

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085005.D
 Acq On : 10 Feb 2016 20:55
 Operator : SJ/IZ
 Sample : H1409-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B019(0-2)

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-BF020116.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	1.633	3	4	8	rBV	31779	59529	1.67%	0.192%
2	1.701	8	10	12	rVV	129343	149779	4.21%	0.482%
3	1.747	12	14	23	rVB	256198	406191	11.42%	1.307%
4	4.033	212	214	217	rBV	132318	208825	5.87%	0.672%
5	4.764	275	278	281	rBV	2011708	3555623	100.00%	11.443%
6	5.210	315	317	320	rBV	1427960	1329735	37.40%	4.280%
7	6.284	408	411	413	rBV	3185929	3219833	90.56%	10.363%
8	6.387	418	420	423	rVB	1904426	2528693	71.12%	8.138%
9	6.627	438	441	443	rBV	682204	866896	24.38%	2.790%
10	6.776	452	454	457	rVB	2438801	2386472	67.12%	7.681%
11	7.199	488	491	493	rBV	2287362	2455656	69.06%	7.903%
12	7.907	551	553	556	rBV	1093937	1104654	31.07%	3.555%
13	8.993	645	648	650	rBV	3833299	3441789	96.80%	11.077%
14	9.085	650	656	658	rVV	46873	41593	1.17%	0.134%
15	9.393	681	683	685	rBV	646278	560003	15.75%	1.802%
16	9.611	700	702	704	rBV	185121	151961	4.27%	0.489%
17	9.656	704	706	708	rBV	930567	1088056	30.60%	3.502%
18	9.839	718	722	723	rBV	32341	44270	1.25%	0.142%
19	9.931	728	730	732	rVB	46638	39791	1.12%	0.128%
20	10.102	744	745	747	rVB	149315	170806	4.80%	0.550%
21	10.331	762	765	768	rBV	68553	123637	3.48%	0.398%
22	10.445	773	775	778	rVV	565942	504874	14.20%	1.625%
23	10.582	785	787	791	rBV	188069	272984	7.68%	0.879%
24	10.776	801	804	808	rVB	27672	58725	1.65%	0.189%
25	11.028	824	826	827	rBV	100591	102986	2.90%	0.331%
26	11.051	827	828	831	rVB	32739	40151	1.13%	0.129%
27	11.142	833	836	837	rVV	774160	988919	27.81%	3.183%
28	11.211	839	842	844	rVB	50824	59635	1.68%	0.192%
29	11.451	861	863	866	rVB	46192	42030	1.18%	0.135%
30	11.748	887	889	894	rVB2	34866	53596	1.51%	0.172%
31	12.194	924	928	931	rBV5	12732	37480	1.05%	0.121%
32	12.342	939	941	943	rBV	210724	181898	5.12%	0.585%
33	12.571	957	961	963	rBV	162214	185304	5.21%	0.596%
34	12.719	972	974	977	rVB	1685993	2219280	62.42%	7.142%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.971	992	996	997	rBV2	31421	49090	1.38%	0.158%
36	13.314	1022	1026	1030	rBV3	17315	47966	1.35%	0.154%
37	13.634	1051	1054	1057	rBV2	176939	244248	6.87%	0.786%
38	13.771	1063	1066	1067	rBV	703596	910354	25.60%	2.930%
39	13.794	1067	1068	1070	rVB	59263	42805	1.20%	0.138%
40	13.954	1080	1082	1085	rBV4	19474	39194	1.10%	0.126%
41	14.262	1107	1109	1115	rVB3	30121	58110	1.63%	0.187%
42	14.617	1138	1140	1142	rBV	101382	99490	2.80%	0.320%
43	14.765	1150	1153	1156	rBV	60668	119133	3.35%	0.383%
44	15.017	1173	1175	1178	rVB	29670	39571	1.11%	0.127%
45	15.074	1178	1180	1182	rBV	51741	62896	1.77%	0.202%
46	15.131	1182	1185	1188	rBV	579980	677295	19.05%	2.180%

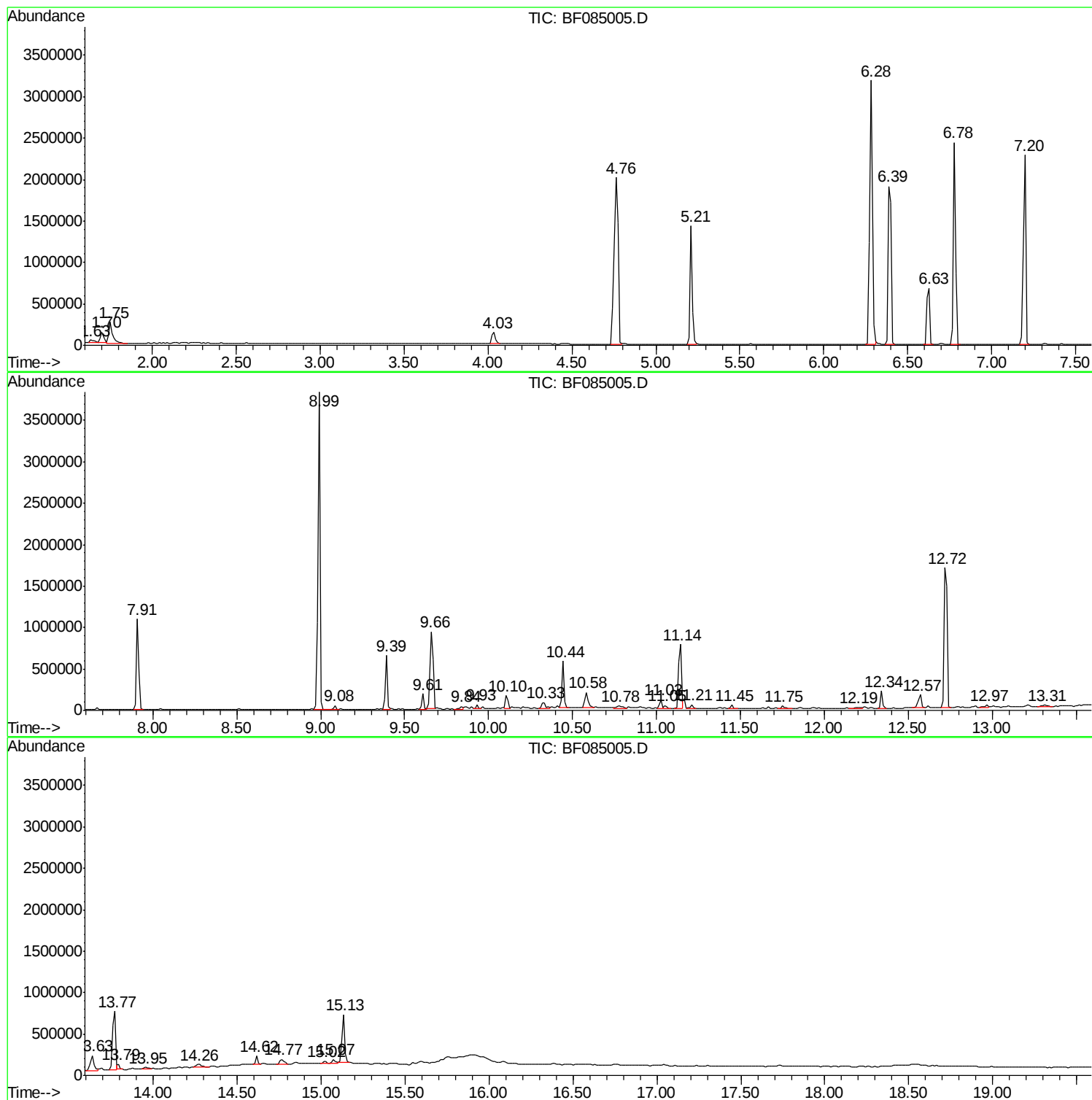
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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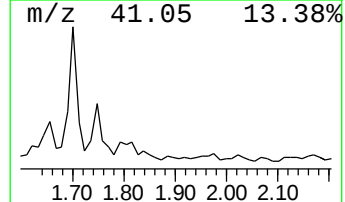
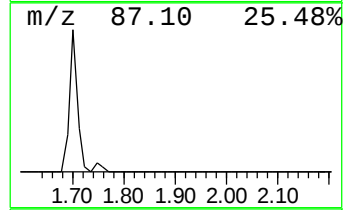
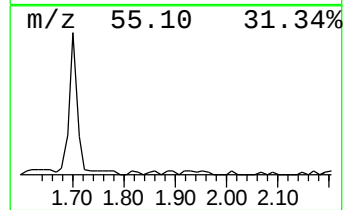
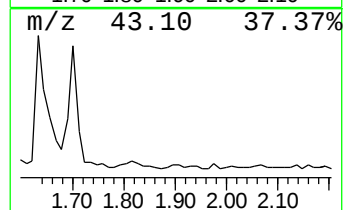
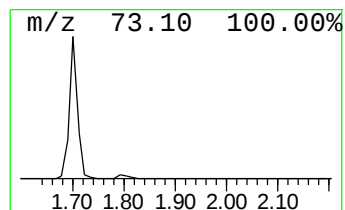
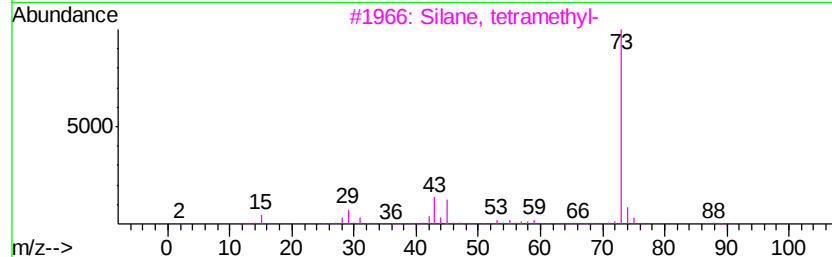
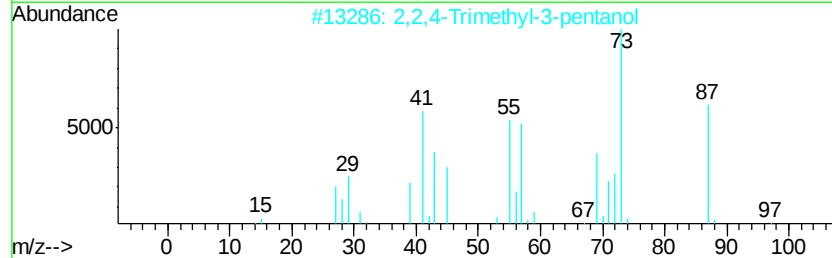
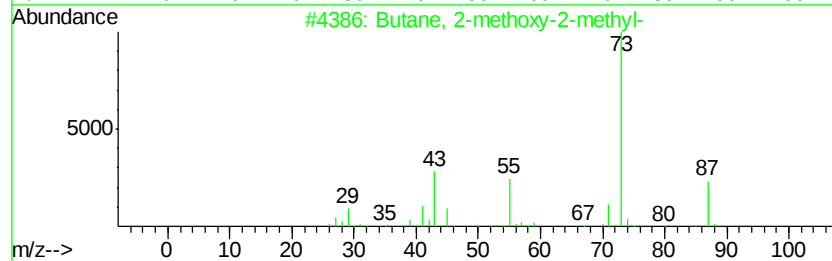
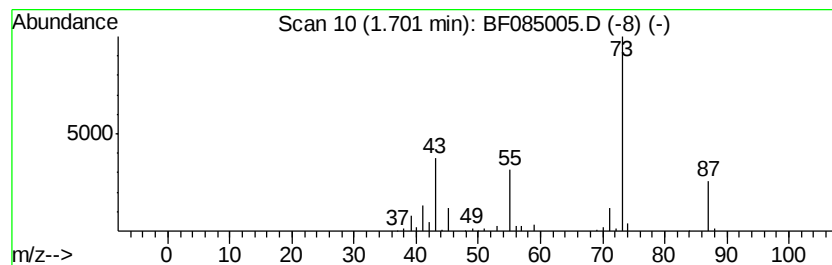
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.70	3.46 ng	149779	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5			Boronic acid, ethyl-, dimethyl e...	102	C4H11B02	007318-82-3	10



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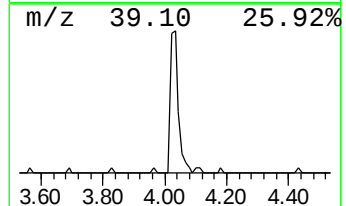
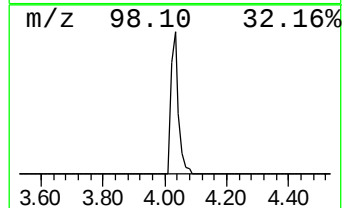
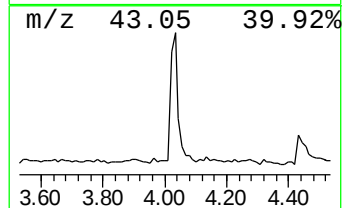
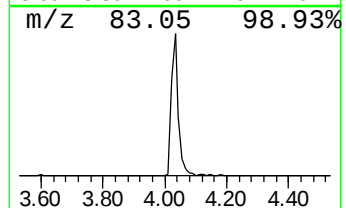
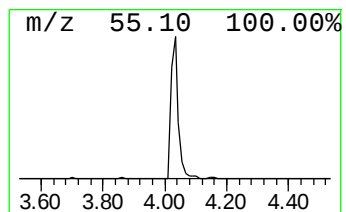
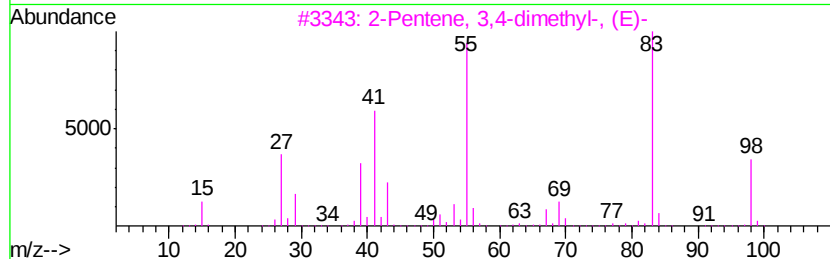
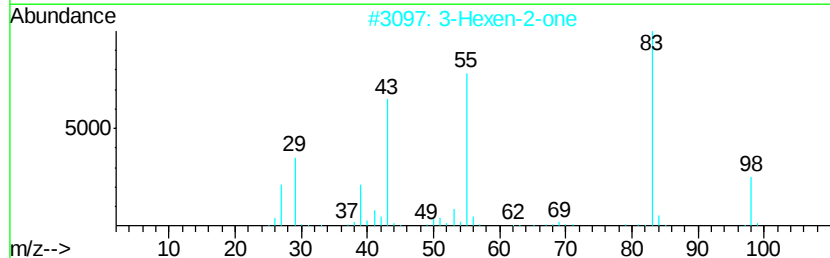
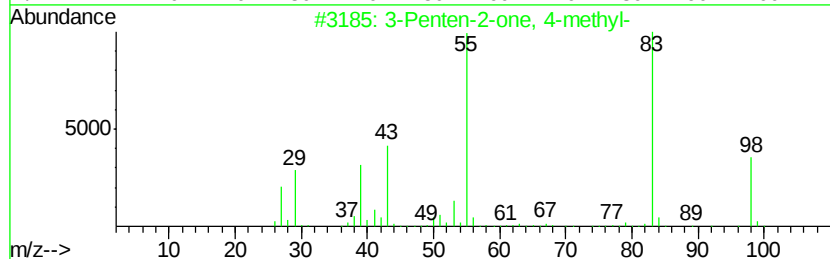
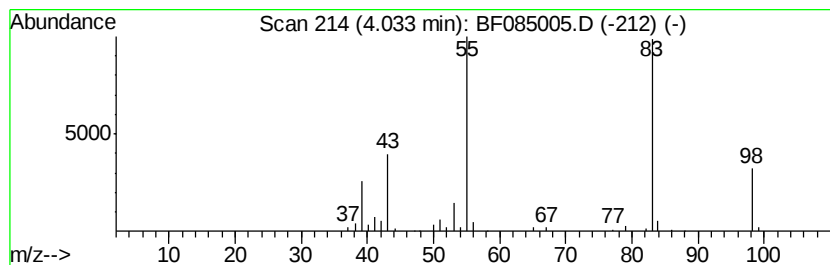
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TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	4.82 ng	208825	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86



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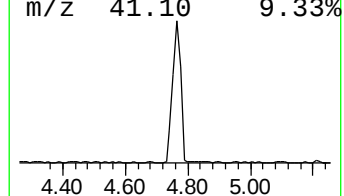
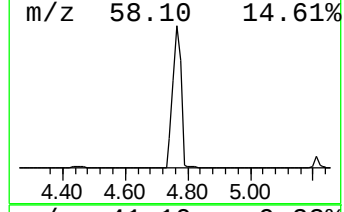
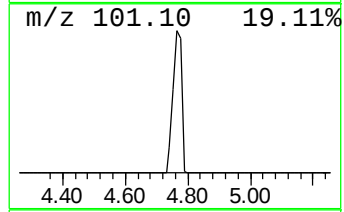
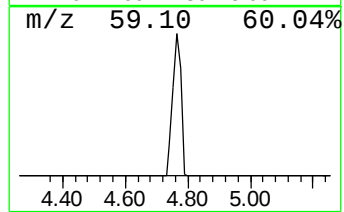
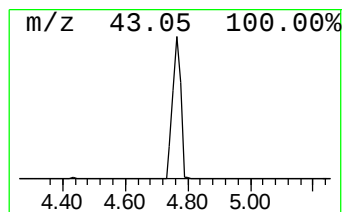
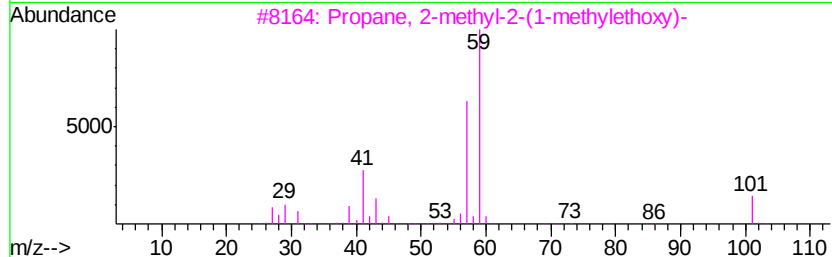
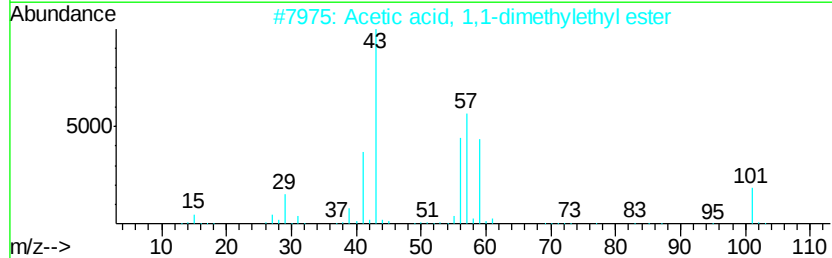
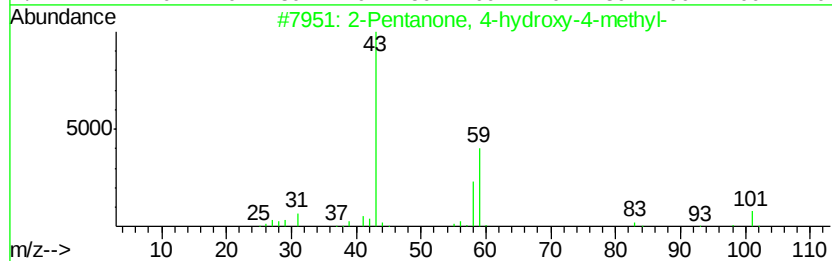
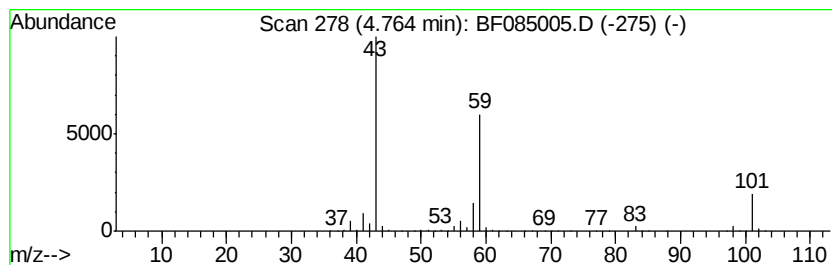
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	82.03 ng	3555620	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
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		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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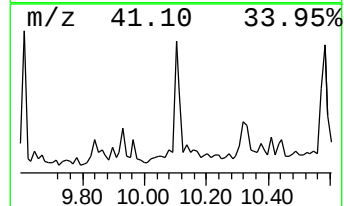
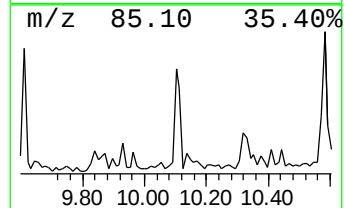
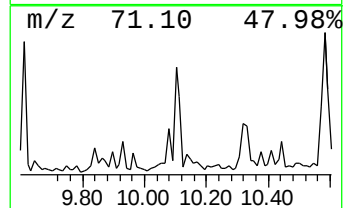
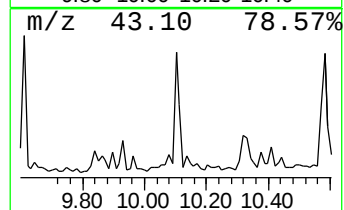
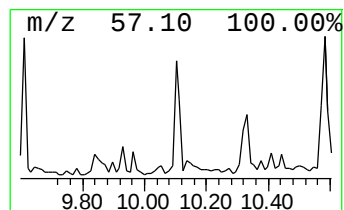
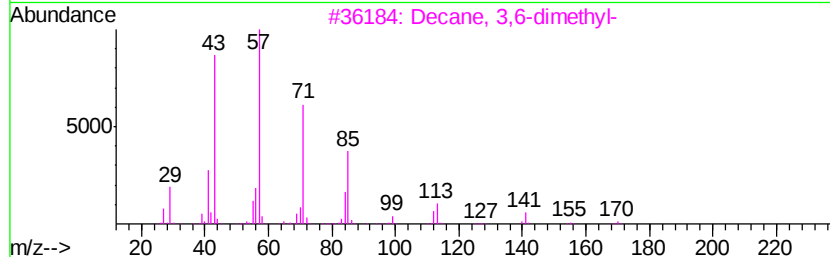
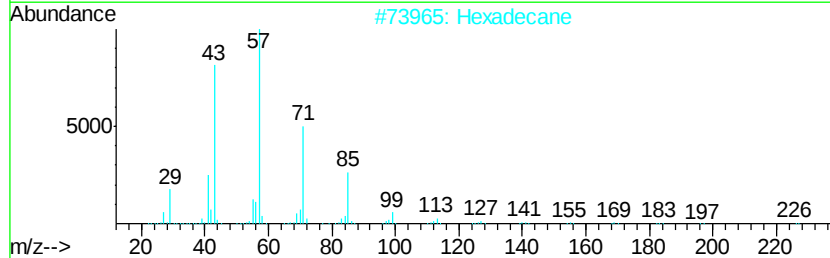
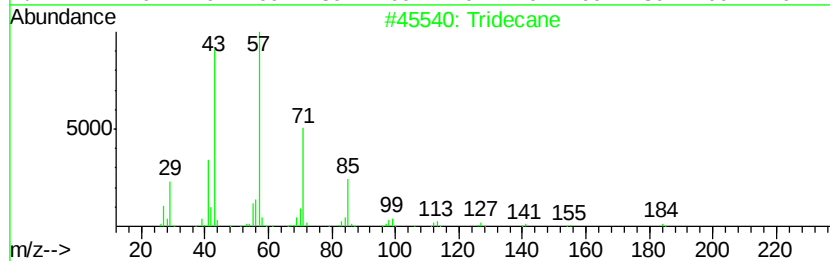
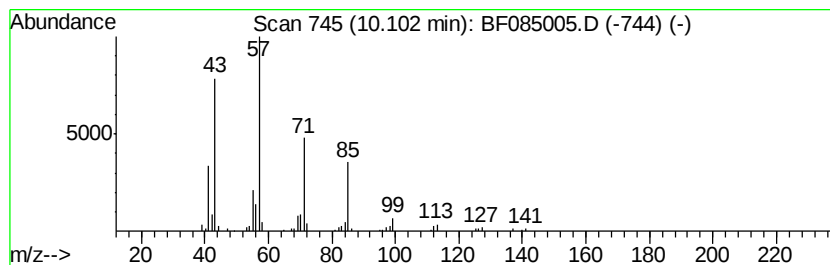
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.10	3.14 ng	170806	Acenaphthene-d10		9.66
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72



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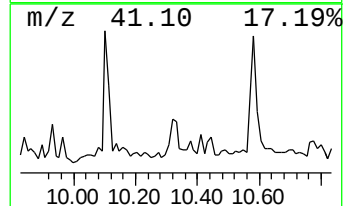
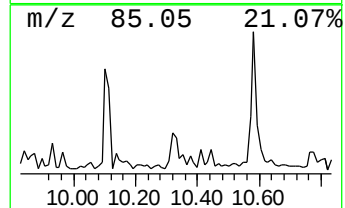
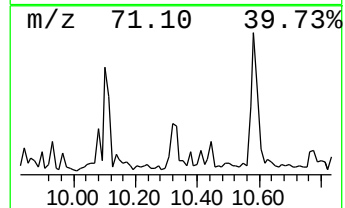
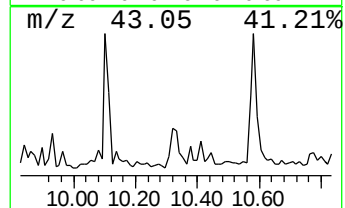
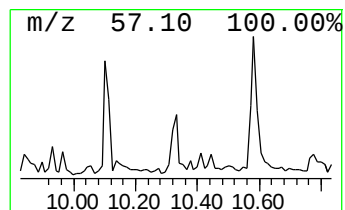
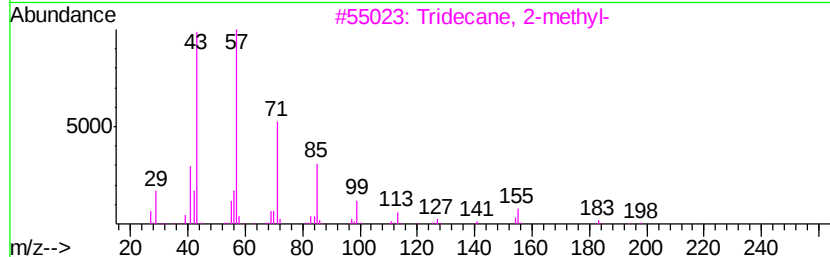
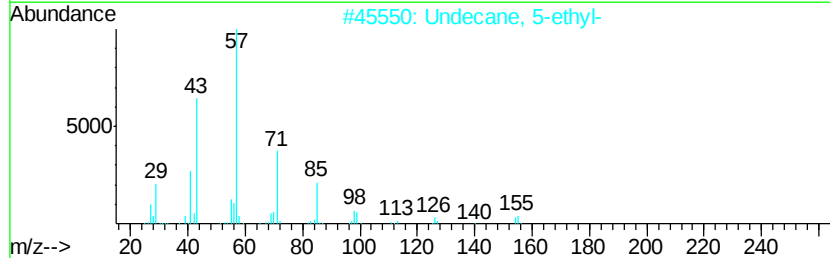
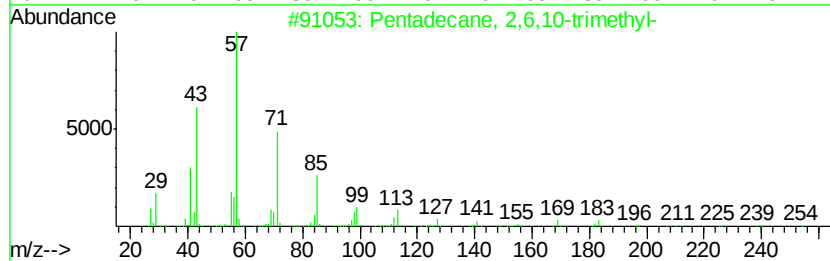
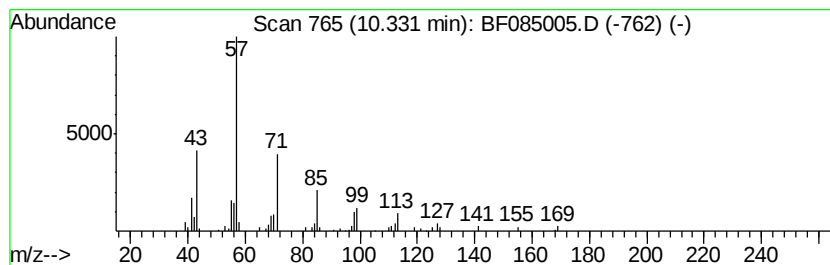
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ClientSampleId :
SUP-B019(0-2)

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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 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.27 ng	123637	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	83
2	Undecane, 5-ethyl-	184 C13H28	017453-94-0	78
3	Tridecane, 2-methyl-	198 C14H30	001560-96-9	59
4	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	59
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085005.D
Acq On : 10 Feb 2016 20:55
Operator : SJ/IZ
Sample : H1409-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B019(0-2)

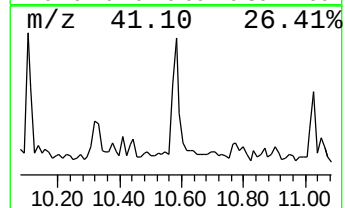
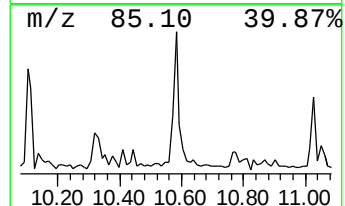
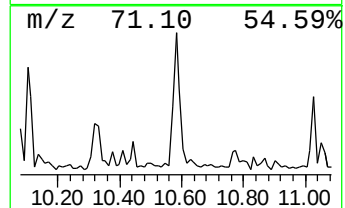
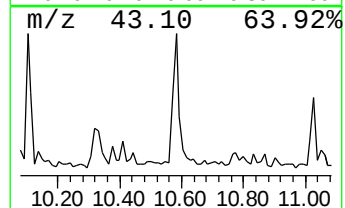
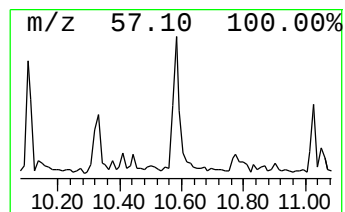
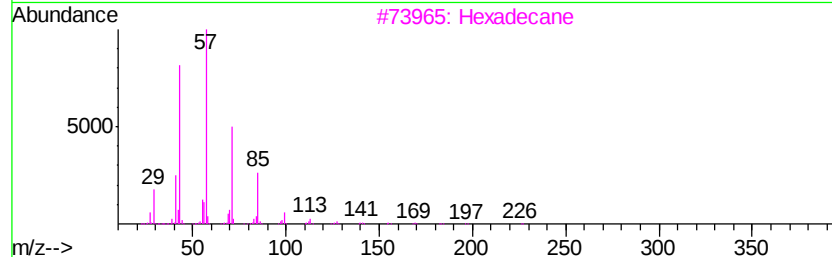
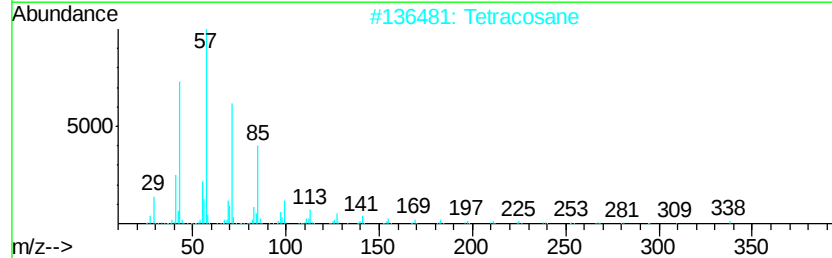
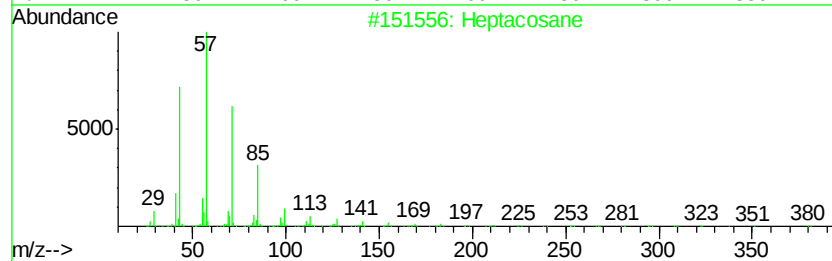
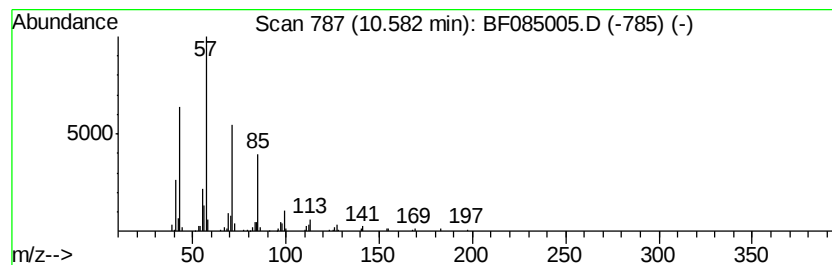
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	5.52 ng	272984	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085005.D
Acq On : 10 Feb 2016 20:55
Operator : SJ/IZ
Sample : H1409-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B019(0-2)

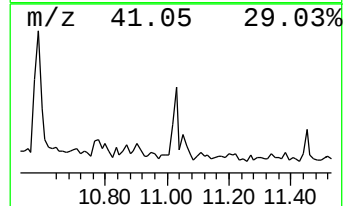
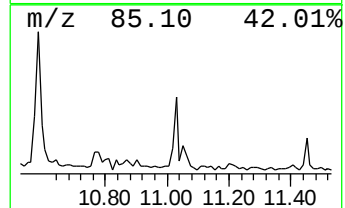
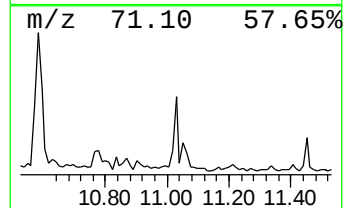
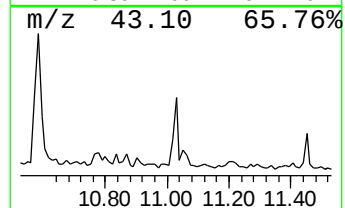
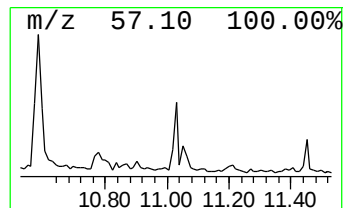
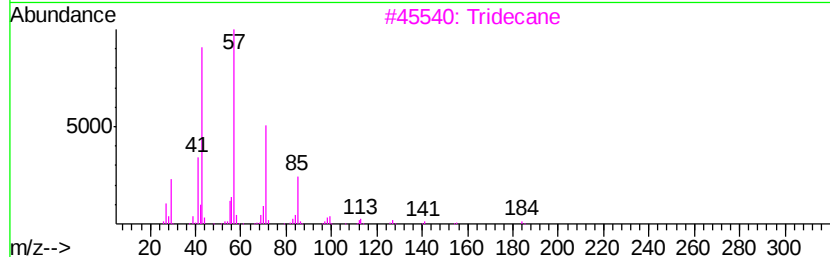
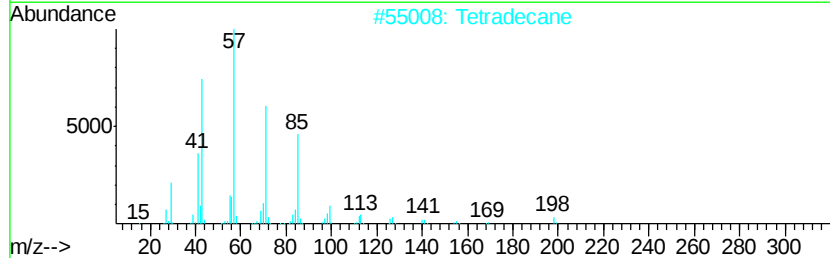
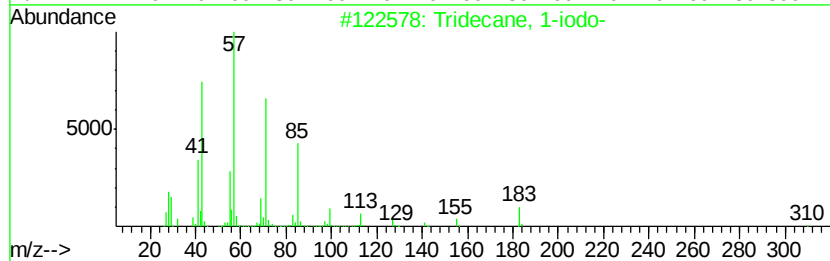
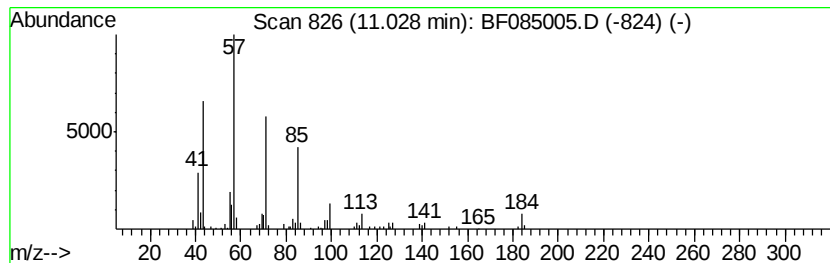
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.08 ng	102986	Phenanthrene-d10	11.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Tridecane	184	C13H28	000629-50-5	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085005.D
Acq On : 10 Feb 2016 20:55
Operator : SJ/IZ
Sample : H1409-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

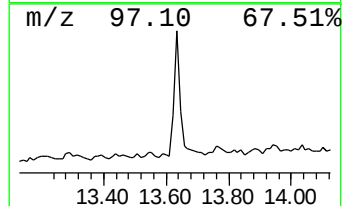
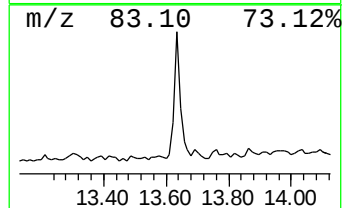
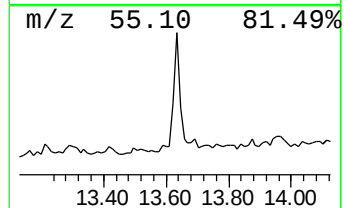
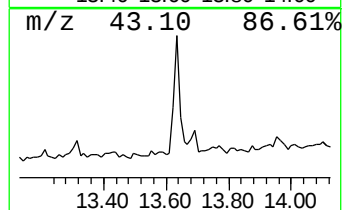
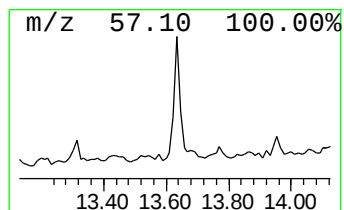
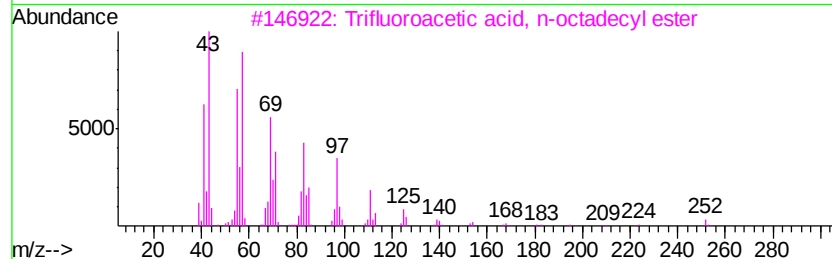
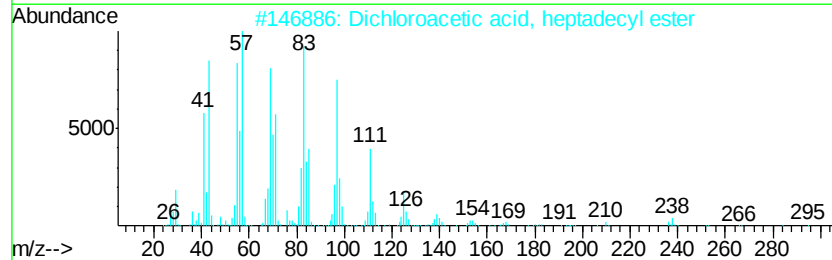
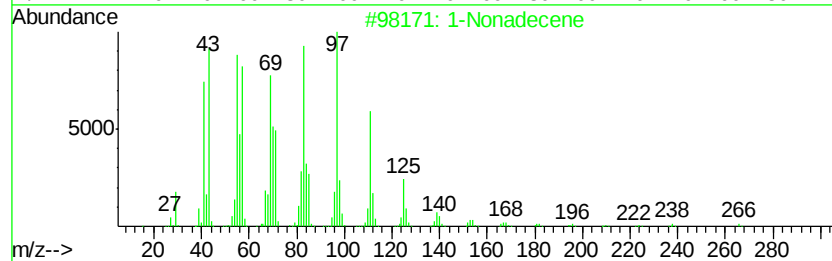
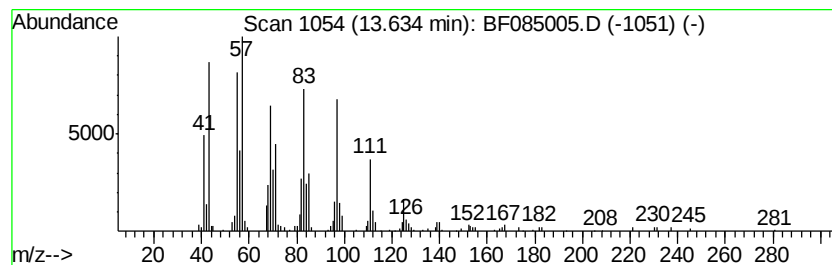
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.63	5.37 ng	244248	Chrysene-d12	13.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085005.D
Acq On : 10 Feb 2016 20:55
Operator : SJ/IZ
Sample : H1409-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

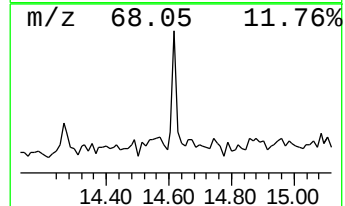
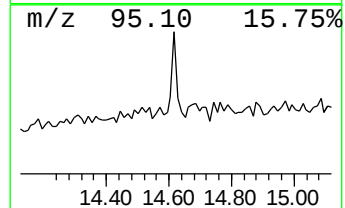
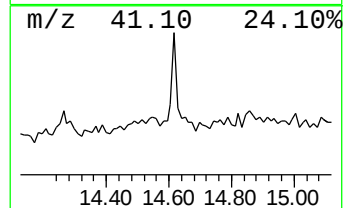
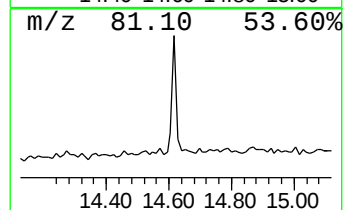
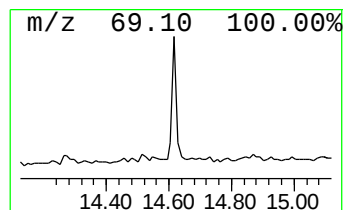
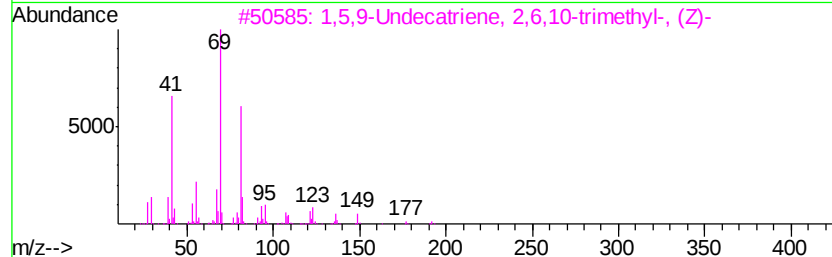
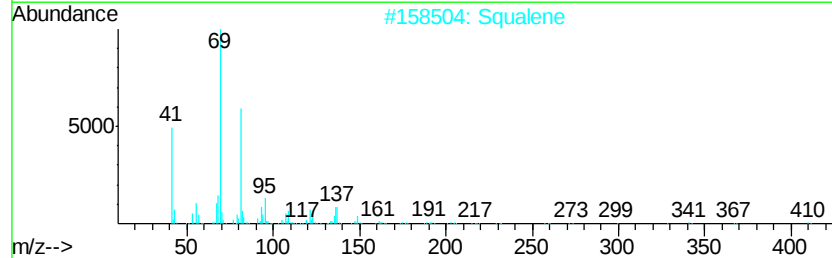
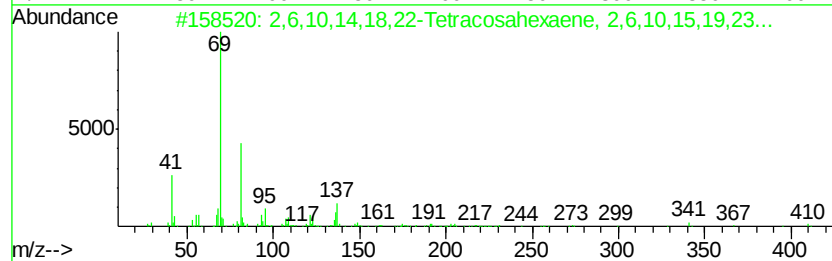
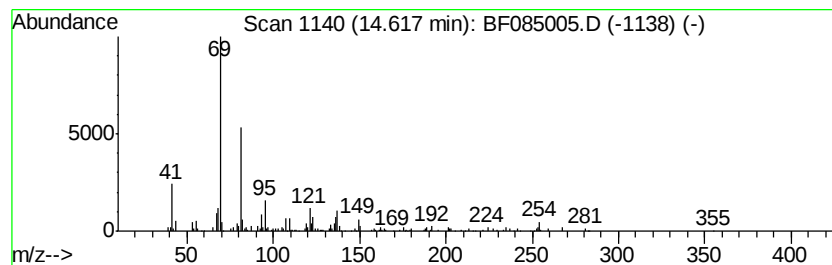
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.94 ng	99490	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	83
2	Squalene	410 C30H50	007683-64-9	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	76
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	64
5	Docosa-2,6,10,14,18-pentaen-22-a...	384 C27H44O	1000163-04-7	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085005.D
Acq On : 10 Feb 2016 20:55
Operator : SJ/IZ
Sample : H1409-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SUP-B019(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
Butane, 2-methoxy...	1.70	3.5	ng	149779	1	6.63	866896	20.0
3-Penten-2-one, 4...	4.03	4.8	ng	208825	1	6.63	866896	20.0
2-Pentanone, 4-hy...	4.76	82.0	ng	3555620	1	6.63	866896	20.0
Tridecane	10.10	3.1	ng	170806	3	9.66	1088060	20.0
Pentadecane, 2,6,...	10.33	2.3	ng	123637	3	9.66	1088060	20.0
Heptacosane	10.58	5.5	ng	272984	4	11.14	988919	20.0
Tridecane, 1-iodo-	11.03	2.1	ng	102986	4	11.14	988919	20.0
1-Nonadecene	13.63	5.4	ng	244248	5	13.77	910354	20.0
2,6,10,14,18,22-T...	14.62	2.9	ng	99490	6	15.13	677295	20.0