

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077055.D
 Acq On : 26 Jan 2015 15:46
 Operator : TP/IZ
 Sample : G1052-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409

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	22917	42027	2.00%	0.179%
2	1.464	31	33	36	rVB	28953	38364	1.83%	0.163%
3	3.830	238	240	250	rBV	39471	91199	4.34%	0.387%
4	4.790	321	324	335	rBV	207213	434381	20.69%	1.846%
5	5.716	398	405	411	rVB2	18592	47266	2.25%	0.201%
6	7.179	530	533	537	rBV	118061	226063	10.77%	0.960%
7	7.259	537	540	547	rVB	563824	940110	44.77%	3.994%
8	7.762	582	584	589	rVB	128522	216594	10.31%	0.920%
9	7.853	589	592	597	rBV	24011	44481	2.12%	0.189%
10	8.093	609	613	616	rBV	512163	875228	41.68%	3.719%
11	8.276	625	629	633	rBV	129775	233807	11.13%	0.993%
12	8.390	637	639	642	rVB	23118	37473	1.78%	0.159%
13	8.573	649	655	656	rBV4	20547	44080	2.10%	0.187%
14	8.802	670	675	679	rBV	77892	155218	7.39%	0.659%
15	8.973	687	690	695	rVB	81418	144932	6.90%	0.616%
16	9.076	695	699	702	rBV	454142	732670	34.89%	3.113%
17	9.190	706	709	711	rVV	40033	61776	2.94%	0.262%
18	9.248	711	714	716	rVV2	32702	55070	2.62%	0.234%
19	9.350	716	723	726	rVV4	44650	162399	7.73%	0.690%
20	9.453	730	732	736	rVV	61102	134613	6.41%	0.572%
21	9.579	736	743	748	rVB5	37239	148066	7.05%	0.629%
22	9.773	756	760	767	rVB5	74591	230761	10.99%	0.980%
23	9.945	772	775	777	rBV2	13358	27309	1.30%	0.116%
24	10.025	777	782	787	rVV6	47124	179066	8.53%	0.761%
25	10.105	787	789	791	rVV2	27562	56250	2.68%	0.239%
26	10.162	791	794	796	rVB	43471	71893	3.42%	0.305%
27	10.253	800	802	805	rVV3	13527	30122	1.43%	0.128%
28	10.368	810	812	819	rVB6	41958	126184	6.01%	0.536%
29	10.551	819	828	830	rBV4	28276	89644	4.27%	0.381%
30	10.608	830	833	835	rVB	24259	43142	2.05%	0.183%
31	10.676	836	839	844	rVB	209226	361676	17.22%	1.537%
32	10.791	844	849	851	rBV3	47343	146819	6.99%	0.624%
33	10.871	853	856	860	rVB4	51795	131456	6.26%	0.559%
34	11.088	872	875	878	rVB2	34873	68832	3.28%	0.292%

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35	11.168	878	882	884	rBV4	31639	99859	4.76%	0.424%
36	11.305	888	894	899	rVB4	61252	195888	9.33%	0.832%
37	11.431	899	905	908	rBV7	41339	158044	7.53%	0.671%
38	11.499	908	911	914	rVV3	36955	84637	4.03%	0.360%
39	11.579	914	918	921	rVV4	33717	122554	5.84%	0.521%
40	11.636	921	923	929	rVB5	44550	116804	5.56%	0.496%
41	11.751	929	933	935	rBV2	26328	64955	3.09%	0.276%
42	11.842	935	941	945	rBV5	49610	164389	7.83%	0.698%
43	11.933	945	949	952	rVV	274764	482040	22.96%	2.048%
44	11.991	952	954	960	rVB4	55963	184867	8.80%	0.785%
45	12.105	960	964	965	rBV4	29449	63393	3.02%	0.269%
46	12.151	965	968	976	rVB	91643	277988	13.24%	1.181%
47	12.311	976	982	984	rBV4	39963	132407	6.31%	0.563%
48	12.402	984	990	993	rVV4	37383	119421	5.69%	0.507%
49	12.551	999	1003	1010	rBV6	65324	248876	11.85%	1.057%
50	12.654	1010	1012	1016	rVB2	27120	63962	3.05%	0.272%
51	12.779	1016	1023	1025	rBV3	90281	315308	15.02%	1.340%
52	12.825	1025	1027	1031	rVB4	69228	185847	8.85%	0.790%
53	12.985	1035	1041	1043	rBV5	57621	186519	8.88%	0.792%
54	13.065	1044	1048	1049	rBV2	29962	79948	3.81%	0.340%
55	13.122	1049	1053	1055	rBV	85224	179944	8.57%	0.765%
56	13.339	1066	1072	1075	rBV	1166943	2099805	100.00%	8.921%
57	13.431	1078	1080	1084	rVB4	35792	81798	3.90%	0.348%
58	13.499	1084	1086	1089	rBV3	35533	75941	3.62%	0.323%
59	13.557	1089	1091	1094	rVB2	53571	85811	4.09%	0.365%
60	13.614	1094	1096	1098	rBV3	55117	111499	5.31%	0.474%
61	13.659	1098	1100	1105	rVV4	61131	171327	8.16%	0.728%
62	13.774	1108	1110	1116	rVV7	36748	137833	6.56%	0.586%
63	13.877	1116	1119	1124	rVV5	41058	112388	5.35%	0.477%
64	14.037	1131	1133	1135	rVB3	34638	57024	2.72%	0.242%
65	14.334	1155	1159	1161	rBV4	50849	137405	6.54%	0.584%
66	14.402	1161	1165	1167	rVV3	76964	221053	10.53%	0.939%
67	14.471	1169	1171	1178	rVB2	131669	381897	18.19%	1.623%
68	14.585	1178	1181	1186	rBV5	46489	152926	7.28%	0.650%
69	14.745	1190	1195	1198	rBV5	90018	252309	12.02%	1.072%
70	14.802	1198	1200	1207	rVB	204977	420933	20.05%	1.788%
71	14.985	1212	1216	1221	rVB5	112474	370201	17.63%	1.573%

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72	15.088	1223	1225	1228	rVB3	37031	59156	2.82%	0.251%
73	15.168	1228	1232	1237	rBV7	86021	280464	13.36%	1.192%
74	15.385	1247	1251	1256	rBV5	56077	263881	12.57%	1.121%
75	15.614	1261	1271	1273	rBV	217571	860475	40.98%	3.656%
76	15.660	1273	1275	1279	rVV5	57743	140770	6.70%	0.598%
77	15.762	1279	1284	1290	rVB2	279546	1036021	49.34%	4.402%
78	15.865	1290	1293	1295	rBV2	184223	362538	17.27%	1.540%
79	15.922	1295	1298	1302	rVV4	135290	311448	14.83%	1.323%
80	15.991	1302	1304	1308	rVB3	77761	132239	6.30%	0.562%
81	16.060	1308	1310	1313	rBV4	36061	66095	3.15%	0.281%
82	16.140	1315	1317	1319	rBV2	29472	47925	2.28%	0.204%
83	16.185	1319	1321	1324	rVV4	26687	55611	2.65%	0.236%
84	16.311	1330	1332	1336	rVB2	62958	124275	5.92%	0.528%
85	16.403	1336	1340	1342	rVB2	132345	263431	12.55%	1.119%
86	16.528	1348	1351	1354	rVB	739870	1103031	52.53%	4.686%
87	16.597	1354	1357	1362	rBV6	42385	137086	6.53%	0.582%
88	16.723	1365	1368	1369	rBV	56401	98281	4.68%	0.418%
89	17.031	1392	1395	1398	rVB4	50340	95412	4.54%	0.405%
90	17.100	1398	1401	1406	rBV6	47761	158250	7.54%	0.672%
91	17.180	1406	1408	1411	rVB3	56787	89810	4.28%	0.382%
92	17.420	1427	1429	1430	rBV	54406	76647	3.65%	0.326%
93	17.637	1446	1448	1451	rBV	298389	363928	17.33%	1.546%
94	17.854	1465	1467	1469	rVB2	35395	41727	1.99%	0.177%
95	18.288	1503	1505	1508	rVB	50628	63135	3.01%	0.268%
96	18.666	1536	1538	1542	rBV	158148	247332	11.78%	1.051%
97	19.683	1624	1627	1633	rVB	164226	239107	11.39%	1.016%
98	19.877	1641	1644	1647	rBV	872595	1319874	62.86%	5.608%
99	21.146	1752	1755	1758	rVB	309126	362397	17.26%	1.540%
100	22.815	1899	1901	1904	rBV	244549	309738	14.75%	1.316%

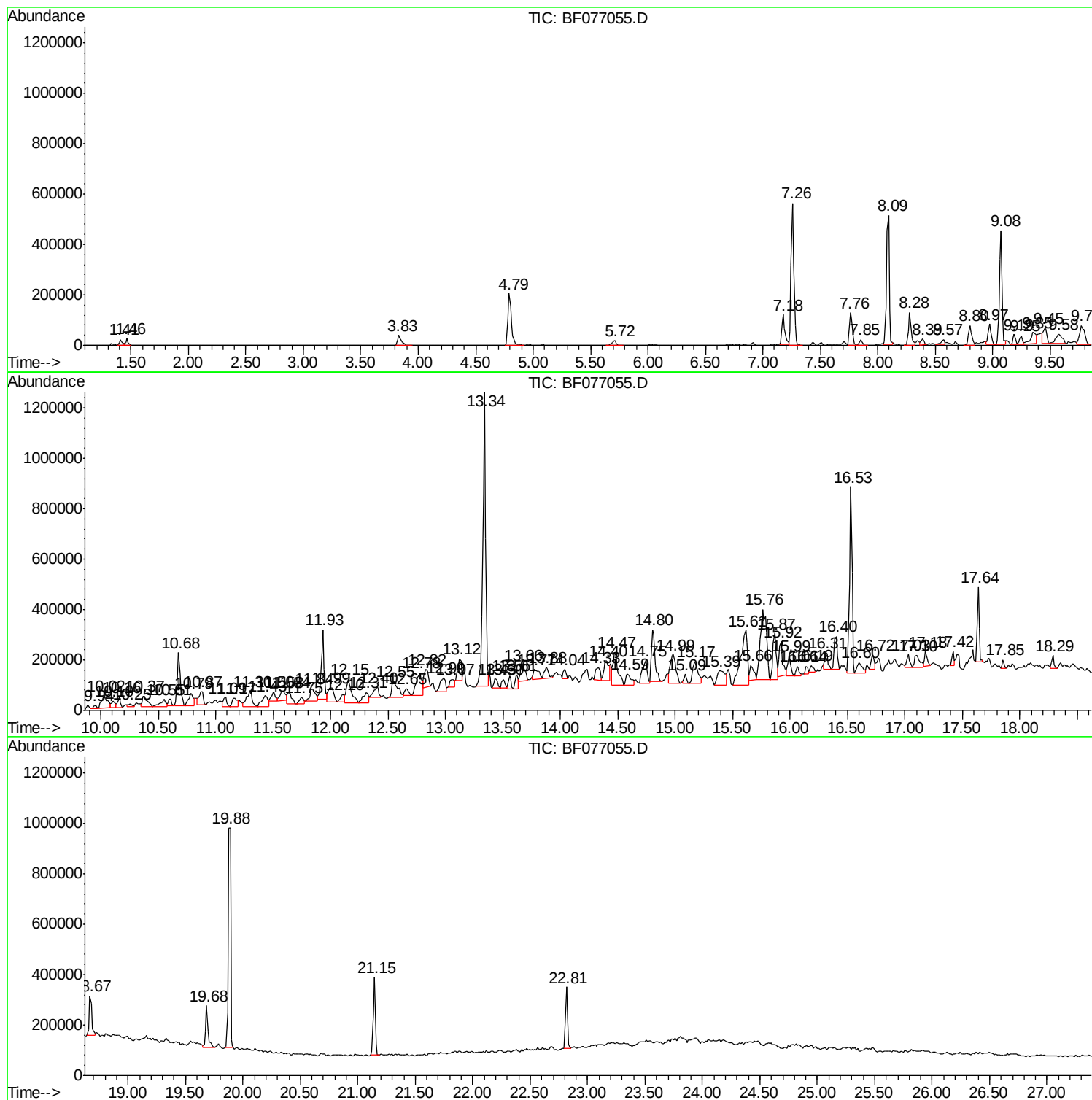
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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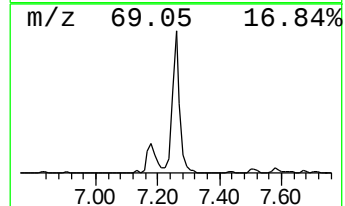
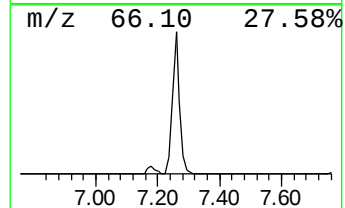
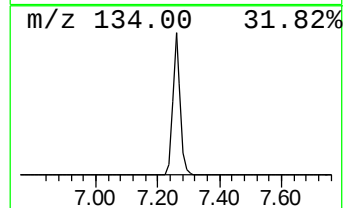
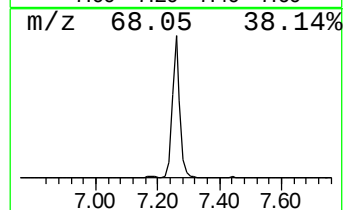
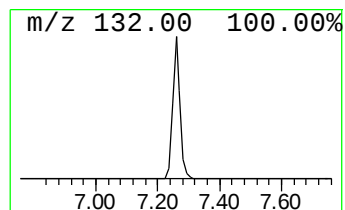
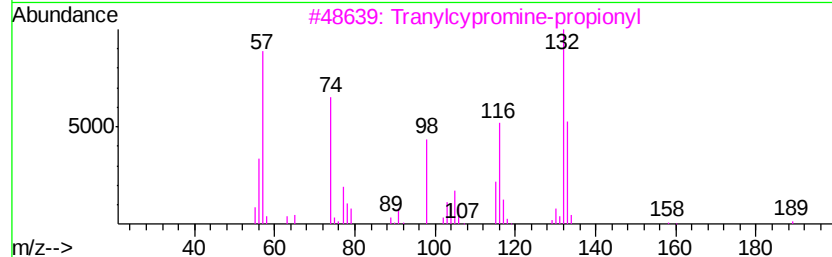
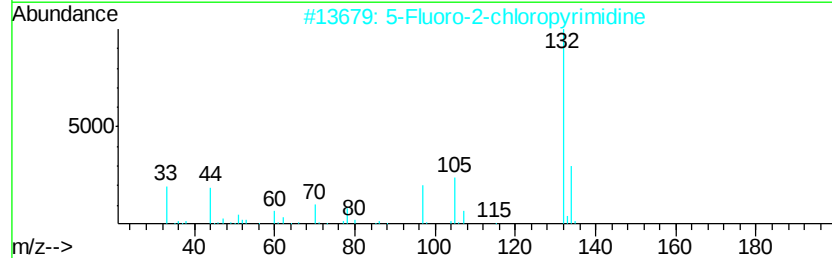
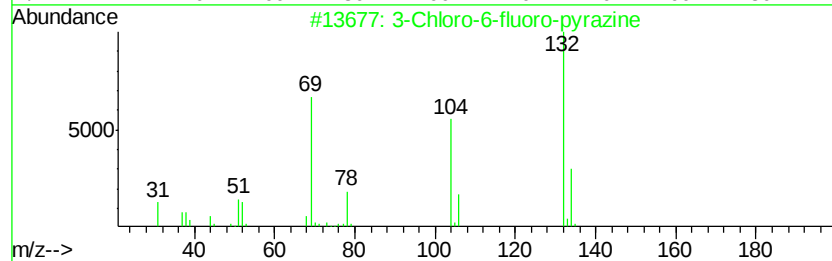
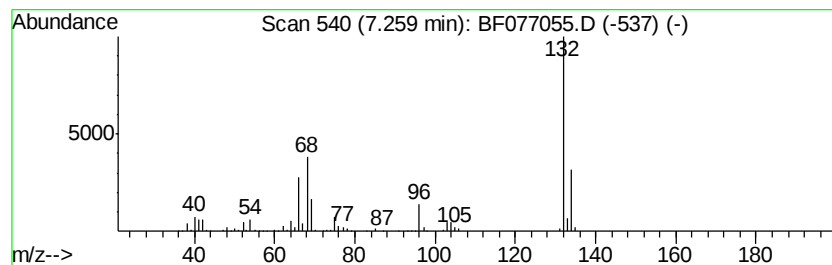
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	86.81 ng	940110	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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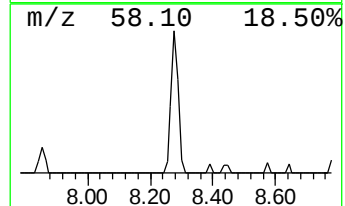
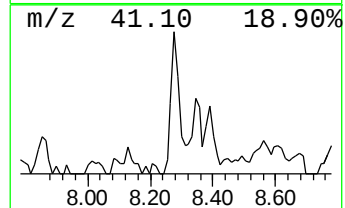
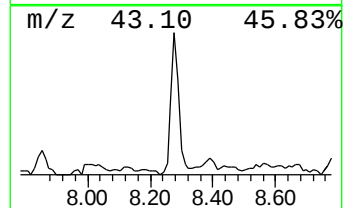
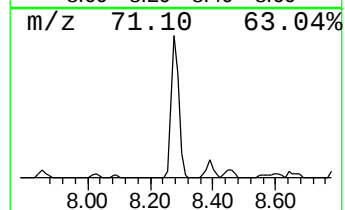
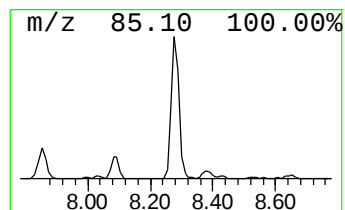
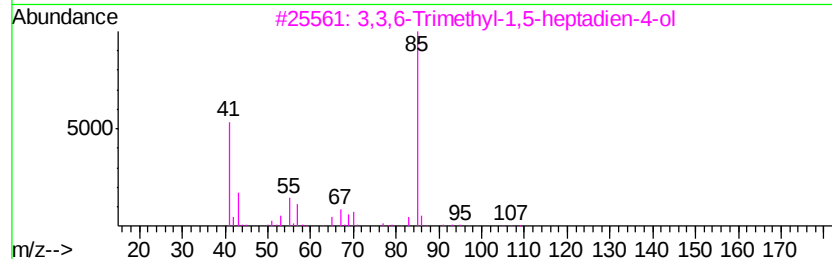
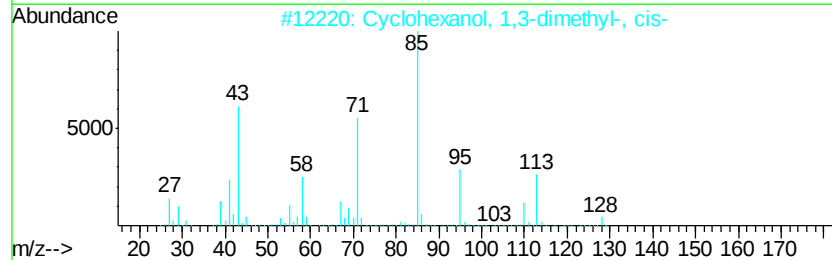
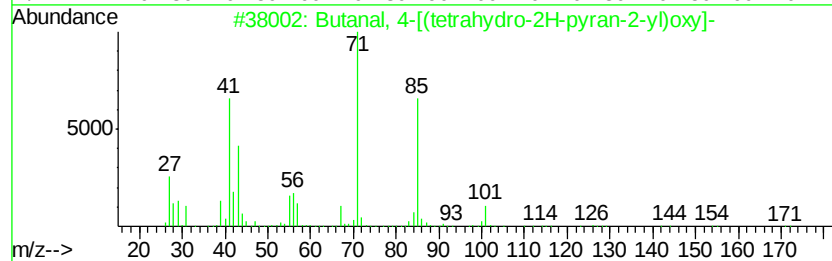
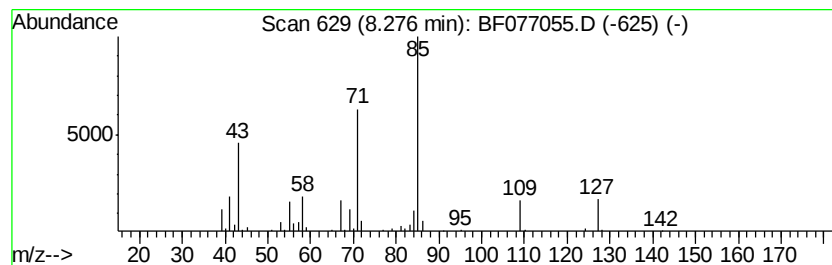
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.28 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	21.59 ng	233807	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	45
2		Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	45
3		3,3,6-Trimethyl-1,5-heptadien-4-ol	154	C10H18O	057590-19-9	43
4		4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	38
5		Tetrahydrofuran, 2-methyl-5-pentyl-	156	C10H20O	1000292-99-1	38



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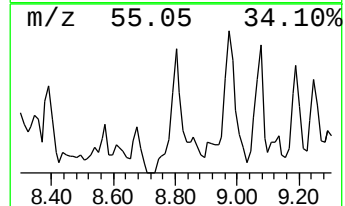
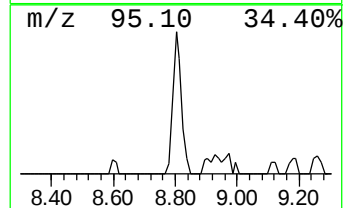
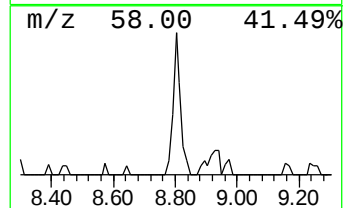
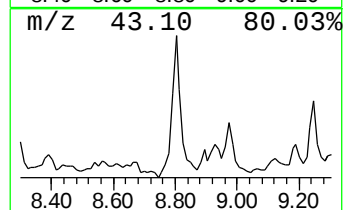
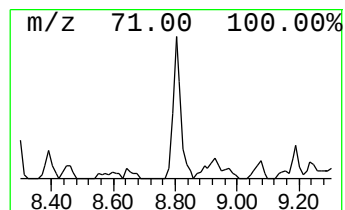
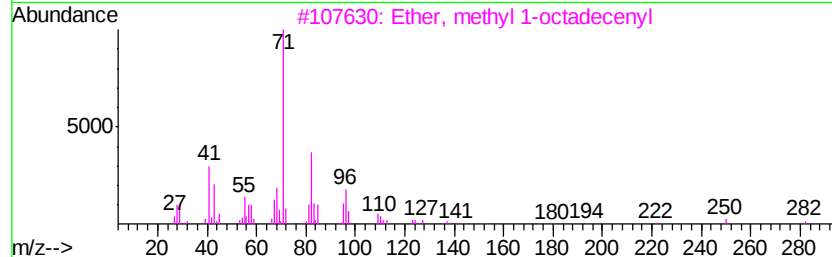
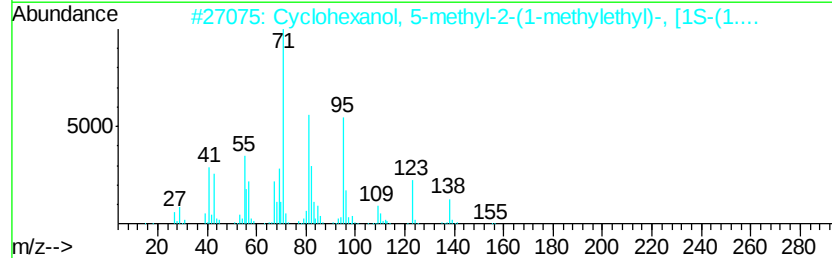
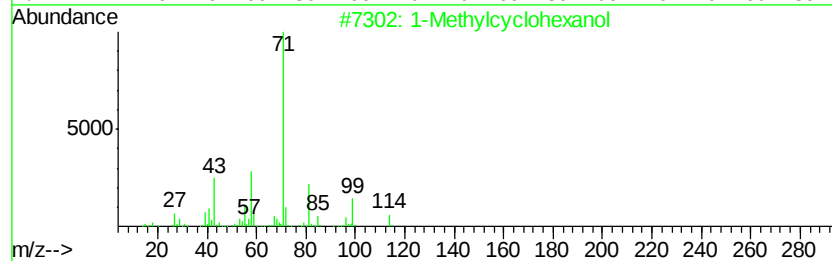
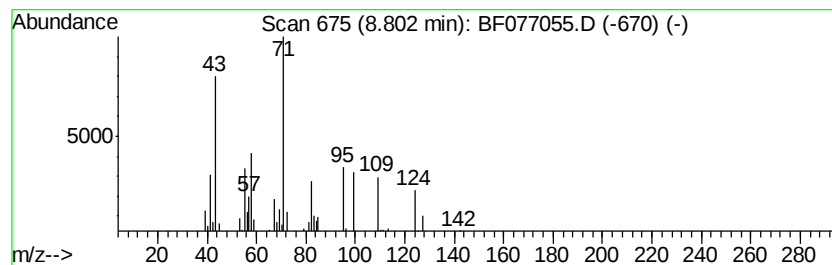
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.80 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	14.33 ng	155218	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylcyclohexanol	114	C7H14O	000590-67-0	47
2		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	37
3		Ether, methyl 1-octadecenyl	282	C19H38O	026537-06-4	37
4		Oxirane, butyl-	100	C6H12O	001436-34-6	37
5		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409

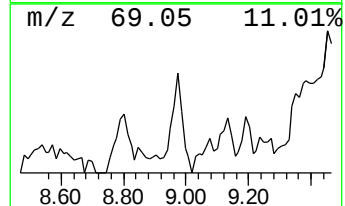
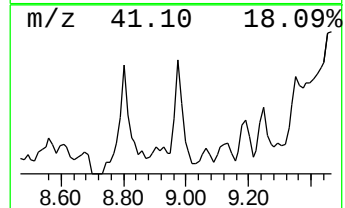
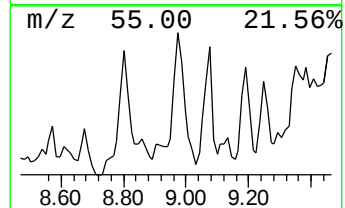
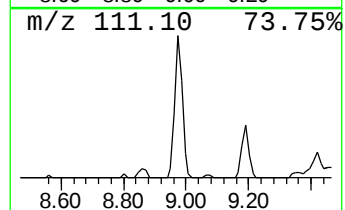
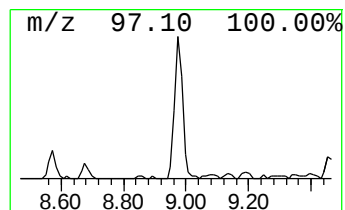
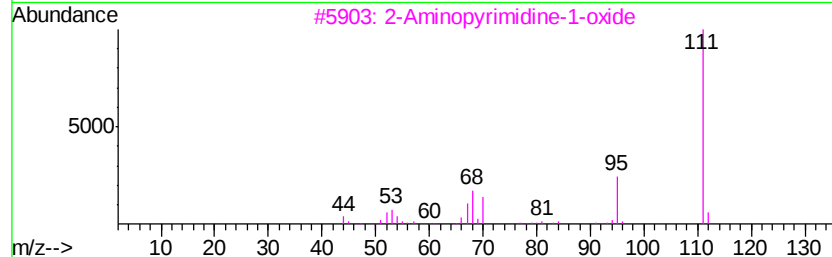
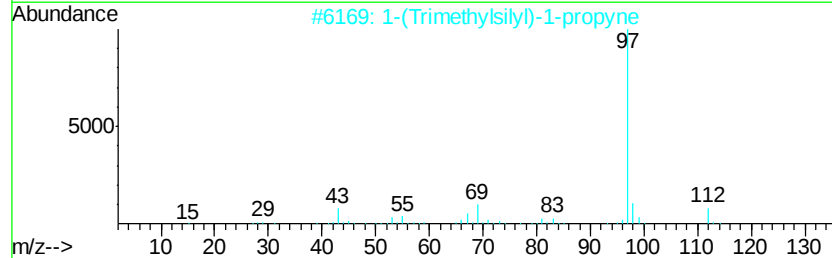
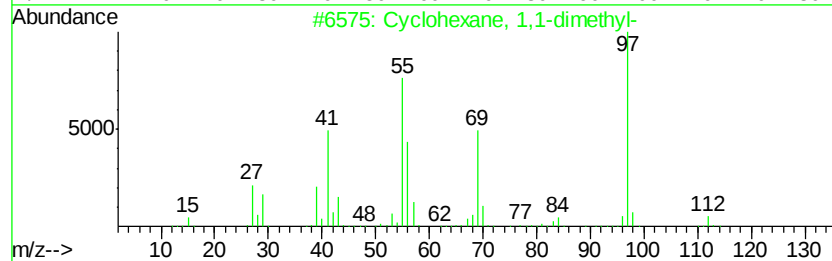
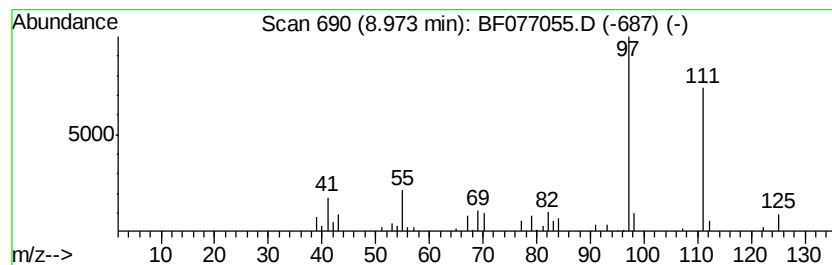
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	13.38 ng	144932	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
2		1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	38
3		2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	27
4		Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	27
5		2,4-Dihydroxypyridine	111	C5H5NO2	000626-03-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
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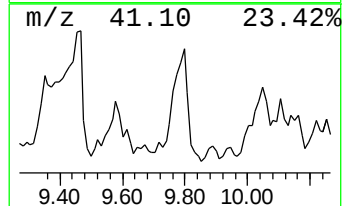
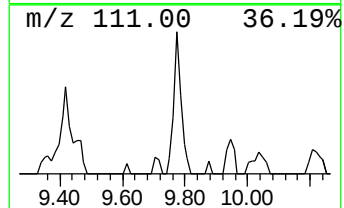
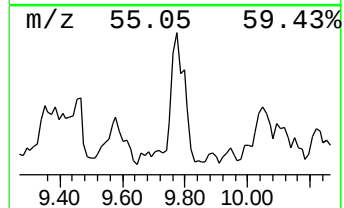
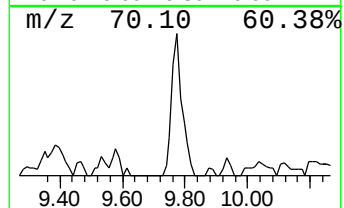
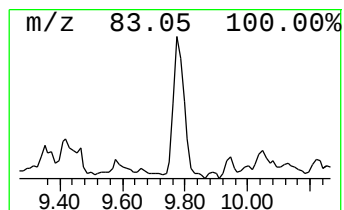
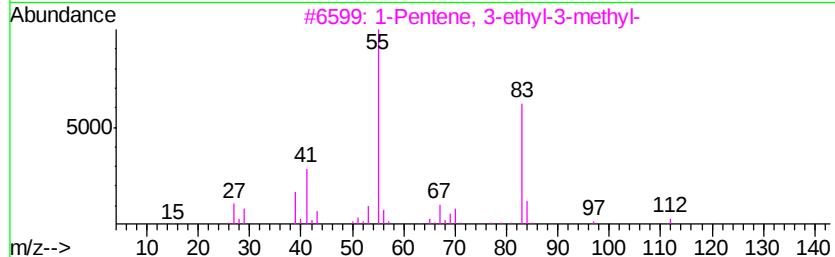
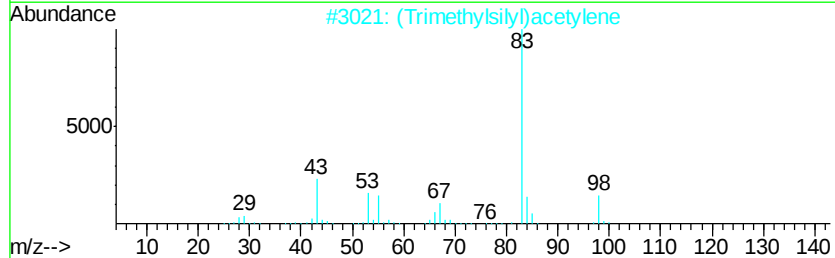
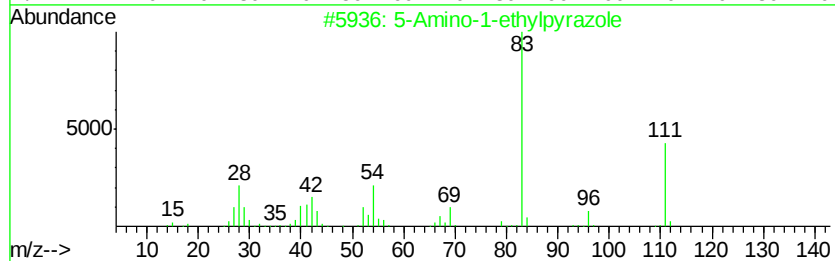
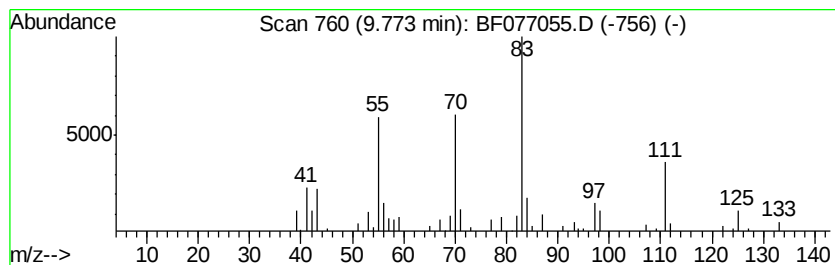
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.77 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	12.76 ng	230761	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Amino-1-ethylpyrazole	111	C5H9N3	003528-58-3	38
2		(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	38
3		1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	38
4		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	30
5		1-Heptene, 5-methyl-	112	C8H16	013151-04-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
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Misc :
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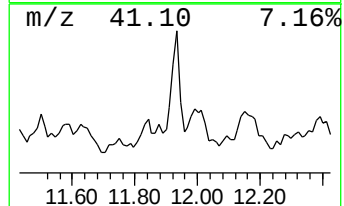
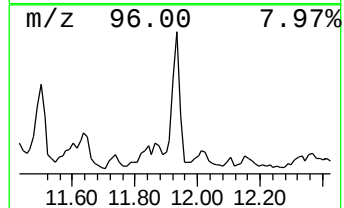
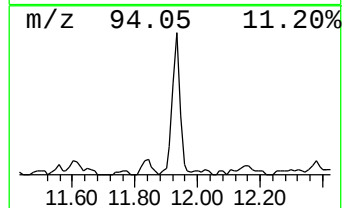
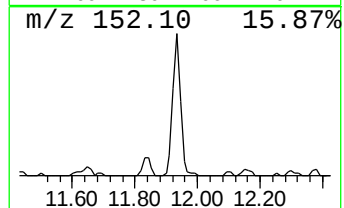
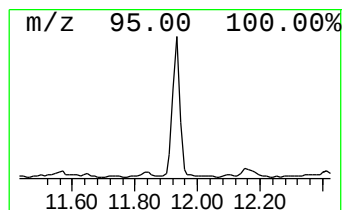
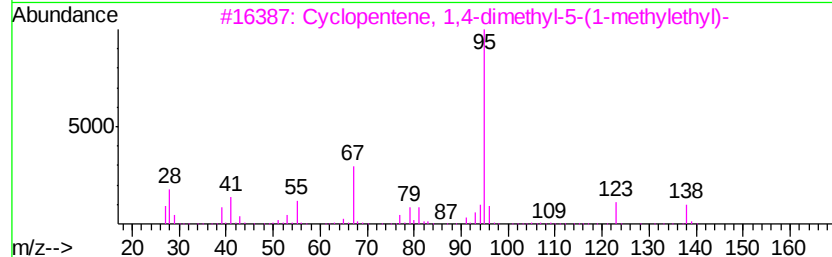
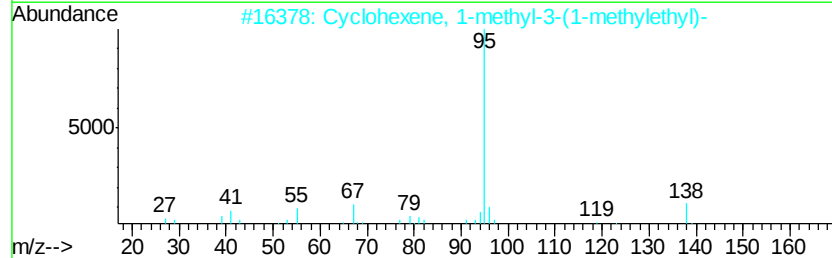
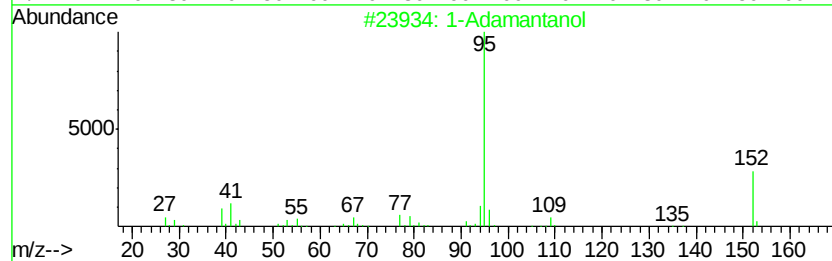
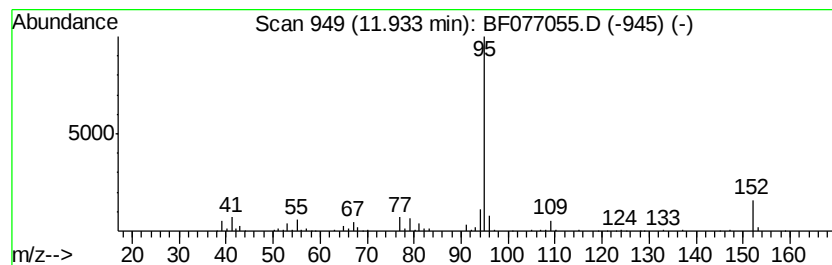
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Adamantanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	26.66 ng	482040	Naphthalene-d8	10.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol		152	C10H16O	000768-95-6	91
2	Cyclohexene, 1-methyl-3-(1-methy...		138	C10H18	013828-31-4	39
3	Cyclopentene, 1,4-dimethyl-5-(1-...		138	C10H18	061142-33-4	38
4	Bicyclo[2.2.1]heptane, 2-(2-prop...		136	C10H16	002633-80-9	36
5	1-Bromomethyl-2-chlorocyclohexane		210	C7H12BrCl	090009-23-7	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

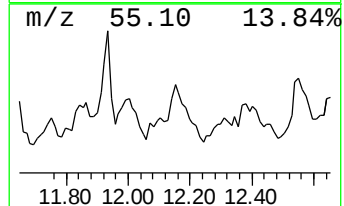
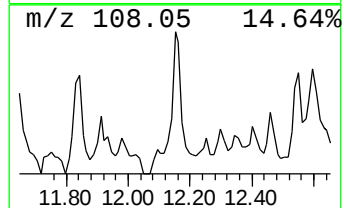
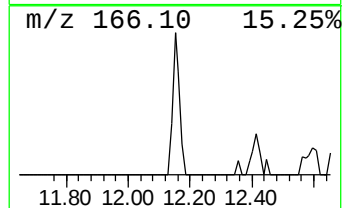
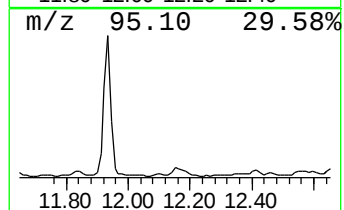
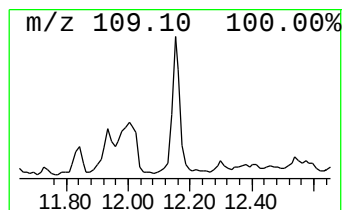
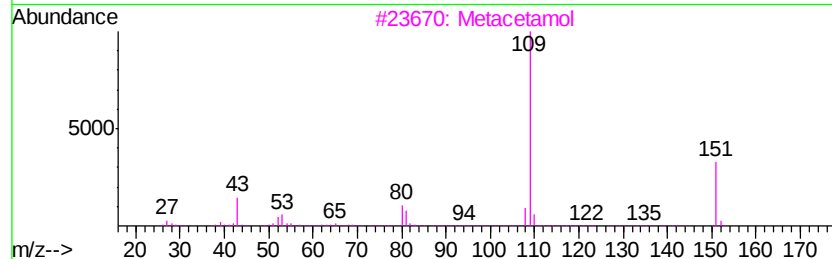
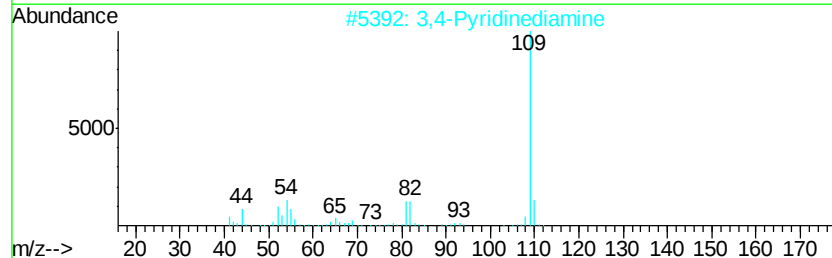
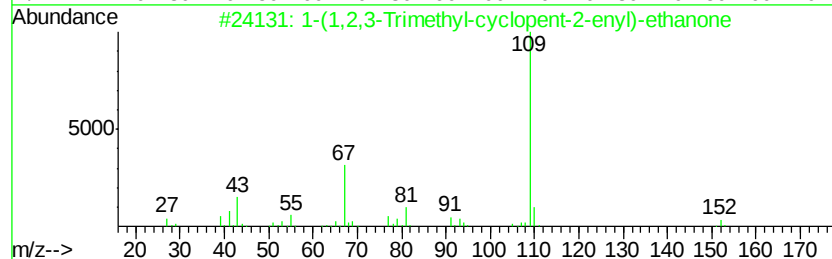
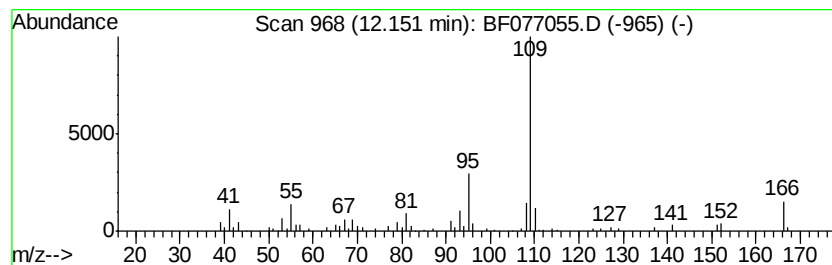
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-(1,2,3-Trimethyl-cyclopent-2-en-1-yl)-ethanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	15.37 ng	277988	Naphthalene-d8	10.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-(1,2,3-Trimethyl-cyclopent-2-en-1-yl)-ethanone	152 C10H16O	070987-81-4	52
2	3,4-Pyridinediamine	109 C5H7N3	000054-96-6	49
3	Metacetamol	151 C8H9NO2	000621-42-1	47
4	3-Pyridinol, 6-methyl-	109 C6H7NO	001121-78-4	47
5	Phenol, o-amino-	109 C6H7NO	000095-55-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
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Misc :
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Instrument :
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ClientSampleId :
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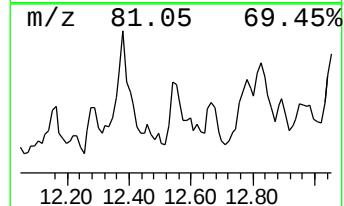
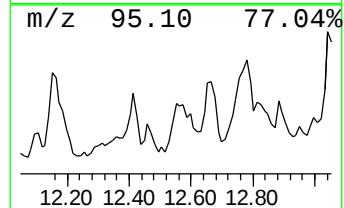
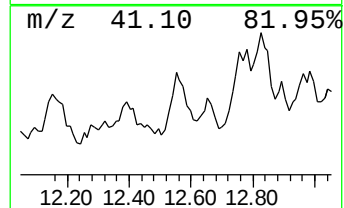
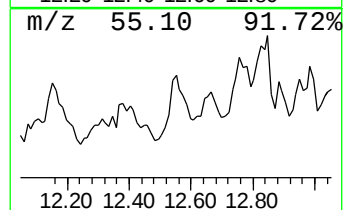
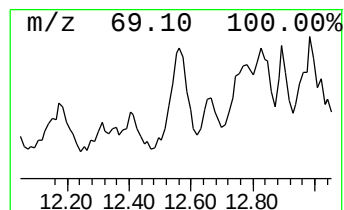
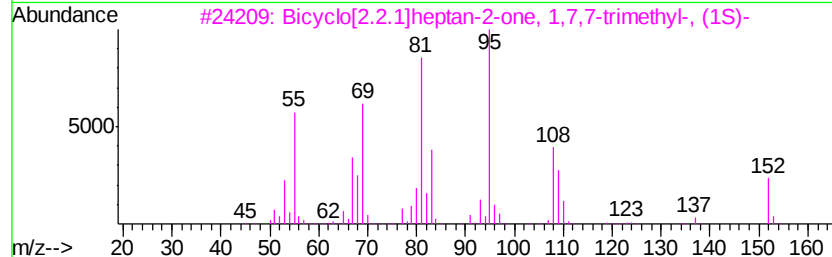
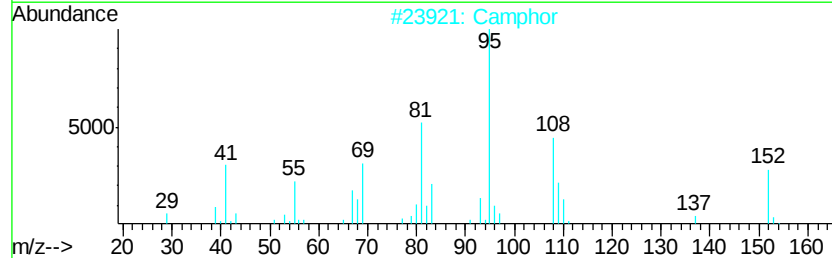
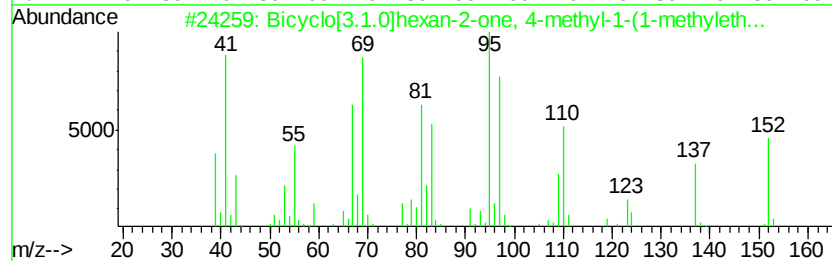
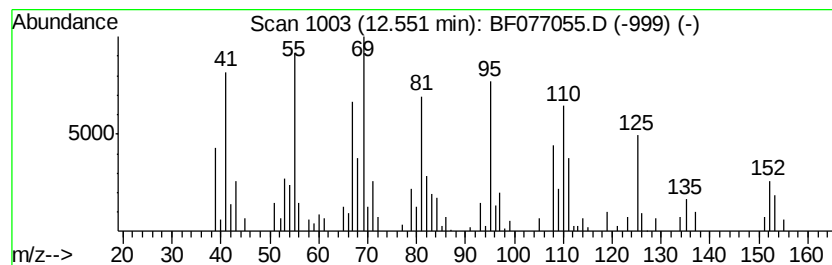
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	13.76 ng	248876	Naphthalene-d8	10.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	49
2		Camphor	152	C10H16O	000076-22-2	46
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	41
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	38
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	38



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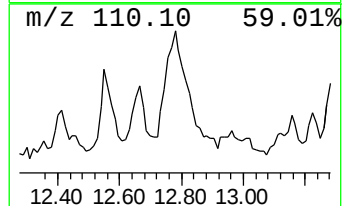
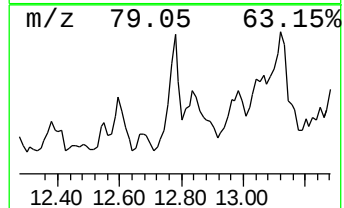
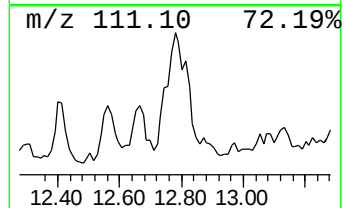
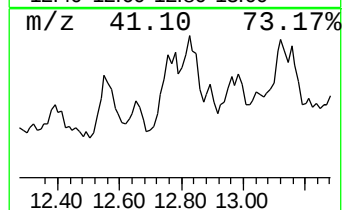
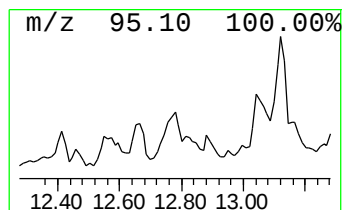
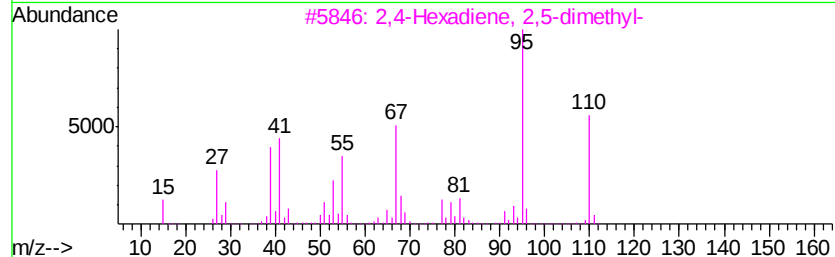
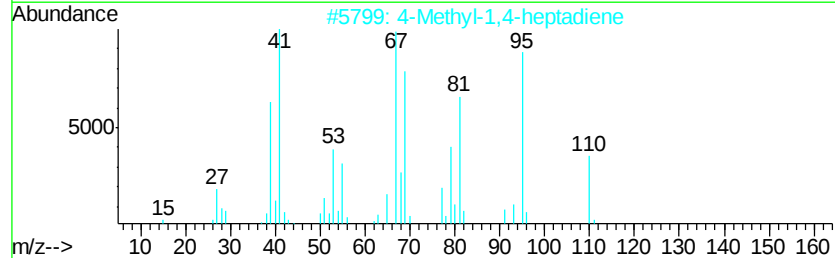
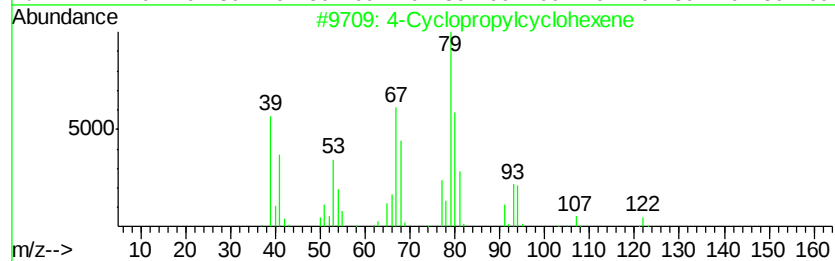
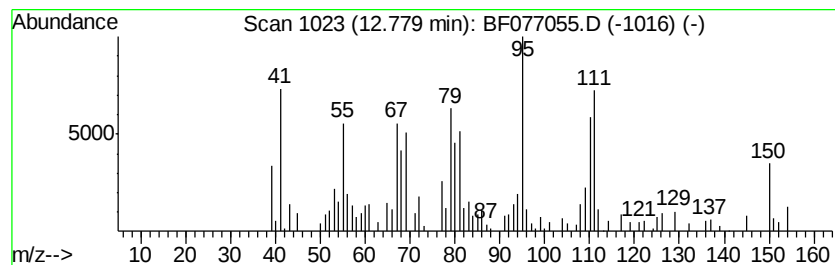
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-Cyclopropylcyclohexene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	14.98 ng	315308	Acenaphthene-d10	14.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclopropylcyclohexene	122	C9H14	080105-51-7	70
2	4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	50
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	43
4	2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	43
5	2,4-Hexadienoic acid, methyl ester	126	C7H10O2	001515-80-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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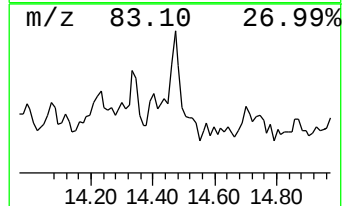
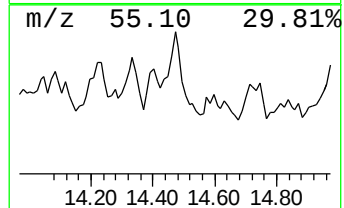
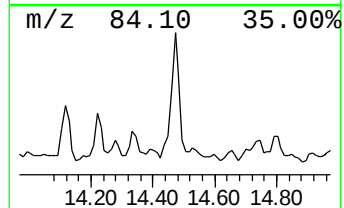
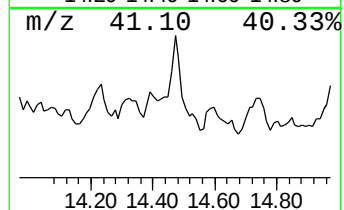
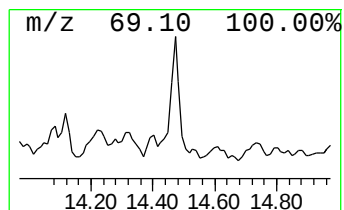
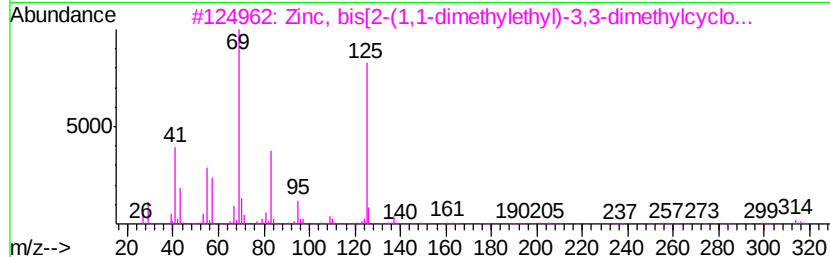
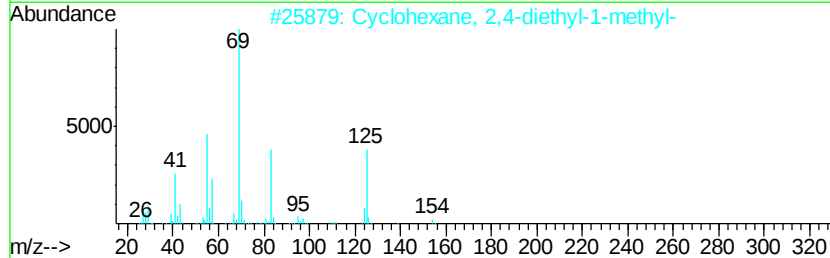
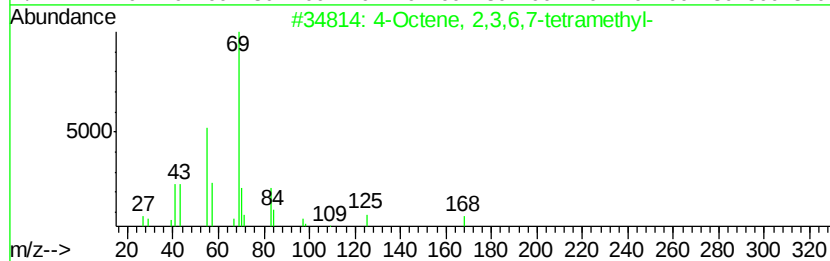
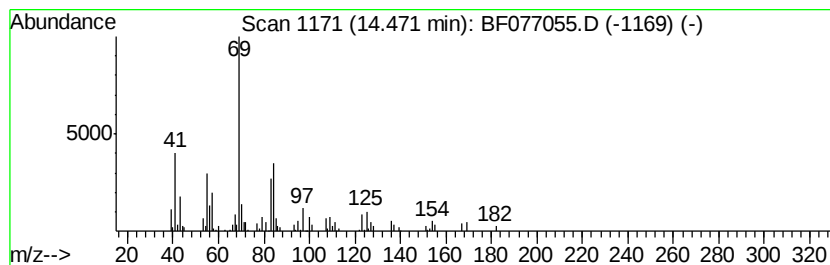
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ClientSampleId :
S8-0409

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 11 4-Octene, 2,3,6,7-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.47	18.15 ng	381897	Acenaphthene-d10	14.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	59
2	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	53
3	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	50
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	47
5	3-Penten-2-one	84	C5H8O	000625-33-2	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409

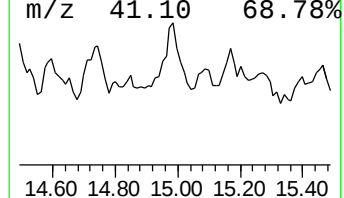
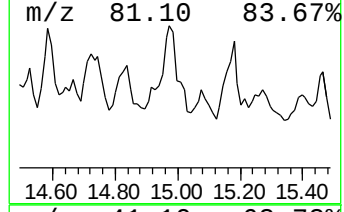
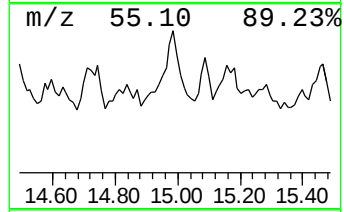
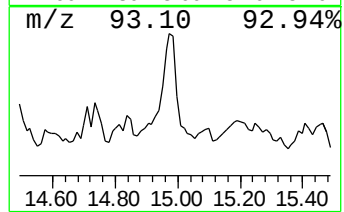
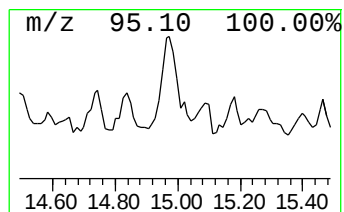
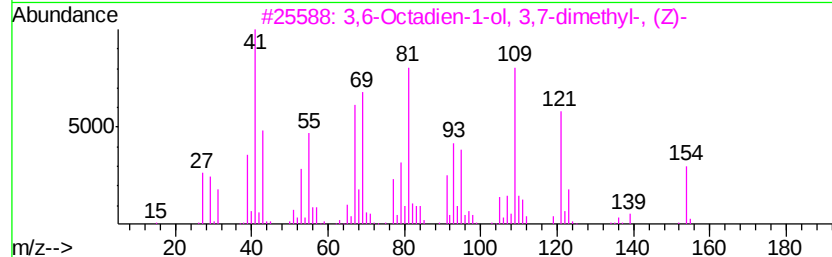
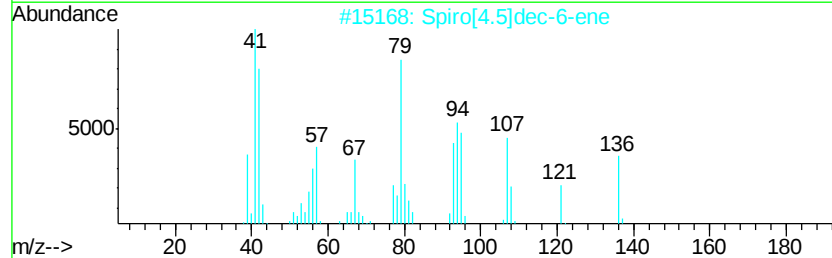
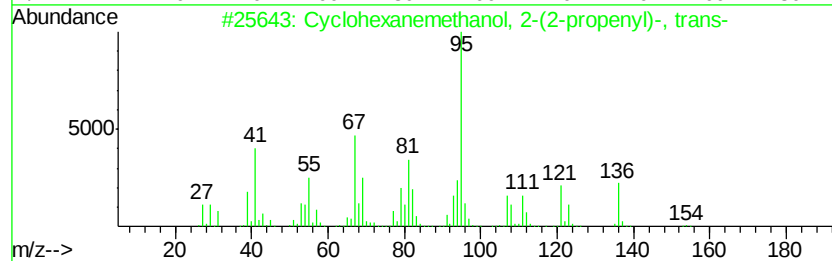
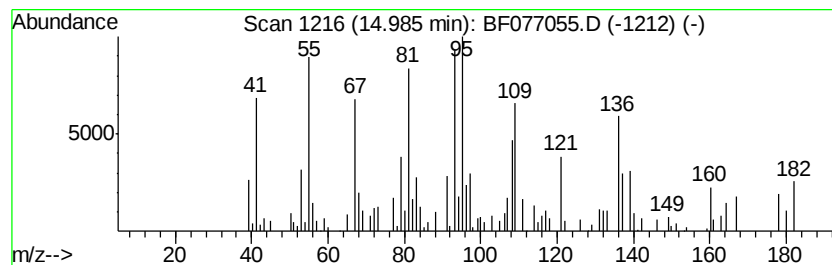
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexanemethanol, 2-(2-p... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	17.59 ng	370201	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, 2-(2-propen...	154	C10H18O	134837-38-0	60
2		Spiro[4.5]dec-6-ene	136	C10H16	000697-28-9	46
3		3,6-Octadien-1-ol, 3,7-dimethyl-...	154	C10H18O	005944-20-7	27
4		trans-syn-cis-Tricyclo[7.3.0.0(2...	178	C12H18O	073306-77-1	15
5		Cyclopenta[c]pyran-1,3-dione, 4,...	180	C10H12O3	066407-26-9	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S8-0409

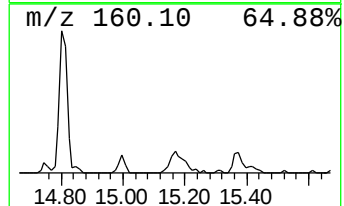
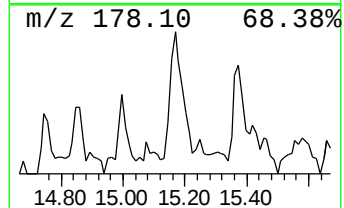
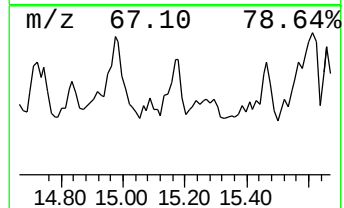
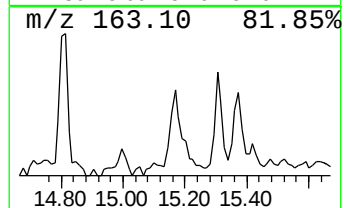
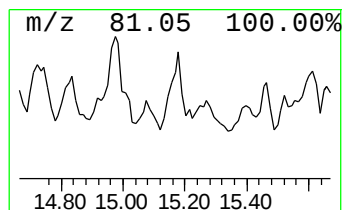
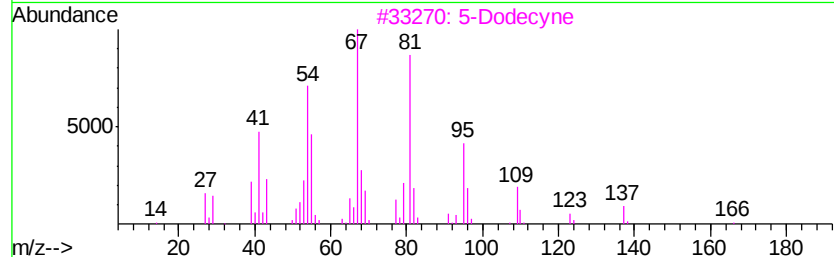
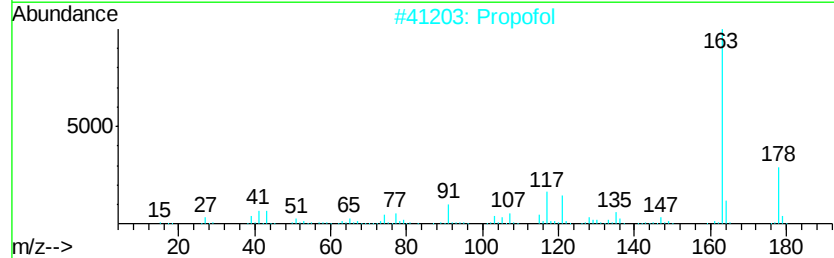
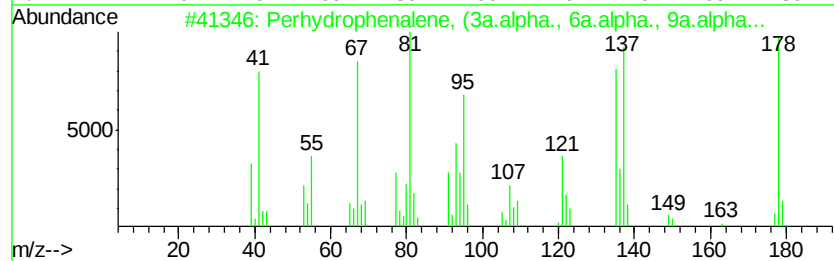
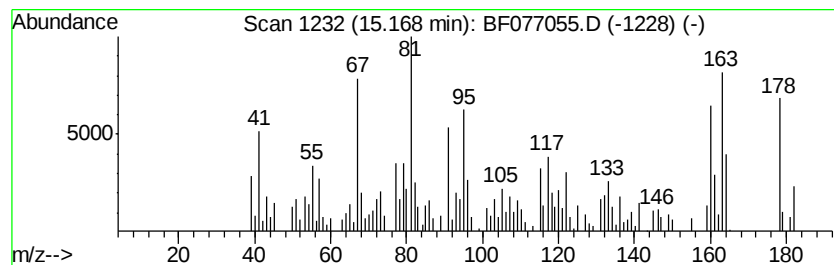
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.17 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	13.33 ng	280464	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perhydrophenalene, (3a.alpha., 6...	178	C13H22	040250-64-4	43
2		Propofol	178	C12H18O	002078-54-8	38
3		5-Dodecyne	166	C12H22	019780-12-2	27
4		s-Triazolo[4,3-a]pyrazine, 3-ami...	163	C7H9N5	019855-02-8	25
5		Spiro[2.5]octane	110	C8H14	000185-65-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

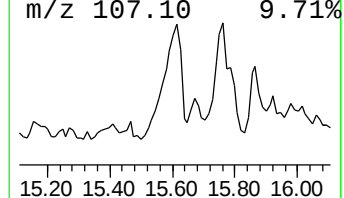
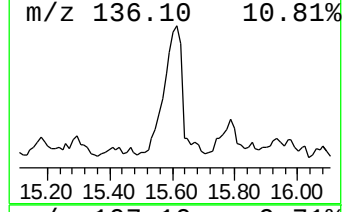
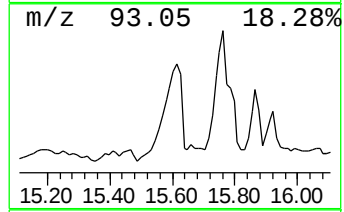
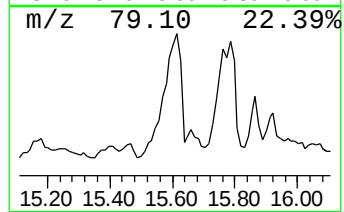
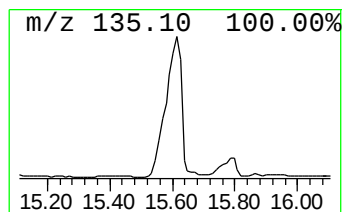
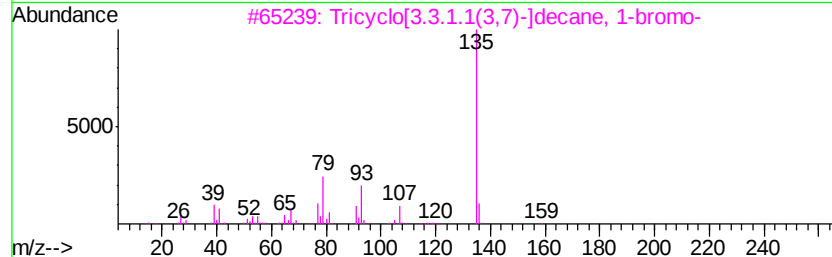
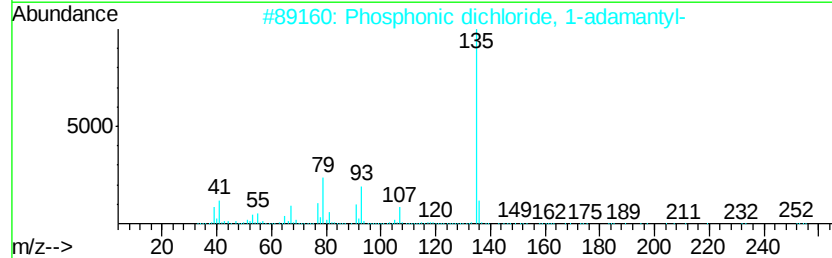
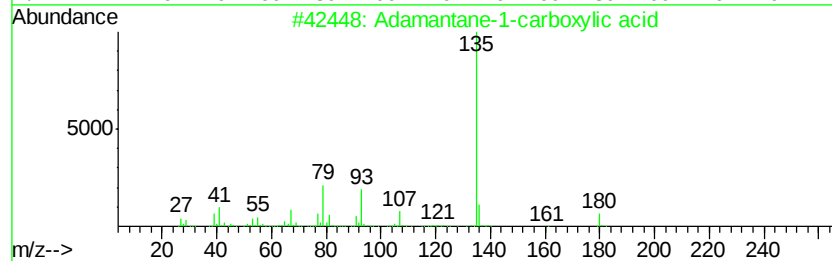
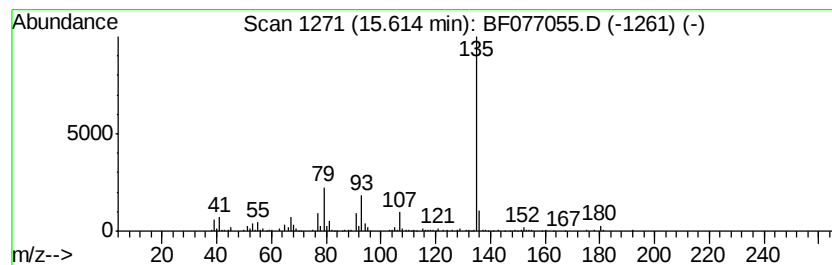
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Adamantane-1-carboxylic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.61	40.88 ng	860475	Acenaphthene-d10	14.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	91
2		Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	91
3		Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	90
4		1-Adamantanecarboxylic acid chloride	198	C11H15ClO	002094-72-6	90
5		2-(2-Adamantan-1-yl-2-oxo-ethyl)...	362	C21H22N4O2	1000277-75-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
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Operator : TP/IZ
Sample : G1052-03
Misc :
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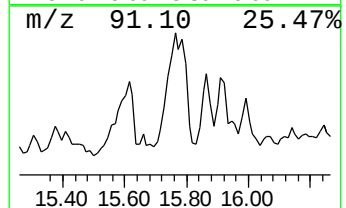
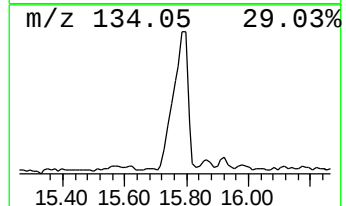
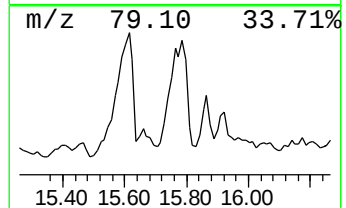
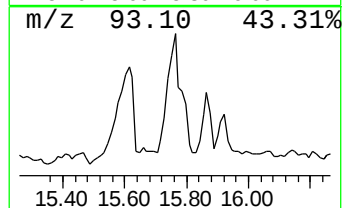
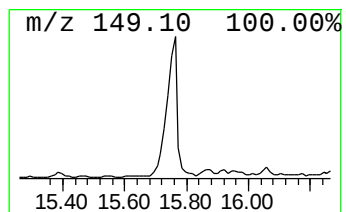
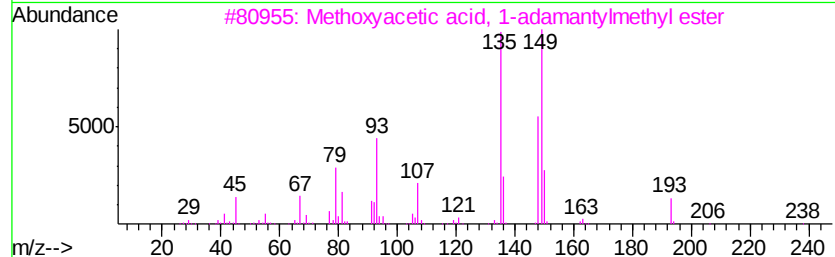
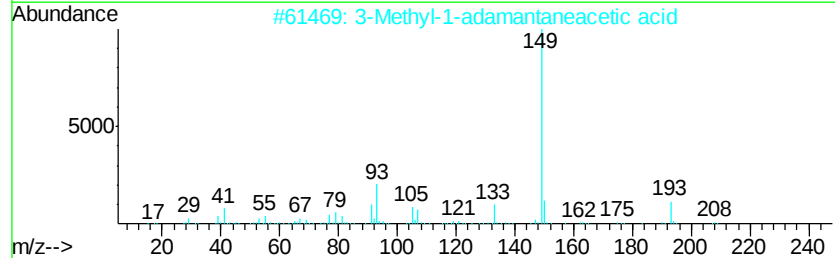
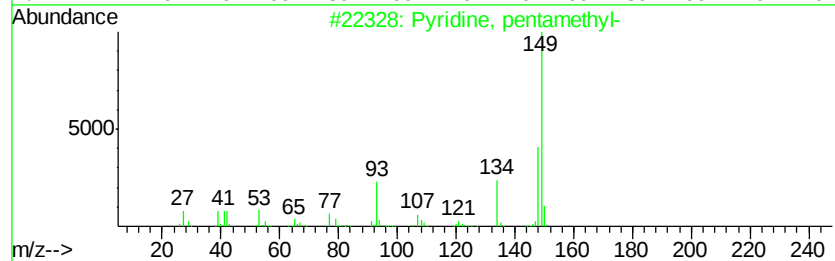
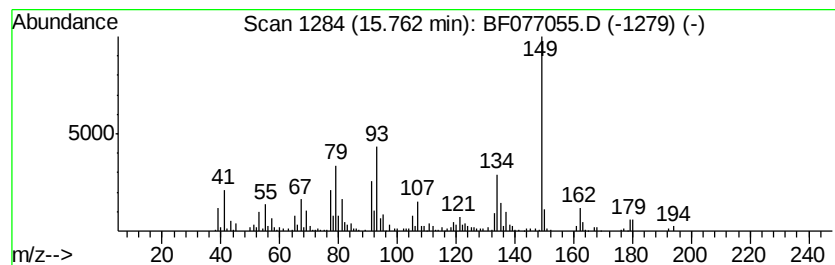
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyridine, pentamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	49.23 ng	1036020	Acenaphthene-d10	14.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyridine, pentamethyl-	149 C10H15N	003748-83-2 50
2		3-Methyl-1-adamantaneacetic acid	208 C13H20O2	014202-13-2 43
3		Methoxyacetic acid, 1-adamantylm...	238 C14H22O3	1000282-98-6 40
4		Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4 40
5		2-(3-Methylbuta-1,3-dienyl)cyclo...	164 C11H16O	1000191-75-5 40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
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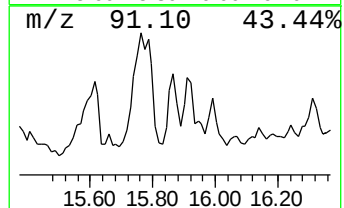
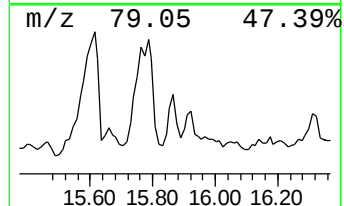
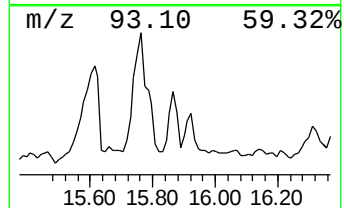
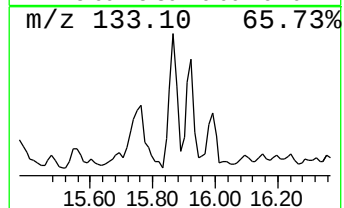
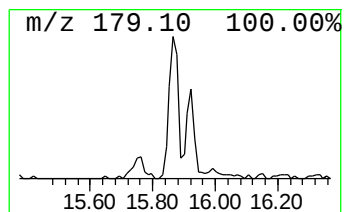
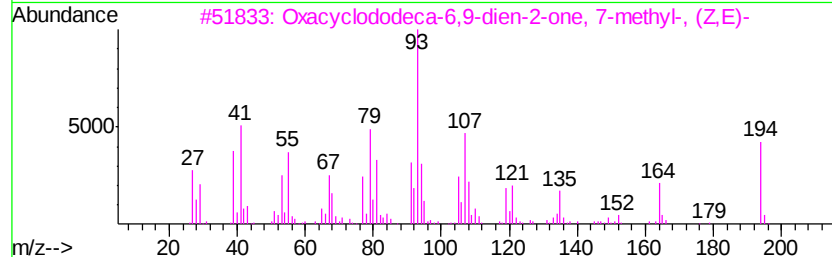
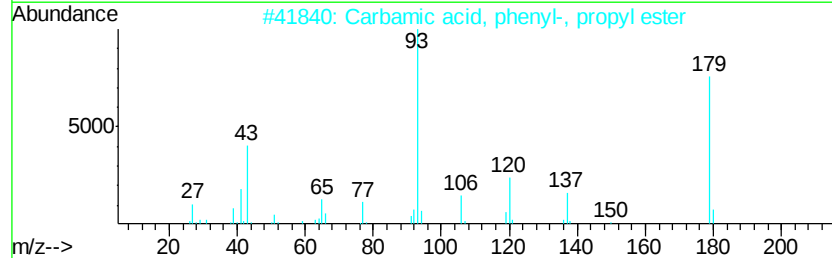
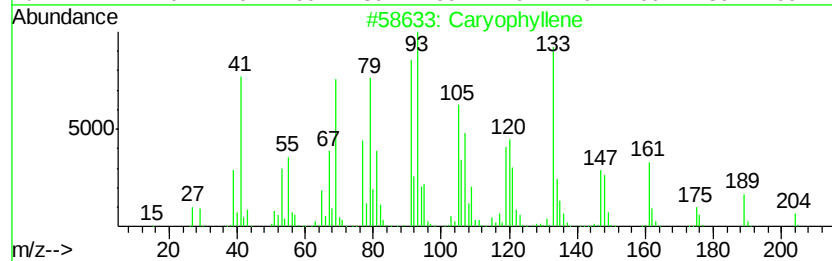
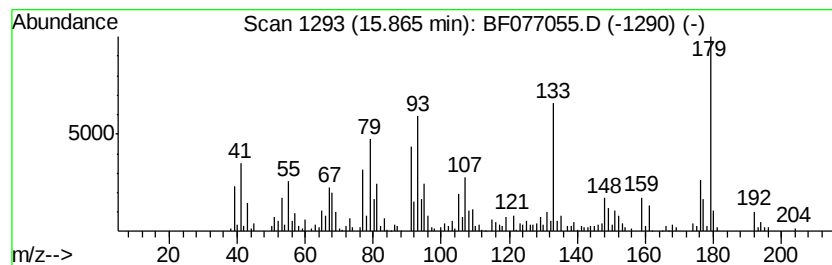
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.87 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.87	17.23 ng	362538	Acenaphthene-d10	14.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	38
2	Carbamic acid, phenyl-, propyl e...	179	C10H13NO2	005532-90-1	35
3	Oxacyclododeca-6,9-dien-2-one, 7...	194	C12H18O2	070968-72-8	35
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	18
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
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Acq On : 26 Jan 2015 15:46
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Misc :
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ClientSampleId :
S8-0409

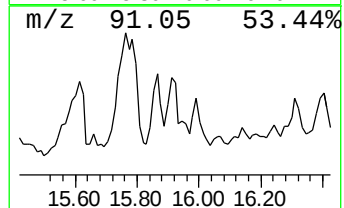
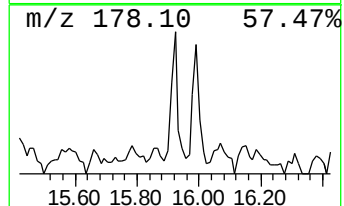
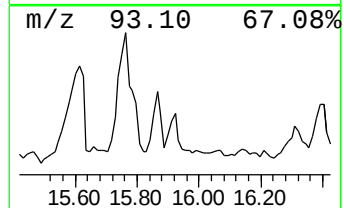
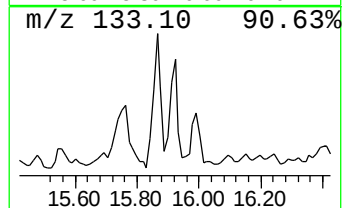
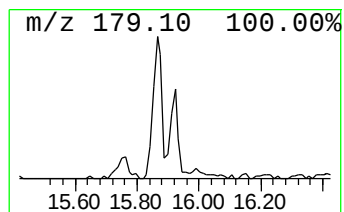
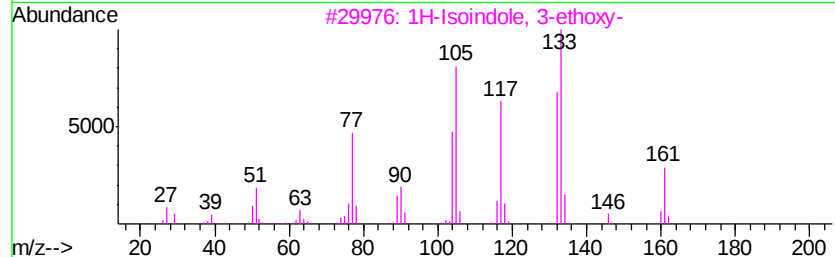
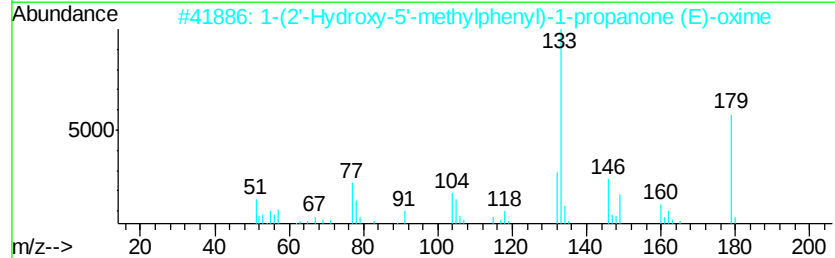
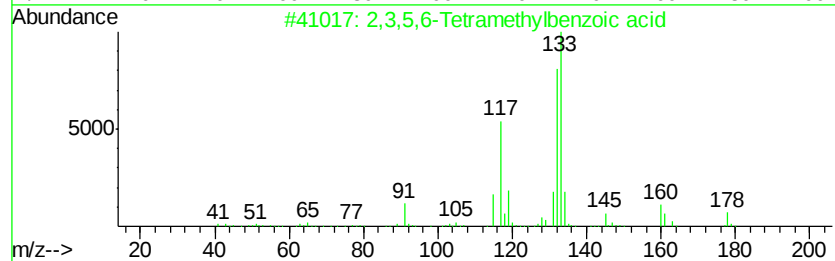
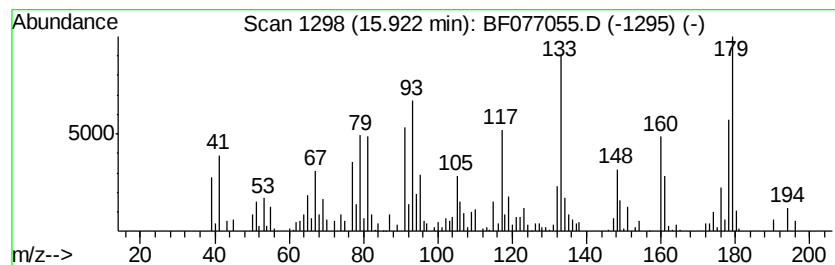
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2,3,5,6-Tetramethylbenzoic ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	14.80 ng	311448	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	53
2		1-(2'-Hydroxy-5'-methylphenyl)-1...	179	C10H13NO2	1000146-14-7	49
3		1H-Isoindole, 3-ethoxy-	161	C10H11NO	049619-49-0	30
4		Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	25
5		2-tert-Butyltoluene	148	C11H16	001074-92-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409

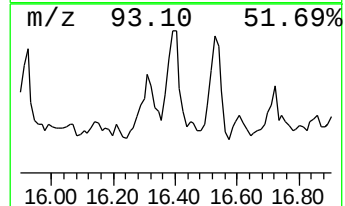
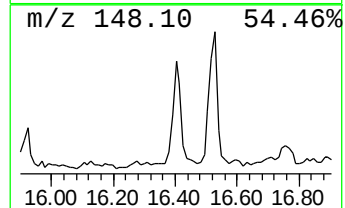
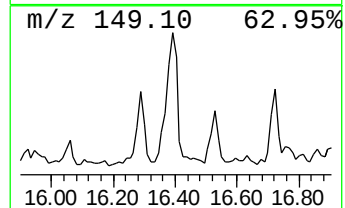
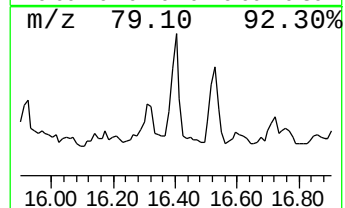
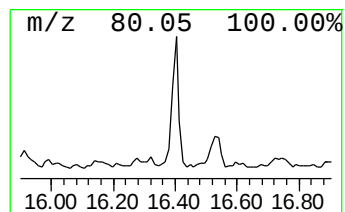
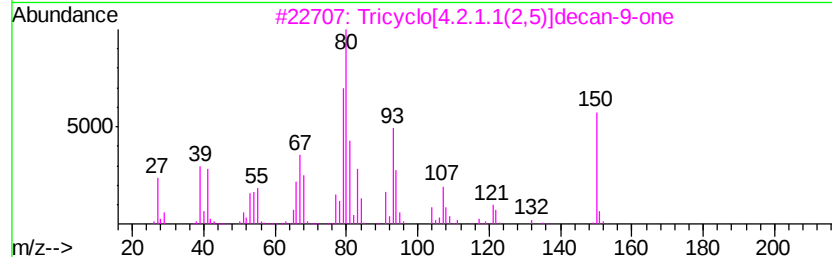
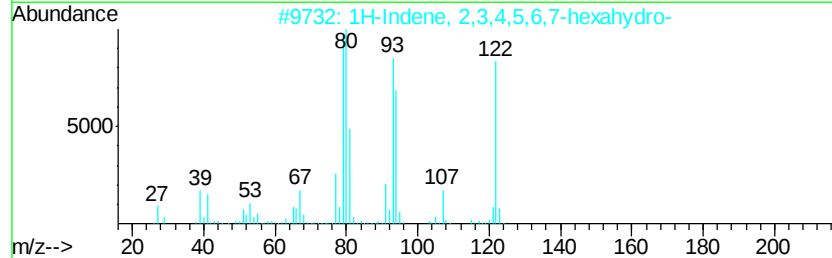
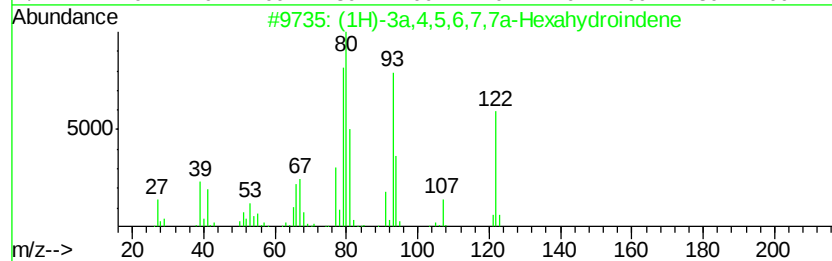
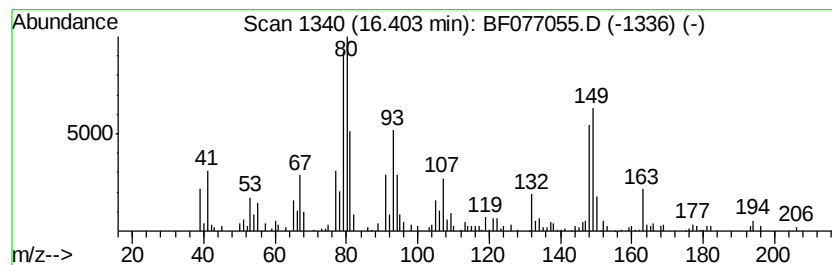
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 (1H)-3a,4,5,6,7,7a-Hexahydr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	14.48 ng	263431	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1H)-3a,4,5,6,7,7a-Hexahydroindene	122	C9H14	1000196-59-5	76
2		1H-Indene, 2,3,4,5,6,7-hexahydro-	122	C9H14	000695-90-9	76
3		Tricyclo[4.2.1.1(2,5)]decan-9-one	150	C10H14O	067009-90-9	74
4		Hexahydrocyclobuta[c]pentalen-3-one	150	C10H14O	1000191-38-5	64
5		Spiro[2.4]heptane, 5-methylene-	108	C8H12	037745-07-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409

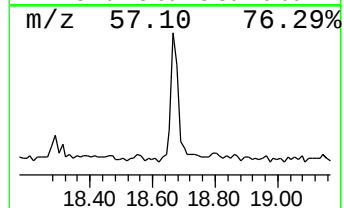
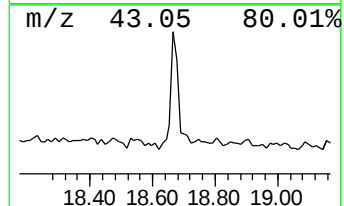
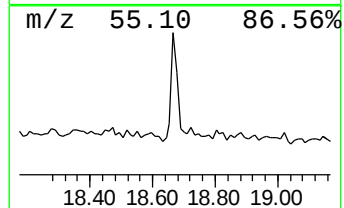
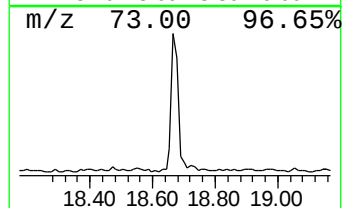
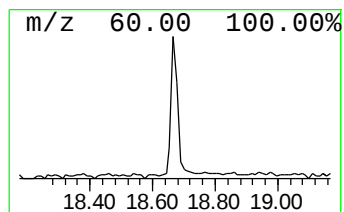
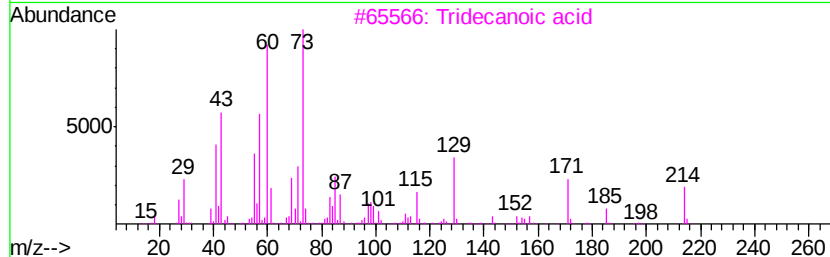
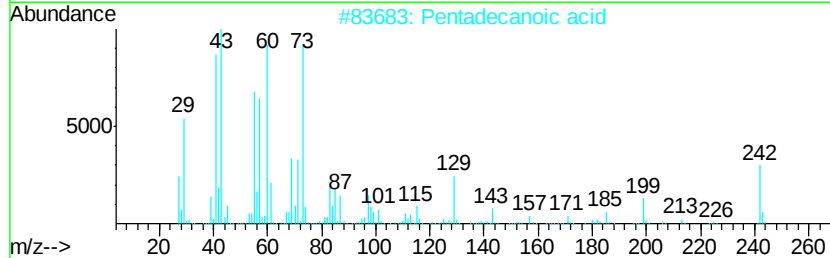
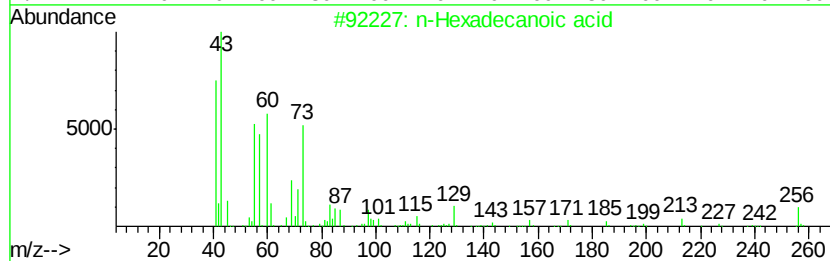
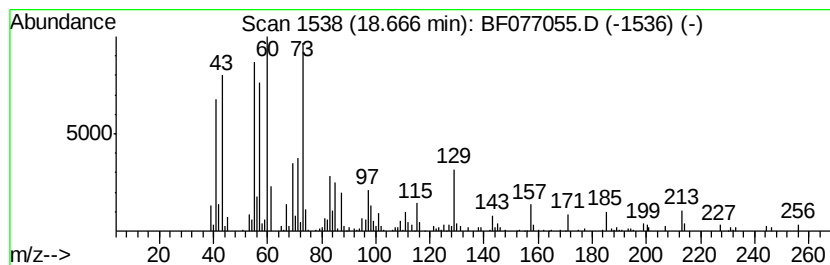
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	13.59 ng	247332	Phenanthrene-d10	17.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tridecanoic acid	214	C13H26O2	000638-53-9	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Dodecanoic acid	200	C12H24O2	000143-07-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077055.D
Acq On : 26 Jan 2015 15:46
Operator : TP/IZ
Sample : G1052-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409

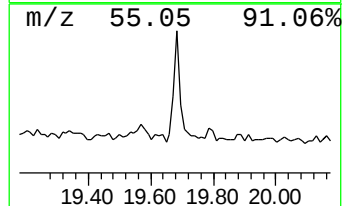
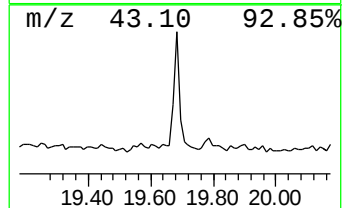
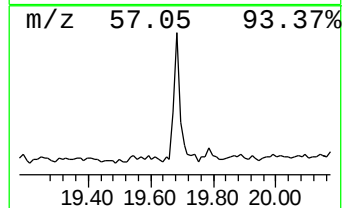
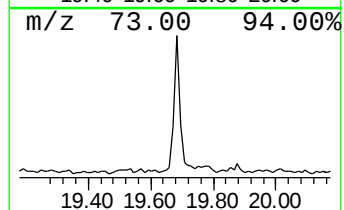
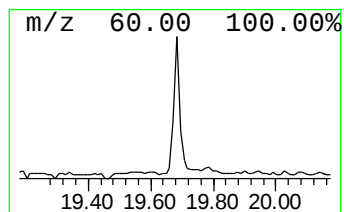
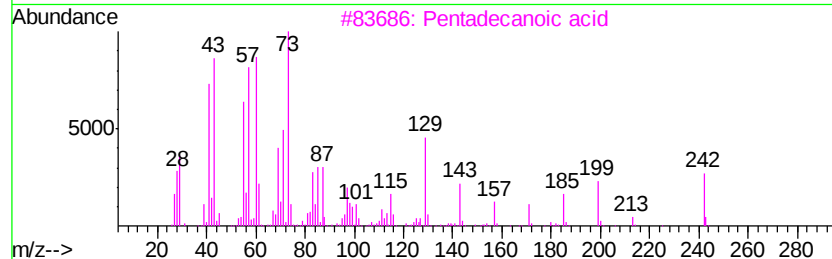
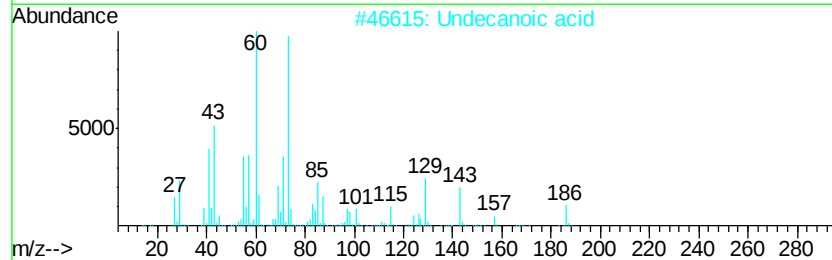
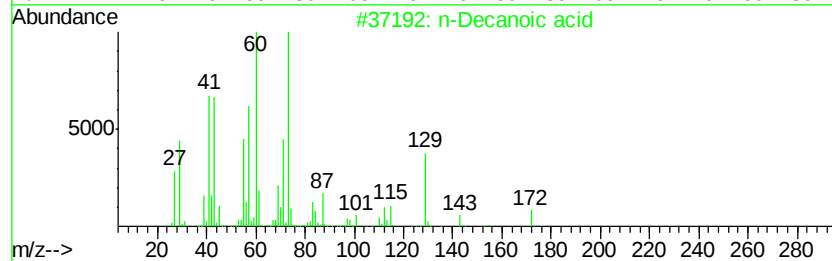
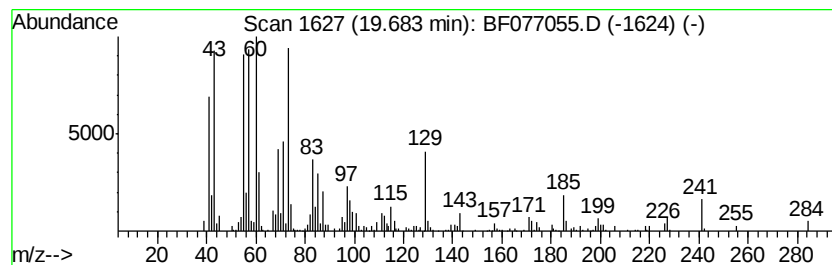
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Decanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	13.20 ng	239107	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Decanoic acid	172	C10H20O2	000334-48-5	76
2		Undecanoic acid	186	C11H22O2	000112-37-8	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077055.D
 Acq On : 26 Jan 2015 15:46
 Operator : TP/IZ
 Sample : G1052-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409

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	86.8	ng	940110	1	7.76	216594	20.0
unknown8.28	8.28	21.6	ng	233807	1	7.76	216594	20.0
unknown8.80	8.80	14.3	ng	155218	1	7.76	216594	20.0
unknown8.97	8.97	13.4	ng	144932	1	7.76	216594	20.0
unknown9.77	9.77	12.8	ng	230761	2	10.68	361676	20.0
1-Adamantanol	11.93	26.7	ng	482040	2	10.68	361676	20.0
1-(1,2,3-Trimethy...	12.15	15.4	ng	277988	2	10.68	361676	20.0
unknown12.55	12.55	13.8	ng	248876	2	10.68	361676	20.0
4-Cyclopropylcycl...	12.78	15.0	ng	315308	3	14.80	420933	20.0
4-Octene, 2,3,6,7...	14.47	18.1	ng	381897	3	14.80	420933	20.0
Cyclohexanemethan...	14.99	17.6	ng	370201	3	14.80	420933	20.0
unknown15.17	15.17	13.3	ng	280464	3	14.80	420933	20.0
Adamantane-1-carb...	15.61	40.9	ng	860475	3	14.80	420933	20.0
Pyridine, pentame...	15.76	49.2	ng	1036020	3	14.80	420933	20.0
unknown15.87	15.87	17.2	ng	362538	3	14.80	420933	20.0
2,3,5,6-Tetrameth...	15.92	14.8	ng	311448	3	14.80	420933	20.0
(1H)-3a,4,5,6,7,7...	16.40	14.5	ng	263431	4	17.64	363928	20.0
n-Hexadecanoic acid	18.67	13.6	ng	247332	4	17.64	363928	20.0
n-Decanoic acid	19.68	13.2	ng	239107	5	21.15	362397	20.0