LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-02-F5-F6-F7-F8

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-BF011415.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	1.310	35	37	42	rBV	7197	15938	2.01%	0.229%
2	1.378	42	43	51	rVV	46441	82850	10.43%	1.191%
3	1.801	78	80	83	rBV	3978	9679	1.22%	0.139%
4	2.247	117	119	122	rVB	6922	8783	1.11%	0.126%
5	2.304	122	124	127	rBV	5473	10001	1.26%	0.144%
6	2.818	166	169	171	rBV	4904	8212	1.03%	0.118%
7	3.276	208	209	211	rBV	6397	9396	1.18%	0.135%
8	3.333	211	214	215	rVB	5481	9651	1.21%	0.139%
9	3.721	246	248	256	rBV	43905	116026	14.60%	1.668%
10	3.836	256	258	263	rVB	7778	18247	2.30%	0.262%
11	4.167	285	287	290	rBV	4141	11073	1.39%	0.159%
12	4.270	295	296	300	rVV	5087	10840	1.36%	0.156%
13	4.327	300	301	304	rVB	6846	8818	1.11%	0.127%
14	4.419	306	309	313	rVB	3887	11628	1.46%	0.167%
15	4.693	330	333	344	rVV	247901	533825	67.18%	7.676%
16	4.853	346	347	350	rVB	7135	9788	1.23%	0.141%
17	5.264	380	383	386	rVB	4774	13017	1.64%	0.187%
18	5.516	403	405	408	rVB	3784	8408	1.06%	0.121%
19	5.630	413	415	417	rVB	6817	9174	1.15%	0.132%
20	5.699	417	421	424	rBV	6563	17699	2.23%	0.255%
21	6.282	469	472	475	rBV	4304	11866	1.49%	0.171%
22	7.082	539	542	547	rBV	312902	533287	67.11%	7.668%
23	7.173	547	550	554	rVB	341973	638834	80.39%	9.186%
24	7.333	561	564	567	rBV	5063	13951	1.76%	0.201%
25	7.459	571	575	580	rBV	3328	14044	1.77%	0.202%
26	7.688	589	595	602	rVB2	82647	175008	22.02%	2.517%
27	7.779	602	603	606	rBV	5787	12442	1.57%	0.179%
28	7.836	606	608	610	rBV	4597	8850	1.11%	0.127%
29	7.996	619	622	628	rBV	264276	452036	56.89%	6.500%
30	8.648	675	679	682	rBV	4030	8604	1.08%	0.124%
31	8.910	699	702	706	rVB	4134	11265	1.42%	0.162%
32	8.991	706	709	715	rBV	186742	351724	44.26%	5.058%
33	9.196	725	727	729	rVB	6424	10447	1.31%	0.150%
34	9.311	734	737	738	rBV	4882	9393	1.18%	0.135%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-02-F5-F6-F7-F8

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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.585	758	761	763	rBV	4884	10548	1.33%	0.152%
36	9.848	780	784	788	rVB	4337	13214	1.66%	0.190%
37	10.053	800	802	805	rVB	6120	11706	1.47%	0.168%
38	10.156	805	811	812	rVB	4151	14120	1.78%	0.203%
39	10.408	831	833	837	rVB	5487	13870	1.75%	0.199%
40	10.591	846	849	855	rVB	119783	204469	25.73%	2.940%
41	10.899	872	876	878	rVB	3594	9398	1.18%	0.135%
42	10.945	878	880	884	rBV	3142	8805	1.11%	0.127%
43	11.356	913	916	918	rBV	4165	10637	1.34%	0.153%
44	11.391	918	919	924	rVB	6081	9565	1.20%	0.138%
45	11.722	947	948	951	rBV	5820	10303	1.30%	0.148%
46	11.985	970	971	974	rBV	4752	9763	1.23%	0.140%
47	12.077	976	979	981	rVV2	12273	23997	3.02%	0.345%
48	12.122	981	983	986	rVB	4789	8434	1.06%	0.121%
49	12.259	992	995	997	rBV	4164	9495	1.19%	0.137%
50	12.522	1016	1018	1021	rVB	4672	8585	1.08%	0.123%
51	13.094	1066	1068	1072	rVB	6496	15353	1.93%	0.221%
52	13.242	1078	1081	1086	rBV	449669	699281	88.00%	10.055%
53	13.848	1133	1134	1138	rVB	4259	8559	1.08%	0.123%
54	14.317	1173	1175	1179	rBV	29072	48838	6.15%	0.702%
55	14.591	1197	1199	1202	rVV	5051	8943	1.13%	0.129%
56	14.648	1202	1204	1207	rVV	3844	8785	1.11%	0.126%
57	14.705	1207	1209	1214	rVB2	123128	220922	27.80%	3.177%
58	14.957	1229	1231	1235	rBV	3131	8637	1.09%	0.124%
59	15.140	1246	1247	1251	rBV	5654	10759	1.35%	0.155%
60	15.197	1251	1252	1255	rVB	5354	9420	1.19%	0.135%
61	15.277	1255	1259	1261	rBV	4375	11694	1.47%	0.168%
62	15.368	1265	1267	1271	rBV	3066	8645	1.09%	0.124%
63	15.654	1289	1292	1293	rBV	4510	11717	1.47%	0.168%
64	16.008	1321	1323	1326	rVV2	10746	16314	2.05%	0.235%
65	16.397	1354	1357	1359	rVV	78091	118602	14.93%	1.705%
66	16.443	1359	1361	1368	rVB	269512	388335	48.87%	5.584%
67	16.603	1373	1375	1378	rVB	4770	8350	1.05%	0.120%
68	17.128	1418	1421	1426	rVB	5328	20164	2.54%	0.290%
69	17.334	1436	1439	1440	rBV	4809	10020	1.26%	0.144%
70	17.563	1457	1459	1465	rVB	170638	225704	28.40%	3.246%
71	18.146	1506	1510	1514	rVB	2865	11903	1.50%	0.171%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-02-F5-F6-F7-F8

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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.477	1534	1539	1541	rBV	3862	9731	1.22%	0.140%
73	19.483	1625	1627	1630	rVB	4615	8733	1.10%	0.126%
74	19.814	1653	1656	1658	rBV	622877	794645	100.00%	11.427%
75	19.997	1671	1672	1676	rVB	4273	10230	1.29%	0.147%
76	20.100	1679	1681	1683	rVV	3549	8378	1.05%	0.120%
77	20.169	1685	1687	1689	rVB	5720	9250	1.16%	0.133%
78	20.580	1720	1723	1725	rBV	3903	11436	1.44%	0.164%
79	20.832	1743	1745	1748	rVB	5010	10055	1.27%	0.145%
80	20.912	1748	1752	1755	rBV	4825	12850	1.62%	0.185%
81	21.072	1764	1766	1770	rVB	192623	249527	31.40%	3.588%
82	21.220	1777	1779	1781	rBV	4501	8262	1.04%	0.119%
83	21.300	1784	1786	1789	rVB	5737	10495	1.32%	0.151%
84	21.597	1810	1812	1815	rVB	4238	8551	1.08%	0.123%
85	21.895	1834	1838	1841	rVB	3899	9614	1.21%	0.138%
86	22.352	1876	1878	1879	rBV	15438	16345	2.06%	0.235%
87	22.809	1915	1918	1923	rVB	149630	218150	27.45%	3.137%
88	22.992	1932	1934	1937	rVB	7114	12941	1.63%	0.186%
89	23.209	1949	1953	1955	rVB	4283	10639	1.34%	0.153%
90	23.815	2003	2006	2008	rBV	3962	9005	1.13%	0.129%
91	24.066	2027	2028	2031	rBV	5807	8222	1.03%	0.118%
92	24.341	2050	2052	2057	rVV	4245	12304	1.55%	0.177%
93	24.581	2069	2073	2077	rVV2	3269	8663	1.09%	0.125%
94	25.004	2109	2110	2114	rVV	4163	8437	1.06%	0.121%
95	25.118	2118	2120	2122	rVB	5576	9240	1.16%	0.133%
96	25.289	2132	2135	2139	rVB	2958	8246	1.04%	0.119%
97	25.484	2150	2152	2155	rVB	5089	11579	1.46%	0.167%
98	25.575	2155	2160	2161	rBV	6213	18279	2.30%	0.263%
99	26.661	2253	2255	2258	rBV	3236	8240	1.04%	0.118%
100	27.301	2309	2311	2314	rVB	4760	9597	1.21%	0.138%

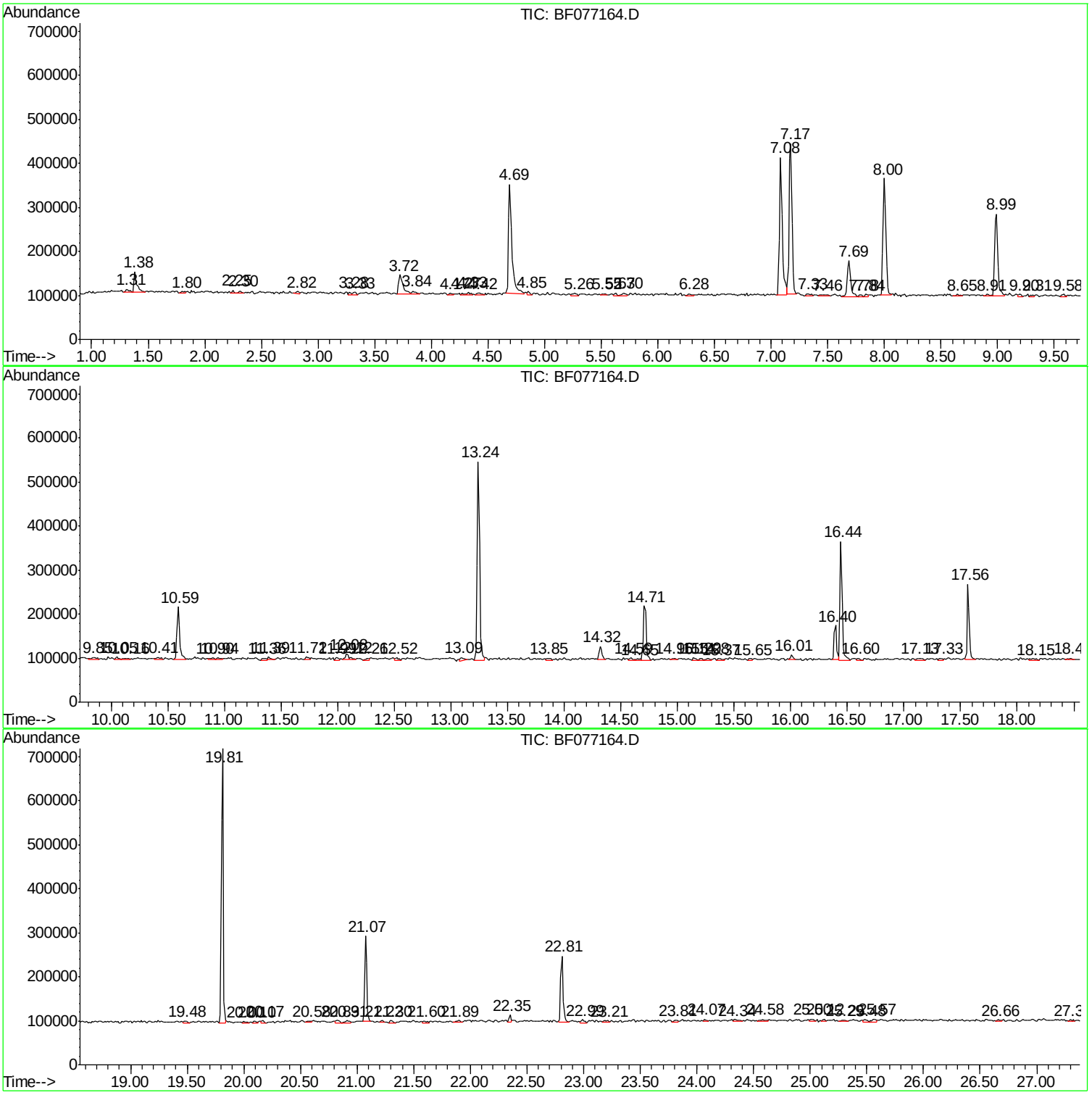
Sum of corrected areas: 6954302

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-F5-F6-F7-F8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-02-F5-F6-F7-F8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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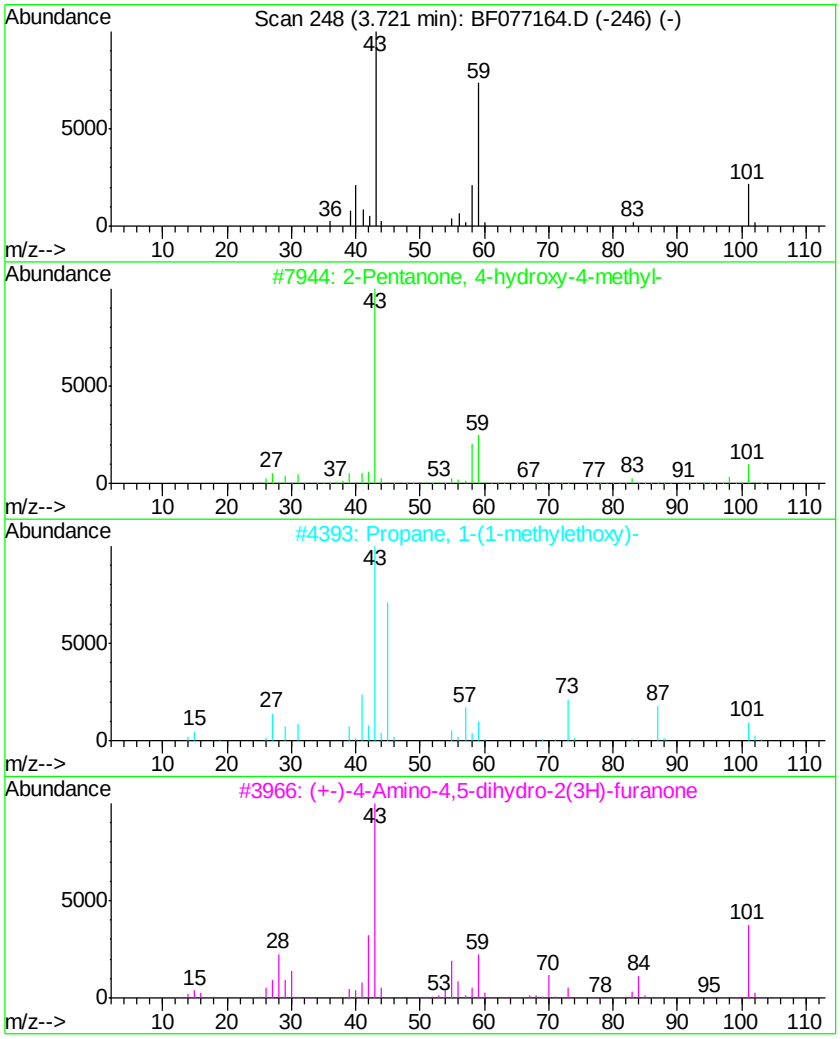
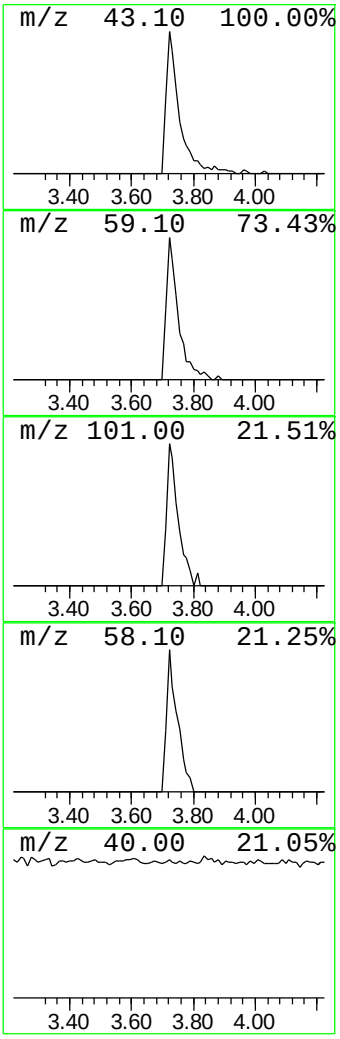
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	13.26 ng	116026	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-02-F5-F6-F7-F8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

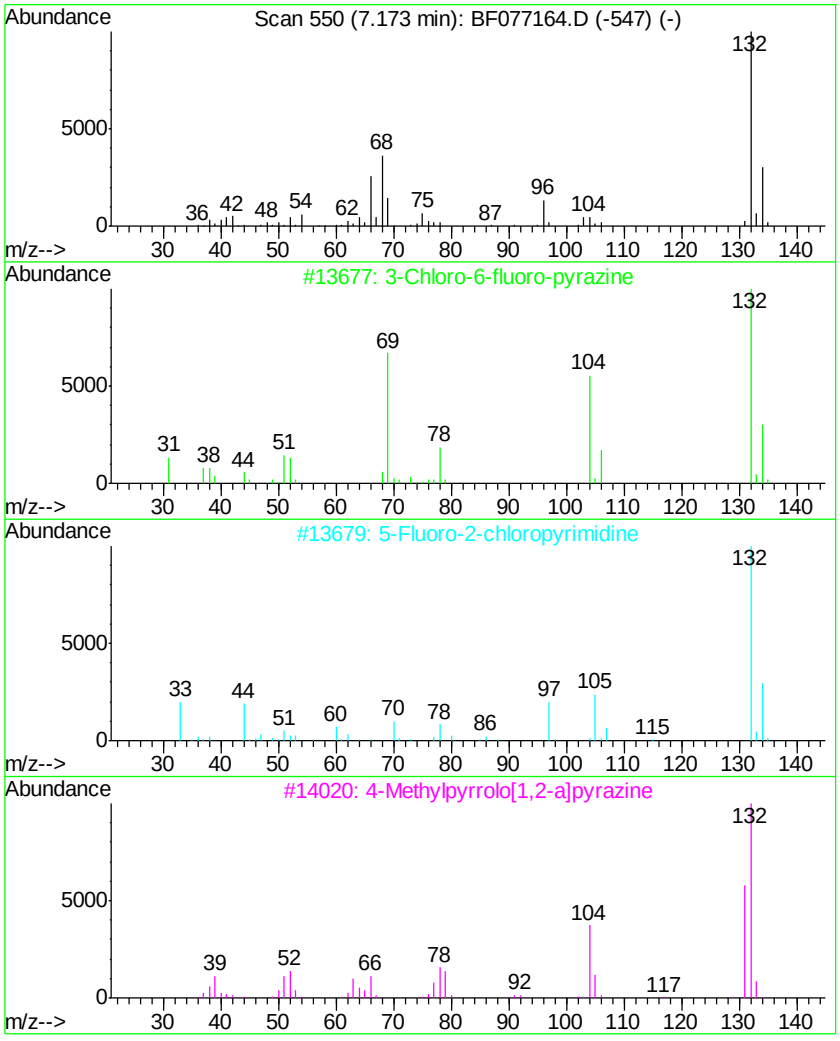
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

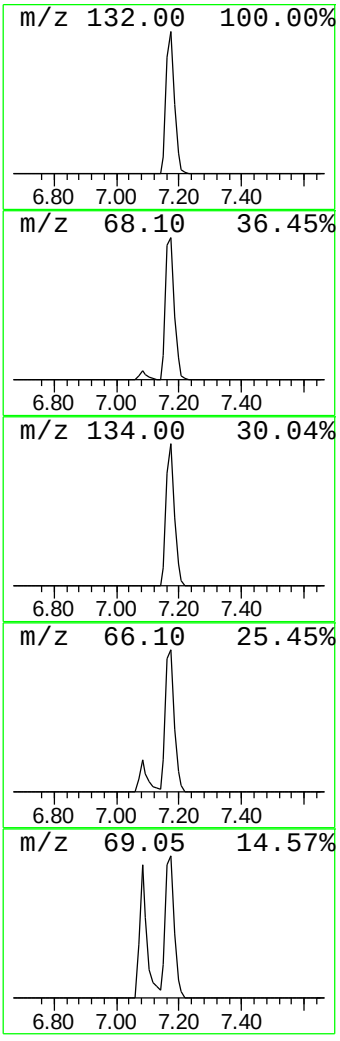
****

Peak Number 5 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	73.01 ng	638834	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077164.D
Acq On : 3 Feb 2015 16:34
Operator : TP/IZ
Sample : G1198-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-BPM-02-F5-F6-F7-F8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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...	3.72	13.3	ng	116026	1	7.69	175008	20.0
unknown7.17	7.17	73.0	ng	638834	1	7.69	175008	20.0