

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085890.D
 Acq On : 30 Mar 2016 17:03
 Operator : UM/SJ
 Sample : H1970-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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-BF032416.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	4.973	233	235	243	rBV	48626	72355	3.36%	0.334%
2	5.201	252	255	261	rBV	25793	59470	2.76%	0.274%
3	5.396	270	272	287	rBV	1710019	2045433	95.08%	9.430%
4	6.436	361	363	366	rBV	1448394	1938314	90.10%	8.936%
5	6.573	372	375	377	rBV	1538477	2151248	100.00%	9.918%
6	6.790	392	394	397	rBV	462530	615684	28.62%	2.838%
7	6.950	406	408	411	rBV	1788017	1617525	75.19%	7.457%
8	7.362	442	444	447	rBV	1338870	1283259	59.65%	5.916%
9	7.476	450	454	458	rVB	34087	46861	2.18%	0.216%
10	7.830	484	485	488	rBV2	16425	30199	1.40%	0.139%
11	8.082	505	507	510	rBV	1001626	855307	39.76%	3.943%
12	8.344	528	530	535	rVB2	31582	35264	1.64%	0.163%
13	8.870	574	576	582	rVB	15148	27085	1.26%	0.125%
14	9.156	599	601	604	rBV	1840707	1971310	91.64%	9.088%
15	9.556	634	636	638	rBV	485007	395698	18.39%	1.824%
16	9.773	653	655	657	rBV	79087	77273	3.59%	0.356%
17	9.842	658	661	663	rVB	655640	874202	40.64%	4.030%
18	10.002	673	675	677	rBV	18192	26096	1.21%	0.120%
19	10.047	677	679	681	rVV	23072	32347	1.50%	0.149%
20	10.265	695	698	700	rBV	54659	89648	4.17%	0.413%
21	10.493	715	718	721	rBV	40351	64357	2.99%	0.297%
22	10.630	727	730	732	rBV2	1162219	1416336	65.84%	6.530%
23	10.745	738	740	744	rBV	90788	113633	5.28%	0.524%
24	10.939	754	757	760	rBV2	10411	25006	1.16%	0.115%
25	11.190	777	779	780	rBV	51782	45013	2.09%	0.208%
26	11.270	784	786	788	rBV	16463	27112	1.26%	0.125%
27	11.316	788	790	794	rVV	921126	1002874	46.62%	4.624%
28	11.396	794	797	799	rVB2	25424	37783	1.76%	0.174%
29	11.556	808	811	814	rBV2	21867	41983	1.95%	0.194%
30	11.613	814	816	817	rBV	28974	25612	1.19%	0.118%
31	11.739	822	827	828	rBV4	14003	39193	1.82%	0.181%
32	11.785	828	831	832	rBV2	33337	54045	2.51%	0.249%
33	11.853	835	837	842	rBV2	469429	560623	26.06%	2.585%
34	12.025	850	852	854	rBV2	18364	27098	1.26%	0.125%

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35	12.528	894	896	898	rBV	133695	146257	6.80%	0.674%
36	12.642	903	906	909	rBV	169181	312226	14.51%	1.439%
37	12.756	915	916	918	rVB	101475	75067	3.49%	0.346%
38	12.905	926	929	931	rBV	1623415	1501264	69.79%	6.921%
39	13.614	989	991	993	rVB2	138122	156793	7.29%	0.723%
40	13.808	1006	1008	1011	rVB	148137	171204	7.96%	0.789%
41	13.956	1018	1021	1025	rBV	681394	806291	37.48%	3.717%
42	15.374	1143	1145	1153	rVB	500607	707445	32.89%	3.262%
43	16.414	1234	1236	1240	rVB2	51525	88751	4.13%	0.409%

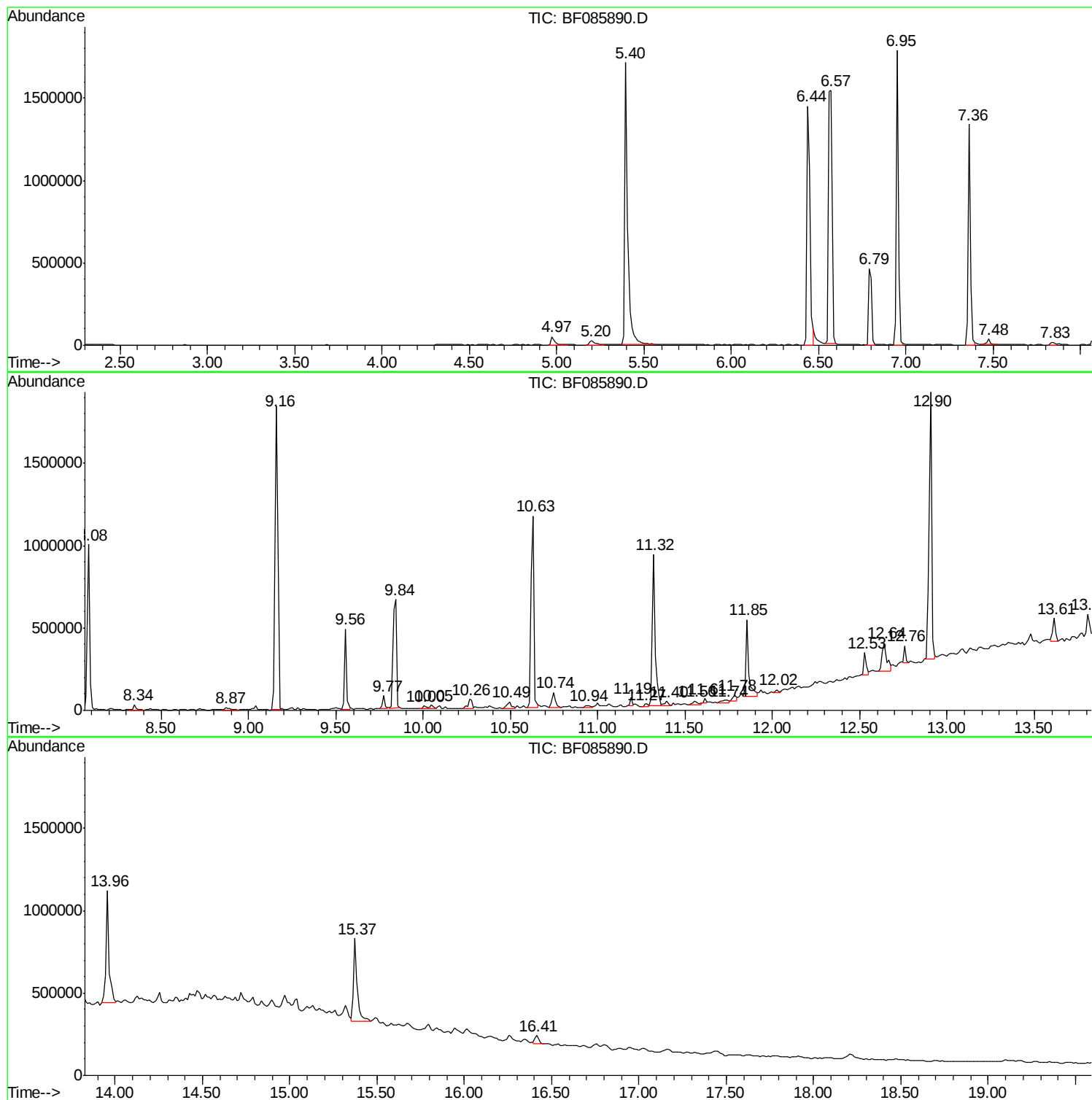
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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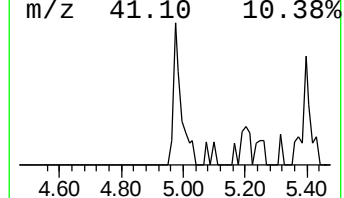
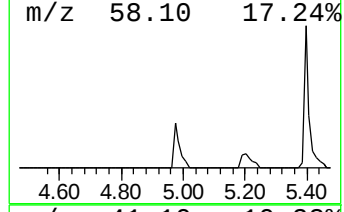
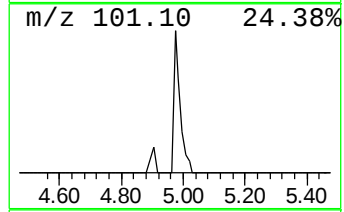
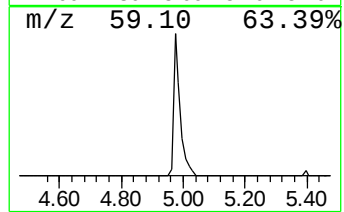
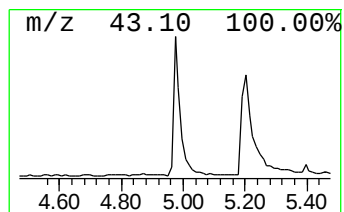
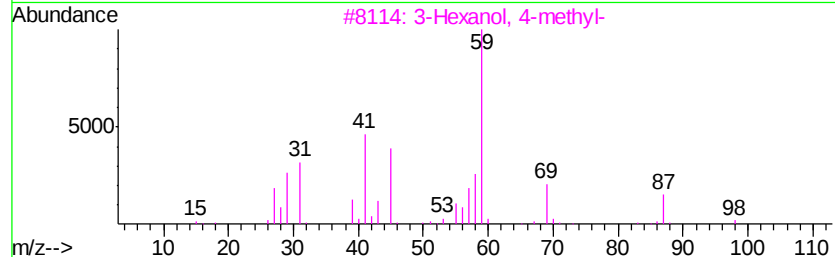
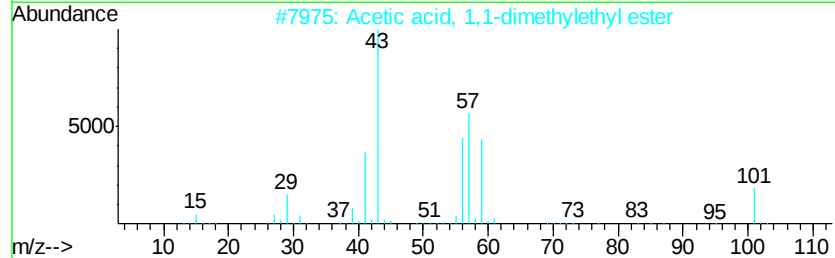
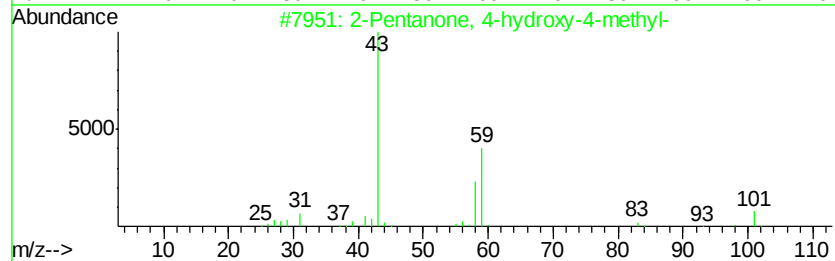
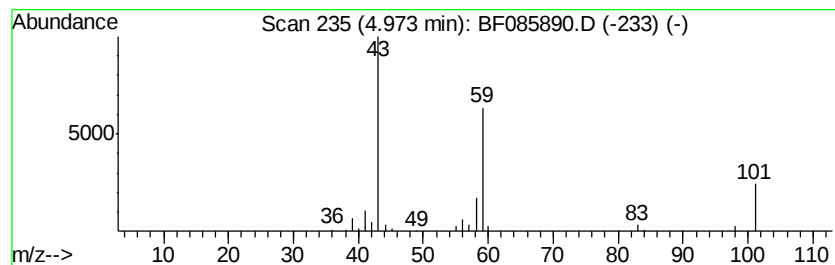
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.35 ng	72355	1,4-Dichlorobenzene-d4	6.80

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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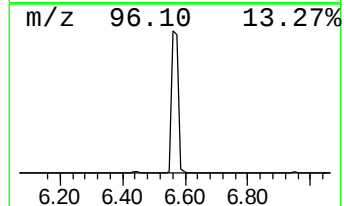
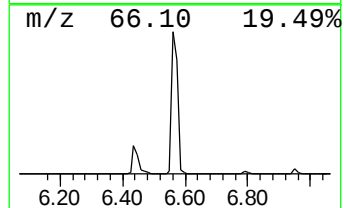
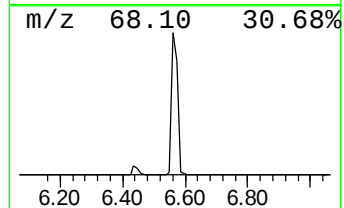
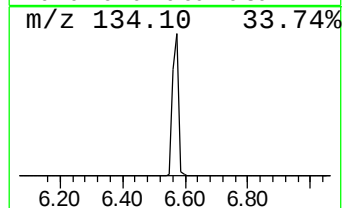
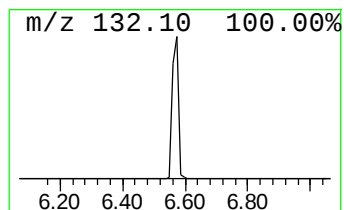
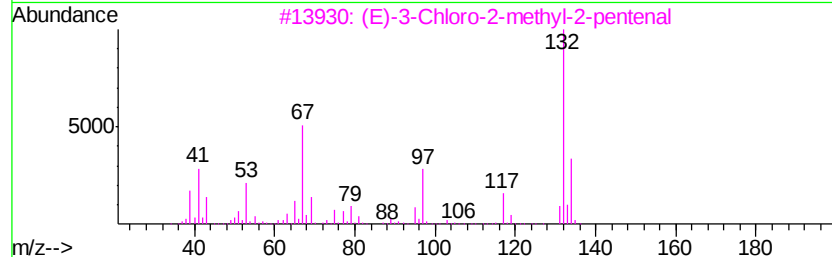
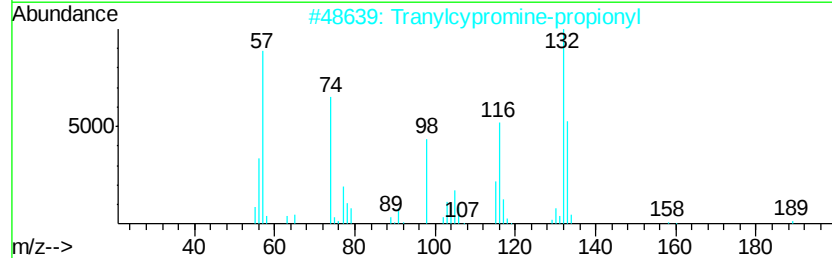
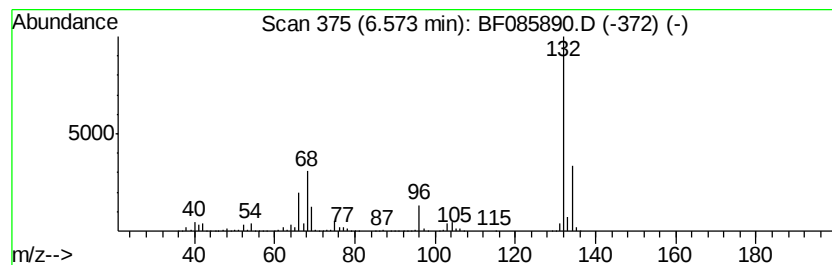
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	69.88 ng	2151250	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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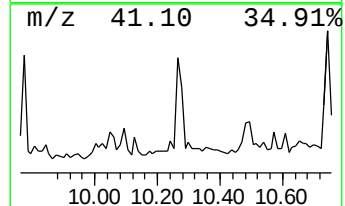
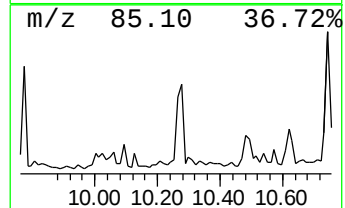
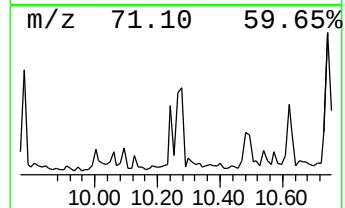
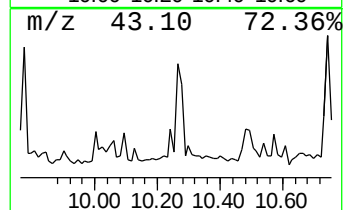
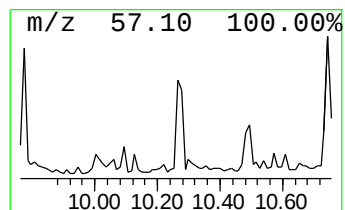
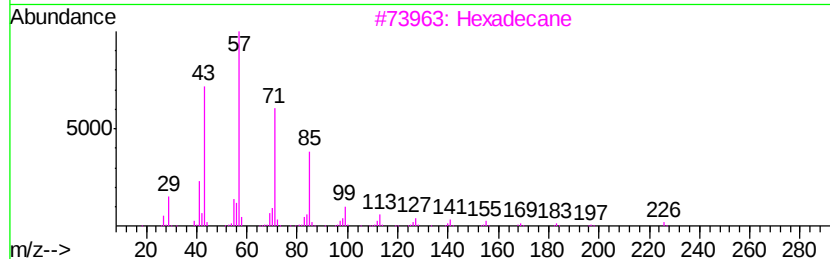
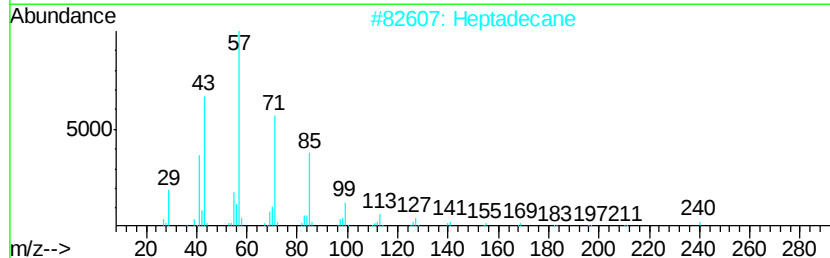
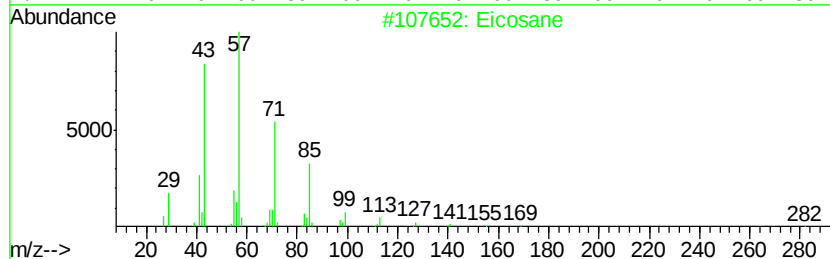
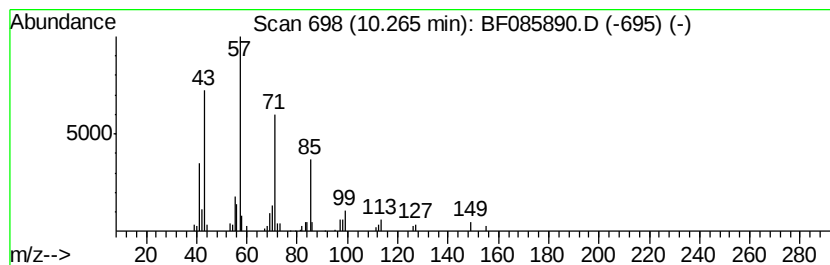
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.05 ng	89648	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
5		Pentadecane	212	C15H32	000629-62-9	86



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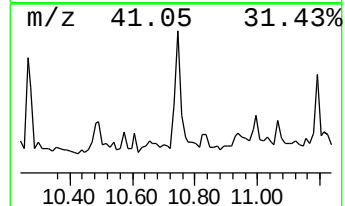
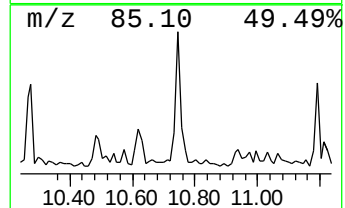
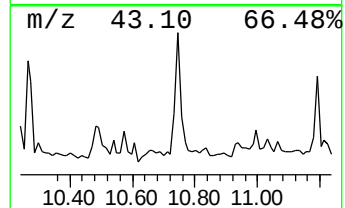
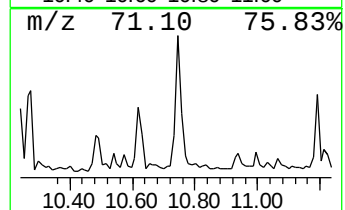
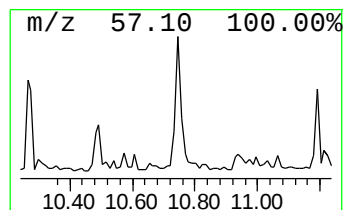
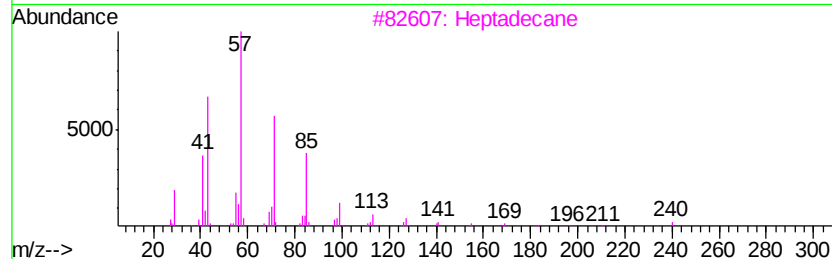
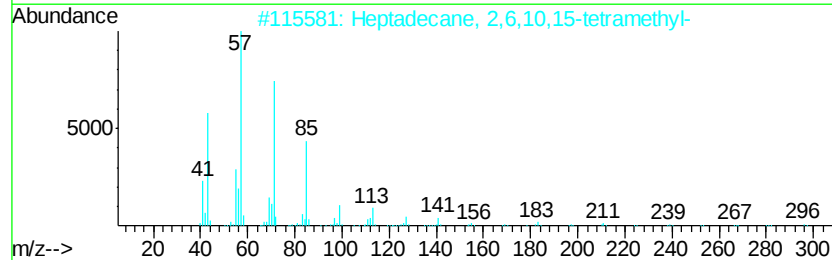
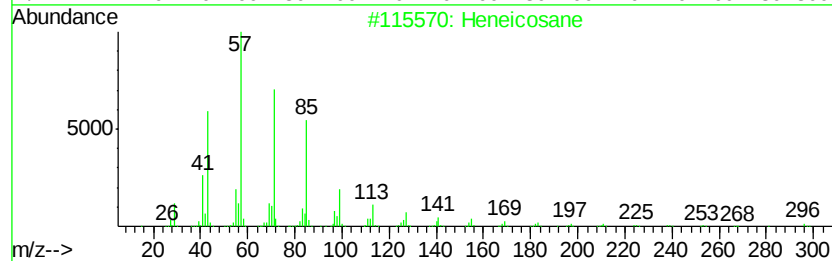
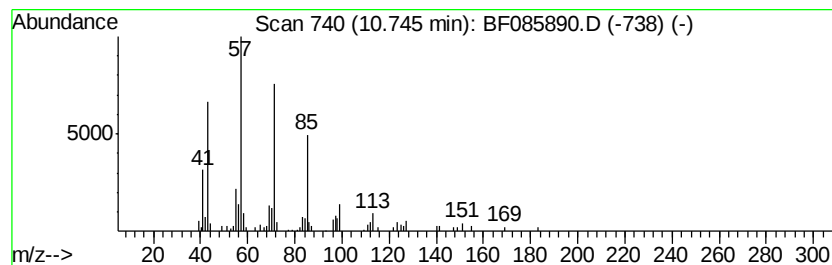
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.27 ng	113633	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	91
3	Heptadecane		240	C17H36	000629-78-7	87
4	Eicosane		282	C20H42	000112-95-8	87
5	Pentadecane		212	C15H32	000629-62-9	87



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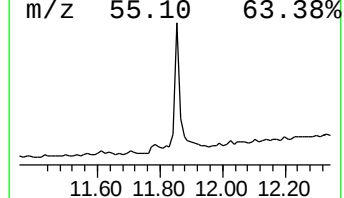
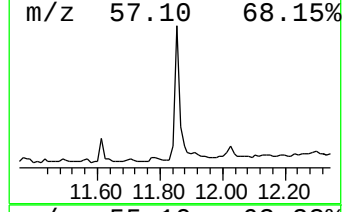
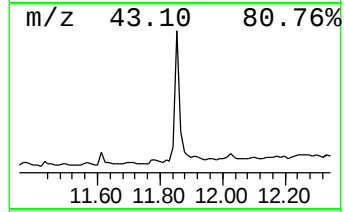
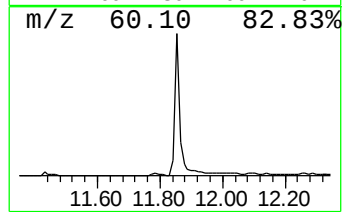
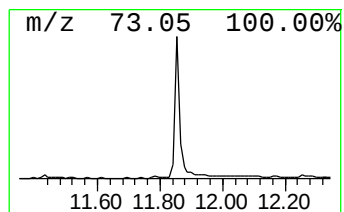
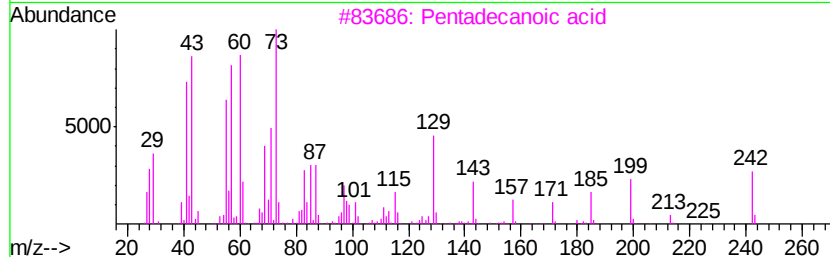
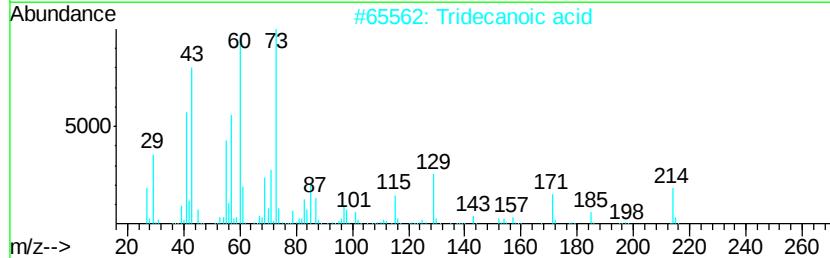
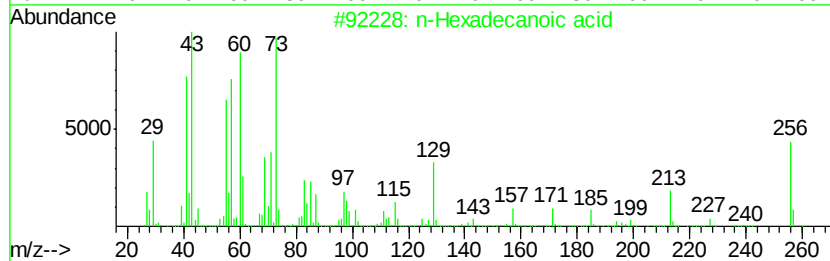
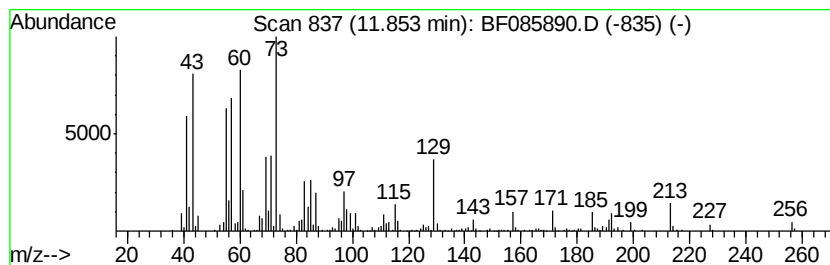
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	11.18 ng	560623	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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ALS Vial : 14 Sample Multiplier: 1

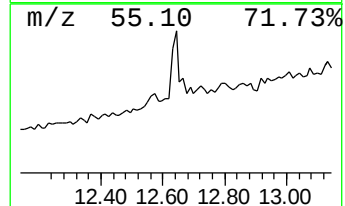
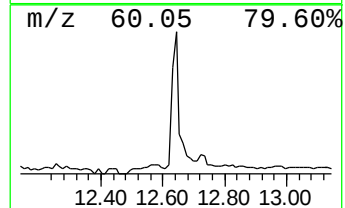
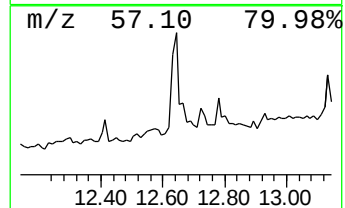
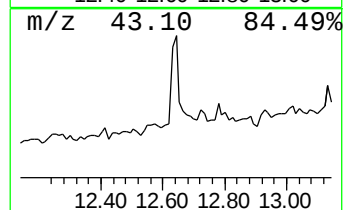
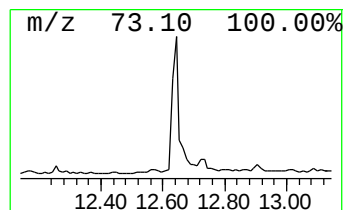
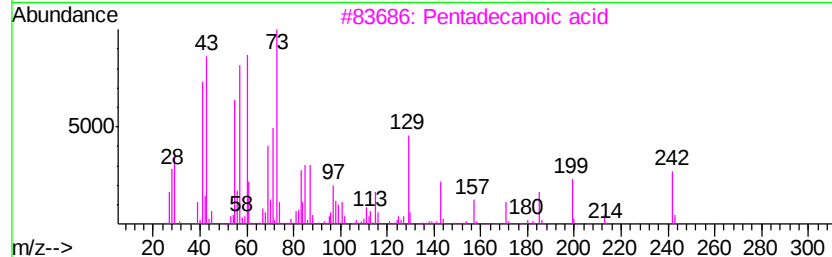
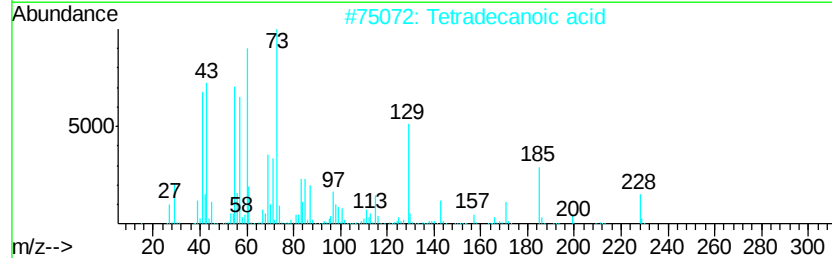
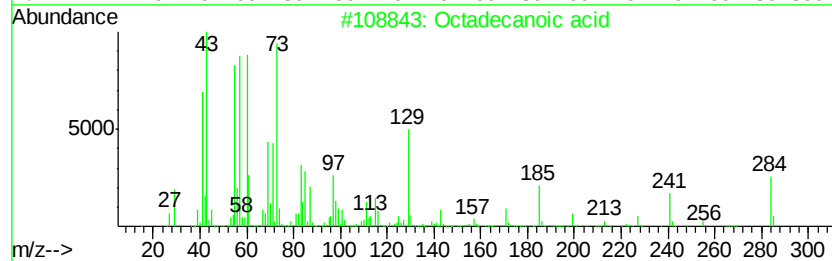
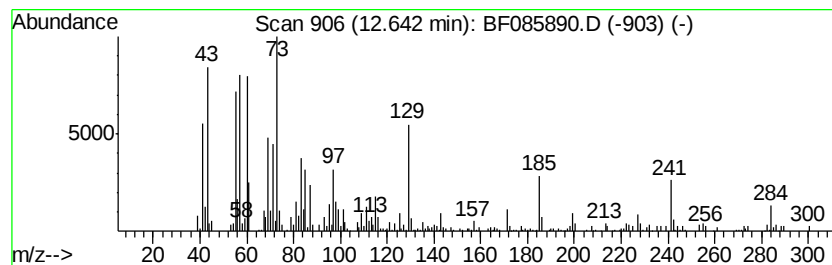
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.64	7.74 ng	312226	Chrysene-d12		13.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085890.D
Acq On : 30 Mar 2016 17:03
Operator : UM/SJ
Sample : H1970-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

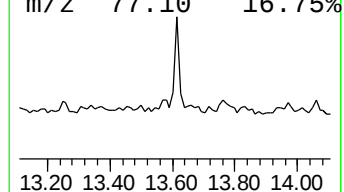
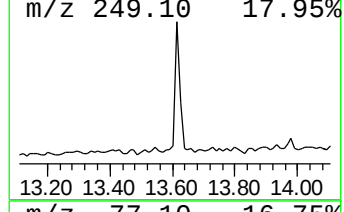
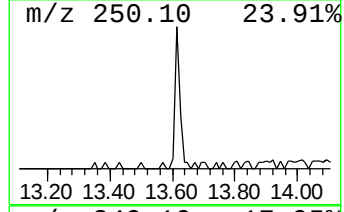
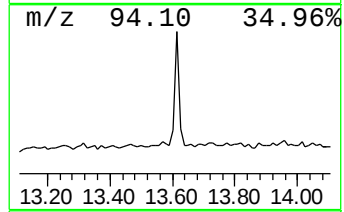
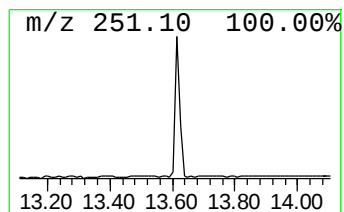
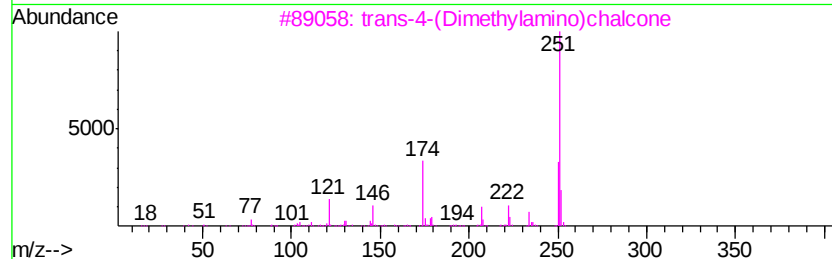
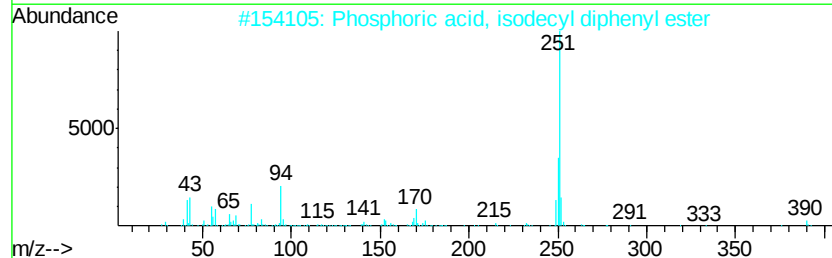
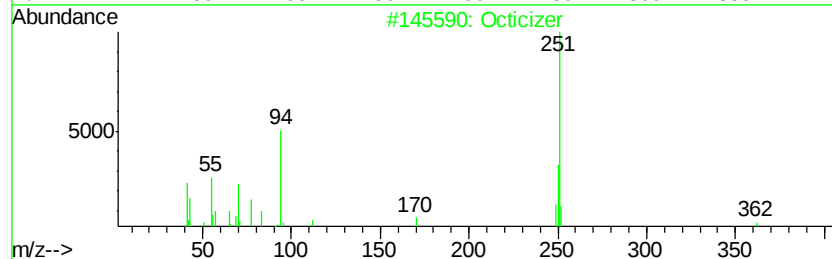
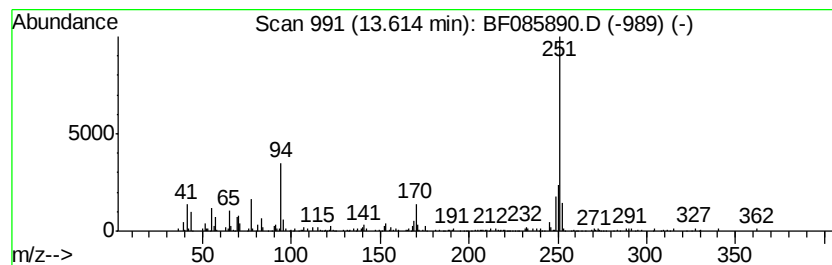
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octicizer Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.89 ng	156793	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octicizer	362	C20H27O4P	001241-94-7	78
2		Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	50
3		trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	50
4		2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	40
5		3H-1,3,4-Benzotriazepin-2-one, 1...	251	C15H13N3O	116089-26-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085890.D
Acq On : 30 Mar 2016 17:03
Operator : UM/SJ
Sample : H1970-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

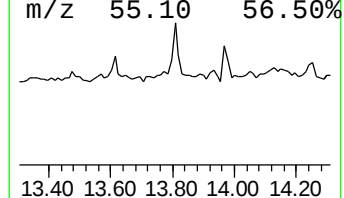
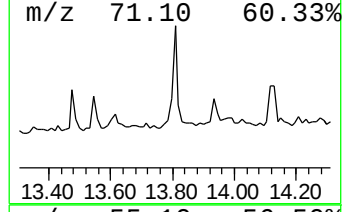
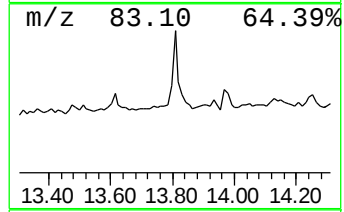
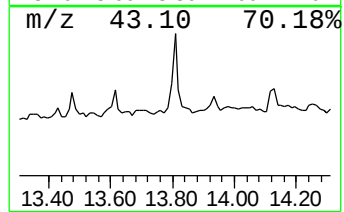
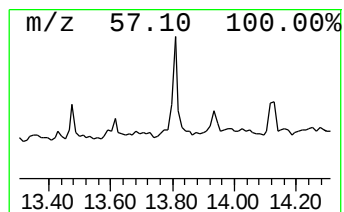
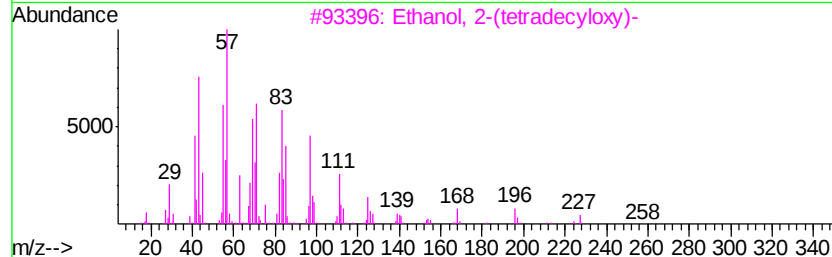
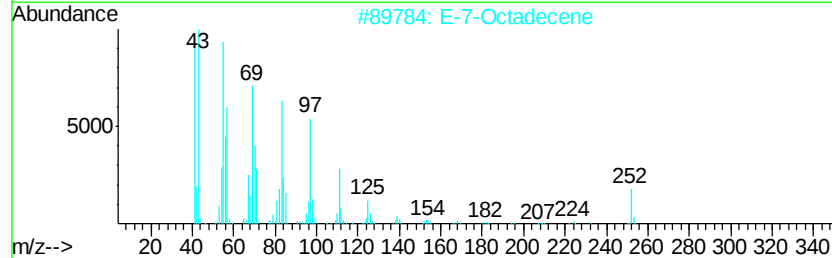
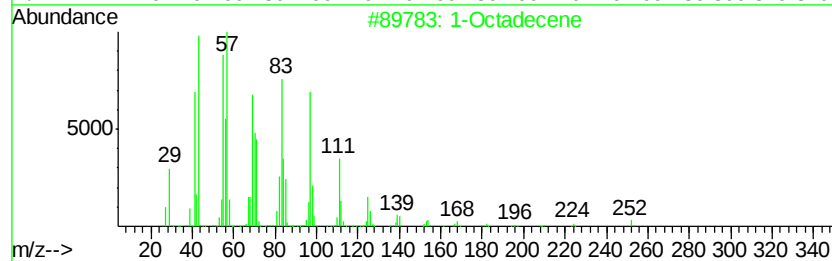
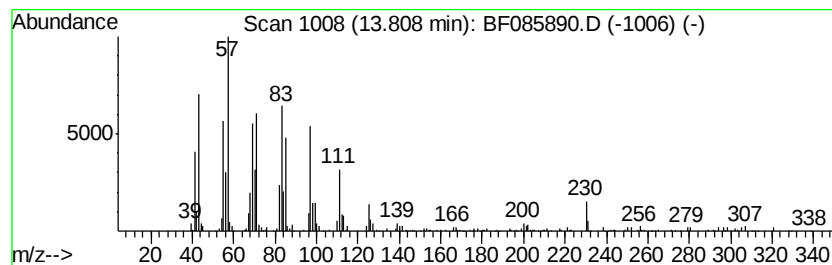
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.81	4.25 ng	171204	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	E-7-Octadecene	252	C18H36	1000130-92-0	92
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	86
5	tert-Hexadecanethiol	258	C16H34S	025360-09-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085890.D
Acq On : 30 Mar 2016 17:03
Operator : UM/SJ
Sample : H1970-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

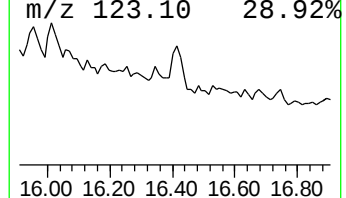
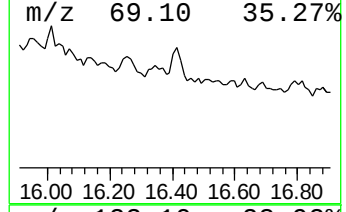
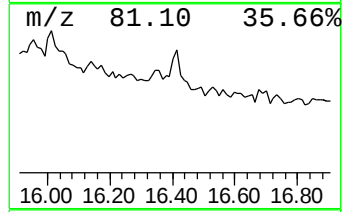
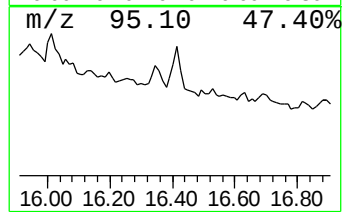
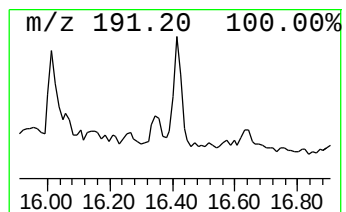
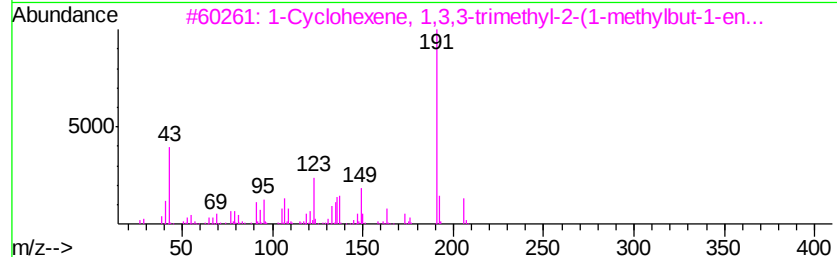
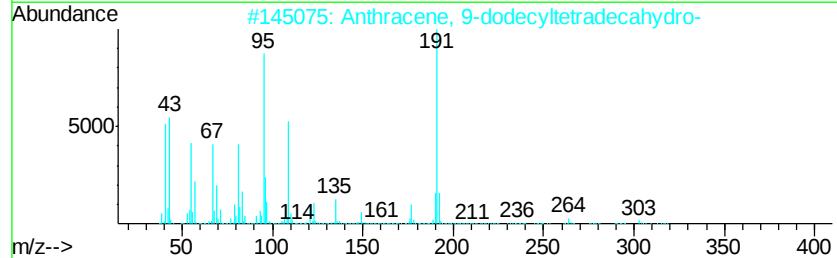
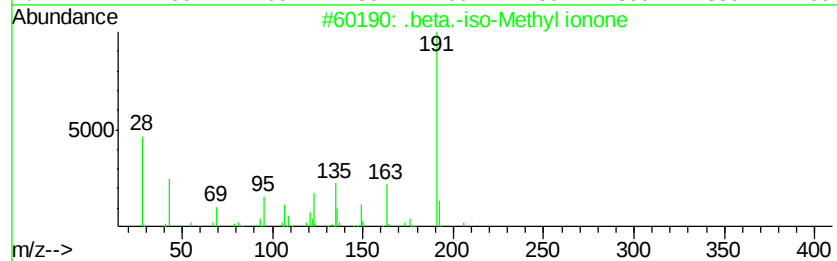
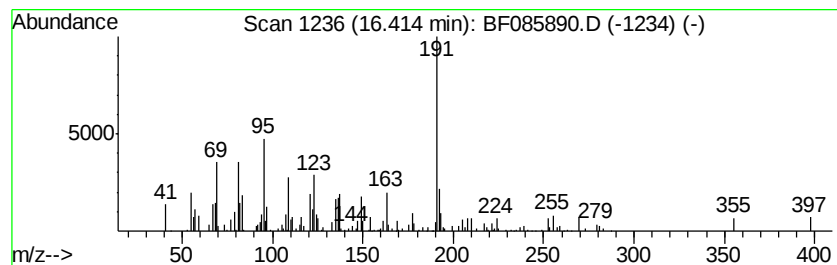
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.51 ng	88751	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46	
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40	
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38	
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37	
5		Amiphenazole	191	C9H9N3S	000490-55-1	35	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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...	4.97	2.4	ng	72355	1	6.80	615684	20.0
unknown6.57	6.57	69.9	ng	2151250	1	6.80	615684	20.0
Eicosane	10.26	2.0	ng	89648	3	9.84	874202	20.0
Heneicosane	10.74	2.3	ng	113633	4	11.32	1002870	20.0
n-Hexadecanoic acid	11.85	11.2	ng	560623	4	11.32	1002870	20.0
Octadecanoic acid	12.64	7.7	ng	312226	5	13.96	806291	20.0
Octicizer	13.61	3.9	ng	156793	5	13.96	806291	20.0
1-Octadecene	13.81	4.3	ng	171204	5	13.96	806291	20.0
unknown16.41	16.41	2.5	ng	88751	6	15.37	707445	20.0