

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085324.D
 Acq On : 10 Mar 2016 3:17
 Operator : UM/SJ
 Sample : H1722-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-28(0.5-2.5)

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-BF030316.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	5.156	248	251	258	rVB	229524	311869	7.24%	0.666%
2	5.556	283	286	288	rBV	3897652	4091030	95.02%	8.735%
3	6.527	367	371	372	rBV	35714	48666	1.13%	0.104%
4	6.573	372	375	377	rVV	3486633	3891141	90.38%	8.308%
5	6.710	384	387	390	rBV	3426293	4203193	97.63%	8.975%
6	6.939	405	407	410	rVB	751721	1036683	24.08%	2.214%
7	7.099	419	421	424	rVB	2804470	3233006	75.09%	6.903%
8	7.510	454	457	459	rBV	2780018	2946211	68.43%	6.291%
9	7.590	461	464	467	rVB	94550	148610	3.45%	0.317%
10	7.956	490	496	500	rBV	29481	55642	1.29%	0.119%
11	8.230	517	520	522	rBV	1692970	1474428	34.25%	3.148%
12	9.305	611	614	617	rBV	4102513	4305412	100.00%	9.193%
13	9.419	622	624	626	rVB	58251	49782	1.16%	0.106%
14	9.705	646	649	650	rBV	817886	1009515	23.45%	2.156%
15	9.910	665	667	670	rVB	90947	127588	2.96%	0.272%
16	9.990	671	674	676	rVV	1491410	1537404	35.71%	3.283%
17	10.185	689	691	694	rVB3	38031	70081	1.63%	0.150%
18	10.242	694	696	698	rBV2	33160	43066	1.00%	0.092%
19	10.390	707	709	710	rBV	58539	57602	1.34%	0.123%
20	10.413	710	711	713	rVB	207450	187378	4.35%	0.400%
21	10.630	728	730	734	rBV	62401	132851	3.09%	0.284%
22	10.779	740	743	745	rBV	2918750	3024845	70.26%	6.459%
23	10.893	750	753	757	rBV	177206	273457	6.35%	0.584%
24	11.088	767	770	771	rBV2	31707	53150	1.23%	0.113%
25	11.339	789	792	793	rBV	144746	146208	3.40%	0.312%
26	11.362	793	794	797	rVB	43617	62145	1.44%	0.133%
27	11.476	801	804	805	rBV	1521324	1625388	37.75%	3.471%
28	11.499	805	806	807	rVV	228667	165569	3.85%	0.354%
29	11.545	807	810	812	rVB	78847	107917	2.51%	0.230%
30	11.693	821	823	827	rBV	451426	455546	10.58%	0.973%
31	11.762	827	829	831	rVB	86802	76177	1.77%	0.163%
32	11.922	841	843	846	rBV2	50962	85313	1.98%	0.182%
33	12.002	848	850	852	rVV	631041	691176	16.05%	1.476%
34	12.082	856	857	861	rVB2	71042	103242	2.40%	0.220%

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35	12.173	862	865	867	rVB	57649	56762	1.32%	0.121%
36	12.253	869	872	874	rBV2	52819	82500	1.92%	0.176%
37	12.516	892	895	897	rBV3	151792	182373	4.24%	0.389%
38	12.562	897	899	901	rVV	64368	84193	1.96%	0.180%
39	12.608	901	903	906	rVB3	31469	45821	1.06%	0.098%
40	12.688	908	910	911	rBV	509572	681891	15.84%	1.456%
41	12.711	911	912	917	rVV	649064	642076	14.91%	1.371%
42	12.779	917	918	925	rVB3	230788	401075	9.32%	0.856%
43	12.916	926	930	933	rVV	316550	475277	11.04%	1.015%
44	13.065	940	943	945	rVB	3372812	3951265	91.77%	8.437%
45	13.236	955	958	960	rBV	43049	76410	1.77%	0.163%
46	13.305	960	964	966	rVV2	39613	78374	1.82%	0.167%
47	13.339	966	967	971	rVB3	42703	78550	1.82%	0.168%
48	13.614	989	991	997	rVB7	26561	61448	1.43%	0.131%
49	13.739	1000	1002	1005	rVB	26839	44280	1.03%	0.095%
50	13.854	1010	1012	1014	rBV2	30709	46048	1.07%	0.098%
51	13.956	1019	1021	1025	rVB	202293	324251	7.53%	0.692%
52	14.105	1030	1034	1040	rBV2	893638	1299182	30.18%	2.774%
53	14.585	1073	1076	1078	rBV	45487	72067	1.67%	0.154%
54	14.859	1098	1100	1104	rBV	130569	170569	3.96%	0.364%
55	14.962	1107	1109	1111	rVB	76716	76957	1.79%	0.164%
56	15.031	1113	1115	1118	rVB2	30246	48861	1.13%	0.104%
57	15.145	1122	1125	1130	rBV	127102	254662	5.91%	0.544%
58	15.225	1130	1132	1133	rBV	42619	52592	1.22%	0.112%
59	15.442	1149	1151	1154	rVB	75864	105160	2.44%	0.225%
60	15.511	1154	1157	1160	rBV	89587	127196	2.95%	0.272%
61	15.568	1160	1162	1165	rBV	545519	812401	18.87%	1.735%
62	15.808	1180	1183	1185	rVB2	25199	43877	1.02%	0.094%
63	16.094	1206	1208	1216	rVB9	23821	71055	1.65%	0.152%
64	16.277	1222	1224	1231	rVB7	23211	72224	1.68%	0.154%
65	16.837	1270	1273	1280	rVB3	21721	61359	1.43%	0.131%
66	17.031	1286	1290	1295	rVB2	49027	112980	2.62%	0.241%
67	17.214	1303	1306	1309	rBV4	16725	46319	1.08%	0.099%
68	17.465	1325	1328	1336	rVB	45374	106926	2.48%	0.228%
69	17.625	1338	1342	1347	rBV5	35595	111860	2.60%	0.239%
70	18.654	1430	1432	1438	rVB7	15341	43743	1.02%	0.093%

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

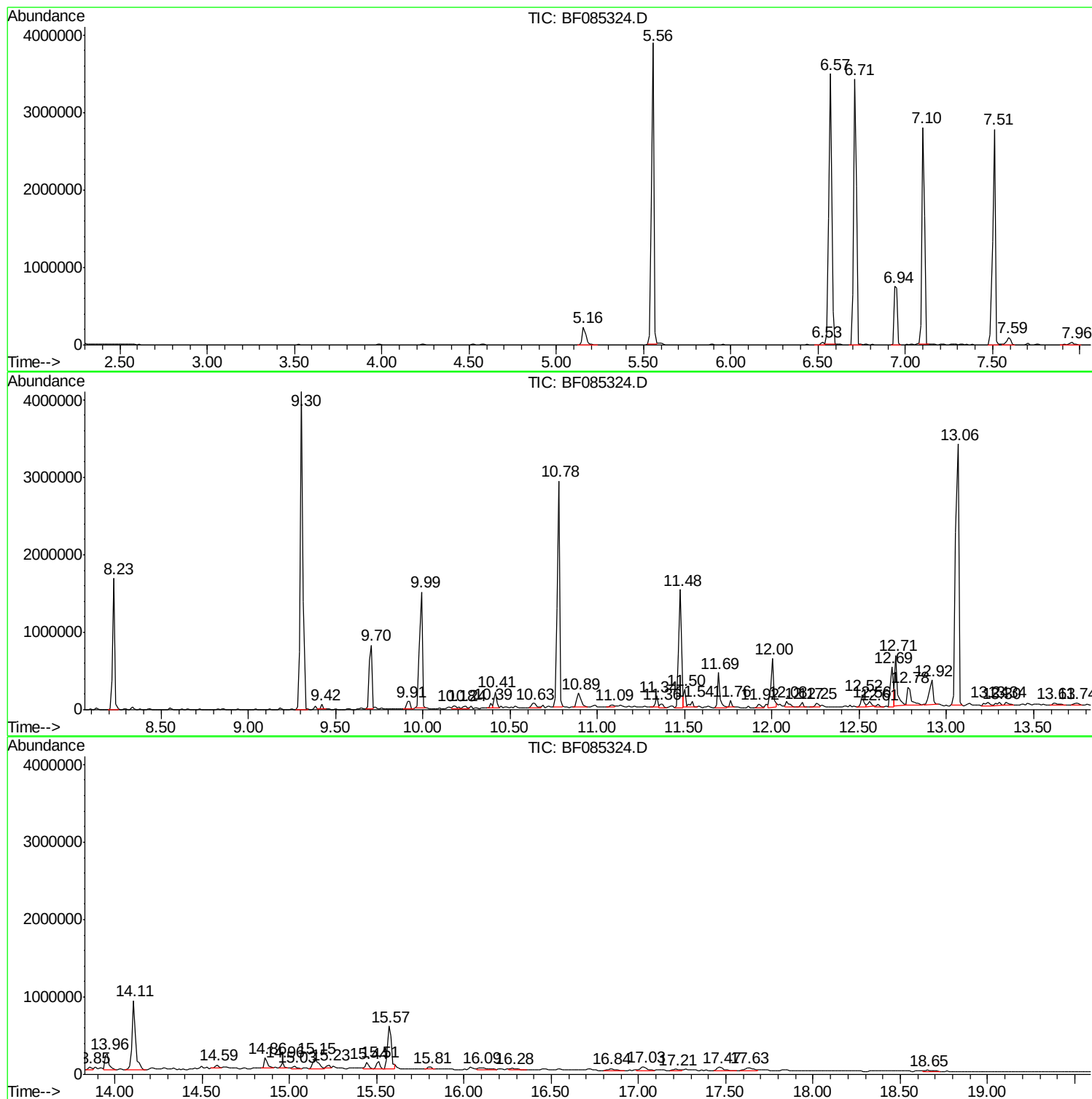
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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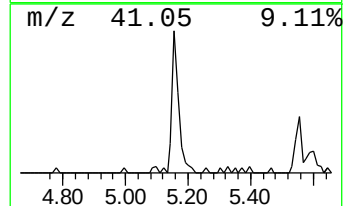
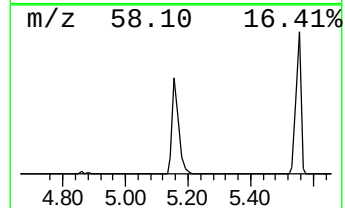
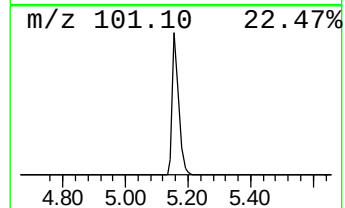
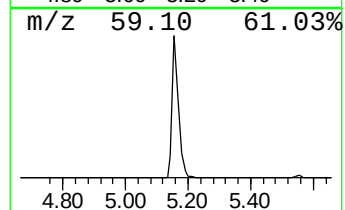
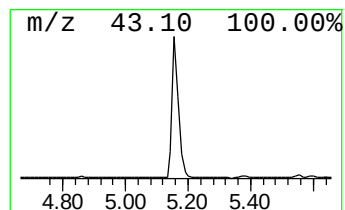
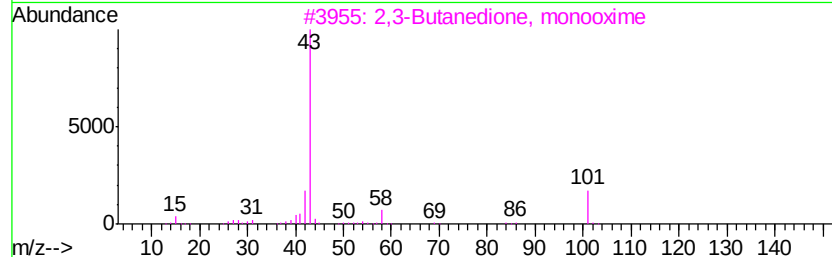
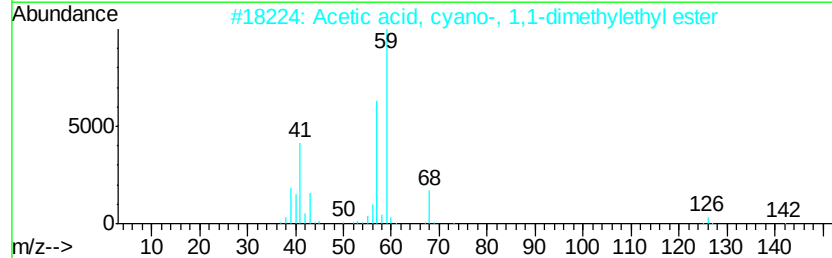
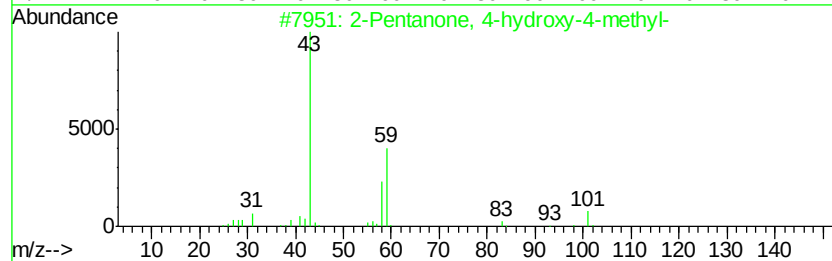
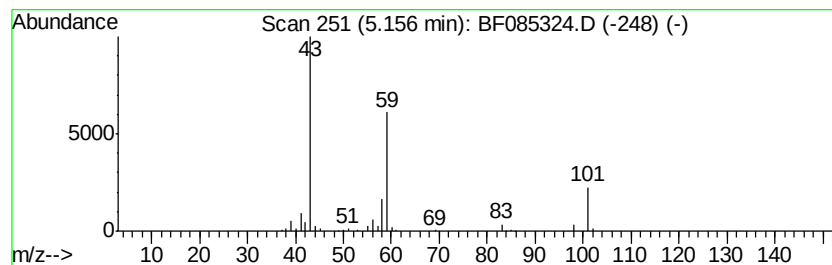
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	6.02 ng	311869	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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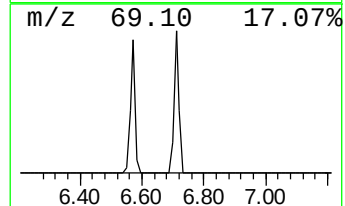
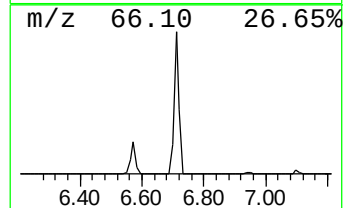
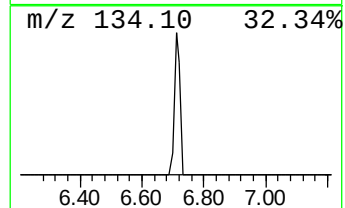
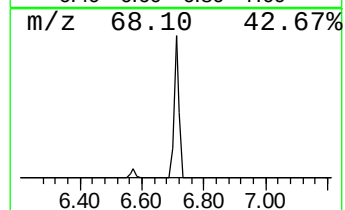
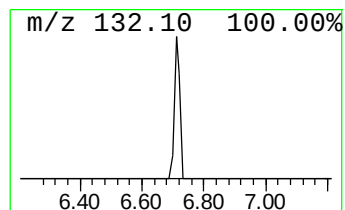
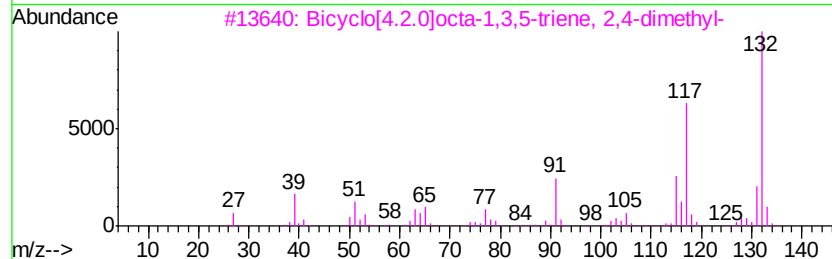
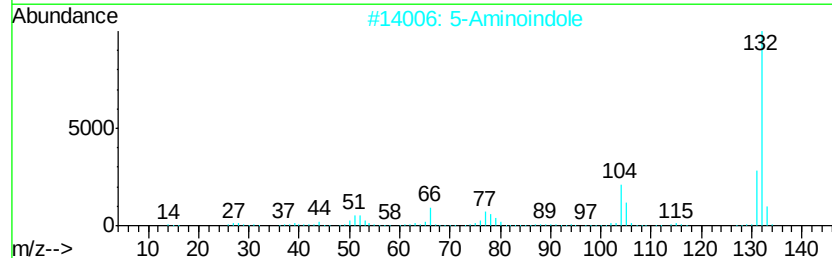
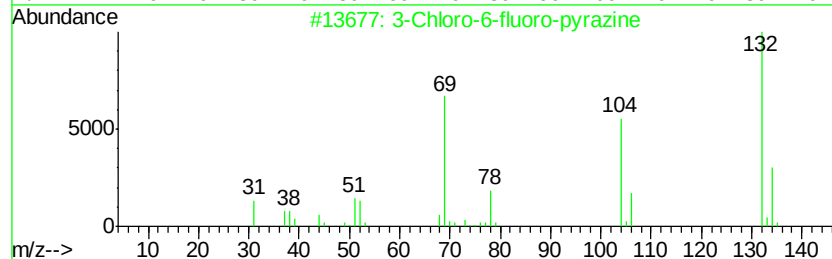
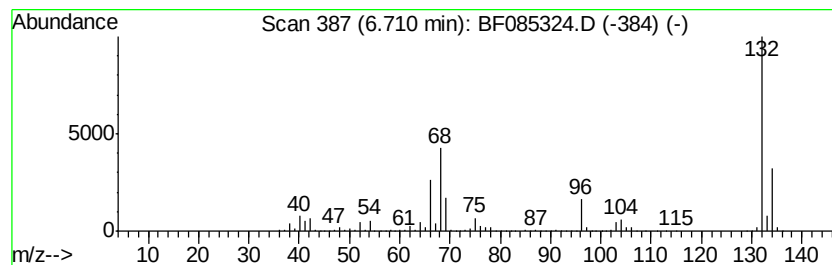
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	81.09 ng	4203190	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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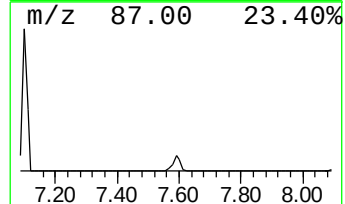
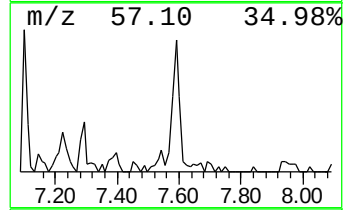
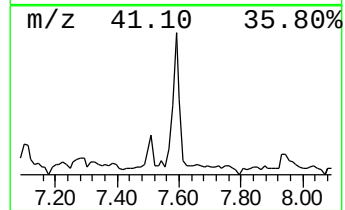
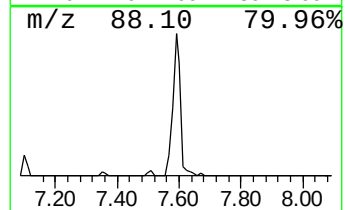
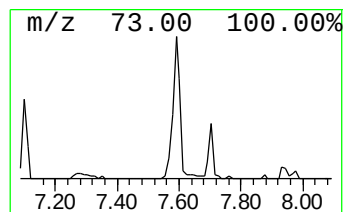
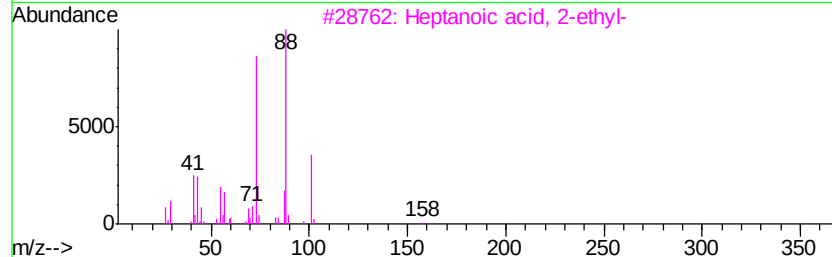
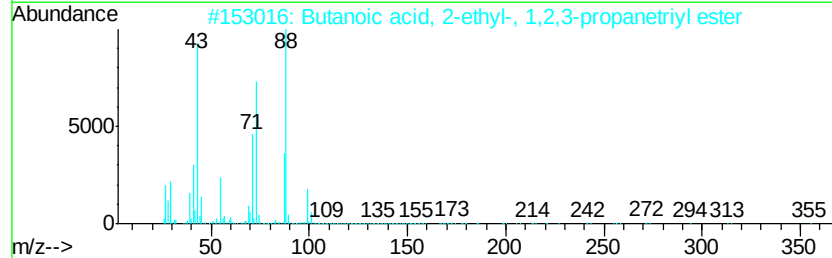
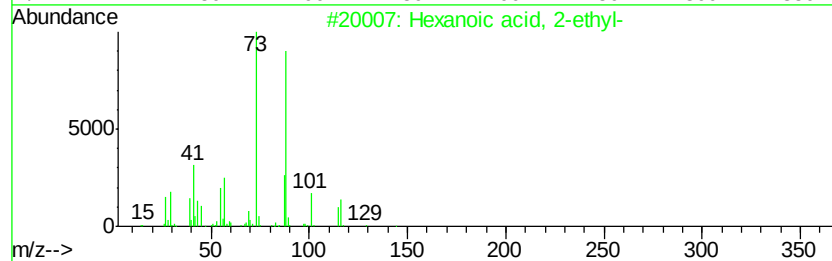
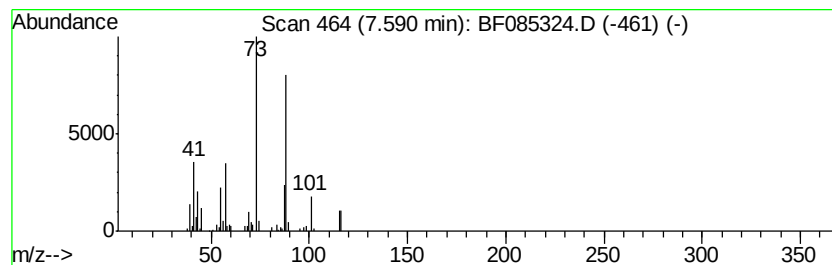
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.02 ng	148610	Naphthalene-d8	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
5		Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	40



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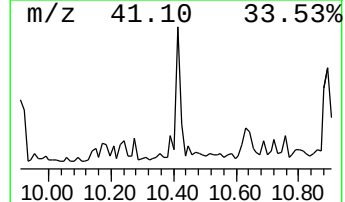
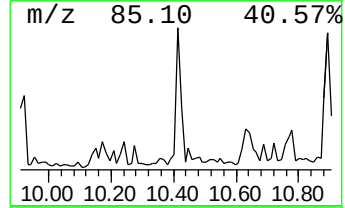
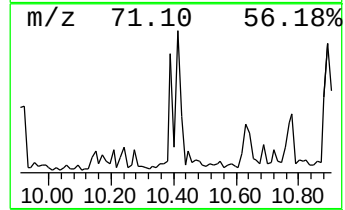
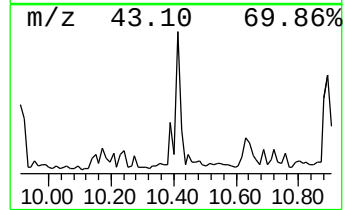
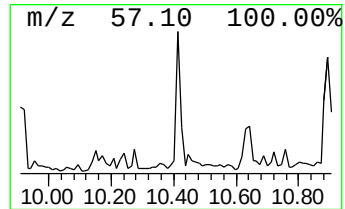
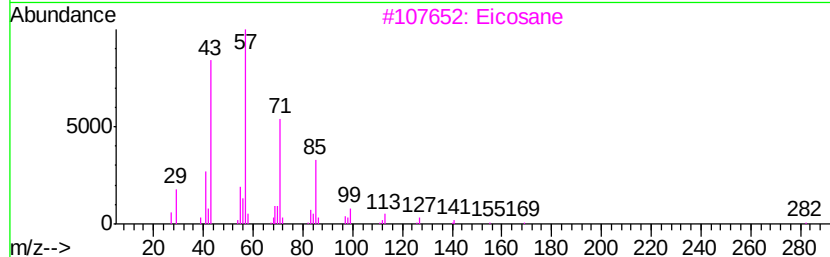
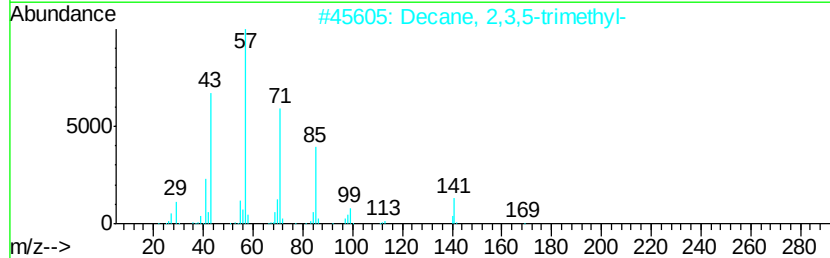
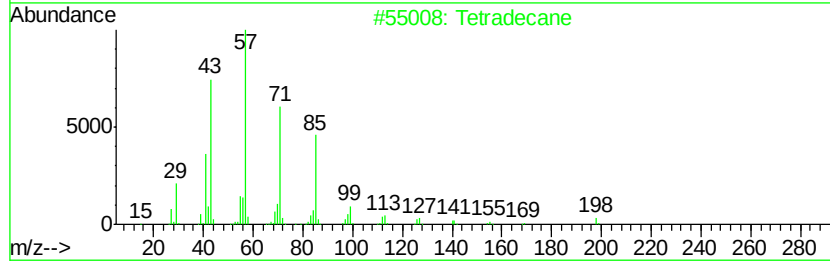
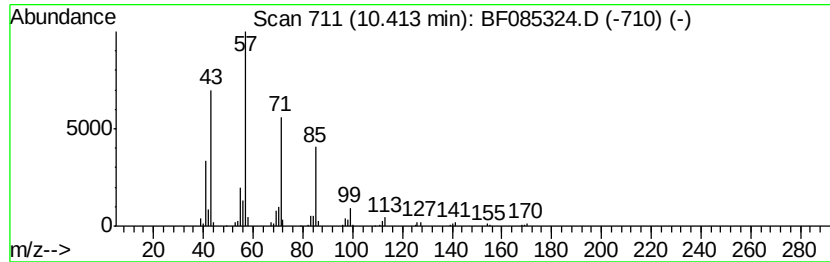
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	2.44 ng	187378	Acenaphthene-d10		9.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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Acq On : 10 Mar 2016 3:17
Operator : UM/SJ
Sample : H1722-08
Misc :
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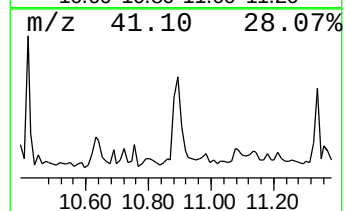
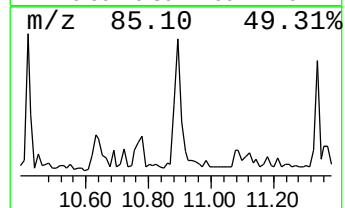
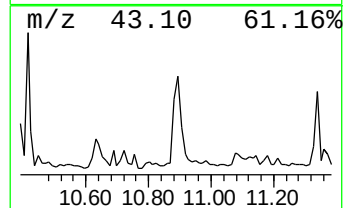
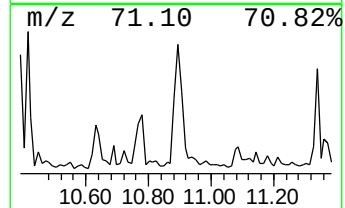
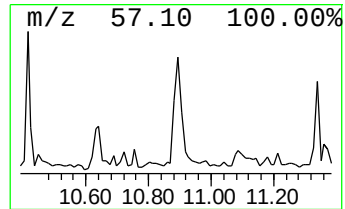
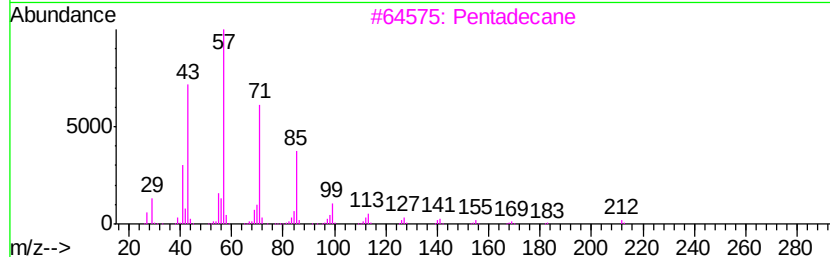
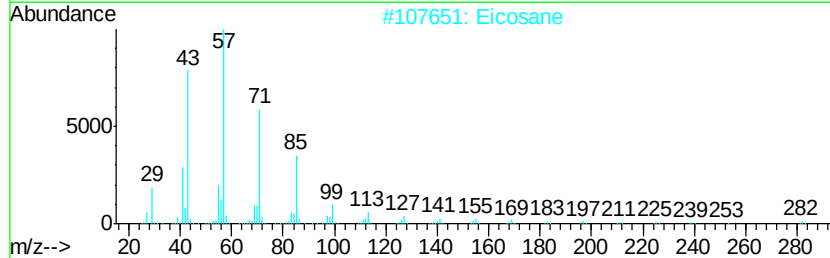
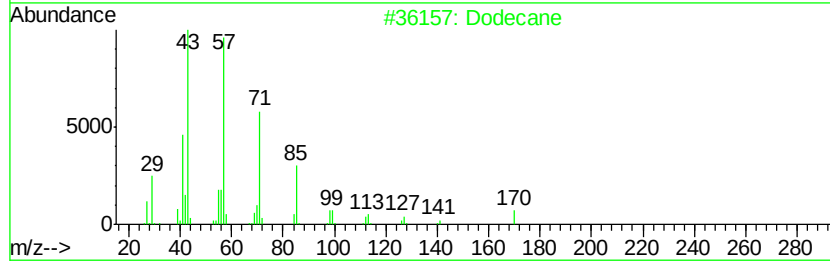
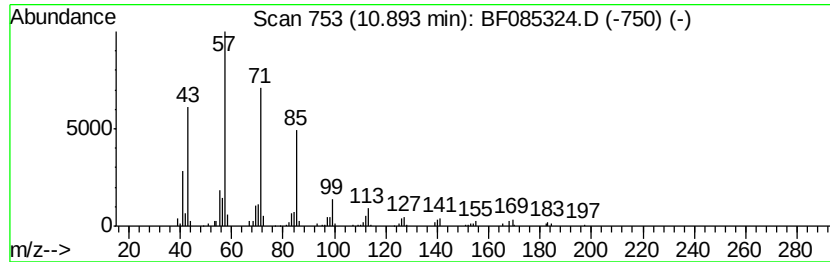
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	3.36 ng	273457	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octacosane	394	C28H58	000630-02-4	90



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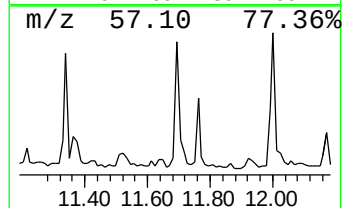
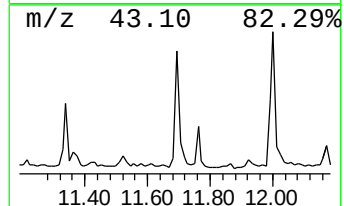
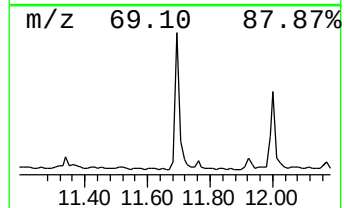
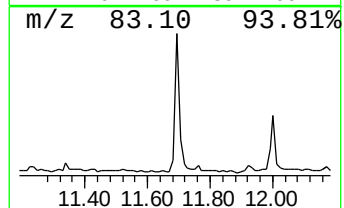
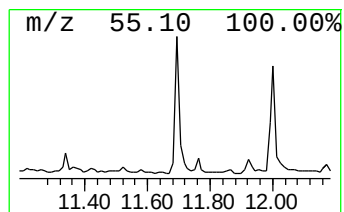
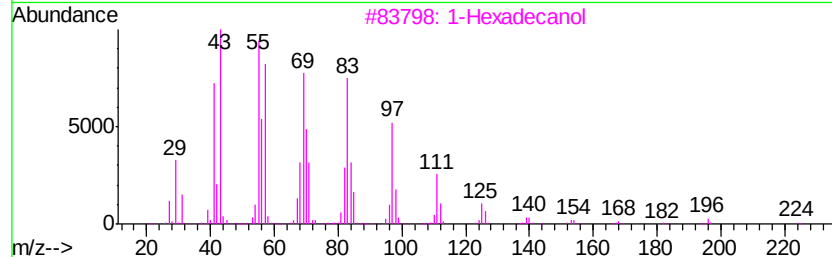
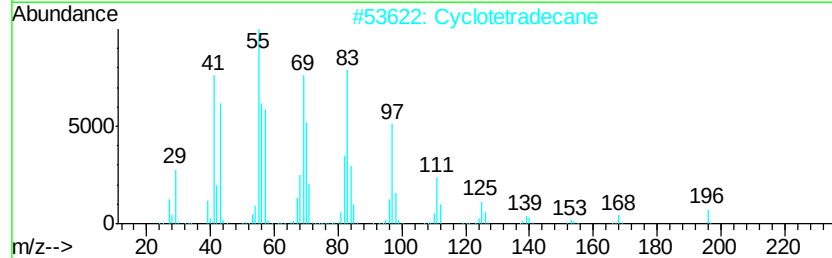
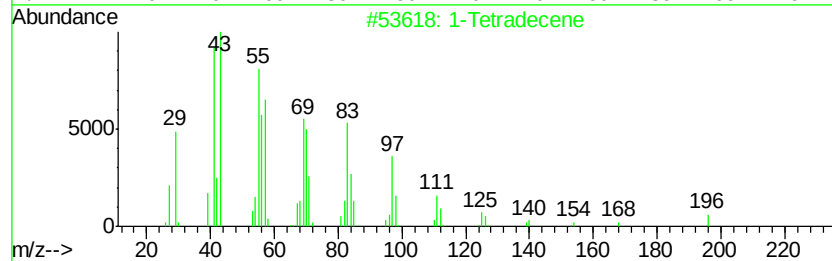
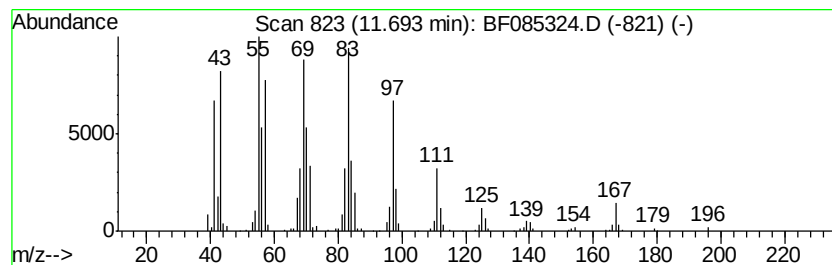
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Tetradecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.69	5.61 ng	455546	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	98
2	Cyclotetradecane	196	C14H28	000295-17-0	96
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	Cyclododecane	168	C12H24	000294-62-2	93
5	2-Tetradecene, (E)-	196	C14H28	035953-53-8	91



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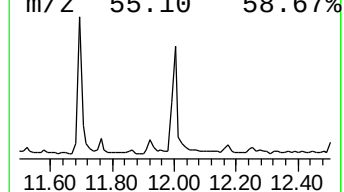
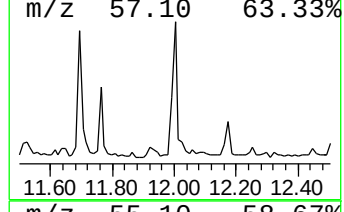
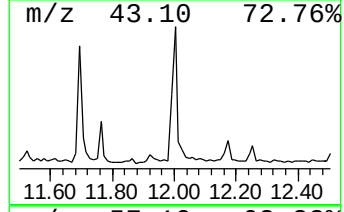
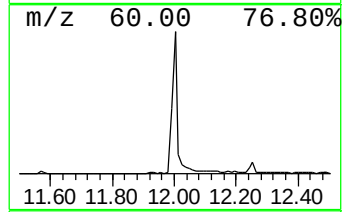
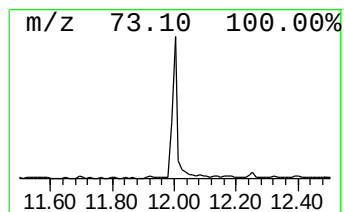
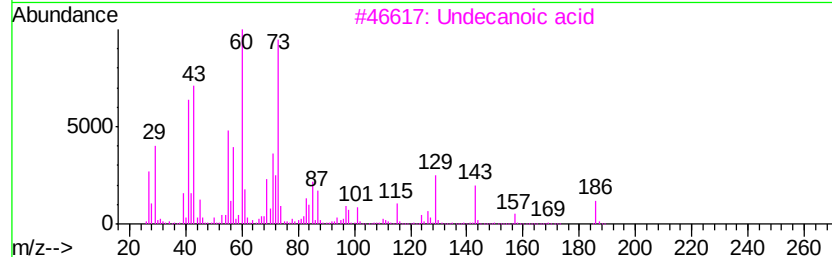
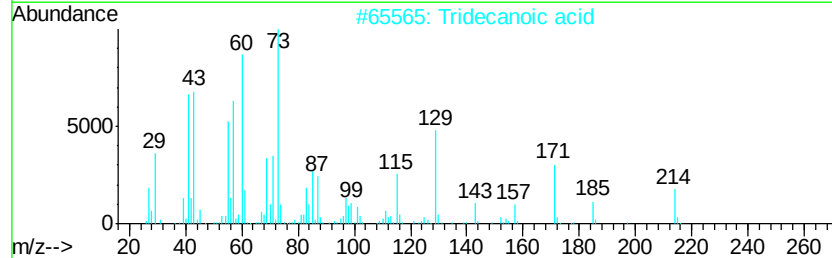
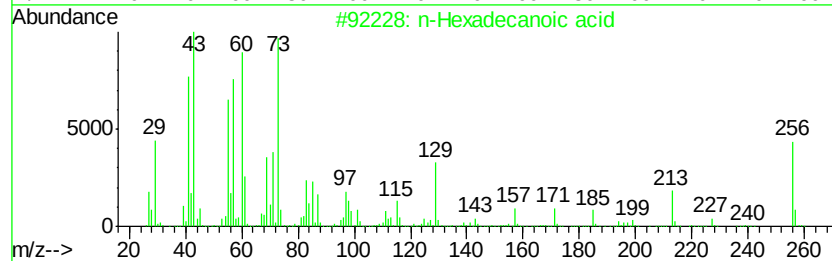
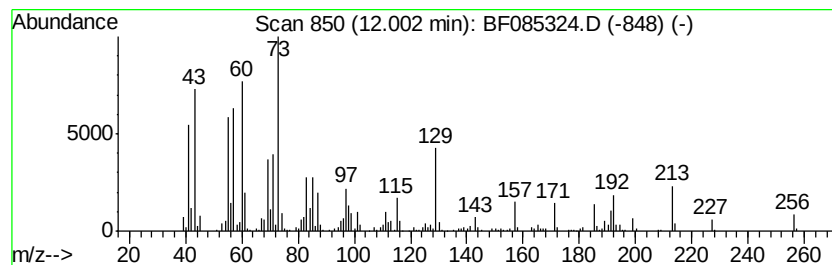
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.00	8.50 ng	691176	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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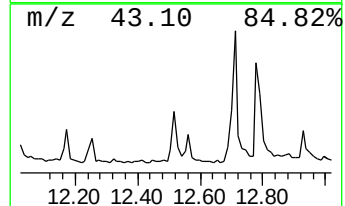
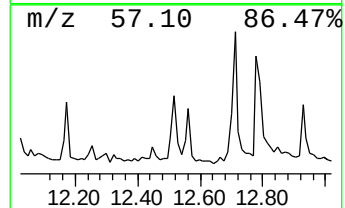
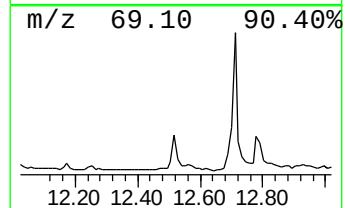
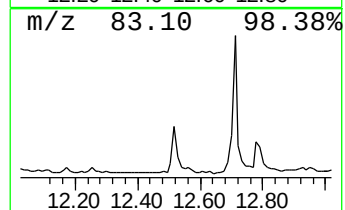
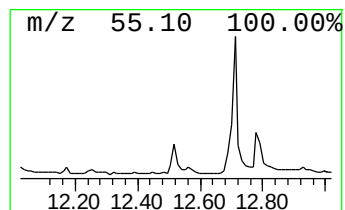
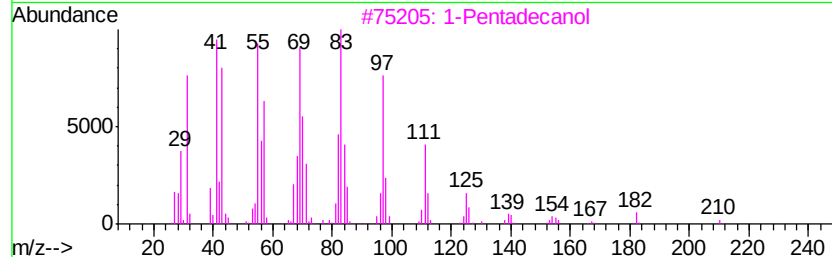
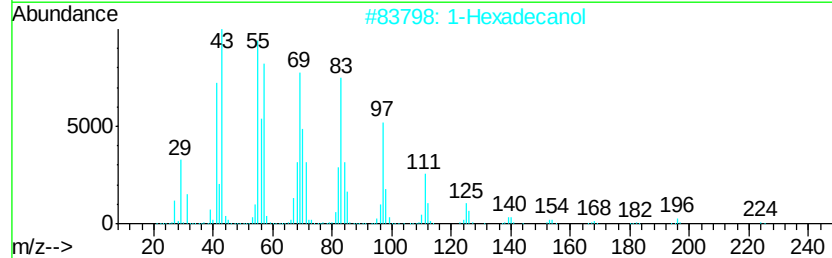
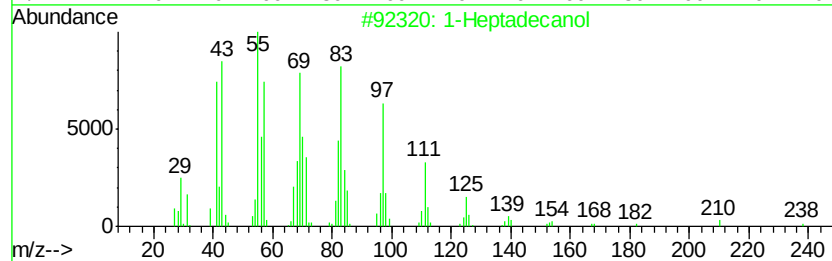
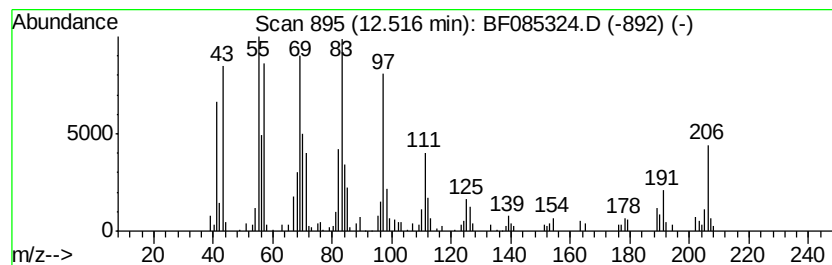
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Heptadecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	2.24 ng	182373	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	93
2	1-Hexadecanol	242	C16H34O	036653-82-4	87
3	1-Pentadecanol	228	C15H32O	000629-76-5	87
4	Cyclotetradecane	196	C14H28	000295-17-0	83
5	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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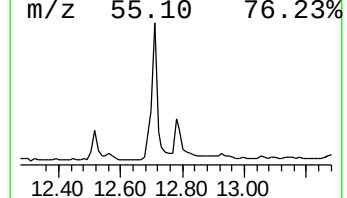
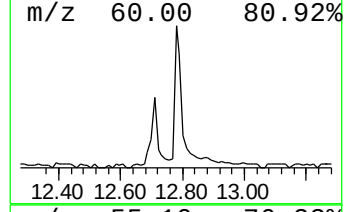
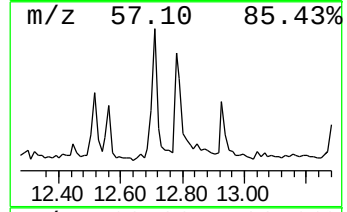
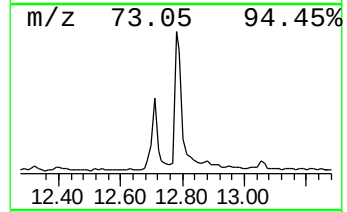
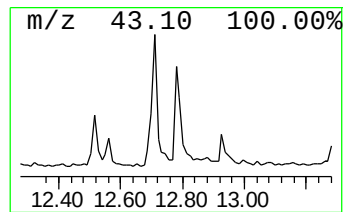
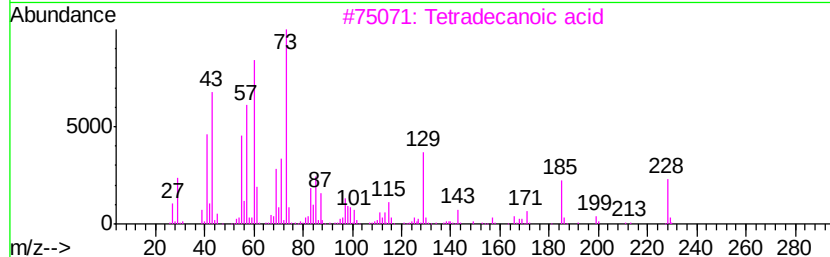
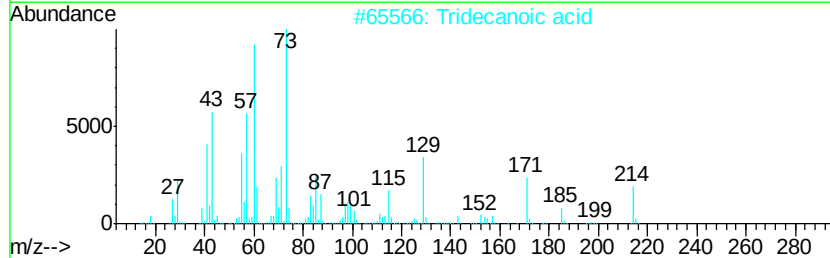
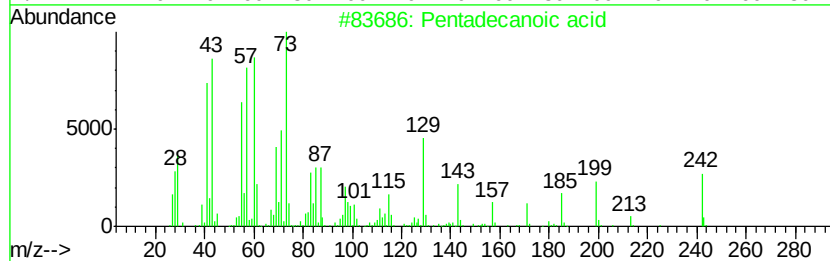
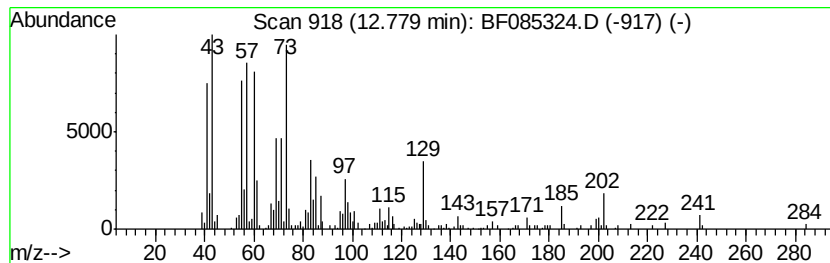
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	4.94 ng	401075	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	59
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	46
5	Tridecane	184	C13H28	000629-50-5	11



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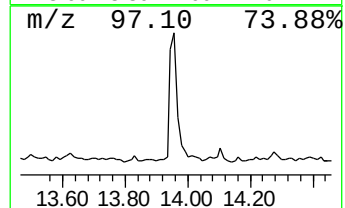
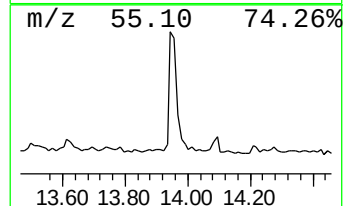
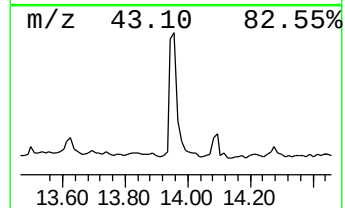
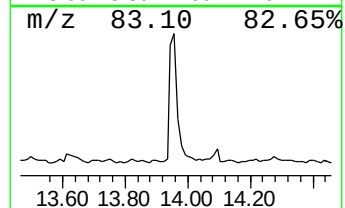
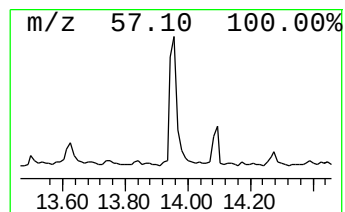
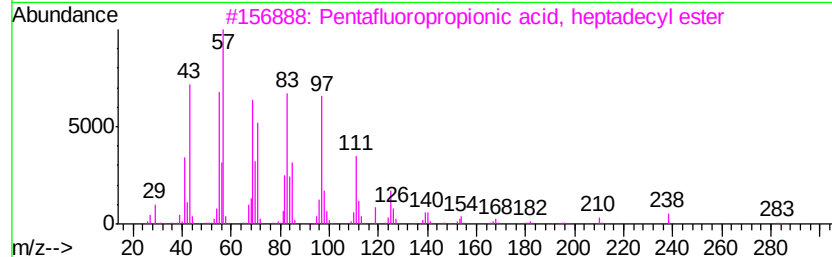
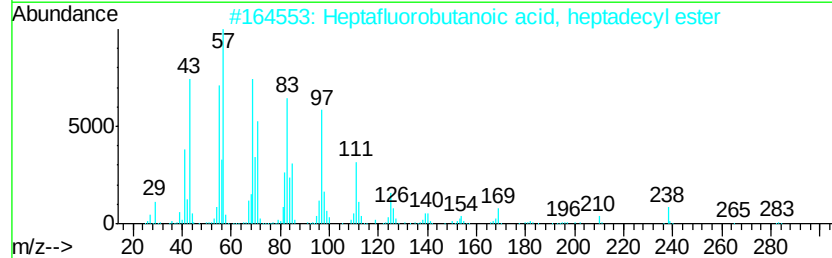
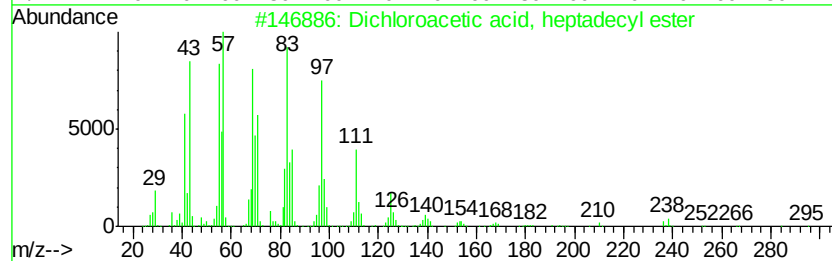
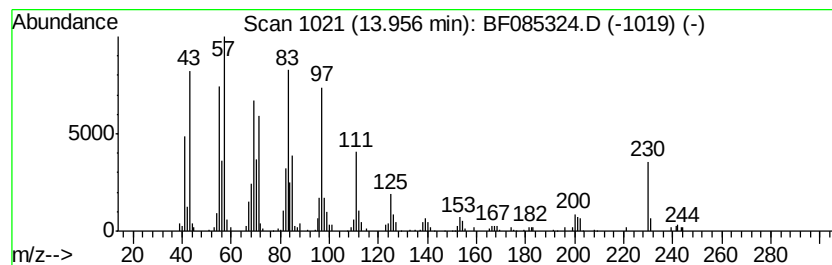
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.96	4.99 ng	324251	Chrysene-d12	14.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4		1-Docosene	308	C22H44	001599-67-3	87
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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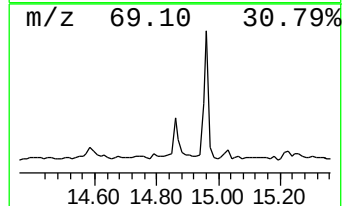
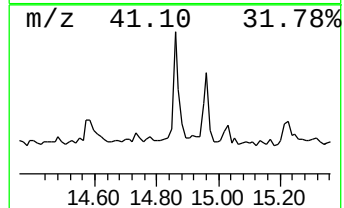
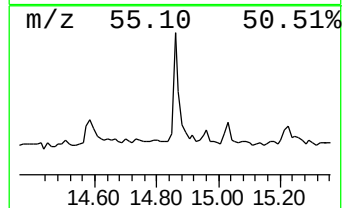
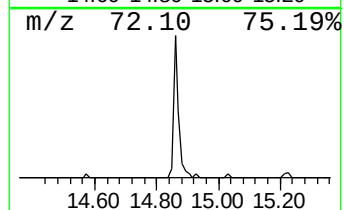
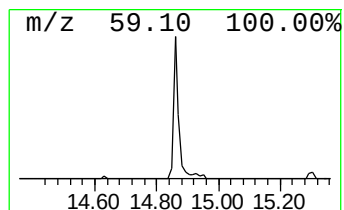
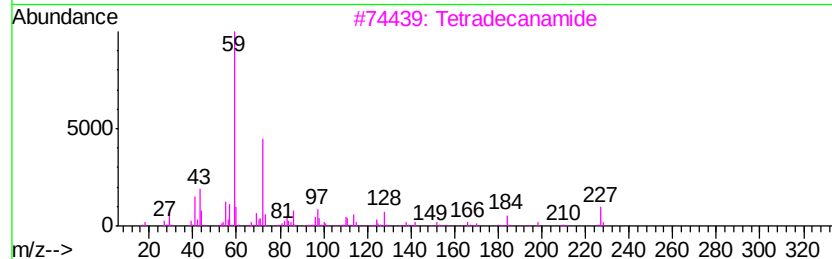
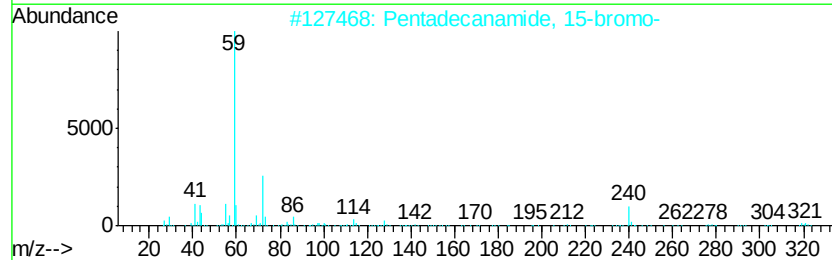
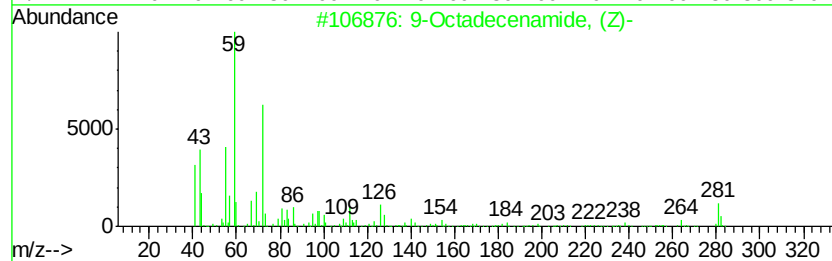
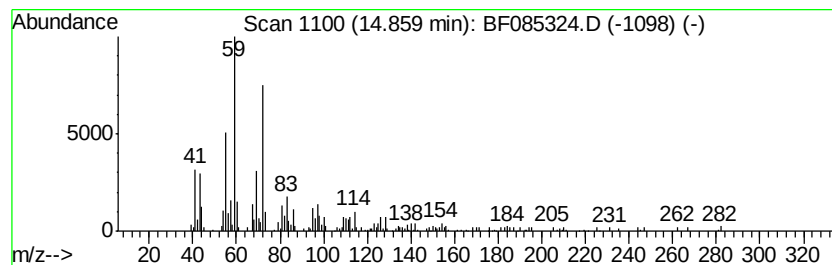
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.20 ng	170569	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
2		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
3		Tetradecanamide	227	C14H29NO	000638-58-4	59
4		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085324.D
Acq On : 10 Mar 2016 3:17
Operator : UM/SJ
Sample : H1722-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-28(0.5-2.5)

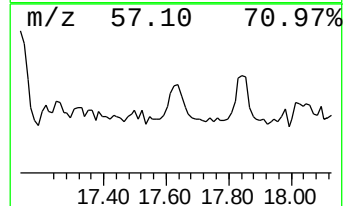
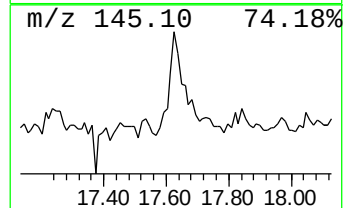
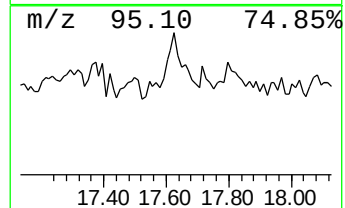
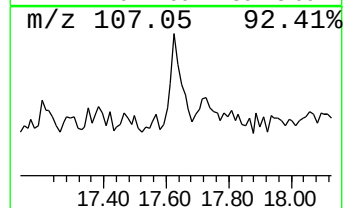
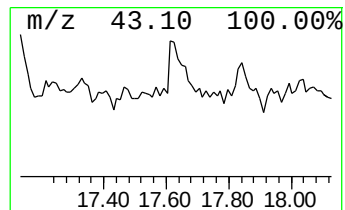
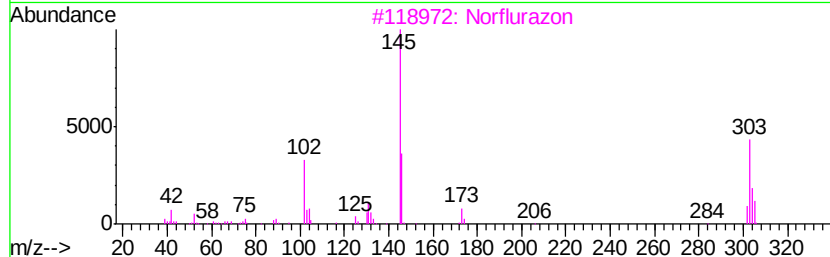
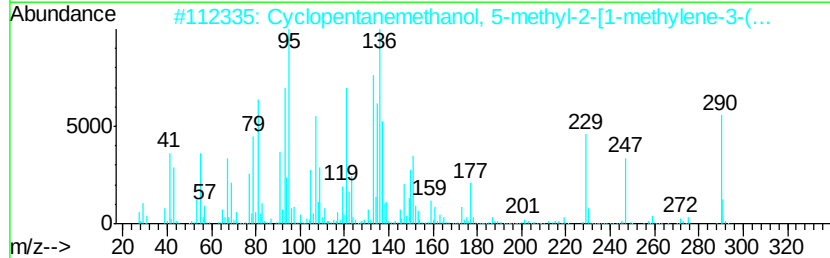
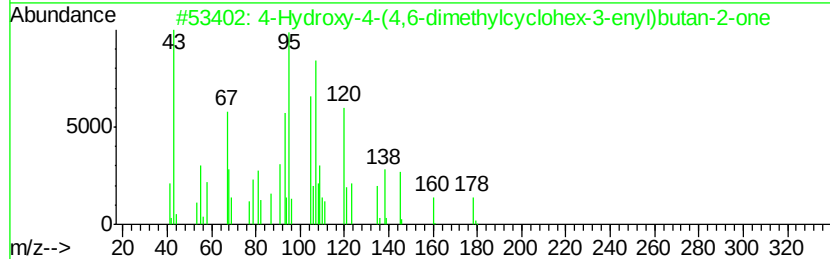
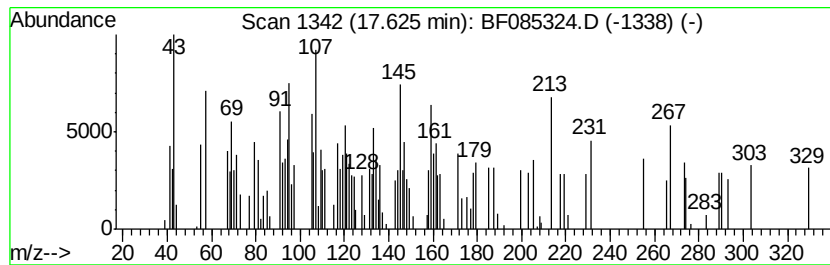
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown17.63 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.75 ng	111860	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxy-4-(4,6-dimethylcyclohe...	196	C12H20O2	002316-79-2	22
2		Cyclopentanemethanol, 5-methyl-2...	290	C20H34O	1000197-19-1	20
3		Norflurazon	303	C12H9ClF3N3O	027314-13-2	11
4		4,7-Ethanoisobenzofuran-1,3-dion...	290	C16H18O5	052918-81-7	11
5		Octanoic acid, hexyl ester	228	C14H28O2	001117-55-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085324.D
 Acq On : 10 Mar 2016 3:17
 Operator : UM/SJ
 Sample : H1722-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-28(0.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
2-Pentanone, 4-hy...	5.16	6.0	ng	311869	1	6.95	1036680	20.0
unknown6.71	6.71	81.1	ng	4203190	1	6.95	1036680	20.0
Hexanoic acid, 2-...	7.59	2.0	ng	148610	2	8.23	1474430	20.0
Tetradecane	10.41	2.4	ng	187378	3	9.99	1537400	20.0
Dodecane	10.89	3.4	ng	273457	4	11.48	1625390	20.0
1-Tetradecene	11.69	5.6	ng	455546	4	11.48	1625390	20.0
n-Hexadecanoic acid	12.00	8.5	ng	691176	4	11.48	1625390	20.0
1-Heptadecanol	12.52	2.2	ng	182373	4	11.48	1625390	20.0
Pentadecanoic acid	12.78	4.9	ng	401075	4	11.48	1625390	20.0
Dichloroacetic ac...	13.96	5.0	ng	324251	5	14.11	1299180	20.0
9-Octadecenamide, ...	14.86	4.2	ng	170569	6	15.57	812401	20.0
unknown17.63	17.63	2.8	ng	111860	6	15.57	812401	20.0