LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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	1.378	42	43	51	rBV4	40938	86907	3.38%	0.474%
2	1.904	86	89	98	rVB	57096	111281	4.33%	0.607%
3	3.733	246	249	253	rBV2	11432	26572	1.03%	0.145%
4	3.813	253	256	265	rVB	147408	349642	13.62%	1.909%
5	4.247	289	294	297	rBV	11191	28142	1.10%	0.154%
6	4.487	311	315	317	rBV2	80137	174106	6.78%	0.950%
7	4.704	331	334	341	rBV	84847	208065	8.10%	1.136%
8	5.047	361	364	369	rVB2	73955	155085	6.04%	0.847%
9	5.779	425	428	432	rBV2	10363	27533	1.07%	0.150%
10	6.636	501	503	507	rVB2	15976	31993	1.25%	0.175%
11	6.819	516	519	524	rVB2	19523	36631	1.43%	0.200%
12	6.979	531	533	536	rBV	34182	61389	2.39%	0.335%
13	7.104	542	544	547	rBV	41101	91163	3.55%	0.498%
14	7.173	547	550	557	rVV	289905	562399	21.90%	3.070%
15	7.310	559	562	567	rBV	59800	119802	4.67%	0.654%
16	7.687	591	595	596	rVV	79863	143775	5.60%	0.785%
17	7.722	596	598	602	rVV2	55778	106026	4.13%	0.579%
18	7.813	604	606	610	rVB2	19760	37676	1.47%	0.206%
19	8.042	620	626	634	rVB2	1161159	2567623	100.00%	14.016%
20	8.247	642	644	649	rBV2	38137	69360	2.70%	0.379%
21	8.750	685	688	691	rVV	123916	194183	7.56%	1.060%
22	8.807	691	693	697	rVB	70181	119402	4.65%	0.652%
23	8.990	705	709	713	rBV	288126	480491	18.71%	2.623%
24	9.070	714	716	719	rVB2	14704	25733	1.00%	0.140%
25	9.368	737	742	746	rVB2	44388	108603	4.23%	0.593%
26	9.710	768	772	775	rBV	1043449	1641523	63.93%	8.961%
27	10.053	798	802	805	rBV3	86727	165011	6.43%	0.901%
28	10.293	820	823	827	rVB	174087	276071	10.75%	1.507%
29	10.442	833	836	838	rBV	12180	25744	1.00%	0.141%
30	10.511	838	842	845	rVV	580751	990240	38.57%	5.405%
31	10.591	846	849	851	rVV	126272	203742	7.94%	1.112%
32	10.636	851	853	861	rVV	297382	478536	18.64%	2.612%
33	10.853	869	872	874	rVV	408011	618363	24.08%	3.375%
34	10.899	874	876	881	rVV	209739	376593	14.67%	2.056%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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	11.002	881	885	889	rVV2	168796	367546	14.31%	2.006%
36	11.071	889	891	894	rVV	17132	35162	1.37%	0.192%
37	11.493	924	928	933	rBV	240128	454960	17.72%	2.483%
38	11.619	936	939	942	rVB2	14373	27384	1.07%	0.149%
39	12.099	976	981	985	rBV	311417	551504	21.48%	3.011%
40	12.179	985	988	991	rVB2	66532	119059	4.64%	0.650%
41	12.248	991	994	995	rBV2	21437	38679	1.51%	0.211%
42	12.294	995	998	1003	rVB2	337059	658424	25.64%	3.594%
43	12.511	1012	1017	1021	rVB2	72728	148216	5.77%	0.809%
44	13.002	1056	1060	1065	rVB3	76065	142075	5.53%	0.776%
45	13.105	1065	1069	1072	rBV2	104855	178284	6.94%	0.973%
46	13.242	1078	1081	1085	rVV	558619	885193	34.48%	4.832%
47	13.562	1105	1109	1114	rBV2	58655	116102	4.52%	0.634%
48	13.688	1118	1120	1121	rVV	17587	26142	1.02%	0.143%
49	13.722	1121	1123	1128	rVV3	41313	80374	3.13%	0.439%
50	13.962	1139	1144	1148	rBV3	18227	52371	2.04%	0.286%
51	14.065	1151	1153	1160	rVV2	69020	124881	4.86%	0.682%
52	14.717	1206	1210	1213	rBV	186103	342147	13.33%	1.868%
53	14.785	1213	1216	1220	rVB2	37319	64351	2.51%	0.351%
54	15.357	1264	1266	1272	rBV	61363	101527	3.95%	0.554%
55	15.494	1276	1278	1284	rVV3	25359	54071	2.11%	0.295%
56	15.997	1316	1322	1323	rBV2	71660	189294	7.37%	1.033%
57	16.031	1323	1325	1328	rVV	143956	223987	8.72%	1.223%
58	16.100	1328	1331	1333	rVV3	26997	63876	2.49%	0.349%
59	16.134	1333	1334	1338	rVB2	39878	53549	2.09%	0.292%
60	16.397	1354	1357	1359	rBV2	35059	54676	2.13%	0.298%
61	16.443	1359	1361	1366	rVB	374794	488855	19.04%	2.669%
62	17.563	1456	1459	1461	rBV	170882	209779	8.17%	1.145%
63	17.597	1461	1462	1464	rVV	22298	27319	1.06%	0.149%
64	17.860	1483	1485	1489	rBV3	35112	60921	2.37%	0.333%
65	17.974	1493	1495	1497	rVV2	40459	46989	1.83%	0.256%
66	18.020	1497	1499	1502	rVB	38046	43420	1.69%	0.237%
67	18.591	1546	1549	1553	rBV	9710	27187	1.06%	0.148%
68	18.774	1561	1565	1573	rBV2	28869	47621	1.85%	0.260%
69	19.231	1604	1605	1611	rBV3	13816	39410	1.53%	0.215%
70	19.814	1653	1656	1658	rVV	609126	839597	32.70%	4.583%
71	20.077	1676	1679	1682	rBV2	40686	57815	2.25%	0.316%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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	20.271	1692	1696	1699	rVB2	12128	28747	1.12%	0.157%
73	20.694	1731	1733	1737	rVV	54010	73784	2.87%	0.403%
74	21.072	1763	1766	1769	rBV	225285	272671	10.62%	1.488%
75	22.729	1908	1911	1914	rVB	154324	201974	7.87%	1.103%

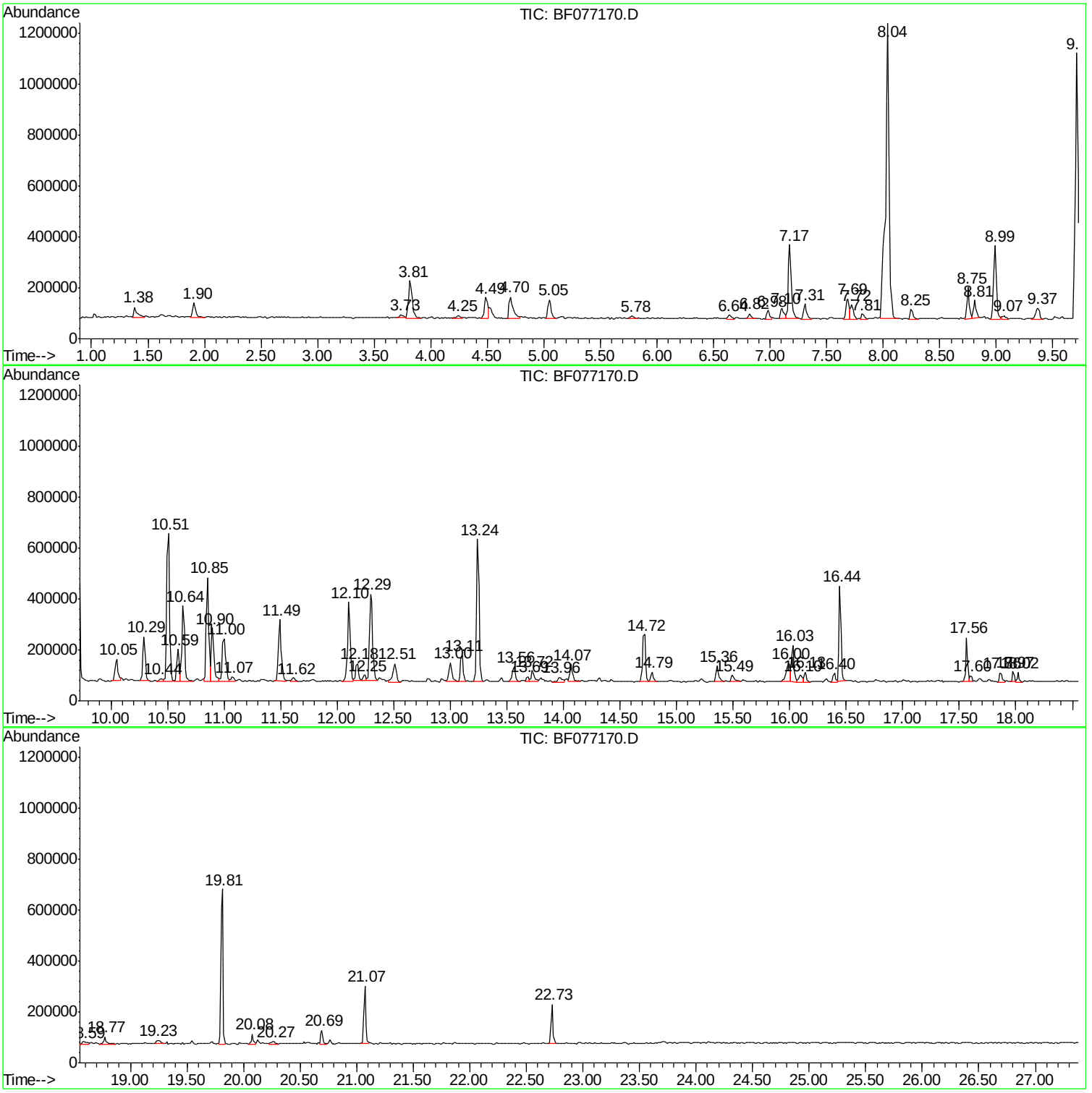
Sum of corrected areas: 18319328

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WW-051-13015

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 : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

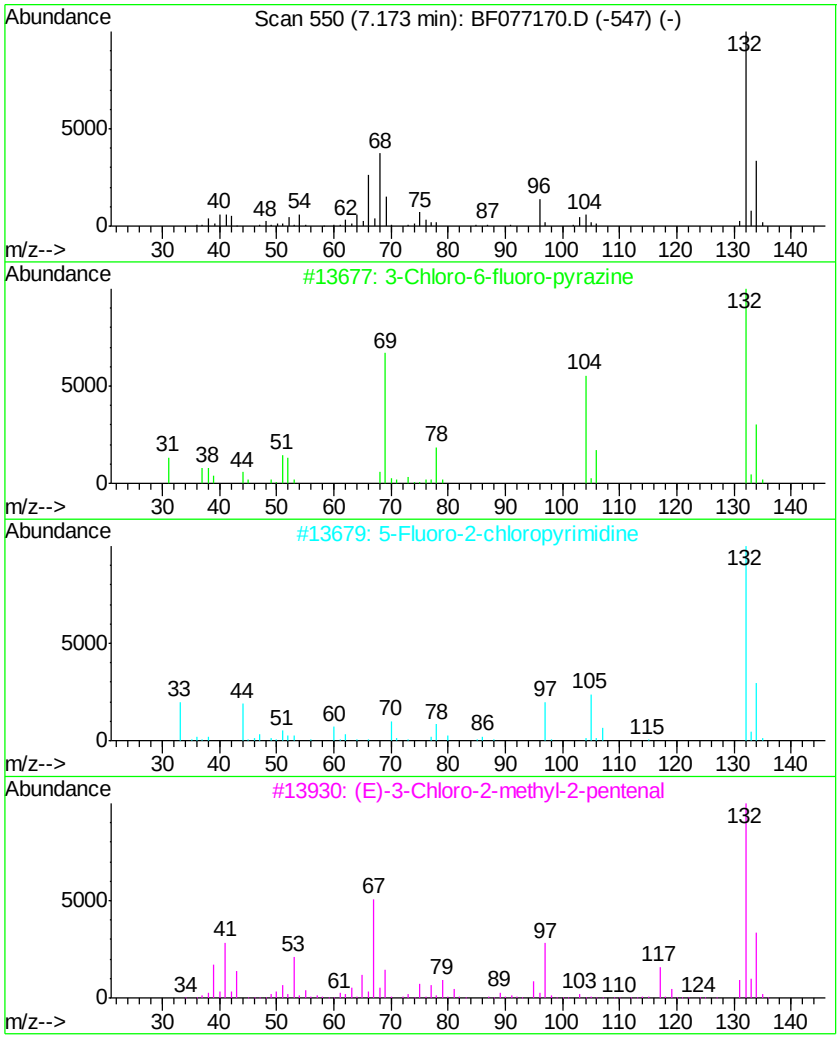
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

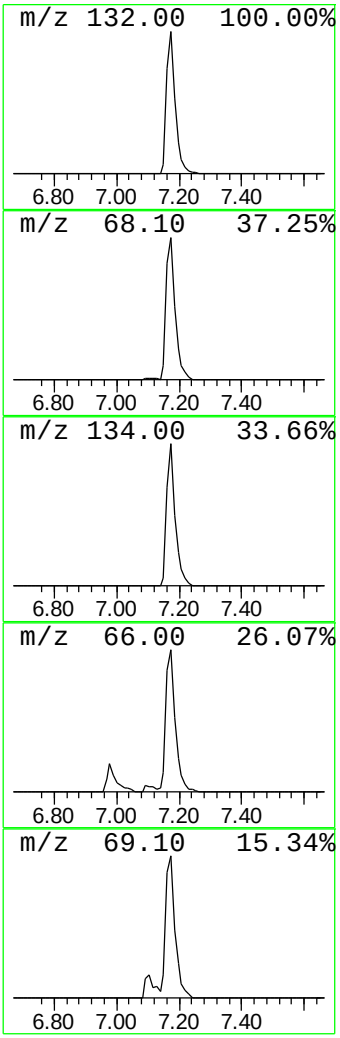
****

Peak Number 6 unknown7.17 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	78.23 ng	562399	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

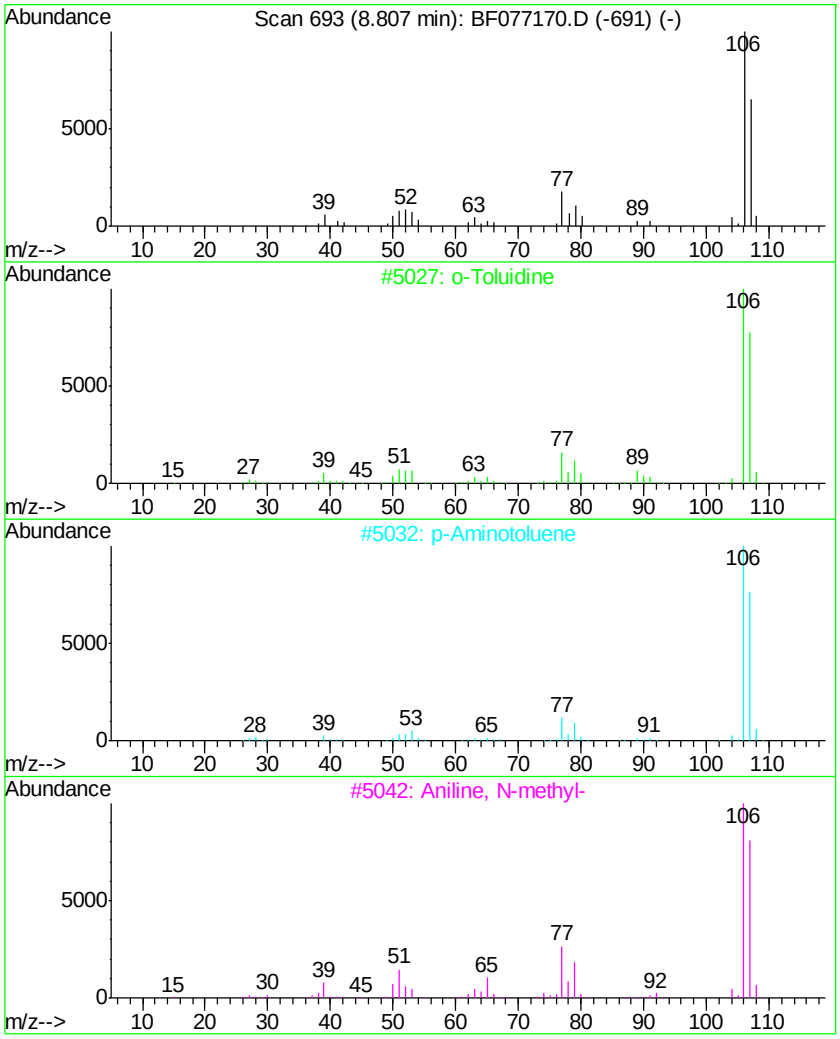
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

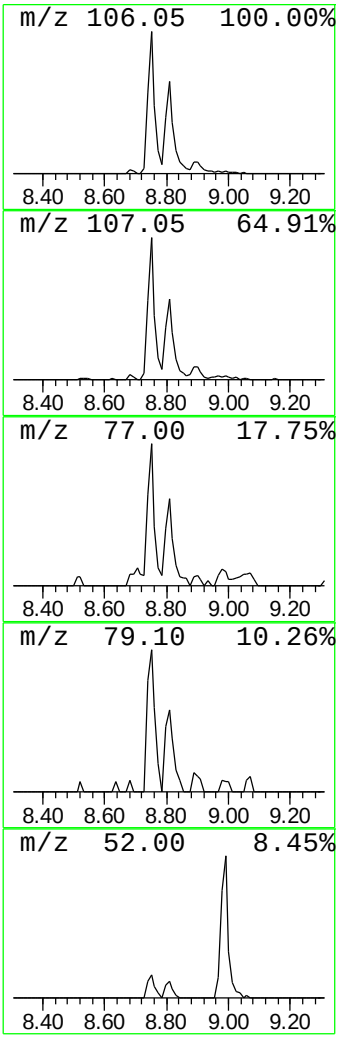
****

Peak Number 9 p-Aminotoluene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	16.61 ng	119402	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluidine	107	C7H9N	000095-53-4	95
2	p-Aminotoluene	107	C7H9N	000106-49-0	90
3	Aniline, N-methyl-	107	C7H9N	000100-61-8	87
4	Pyridine, 2-ethyl-	107	C7H9N	000100-71-0	83
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	70





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

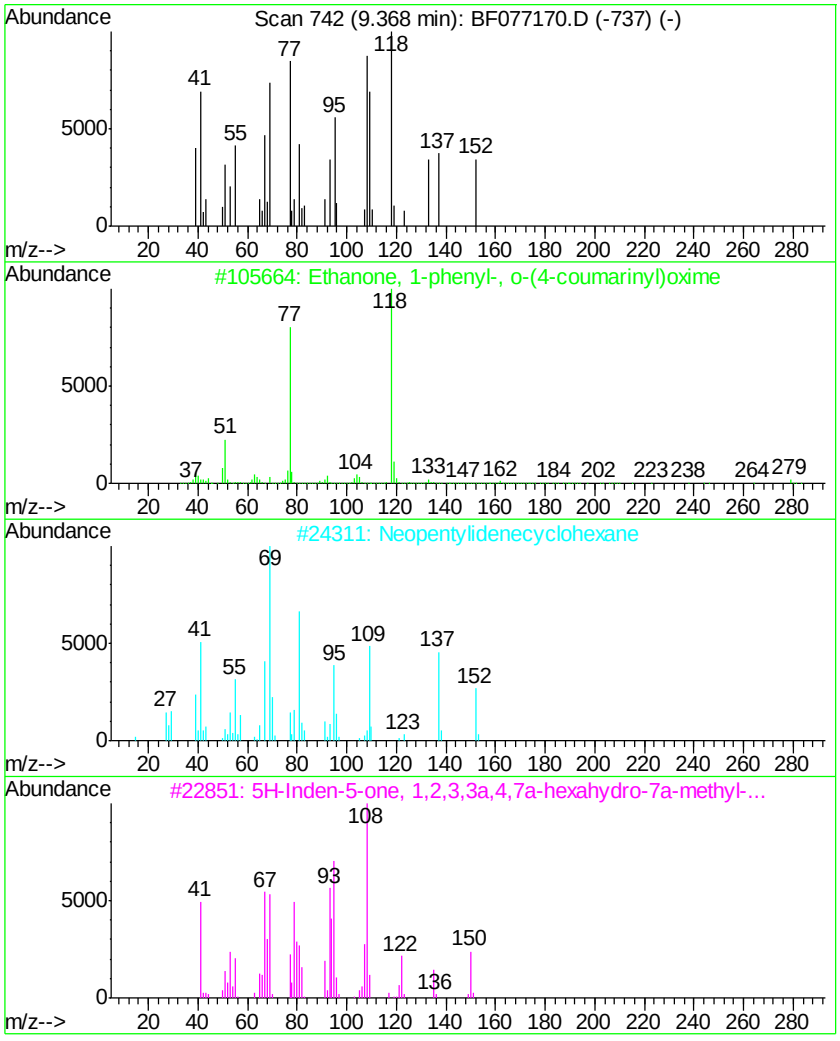
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

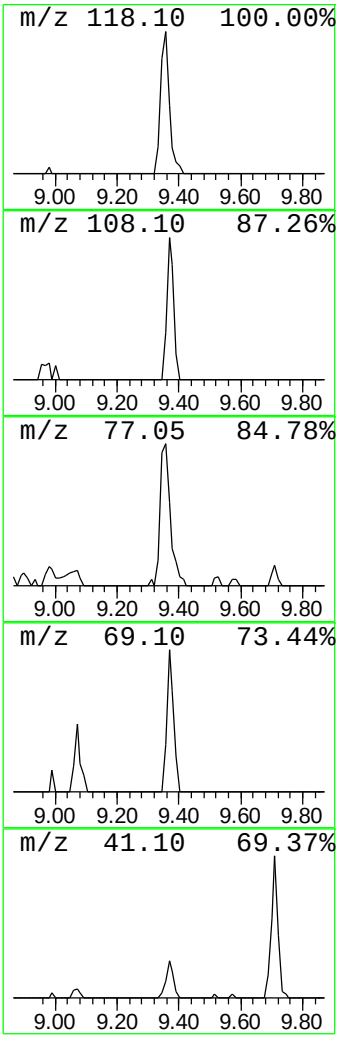
****

Peak Number 10 unknown9.37 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	10.66 ng	108603	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	14
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	12
3	5H-Inden-5-one, 1,2,3,3a,4,7a-he...	150	C10H14O	017429-25-3	12
4	2(1H)-Pyridinone, 1,3,6-trimethyl-	137	C8H11NO	063996-21-4	11
5	2,3,4-Trimethylpyrrole	109	C7H11N	003855-78-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

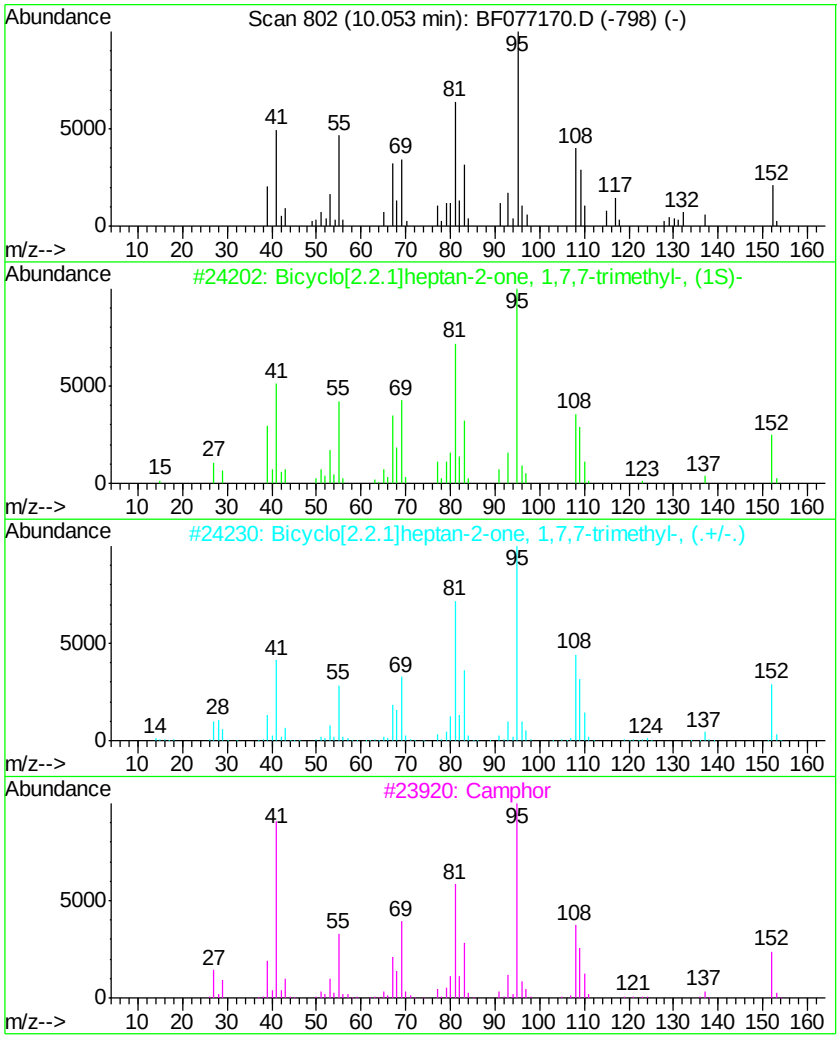
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

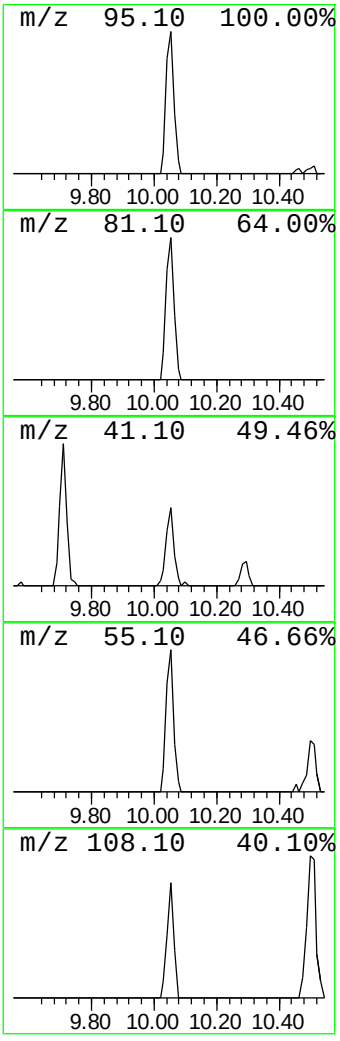
****

Peak Number 12 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	16.20 ng	165011	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	96
3	Camphor	152	C10H16O	000076-22-2	96
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	96
5	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

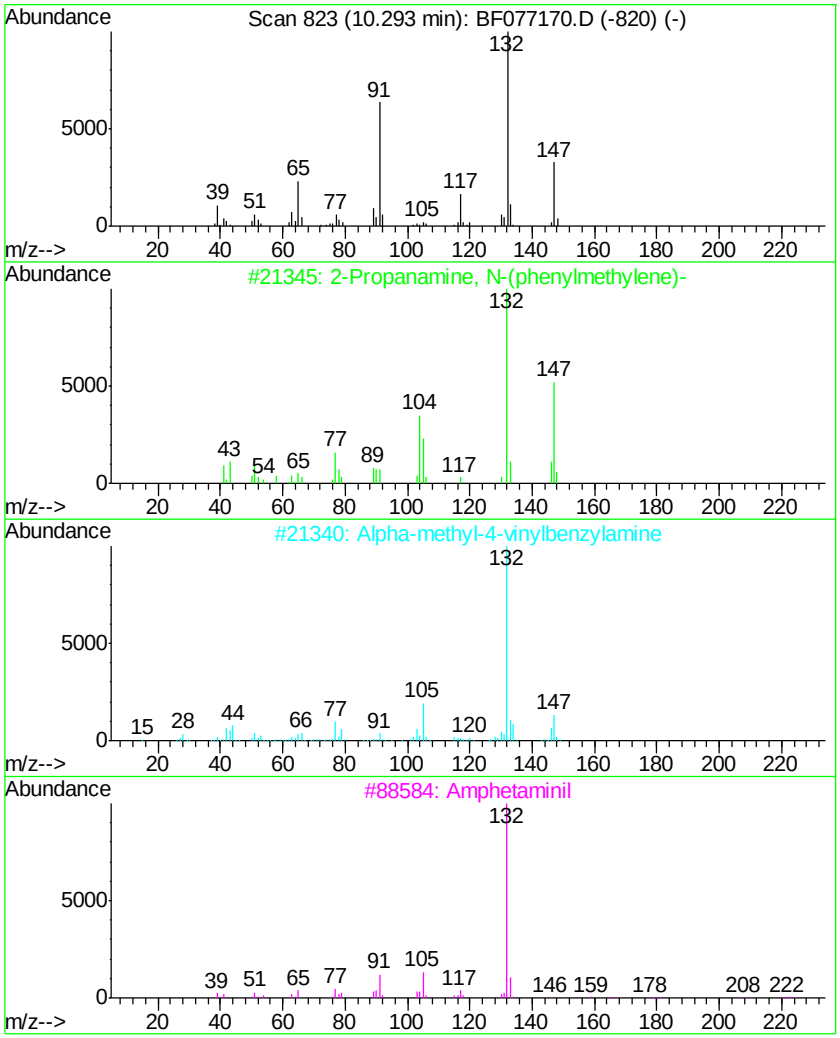
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

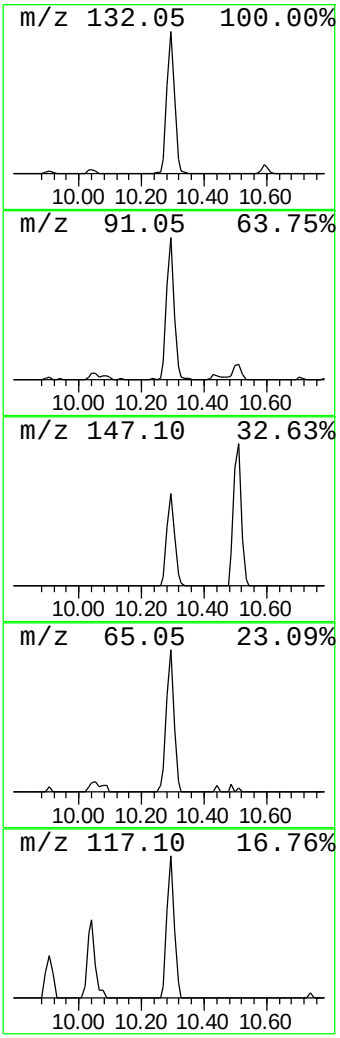
****

Peak Number 13 2-Propanamine, N-(phenylmet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	27.10 ng	276071	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanamine, N-(phenylmethylene)-	147	C10H13N	006852-56-8	53
2	Alpha-methyl-4-vinylbenzylamine	147	C10H13N	019303-08-3	53
3	Amphetaminil	250	C17H18N2	017590-01-1	50
4	Benzene, (1-isocyanatoethyl)-, (S)-	147	C9H9NO	014649-03-7	50
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

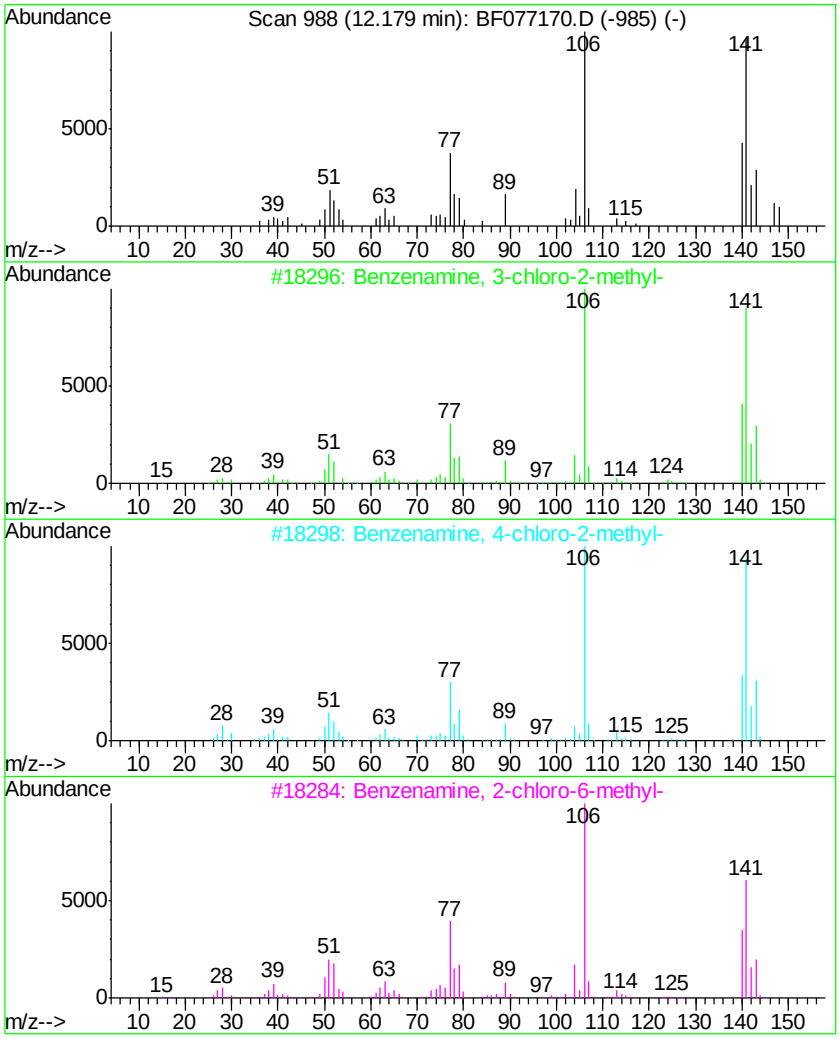
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

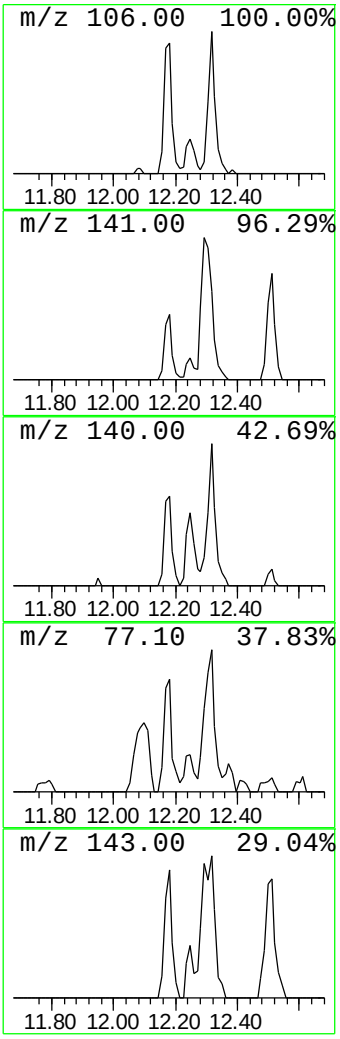
****

Peak Number 17 Benzenamine, 3-chloro-2-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	11.69 ng	119059	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	98
2	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	95
3	Benzenamine, 2-chloro-6-methyl-	141	C7H8ClN	000087-63-8	95
4	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	87
5	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	76





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

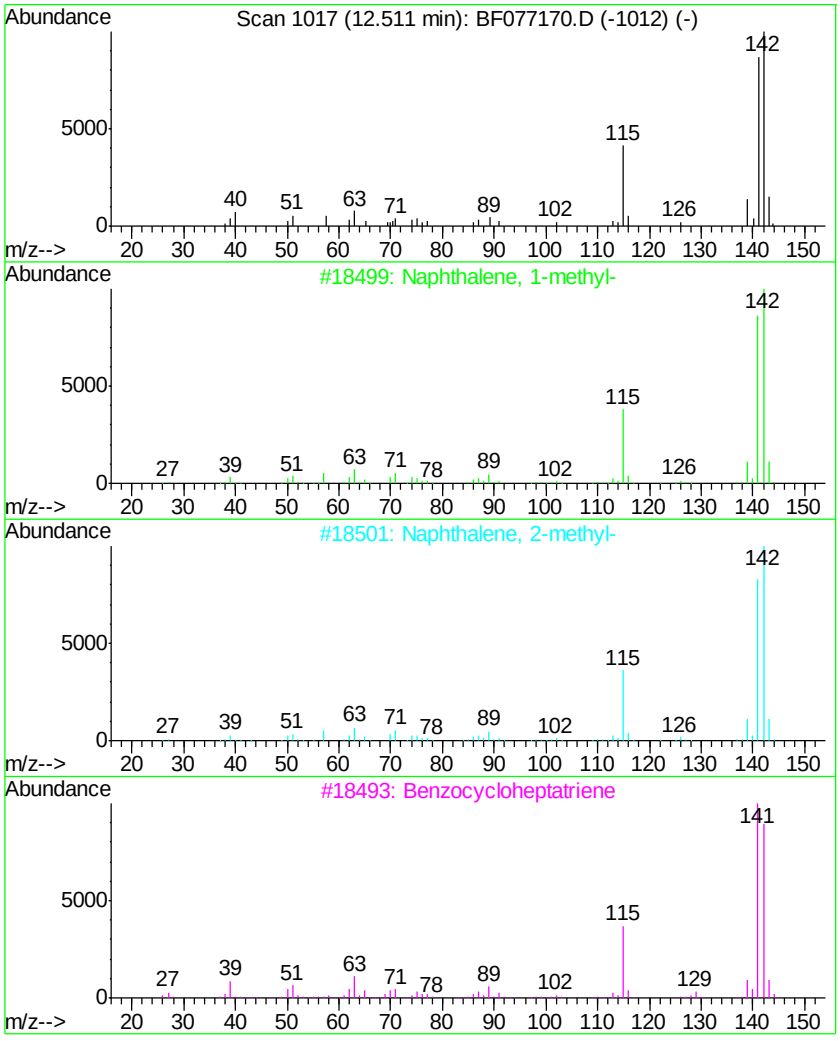
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

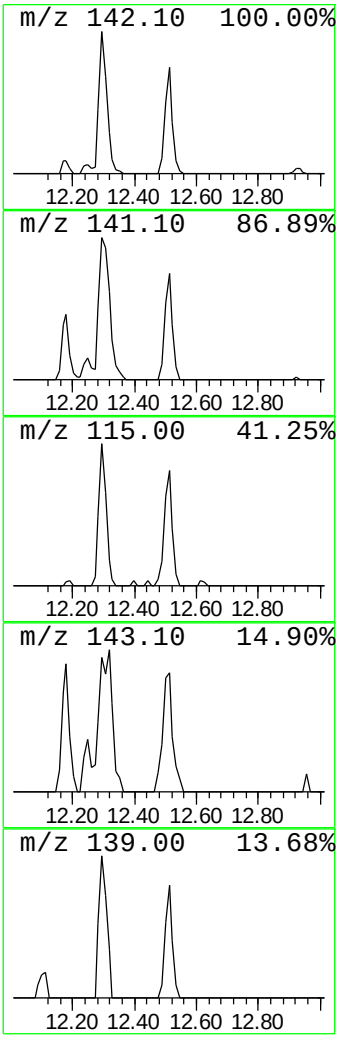
****

Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	14.55 ng	148216	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

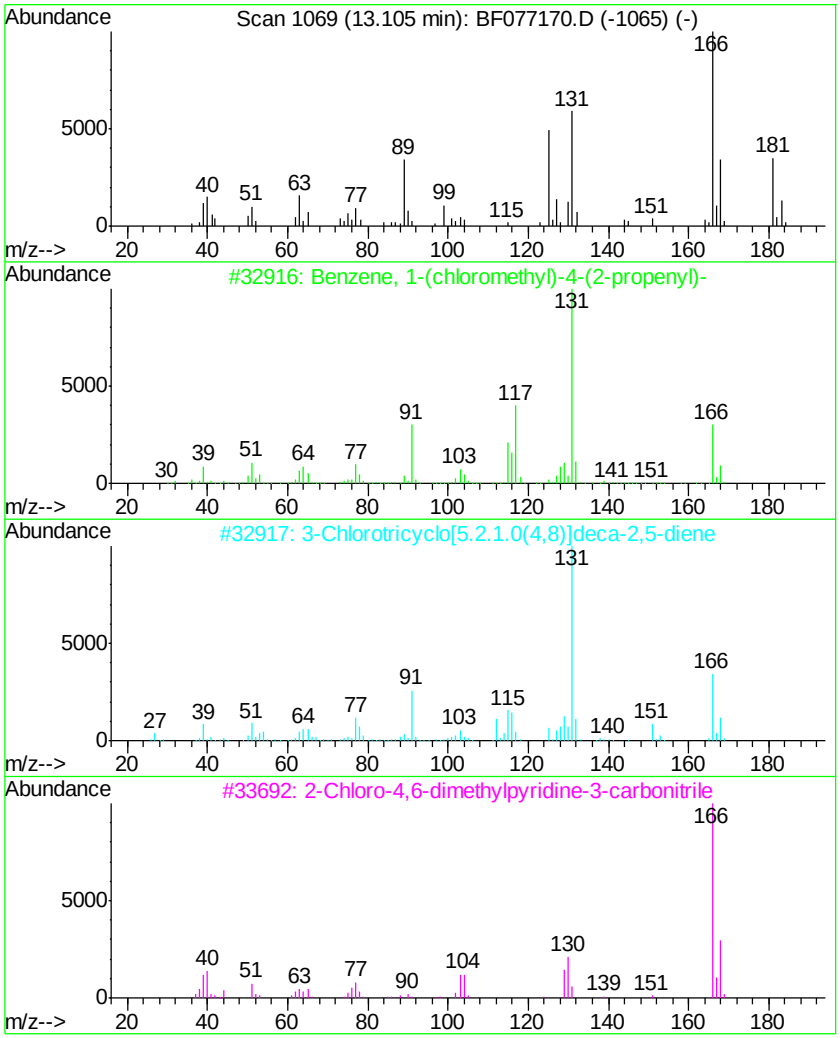
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

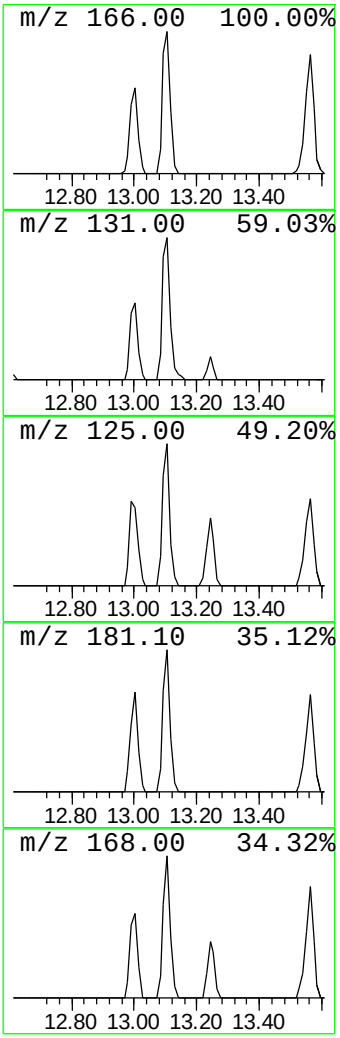
****

Peak Number 19 unknown13.11 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	10.42 ng	178284	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	43
2	3-Chlorotricyclo[5.2.1.0(4,8)]de...	166	C10H11Cl	074876-43-0	38
3	2-Chloro-4,6-dimethylpyridine-3-...	166	C8H7ClN2	014237-71-9	35
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	32
5	5'-Hydroxy-2'-nitroacetophenone	181	C8H7NO4	030879-49-3	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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

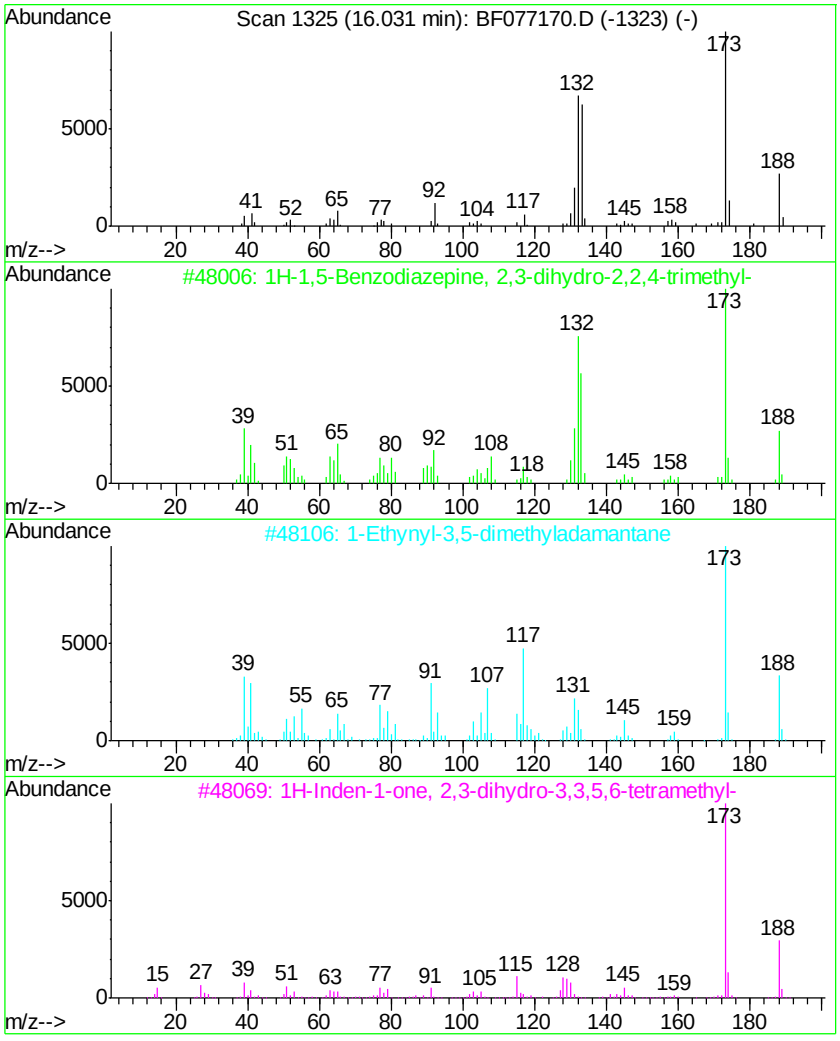
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

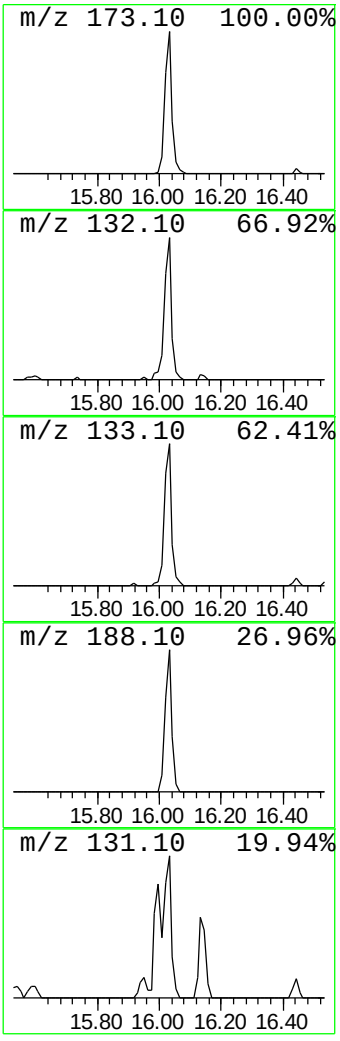
****

Peak Number 20 1H-1,5-Benzodiazepine, 2,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	13.09 ng	223987	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,5-Benzodiazepine, 2,3-dihyd...	188	C12H16N2	024107-34-4	72
2	1-Ethynyl-3,5-dimethyladamantane	188	C14H20	1000245-73-3	52
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	50
4	Benzimidazole, 5-tert-butyl-2-me...	188	C12H16N2	005805-62-9	43
5	Benzene, 1-(1-methylethyl)-4-(tr...	188	C10H11F3	032445-99-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020315\
Data File : BF077170.D
Acq On : 3 Feb 2015 20:01
Operator : TP/IZ
Sample : G1199-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DCW-WW-051-13015

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
unknown7.17	7.17	78.2	ng	562399	1	7.69	143775	20.0
p-Aminotoluene	8.81	16.6	ng	119402	1	7.69	143775	20.0
unknown9.37	9.37	10.7	ng	108603	2	10.59	203742	20.0
Bicyclo[2.2.1]hep...	10.05	16.2	ng	165011	2	10.59	203742	20.0
2-Propanamine, N-...	10.29	27.1	ng	276071	2	10.59	203742	20.0
Benzenamine, 3-ch...	12.18	11.7	ng	119059	2	10.59	203742	20.0
Naphthalene, 1-me...	12.51	14.6	ng	148216	2	10.59	203742	20.0
unknown13.11	13.11	10.4	ng	178284	3	14.71	342147	20.0
1H-1,5-Benzodiaze...	16.03	13.1	ng	223987	3	14.71	342147	20.0