LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092130.D
Acq On : 6 Jan 2017 21:22
Operator : UM/SJ
Sample : I1045-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAP-SP2

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-BF122116.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	4.767	249	252	262	rVB	94554	157849	13.90%	1.715%
2	5.259	293	295	302	rBV	201158	302946	26.67%	3.291%
3	6.322	385	388	394	rBV	264509	289873	25.52%	3.149%
4	6.424	394	397	399	rBV	280854	300850	26.49%	3.269%
5	6.642	414	416	418	rBV	1124802	936704	82.48%	10.177%
6	6.802	427	430	432	rVB	197920	244506	21.53%	2.656%
7	7.213	463	466	468	rBV	135573	164997	14.53%	1.793%
8	7.705	504	509	511	rVB4	4851	14718	1.30%	0.160%
9	7.933	526	529	531	rBV	1218092	1135701	100.00%	12.339%
10	8.367	565	567	571	rVB2	15242	21795	1.92%	0.237%
11	8.539	580	582	584	rBV	10773	15485	1.36%	0.168%
12	8.756	598	601	602	rBV3	9078	14796	1.30%	0.161%
13	8.962	616	619	621	rBV	16458	21217	1.87%	0.231%
14	9.008	621	623	625	rVV	404800	323826	28.51%	3.518%
15	9.099	627	631	634	rBV2	17018	25360	2.23%	0.276%
16	9.156	634	636	639	rVB4	7726	14816	1.30%	0.161%
17	9.339	649	652	653	rBV	13928	17053	1.50%	0.185%
18	9.408	657	658	660	rVV2	49118	53656	4.72%	0.583%
19	9.465	660	663	665	rVB3	5696	14862	1.31%	0.161%
20	9.625	676	677	679	rBV	20349	14685	1.29%	0.160%
21	9.682	679	682	684	rBV	1004144	1021637	89.96%	11.099%
22	9.888	696	700	701	rBV	12882	18251	1.61%	0.198%
23	10.345	736	740	741	rBV2	20971	35386	3.12%	0.384%
24	10.471	748	751	753	rBV	105404	129603	11.41%	1.408%
25	10.608	760	763	766	rBV	33129	54505	4.80%	0.592%
26	11.042	797	801	802	rBV	29697	44151	3.89%	0.480%
27	11.076	802	804	806	rVB	19842	26271	2.31%	0.285%
28	11.156	808	811	813	rVV	1098645	956604	84.23%	10.393%
29	11.225	815	817	819	rVB2	14024	23031	2.03%	0.250%
30	11.271	819	821	824	rBV4	6687	17195	1.51%	0.187%
31	11.396	829	832	837	rBV6	14998	47749	4.20%	0.519%
32	11.465	837	838	841	rVB3	24891	29547	2.60%	0.321%
33	11.568	845	847	849	rVB3	13904	19368	1.71%	0.210%
34	11.659	849	855	856	rBV6	28313	64933	5.72%	0.705%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.762	862	864	869	rVB3	23109	45174	3.98%	0.491%
36	11.876	869	874	877	rBV2	29278	73628	6.48%	0.800%
37	12.082	890	892	893	rBV	18214	16166	1.42%	0.176%
38	12.208	901	903	904	rBV	43081	50698	4.46%	0.551%
39	12.265	906	908	909	rVV	32602	37486	3.30%	0.407%
40	12.299	909	911	912	rVV2	14939	23089	2.03%	0.251%
41	12.356	915	916	918	rBV	73851	106921	9.41%	1.162%
42	12.585	934	936	938	rBV2	90762	133778	11.78%	1.453%
43	12.631	938	940	941	rVV2	24441	30864	2.72%	0.335%
44	12.734	948	949	952	rBV	207158	266061	23.43%	2.891%
45	12.916	963	965	967	rVB2	40189	43538	3.83%	0.473%
46	12.985	969	971	973	rBV2	57503	58681	5.17%	0.638%
47	13.019	973	974	977	rBV3	31933	66624	5.87%	0.724%
48	13.785	1038	1041	1043	rBV	1019587	1040843	91.65%	11.308%
49	15.157	1159	1161	1163	rBV	543972	636880	56.08%	6.919%

Sum of corrected areas: 9204357

LSC Report - Integrated Chromatogram

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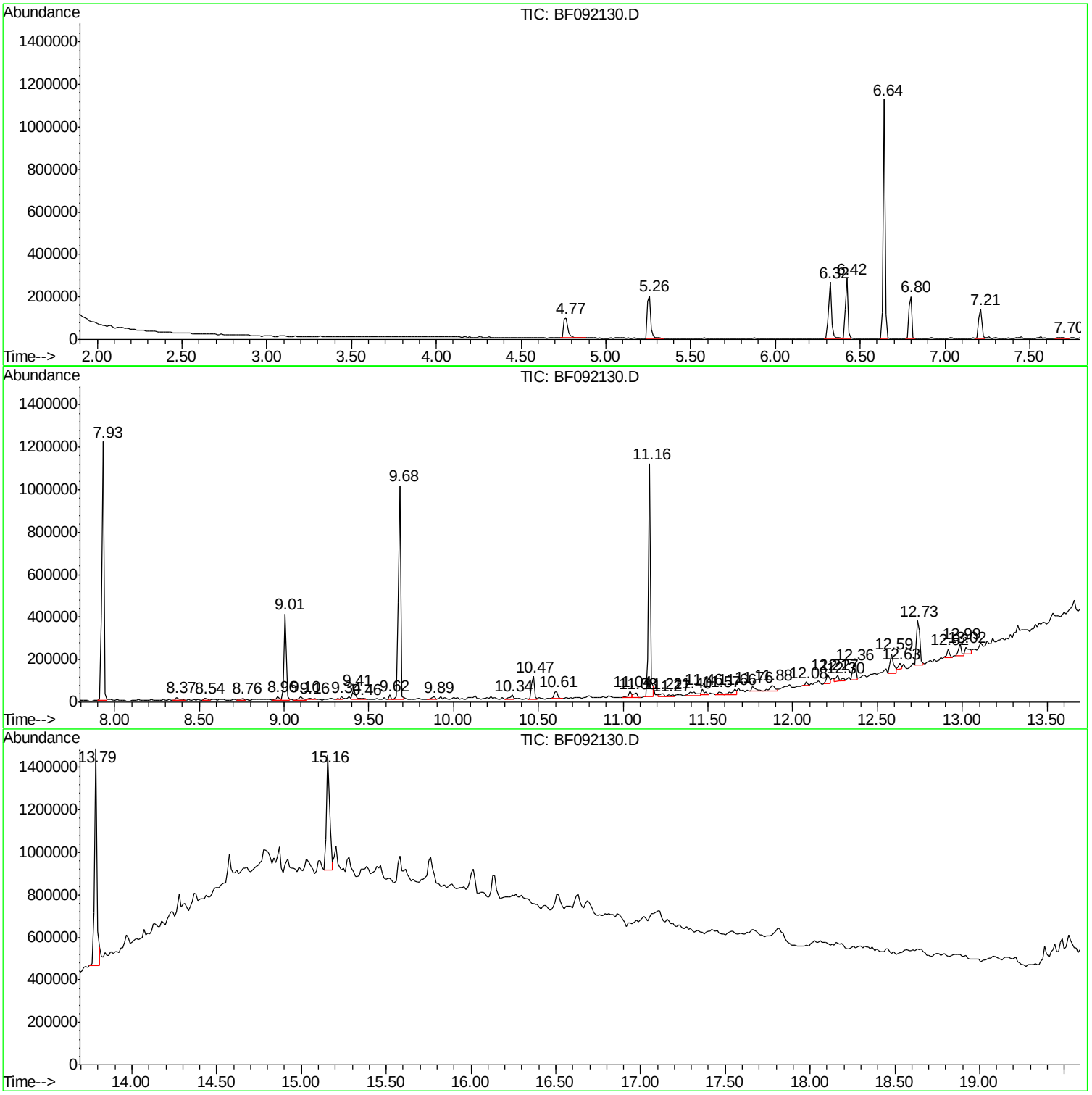
Sample : I1045-04 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAP-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF010617\
Data File : BF092130.D
Acq On : 6 Jan 2017 21:22
Operator : UM/SJ
Sample : I1045-04 5X
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAP-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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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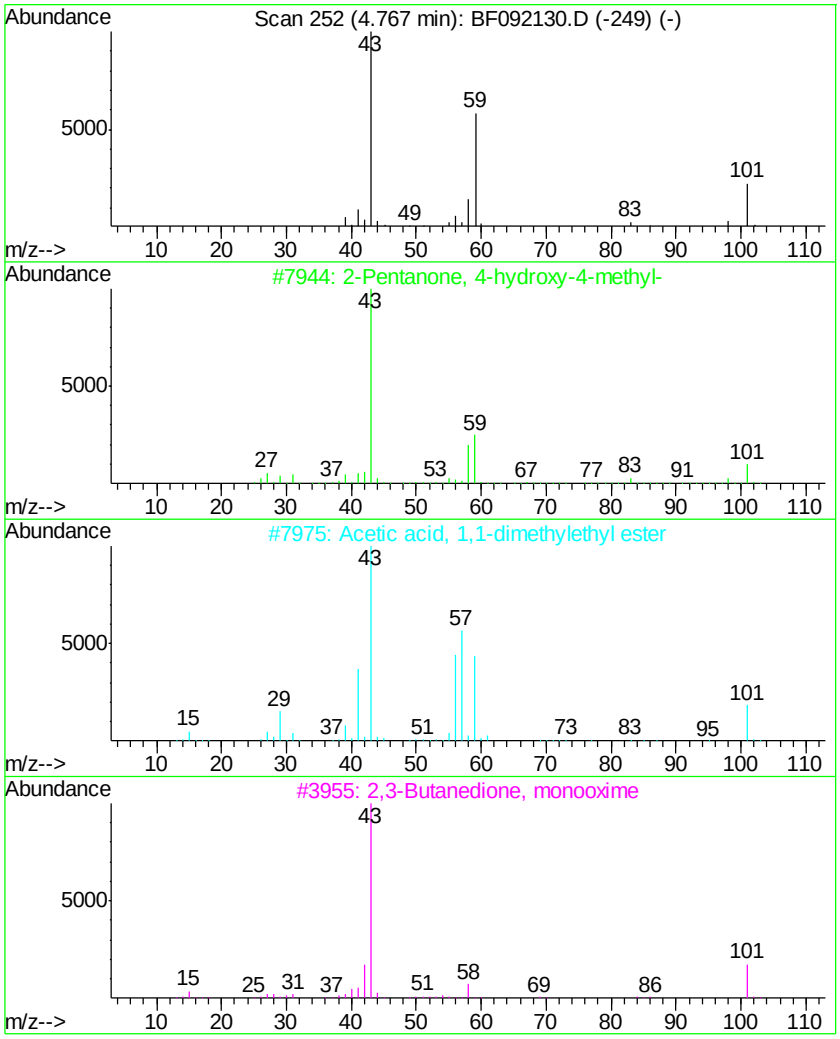
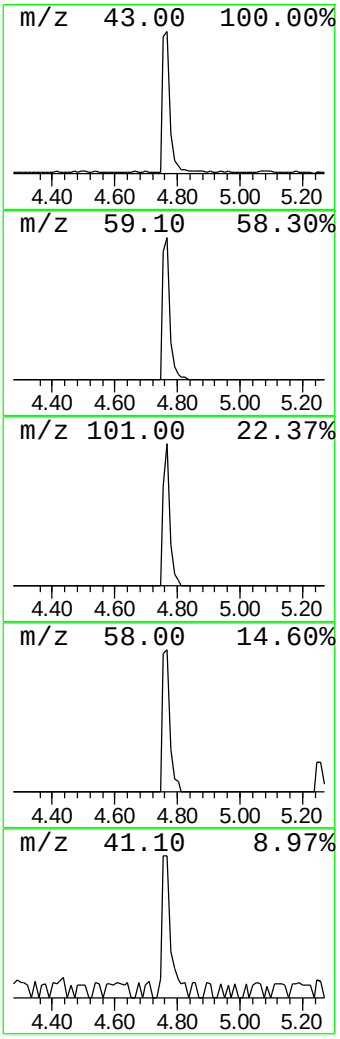
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	3.37 ng	157849	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





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Instrument : BNA_F
ClientSampleId : RAP-SP2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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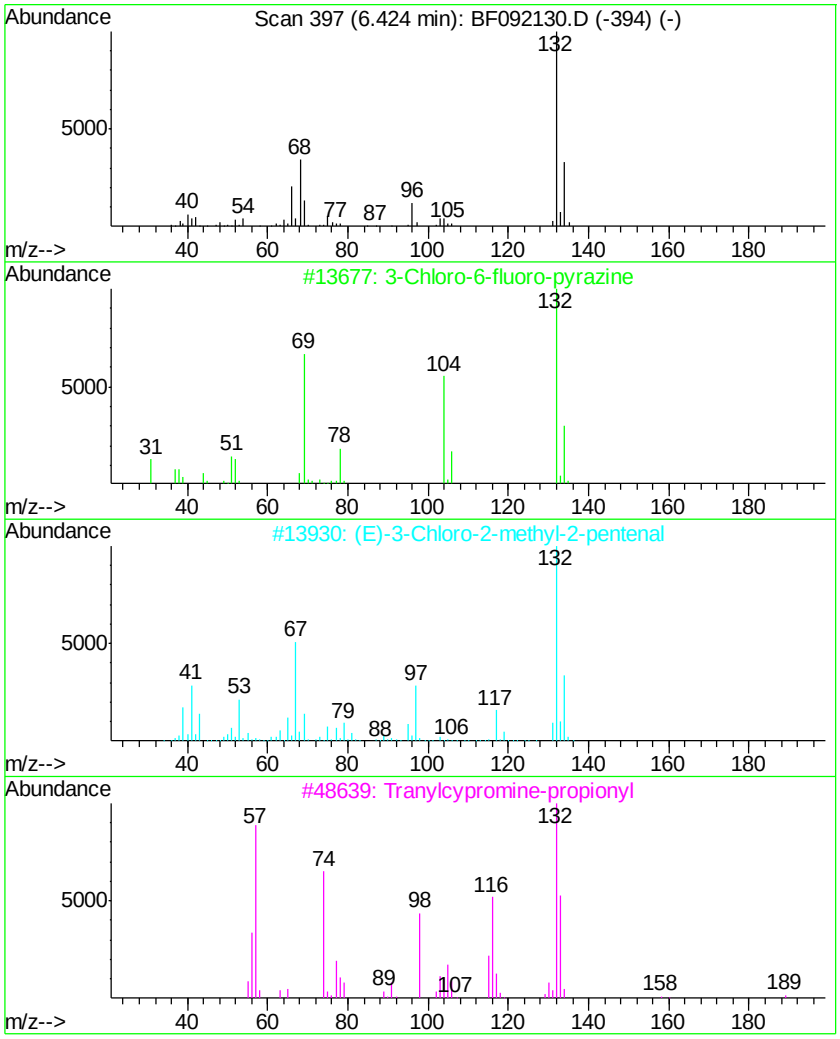
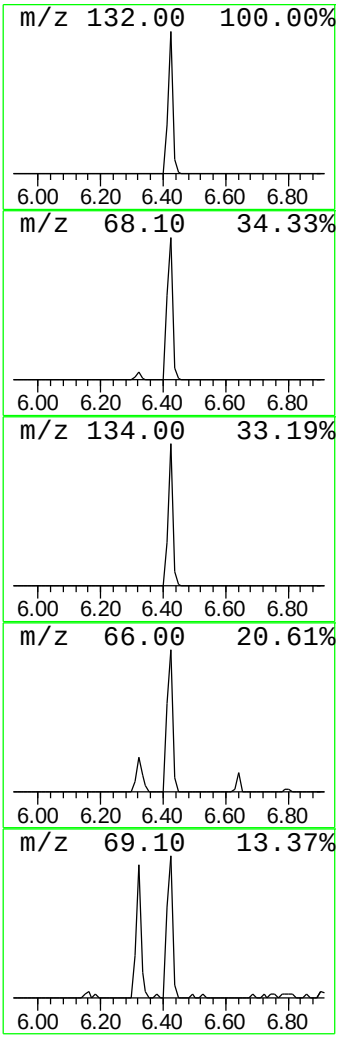
Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	6.42 ng	300850	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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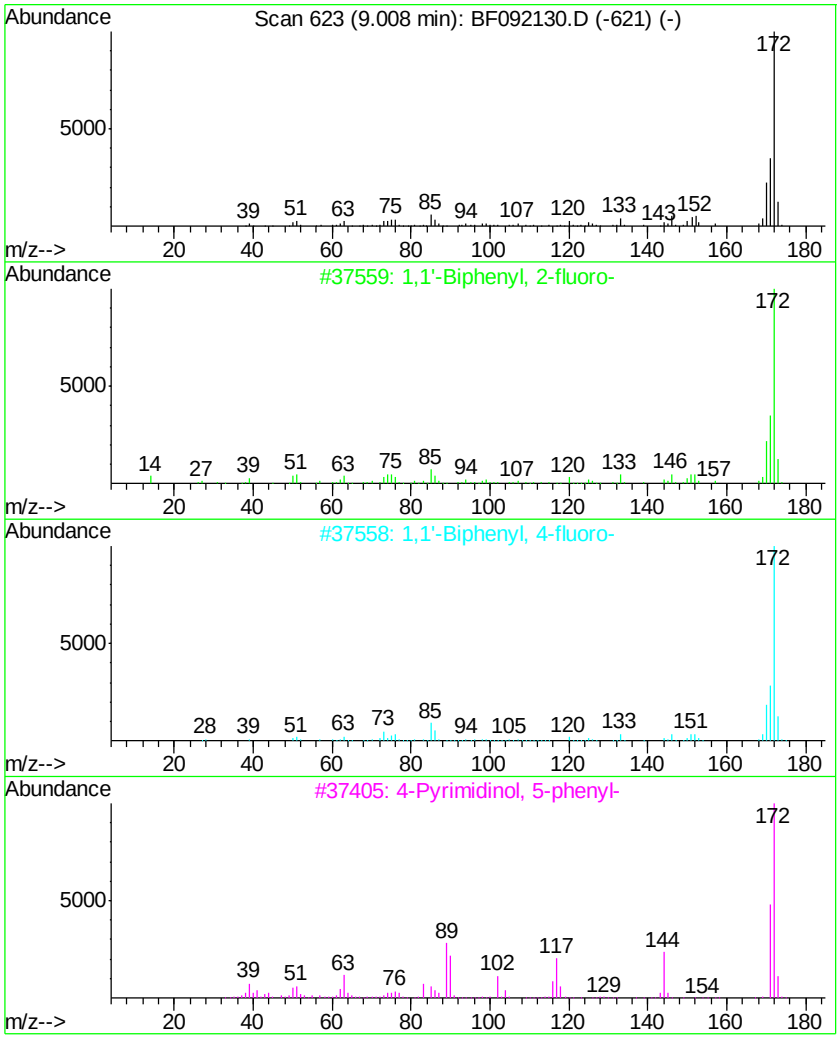
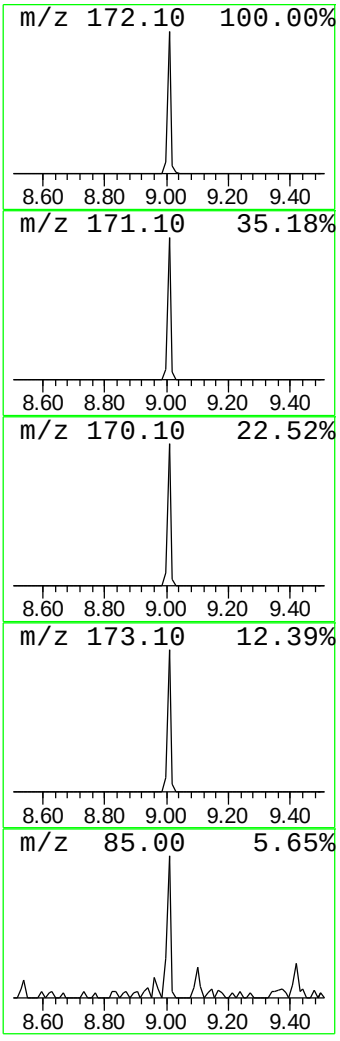
Peak Number 4 1,1'-Biphenyl, 2-fluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	6.34 ng	323826	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	87
3	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
4	2-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	064435-20-7	38
5	4-(4-Hydroxyphenyl)pyrimidine	172	C10H8N2O	023380-78-1	28





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.77	3.4	ng	157849	1	6.64	936704	20.0
unknown6.42	6.42	6.4	ng	300850	1	6.64	936704	20.0
1,1'-Biphenyl, 2-...	9.01	6.3	ng	323826	3	9.68	1021640	20.0