

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077056.D
 Acq On : 26 Jan 2015 16:55
 Operator : TP/IZ
 Sample : G1052-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	1.407	26	28	31	rVV	27252	50801	2.37%	0.230%
2	1.464	31	33	36	rVB	26244	38489	1.79%	0.174%
3	3.830	237	240	249	rBV	33205	83350	3.88%	0.377%
4	4.790	322	324	336	rBV	183417	397823	18.54%	1.802%
5	5.716	398	405	409	rBV	16712	43684	2.04%	0.198%
6	7.179	531	533	537	rBV	110066	202608	9.44%	0.918%
7	7.259	537	540	549	rVB	534341	901279	41.99%	4.082%
8	7.762	581	584	589	rVB	131776	221089	10.30%	1.001%
9	7.853	589	592	596	rVB	23744	39946	1.86%	0.181%
10	8.093	609	613	616	rBV	508281	905680	42.20%	4.102%
11	8.276	626	629	633	rBV	118593	212263	9.89%	0.961%
12	8.345	633	635	637	rVV	15792	31177	1.45%	0.141%
13	8.390	637	639	642	rVB	19833	34336	1.60%	0.156%
14	8.573	650	655	661	rBV6	18312	59220	2.76%	0.268%
15	8.802	670	675	679	rBV	71001	137219	6.39%	0.621%
16	8.939	682	687	688	rBV5	10210	30309	1.41%	0.137%
17	8.973	688	690	695	rVB	79240	132123	6.16%	0.598%
18	9.076	695	699	702	rBV	449649	756232	35.23%	3.425%
19	9.190	706	709	711	rBV	38112	63129	2.94%	0.286%
20	9.248	711	714	718	rBV	28865	49059	2.29%	0.222%
21	9.362	718	724	726	rBV3	38394	120573	5.62%	0.546%
22	9.453	730	732	736	rVB2	60957	111491	5.19%	0.505%
23	9.579	738	743	749	rVB6	38970	132476	6.17%	0.600%
24	9.773	756	760	767	rVB4	70459	224750	10.47%	1.018%
25	9.888	767	770	773	rBV3	16379	31673	1.48%	0.143%
26	10.025	777	782	784	rBV4	45684	125198	5.83%	0.567%
27	10.162	791	794	796	rVB	38760	65929	3.07%	0.299%
28	10.379	810	813	819	rVB5	40351	124545	5.80%	0.564%
29	10.516	819	825	826	rBV4	14225	42804	1.99%	0.194%
30	10.596	830	832	835	rVB2	23374	41728	1.94%	0.189%
31	10.676	836	839	844	rVB	217375	365988	17.05%	1.658%
32	10.779	844	848	851	rBV3	44824	135045	6.29%	0.612%
33	10.871	854	856	860	rVB4	49180	100455	4.68%	0.455%
34	11.088	873	875	877	rVB	31048	46494	2.17%	0.211%

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35	11.156	877	881	887	rBV7	30049	119115	5.55%	0.539%
36	11.305	887	894	898	rVB6	50665	183906	8.57%	0.833%
37	11.431	898	905	907	rBV6	38809	125840	5.86%	0.570%
38	11.499	907	911	912	rBV2	28409	53910	2.51%	0.244%
39	11.568	915	917	920	rVV3	30004	80285	3.74%	0.364%
40	11.636	920	923	928	rVB4	44005	125671	5.86%	0.569%
41	11.751	928	933	935	rBV4	23948	63429	2.96%	0.287%
42	11.842	938	941	945	rBV4	41029	118352	5.51%	0.536%
43	11.934	945	949	952	rVV	254754	461654	21.51%	2.091%
44	11.991	952	954	960	rVB4	62821	179976	8.39%	0.815%
45	12.105	960	964	965	rBV3	29319	70129	3.27%	0.318%
46	12.151	965	968	975	rVB2	90462	276237	12.87%	1.251%
47	12.311	975	982	984	rBV4	41030	151549	7.06%	0.686%
48	12.402	984	990	993	rVV3	40867	128525	5.99%	0.582%
49	12.551	999	1003	1006	rBV3	65927	177130	8.25%	0.802%
50	12.665	1010	1013	1016	rVV3	27957	59384	2.77%	0.269%
51	12.768	1016	1022	1024	rVV3	75925	265874	12.39%	1.204%
52	12.825	1024	1027	1032	rVV2	99620	305588	14.24%	1.384%
53	12.974	1036	1040	1043	rVV3	53886	140544	6.55%	0.637%
54	13.054	1043	1047	1049	rVV4	44796	144057	6.71%	0.652%
55	13.111	1049	1052	1055	rVV3	107961	298010	13.88%	1.350%
56	13.339	1065	1072	1076	rVV	1184601	2146280	100.00%	9.720%
57	13.419	1076	1079	1083	rVB4	38856	88332	4.12%	0.400%
58	13.499	1083	1086	1088	rVB4	34550	66607	3.10%	0.302%
59	13.557	1088	1091	1093	rBV2	53451	79160	3.69%	0.359%
60	13.614	1093	1096	1098	rBV4	48984	105449	4.91%	0.478%
61	13.659	1098	1100	1105	rVV5	66934	165726	7.72%	0.751%
62	13.774	1107	1110	1114	rVV5	42607	135094	6.29%	0.612%
63	13.877	1116	1119	1121	rVB2	44535	85957	4.00%	0.389%
64	14.117	1138	1140	1143	rBV2	36037	51827	2.41%	0.235%
65	14.219	1147	1149	1152	rVV2	61190	114177	5.32%	0.517%
66	14.311	1154	1157	1161	rVV6	55963	167742	7.82%	0.760%
67	14.402	1161	1165	1169	rVV4	71714	325251	15.15%	1.473%
68	14.471	1169	1171	1174	rVV	109432	219278	10.22%	0.993%
69	14.574	1178	1180	1183	rBV3	41742	89543	4.17%	0.406%
70	14.700	1189	1191	1192	rBV	53271	87772	4.09%	0.398%
71	14.802	1197	1200	1205	rBV	238900	453207	21.12%	2.053%

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72	14.962	1211	1214	1220	rVB4	105468	319378	14.88%	1.446%
73	15.157	1227	1231	1237	rBV6	90093	285333	13.29%	1.292%
74	15.374	1246	1250	1255	rBV4	61680	243529	11.35%	1.103%
75	15.454	1255	1257	1260	rVB3	51020	100178	4.67%	0.454%
76	15.602	1262	1270	1272	rBV	183608	618452	28.82%	2.801%
77	15.660	1272	1275	1278	rBV4	53829	133268	6.21%	0.604%
78	15.751	1278	1283	1284	rBV2	217416	530170	24.70%	2.401%
79	15.854	1289	1292	1294	rBV2	173999	336037	15.66%	1.522%
80	15.911	1294	1297	1301	rVV2	135407	301569	14.05%	1.366%
81	15.980	1301	1303	1307	rVV3	65543	117564	5.48%	0.532%
82	16.060	1308	1310	1313	rVV3	28992	40595	1.89%	0.184%
83	16.174	1318	1320	1321	rBV2	27352	42365	1.97%	0.192%
84	16.311	1327	1332	1334	rBV2	73777	170971	7.97%	0.774%
85	16.391	1336	1339	1342	rVB3	115746	254571	11.86%	1.153%
86	16.528	1347	1351	1354	rVB2	704237	1079018	50.27%	4.887%
87	16.597	1354	1357	1361	rBV5	35195	96066	4.48%	0.435%
88	16.711	1364	1367	1369	rVV2	59448	137414	6.40%	0.622%
89	16.768	1371	1372	1375	rVB	60703	55058	2.57%	0.249%
90	17.088	1398	1400	1405	rBV6	39892	110053	5.13%	0.498%
91	17.168	1405	1407	1411	rVB4	45853	89238	4.16%	0.404%
92	17.408	1426	1428	1430	rBV2	53431	97443	4.54%	0.441%
93	17.454	1430	1432	1435	rVB2	58243	95567	4.45%	0.433%
94	17.637	1445	1448	1450	rBV	314953	380072	17.71%	1.721%
95	18.277	1502	1504	1506	rVB	42050	58351	2.72%	0.264%
96	18.666	1535	1538	1542	rBV	129015	206446	9.62%	0.935%
97	19.683	1624	1627	1633	rVB	89939	147695	6.88%	0.669%
98	19.877	1641	1644	1647	rVB	1013339	1354084	63.09%	6.132%
99	21.146	1751	1755	1757	rBV	268333	401385	18.70%	1.818%
100	22.803	1897	1900	1902	rBV	217703	309118	14.40%	1.400%

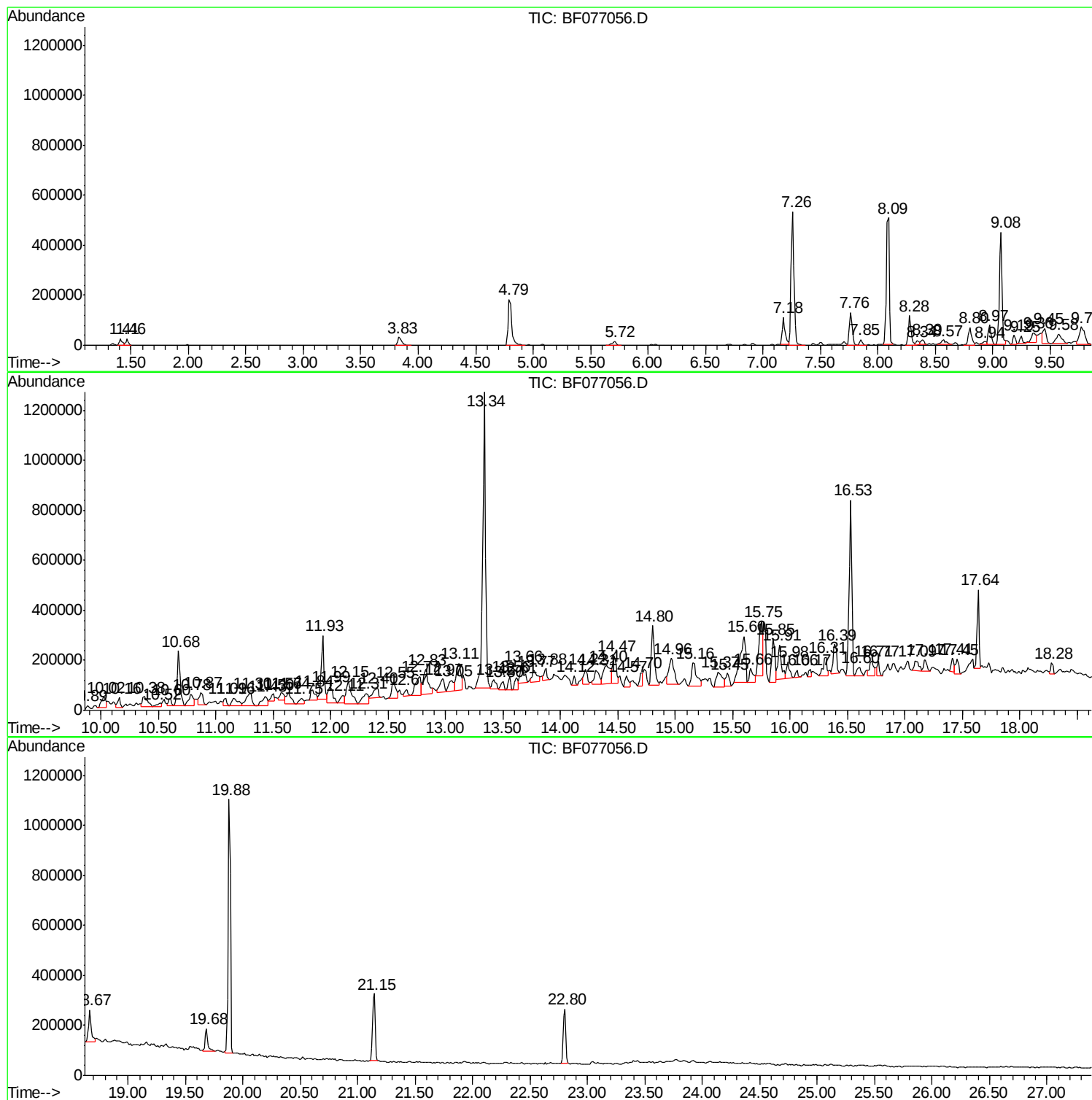
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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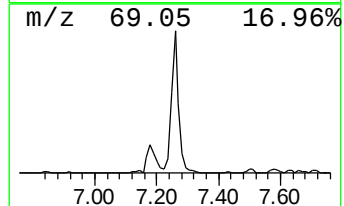
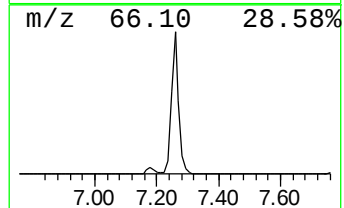
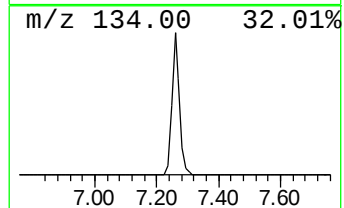
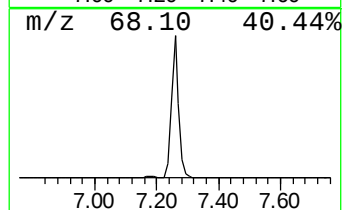
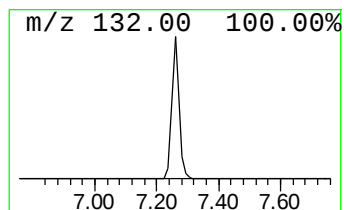
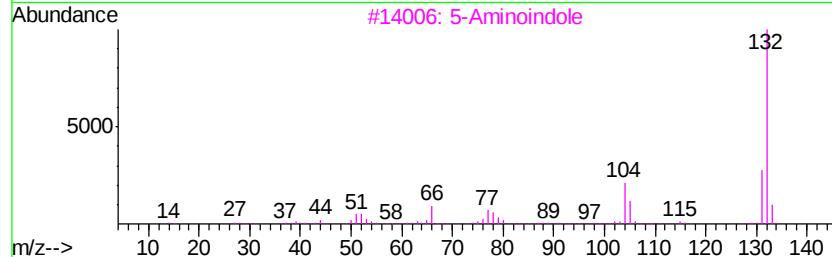
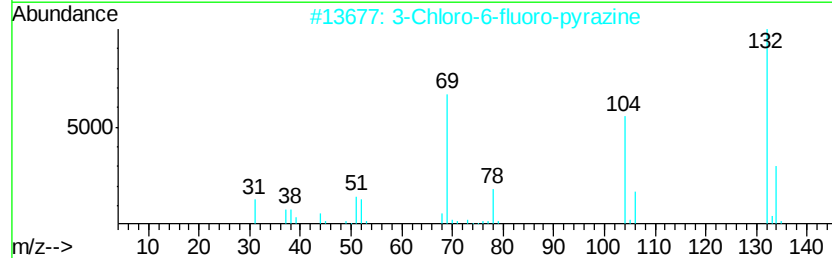
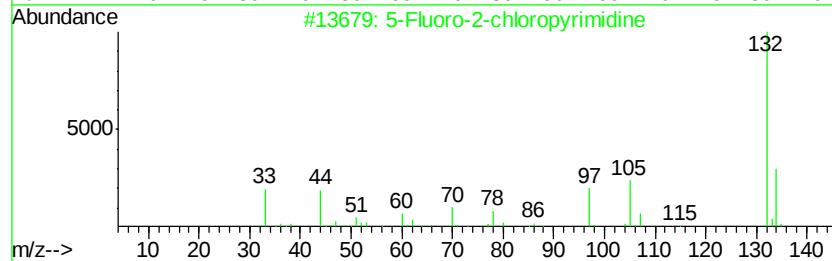
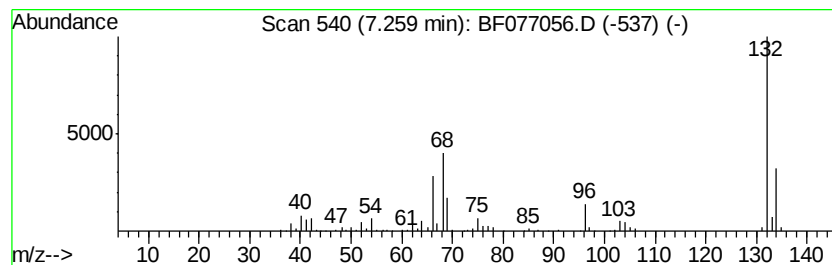
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	81.53 ng	901279	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
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



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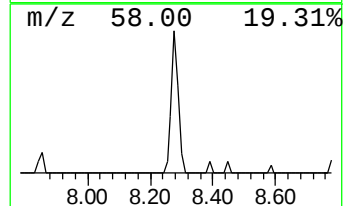
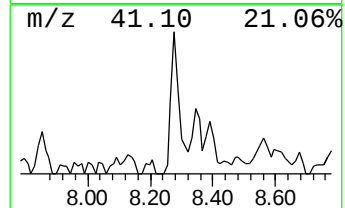
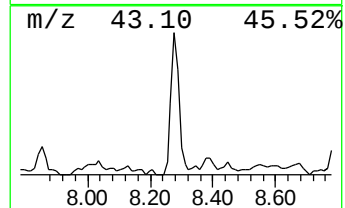
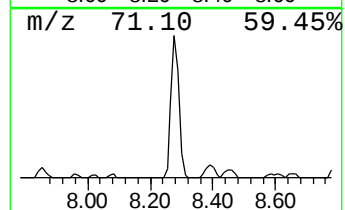
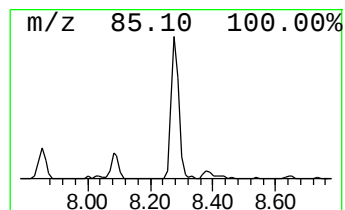
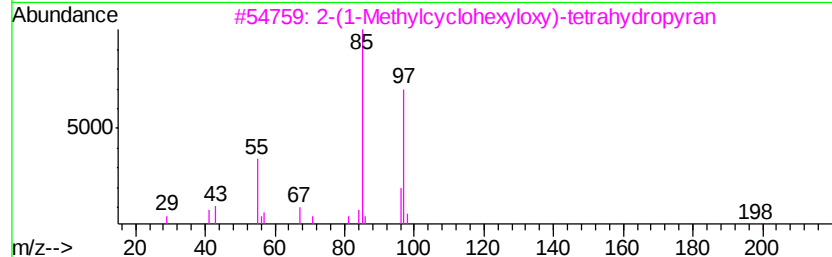
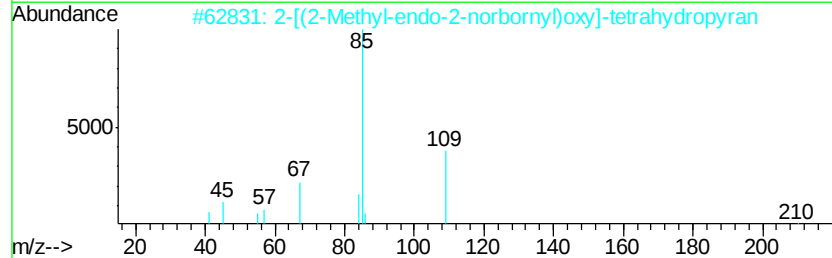
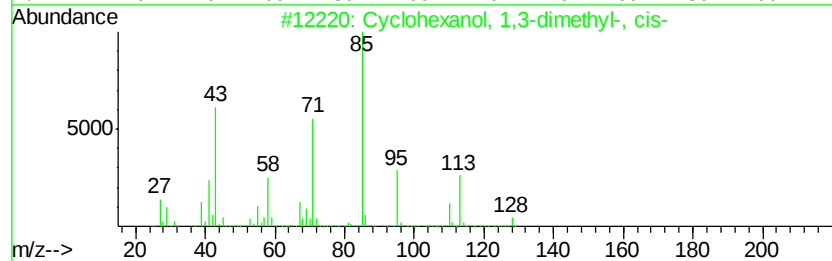
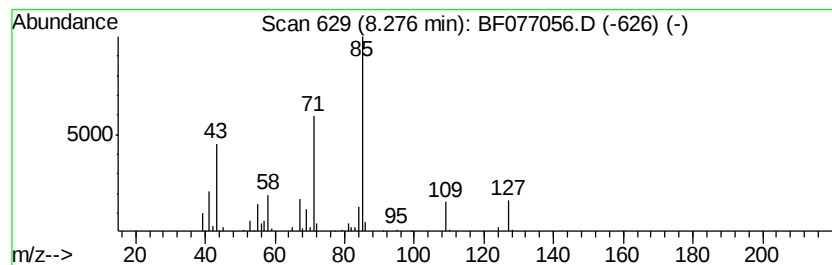
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	19.20 ng	212263	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	56
2		2-[(2-Methyl-endo-2-norbornyl)ox...	210	C13H22O2	1000144-72-1	43
3		2-(1-Methylcyclohexyloxy)-tetrah...	198	C12H22O2	072347-38-7	37
4		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	35
5		1-Methoxy-3-methyl-2-butene	100	C6H12O	022093-99-8	35



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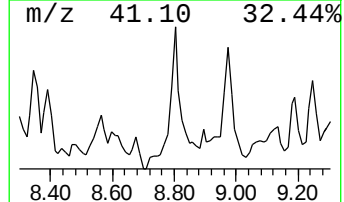
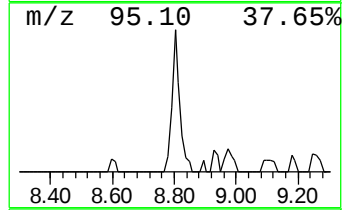
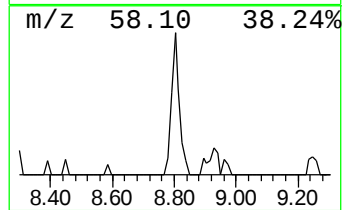
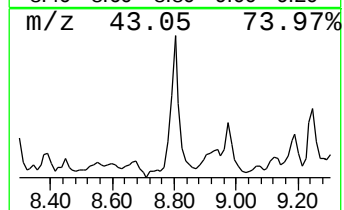
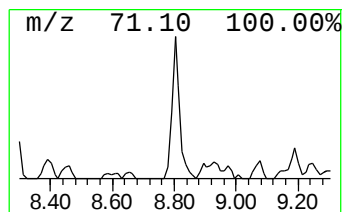
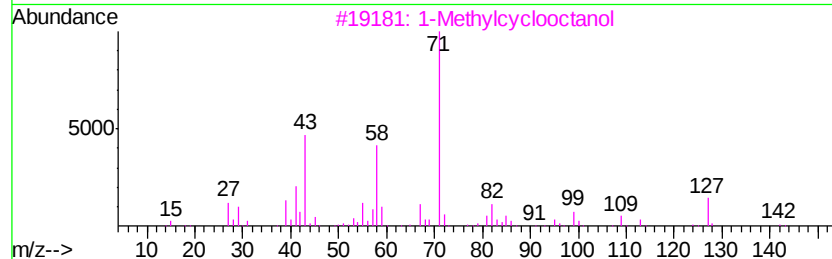
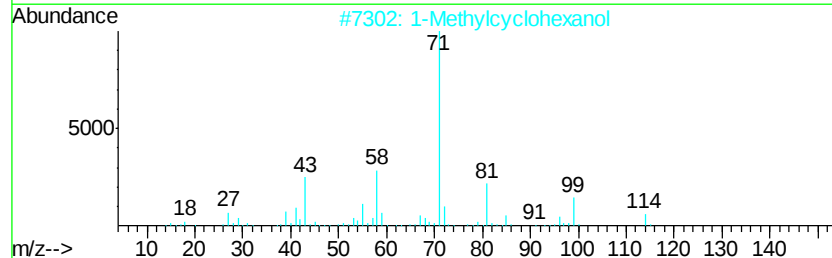
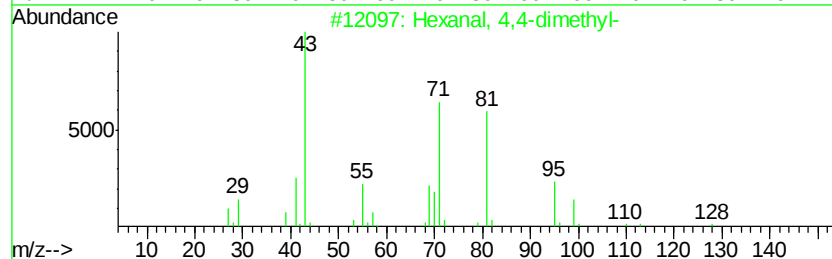
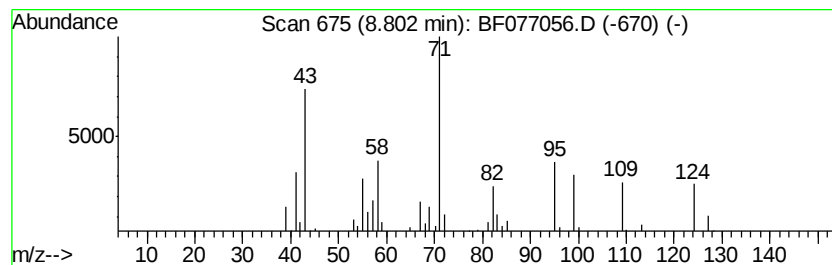
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Peak Number 4 unknown8.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	12.41 ng	137219	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal, 4,4-dimethyl-	128	C8H16O	005932-91-2	46
2		1-Methylcyclohexanol	114	C7H14O	000590-67-0	43
3		1-Methylcyclooctanol	142	C9H18O	059123-41-0	38
4		4-Nonanone, 7-ethyl-	170	C11H22O	040237-88-5	32
5		1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
Operator : TP/IZ
Sample : G1052-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409B

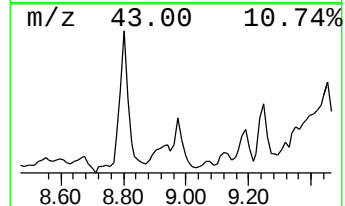
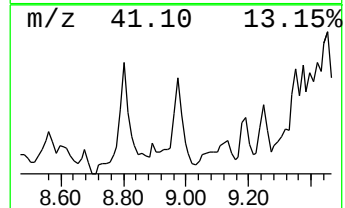
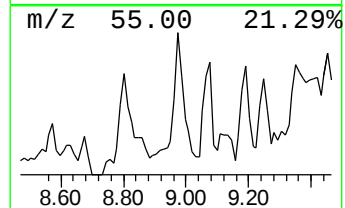
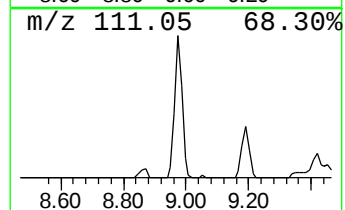
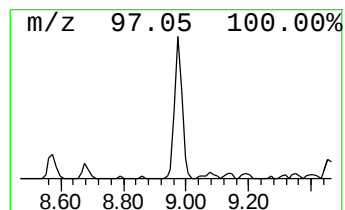
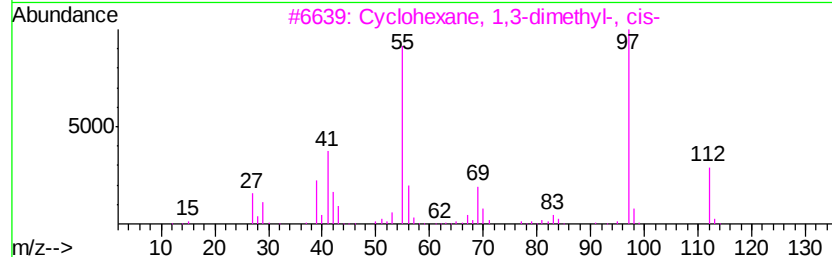
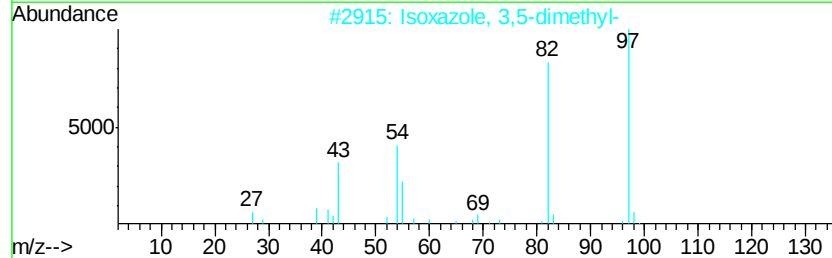
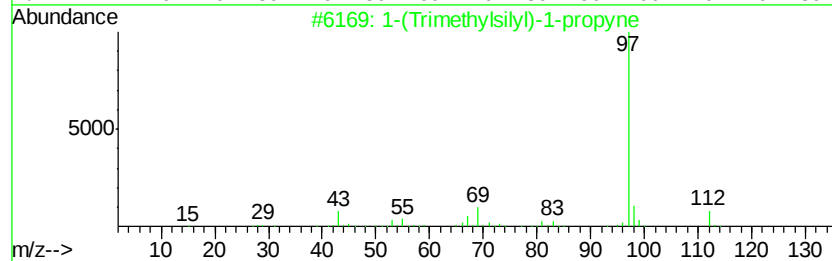
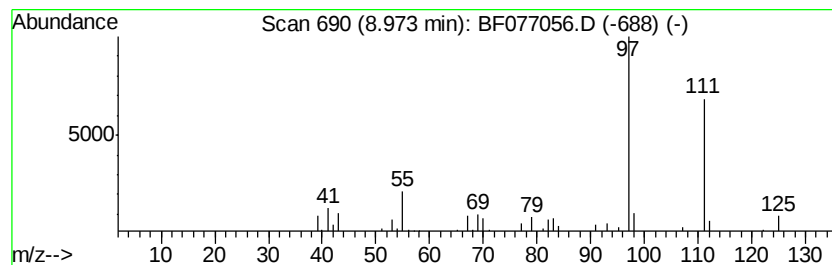
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.97 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	11.95 ng	132123	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	47
2		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	46
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	37
4		2-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	021378-21-2	37
5		Dicyclohexyl methylphosphonate	260	C13H25O3P	007040-53-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
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Misc :
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ClientSampleId :
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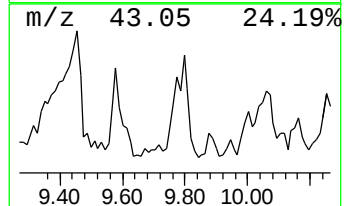
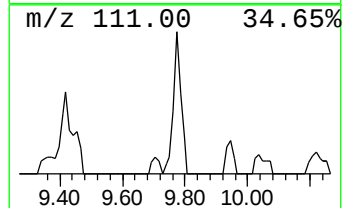
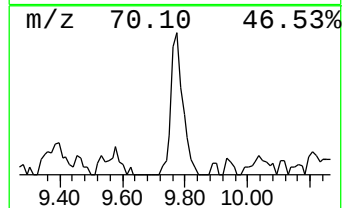
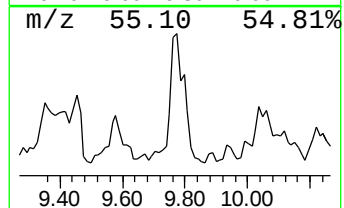
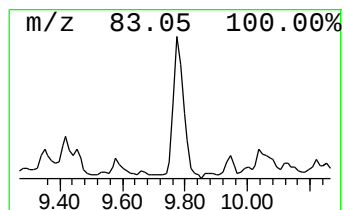
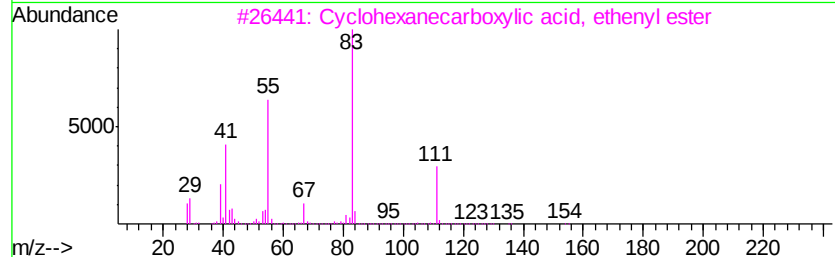
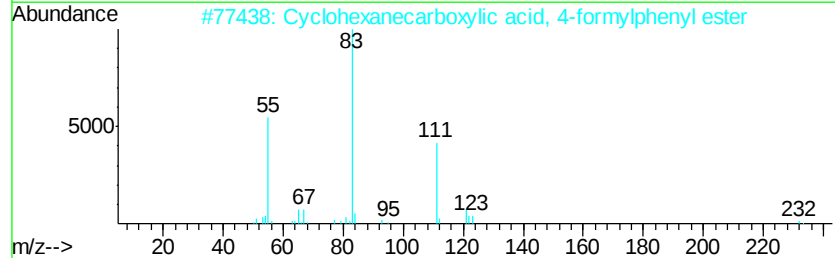
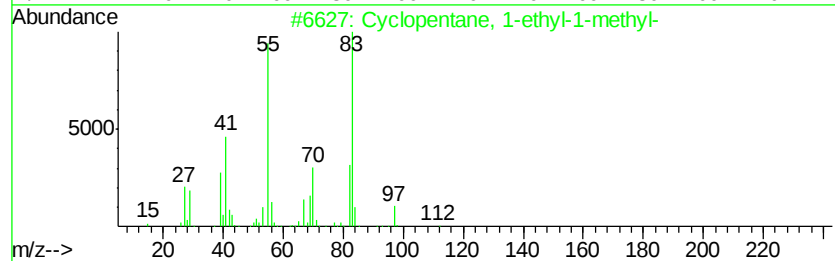
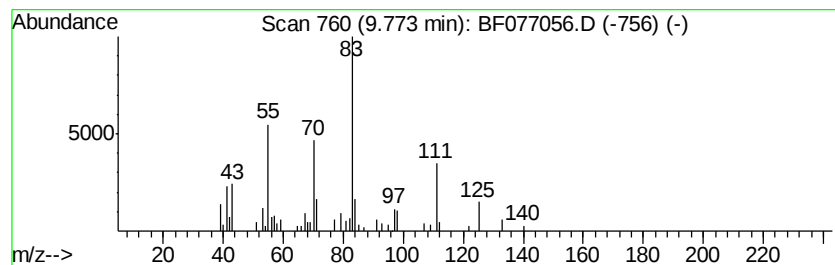
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.77 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	12.28 ng	224750	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	47
2		Cyclohexanecarboxylic acid, 4-formylphenyl ester	232	C14H16O3	146606-04-4	43
3		Cyclohexanecarboxylic acid, ethyl ester	154	C9H14O2	004840-76-0	43
4		Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	43
5		t-Butyl cyclohexaneperoxydicarboxylic acid	200	C11H20O3	020396-49-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
Operator : TP/IZ
Sample : G1052-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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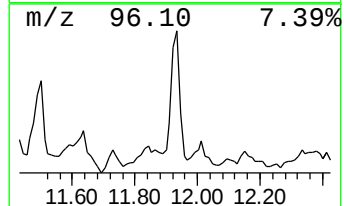
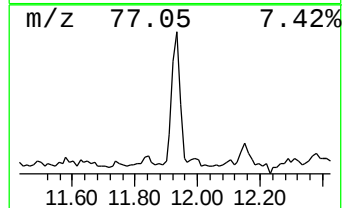
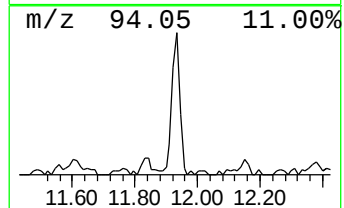
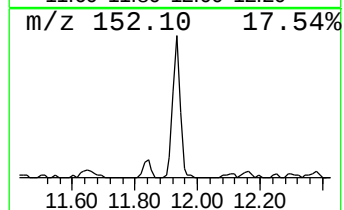
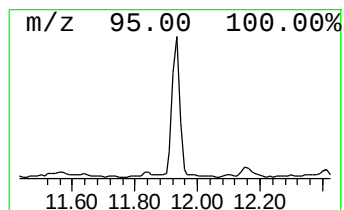
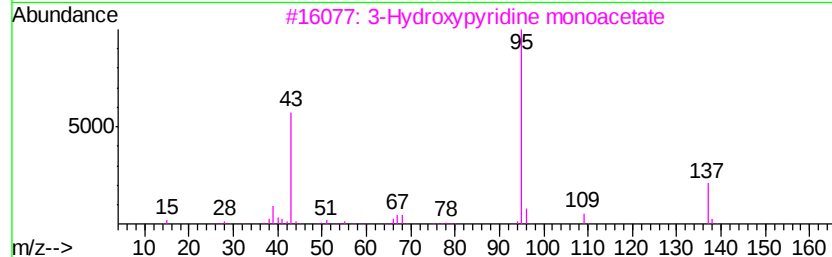
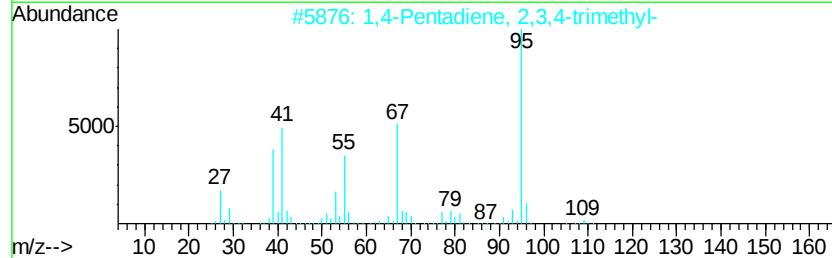
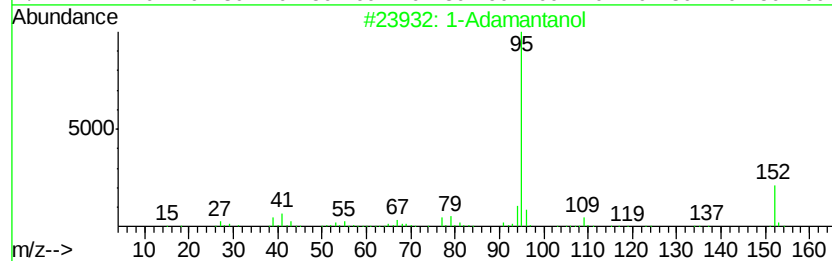
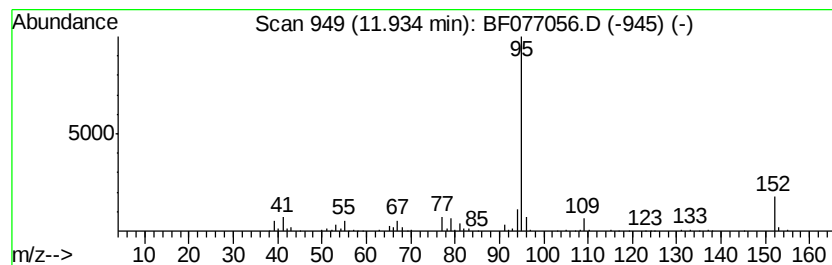
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Adamantanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	25.23 ng	461654	Napthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	91
2		1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	45
3		3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	42
4		1H-Pyrrole-2-carboxaldehyde	95	C5H5NO	001003-29-8	40
5		Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	39



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
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Sample : G1052-05
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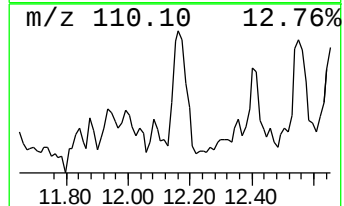
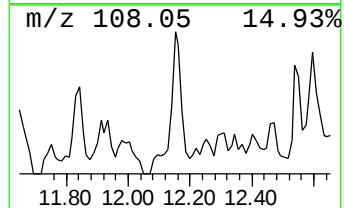
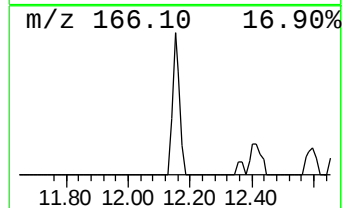
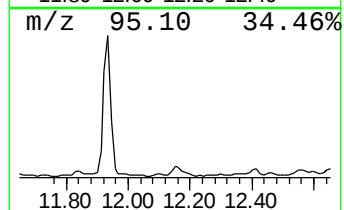
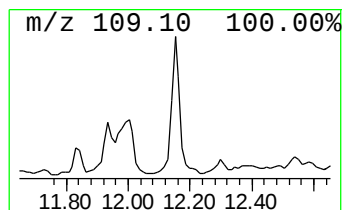
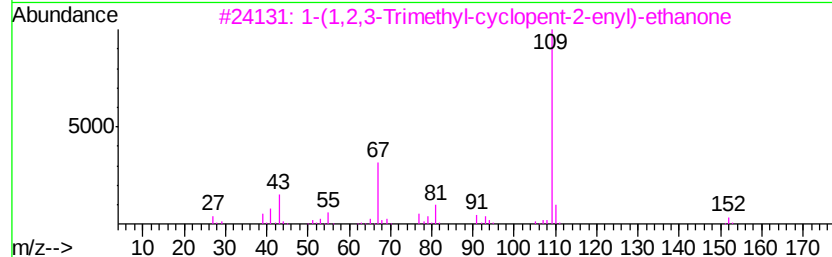
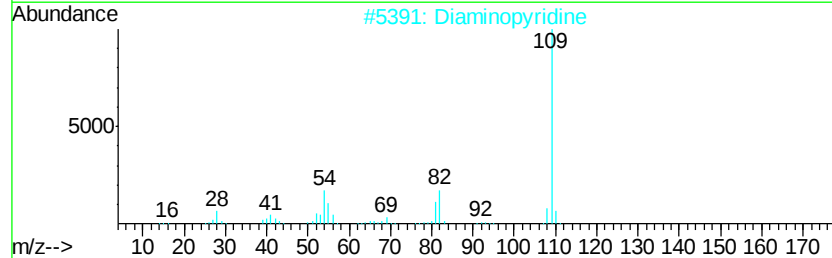
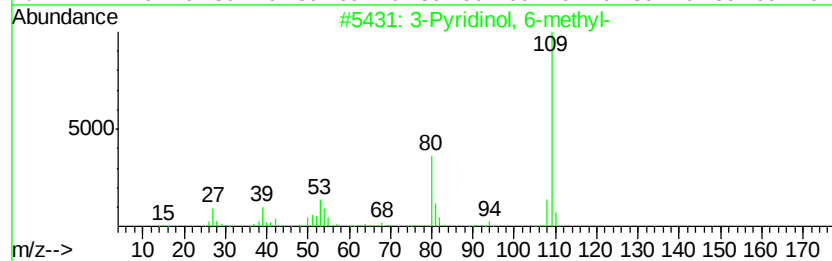
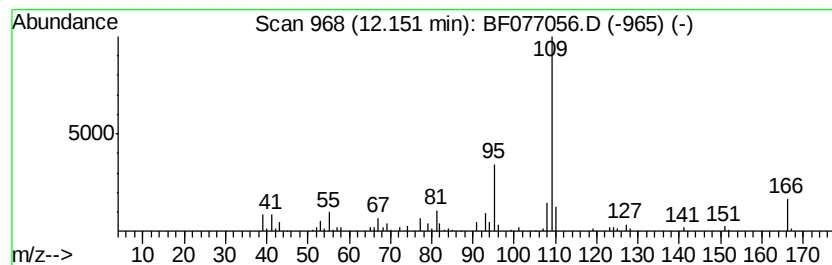
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Pyridinol, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.15	15.10 ng	276237	Napthalene-d8	10.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinol, 6-methyl-	109	C6H7NO	001121-78-4	53
2	Diaminopyridine	109	C5H7N3	004318-76-7	52
3	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	50
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	50
5	Phenol, 3-amino-	109	C6H7NO	000591-27-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
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Misc :
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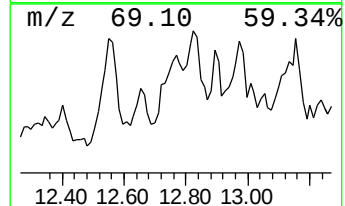
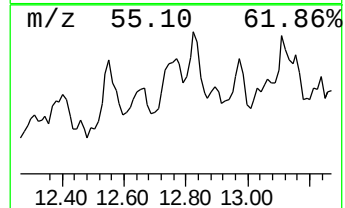
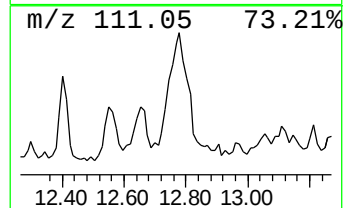
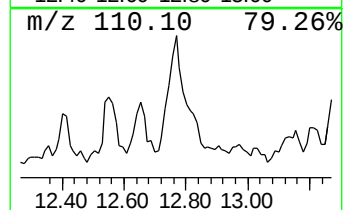
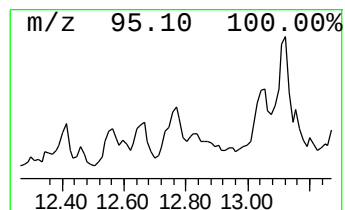
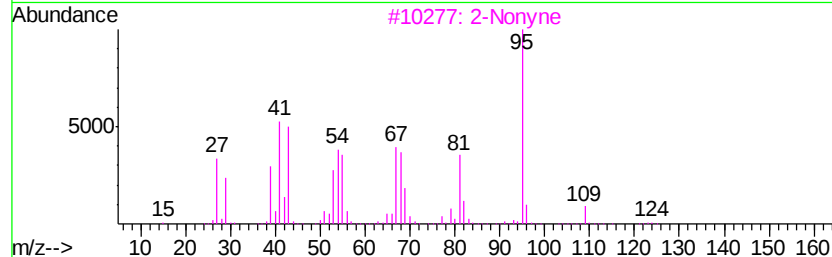
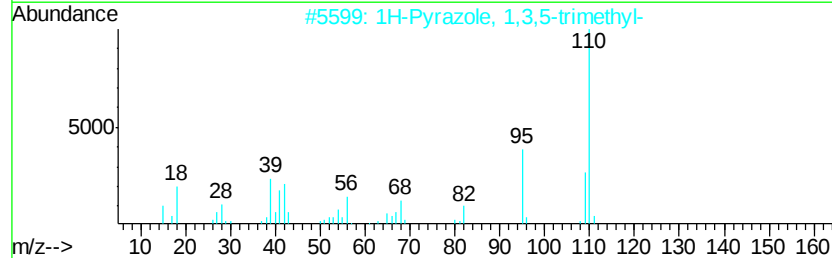
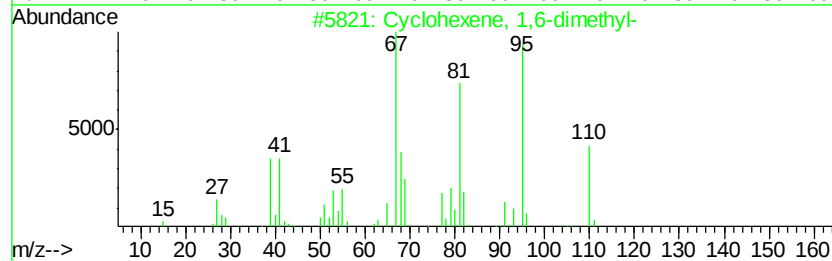
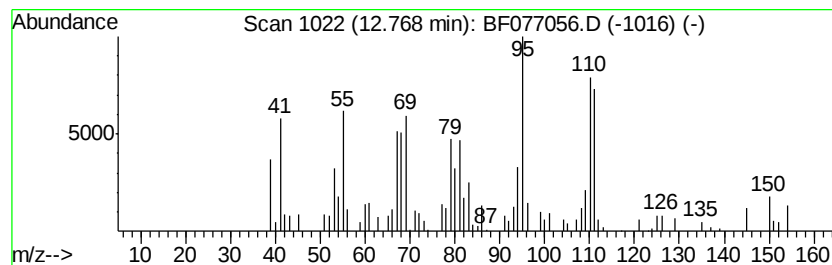
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	11.73 ng	265874	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	45
2		1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	38
3		2-Nonyne	124	C9H16	019447-29-1	38
4		1,4-Dimethyl-1-cyclohexene	110	C8H14	070688-47-0	38
5		Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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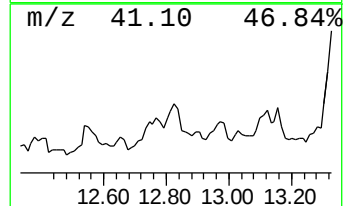
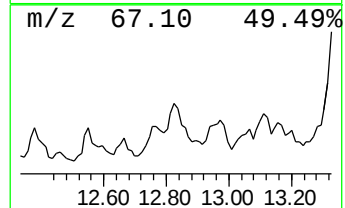
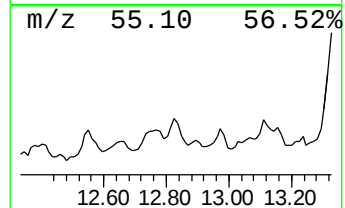
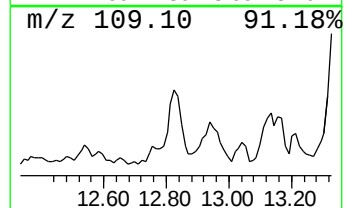
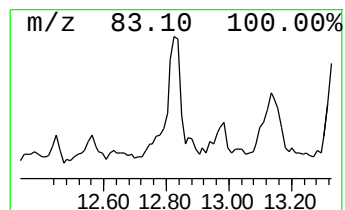
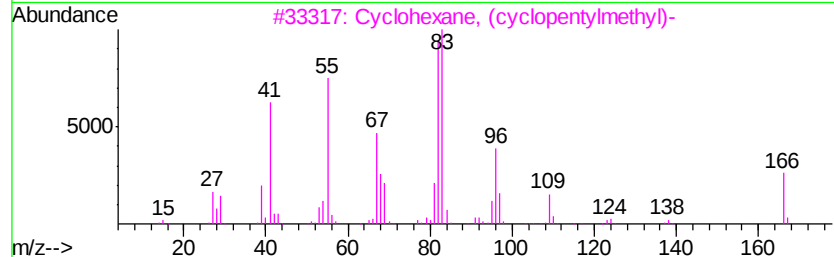
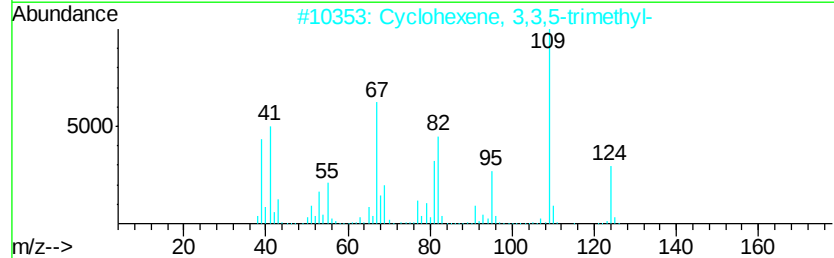
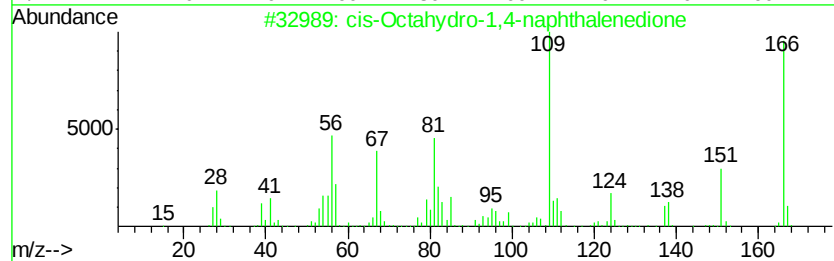
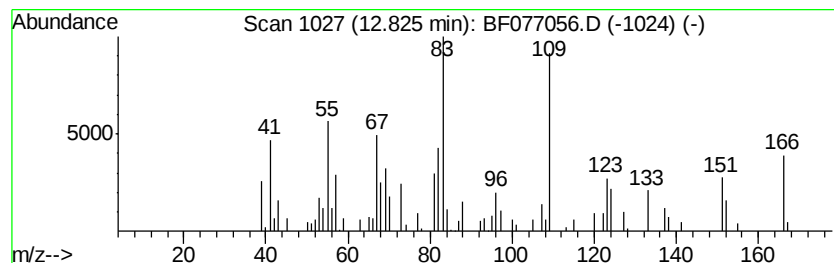
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.83 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	13.49 ng	305588	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Octahydro-1,4-naphthalenedione	166	C10H14O2	002717-36-4	35
2		Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	30
3		Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	25
4		Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	18
5		Sulfurous acid, dicyclohexyl ester	246	C12H22O3S	006214-17-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
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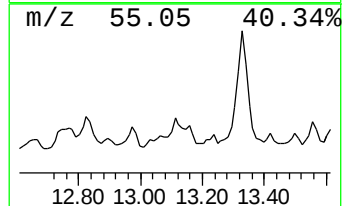
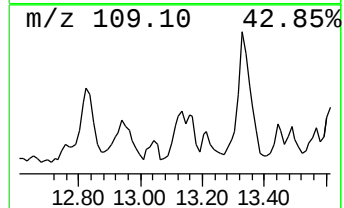
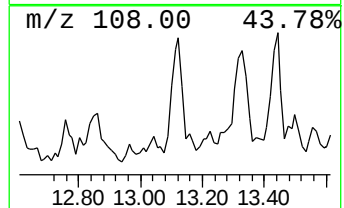
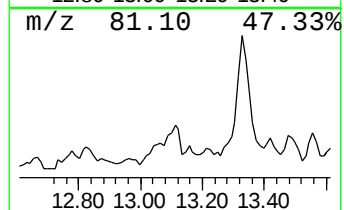
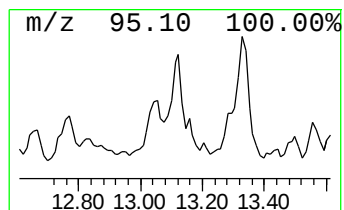
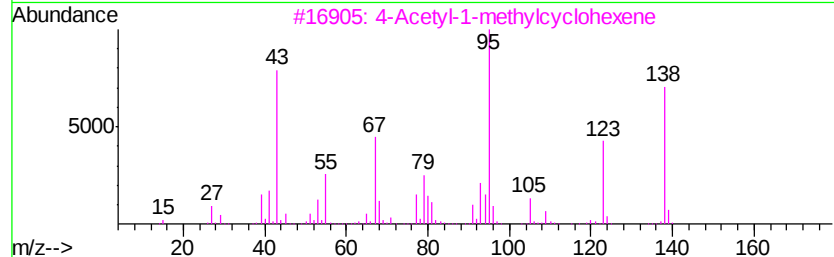
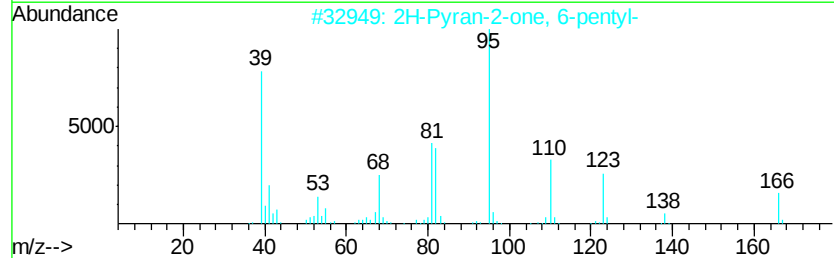
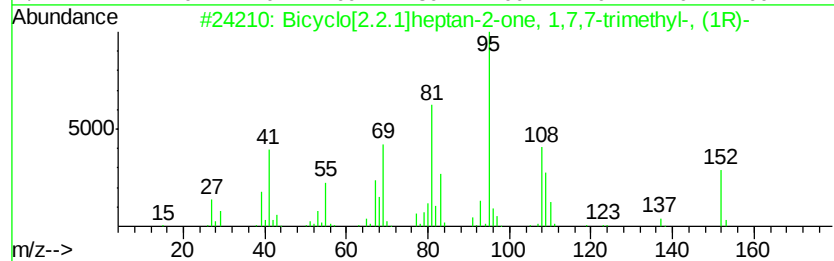
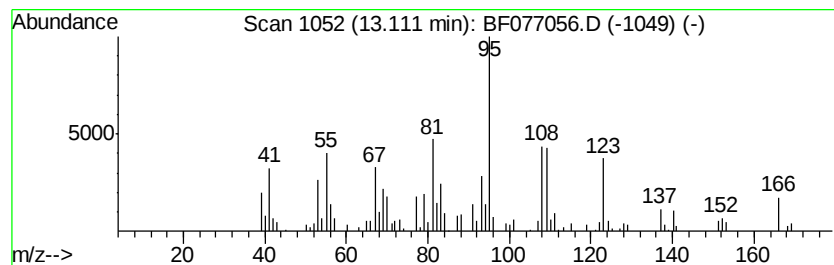
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.11 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	13.15 ng	298010	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	49
2		2H-Pyran-2-one, 6-pentyl-	166	C10H14O2	027593-23-3	38
3		4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	38
4		2-Decyne	138	C10H18	002384-70-5	35
5		Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
Operator : TP/IZ
Sample : G1052-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

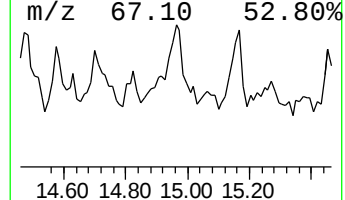
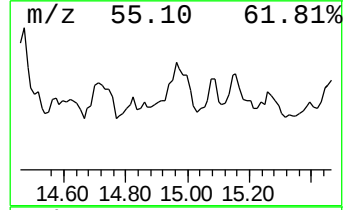
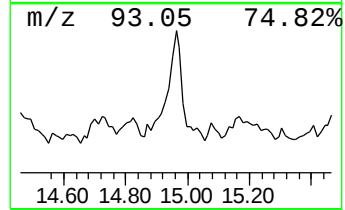
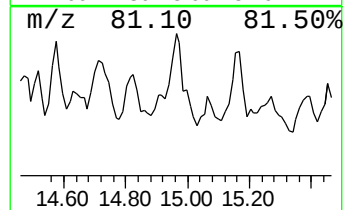
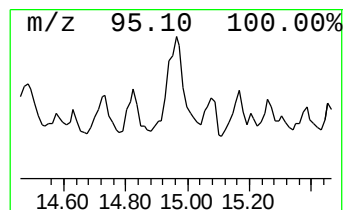
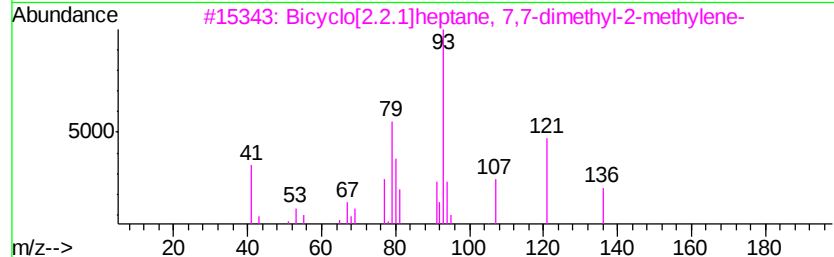
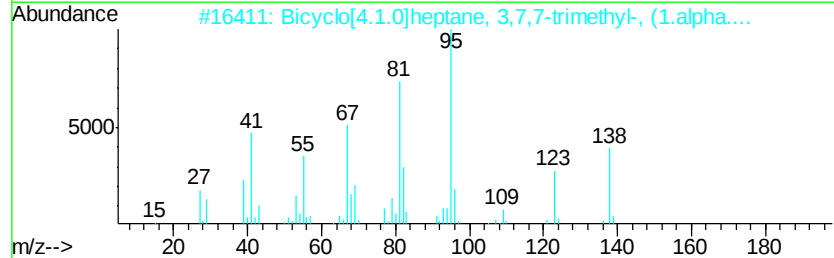
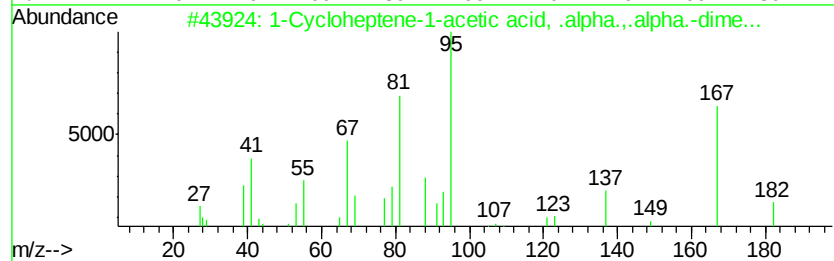
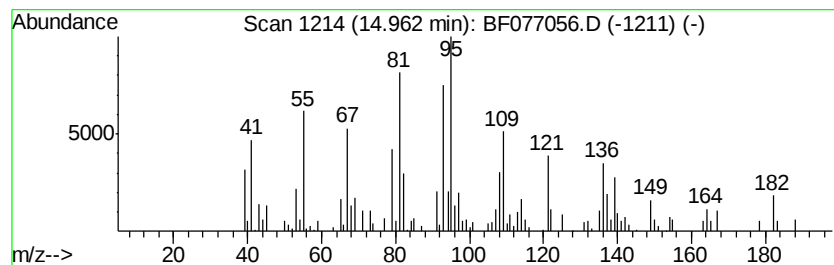
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.96 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	14.09 ng	319378	Acenaphthene-d10	14.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Cycloheptene-1-acetic acid, .a...	182 C11H18O2	016642-56-1 45
2		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138 C10H18	018968-23-5 27
3		Bicyclo[2.2.1]heptane, 7,7-dimet...	136 C10H16	000471-84-1 25
4		4,4-Diallyl-cyclohexanone	178 C12H18O	1000186-50-2 18
5		2-Nonen-4-yn-1-ol, (Z)-	138 C9H14O	134225-90-4 15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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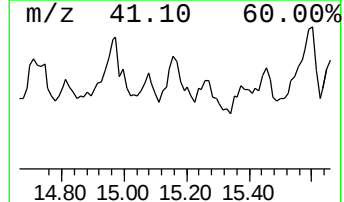
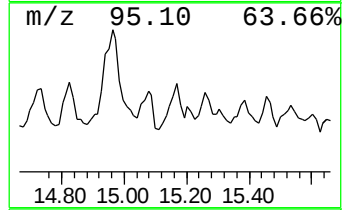
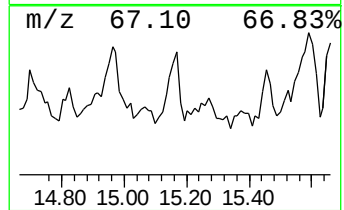
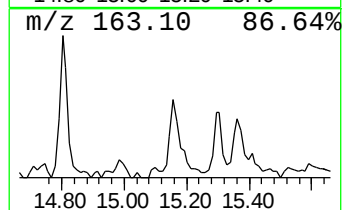
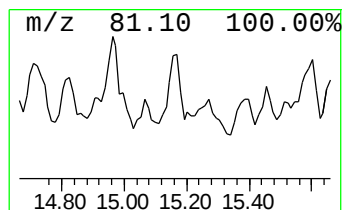
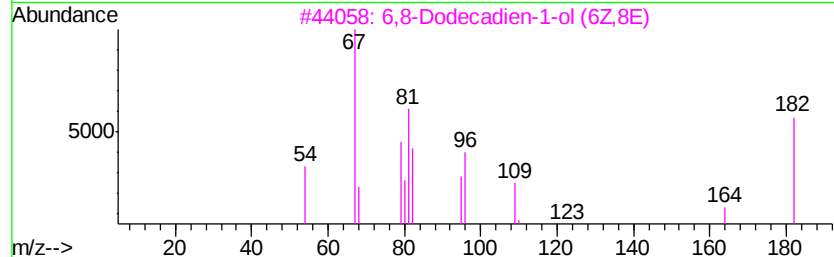
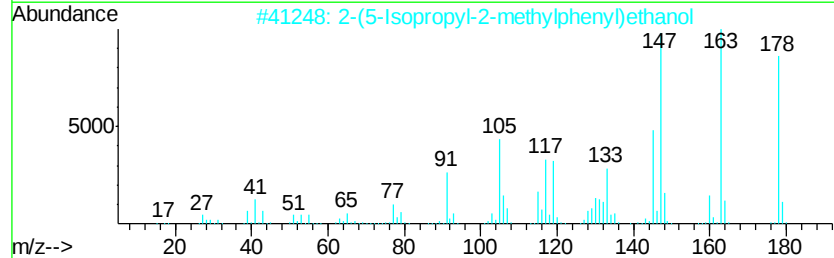
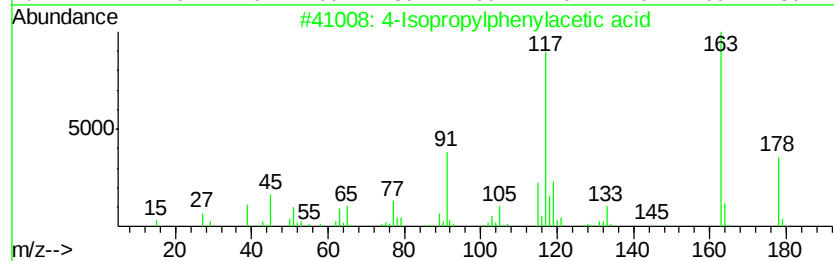
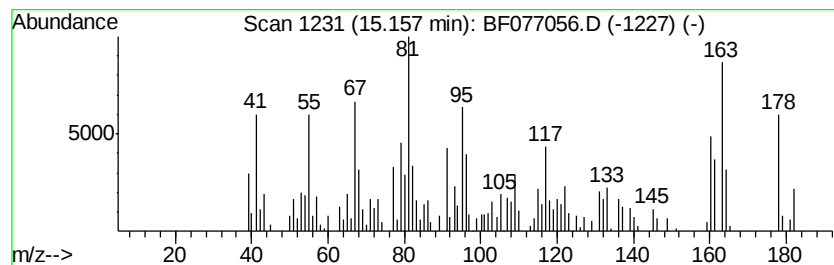
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.16 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.16	12.59 ng	285333	Acenaphthene-d10		14.80	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	38	
2	2-(5-Isopropyl-2-methylphenyl)et...	178	C12H18O	004389-64-4	25	
3	6,8-Dodecadien-1-ol (6Z,8E)	182	C12H22O	1000222-02-7	25	
4	Bicyclo[3.3.1]nonan-2-ol, exo-	140	C9H16O	010036-15-4	20	
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	18	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Sample : G1052-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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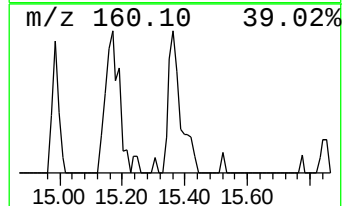
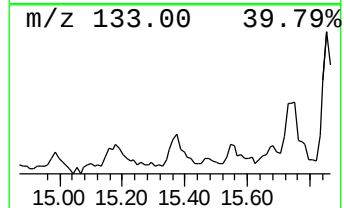
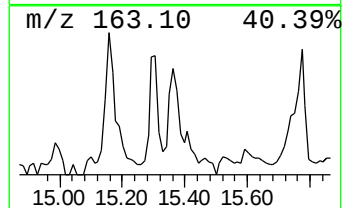
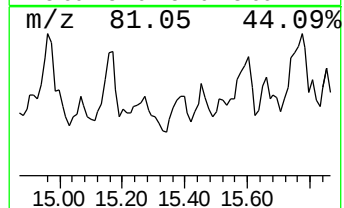
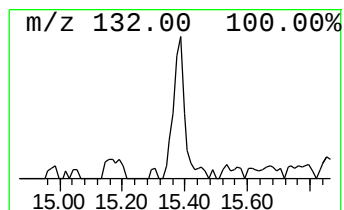
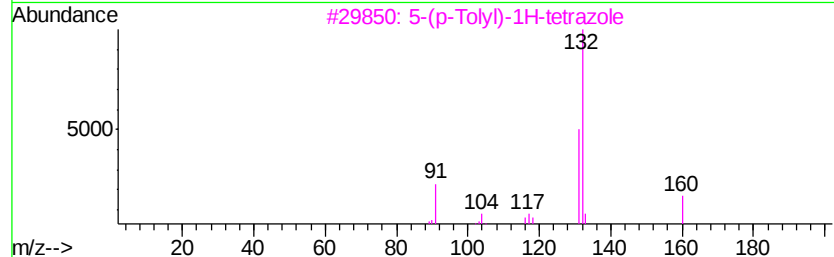
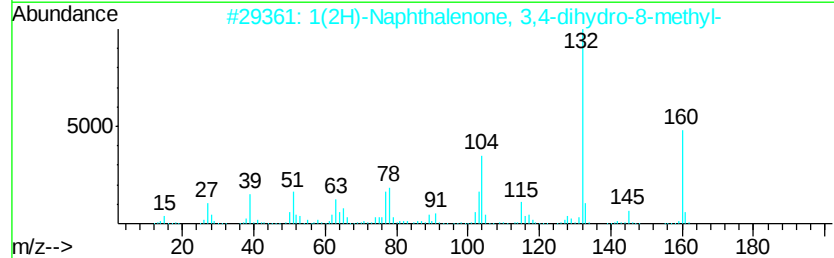
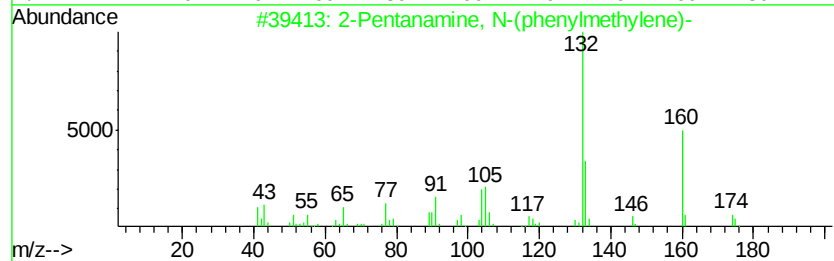
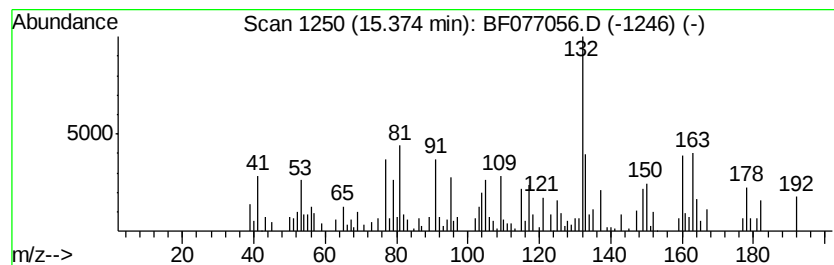
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.37 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	10.75 ng	243529	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanamine, N-(phenylmethylene)-	175	C12H17N	041122-65-0	38
2		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	30
3		5-(p-Tolyl)-1H-tetrazole	160	C8H8N4	024994-04-5	27
4		2-Methyl-1(2H)-phthalazinone	160	C9H8N2O	006091-81-2	27
5		Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	004965-09-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
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Misc :
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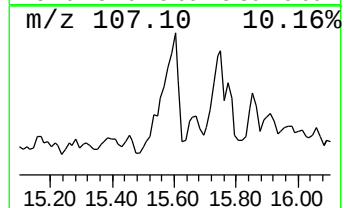
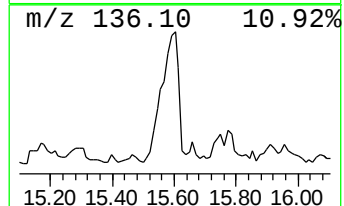
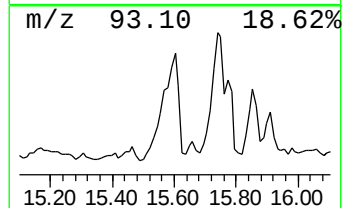
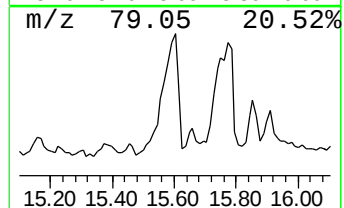
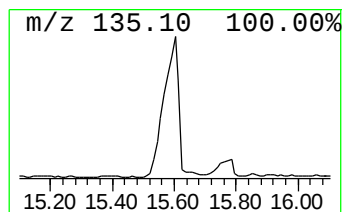
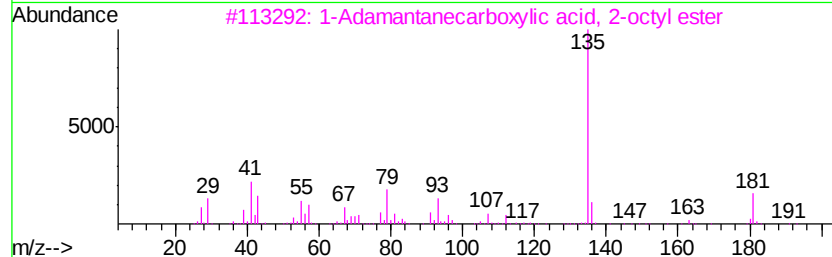
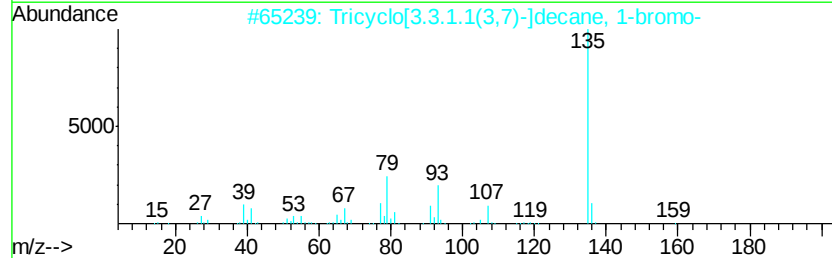
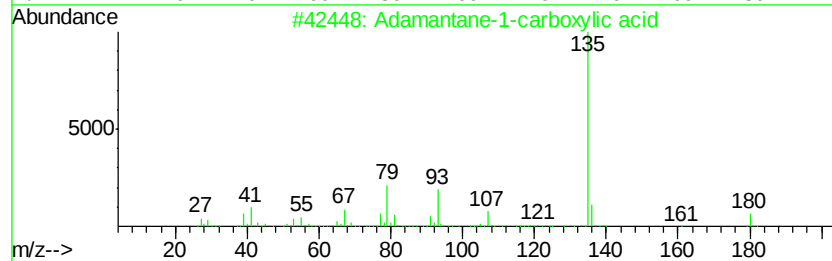
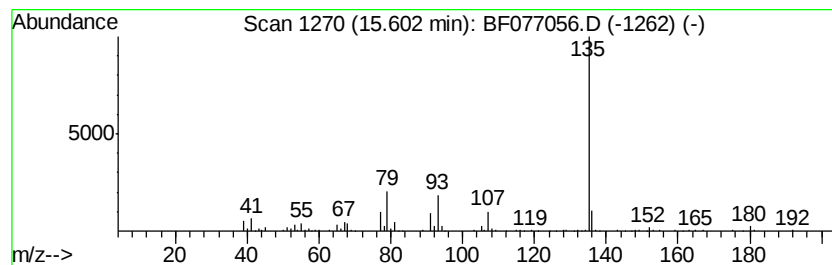
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Adamantane-1-carboxylic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	27.29 ng	618452	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	91
2		Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	83
3		1-Adamantanecarboxylic acid, 2-o...	292	C19H32O2	1000282-62-7	83
4		1-Adamantanemethanol	166	C11H18O	000770-71-8	83
5		1-n-Hexyladamantane	220	C16H28	022458-75-9	83



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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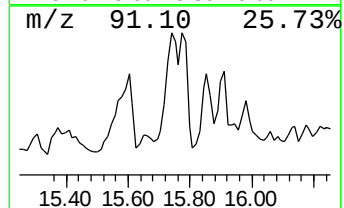
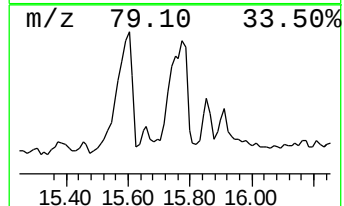
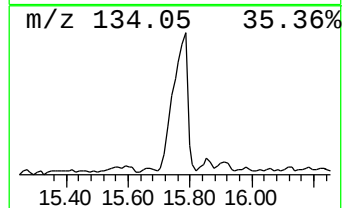
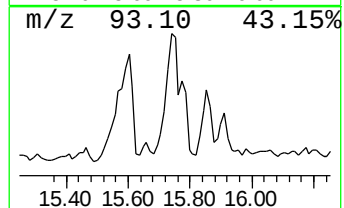
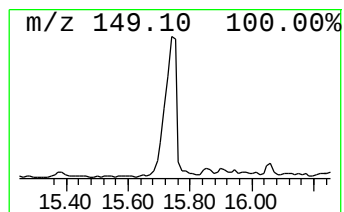
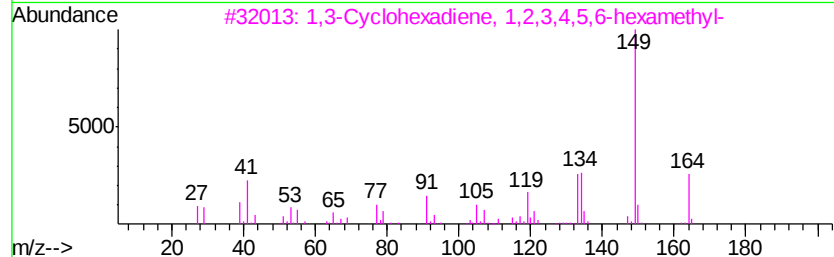
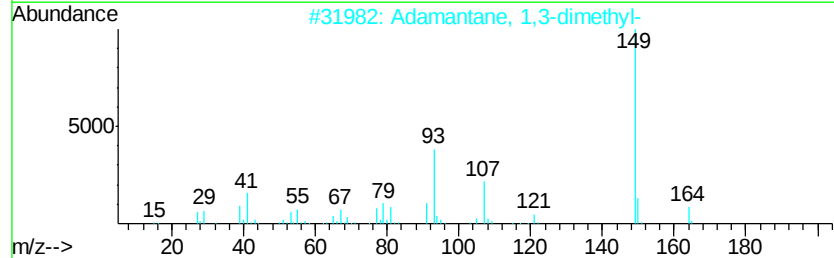
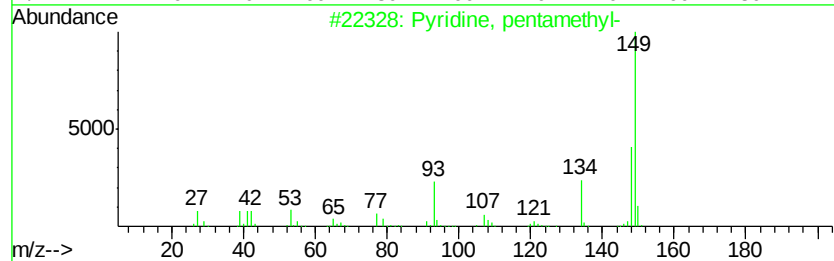
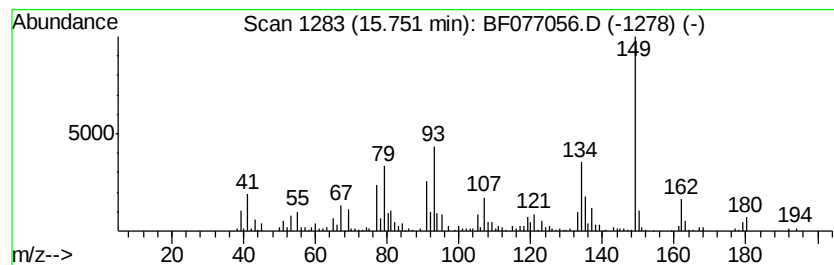
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyridine, pentamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	23.40 ng	530170	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	64
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	50
3		1,3-Cyclohexadiene, 1,2,3,4,5,6-...	164	C12H20	1000152-09-6	47
4		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	43
5		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Misc :
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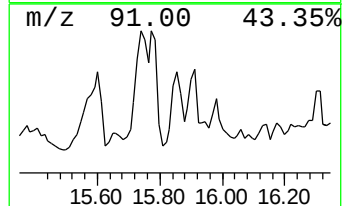
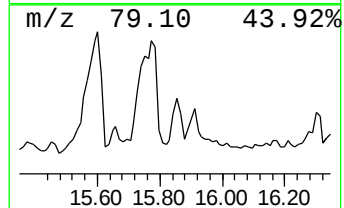
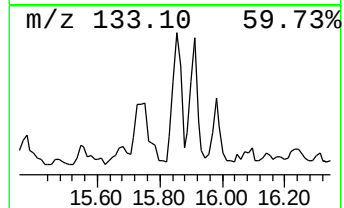
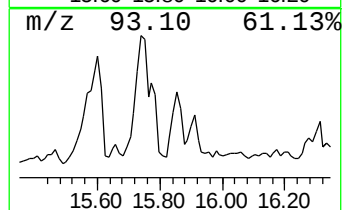
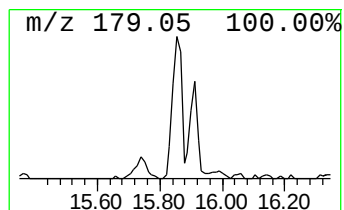
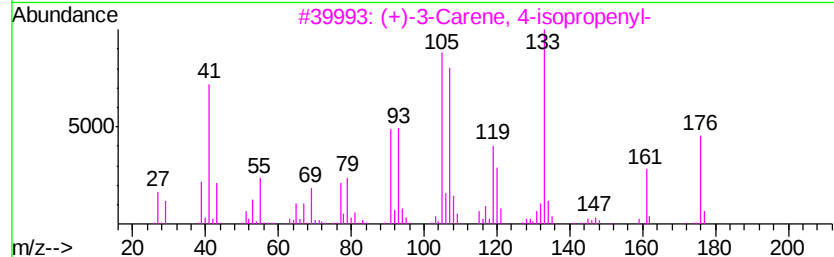
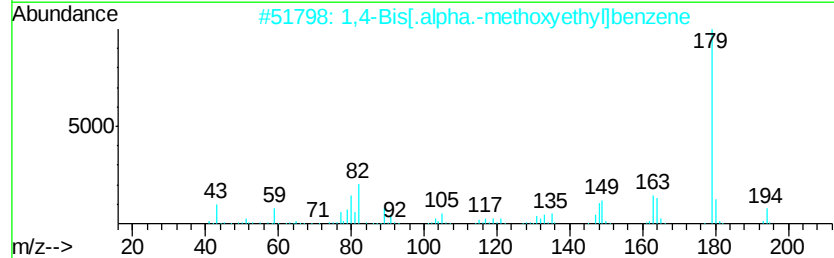
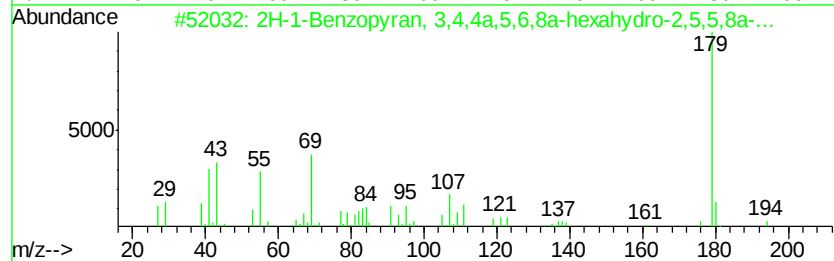
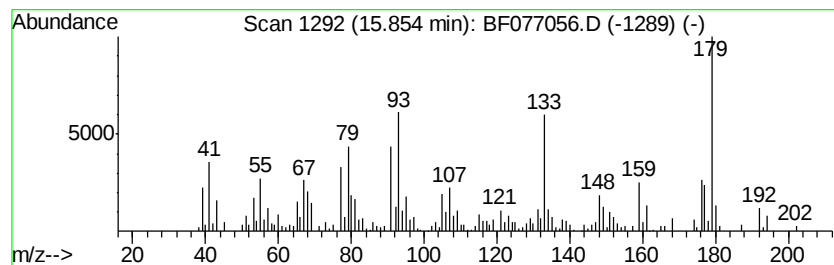
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	14.83 ng	336037	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	38
2		1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	20
3		(+)-3-Carene, 4-isopropenyl-	176	C13H20	161395-29-5	18
4		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	18
5		Acridine	179	C13H9N	000260-94-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 26 Jan 2015 16:55
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ClientSampleId :
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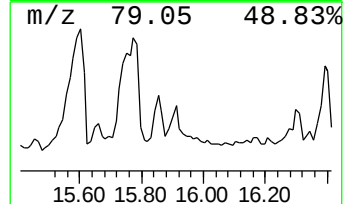
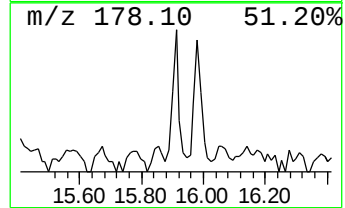
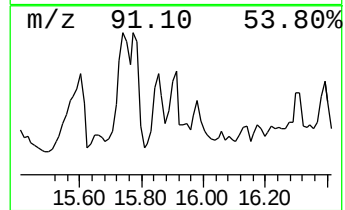
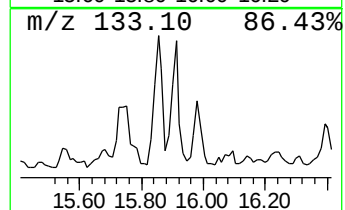
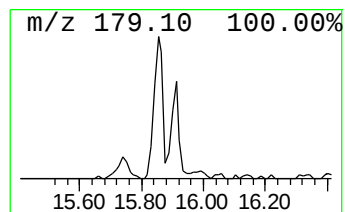
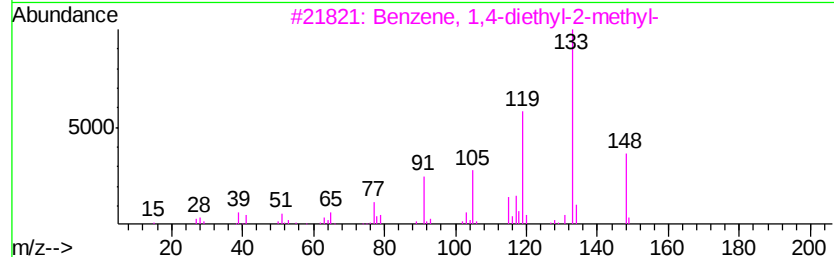
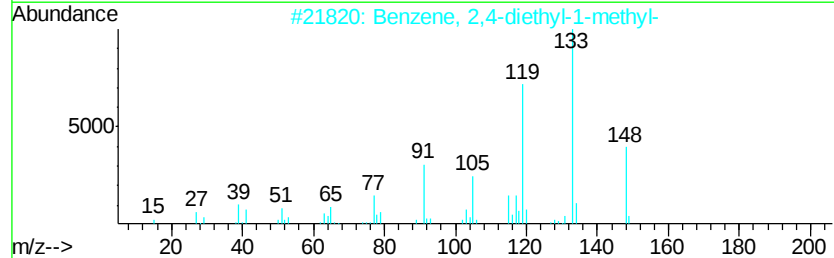
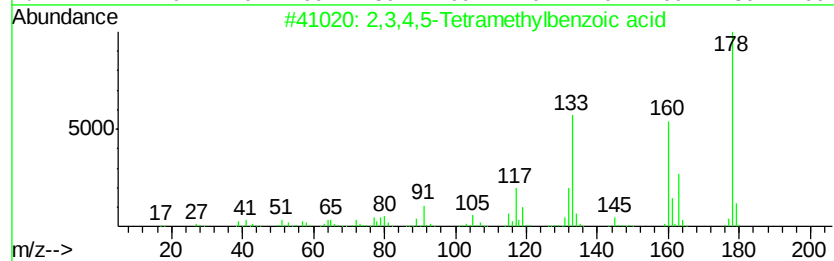
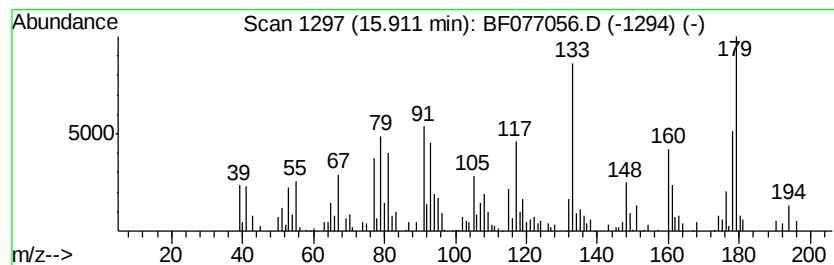
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.31 ng	301569	Acenaphthene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	43		
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	18		
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	18		
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	18		
5	4,7(1H,8H)-Pteridinedione, 2-amino-	179	C6H5N5O2	000529-69-1	15		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
Operator : TP/IZ
Sample : G1052-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

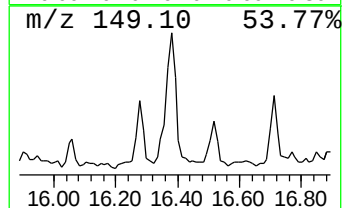
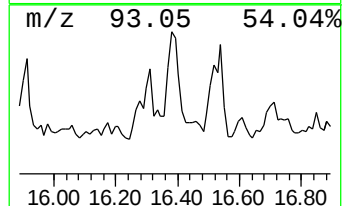
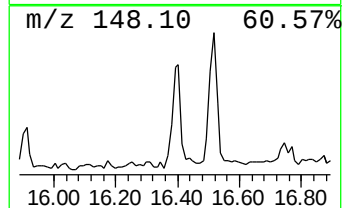
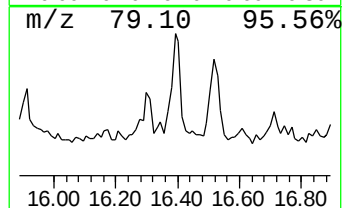
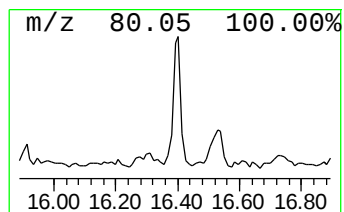
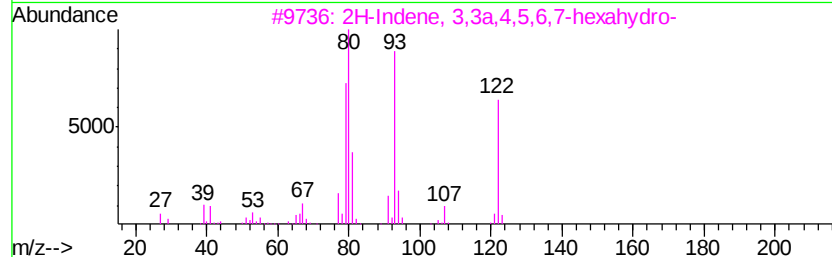
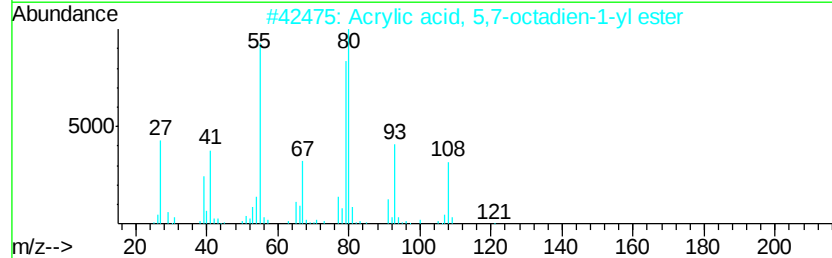
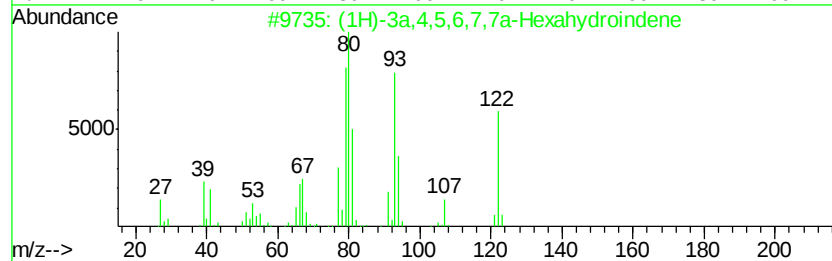
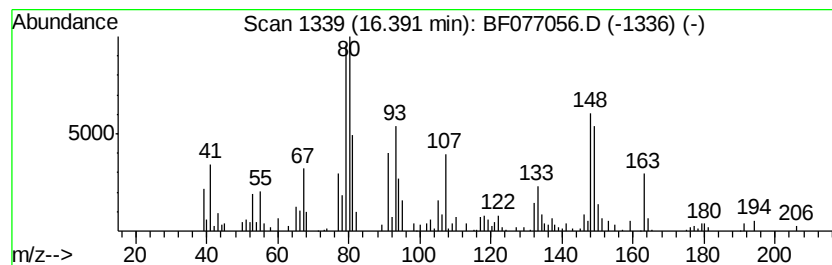
Instrument :
BNA_F
ClientSampled :
S8-0409B

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 (1H)-3a,4,5,6,7,7a-Hexahydr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.39	13.40 ng	254571	Phenanthrene-d10	17.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)-3a,4,5,6,7,7a-Hexahydroindene	122	C9H14	1000196-59-5	76	
2	Acrylic acid, 5,7-octadien-1-yl ...	180	C11H16O2	1000158-16-8	53	
3	2H-Indene, 3,3a,4,5,6,7-hexahydro-	122	C9H14	016189-41-6	52	
4	11-Methylene-tricyclo[5.3.1.1(2,...	176	C13H20	1000193-95-2	52	
5	Methyl phosphite, (MeO)2(HO)P	110	C2H7O3P	000096-36-6	50	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077056.D
Acq On : 26 Jan 2015 16:55
Operator : TP/IZ
Sample : G1052-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409B

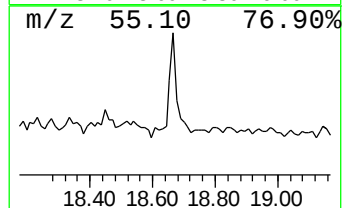
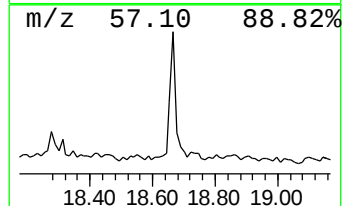
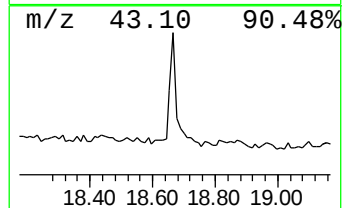
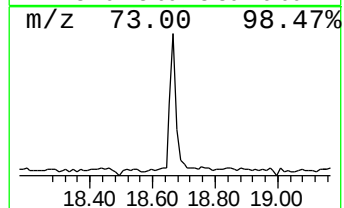
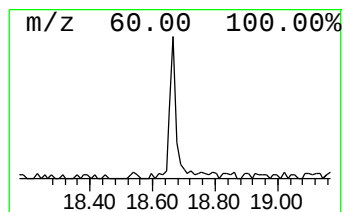
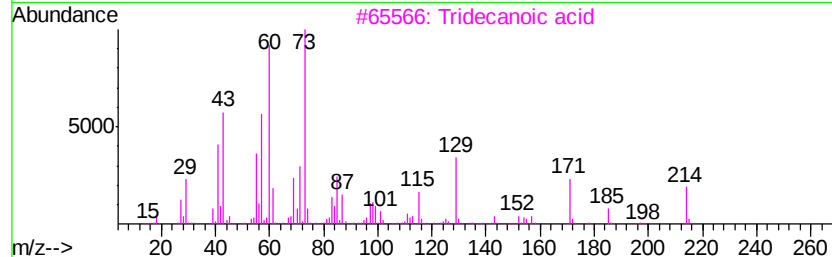
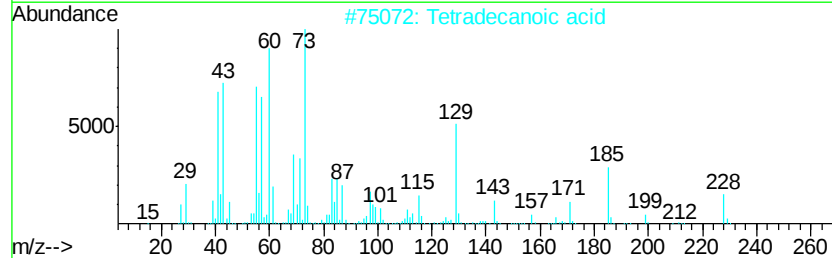
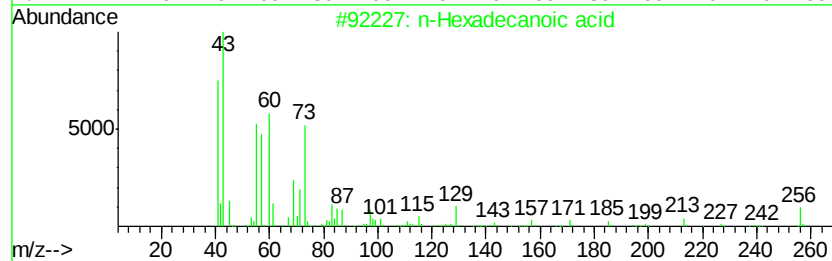
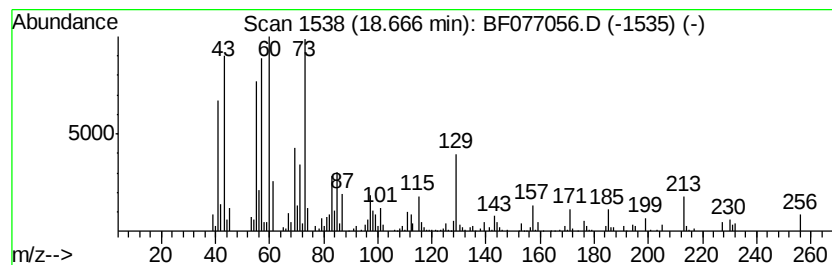
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	10.86 ng	206446	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Dodecanoic acid	200	C12H24O2	000143-07-7	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077056.D
 Acq On : 26 Jan 2015 16:55
 Operator : TP/IZ
 Sample : G1052-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409B

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.26	7.26	81.5	ng	901279	1	7.76	221089	20.0
Cyclohexanol, 1,3...	8.28	19.2	ng	212263	1	7.76	221089	20.0
unknown8.80	8.80	12.4	ng	137219	1	7.76	221089	20.0
unknown8.97	8.97	11.9	ng	132123	1	7.76	221089	20.0
unknown9.77	9.77	12.3	ng	224750	2	10.68	365988	20.0
1-Adamantanol	11.93	25.2	ng	461654	2	10.68	365988	20.0
3-Pyridinol, 6-me...	12.15	15.1	ng	276237	2	10.68	365988	20.0
unknown12.77	12.77	11.7	ng	265874	3	14.80	453207	20.0
unknown12.83	12.83	13.5	ng	305588	3	14.80	453207	20.0
unknown13.11	13.11	13.2	ng	298010	3	14.80	453207	20.0
unknown14.96	14.96	14.1	ng	319378	3	14.80	453207	20.0
unknown15.16	15.16	12.6	ng	285333	3	14.80	453207	20.0
unknown15.37	15.37	10.8	ng	243529	3	14.80	453207	20.0
Adamantane-1-carb...	15.60	27.3	ng	618452	3	14.80	453207	20.0
Pyridine, pentame...	15.75	23.4	ng	530170	3	14.80	453207	20.0
unknown15.85	15.85	14.8	ng	336037	3	14.80	453207	20.0
unknown15.91	15.91	13.3	ng	301569	3	14.80	453207	20.0
(1H)-3a,4,5,6,7,7...	16.39	13.4	ng	254571	4	17.64	380072	20.0
n-Hexadecanoic acid	18.67	10.9	ng	206446	4	17.64	380072	20.0