

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085187.D
 Acq On : 4 Mar 2016 5:36
 Operator : SJ/UM
 Sample : H1663-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40(10-12)

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	3.990	148	149	151	rVB2	63608	43838	1.22%	0.130%
2	5.190	251	254	262	rBV	681525	941742	26.13%	2.797%
3	5.590	286	289	291	rBV	3401135	3492743	96.89%	10.375%
4	6.607	374	378	380	rBV	2371835	3559574	98.75%	10.573%
5	6.744	387	390	393	rBV	3457038	3304606	91.67%	9.816%
6	6.984	408	411	413	rVB	703887	925406	25.67%	2.749%
7	7.133	422	424	427	rVB	2630588	2696098	74.79%	8.008%
8	7.544	457	460	462	rBV	2182316	2458651	68.21%	7.303%
9	8.265	520	523	525	rBV	1555763	1292167	35.85%	3.838%
10	9.339	614	617	620	rBV	3806501	3604719	100.00%	10.707%
11	9.419	622	624	626	rVV2	102443	98662	2.74%	0.293%
12	9.670	643	646	649	rBV5	17914	45654	1.27%	0.136%
13	9.727	649	651	653	rBV	405010	355615	9.87%	1.056%
14	9.888	663	665	666	rBV	35405	36813	1.02%	0.109%
15	9.945	668	670	673	rVV	109168	125829	3.49%	0.374%
16	10.025	674	677	679	rVB	1060982	1285354	35.66%	3.818%
17	10.185	688	691	692	rBV	32199	48857	1.36%	0.145%
18	10.448	711	714	715	rBV	199858	212965	5.91%	0.633%
19	10.482	715	717	721	rVB3	35823	63719	1.77%	0.189%
20	10.665	730	733	737	rBV	53854	111679	3.10%	0.332%
21	10.802	743	745	748	rBV2	1482281	1820234	50.50%	5.407%
22	10.916	753	755	761	rVV	154907	247871	6.88%	0.736%
23	11.362	792	794	796	rBV	45426	79912	2.22%	0.237%
24	11.499	804	806	809	rBV	816352	1067802	29.62%	3.172%
25	11.568	809	812	814	rVB3	24791	52107	1.45%	0.155%
26	11.671	819	821	823	rBV2	47068	63708	1.77%	0.189%
27	11.853	836	837	839	rBV	49118	44321	1.23%	0.132%
28	12.025	850	852	854	rBV	137592	161777	4.49%	0.481%
29	12.333	877	879	883	rBV3	47316	70782	1.96%	0.210%
30	13.088	942	945	948	rBV	2839134	2588896	71.82%	7.690%
31	13.979	1021	1023	1030	rBV	344688	458327	12.71%	1.361%
32	14.139	1035	1037	1040	rVB	840602	793396	22.01%	2.357%
33	15.614	1164	1166	1172	rVB	583263	854872	23.72%	2.539%
34	16.334	1227	1229	1239	rVB	145289	370282	10.27%	1.100%

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ClientSampleId :
SB-40(10-12)

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Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	16.780	1265	1268	1273	rVB	144922	286707	7.95%	0.852%
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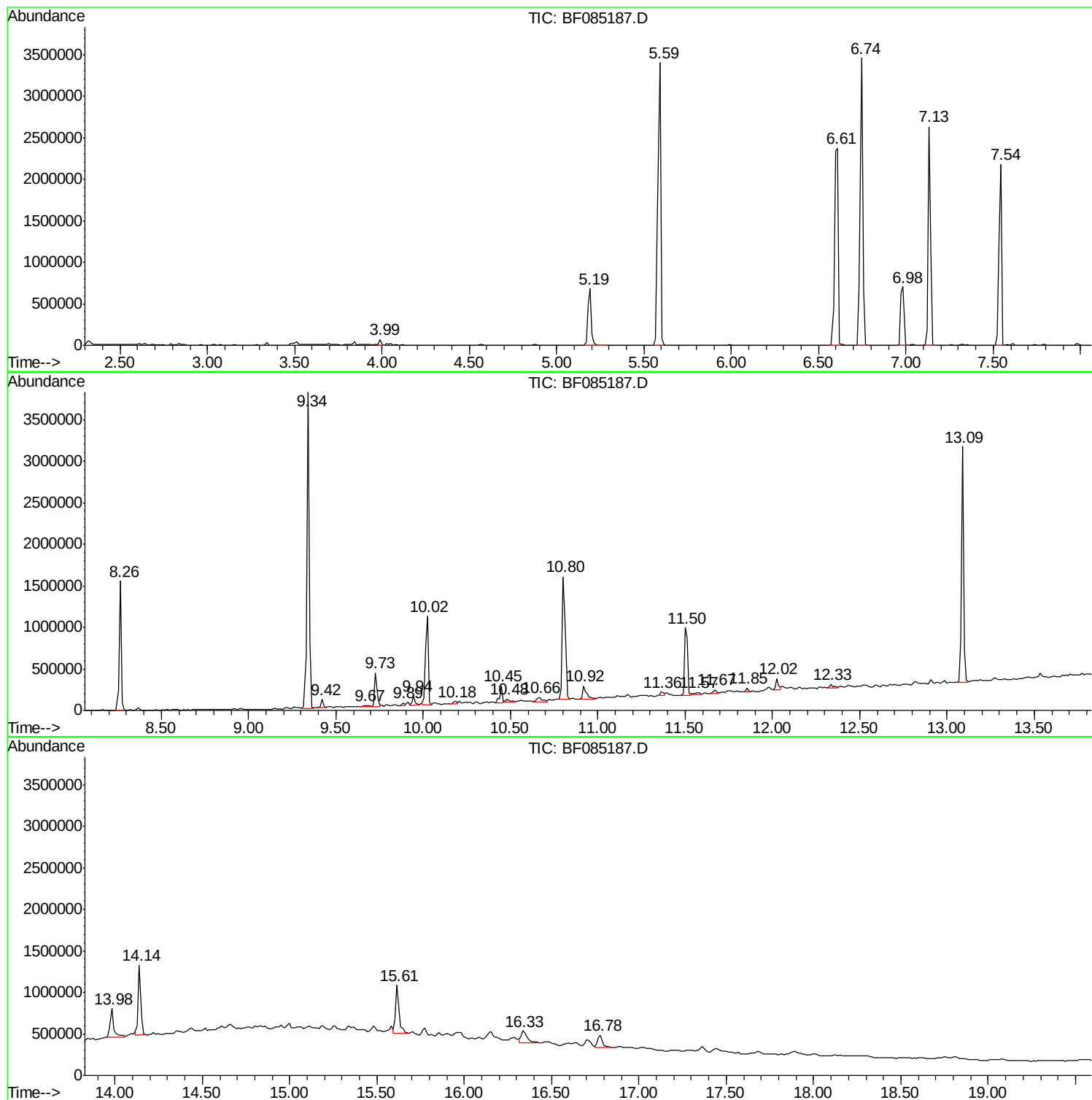
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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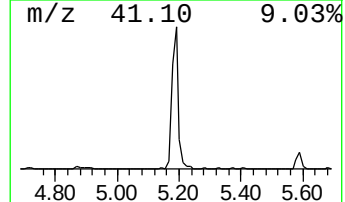
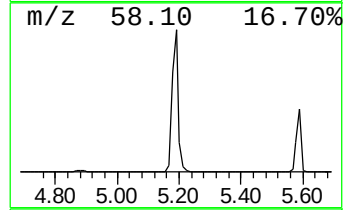
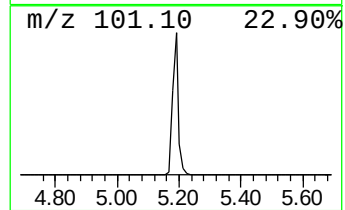
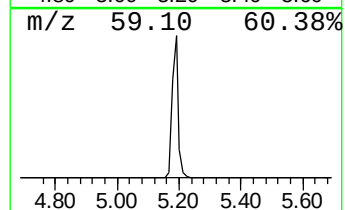
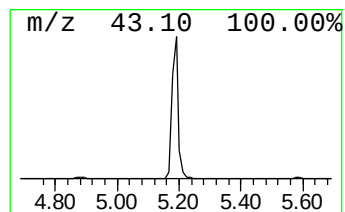
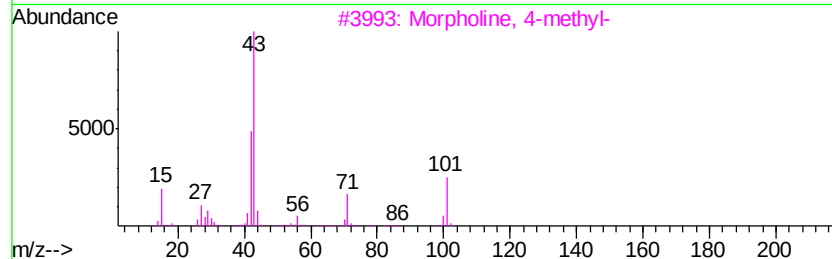
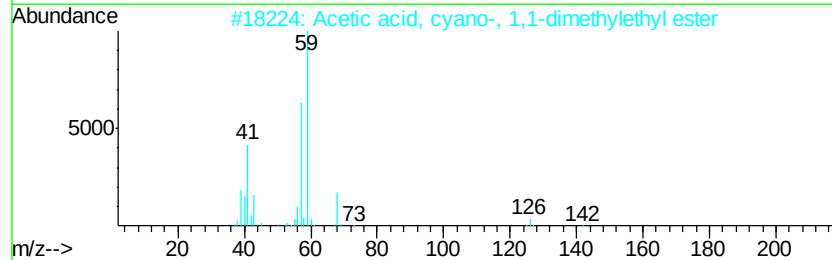
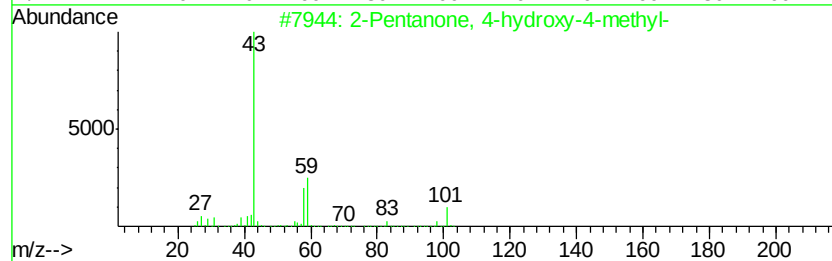
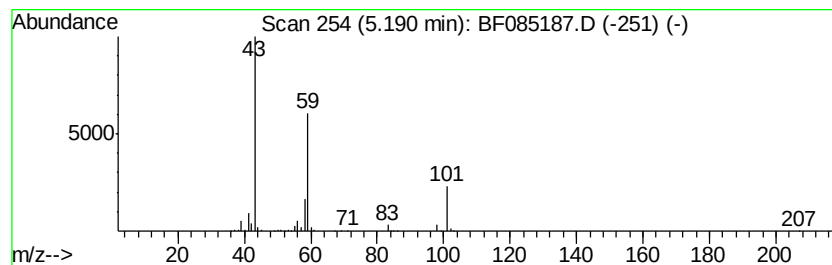
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	20.35 ng	941742	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Acetone	58	C3H6O	000067-64-1	9



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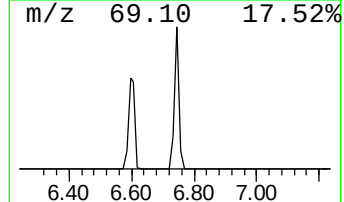
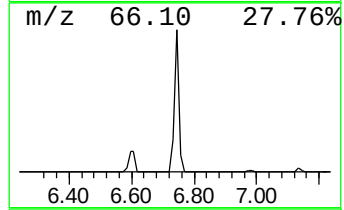
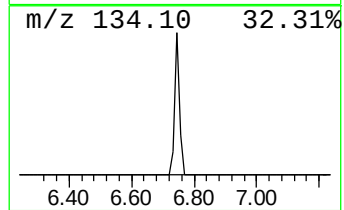
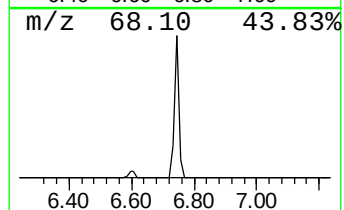
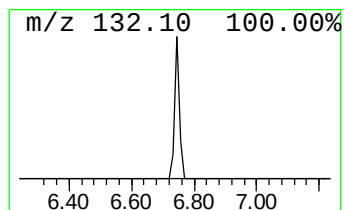
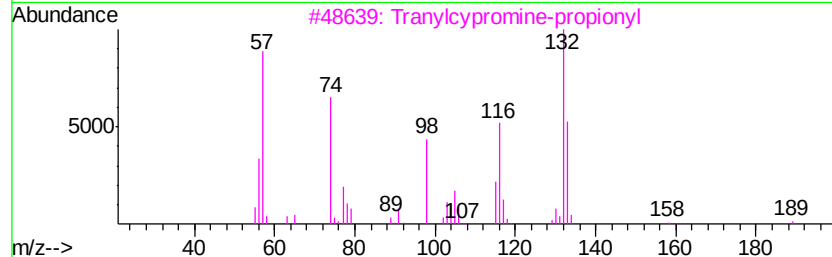
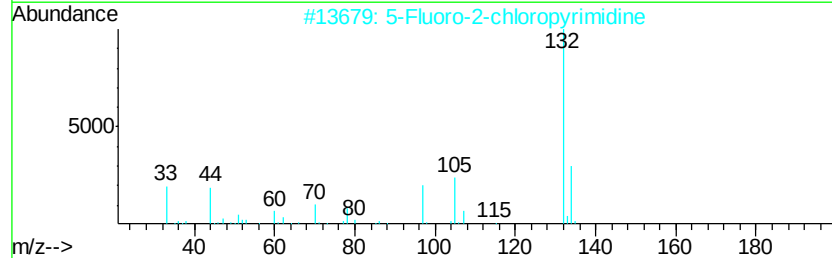
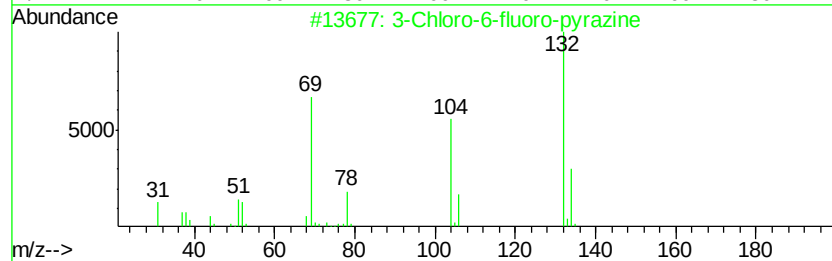
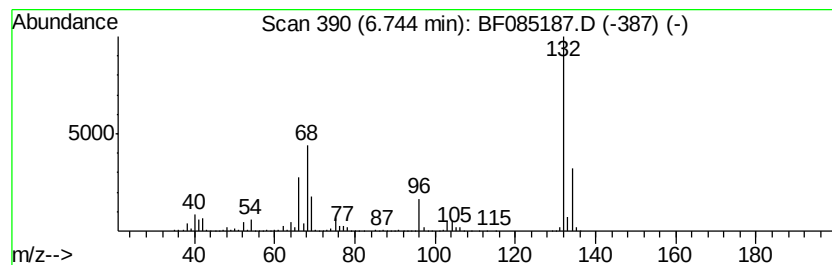
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Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	71.42 ng	3304610	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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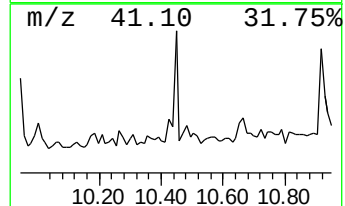
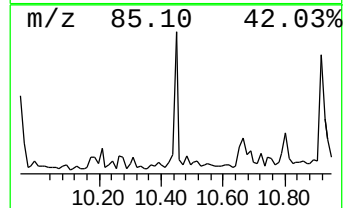
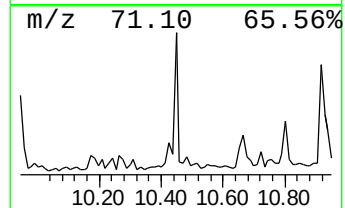
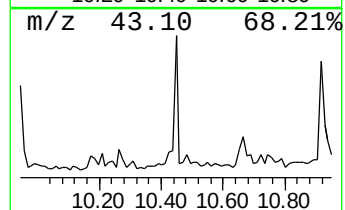
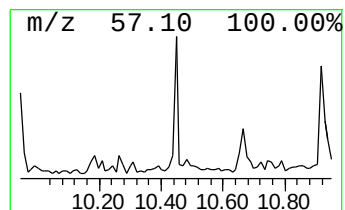
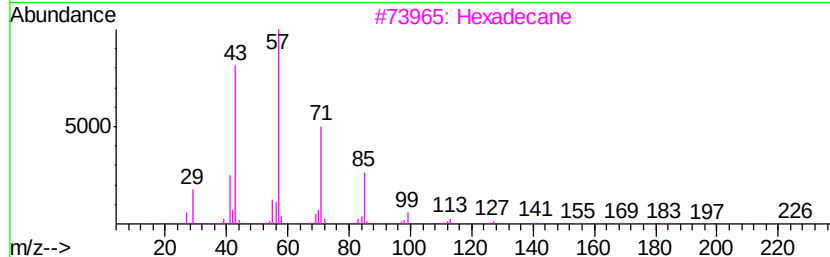
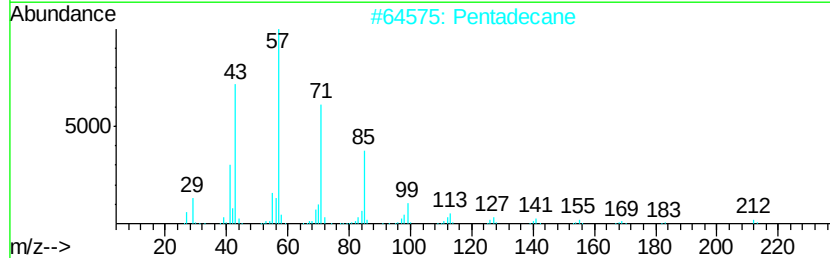
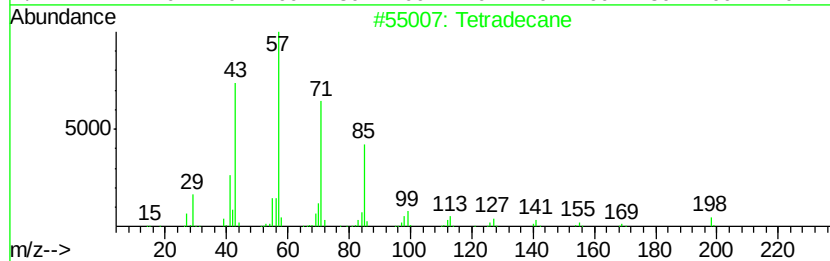
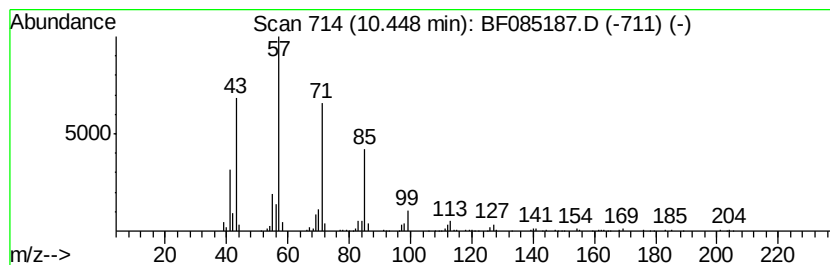
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.31 ng	212965	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Pentadecane	212 C15H32	000629-62-9 90
3		Hexadecane	226 C16H34	000544-76-3 90
4		Eicosane	282 C20H42	000112-95-8 74
5		Silane, trichlorooctadecyl-	386 C18H37Cl3Si	000112-04-9 72



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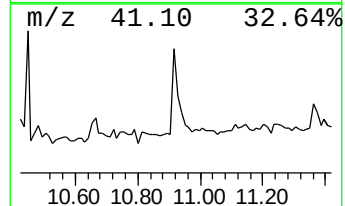
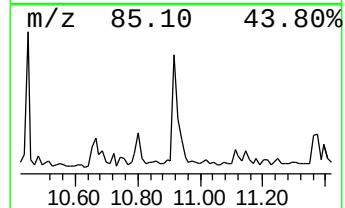
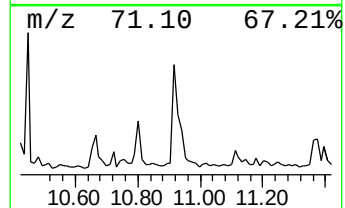
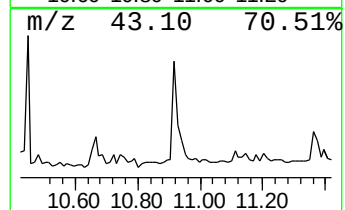
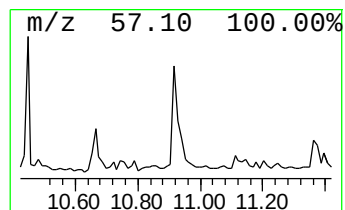
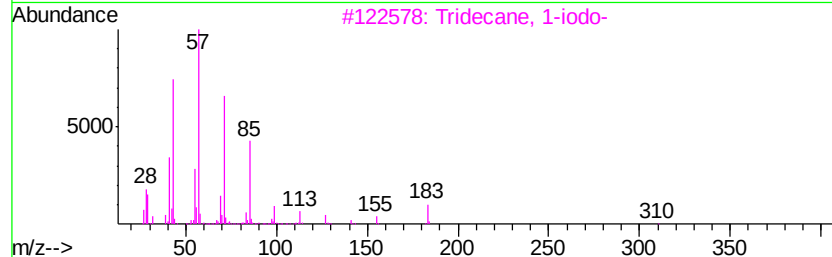
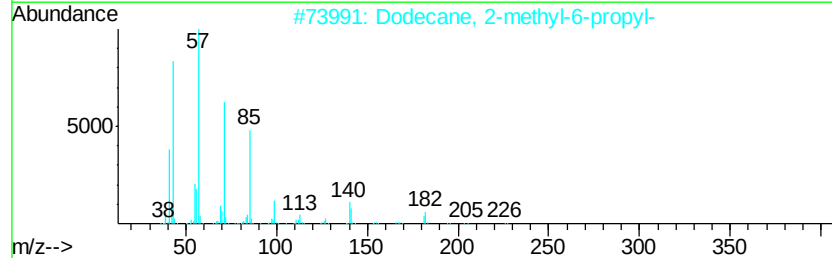
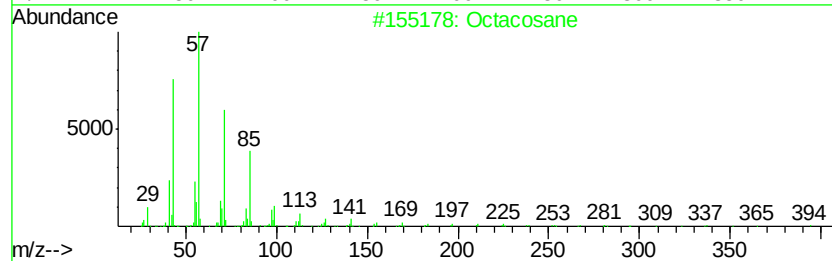
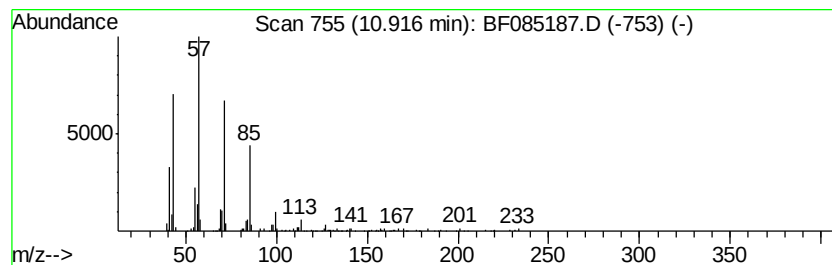
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	4.64 ng	247871	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	83
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	80



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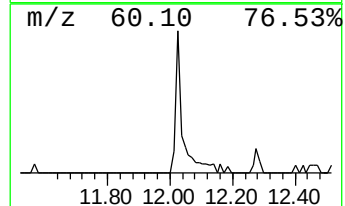
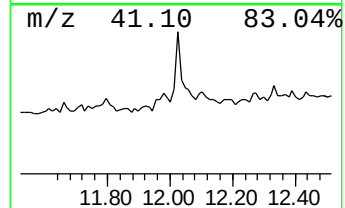
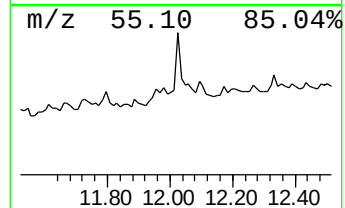
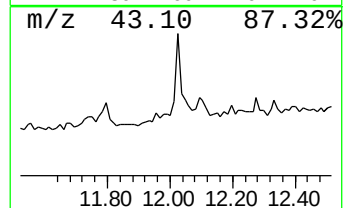
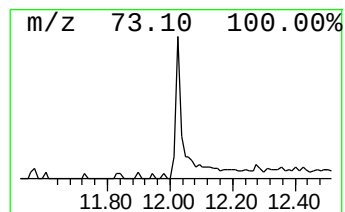
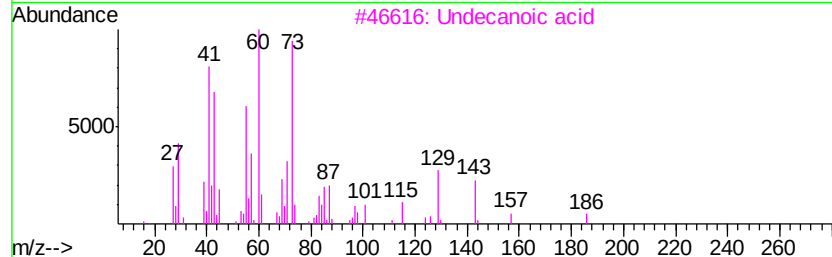
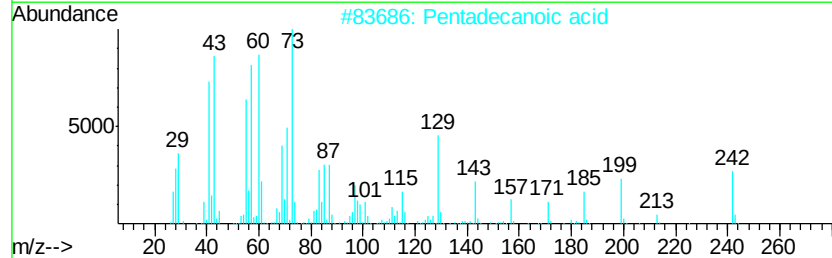
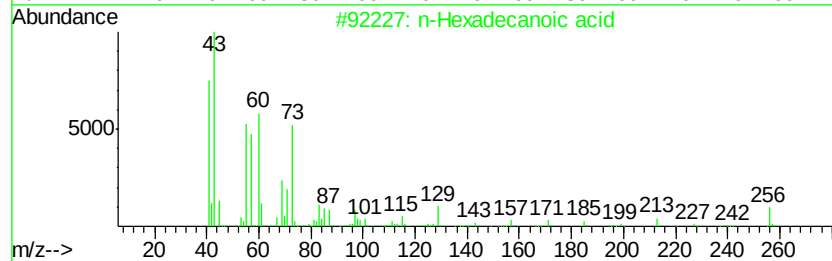
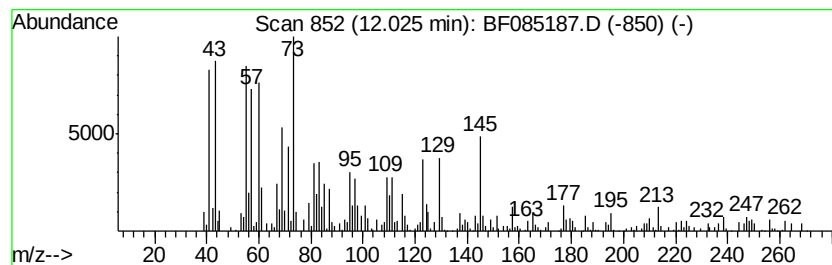
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.02	3.03 ng	161777	Phenanthrene-d10		11.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
3	Undecanoic acid	186	C11H22O2	000112-37-8	45
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38



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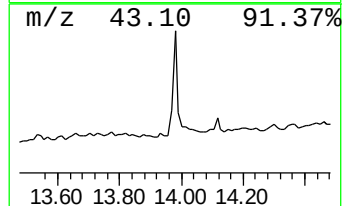
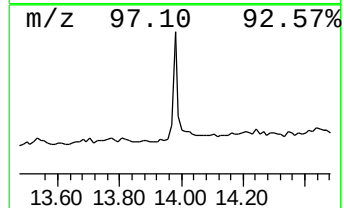
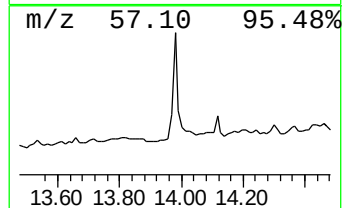
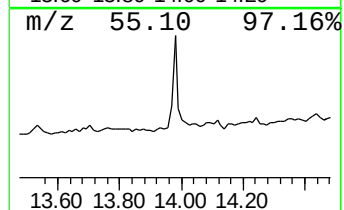
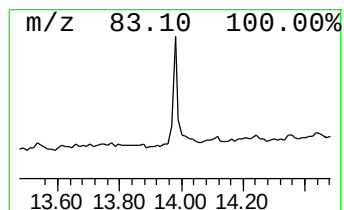
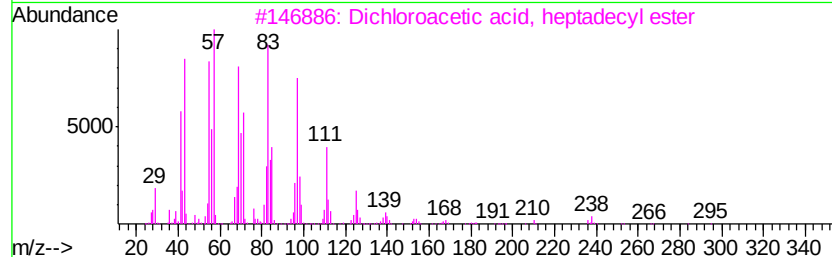
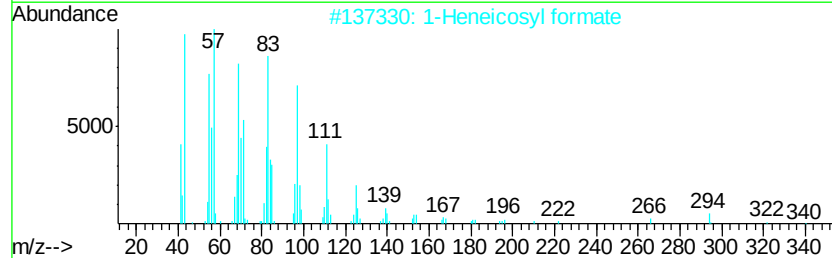
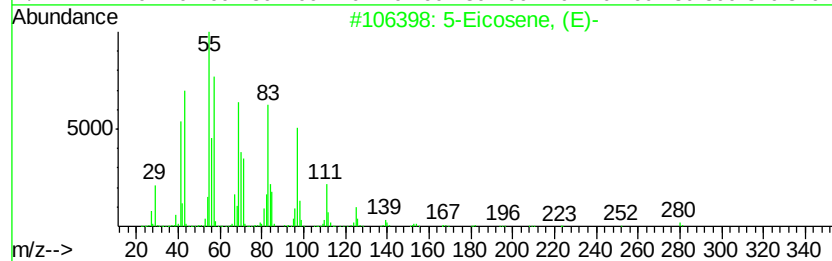
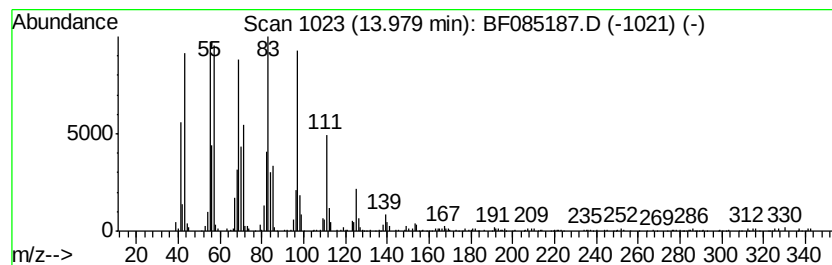
Instrument :
BNA_F
ClientSampleId :
SB-40(10-12)

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.98	11.55 ng	458327	Chrysene-d12	14.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085187.D
Acq On : 4 Mar 2016 5:36
Operator : SJ/UM
Sample : H1663-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40(10-12)

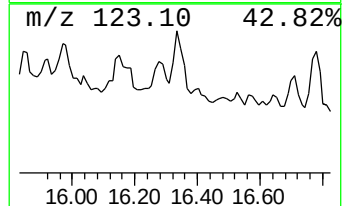
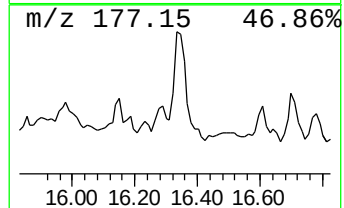
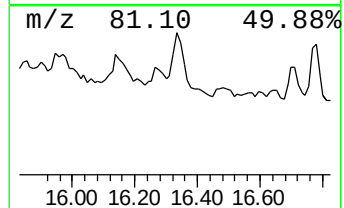
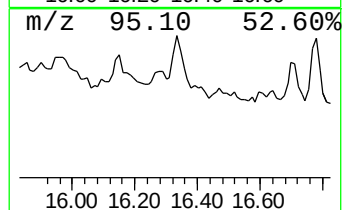
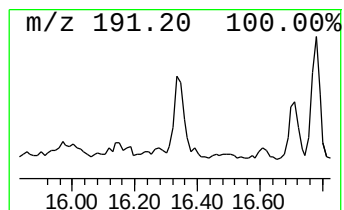
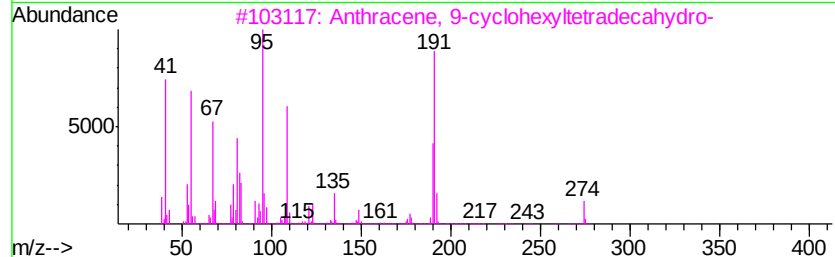
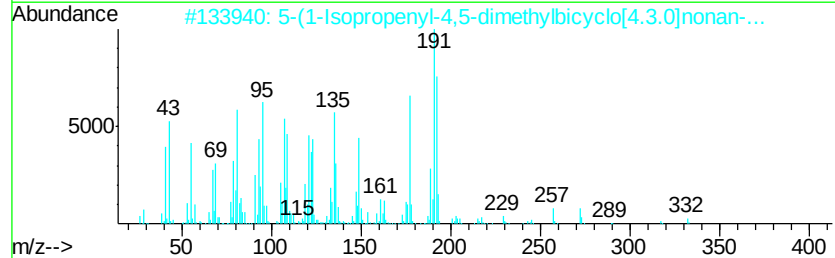
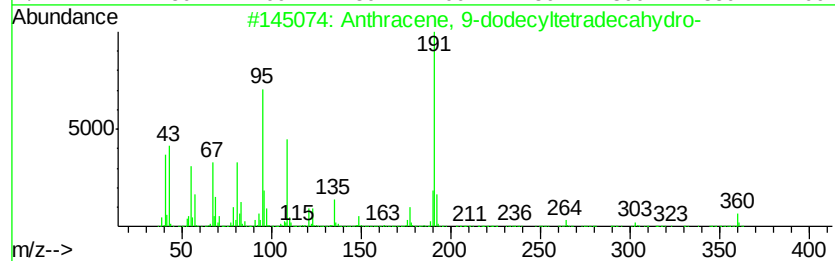
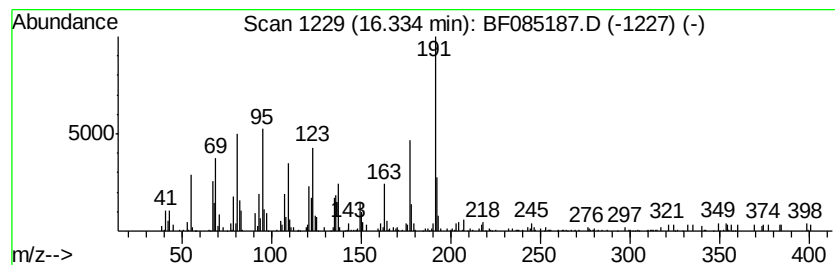
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	8.66 ng	370282	Perylene-d12	15.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	45
2		5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	38
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
4		1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	32
5		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085187.D
Acq On : 4 Mar 2016 5:36
Operator : SJ/UM
Sample : H1663-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

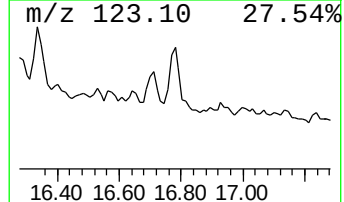
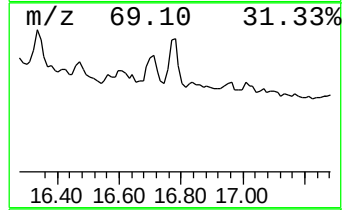
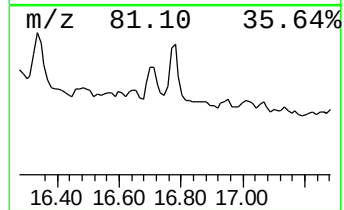
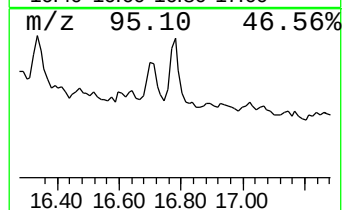
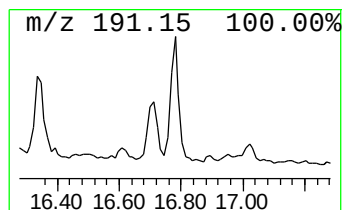
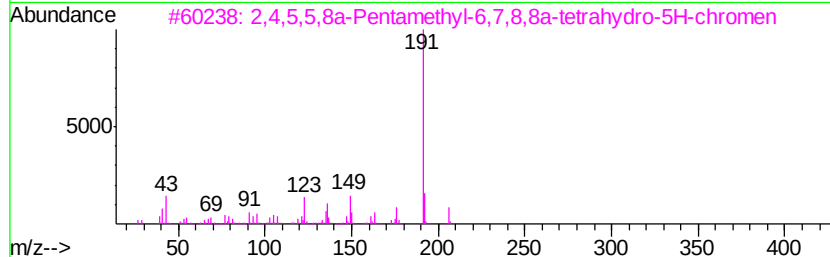
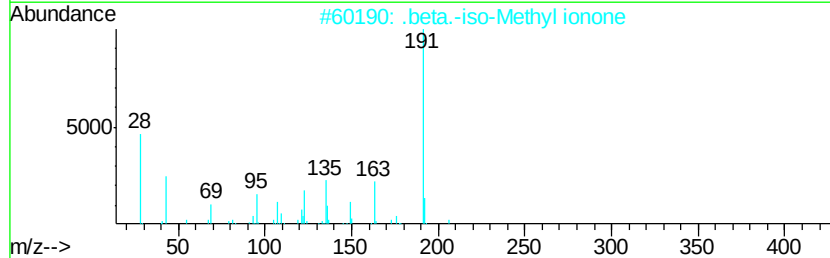
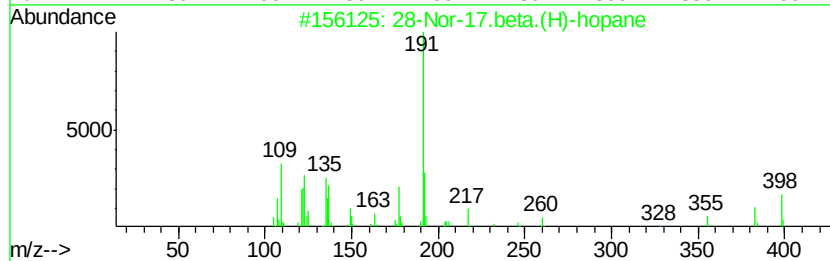
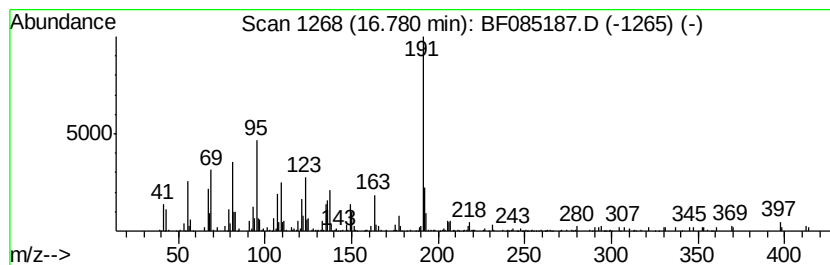
Instrument :
BNA_F
ClientSampleId :
SB-40(10-12)

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

Peak Number 9 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	6.71 ng	286707	Perylene-d12	15.61
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0 64
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2 64
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9 50
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5 49
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7 40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085187.D
Acq On : 4 Mar 2016 5:36
Operator : SJ/UM
Sample : H1663-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40(10-12)

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...	5.19	20.4	ng	941742	1	6.98	925406	20.0
unknown6.74	6.74	71.4	ng	3304610	1	6.98	925406	20.0
Tetradecane	10.45	3.3	ng	212965	3	10.02	1285350	20.0
Octacosane	10.92	4.6	ng	247871	4	11.50	1067800	20.0
n-Hexadecanoic acid	12.02	3.0	ng	161777	4	11.50	1067800	20.0
5-Eicosene, (E)-	13.98	11.6	ng	458327	5	14.14	793396	20.0
unknown16.33	16.33	8.7	ng	370282	6	15.61	854872	20.0
28-Nor-17.beta.(H...	16.78	6.7	ng	286707	6	15.61	854872	20.0