	463355	5.50%	0.598%
38	9.253	625	627	629	rVV	6677785	8427636	100.00%	10.880%
39	9.288	629	630	631	rVB	423680	290644	3.45%	0.375%
40	9.379	635	638	639	rBV3	191798	351756	4.17%	0.454%
41	9.448	642	644	646	rVB3	245785	274150	3.25%	0.354%
42	9.528	649	651	652	rBV	93742	90920	1.08%	0.117%
43	9.596	655	657	658	rVB2	461387	364425	4.32%	0.470%
44	9.630	658	660	661	rBV2	92244	121818	1.45%	0.157%
45	9.653	661	662	665	rVB	228961	208866	2.48%	0.270%
46	9.722	665	668	669	rBV2	358898	548900	6.51%	0.709%
47	9.790	672	674	679	rVB3	460999	679552	8.06%	0.877%
48	9.928	683	686	689	rBV	1889675	2916440	34.61%	3.765%
49	10.202	708	710	712	rBV2	193656	271013	3.22%	0.350%
50	10.248	712	714	716	rVV	595694	901289	10.69%	1.164%
51	10.293	716	718	719	rVV	1040297	976050	11.58%	1.260%
52	10.362	722	724	728	rVB4	256552	472125	5.60%	0.610%
53	10.430	728	730	732	rBV2	320007	455661	5.41%	0.588%
54	10.591	740	744	745	rVB2	344311	434376	5.15%	0.561%
55	10.682	750	752	753	rBV2	257898	410201	4.87%	0.530%
56	10.728	753	756	758	rVV	5311936	5793166	68.74%	7.479%
57	10.785	759	761	764	rVB	202190	306681	3.64%	0.396%
58	10.842	764	766	770	rVB4	212033	417603	4.96%	0.539%
59	10.911	770	772	774	rBV2	133244	241143	2.86%	0.311%
60	11.025	779	782	783	rBV	99563	176729	2.10%	0.228%
61	11.059	783	785	789	rVB4	121606	197285	2.34%	0.255%
62	11.288	802	805	807	rBV3	133636	196827	2.34%	0.254%
63	11.413	814	816	818	rVB	2106462	1996356	23.69%	2.577%
64	11.471	818	821	825	rVB5	70975	144018	1.71%	0.186%
65	11.631	833	835	837	rBV	277341	257670	3.06%	0.333%
66	11.802	848	850	852	rVB2	131675	201213	2.39%	0.260%
67	12.785	934	936	938	rBV	225456	219260	2.60%	0.283%
68	12.888	943	945	948	rVV	547737	681619	8.09%	0.880%
69	13.002	952	955	958	rBV	5828228	5861699	69.55%	7.568%
70	13.791	1022	1024	1029	rVB	99171	132753	1.58%	0.171%
71	14.054	1044	1047	1049	rBV	1477463	1476372	17.52%	1.906%

LSC Area Percent Report

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Sample : G4990-12
Misc :
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Instrument : BNA_F
ClientSampleId : W-38

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

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

72	15.494	1170	1173	1176	rBV	1091684	1417174	16.82%	1.830%

Sum of corrected areas: 77457916

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084268.D
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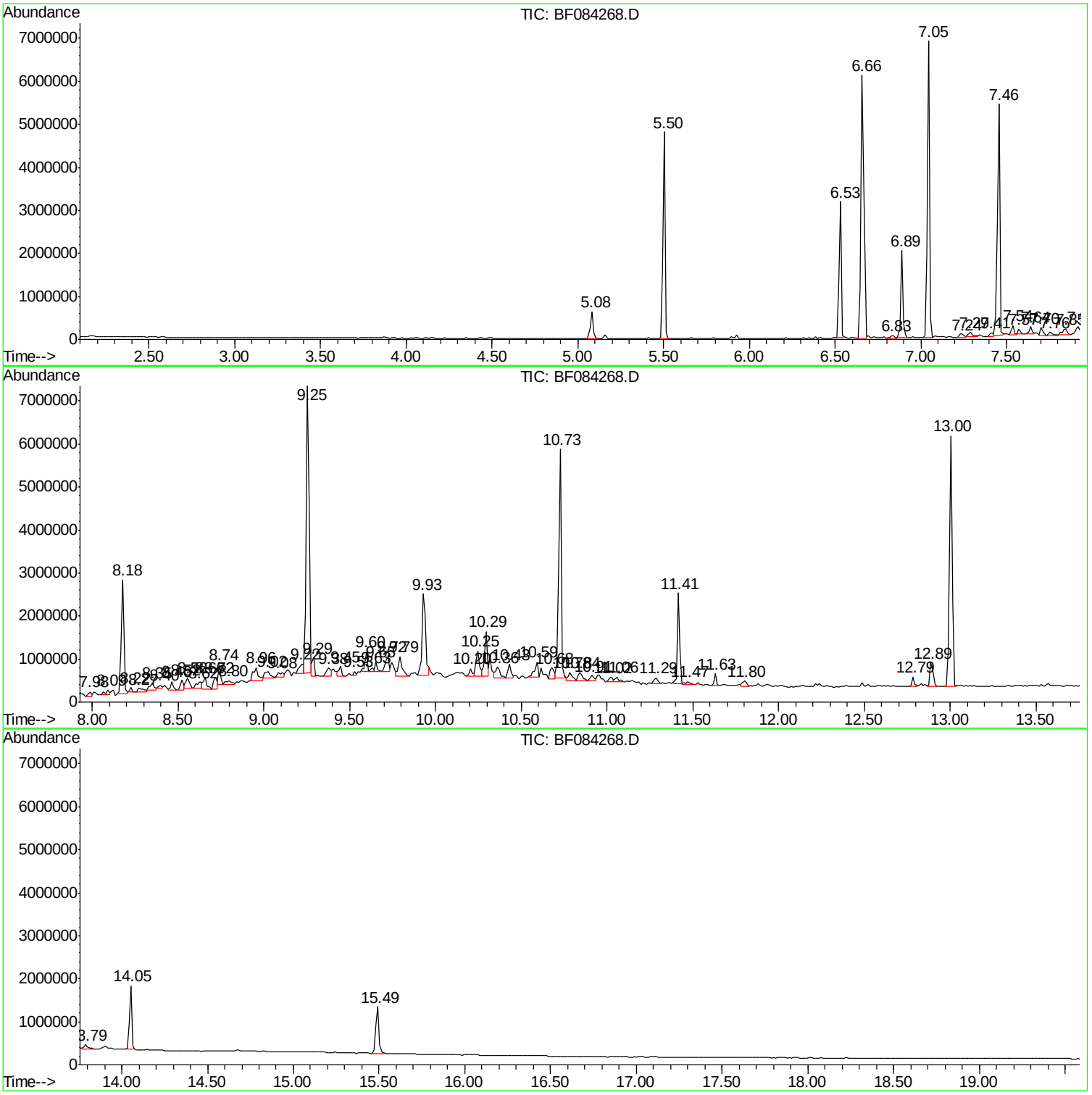
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

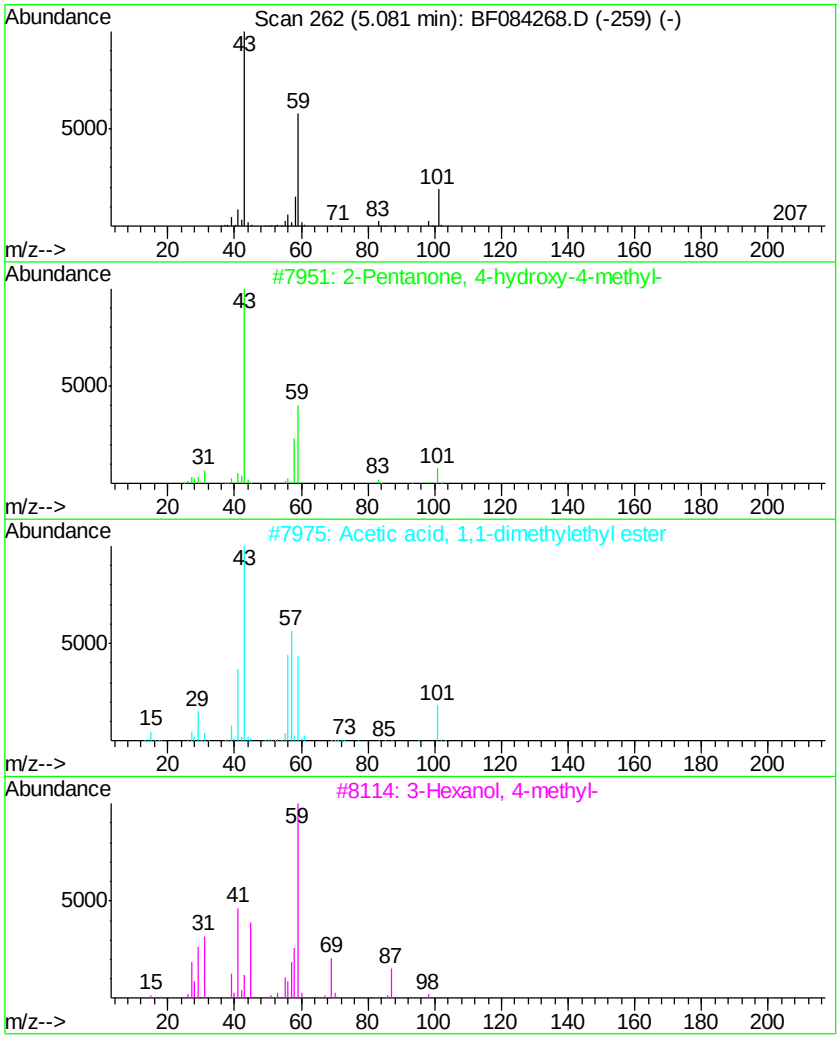
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

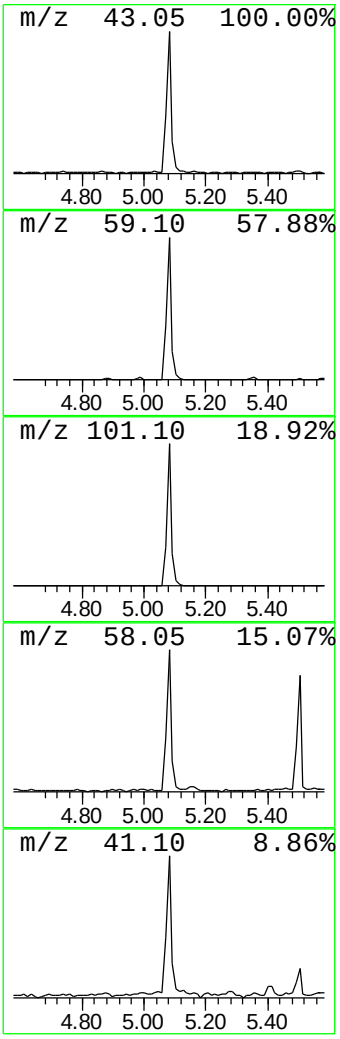
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	7.74 ng	712619	1,4-Dichlorobenzene-d4	6.89

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	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

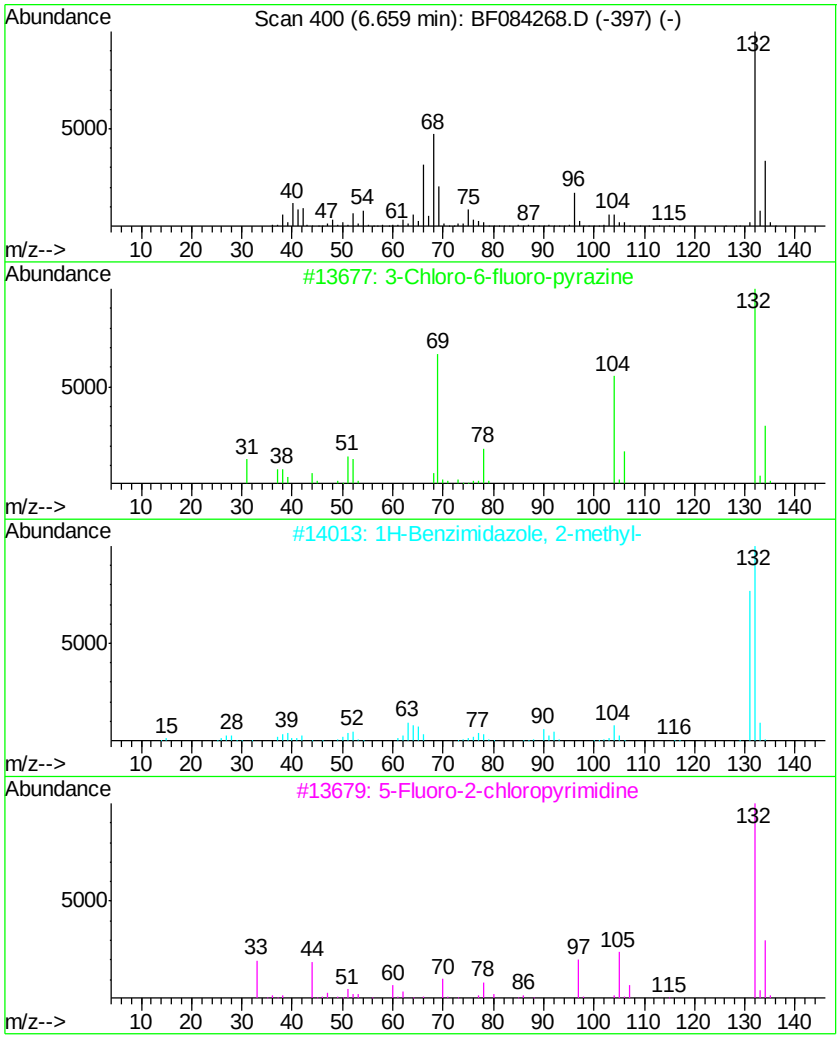
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

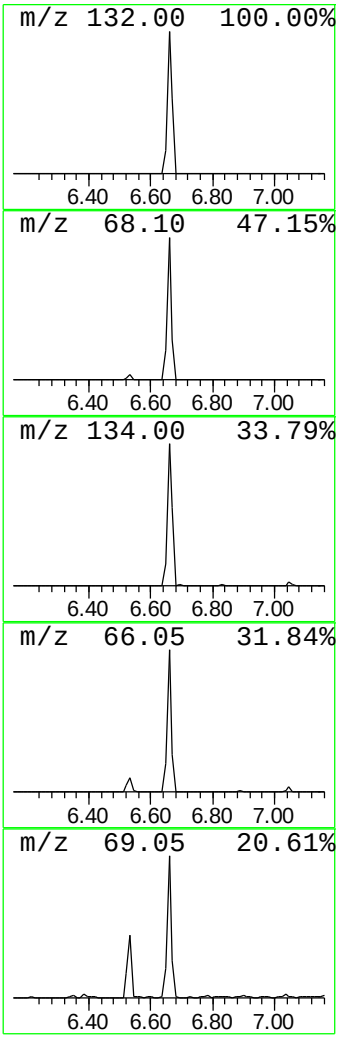
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	71.76 ng	6604320	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

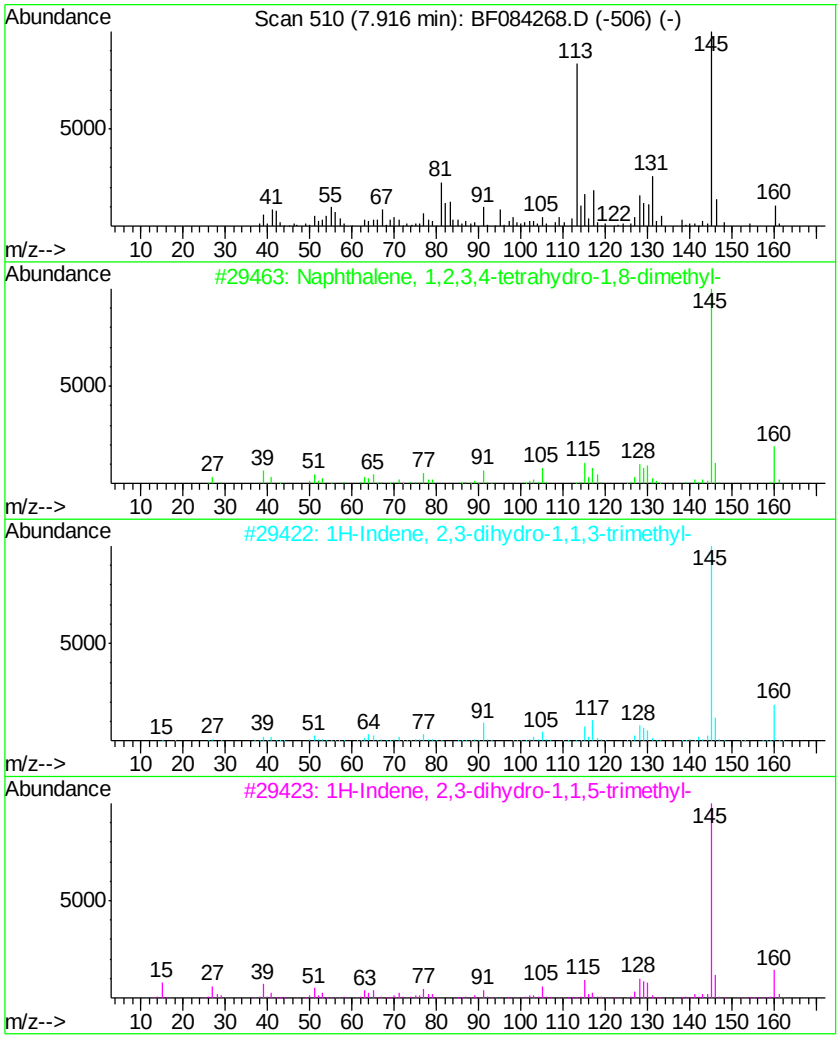
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

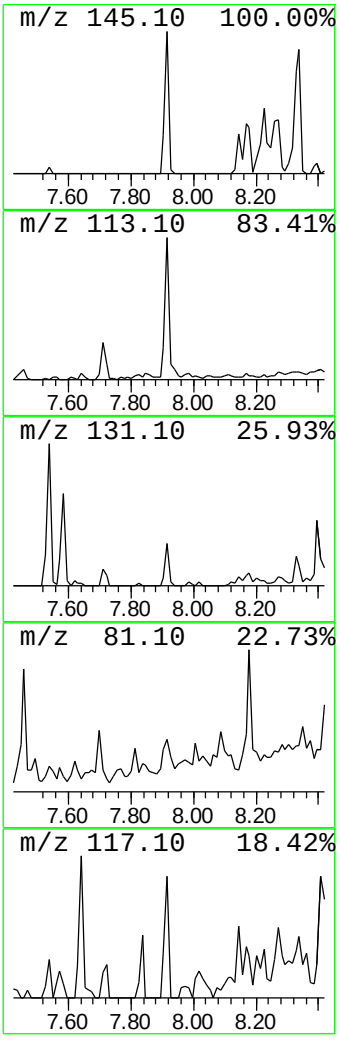
****

Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.47 ng	457037	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	70
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
4	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	50
5	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	50





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

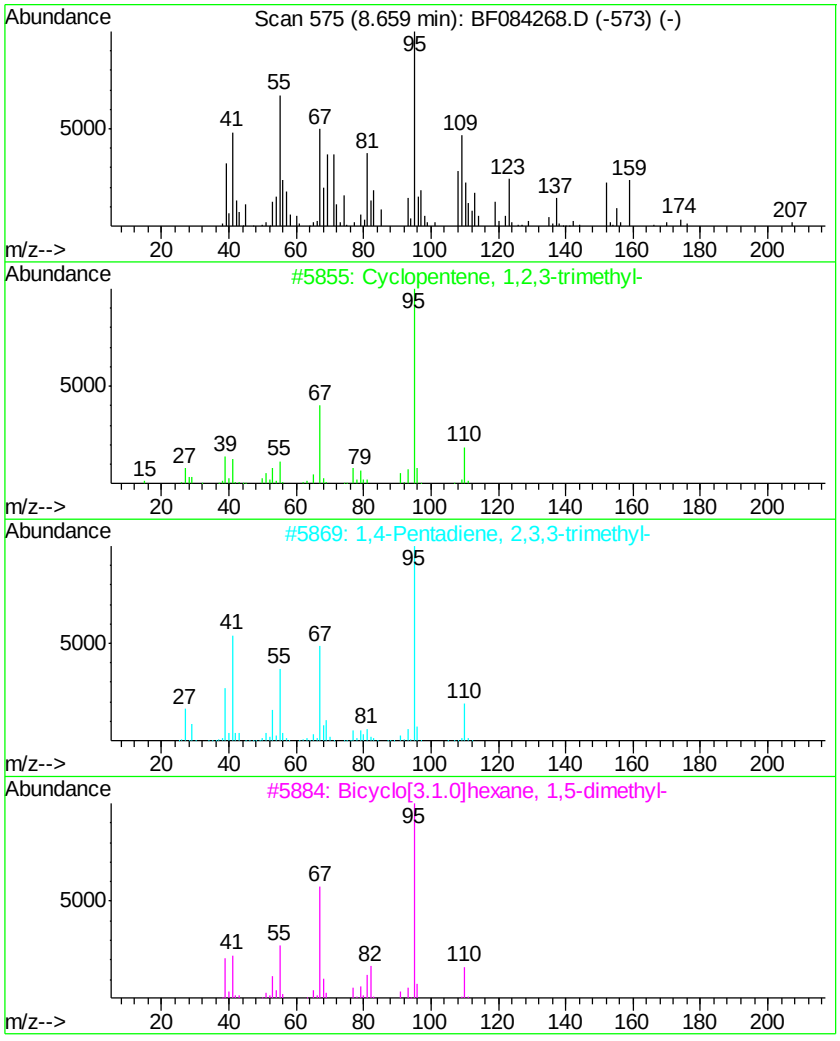
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

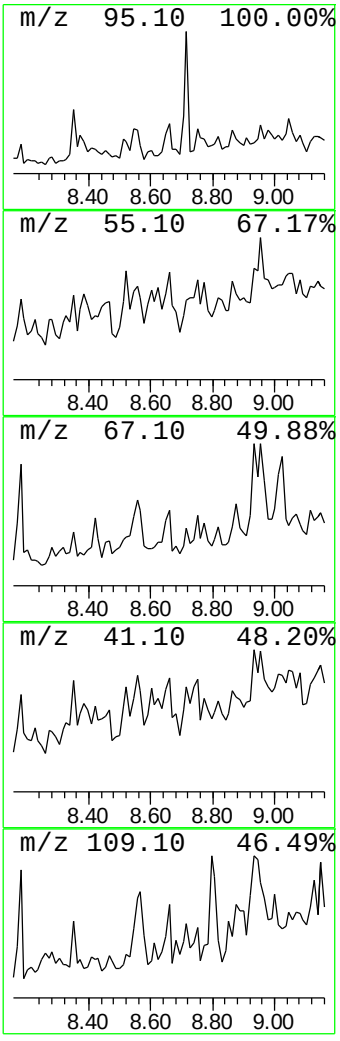
****

Peak Number 5 unknown8.66 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	2.98 ng	392369	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	43
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
5	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	38





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Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

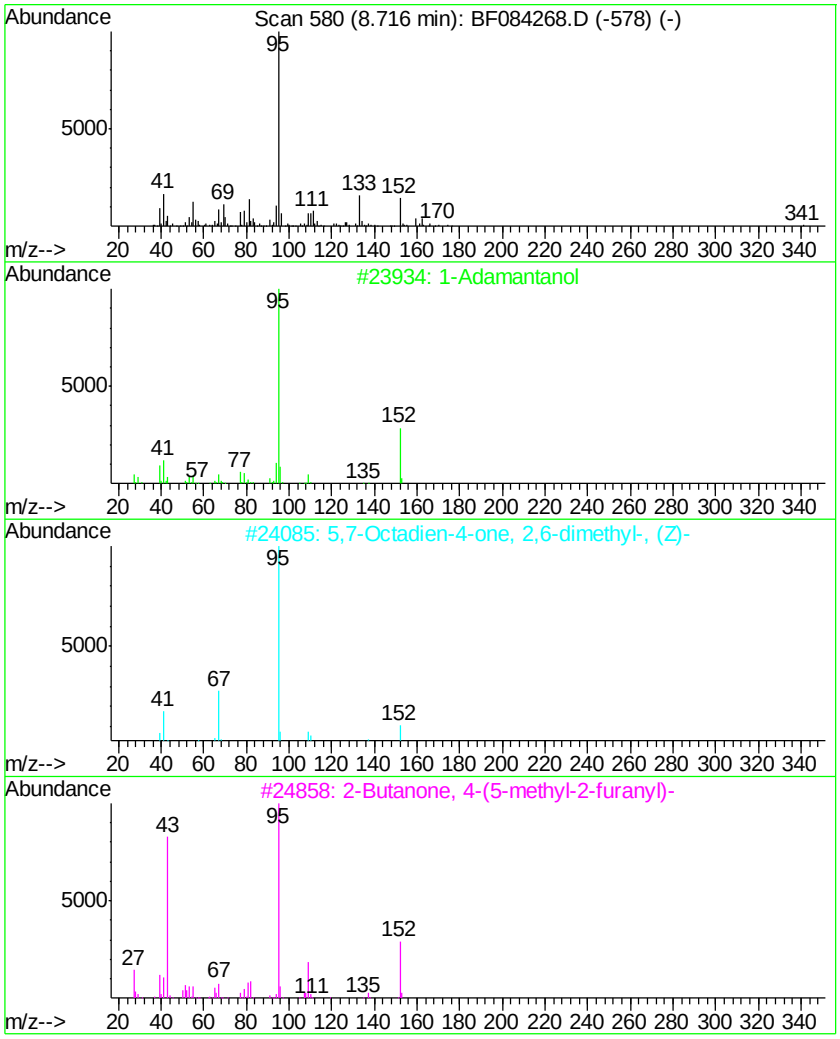
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

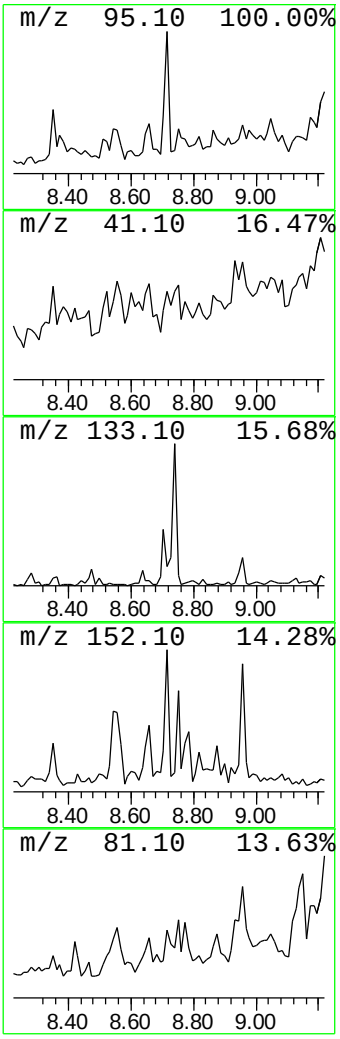
****

Peak Number 6 1-Adamantanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	3.33 ng	437849	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	68
2	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	59
3	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	53
4	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	50
5	2-Furancarboxylic acid, 2-propen...	152	C8H8O3	004208-49-5	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

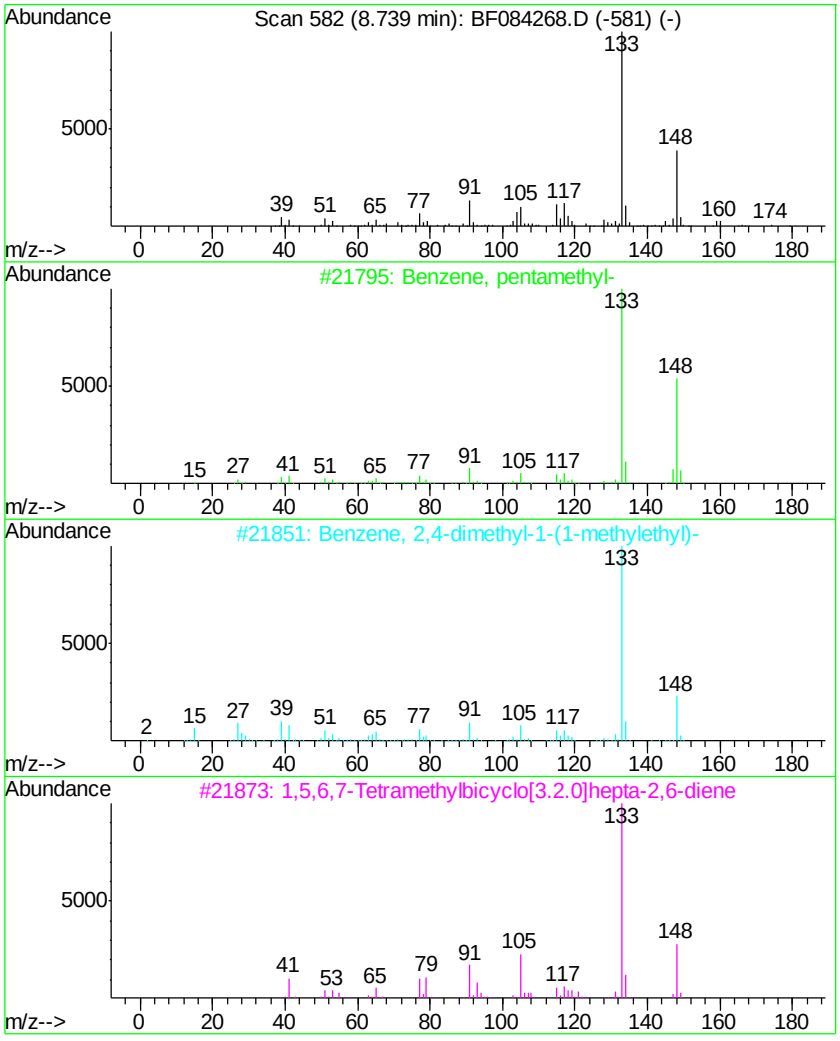
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

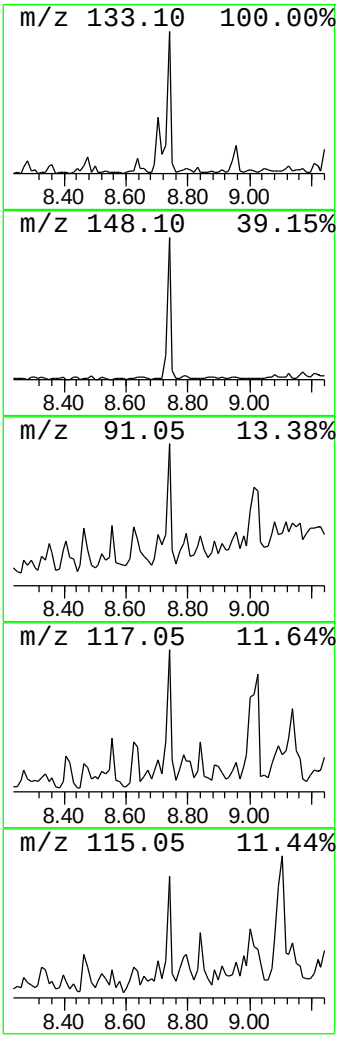
****

Peak Number 7 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.35 ng	440236	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	87
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	86





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Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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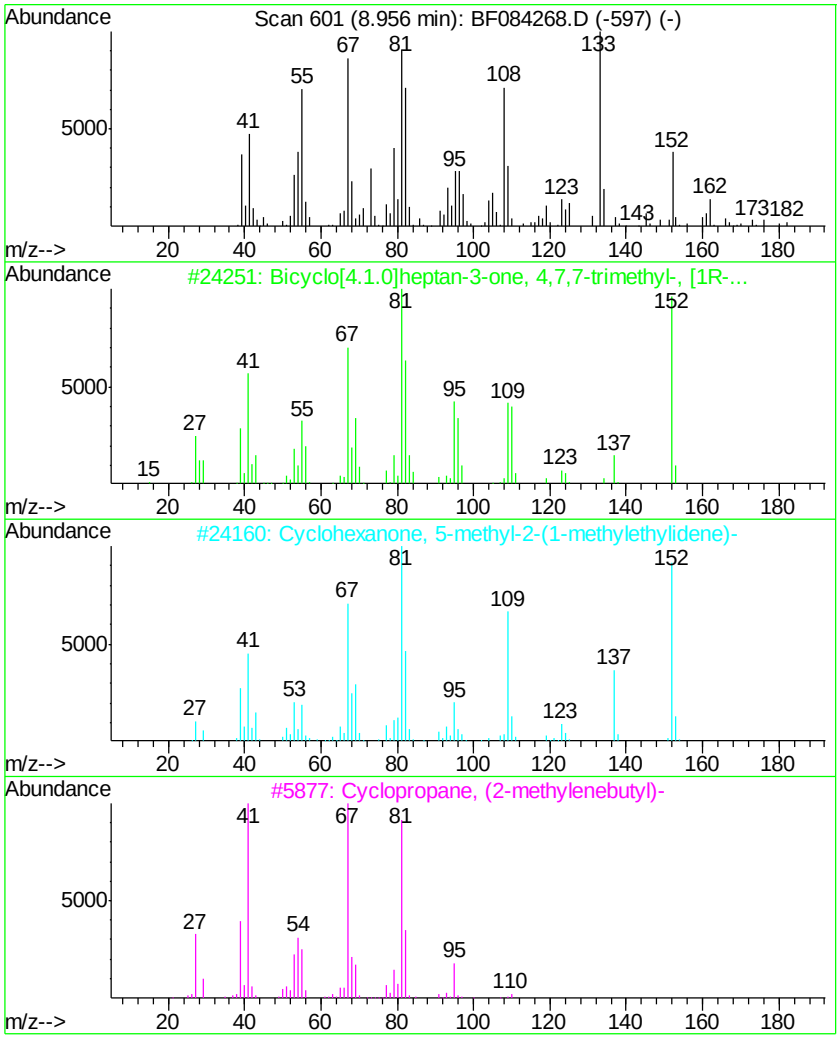
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

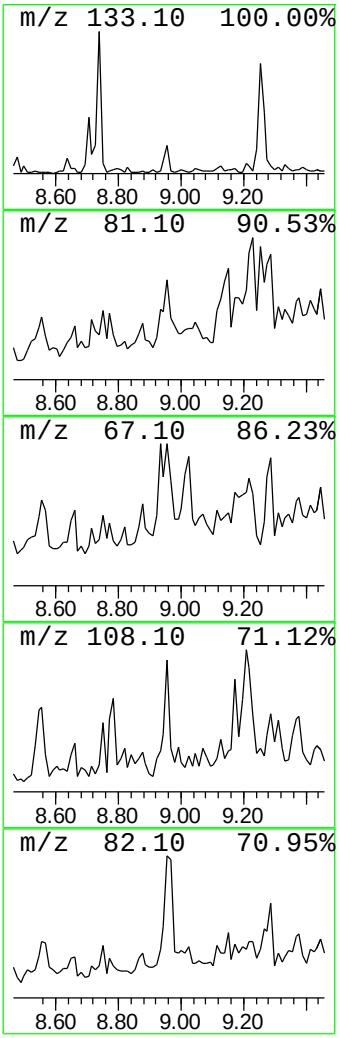
****

Peak Number 8 unknown8.96 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	5.12 ng	672851	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	49
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46
3	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	46
4	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	45
5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	43





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Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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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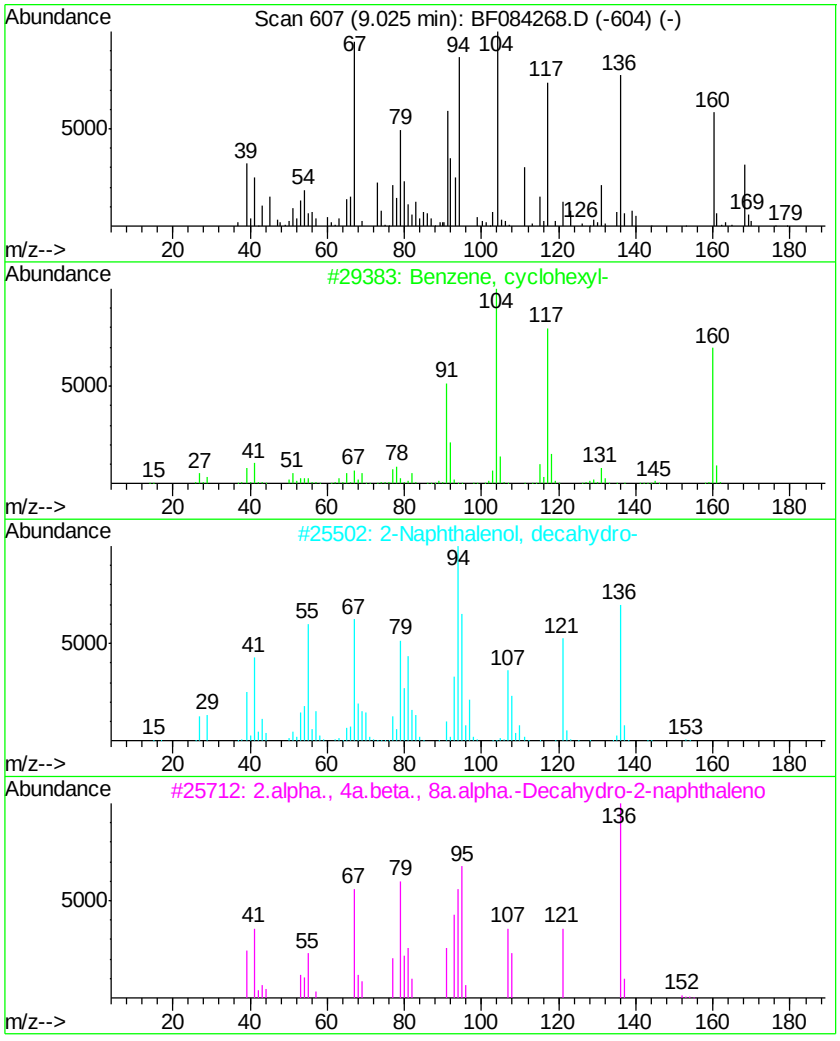
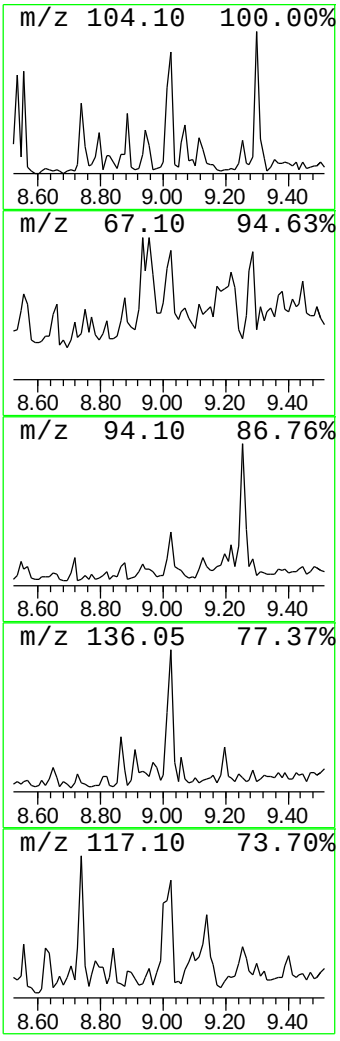
Peak Number 9 unknown9.02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.20 ng	420350	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	38
2	2-Naphthalenol, decahydro-	154	C10H18O	000825-51-4	22
3	2.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	005779-35-1	22
4	5,6,7,8,9,10-Hexahydrobenzocyclo...	160	C12H16	001076-69-3	22
5	Hex-1-enylbenzene	160	C12H16	000828-15-9	16





Library Search Compound Report

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Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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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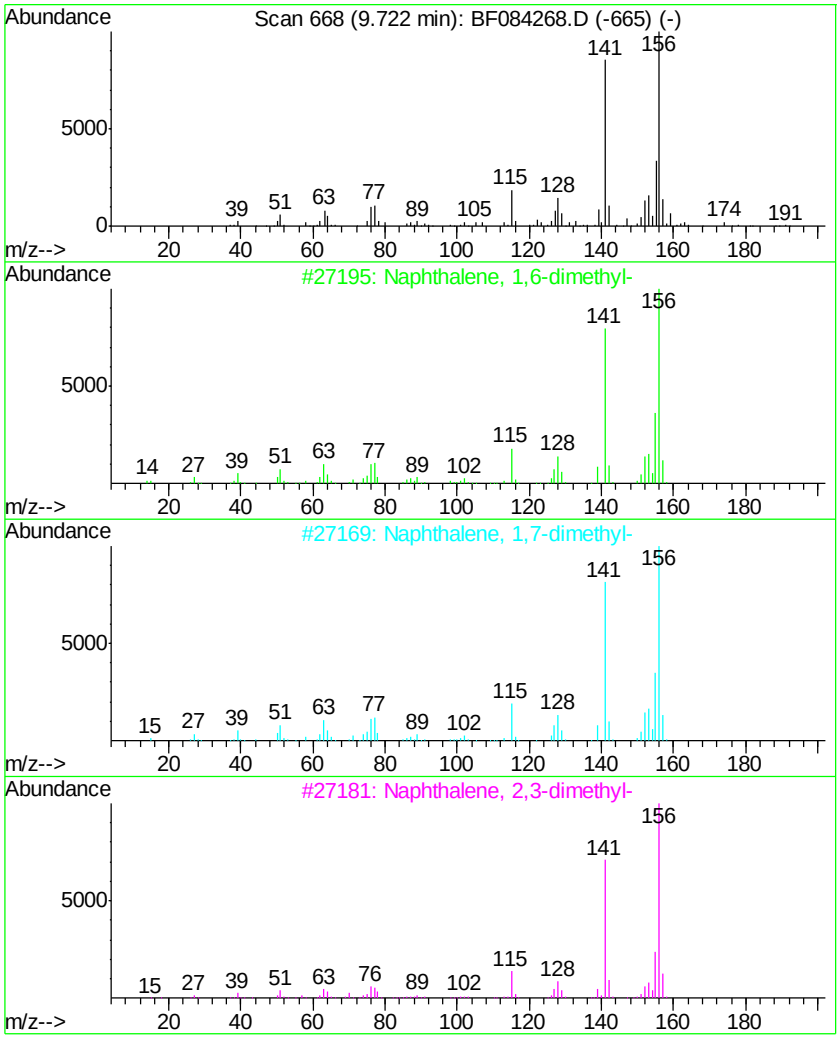
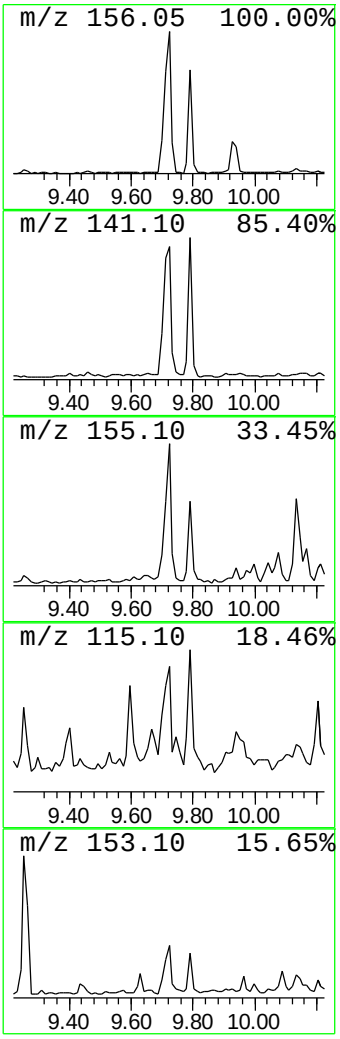
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.76 ng	548900	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Instrument : BNA_F
ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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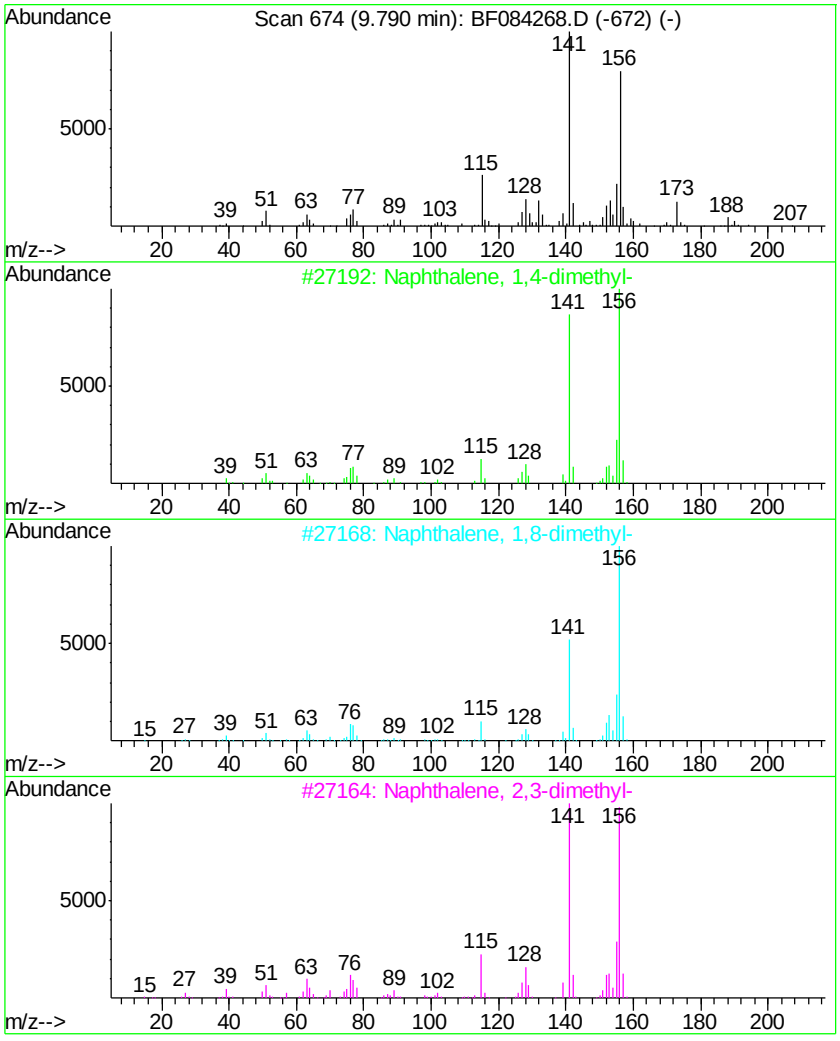
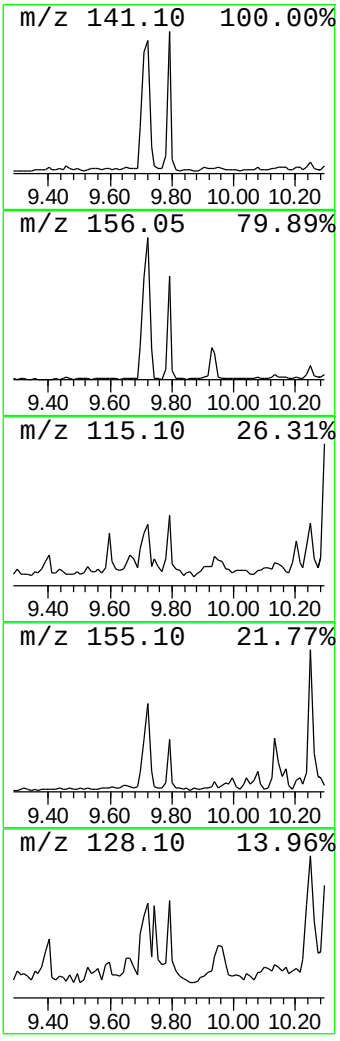
Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.66 ng	679552	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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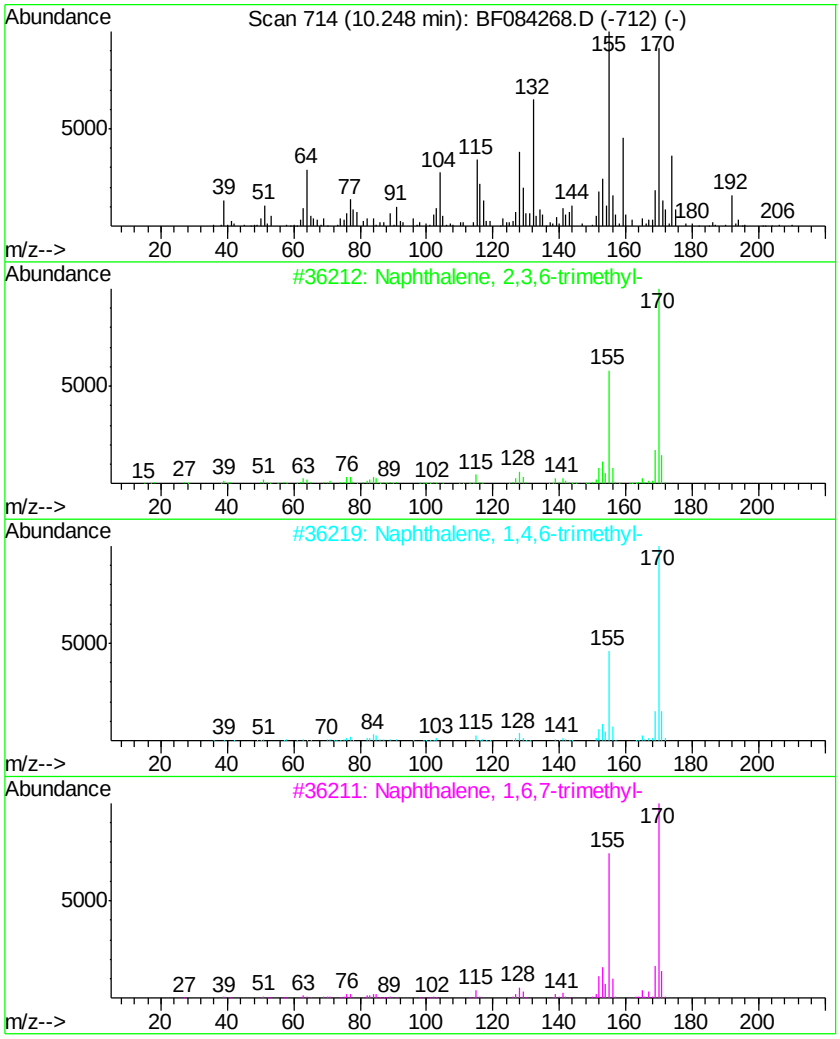
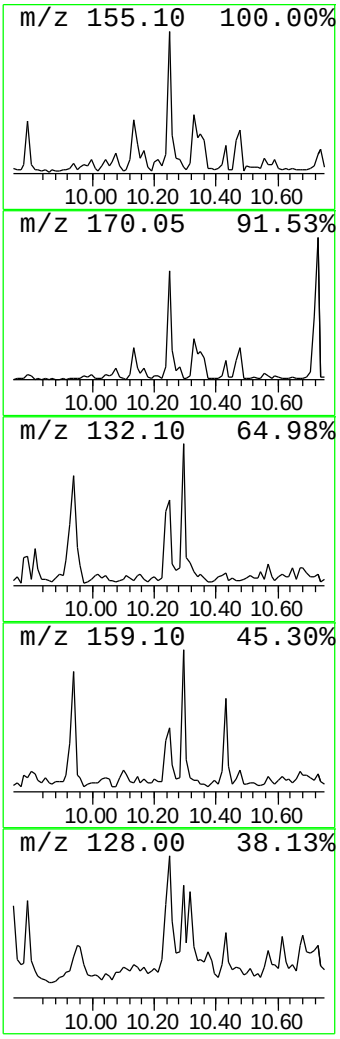
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	6.18 ng	901289	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5	2,5-Cyclohexadien-1-one, 4,4-dim...	198	C14H14O	055162-56-6	58





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Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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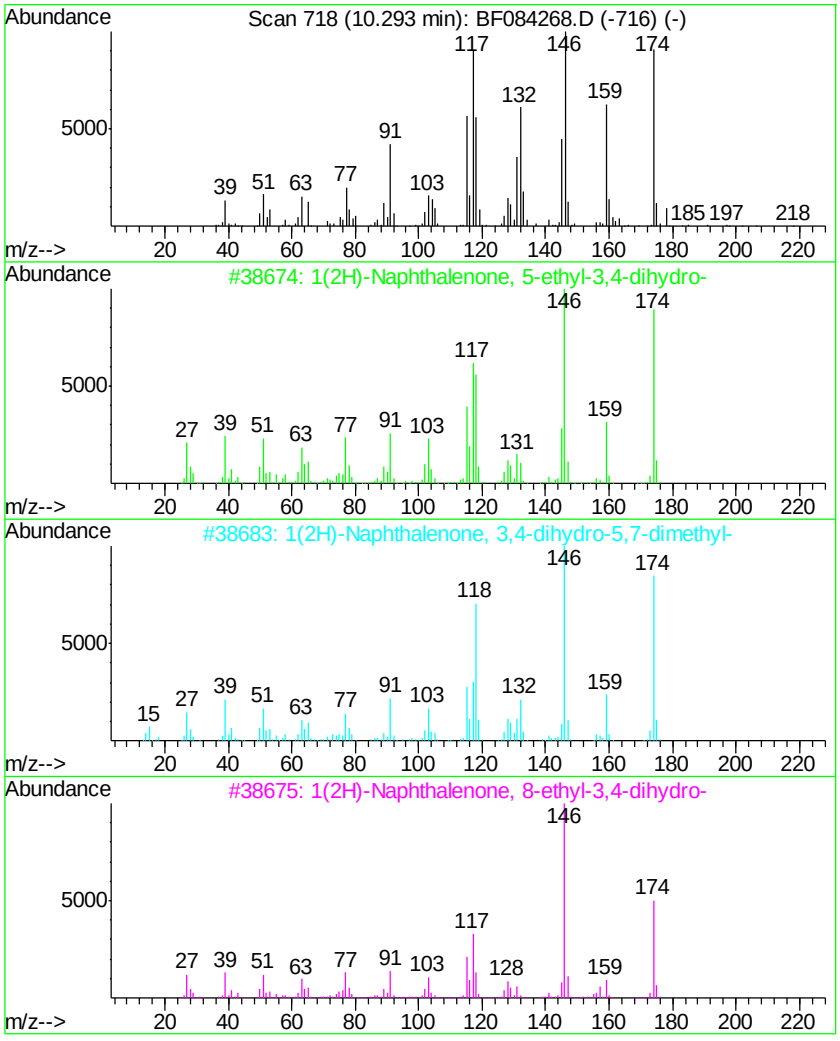
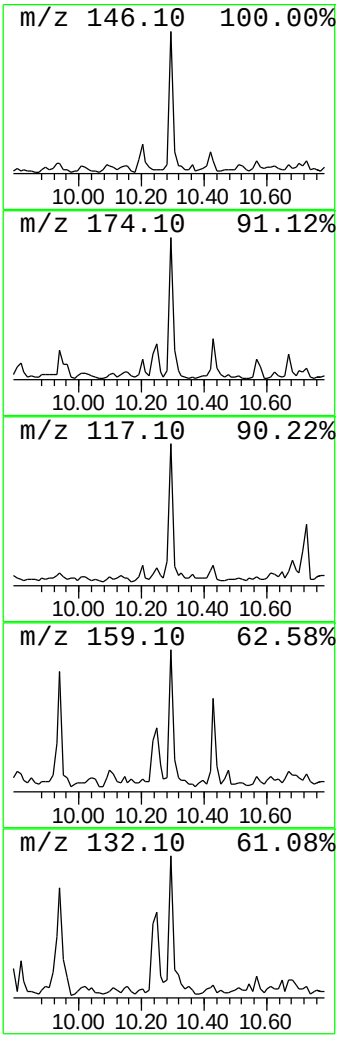
Peak Number 13 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	6.69 ng	976050	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	92
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	013621-25-5	70
3	1(2H)-Naphthalenone, 8-ethyl-3,4...	174	C12H14O	051015-33-9	62
4	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	56





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ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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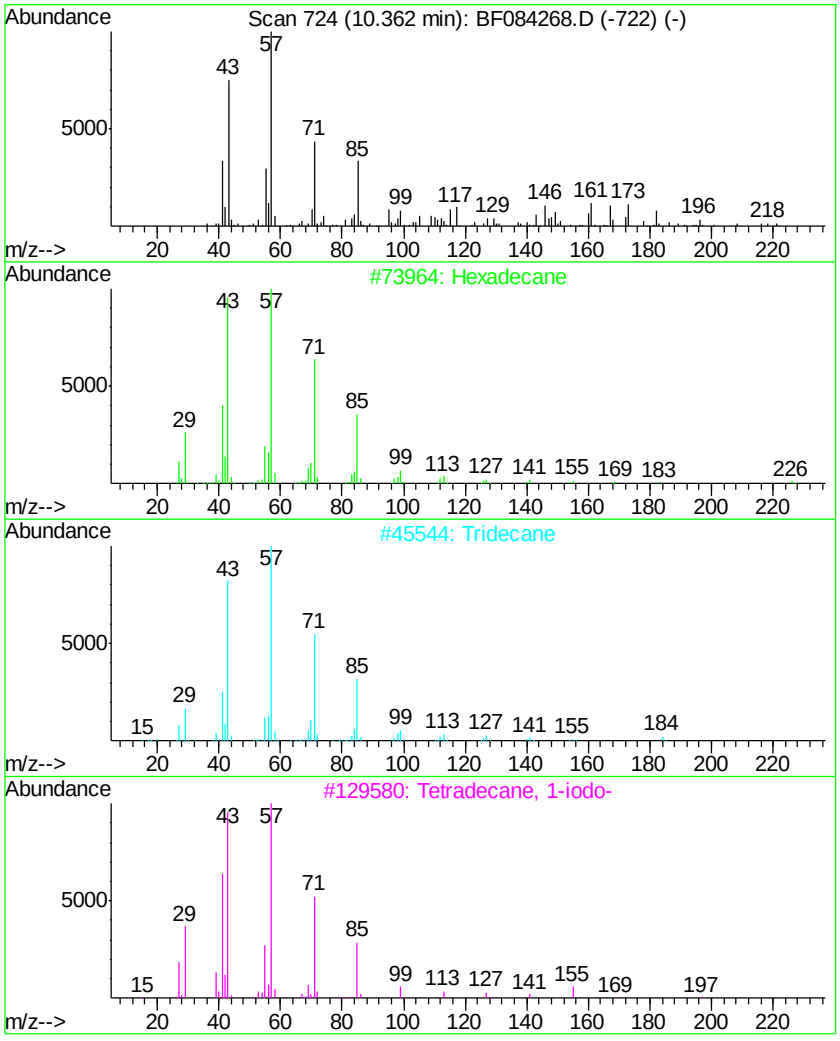
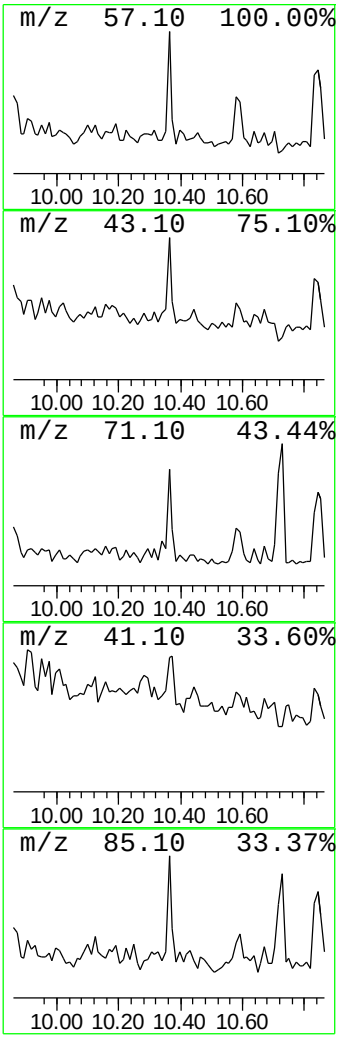
Peak Number 14 unknown10.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.24 ng	472125	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Tridecane	184	C13H28	000629-50-5	46
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46
4	Undecane	156	C11H24	001120-21-4	43
5	Eicosane	282	C20H42	000112-95-8	43





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Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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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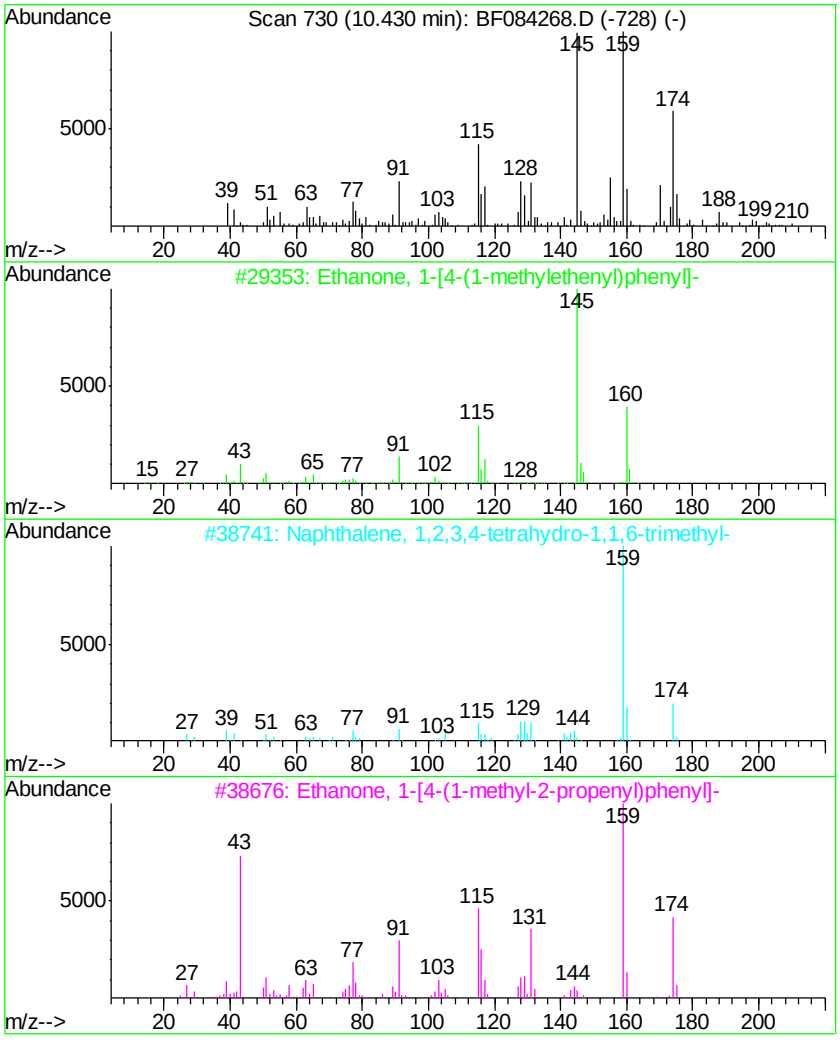
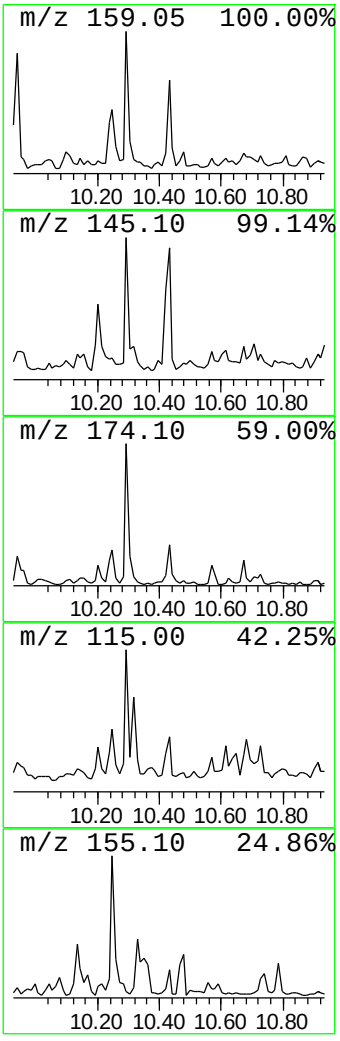
Peak Number 15 Ethanone, 1-[4-(1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.12 ng	455661	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	83
3	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	45
5	2,5,8-Trimethyl-1,2,3,4-tetrahyd...	174	C13H18	068269-15-8	43





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Sample : G4990-12
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Instrument : BNA_F
ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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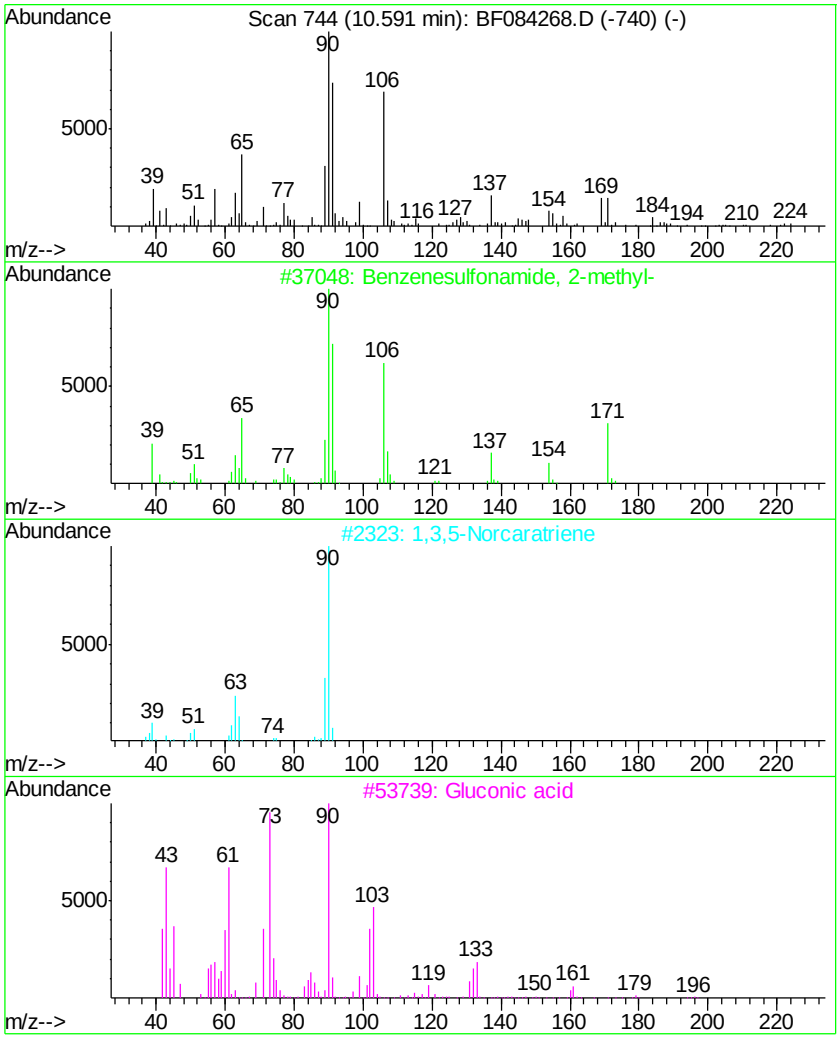
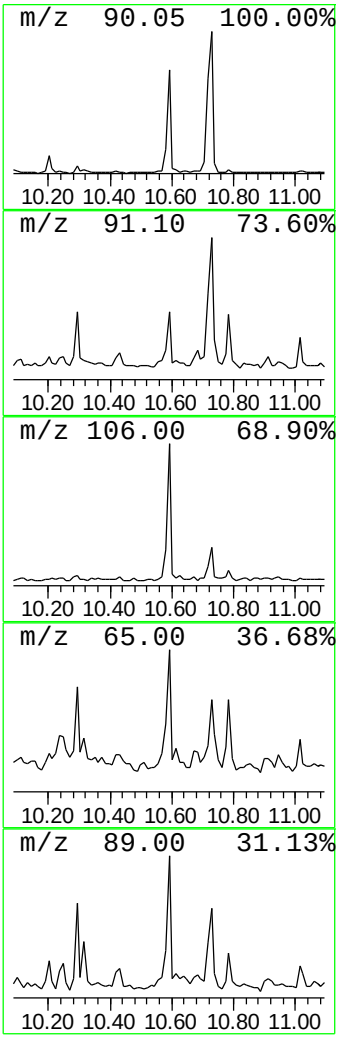
Peak Number 16 Benzenesulfonamide, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.98 ng	434376	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	90
2	1,3,5-Norcaratriene	90	C7H6	004646-69-9	59
3	Gluconic acid	196	C6H12O7	000526-95-4	58
4	Benzyl cyanoformate	161	C9H7NO2	005532-86-5	38
5	1H-1,2,3-Triazol-1-amine, 4,5-di...	200	C11H12N4	113261-25-9	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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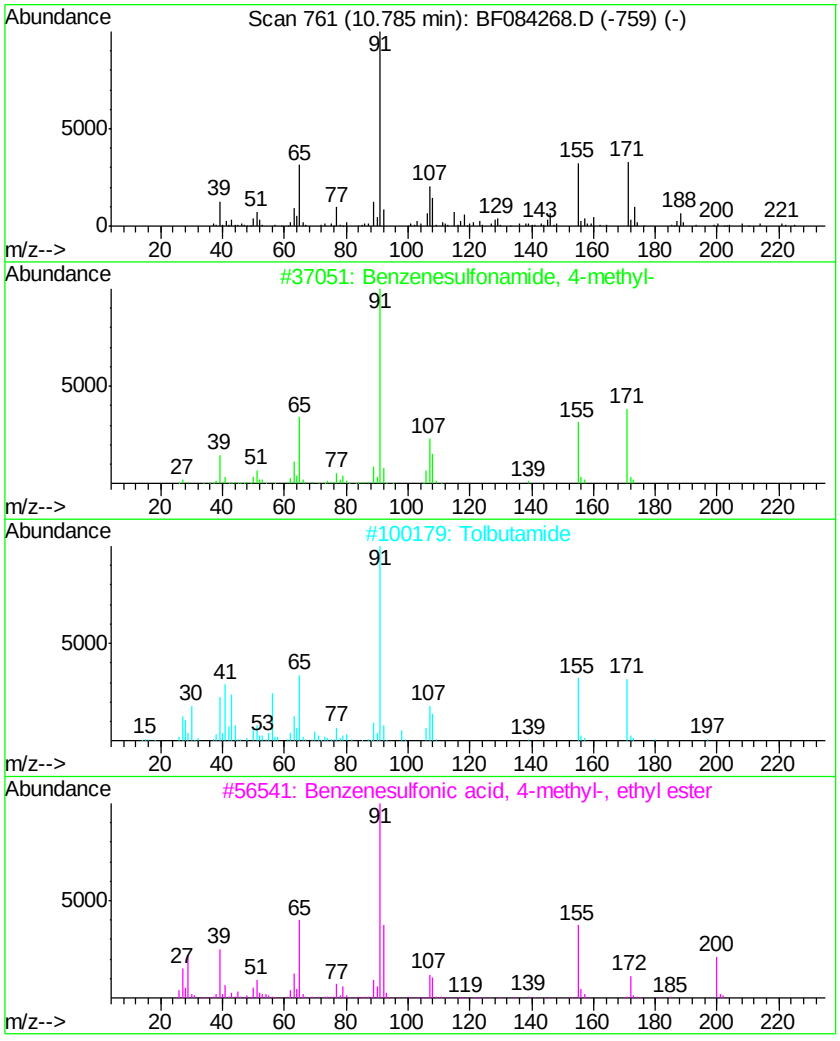
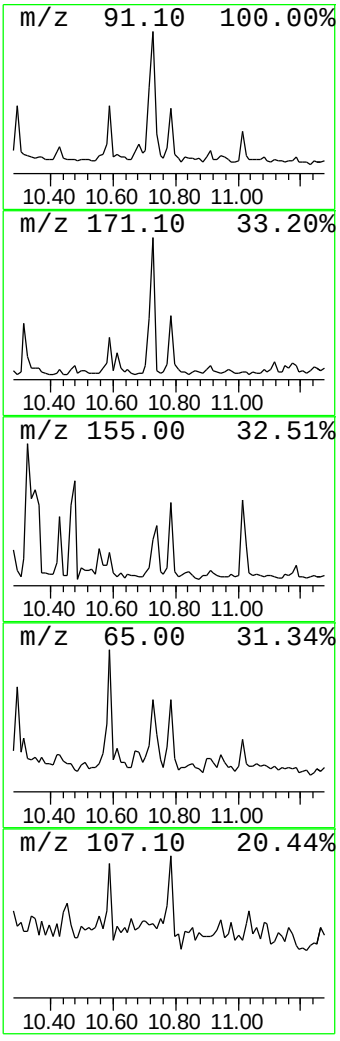
Peak Number 17 Benzenesulfonamide, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.07 ng	306681	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	96
2	Tolbutamide	270	C12H18N2O3S	000064-77-7	72
3	Benzenesulfonic acid, 4-methyl-,...	200	C9H12O3S	000080-40-0	64
4	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	59
5	Dibenzyl phosphite	262	C14H15O3P	017176-77-1	47





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ClientSampleId : W-38

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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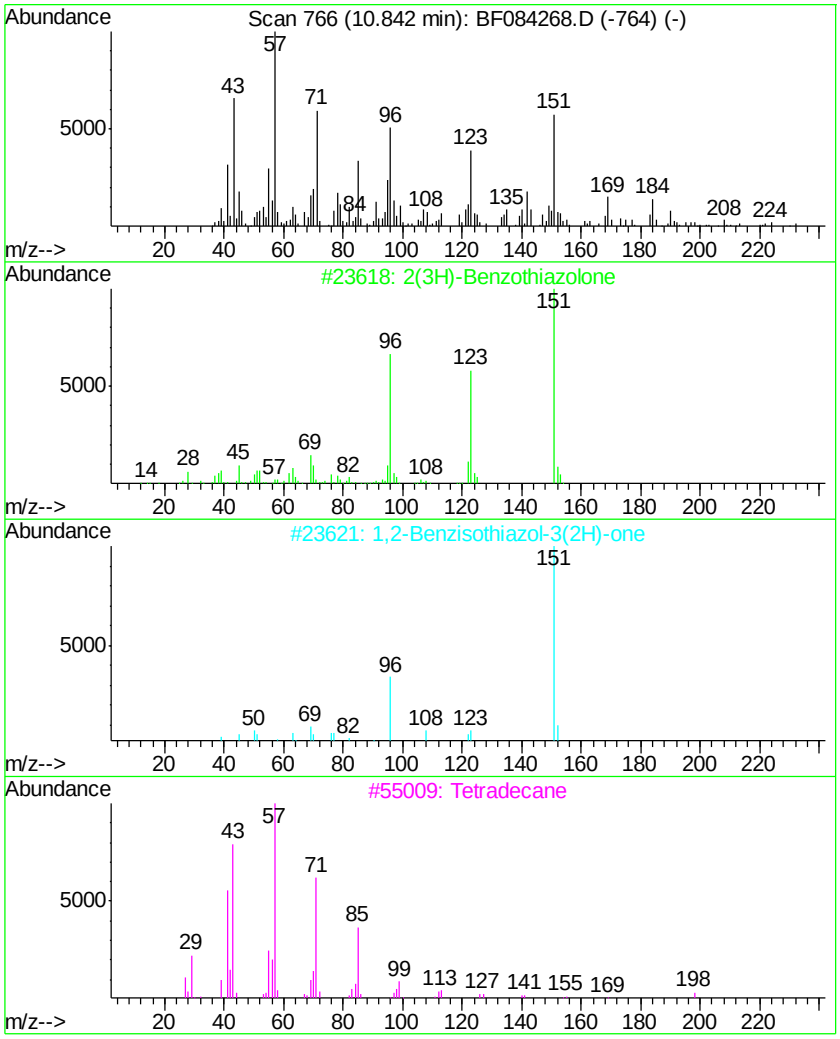
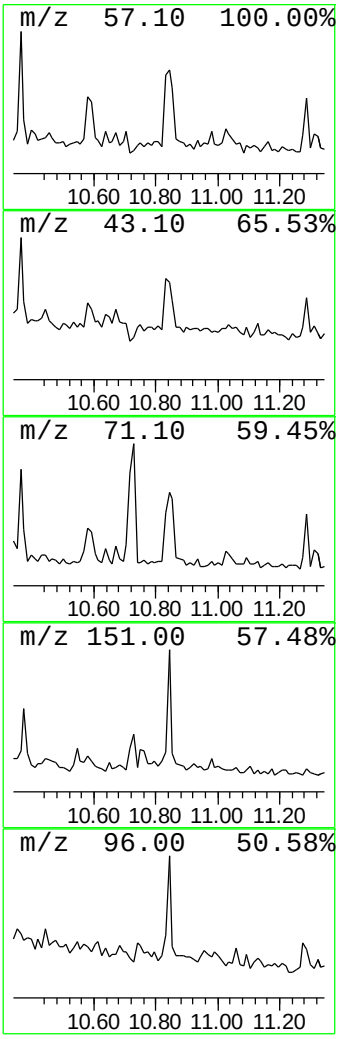
Peak Number 18 unknown10.84 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	4.18 ng	417603	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	43
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	25
3	Tetradecane	198	C14H30	000629-59-4	25
4	1H-Benzocyclohepten-7-ol, 2,3,4,...	222	C15H26O	006892-80-4	18
5	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	15





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TIC Integration Parameters: LSCINT.P

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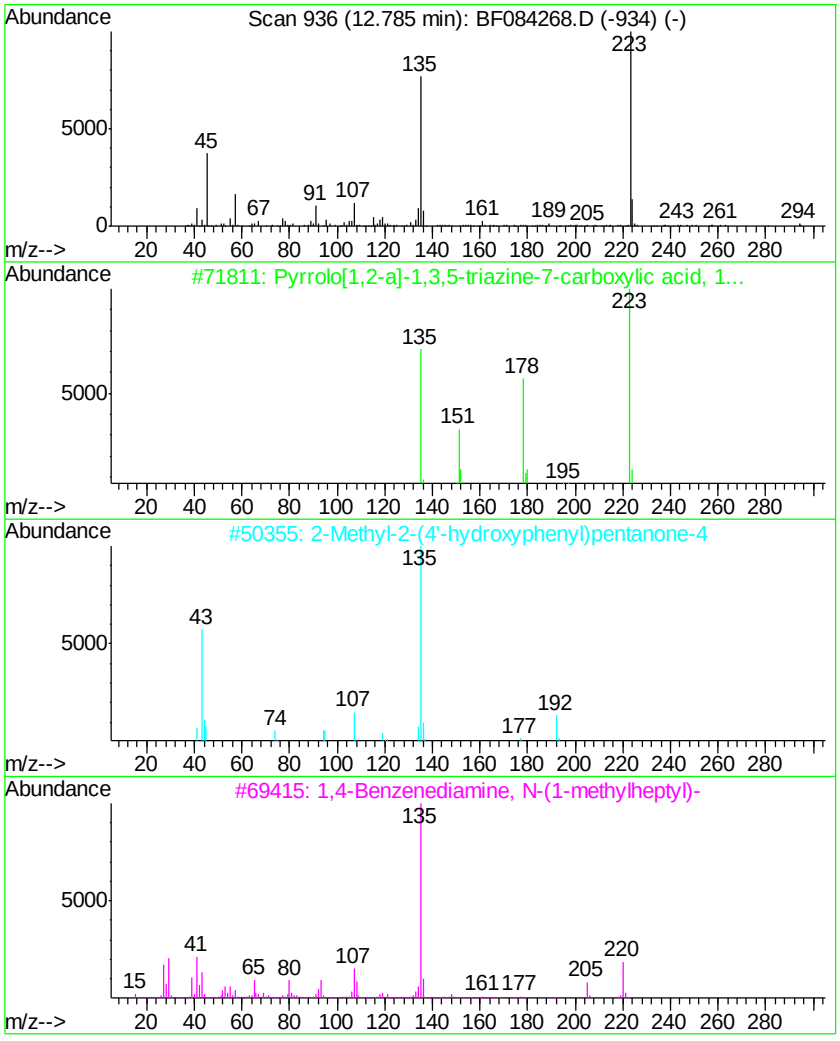
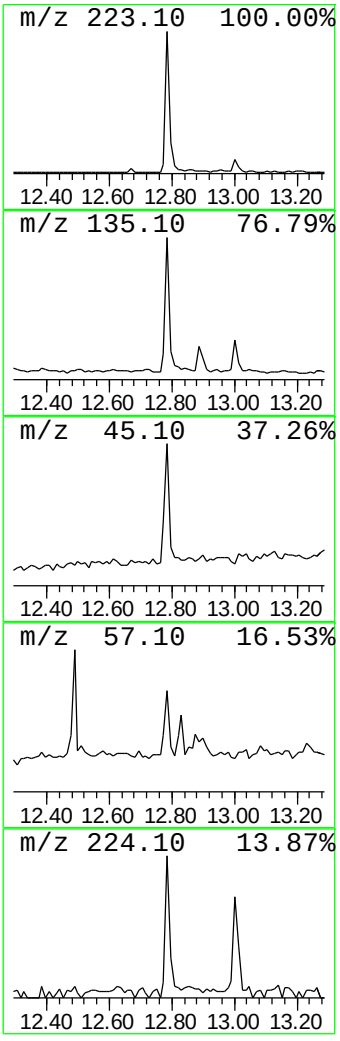
Peak Number 19 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.97 ng	219260	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	38
3	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	35
4	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	35
5	Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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

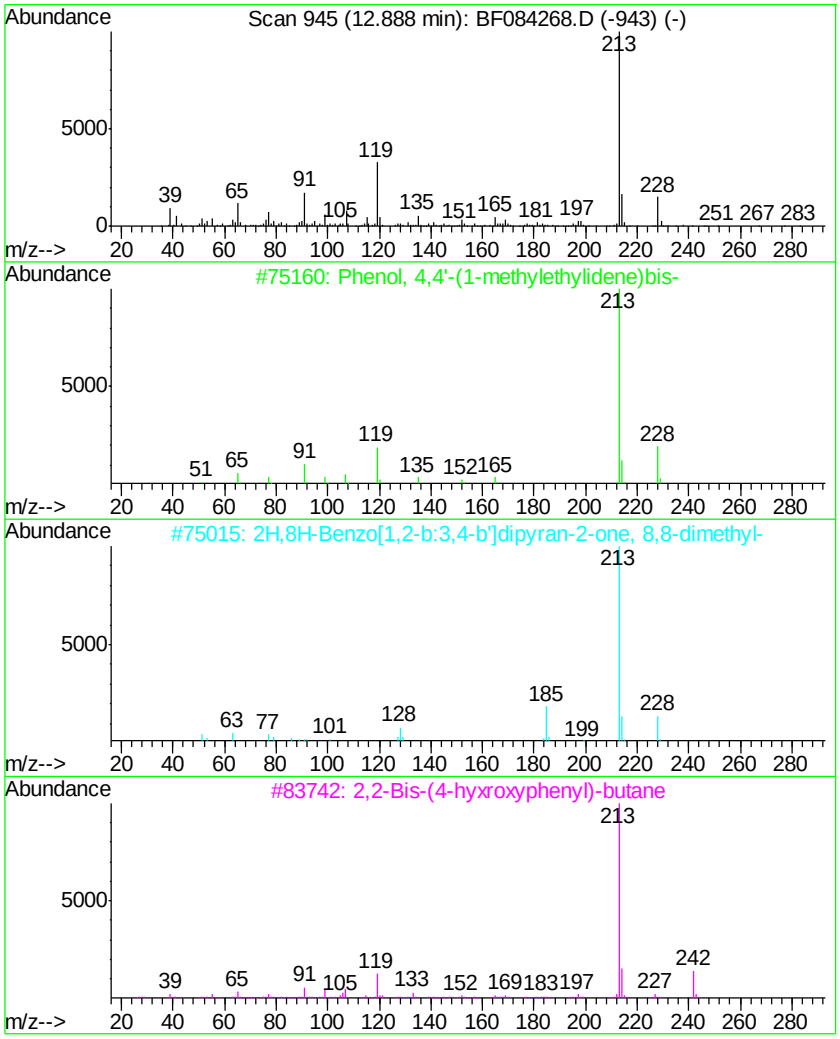
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

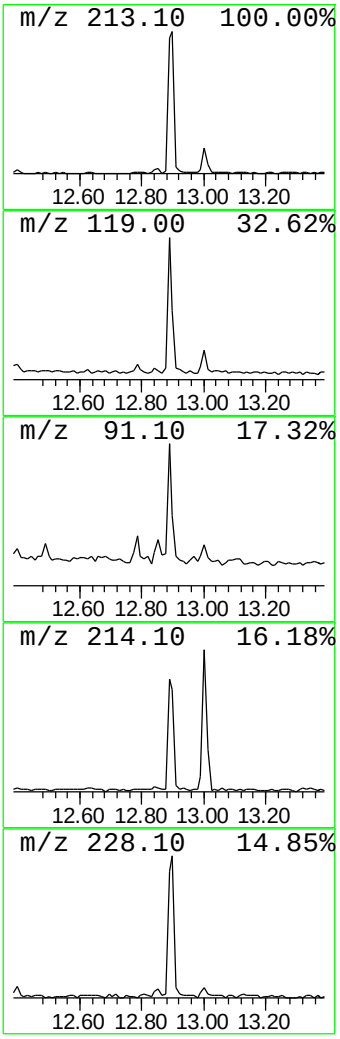
****

Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	9.23 ng	681619	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	58
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	56
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
Data File : BF084268.D
Acq On : 5 Jan 2016 6:26
Operator : UM/SJ
Sample : G4990-12
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-38

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...	5.08	7.7	ng	712619	1	6.89	1840730	20.0
unknown6.66	6.66	71.8	ng	6604320	1	6.89	1840730	20.0
Naphthalene, 1,2,...	7.92	3.5	ng	457037	2	8.18	2630480	20.0
unknown8.66	8.66	3.0	ng	392369	2	8.18	2630480	20.0
1-Adamantanol	8.72	3.3	ng	437849	2	8.18	2630480	20.0
Benzene, pentamet...	8.74	3.4	ng	440236	2	8.18	2630480	20.0
unknown8.96	8.96	5.1	ng	672851	2	8.18	2630480	20.0
unknown9.02	9.02	3.2	ng	420350	2	8.18	2630480	20.0
Naphthalene, 1,6-...	9.72	3.8	ng	548900	3	9.93	2916440	20.0
Naphthalene, 1,4-...	9.79	4.7	ng	679552	3	9.93	2916440	20.0
Naphthalene, 2,3,...	10.25	6.2	ng	901289	3	9.93	2916440	20.0
1(2H)-Naphthaleno...	10.29	6.7	ng	976050	3	9.93	2916440	20.0
unknown10.36	10.36	3.2	ng	472125	3	9.93	2916440	20.0
Ethanone, 1-[4-(1...	10.43	3.1	ng	455661	3	9.93	2916440	20.0
Benzenesulfonamid...	10.59	3.0	ng	434376	3	9.93	2916440	20.0
Benzenesulfonamid...	10.78	3.1	ng	306681	4	11.41	1996360	20.0
unknown10.84	10.84	4.2	ng	417603	4	11.41	1996360	20.0
Pyrrolo[1,2-a]-1,...	12.79	3.0	ng	219260	5	14.05	1476370	20.0
Phenol, 4,4'-(1-m...	12.89	9.2	ng	681619	5	14.05	1476370	20.0