

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087012.D
 Acq On : 14 May 2016 11:22
 Operator : UM/SJ
 Sample : H2947-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

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-BF050916.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	1.736	12	13	45	rVB	4270478	8140275	100.00%	10.698%
2	4.753	275	277	280	rBV	46490	91973	1.13%	0.121%
3	5.199	314	316	323	rBV	1606947	1870473	22.98%	2.458%
4	5.347	328	329	335	rVV2	47321	108094	1.33%	0.142%
5	5.633	350	354	360	rVB4	101669	187685	2.31%	0.247%
6	6.285	408	411	417	rBV	861566	1352008	16.61%	1.777%
7	6.387	417	420	422	rBV	3374944	3595763	44.17%	4.726%
8	6.513	427	431	434	rVV3	140258	446717	5.49%	0.587%
9	6.605	437	439	444	rVB	700746	1164469	14.31%	1.530%
10	6.765	451	453	456	rBV	3136726	3194725	39.25%	4.199%
11	6.833	456	459	461	rVV3	49667	94057	1.16%	0.124%
12	6.867	461	462	463	rVB	145120	99552	1.22%	0.131%
13	6.890	463	464	467	rVB3	50444	89860	1.10%	0.118%
14	6.959	467	470	473	rBV3	242866	397565	4.88%	0.522%
15	7.062	477	479	482	rBV3	90512	213602	2.62%	0.281%
16	7.107	482	483	484	rBV	89745	99502	1.22%	0.131%
17	7.142	484	486	488	rVB2	98427	156732	1.93%	0.206%
18	7.187	488	490	492	rBV	2928528	3169970	38.94%	4.166%
19	7.256	494	496	499	rVB4	131169	219787	2.70%	0.289%
20	7.347	501	504	506	rVB4	123565	252843	3.11%	0.332%
21	7.393	506	508	510	rVB3	267795	288047	3.54%	0.379%
22	7.439	510	512	514	rVB2	148676	197479	2.43%	0.260%
23	7.485	514	516	518	rBV2	113153	161343	1.98%	0.212%
24	7.553	518	522	523	rBV3	146148	289434	3.56%	0.380%
25	7.588	523	525	527	rVB2	137366	234101	2.88%	0.308%
26	7.622	527	528	530	rBV2	88319	157782	1.94%	0.207%
27	7.668	530	532	534	rVB2	205521	237148	2.91%	0.312%
28	7.736	534	538	544	rVB5	244967	669451	8.22%	0.880%
29	7.839	544	547	549	rBV3	241791	475930	5.85%	0.625%
30	7.896	550	552	556	rBV	1204911	1711584	21.03%	2.249%
31	7.976	558	559	561	rVB2	283639	236200	2.90%	0.310%
32	8.022	561	563	564	rBV	124056	158105	1.94%	0.208%
33	8.090	564	569	571	rVB2	472871	796953	9.79%	1.047%
34	8.148	571	574	575	rBV3	245547	375774	4.62%	0.494%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.216	575	580	581 rBV3	488337	1133797	13.93%	1.490%
36	8.376	589	594	598 rBV4	957050	2585685	31.76%	3.398%
37	8.433	598	599	600 rVB	293651	201298	2.47%	0.265%
38	8.525	604	607	608 rBV2	290151	486406	5.98%	0.639%
39	8.559	608	610	612 rVB2	381904	487939	5.99%	0.641%
40	8.628	612	616	618 rBV3	507223	1396722	17.16%	1.836%
41	8.662	618	619	621 rBV2	382830	406934	5.00%	0.535%
42	8.708	621	623	624 rBV	442169	359334	4.41%	0.472%
43	8.856	634	636	638 rBV2	190058	201330	2.47%	0.265%
44	8.936	641	643	645 rVV2	761643	1530706	18.80%	2.012%
45	8.982	645	647	652 rVB	4175866	5332355	65.51%	7.008%
46	9.062	652	654	655 rBV	372690	608097	7.47%	0.799%
47	9.176	661	664	665 rVB3	536079	904952	11.12%	1.189%
48	9.222	666	668	674 rVB3	1144206	2164356	26.59%	2.844%
49	9.313	674	676	678 rBV2	536858	839919	10.32%	1.104%
50	9.359	678	680	682 rBV3	290420	636343	7.82%	0.836%
51	9.405	682	684	690 rVB5	509790	1258160	15.46%	1.654%
52	9.599	699	701	703 rBV2	323707	571795	7.02%	0.751%
53	9.645	703	705	708 rVV2	1273748	1924468	23.64%	2.529%
54	9.691	708	709	711 rVV2	200455	233895	2.87%	0.307%
55	9.736	711	713	716 rVV4	212850	367637	4.52%	0.483%
56	9.862	722	724	726 rVV	245495	191718	2.36%	0.252%
57	9.931	728	730	732 rVB	630543	768115	9.44%	1.009%
58	9.988	732	735	736 rBV2	618698	1040976	12.79%	1.368%
59	10.045	739	740	743 rVV3	724546	1073102	13.18%	1.410%
60	10.125	745	747	749 rVB3	437084	499526	6.14%	0.656%
61	10.171	749	751	754 rBV3	216922	354514	4.36%	0.466%
62	10.388	768	770	772 rVB2	453876	840004	10.32%	1.104%
63	10.445	772	775	777 rBV	2978636	3208008	39.41%	4.216%
64	10.514	777	781	784 rVB5	445125	933576	11.47%	1.227%
65	10.594	786	788	790 rVB2	292066	451230	5.54%	0.593%
66	10.639	790	792	793 rBV	454889	535405	6.58%	0.704%
67	11.005	820	824	826 rVV2	390808	633612	7.78%	0.833%
68	11.051	826	828	833 rVV6	170475	417878	5.13%	0.549%
69	11.131	833	835	837 rVV	1380506	1243912	15.28%	1.635%
70	11.176	837	839	841 rVB2	152268	168143	2.07%	0.221%
71	11.348	853	854	856 rVB	130939	127345	1.56%	0.167%

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72	11.691	882	884	888	rVB	591887	739635	9.09%	0.972%
73	12.354	940	942	947	rVV4	60709	134340	1.65%	0.177%
74	12.457	949	951	953	rVV	376768	439261	5.40%	0.577%
75	12.491	953	954	957	rVV2	196849	270611	3.32%	0.356%
76	12.548	957	959	961	rVB	224926	251004	3.08%	0.330%
77	12.719	971	974	976	rBV	3646425	4752038	58.38%	6.245%
78	13.245	1018	1020	1022	rBV	128252	111455	1.37%	0.146%
79	13.497	1039	1042	1047	rVB2	147950	178710	2.20%	0.235%
80	13.611	1050	1052	1059	rVB	125254	167507	2.06%	0.220%
81	13.748	1062	1064	1067	rBV	1088858	1042297	12.80%	1.370%
82	14.377	1117	1119	1123	rBV2	50677	92629	1.14%	0.122%
83	15.108	1181	1183	1189	rBV	713634	855686	10.51%	1.125%

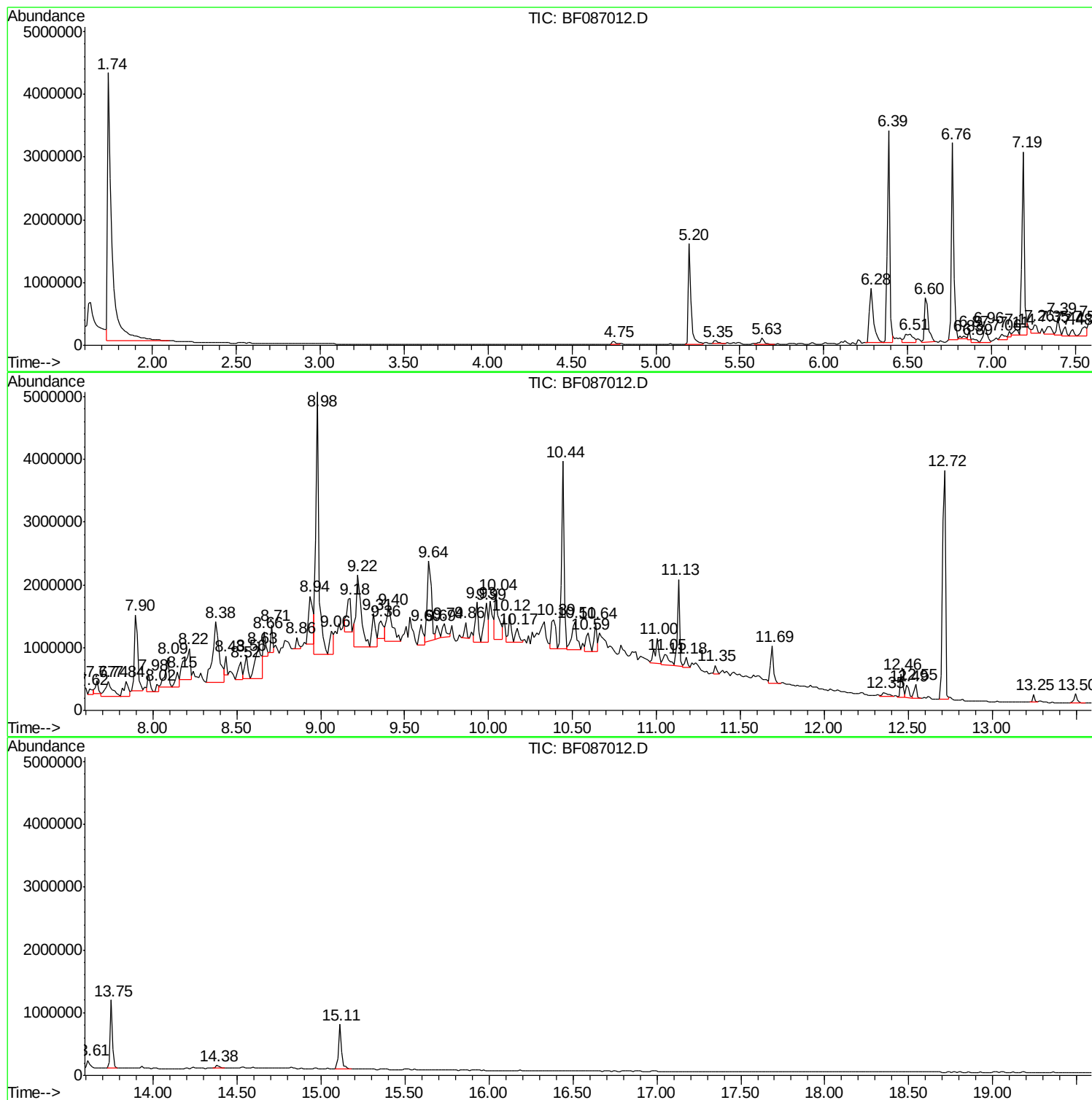
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Instrument :
BNA_F
ClientSampled :
MW-30

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.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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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-30

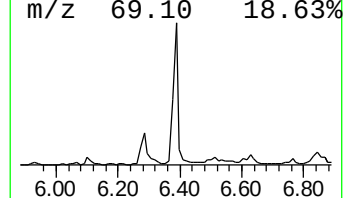
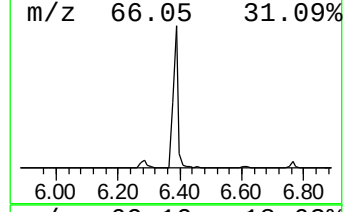
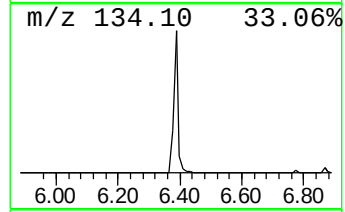
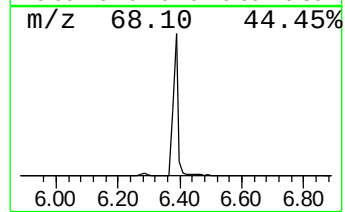
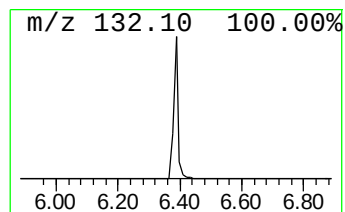
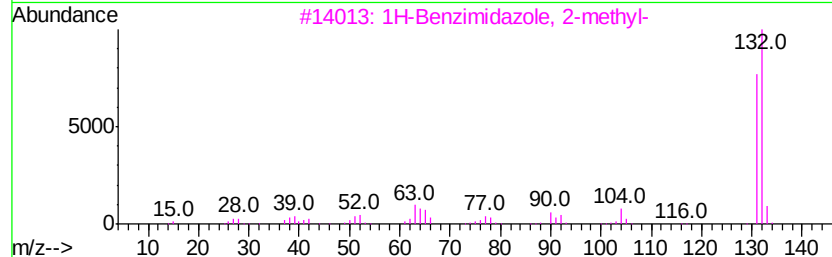
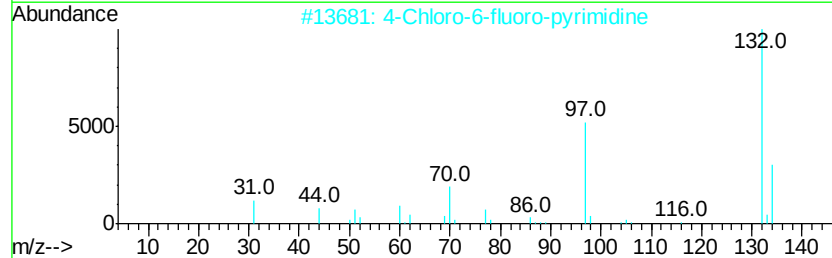
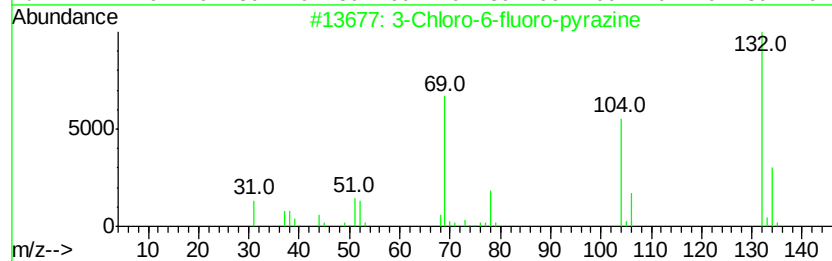
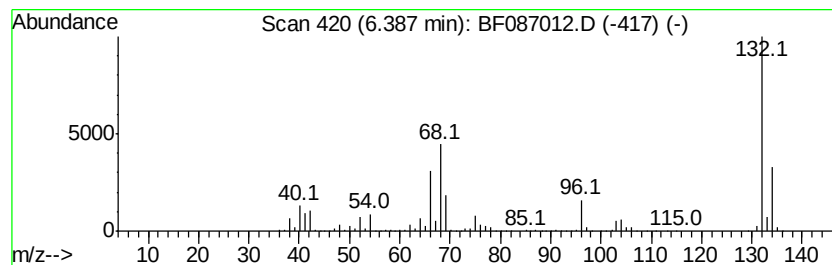
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	61.76 ng	3595760	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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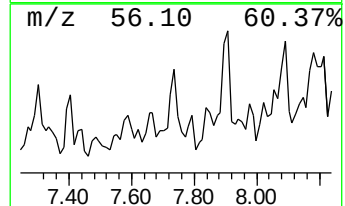
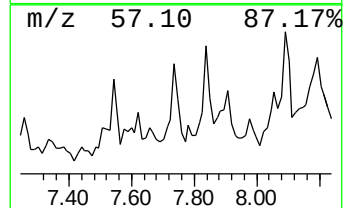
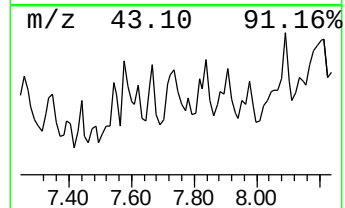
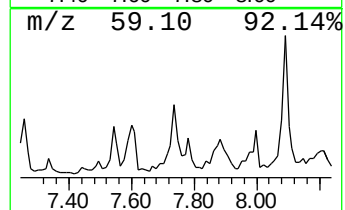
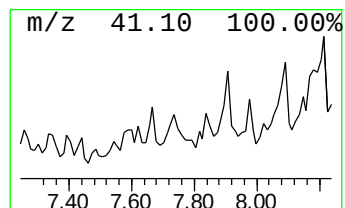
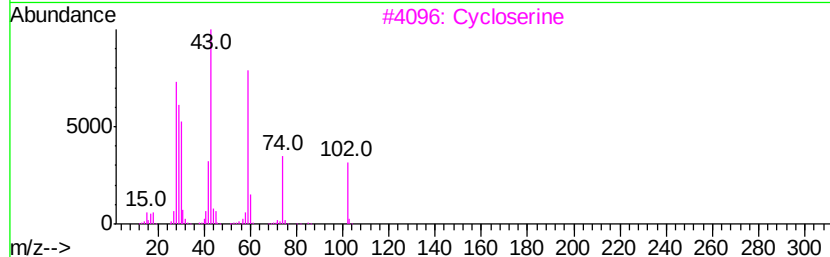
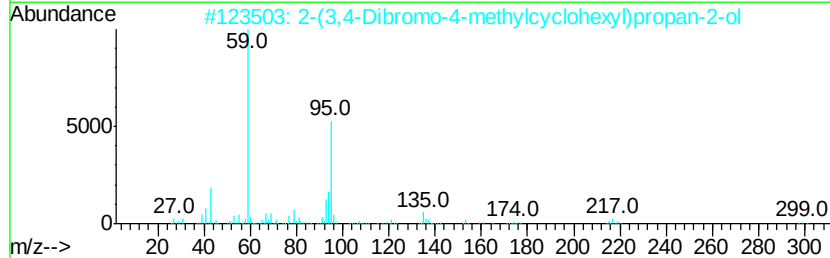
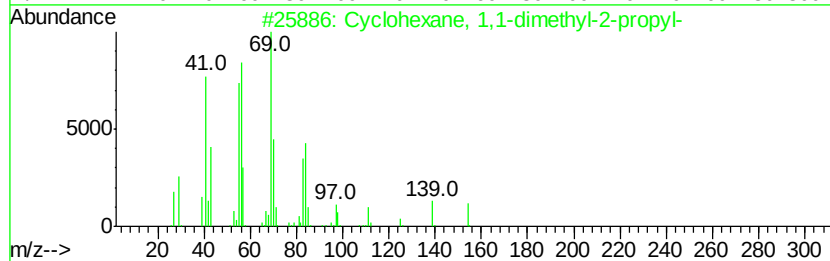
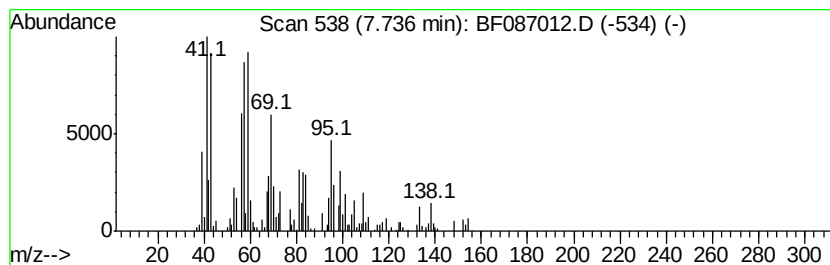
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.74 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	7.82 ng	669451	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	25
2		2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	16
3		Cycloserine	102	C3H6N2O2	000068-41-7	14
4		Undecanol-3	172	C11H24O	006929-08-4	14
5		1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	14



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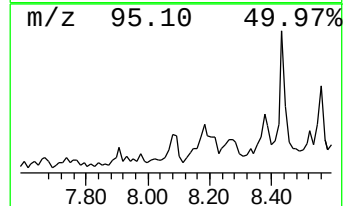
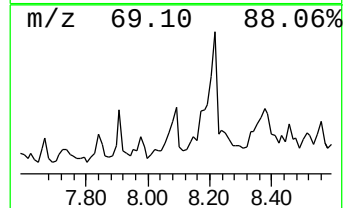
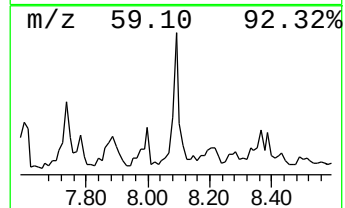
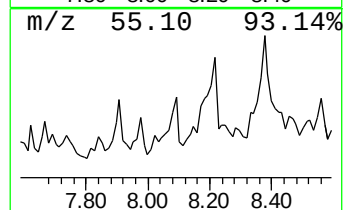
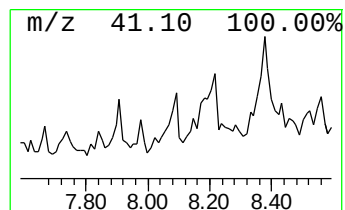
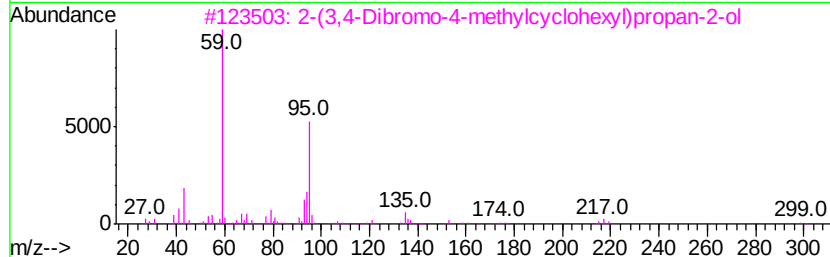
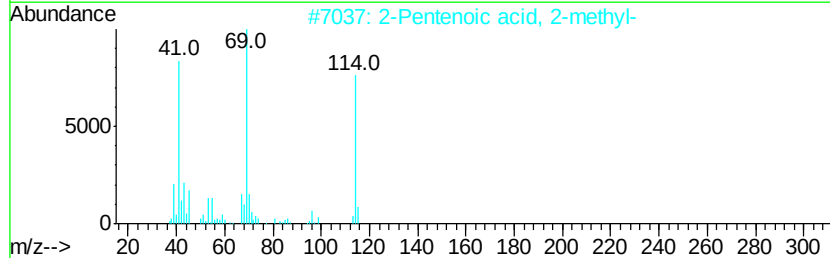
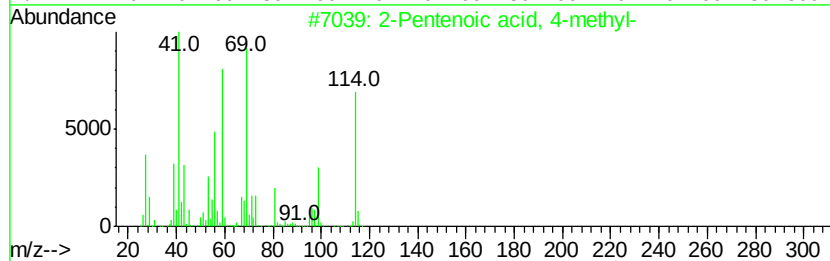
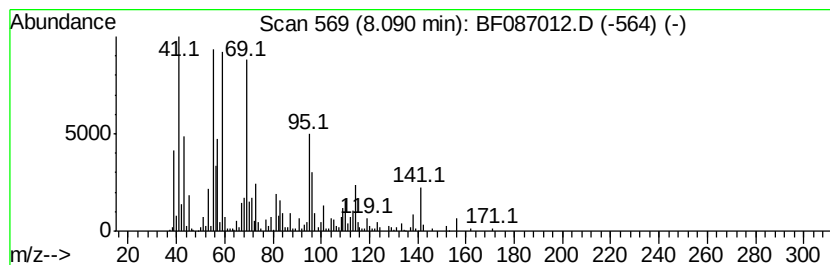
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentenoic acid, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	9.31 ng	796953	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	58
2		2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	38
3		2-(3,4-Dibromo-4-methylcyclohexyl)propan-2-ol	312	C10H18Br2O	110202-13-6	27
4		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	25
5		2-Propenoic acid, 2-methyl-, ethyl-	114	C6H10O2	000097-63-2	25



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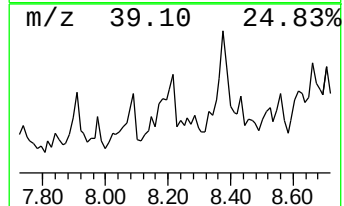
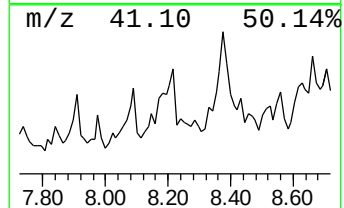
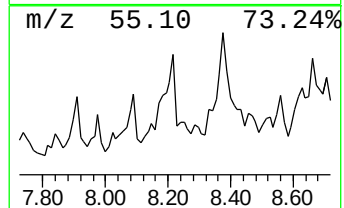
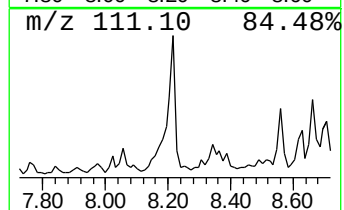
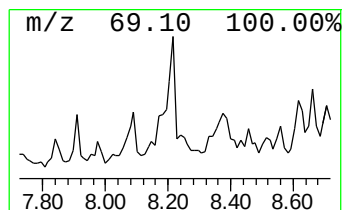
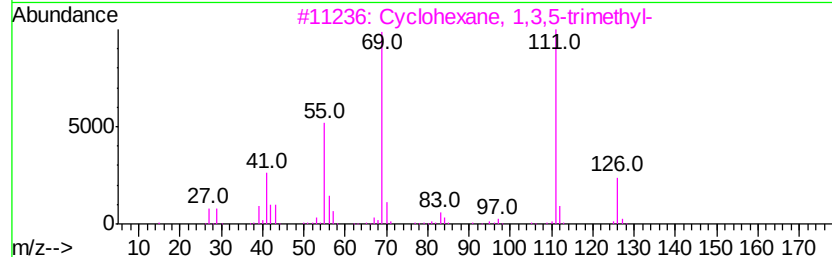
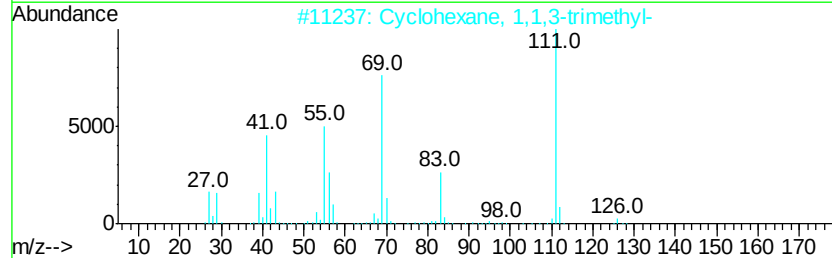
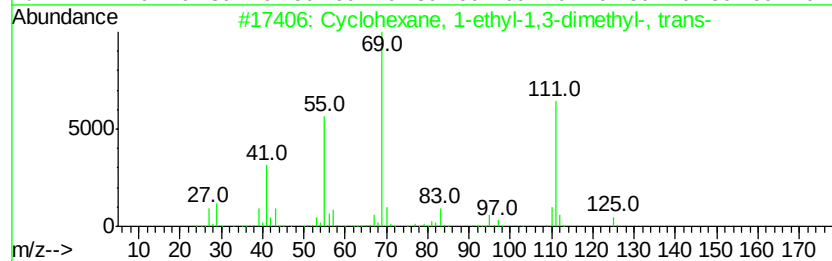
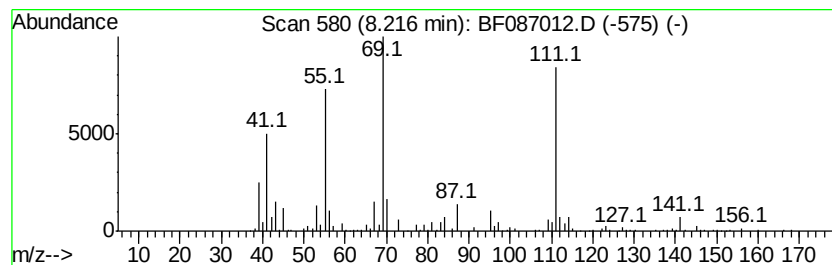
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1-ethyl-1,3-di... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	13.25 ng	1133800	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	72
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4		6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	59
5		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

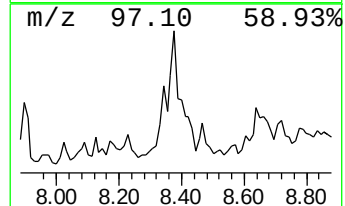
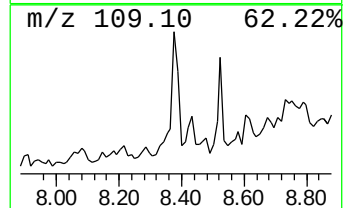
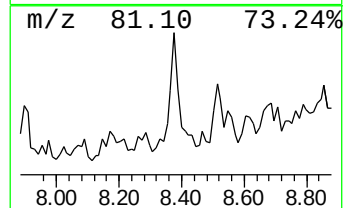
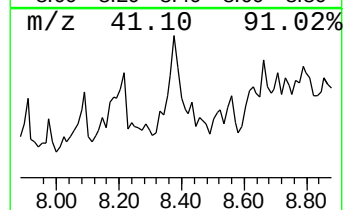
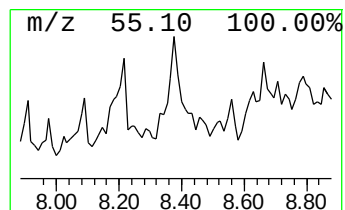
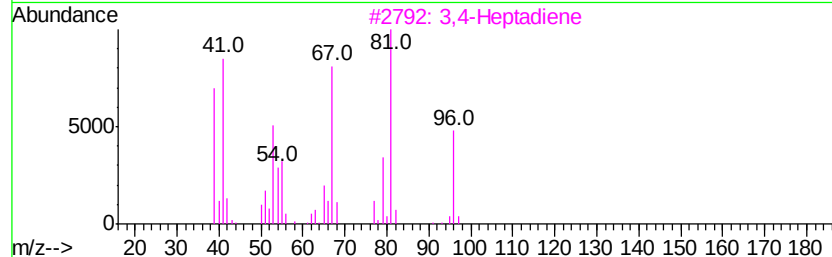
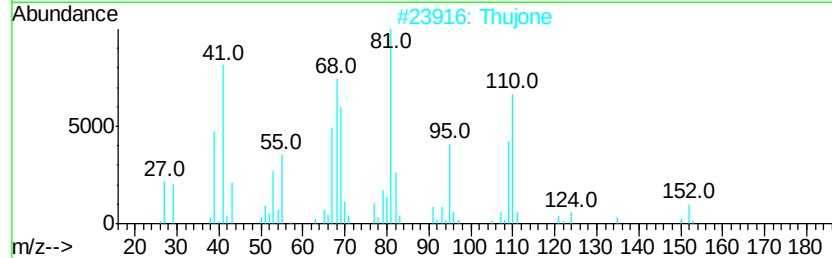
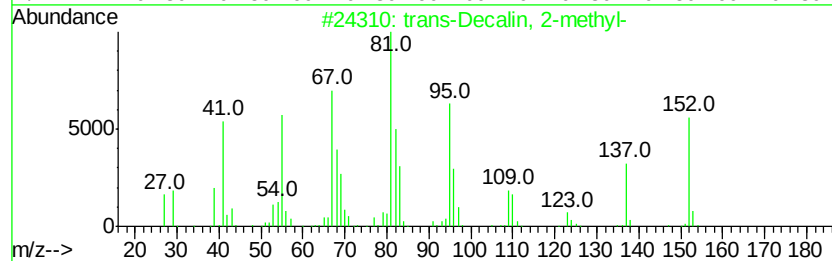
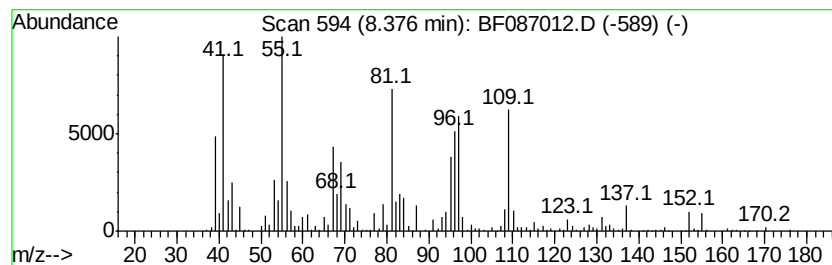
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	30.21 ng	2585690	Napthalene-d8	7.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	60
2	Thujone	152 C10H16O	000546-80-5	49
3	3,4-Heptadiene	96 C7H12	002454-31-1	43
4	3-Hepten-2-ol, (E)-	114 C7H14O	067077-39-8	43
5	Cyclohexene, 1-methyl-	96 C7H12	000591-49-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
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ClientSampleId :
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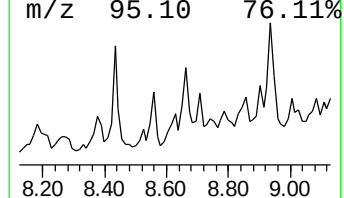
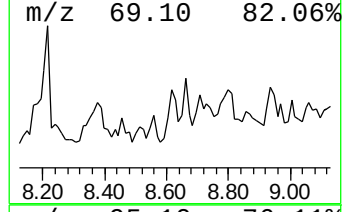
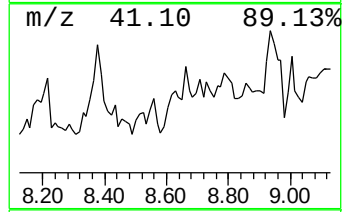
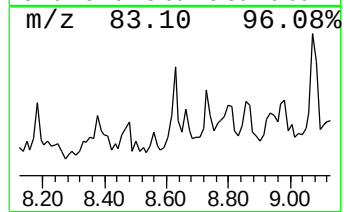
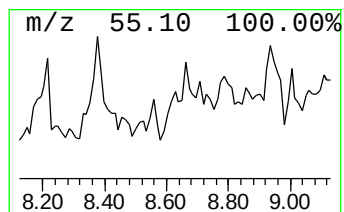
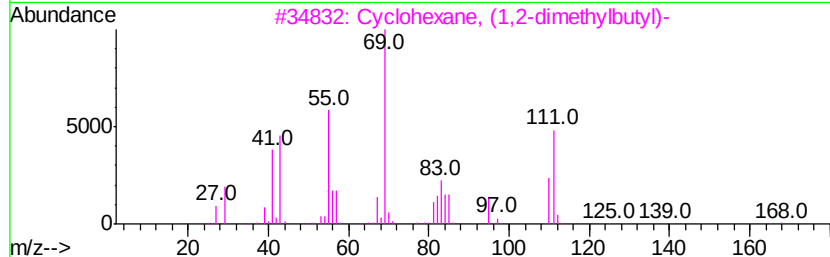
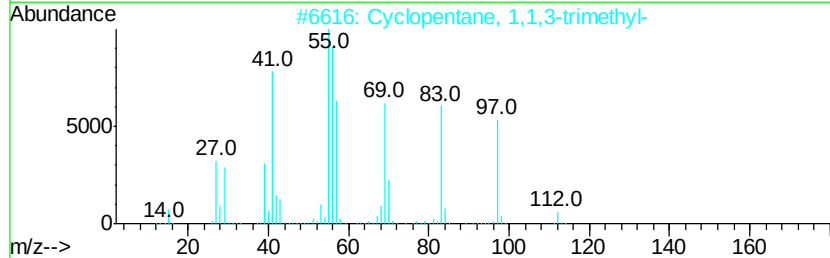
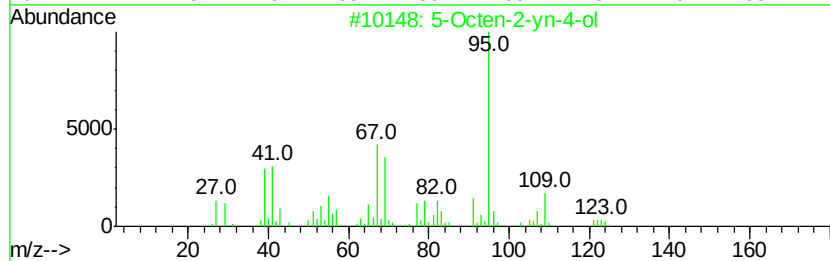
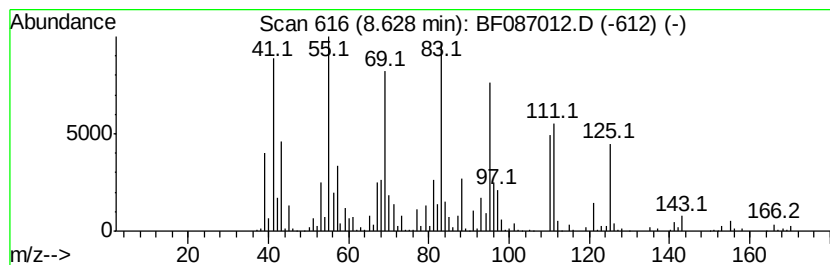
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	16.32 ng	1396720	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	25
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	22
3		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	22
4		Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	22
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
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Sample : H2947-10
Misc :
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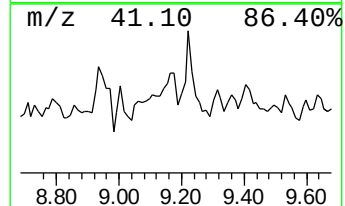
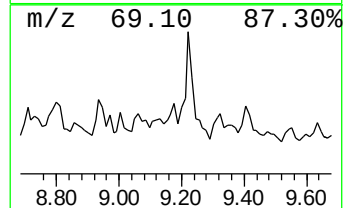
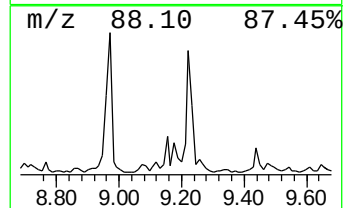
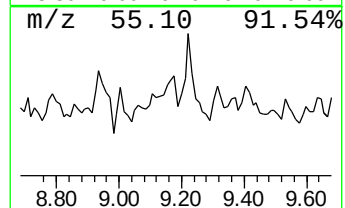
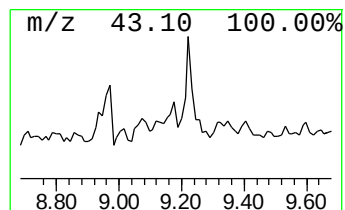
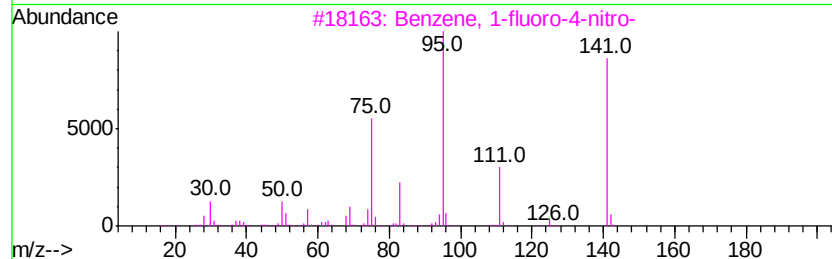
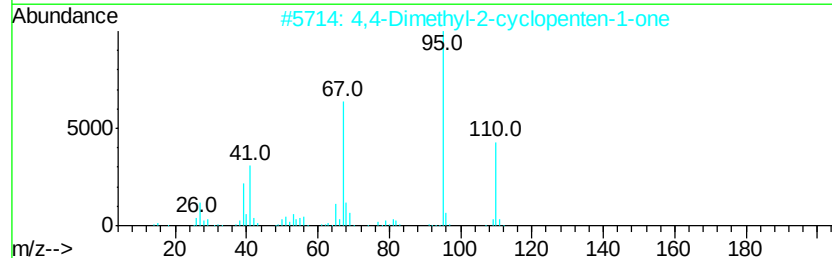
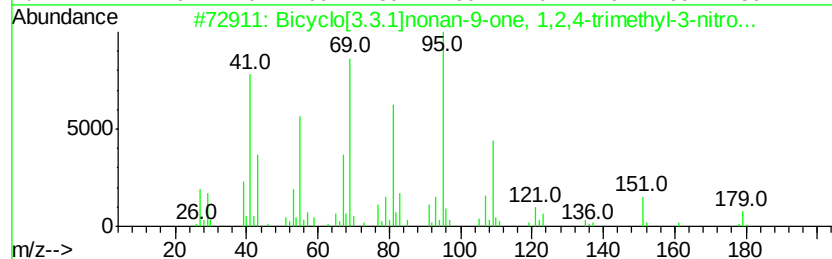
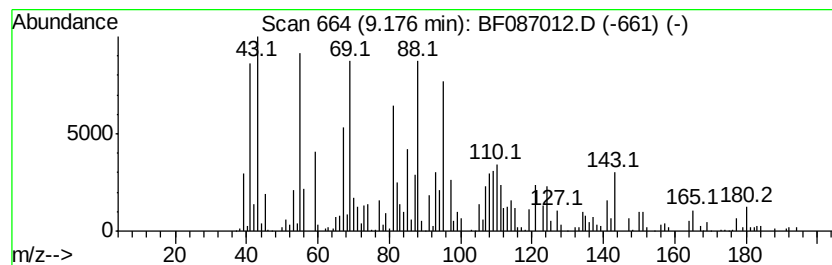
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.18 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	9.40 ng	904952	Acenaphthene-d10	9.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225 C12H19NO3	129967-65-3 27
2		4,4-Dimethyl-2-cyclopenten-1-one	110 C7H10O	022748-16-9 11
3		Benzene, 1-fluoro-4-nitro-	141 C6H4FN02	000350-46-9 11
4		2-Pentenoic acid, 2-methyl-	114 C6H10O2	003142-72-1 11
5		2,4-Hexadiene, 2,3-dimethyl-	110 C8H14	005678-98-8 11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
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Sample : H2947-10
Misc :
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Instrument :
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ClientSampleId :
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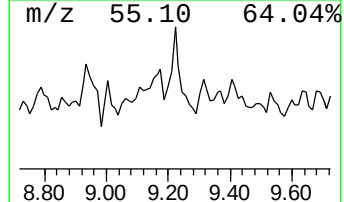
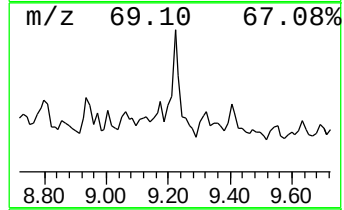
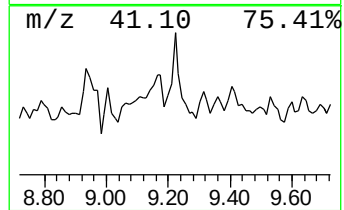
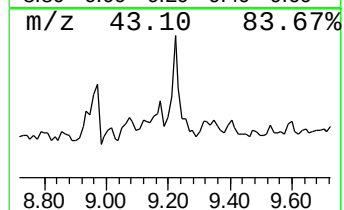
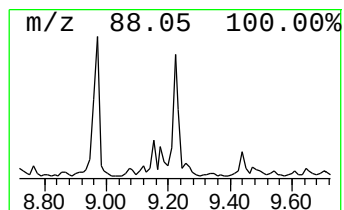
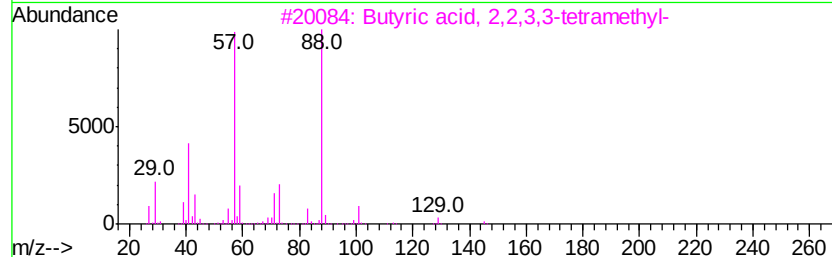
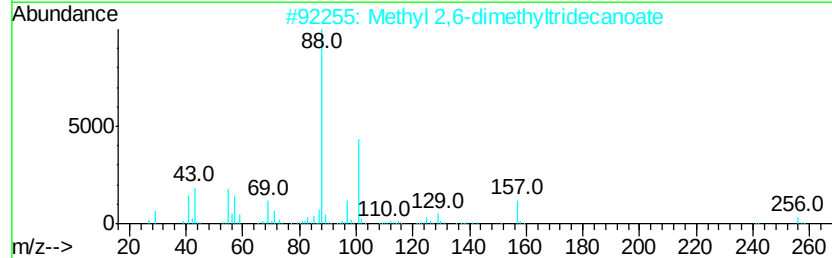
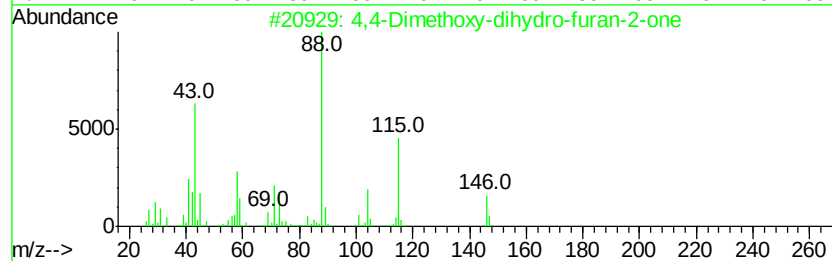
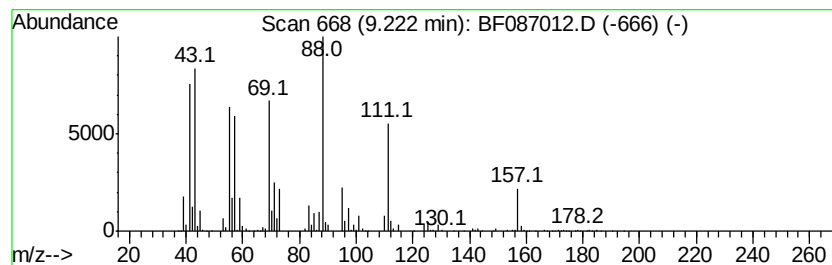
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	22.49 ng	2164360	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Dimethoxy-dihydro-furan-2-one	146	C6H10O4	1000187-47-7	43
2		Methyl 2,6-dimethyltridecanoate	256	C16H32O2	073105-76-7	38
3		Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	38
4		Nonanoic acid, 2,4,6-trimethyl-,...	214	C13H26O2	018450-81-2	38
5		Pentadecanoic acid, 2,6,10,14-te...	312	C20H40O2	001001-80-5	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087012.D
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ClientSampleId :
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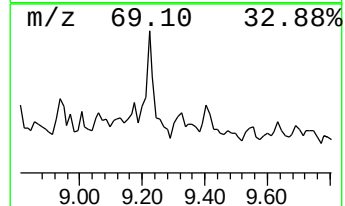
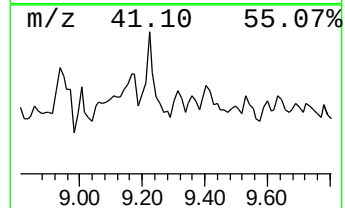
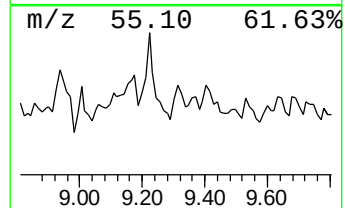
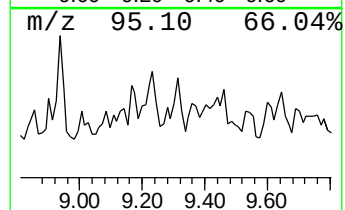
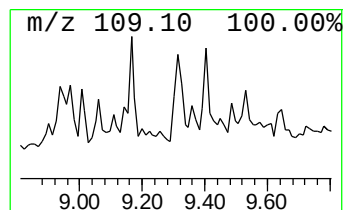
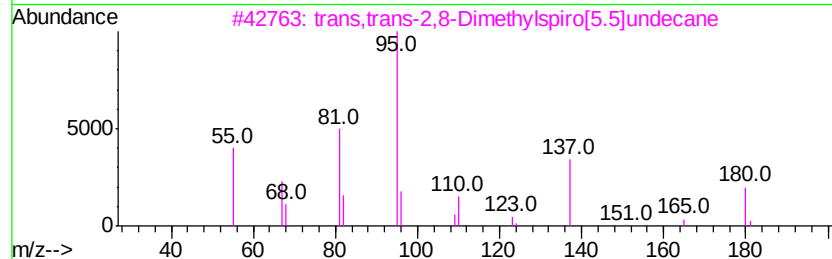
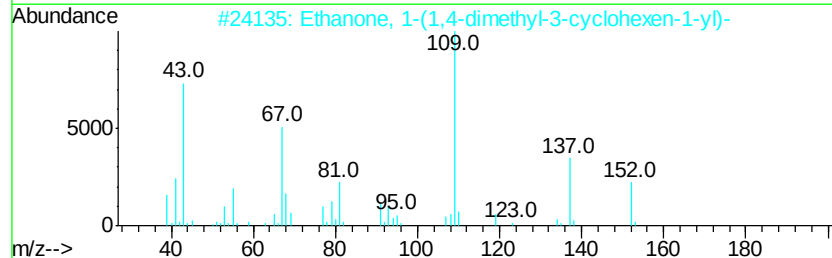
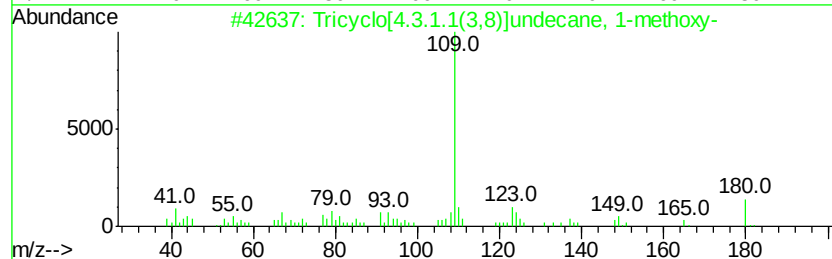
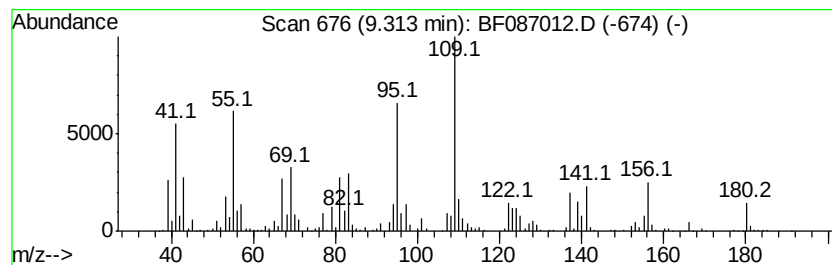
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.31 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	8.73 ng	839919	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	43
2		Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	38
3		trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	35
4		1H-2-Benzothiopyran, octahydro-,...	156	C9H16S	054340-74-8	30
5		Carbonochloridothioic acid, S-ph...	172	C7H5ClOS	013464-19-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
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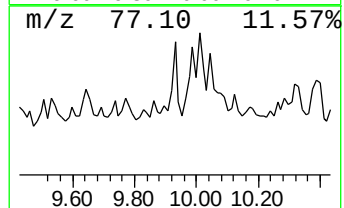
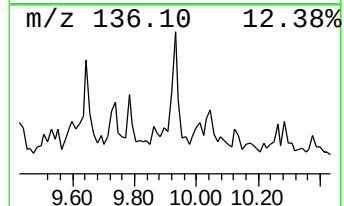
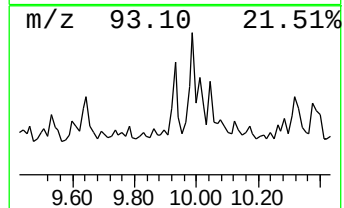
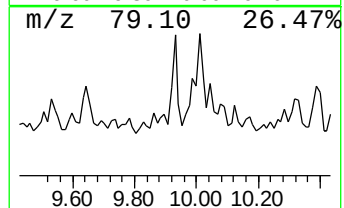
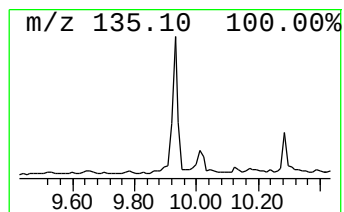
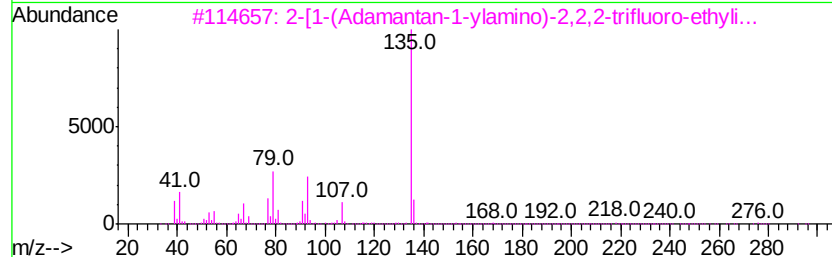
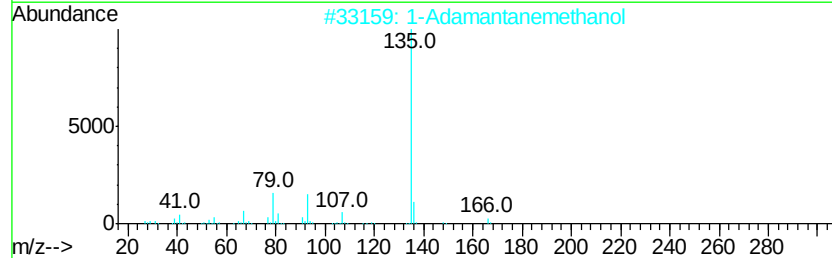
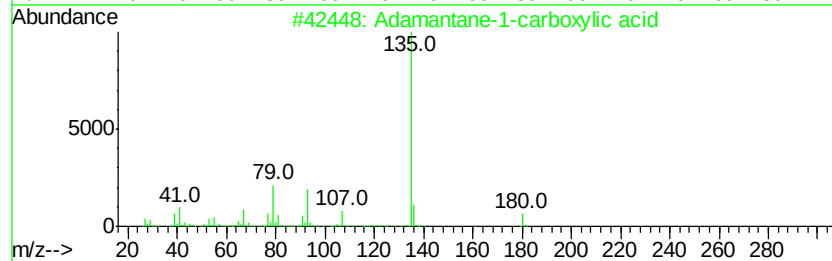
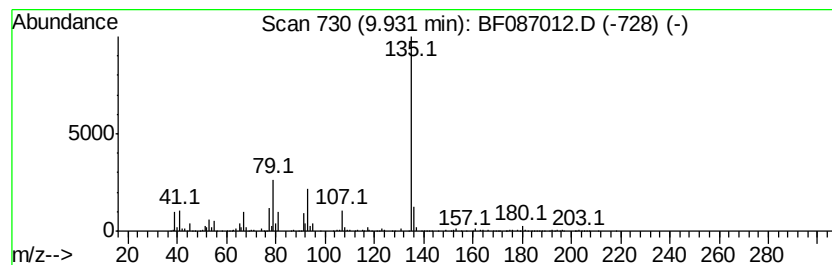
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Adamantane-1-carboxylic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.93	7.98 ng	768115	Acenaphthene-d10	9.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	95
2		1-Adamantanemethanol	166	C11H18O	000770-71-8	91
3		2-[1-(Adamantan-1-ylamino)-2,2,2...	295	C15H16F3N3	1000275-90-9	91
4		Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	91
5		4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

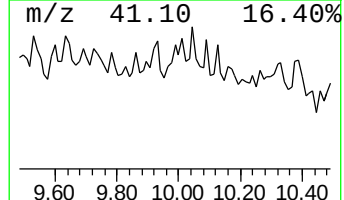
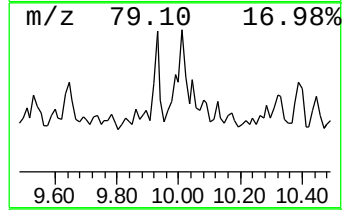
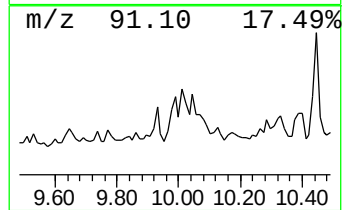
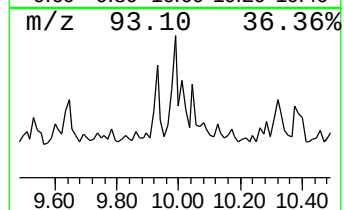
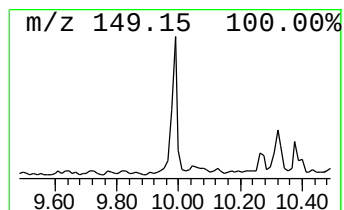
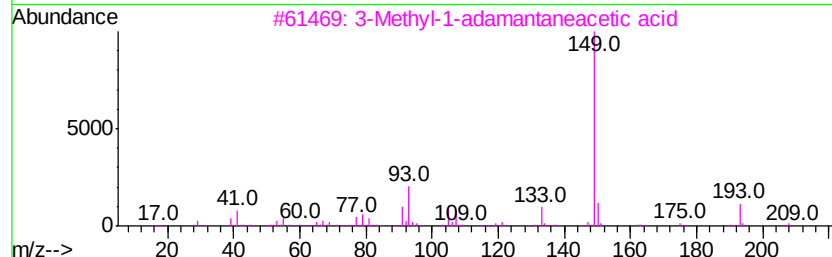
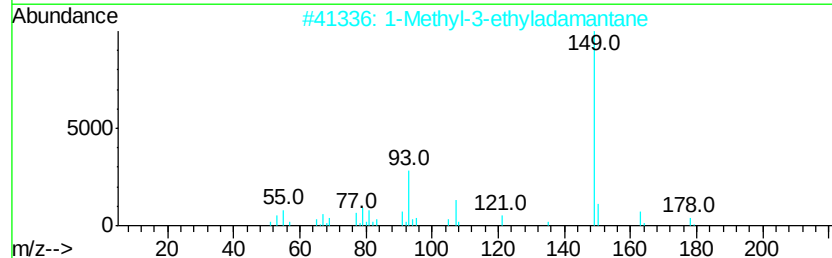
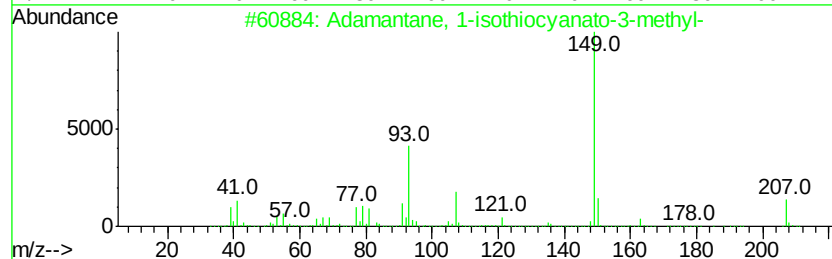
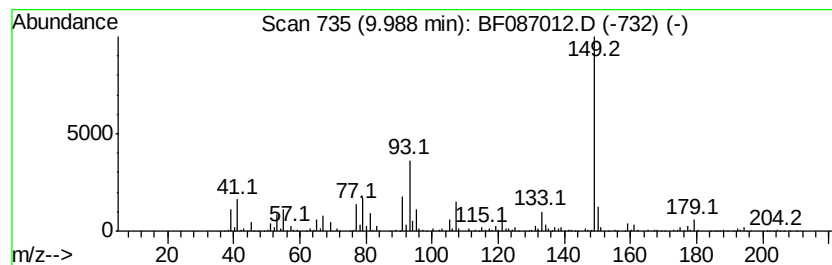
Instrument :
BNA_F
ClientSampleId :
MW-30

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Adamantane, 1-isothiocyanat... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.99	10.82 ng	1040980	Acenaphthene-d10	9.64		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	64	
2	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	64	
3	3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	59	
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	53	
5	6-Methyl-7-hydroxy-8-adamantylme...	332	C18H24N2O2S	1000227-00-3	53	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

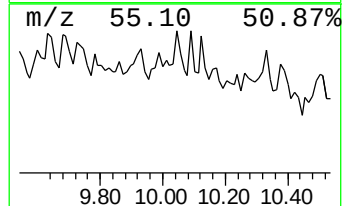
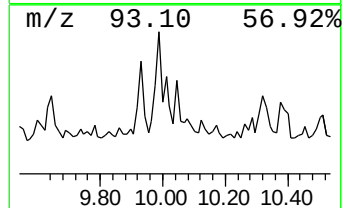
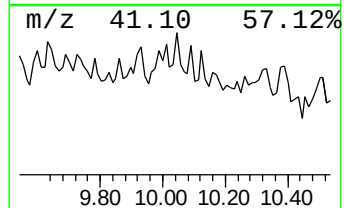
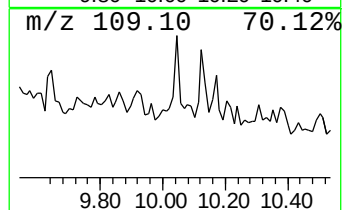
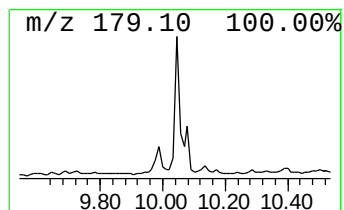
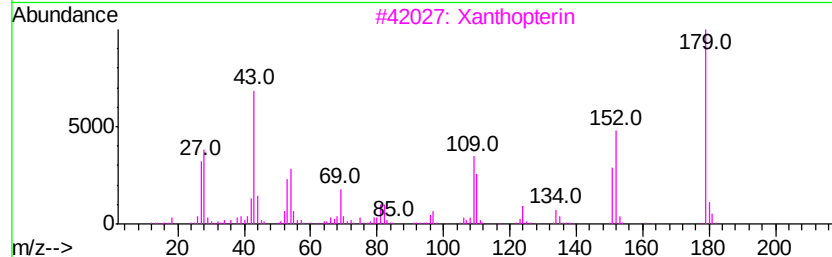
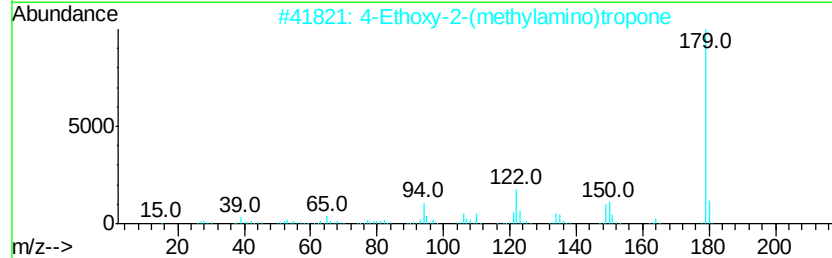
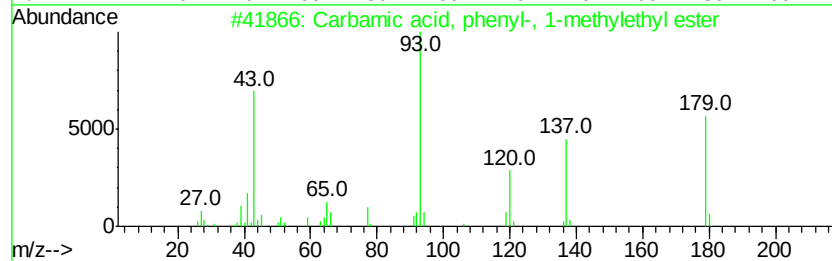
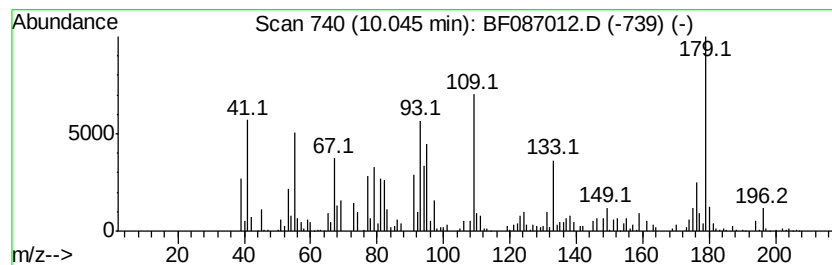
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ClientSampleId :
MW-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.04	11.15 ng	1073100	Acenaphthene-d10	9.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, phenyl-, 1-methyl...	179	C10H13NO2	000122-42-9	35
2	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	30
3	Xanthopterin	179	C6H5N5O2	005979-01-1	22
4	6H-Purin-6-one, 2-(dimethylamino...	179	C7H9N5O	001445-15-4	18
5	Phenanthridine	179	C13H9N	000229-87-8	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

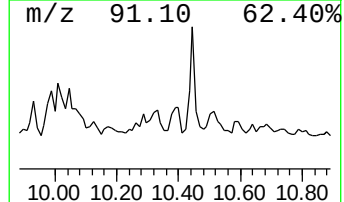
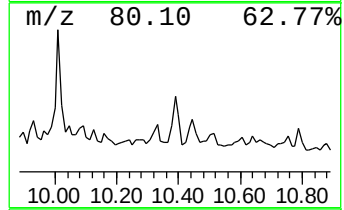
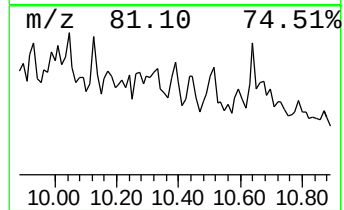
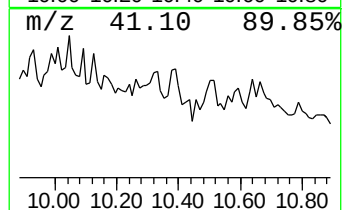
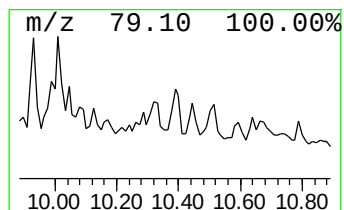
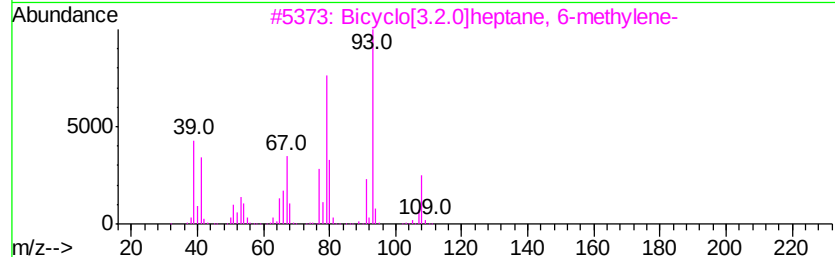
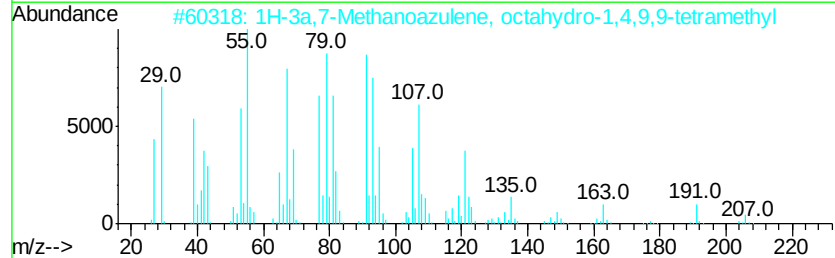
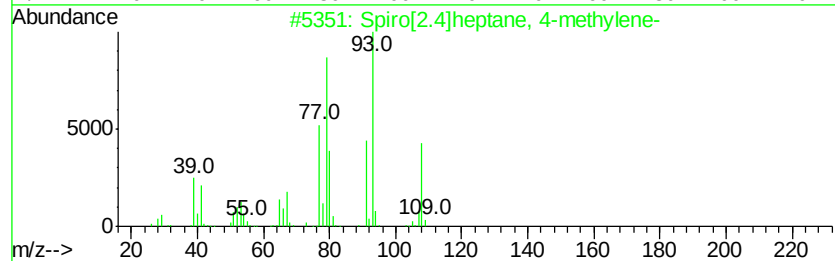
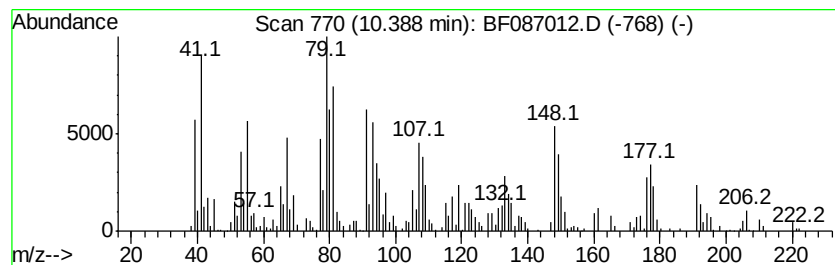
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.39	8.73 ng	840004	Acenaphthene-d10	9.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]heptane, 4-methylene-	108	C8H12	024308-54-1	49
2	1H-3a,7-Methanoazulene, octahydr...	206	C15H26	025491-20-7	38
3	Bicvclo[3.2.0]heptane, 6-methylene-	108	C8H12	003642-22-6	35
4	1,3-Cvclooctadiene, (Z,Z)-	108	C8H12	003806-59-5	35
5	5-Tetradecen-3-yne, (E)-	192	C14H24	074744-48-2	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

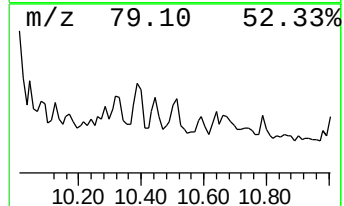
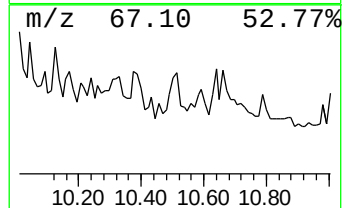
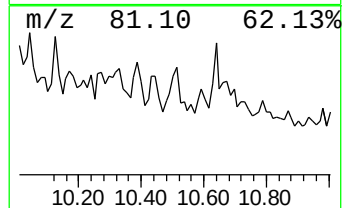
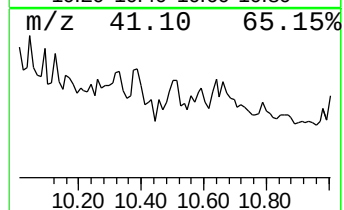
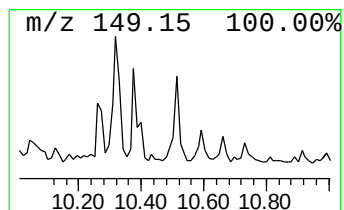
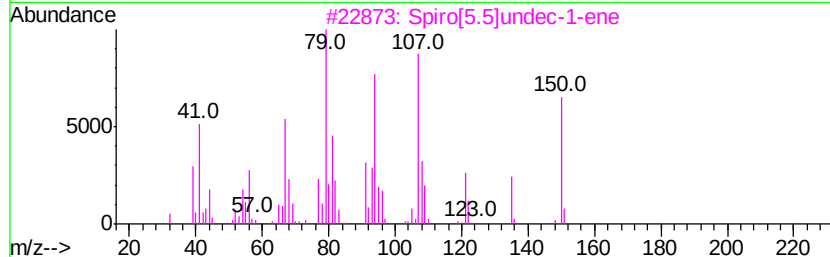
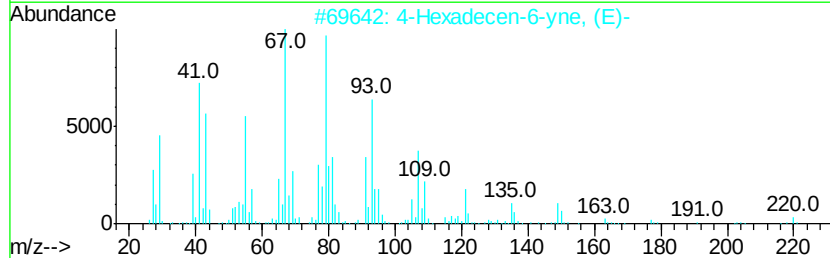
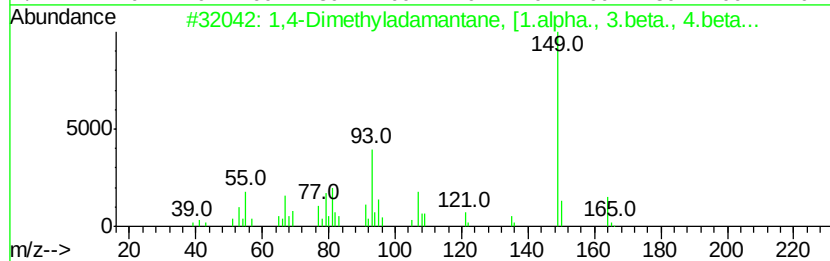
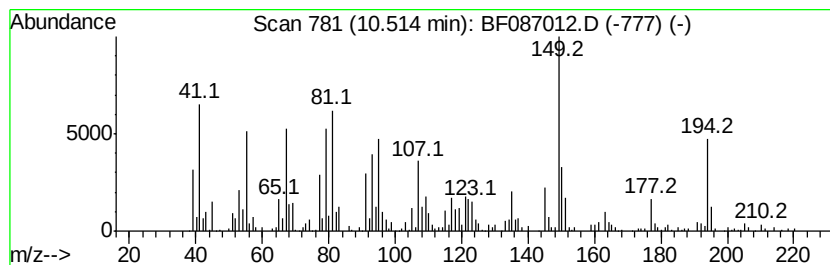
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.51 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	15.01 ng	933576	Phenanthrene-d10	11.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,4-Dimethyladamantane, [1.alpha...	164 C12H20	024145-88-8 35
2		4-Hexadecen-6-yne, (E)-	220 C16H28	074744-51-7 27
3		Spiro[5.5]undec-1-ene	150 C11H18	000699-56-9 25
4		Benzoic acid, 2-methoxy-6-methyl...	194 C11H14O3	006520-83-8 22
5		7-Propylidene-bicyclo[4.1.0]heptane	136 C10H16	082253-09-6 22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

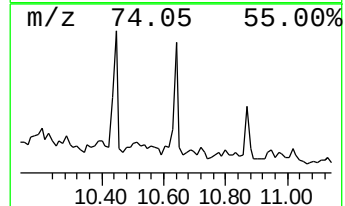
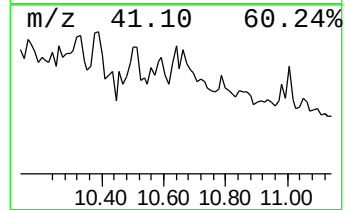
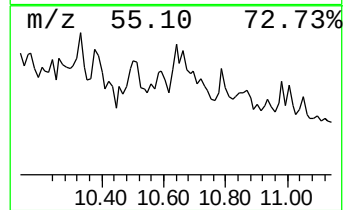
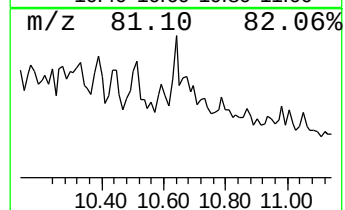
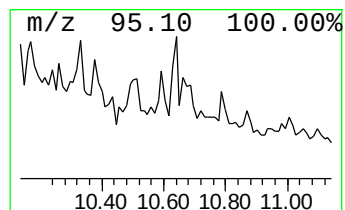
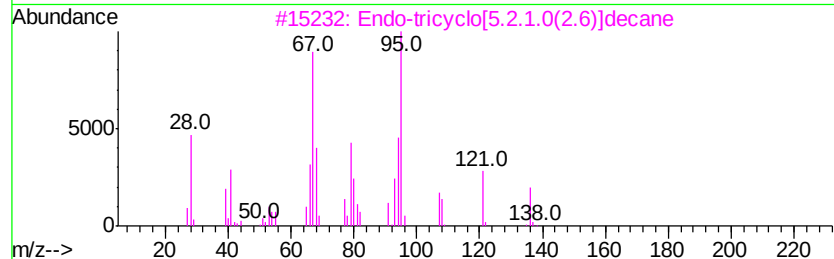
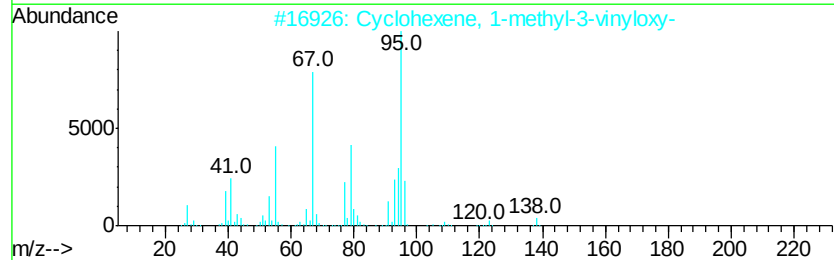
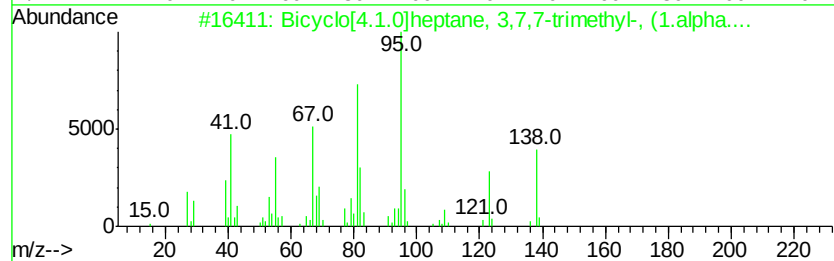
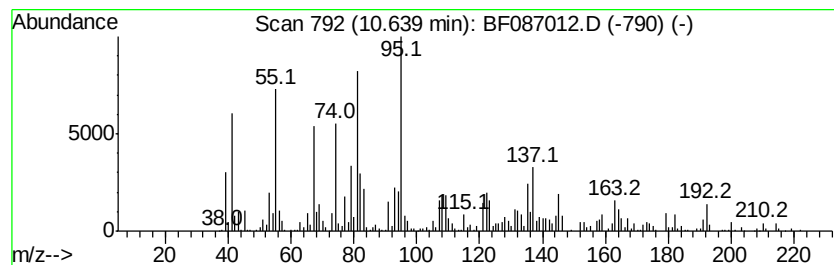
Instrument :
BNA_F
ClientSampleId :
MW-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.64 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.64	8.61 ng	535405	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	49
2	Cyclohexene, 1-methyl-3-vinyloxy-	138	C9H14O	100144-30-7	42
3	Endo-tricyclo[5.2.1.0(2.6)]decane	136	C10H16	1000215-28-8	30
4	2,11-Dodecadiene, 4-chloro-	200	C12H21Cl	1000155-54-5	30
5	2-Nonen-4-yn-1-ol, (Z)-	138	C9H14O	134225-90-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-30

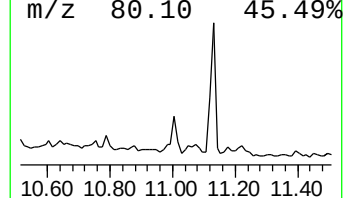
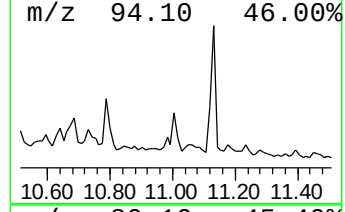
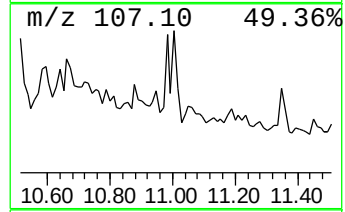
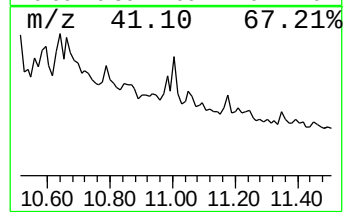
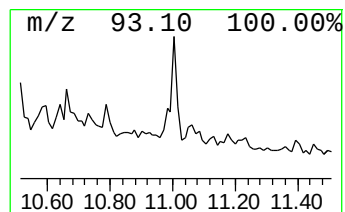
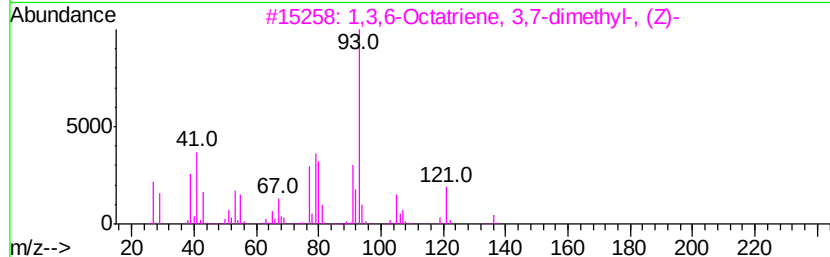
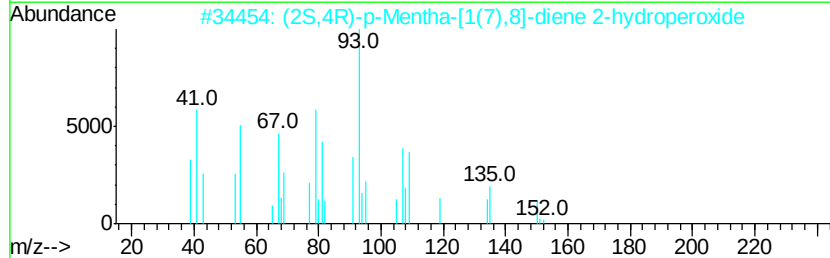
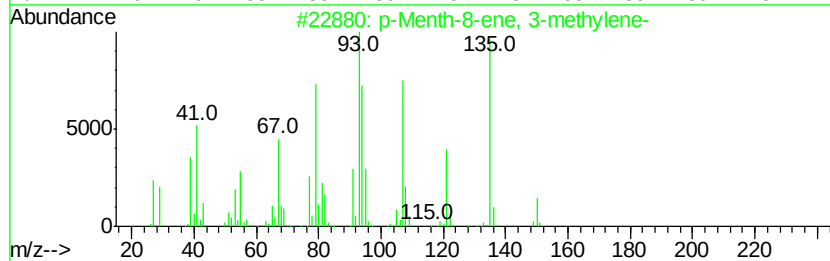
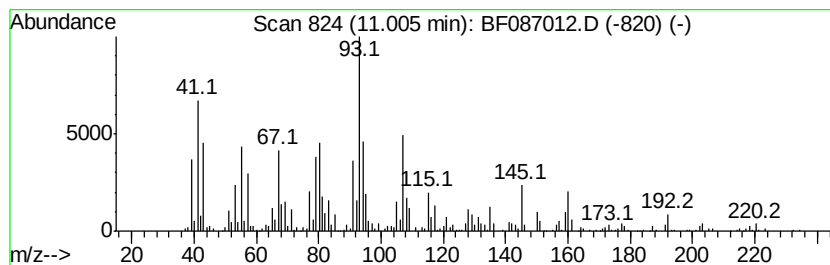
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	10.19 ng	633612	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Menth-8-ene, 3-methylene-	150	C11H18	1000151-25-7	43
2		(2S,4R)-p-Mentha-[1(7),8]-diene ...	168	C10H16O2	1000292-74-4	38
3		1,3,6-Octatriene, 3,7-dimethyl-, ...	136	C10H16	003338-55-4	38
4		Bicyclo[3.3.0]octan-3-one, 7-eth...	150	C10H14O	1000163-34-3	35
5		Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
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Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

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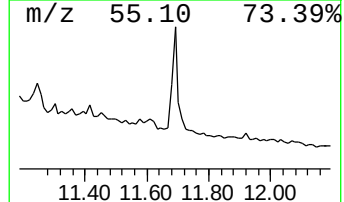
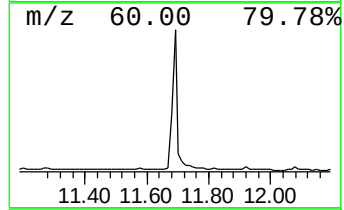
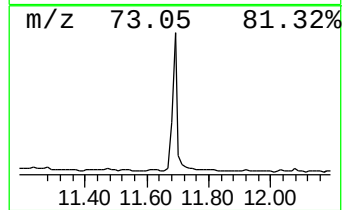
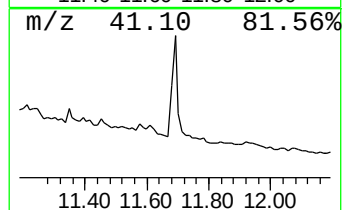
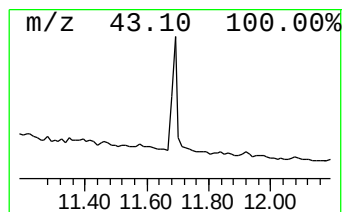
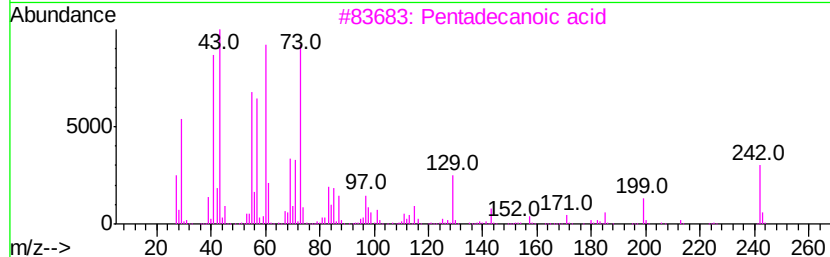
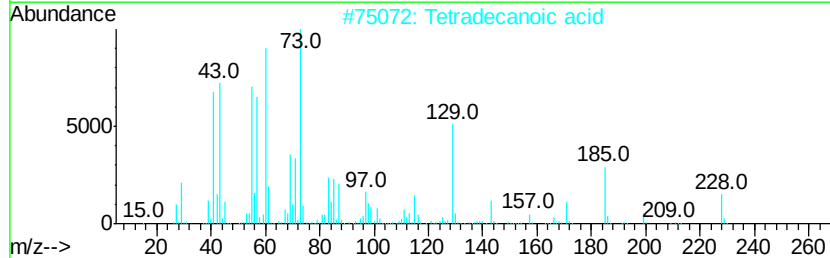
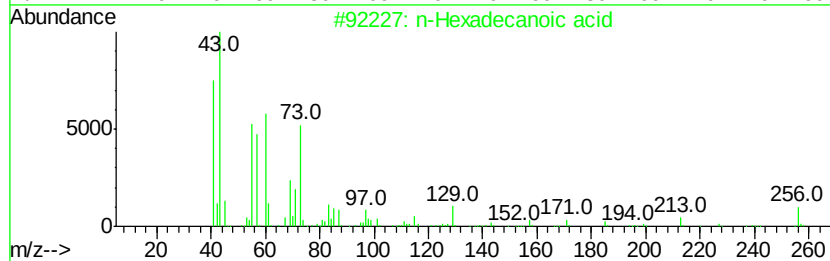
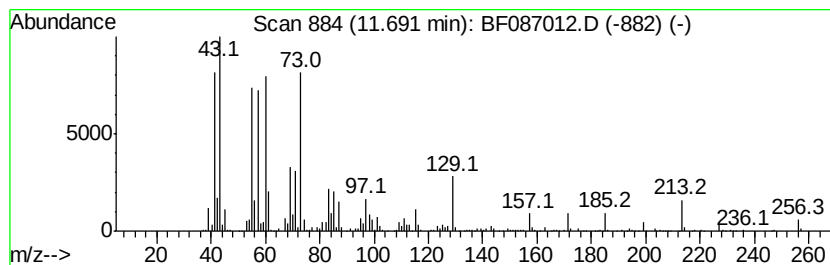
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	11.89 ng	739635	Phenanthrene-d10	11.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087012.D
Acq On : 14 May 2016 11:22
Operator : UM/SJ
Sample : H2947-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-30

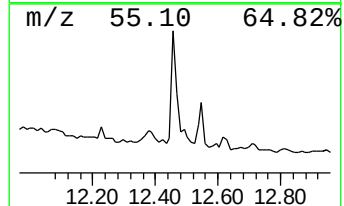
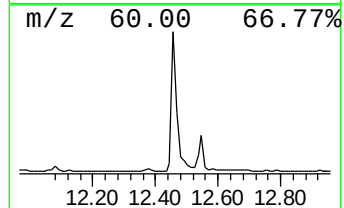
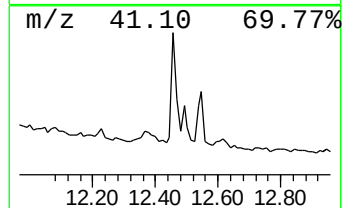
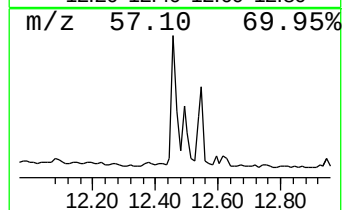
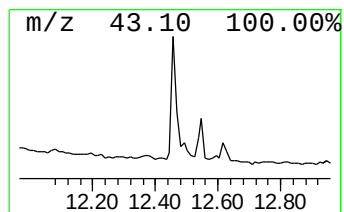
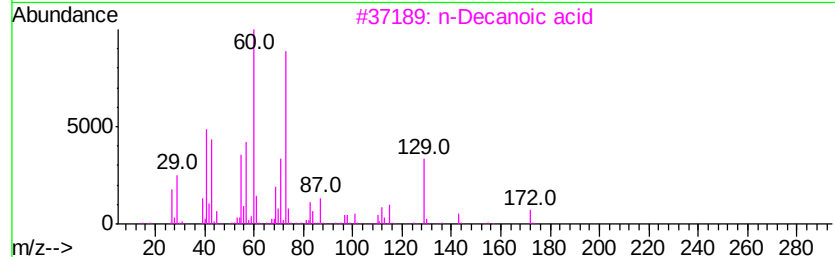
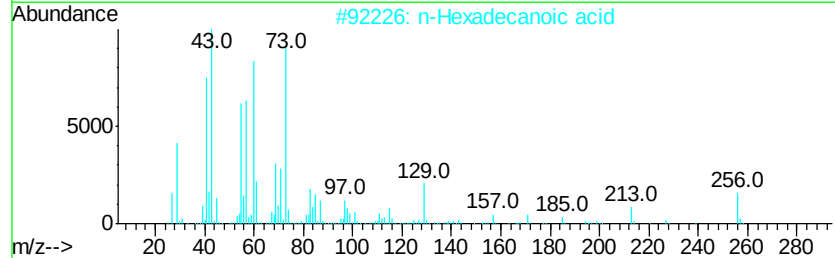
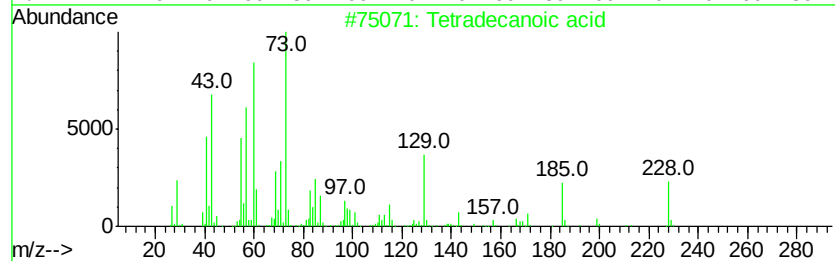
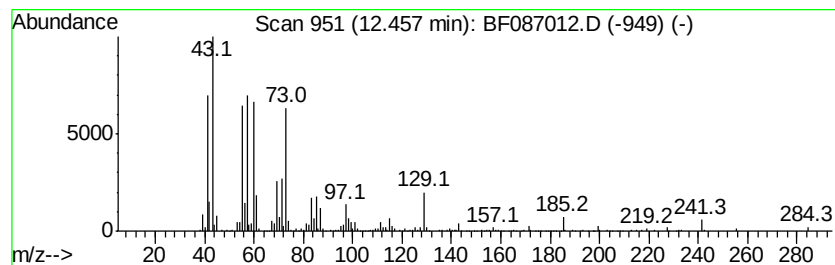
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.43 ng	439261	Chrysene-d12	13.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			n-Decanoic acid	172	C10H20O2	000334-48-5	81
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087012.D
 Acq On : 14 May 2016 11:22
 Operator : UM/SJ
 Sample : H2947-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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
unknown6.39	6.39	61.8	ng	3595760	1	6.62	1164470	20.0
unknown7.74	7.74	7.8	ng	669451	2	7.90	1711580	20.0
2-Pentenoic acid,...	8.09	9.3	ng	796953	2	7.90	1711580	20.0
Cyclohexane, 1-et...	8.22	13.3	ng	1133800	2	7.90	1711580	20.0
trans-Decalin, 2-...	8.38	30.2	ng	2585690	2	7.90	1711580	20.0
unknown8.63	8.63	16.3	ng	1396720	2	7.90	1711580	20.0
unknown9.18	9.18	9.4	ng	904952	3	9.64	1924470	20.0
unknown9.22	9.22	22.5	ng	2164360	3	9.64	1924470	20.0
unknown9.31	9.31	8.7	ng	839919	3	9.64	1924470	20.0
Adamantane-1-carb...	9.93	8.0	ng	768115	3	9.64	1924470	20.0
Adamantane, 1-iso...	9.99	10.8	ng	1040980	3	9.64	1924470	20.0
unknown10.04	10.04	11.2	ng	1073100	3	9.64	1924470	20.0
unknown10.39	10.39	8.7	ng	840004	3	9.64	1924470	20.0
unknown10.51	10.51	15.0	ng	933576	4	11.13	1243910	20.0
unknown10.64	10.64	8.6	ng	535405	4	11.13	1243910	20.0
unknown11.01	11.01	10.2	ng	633612	4	11.13	1243910	20.0
n-Hexadecanoic acid	11.69	11.9	ng	739635	4	11.13	1243910	20.0
Tetradecanoic acid	12.46	8.4	ng	439261	5	13.75	1042300	20.0