

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082145.D
 Acq On : 9 Oct 2015 15:02
 Operator : UM/IZ
 Sample : G3918-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-L

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-BF092815.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	5.028	250	253	263	rVB	465394	621325	8.65%	1.206%
2	5.440	287	289	292	rBV	951081	1243133	17.31%	2.412%
3	5.771	315	318	324	rBV2	239976	387816	5.40%	0.752%
4	6.480	378	380	383	rVV	846133	952035	13.26%	1.847%
5	6.571	383	388	389	rVV3	122602	377677	5.26%	0.733%
6	6.617	389	392	395	rVV	2405079	2603901	36.26%	5.052%
7	6.697	395	399	400	rVB	72755	97921	1.36%	0.190%
8	6.846	410	412	415	rBV	633693	647250	9.01%	1.256%
9	6.914	415	418	421	rVV	691894	649728	9.05%	1.261%
10	7.006	423	426	431	rVB	2528206	2656982	37.00%	5.155%
11	7.360	443	457	459	rBV	471423	2348846	32.71%	4.557%
12	7.429	459	463	465	rVV	1356367	2149599	29.94%	4.171%
13	7.577	471	476	477	rBV	74950	135067	1.88%	0.262%
14	7.806	493	496	500	rBV3	52938	142364	1.98%	0.276%
15	7.886	500	503	504	rBV3	216470	362232	5.04%	0.703%
16	7.954	504	509	512	rVB	357425	864731	12.04%	1.678%
17	8.046	515	517	520	rVB	81687	77329	1.08%	0.150%
18	8.137	520	525	526	rBV	910230	968537	13.49%	1.879%
19	8.297	537	539	541	rVB	115182	126879	1.77%	0.246%
20	8.423	547	550	552	rVB2	104021	126883	1.77%	0.246%
21	8.526	555	559	561	rVV	275388	444047	6.18%	0.862%
22	8.709	573	575	577	rBV	584012	708465	9.87%	1.375%
23	8.777	580	581	583	rVB	266488	221651	3.09%	0.430%
24	8.949	592	596	598	rBV2	161325	208714	2.91%	0.405%
25	9.086	605	608	609	rVV	161056	246701	3.44%	0.479%
26	9.109	609	610	613	rVV2	64079	94048	1.31%	0.182%
27	9.223	616	620	622	rVV	3622194	4184406	58.27%	8.119%
28	9.315	625	628	631	rBV3	82151	187234	2.61%	0.363%
29	9.360	631	632	635	rVB	355694	337408	4.70%	0.655%
30	9.440	635	639	641	rBV	300212	495756	6.90%	0.962%
31	9.486	641	643	644	rVV	114951	131294	1.83%	0.255%
32	9.555	647	649	652	rBV2	153194	250869	3.49%	0.487%
33	9.612	652	654	657	rVB2	76193	94363	1.31%	0.183%
34	9.703	660	662	665	rBV2	865163	874223	12.17%	1.696%

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35	9.760	665	667	669	rVB3	61279	79734	1.11%	0.155%
36	9.817	671	672	676	rBV3	54655	77369	1.08%	0.150%
37	9.898	676	679	683	rBV2	1457519	2407111	33.52%	4.670%
38	9.966	683	685	690	rVB	299822	679538	9.46%	1.318%
39	10.126	697	699	703	rVB3	241083	270187	3.76%	0.524%
40	10.183	703	704	705	rBV	71987	83660	1.17%	0.162%
41	10.218	705	707	711	rVB2	168347	201616	2.81%	0.391%
42	10.286	711	713	715	rBV3	58127	99016	1.38%	0.192%
43	10.320	715	716	718	rVB2	80851	85442	1.19%	0.166%
44	10.412	722	724	730	rBV	257202	373185	5.20%	0.724%
45	10.652	743	745	746	rBV2	67271	109474	1.52%	0.212%
46	10.686	746	748	751	rVV2	1549534	2298551	32.01%	4.460%
47	10.812	753	759	761	rBV3	117301	302008	4.21%	0.586%
48	10.869	762	764	765	rBV	79255	73823	1.03%	0.143%
49	10.903	765	767	768	rBV2	166117	232793	3.24%	0.452%
50	10.938	768	770	773	rVB2	119825	190255	2.65%	0.369%
51	10.995	773	775	778	rBV3	90047	180369	2.51%	0.350%
52	11.052	778	780	781	rBV2	64788	108950	1.52%	0.211%
53	11.155	788	789	792	rBV2	60354	95784	1.33%	0.186%
54	11.258	796	798	802	rVB3	183583	281325	3.92%	0.546%
55	11.383	807	809	813	rVV2	905740	1003874	13.98%	1.948%
56	11.498	817	819	823	rBV	338765	391595	5.45%	0.760%
57	11.921	854	856	859	rBV2	392163	467660	6.51%	0.907%
58	12.081	868	870	872	rBV	122976	137188	1.91%	0.266%
59	12.378	893	896	899	rBV3	159896	274062	3.82%	0.532%
60	12.469	902	904	909	rVV	67524	121949	1.70%	0.237%
61	12.629	914	918	922	rBV4	141758	423602	5.90%	0.822%
62	12.709	922	925	927	rBV	400960	469740	6.54%	0.911%
63	12.789	930	932	934	rBV	339901	326045	4.54%	0.633%
64	12.869	936	939	942	rVB	399745	625298	8.71%	1.213%
65	12.972	945	948	951	rBV	2196086	3315678	46.18%	6.433%
66	13.372	977	983	988	rBV	2957287	7180604	100.00%	13.932%
67	13.498	993	994	996	rVB	228427	220530	3.07%	0.428%
68	13.841	1022	1024	1031	rVB2	262386	547309	7.62%	1.062%
69	14.035	1036	1041	1043	rVB2	429657	976952	13.61%	1.896%
70	15.475	1164	1167	1176	rVB	451495	808784	11.26%	1.569%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

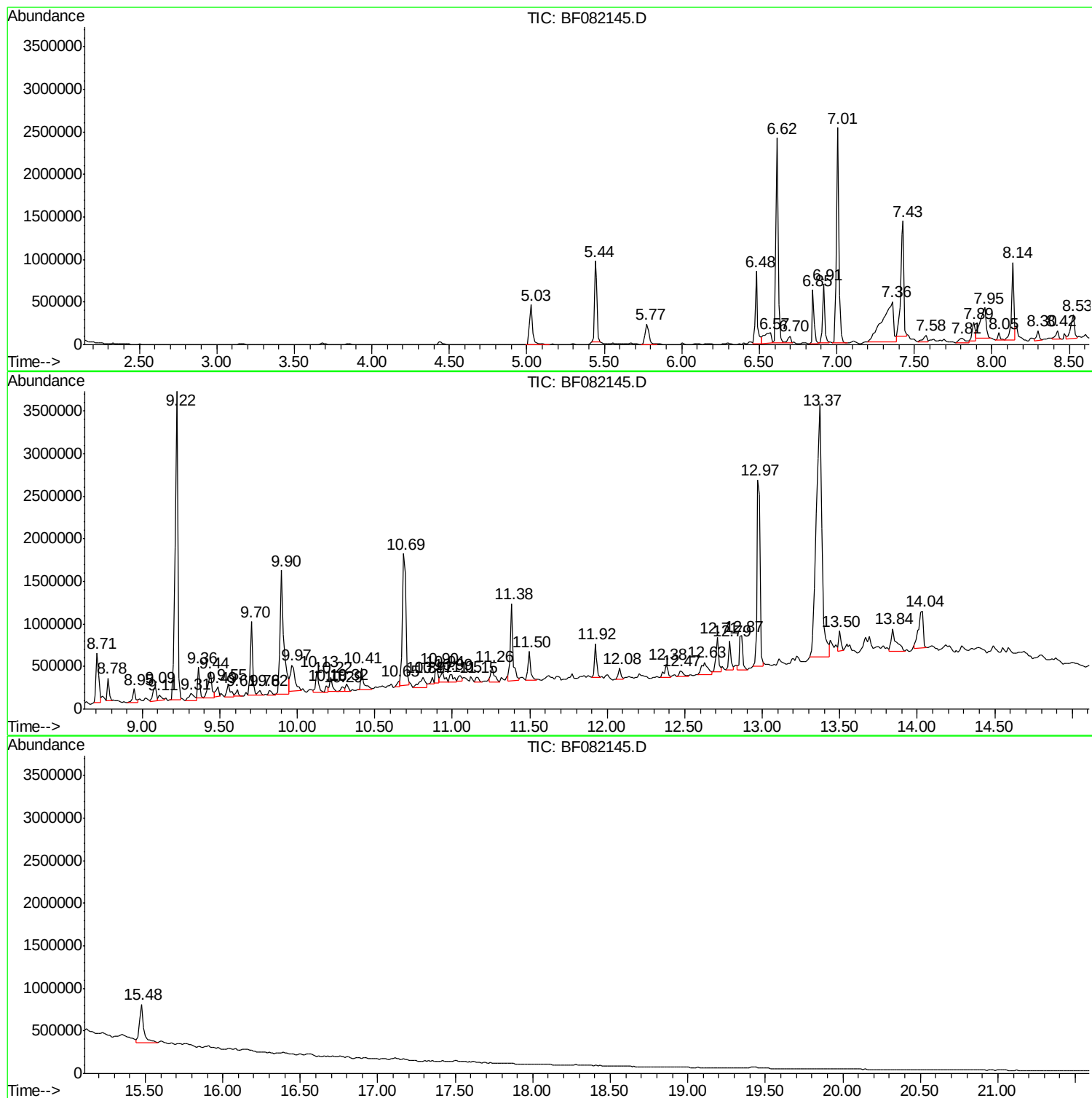
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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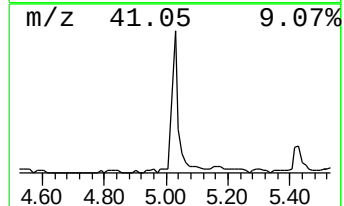
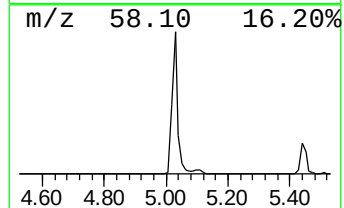
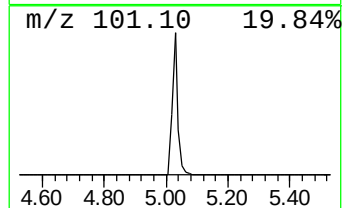
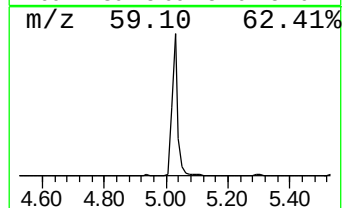
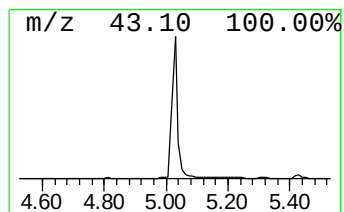
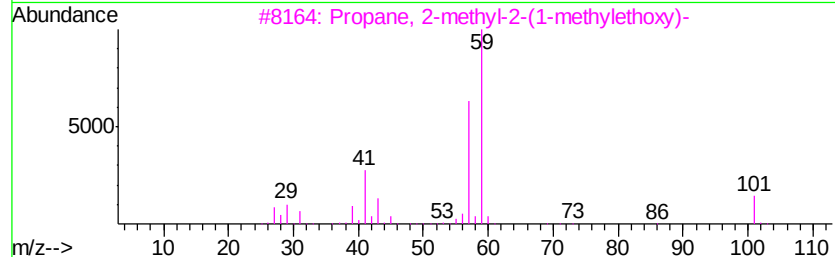
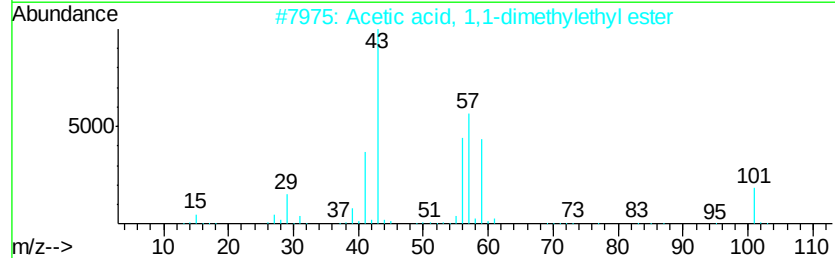
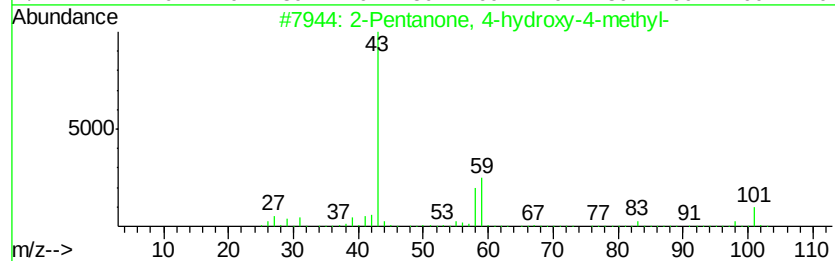
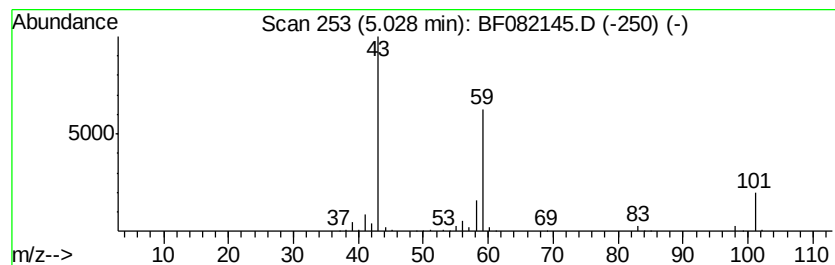
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	19.20 ng	621325	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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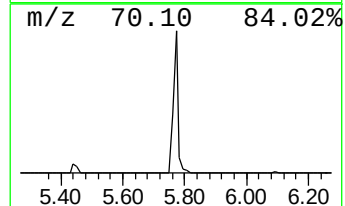
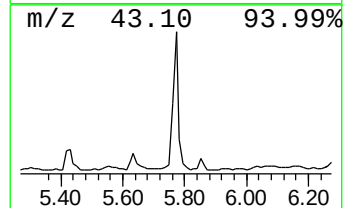
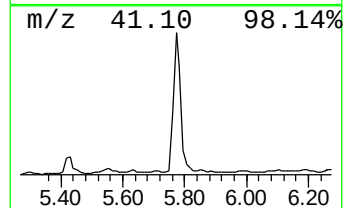
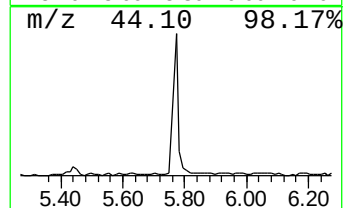
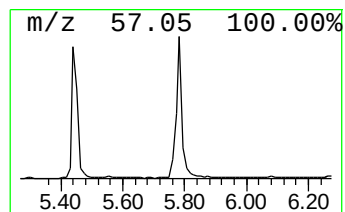
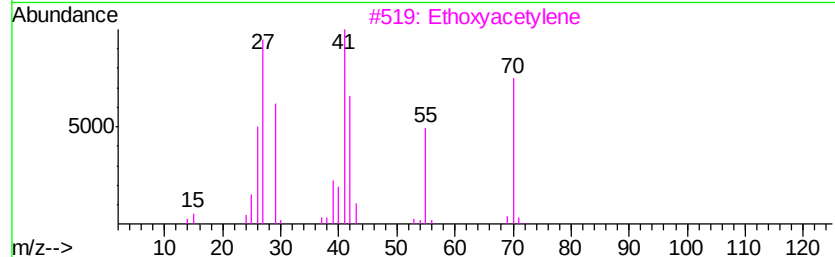
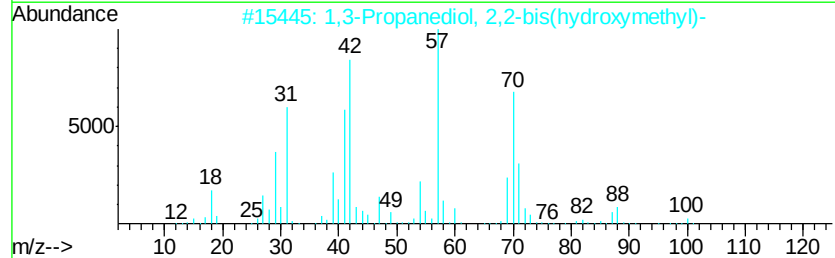
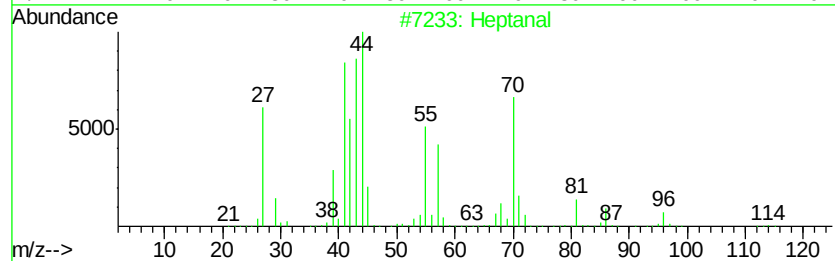
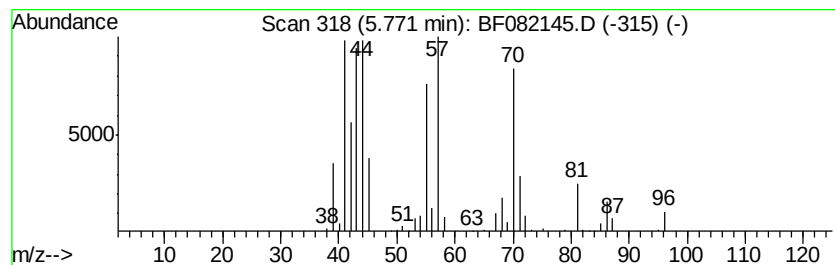
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Heptanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	11.98 ng	387816	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	80
2		1,3-Propanediol, 2,2-bis(hydroxy...	136	C5H12O4	000115-77-5	38
3		Ethoxyacetylene	70	C4H6O	000927-80-0	35
4		Vinyl Ether	70	C4H6O	000109-93-3	32
5		Pentane, 2-chloro-	106	C5H11Cl	000625-29-6	32



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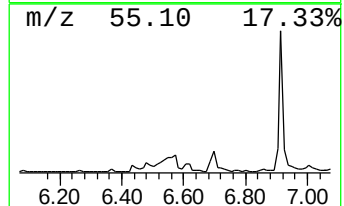
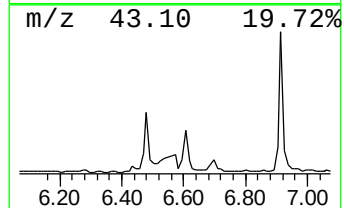
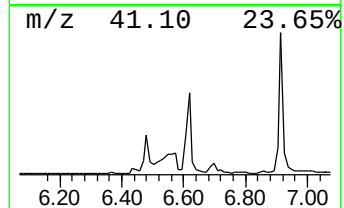
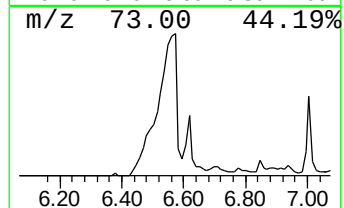
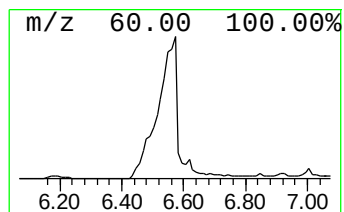
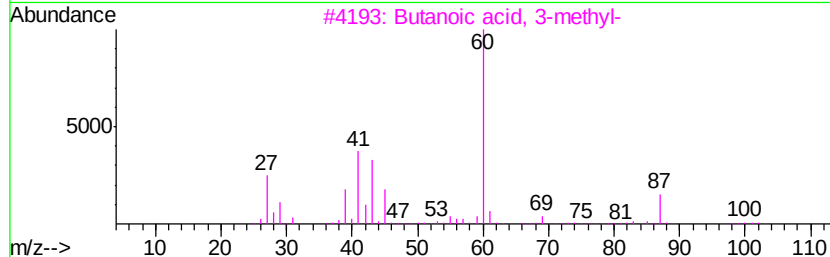
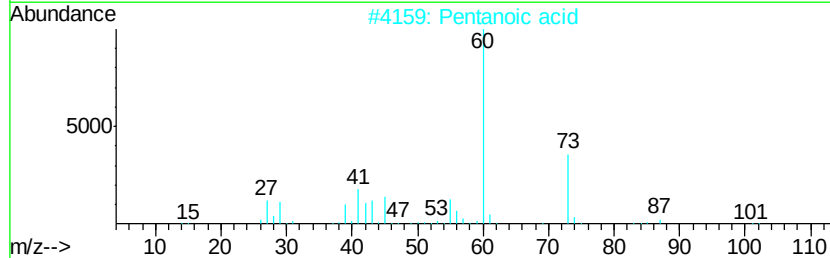
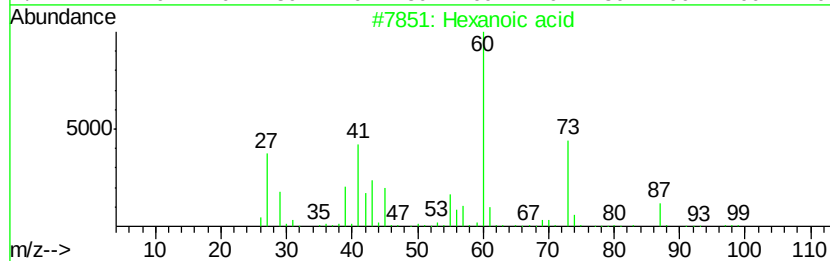
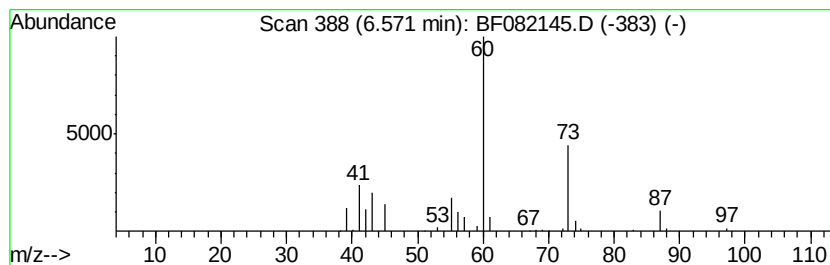
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Hexanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	11.67 ng	377677	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	83
2		Pentanoic acid	102	C5H10O2	000109-52-4	78
3		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
4		Butanoic acid	88	C4H8O2	000107-92-6	64
5		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45



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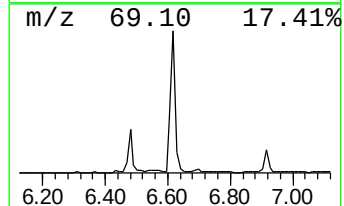
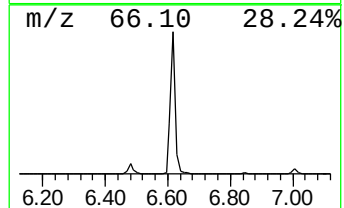
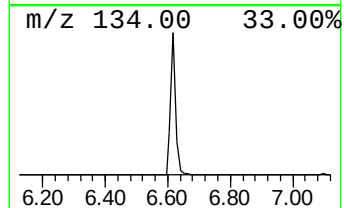
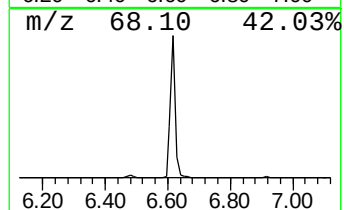
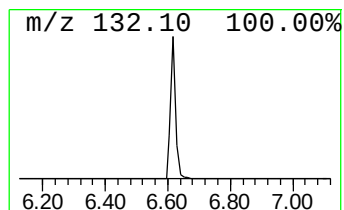
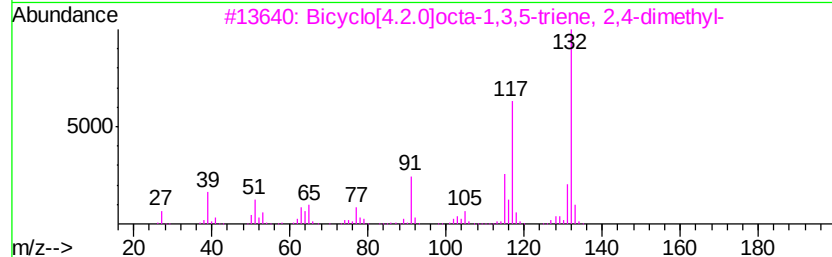
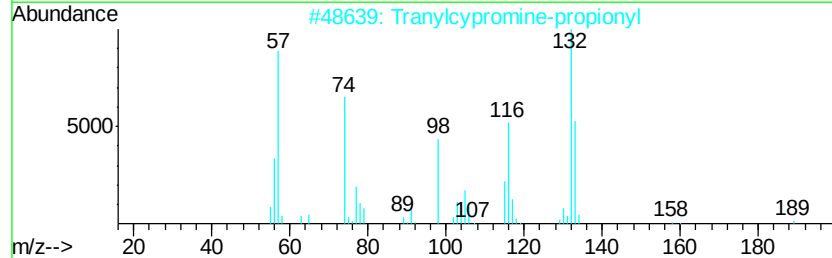
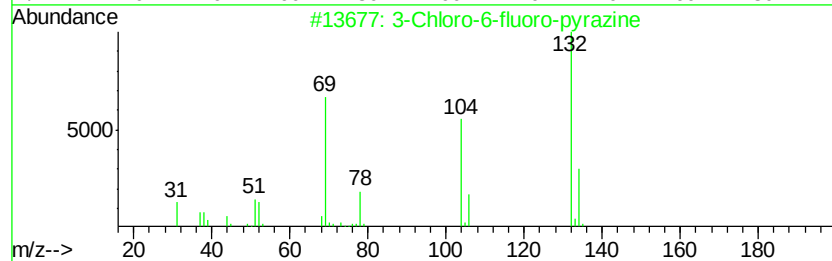
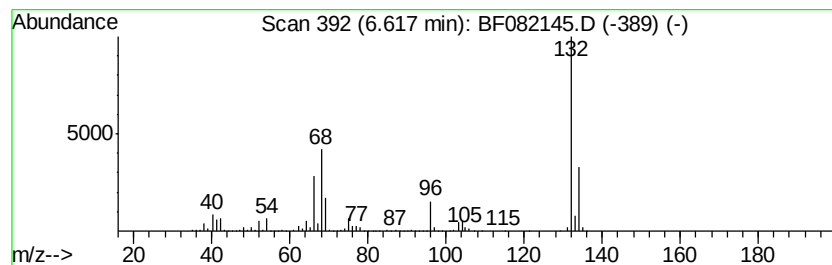
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	80.46 ng	2603900	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
Operator : UM/IZ
Sample : G3918-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC100215-L

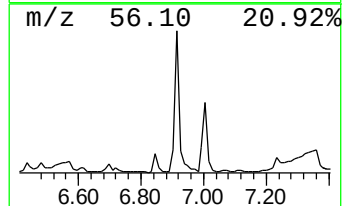
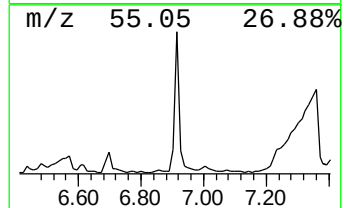
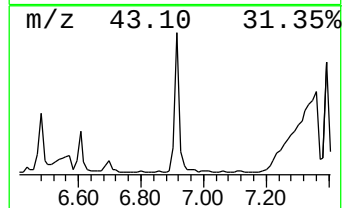
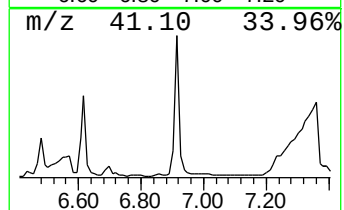
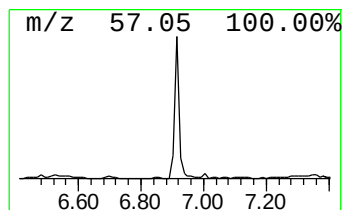
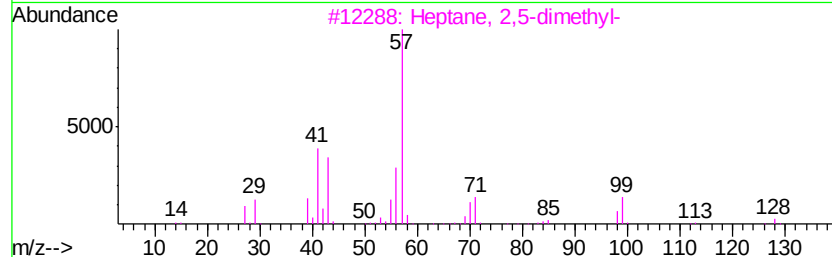
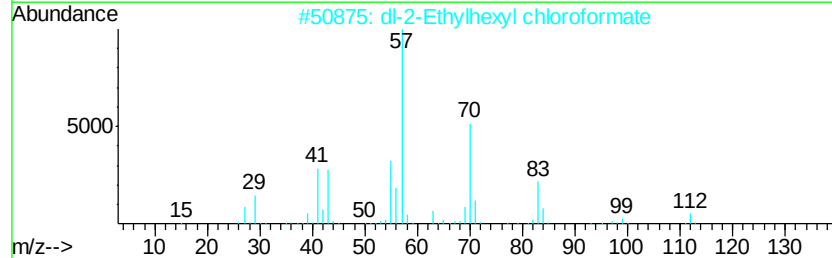
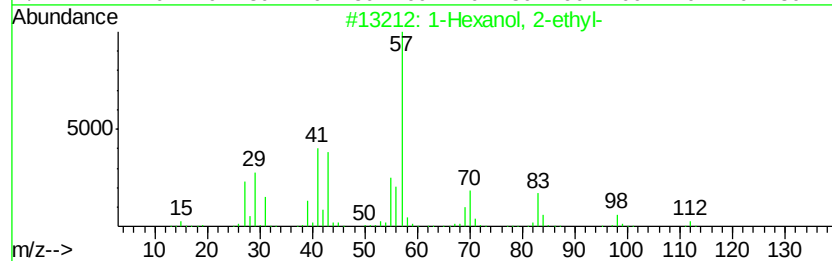
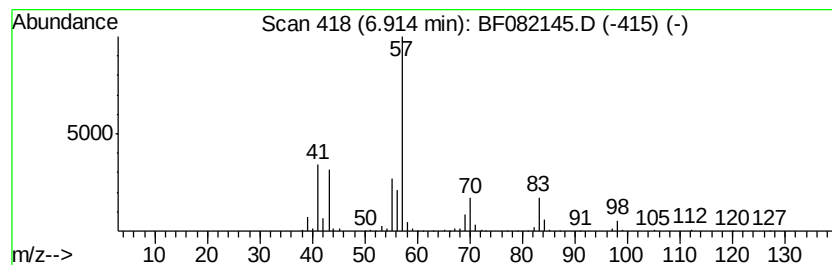
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	20.08 ng	649728	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	50
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	45
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	42
5		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
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Misc :
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ClientSampleId :
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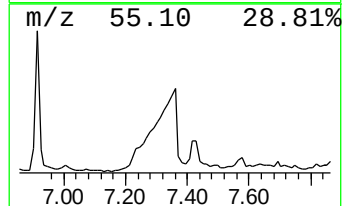
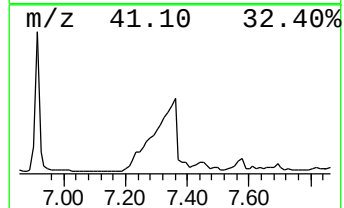
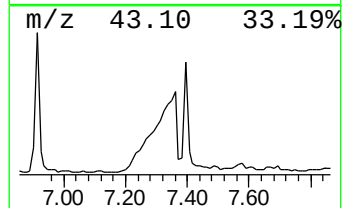
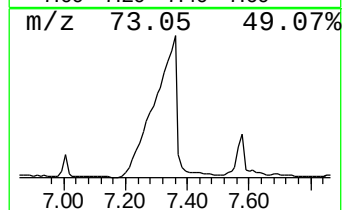
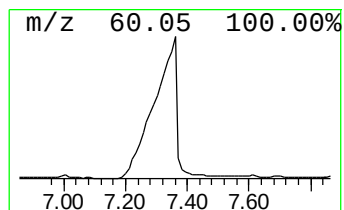
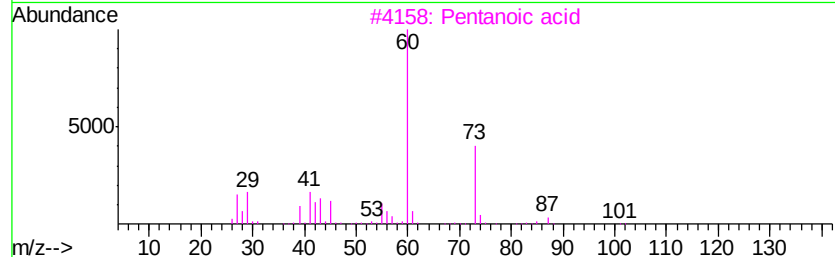
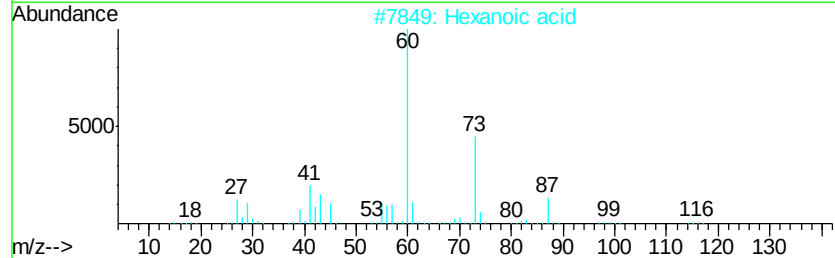
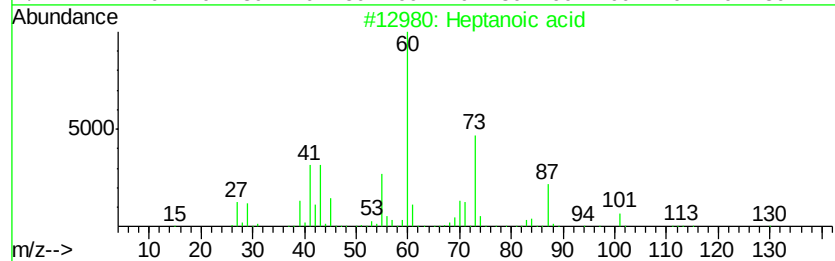
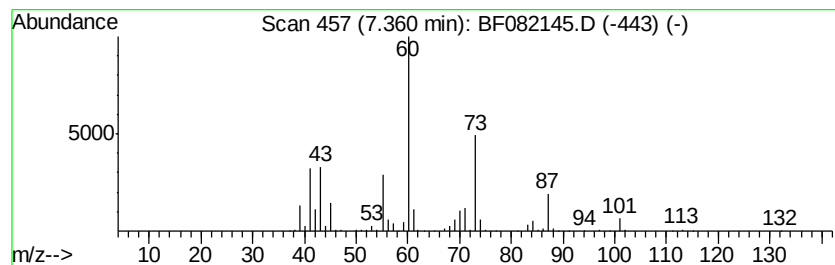
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	72.58 ng	2348850	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	91	
2	Hexanoic acid	116	C6H12O2	000142-62-1	64	
3	Pentanoic acid	102	C5H10O2	000109-52-4	58	
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	58	
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
Operator : UM/IZ
Sample : G3918-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

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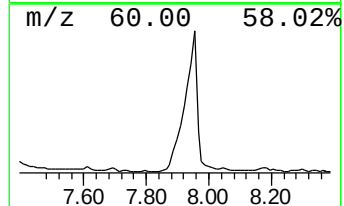
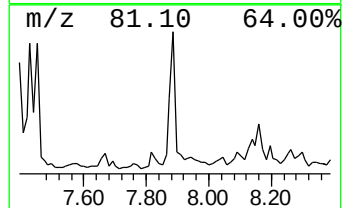
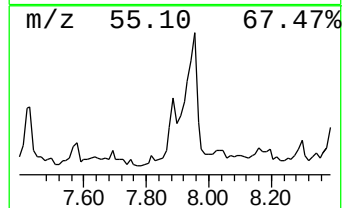
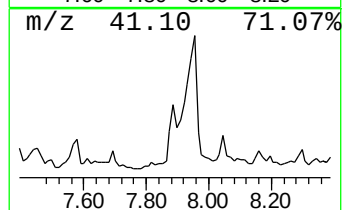
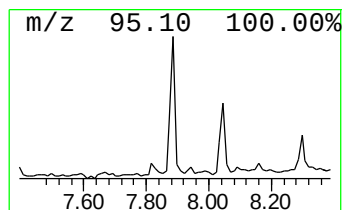
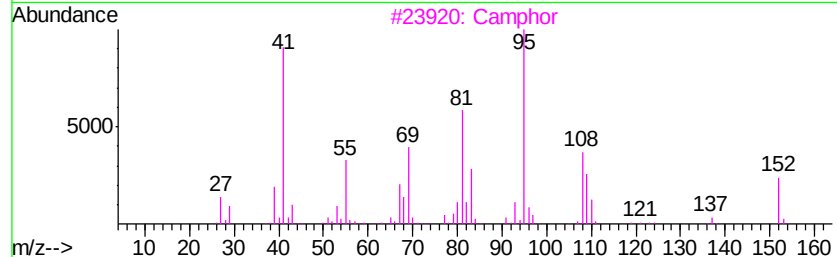
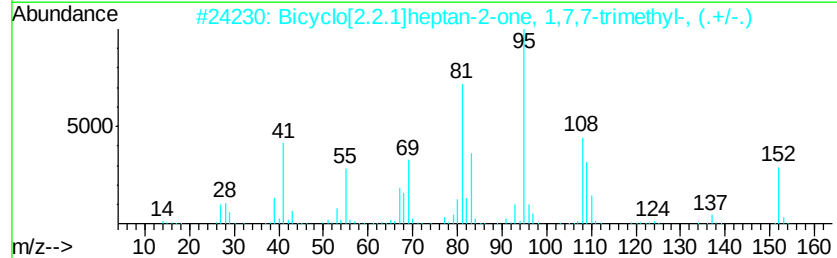
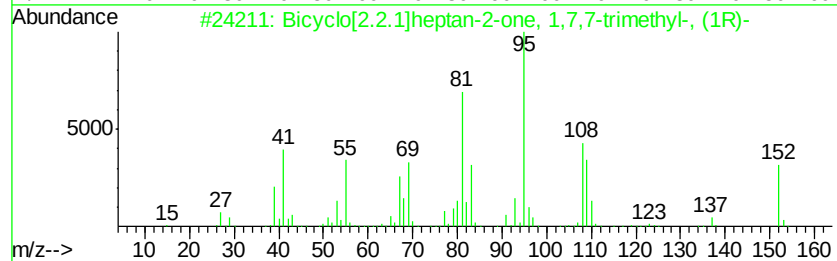
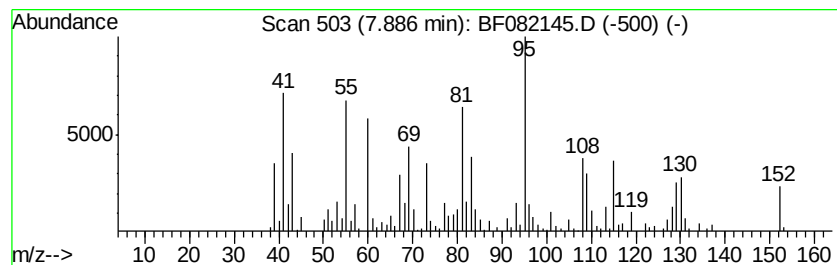
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	7.48 ng	362232	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	95
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	95
3		Camphor	152	C10H16O	000076-22-2	95
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
5		5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
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Misc :
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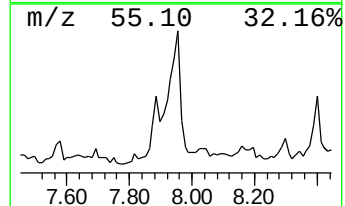
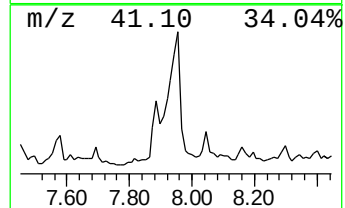
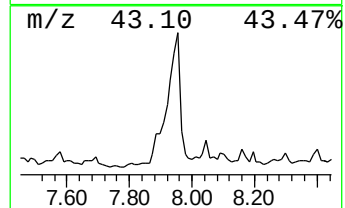
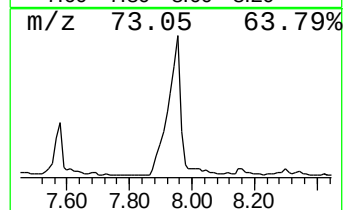
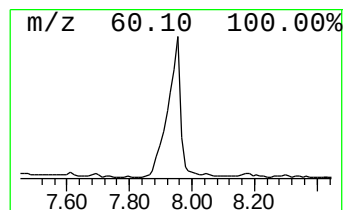
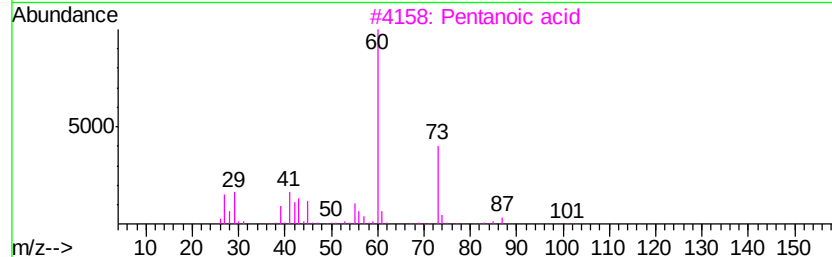
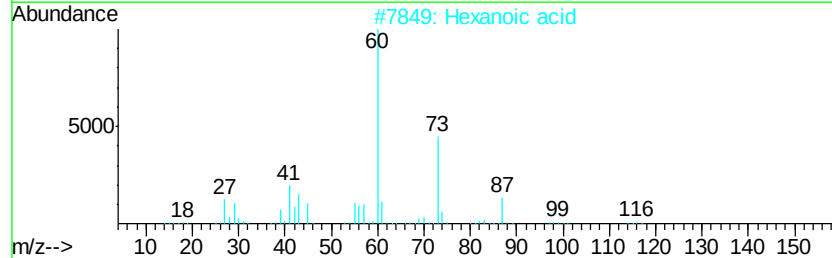
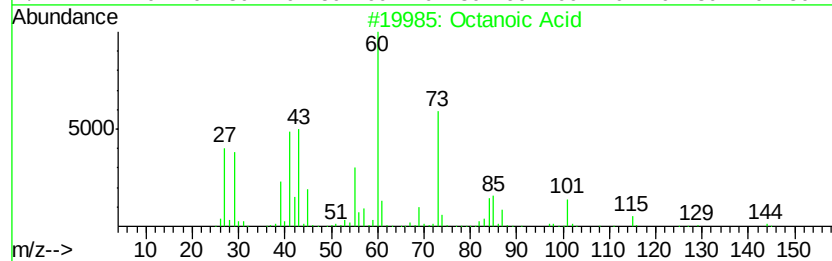
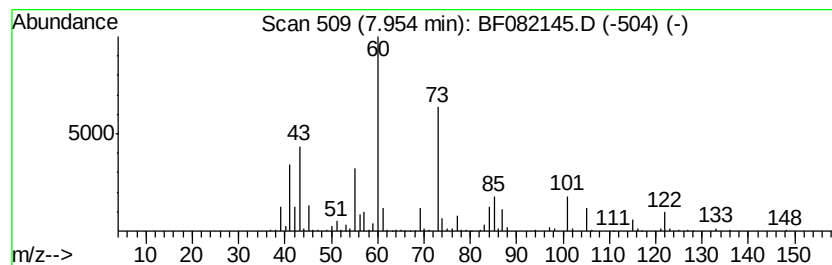
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octanoic Acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	17.86 ng	864731	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic Acid	144	C8H16O2	000124-07-2	72
2		Hexanoic acid	116	C6H12O2	000142-62-1	62
3		Pentanoic acid	102	C5H10O2	000109-52-4	50
4		Heptanoic acid	130	C7H14O2	000111-14-8	50
5		Butanoic acid	88	C4H8O2	000107-92-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
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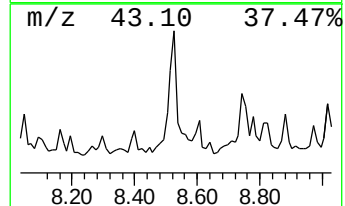
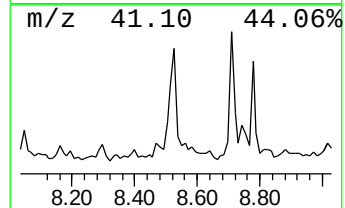
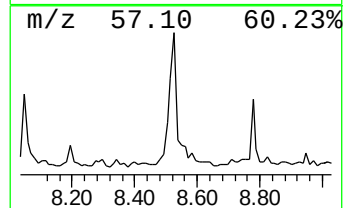
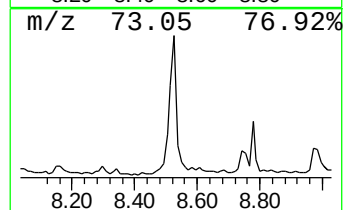
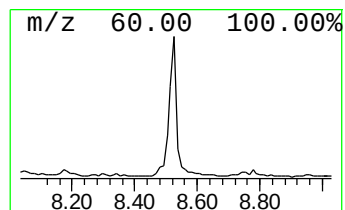
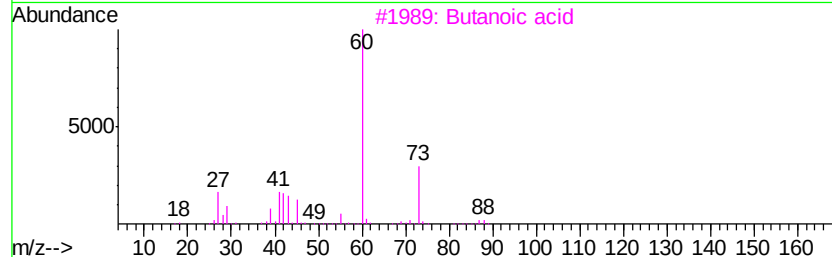
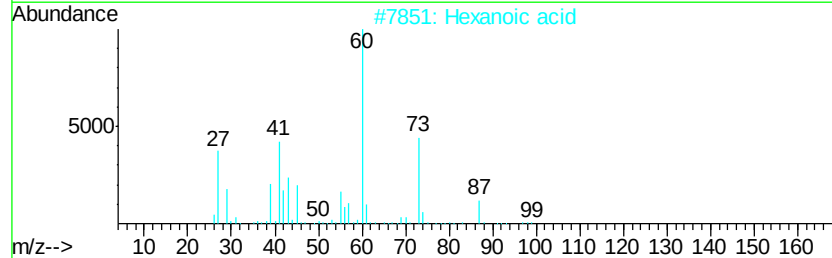
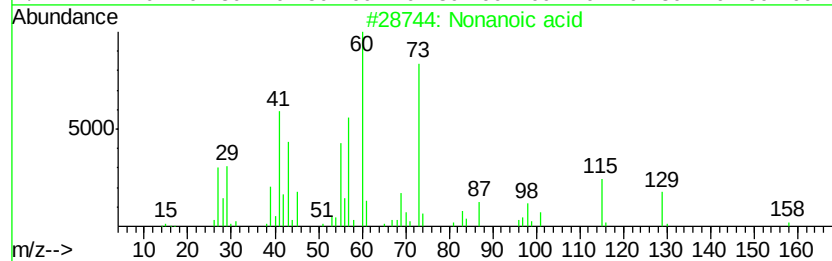
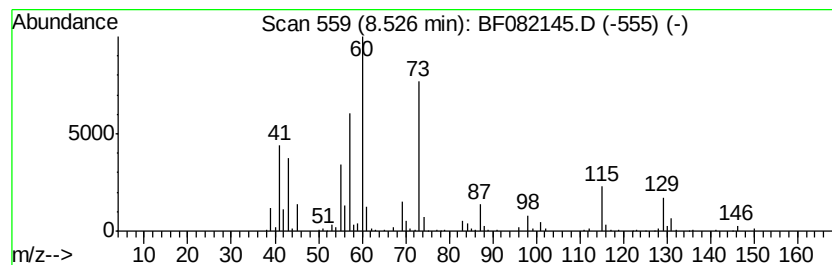
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	9.17 ng	444047	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	53
2		Hexanoic acid	116	C6H12O2	000142-62-1	50
3		Butanoic acid	88	C4H8O2	000107-92-6	47
4		Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	47
5		Heptanoic acid	130	C7H14O2	000111-14-8	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
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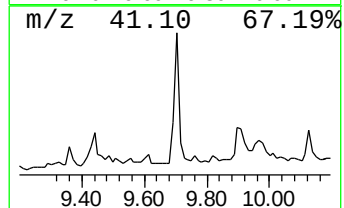
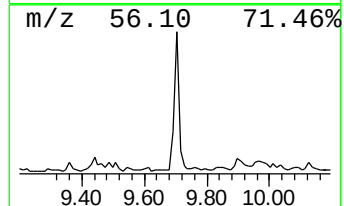
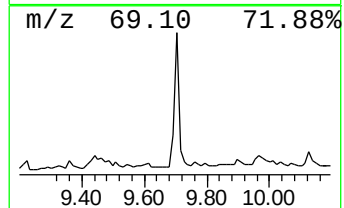
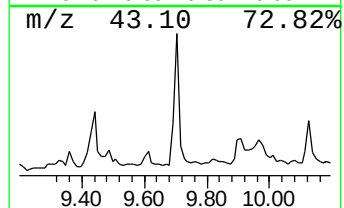
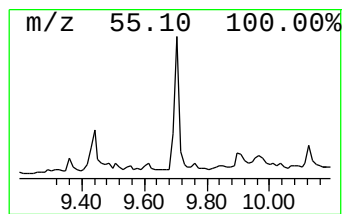
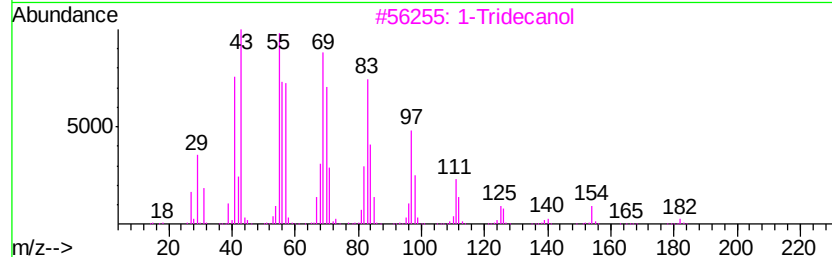
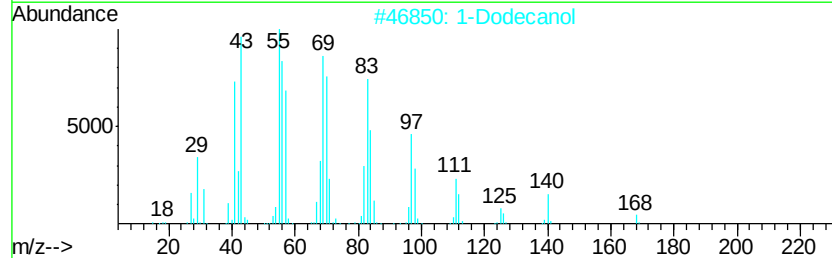
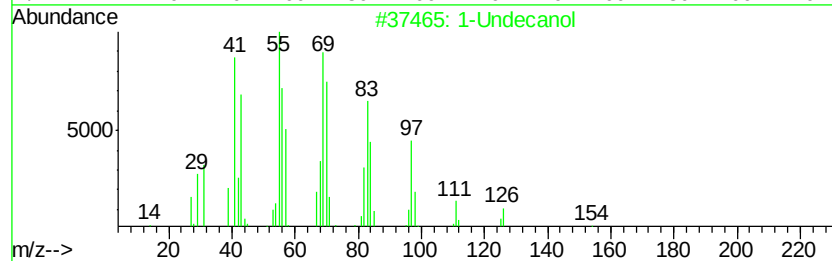
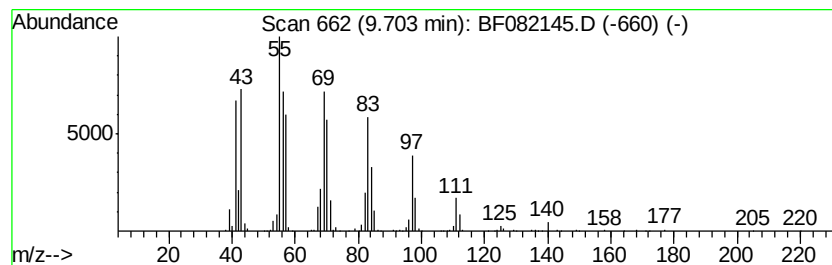
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Undecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	7.26 ng	874223	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Undecanol	172	C11H24O	000112-42-5	91
2		1-Dodecanol	186	C12H26O	000112-53-8	87
3		1-Tridecanol	200	C13H28O	000112-70-9	87
4		1-Tridecene	182	C13H26	002437-56-1	86
5		3-Chloropropionic acid, dodecyl ...	276	C15H29ClO2	074316-16-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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Acq On : 9 Oct 2015 15:02
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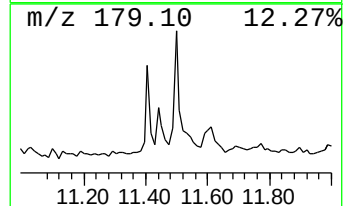
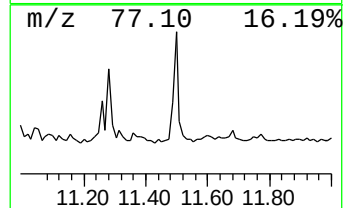
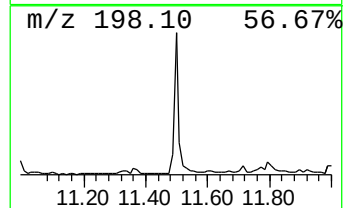
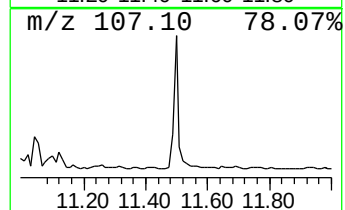
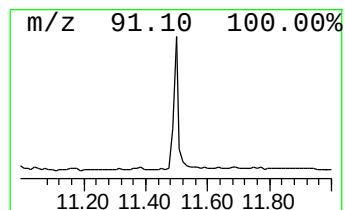
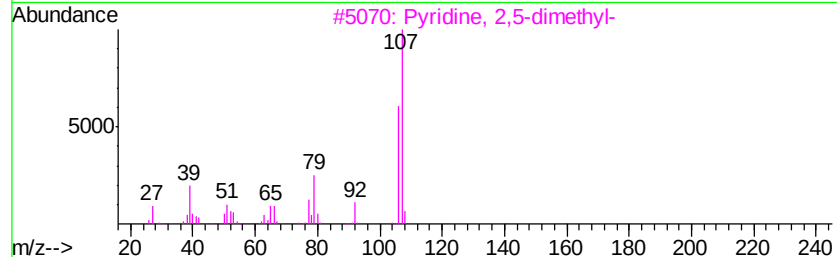
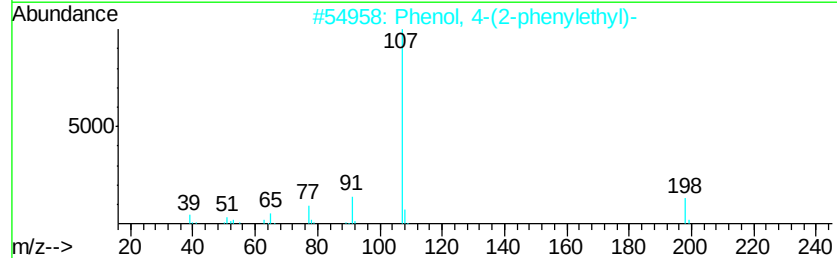
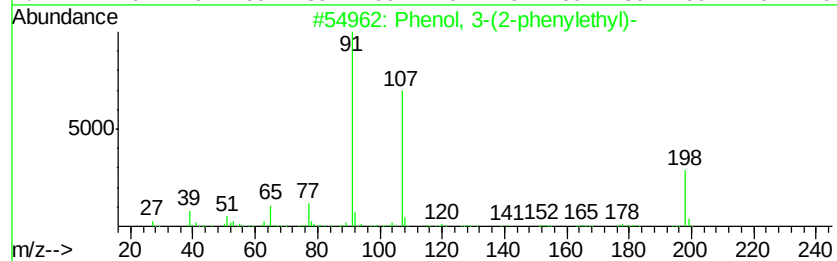
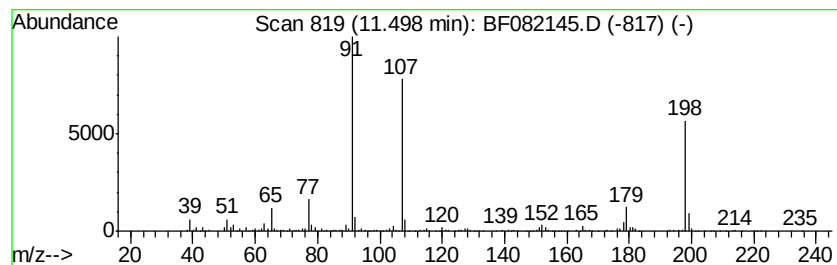
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 3-(2-phenylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	7.80 ng	391595	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	93
2		Phenol, 4-(2-phenylethyl)-	198	C14H14O	006335-83-7	47
3		Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	45
4		Benzeneacetic acid, .alpha.-hydr...	242	C15H14O3	080409-16-1	43
5		Benzeneacetic acid, .alpha.-hydr...	180	C10H12O3	000774-40-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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Acq On : 9 Oct 2015 15:02
Operator : UM/IZ
Sample : G3918-03
Misc :
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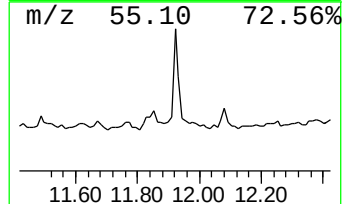
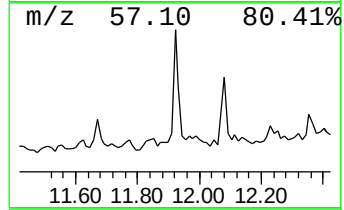
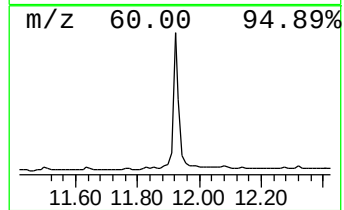
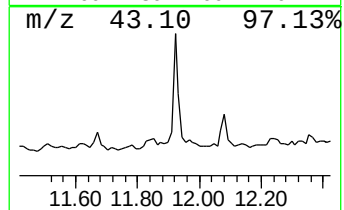
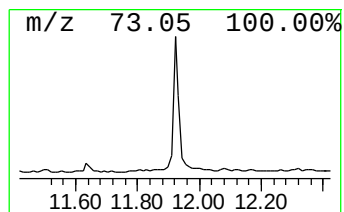
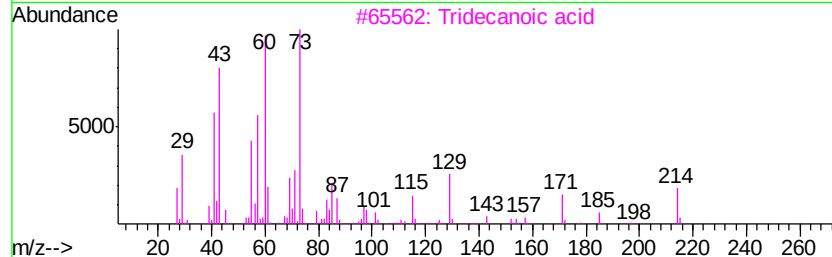
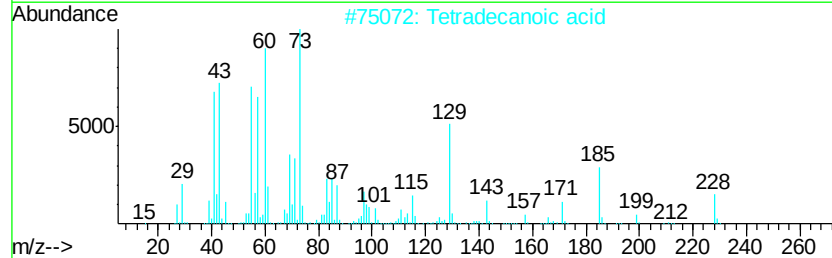
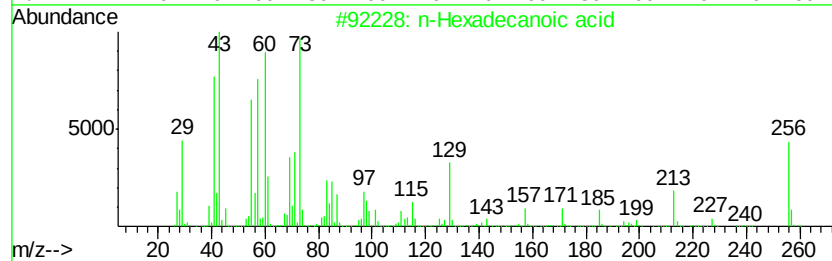
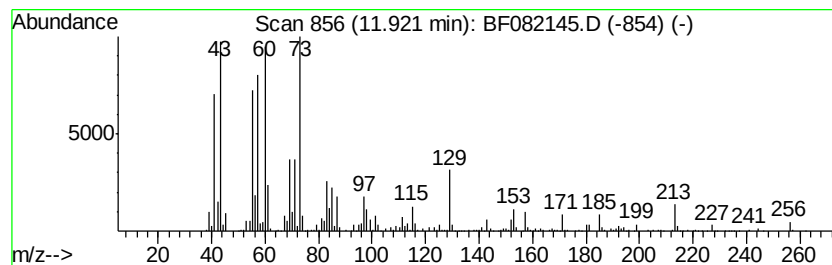
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.92	9.32 ng	467660	Phenanthrene-d10		11.38	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Undecanoic acid	186	C11H22O2	000112-37-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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Acq On : 9 Oct 2015 15:02
Operator : UM/IZ
Sample : G3918-03
Misc :
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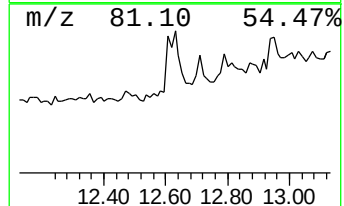
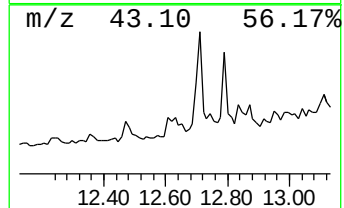
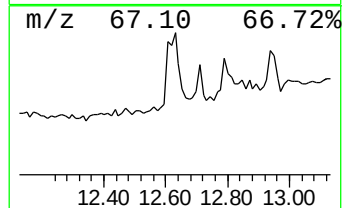
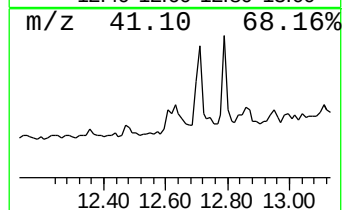
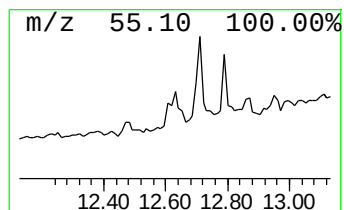
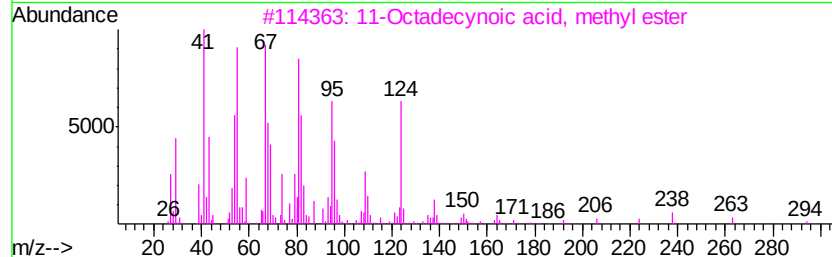
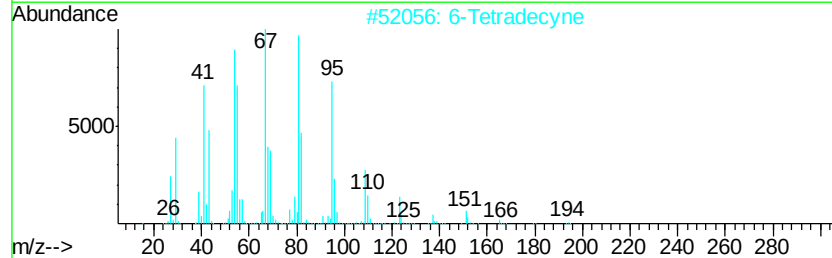
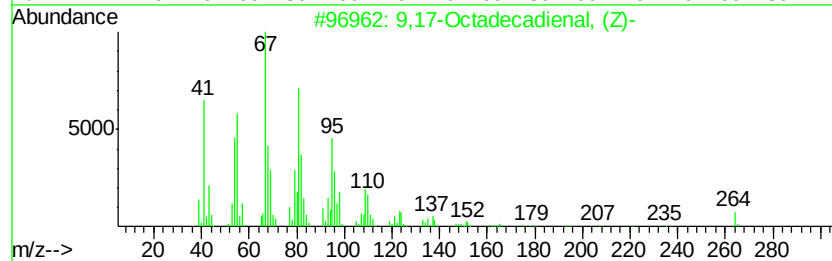
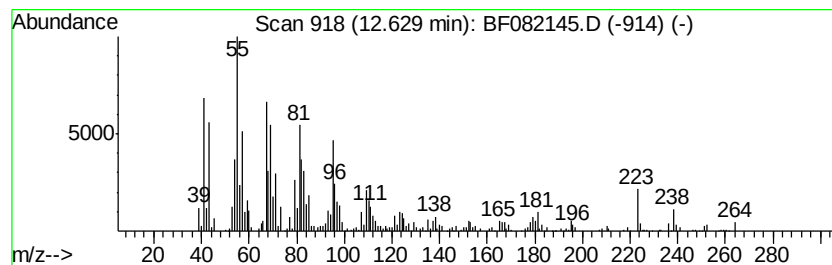
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,17-Octadecadienal, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.63	8.44 ng	423602	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	93
2	6-Tetradecyne	194	C14H26	003730-08-3	78
3	11-Octadecynoic acid, methyl ester	294	C19H34O2	026543-37-3	62
4	Oxacycloheptadec-8-en-2-one	252	C16H28O2	000123-69-3	55
5	Z,Z-10,12-Hexadecadienal	236	C16H28O	1000130-86-6	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
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Sample : G3918-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

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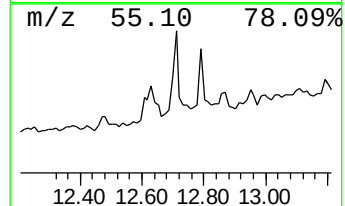
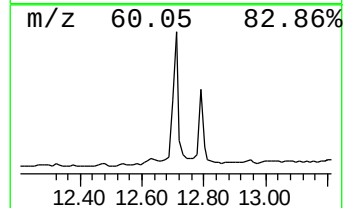
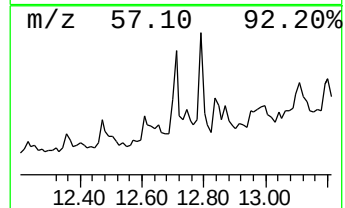
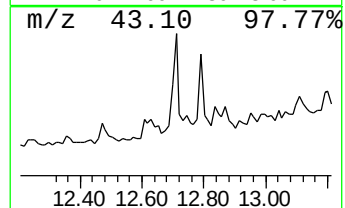
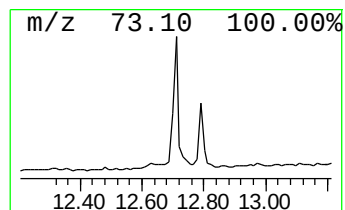
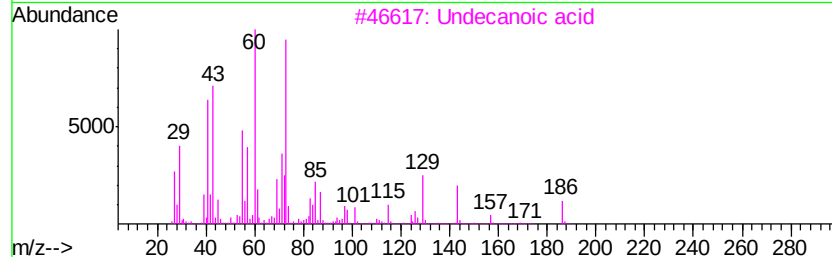
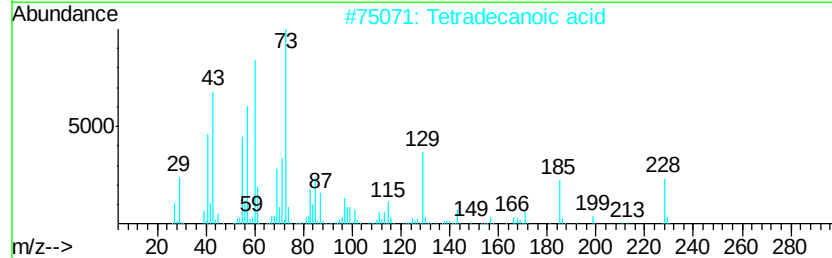
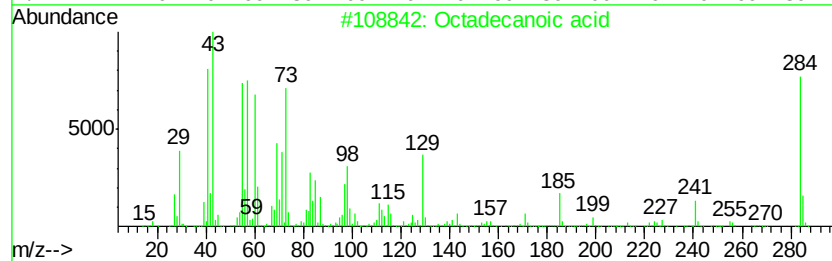
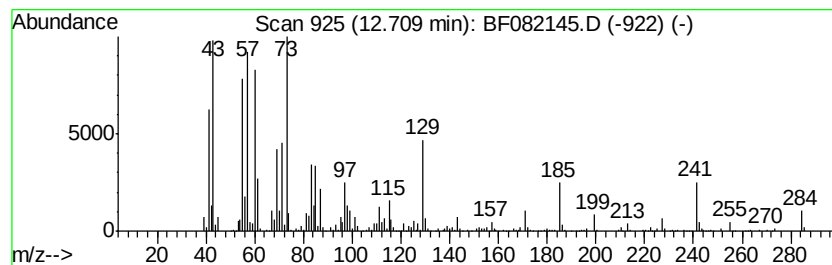
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	9.62 ng	469740	Chrysene-d12	14.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Undecanoic acid	186	C11H22O2	000112-37-8	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
Acq On : 9 Oct 2015 15:02
Operator : UM/IZ
Sample : G3918-03
Misc :
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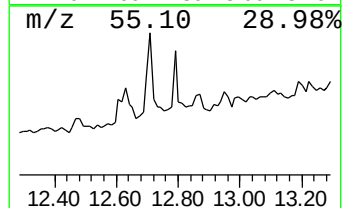
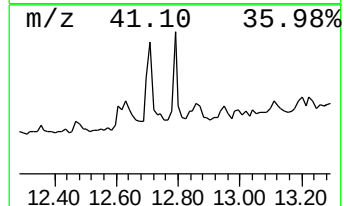
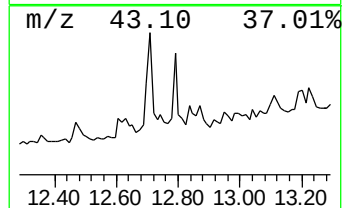
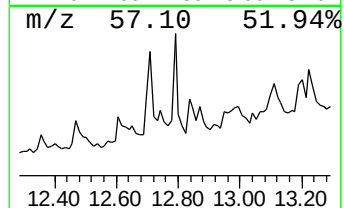
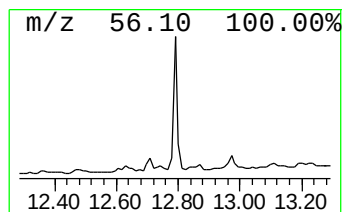
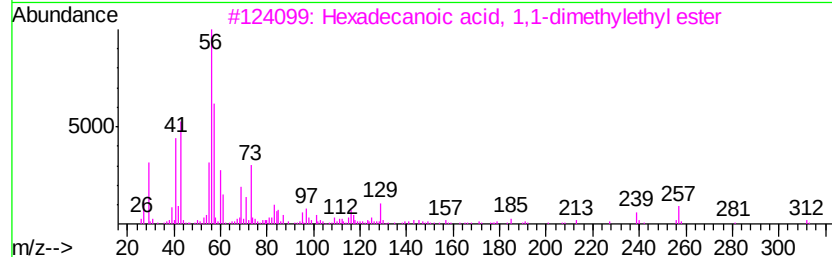
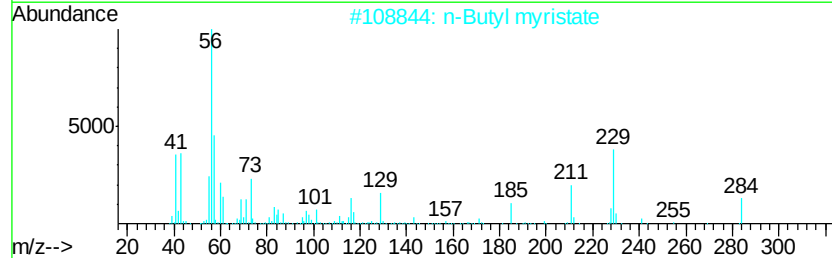
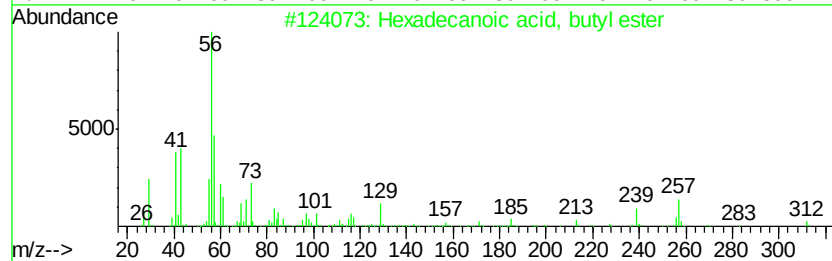
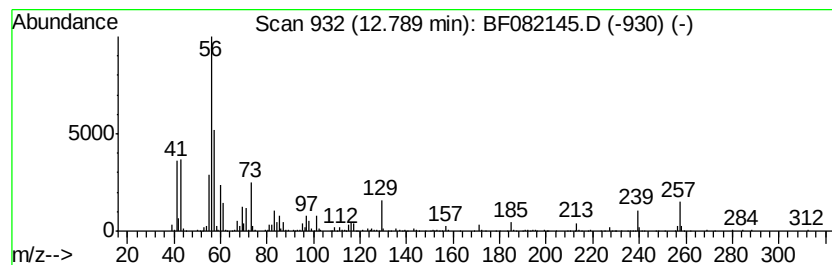
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, butyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.67 ng	326045	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		n-Butyl myristate	284	C18H36O2	000110-36-1	72
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
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Misc :
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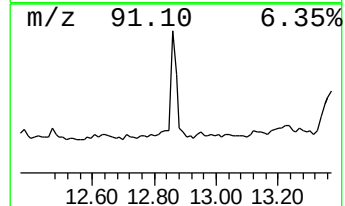
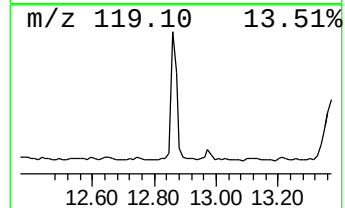
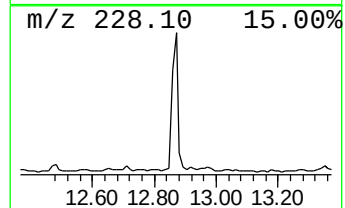
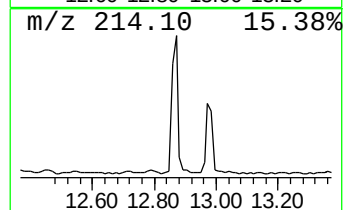
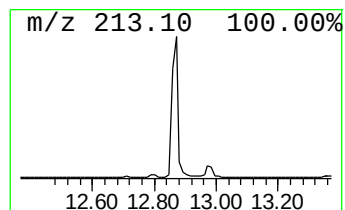
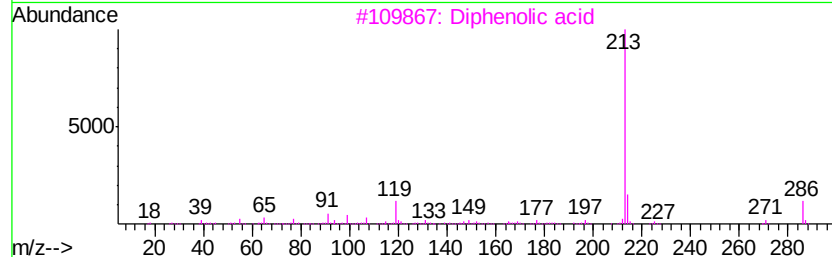
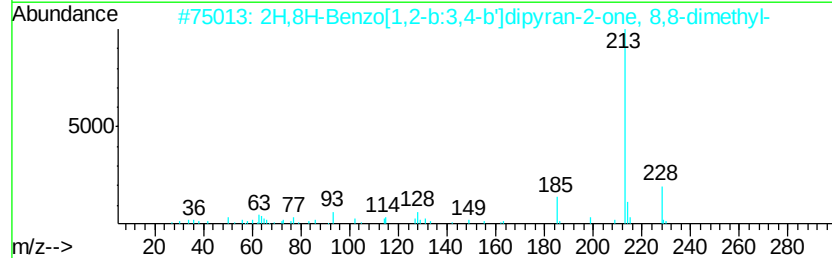
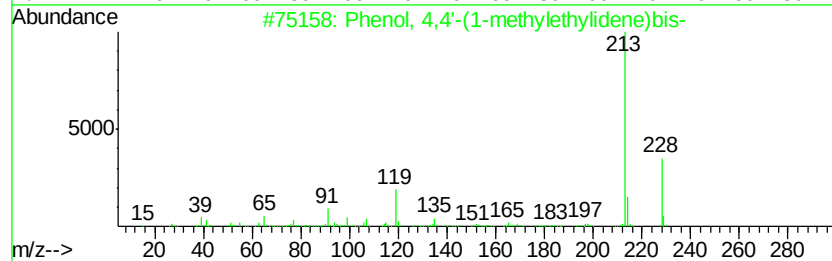
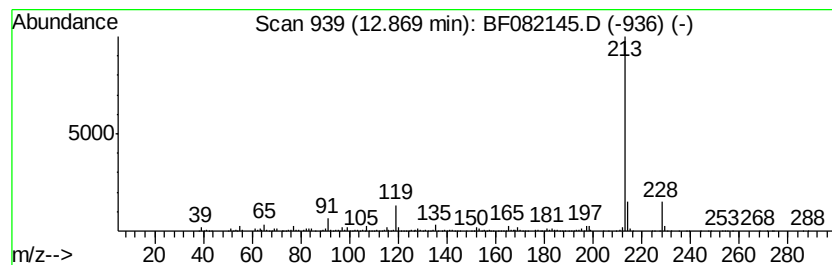
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	12.80 ng	625298	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
2		2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	50
3		Diphenolic acid	286	C17H18O4	000126-00-1	50
4		2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	50
5		2,2-Bis-(4-hydroxyphenyl)-butane	242	C16H18O2	000077-40-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082145.D
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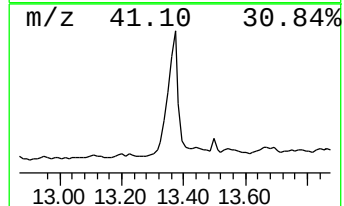
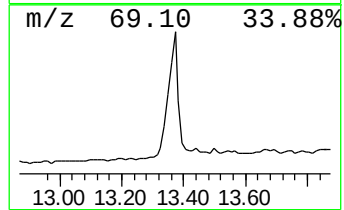
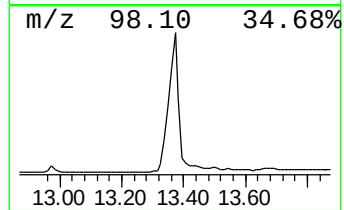
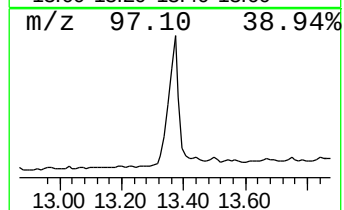
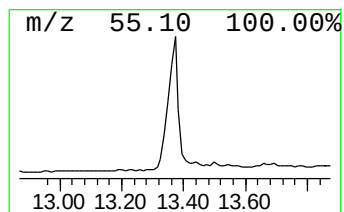
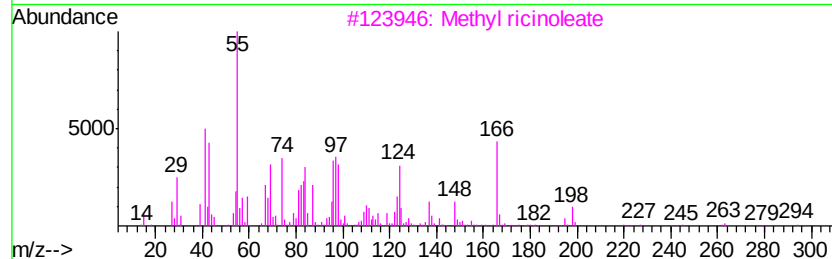
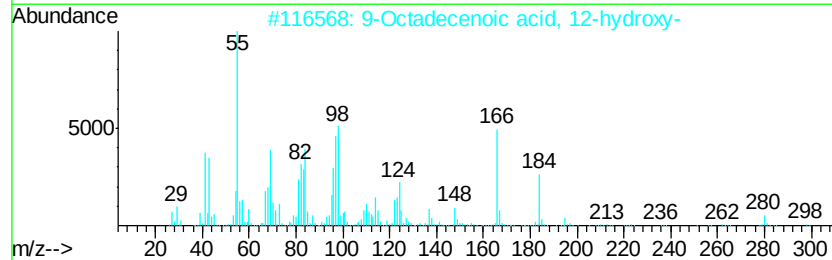
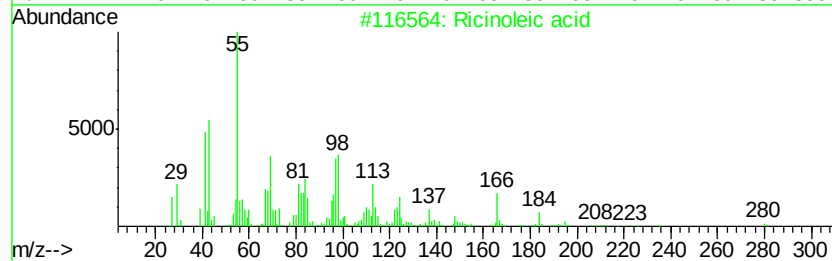
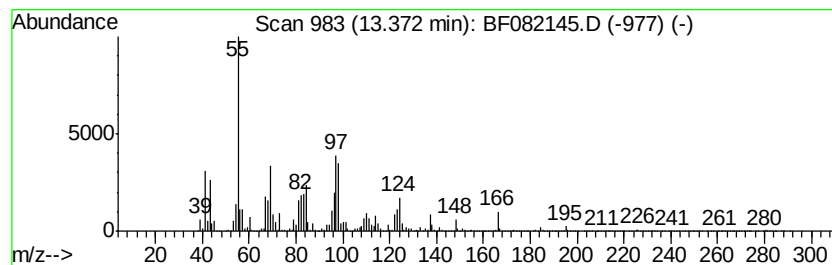
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Ricinoleic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	147.00 ng	7180600	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ricinoleic acid	298	C18H34O3	000141-22-0	87
2		9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	74
3		Methyl ricinoleate	312	C19H36O3	000141-24-2	72
4		Chloromethyl 5-chloroundecanoate	268	C12H22Cl2O2	080418-91-3	52
5		Oxacyclododecan-2-one	184	C11H20O2	001725-03-7	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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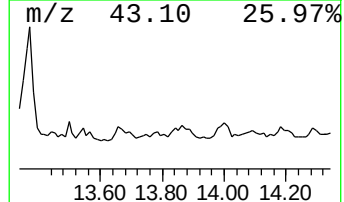
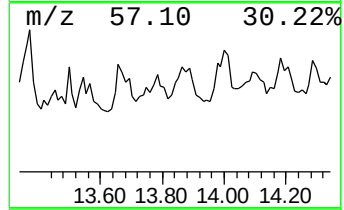
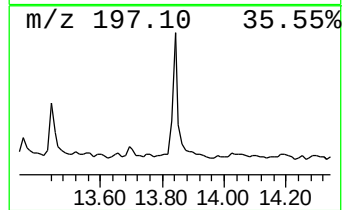
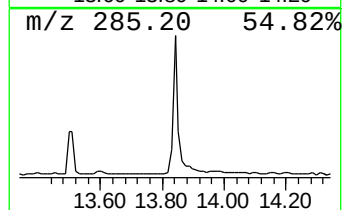
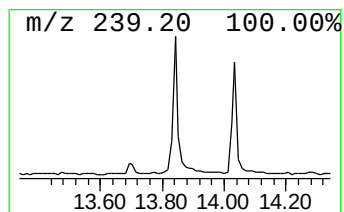
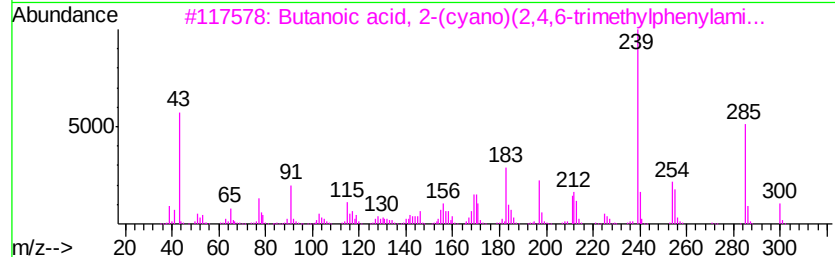
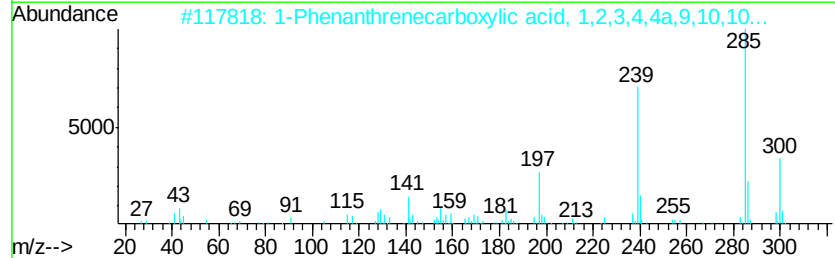
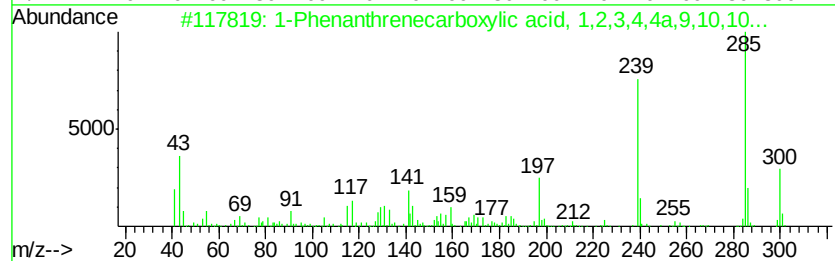
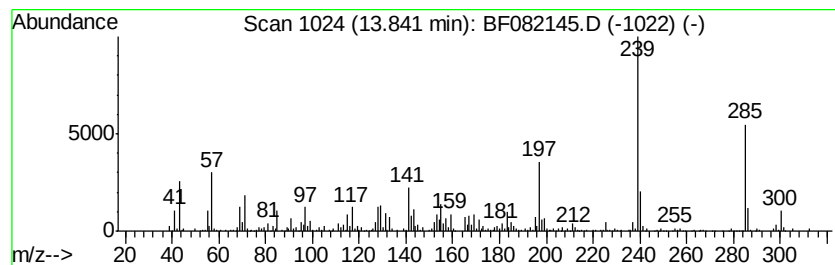
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ClientSampleId :
WC100215-L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Phenanthrenecarboxylic ac... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.84	11.20 ng	547309	Chrysene-d12	14.04		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	95	
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	87	
3	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	74	
4	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N03	000391-02-6	53	
5	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082145.D
 Acq On : 9 Oct 2015 15:02
 Operator : UM/IZ
 Sample : G3918-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC100215-L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	19.2 ng		621325	1	6.85	647250	20.0
Heptanal	5.77	12.0 ng		387816	1	6.85	647250	20.0
Hexanoic acid	6.57	11.7 ng		377677	1	6.85	647250	20.0
unknown6.62	6.62	80.5 ng		2603900	1	6.85	647250	20.0
1-Hexanol, 2-ethyl-	6.91	20.1 ng		649728	1	6.85	647250	20.0
Heptanoic acid	7.36	72.6 ng		2348850	1	6.85	647250	20.0
Bicyclo[2.2.1]hep...	7.89	7.5 ng		362232	2	8.14	968537	20.0
Octanoic Acid	7.95	17.9 ng		864731	2	8.14	968537	20.0
Nonanoic acid	8.53	9.2 ng		444047	2	8.14	968537	20.0
1-Undecanol	9.70	7.3 ng		874223	3	9.90	2407110	20.0
Phenol, 3-(2-phen...	11.50	7.8 ng		391595	4	11.38	1003870	20.0
n-Hexadecanoic acid	11.92	9.3 ng		467660	4	11.38	1003870	20.0
9,17-Octadecadien...	12.63	8.4 ng		423602	4	11.38	1003870	20.0
Octadecanoic acid	12.71	9.6 ng		469740	5	14.04	976952	20.0
Hexadecanoic acid...	12.79	6.7 ng		326045	5	14.04	976952	20.0
Phenol, 4,4'-(1-m...	12.87	12.8 ng		625298	5	14.04	976952	20.0
Ricinoleic acid	13.37	147.0 ng		7180600	5	14.04	976952	20.0
1-Phenanthrenecar...	13.84	11.2 ng		547309	5	14.04	976952	20.0