

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089946.D
 Acq On : 31 Aug 2016 13:15
 Operator : UM/SJ
 Sample : H4617-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 415LSB1(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-BF083116.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	13	rBV	343067	691176	10.06%	1.031%
2	1.747	13	14	56	rVB	1865323	5082662	73.96%	7.582%
3	4.776	276	279	287	rBV	967406	1600227	23.28%	2.387%
4	5.222	315	318	320	rBV	4735759	5518898	80.30%	8.232%
5	6.285	407	411	413	rBV	4850736	5885285	85.63%	8.779%
6	6.399	418	421	424	rVV	4119571	5822956	84.73%	8.686%
7	6.639	439	442	444	rBV	1504962	1582935	23.03%	2.361%
8	6.787	453	455	458	rBV	3208052	4578786	66.62%	6.830%
9	7.199	488	491	494	rBV	2559158	3962466	57.66%	5.911%
10	7.325	498	502	511	rVB2	62496	143031	2.08%	0.213%
11	7.919	552	554	556	rBV	2373837	2028815	29.52%	3.026%
12	8.365	591	593	595	rBV	61134	69624	1.01%	0.104%
13	8.536	605	608	609	rBV	224533	261523	3.81%	0.390%
14	8.833	630	634	635	rBV2	61417	124777	1.82%	0.186%
15	8.890	638	639	641	rVB	72073	81762	1.19%	0.122%
16	8.936	641	643	644	rBV	87400	74616	1.09%	0.111%
17	9.005	646	649	651	rVB	5437987	6872606	100.00%	10.252%
18	9.096	655	657	658	rBV	421728	380778	5.54%	0.568%
19	9.393	681	683	685	rBV	1401448	1156377	16.83%	1.725%
20	9.496	688	692	695	rVB2	44059	83416	1.21%	0.124%
21	9.622	700	703	704	rVB	162636	138266	2.01%	0.206%
22	9.668	704	707	709	rVB	2165448	2303331	33.51%	3.436%
23	10.091	740	744	745	rBV	125463	138429	2.01%	0.206%
24	10.113	745	746	748	rVB	150040	129391	1.88%	0.193%
25	10.331	762	765	768	rBV	48759	94799	1.38%	0.141%
26	10.445	772	775	778	rVV	3117091	3418802	49.75%	5.100%
27	10.582	786	787	793	rVV	157062	237355	3.45%	0.354%
28	11.028	824	826	828	rBV	96259	87919	1.28%	0.131%
29	11.131	833	835	838	rVB	2102812	2065420	30.05%	3.081%
30	11.188	838	840	846	rVB3	31045	74504	1.08%	0.111%
31	11.382	855	857	862	rVB	1074634	1014691	14.76%	1.514%
32	11.451	862	863	866	rVB	63835	77890	1.13%	0.116%
33	11.691	882	884	888	rBV2	150102	264160	3.84%	0.394%
34	12.194	926	928	932	rBV	1316052	1745875	25.40%	2.604%

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Smoothing : ON Filtering: 5
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35	12.251	932	933	937	rVB3	57791	73285	1.07%	0.109%
36	12.605	962	964	966	rBV2	62305	98481	1.43%	0.147%
37	12.719	971	974	976	rBV	4745079	4689584	68.24%	6.995%
38	12.971	992	996	997	rBV2	47026	85658	1.25%	0.128%
39	13.177	1012	1014	1017	rBV	119984	153384	2.23%	0.229%
40	13.634	1051	1054	1058	rBV2	259189	402417	5.86%	0.600%
41	13.748	1061	1064	1072	rVB	1862651	1886190	27.45%	2.814%
42	14.605	1137	1139	1141	rBV	104033	137038	1.99%	0.204%
43	15.097	1179	1182	1184	rBV	1420761	1608950	23.41%	2.400%
44	15.577	1222	1224	1234	rBV7	37118	110444	1.61%	0.165%

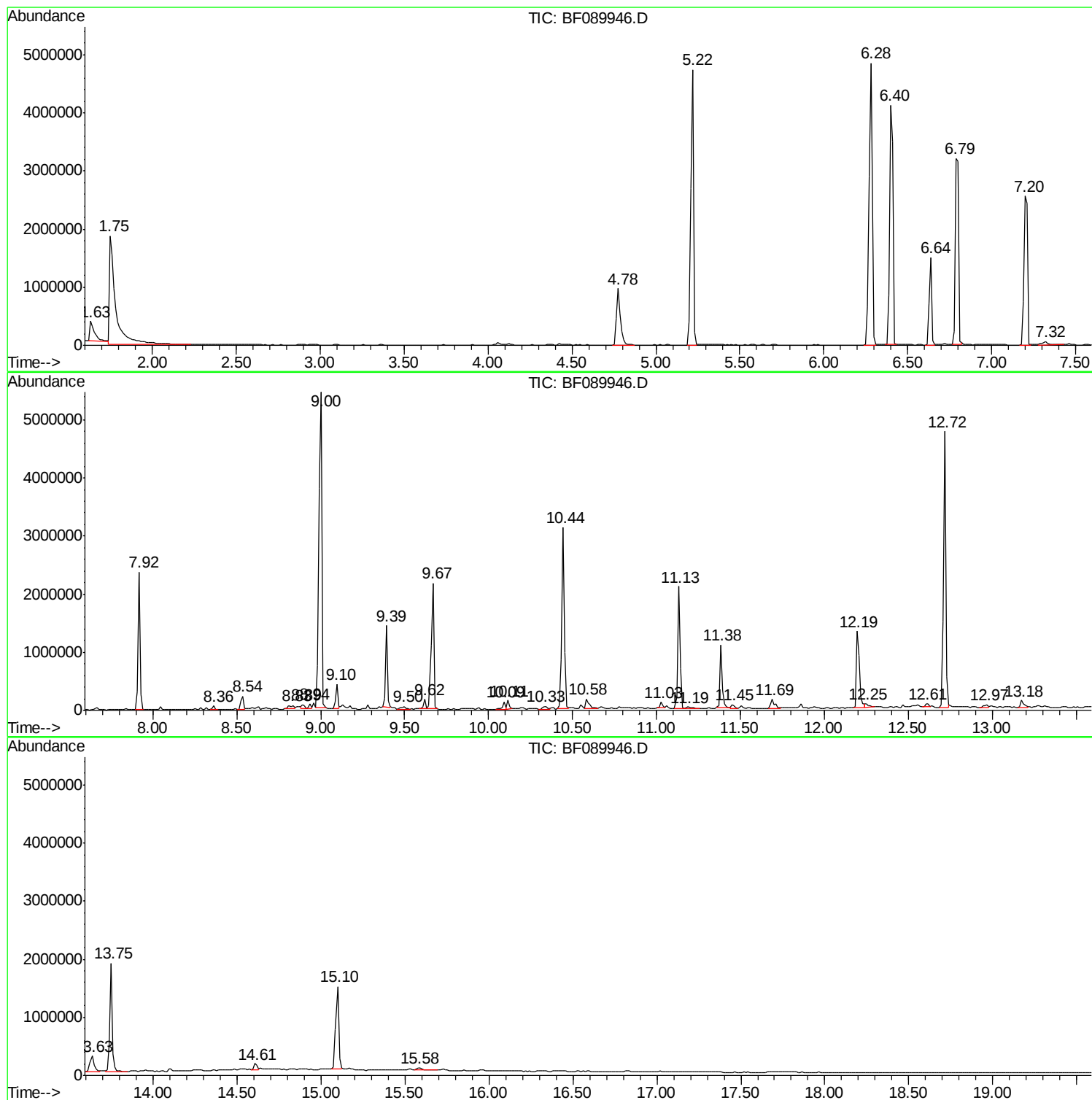
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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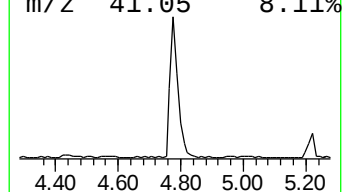
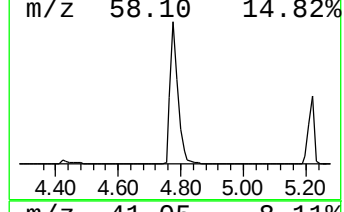
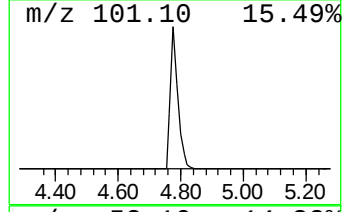
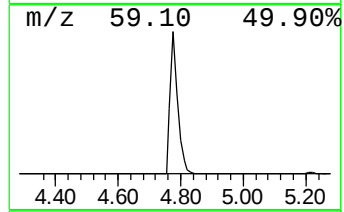
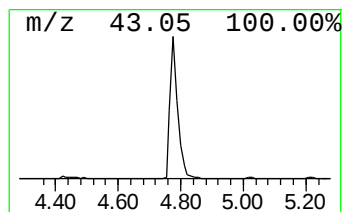
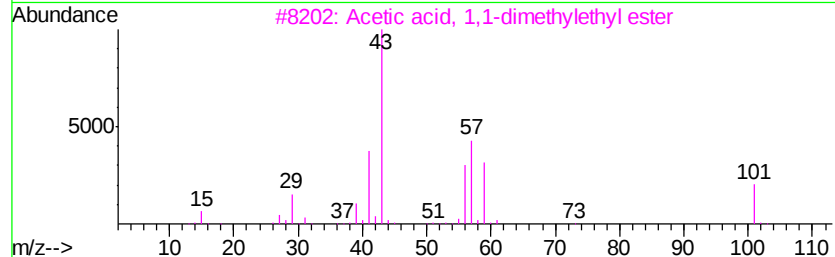
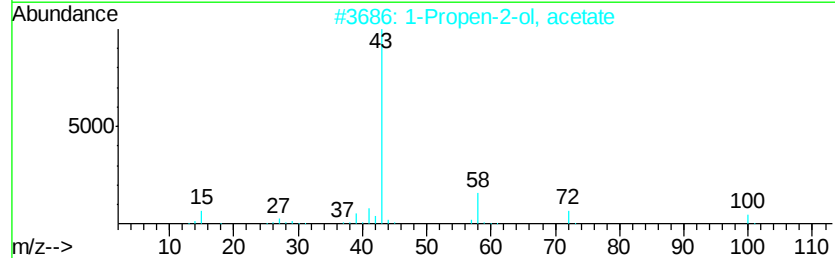
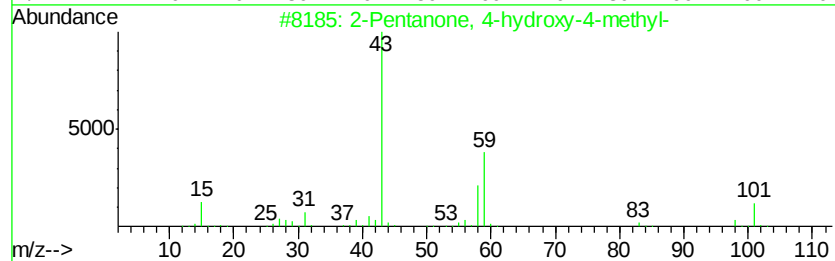
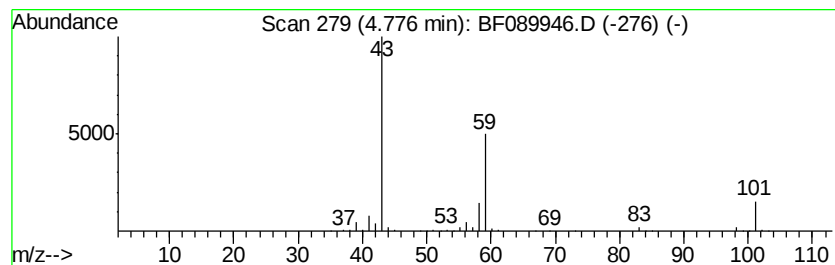
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	20.22 ng	1600230	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4		Acetone	58	C3H6O	000067-64-1	7
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	7



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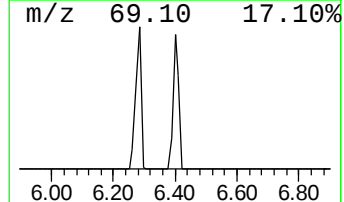
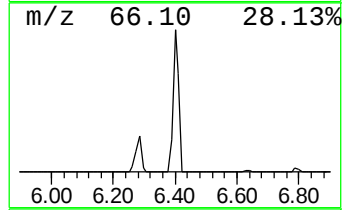
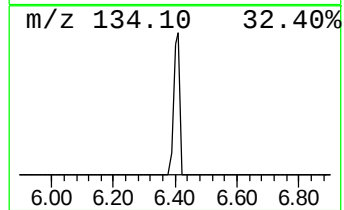
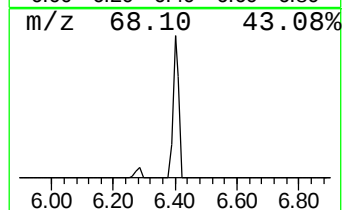
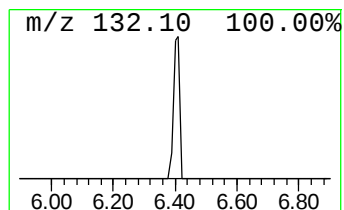
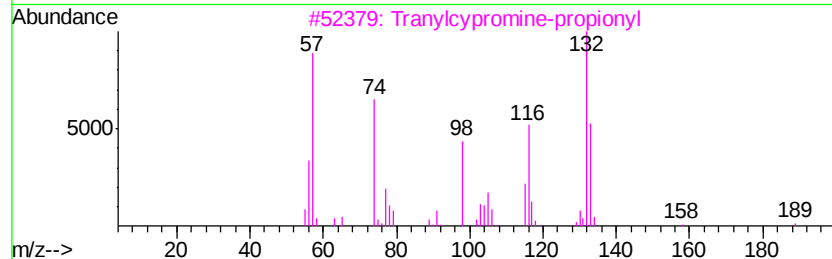
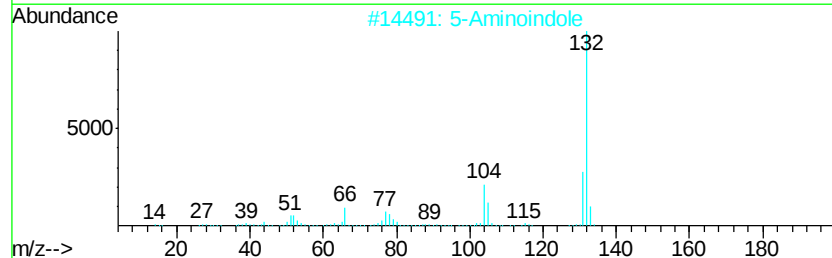
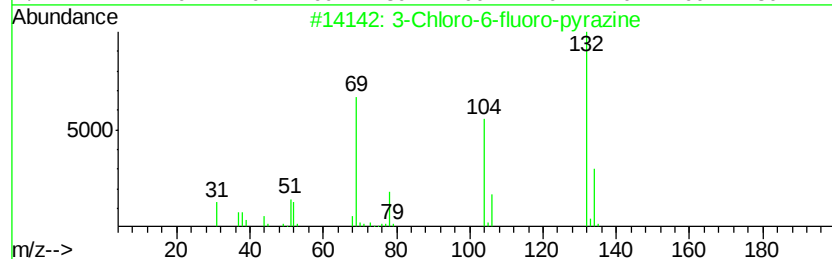
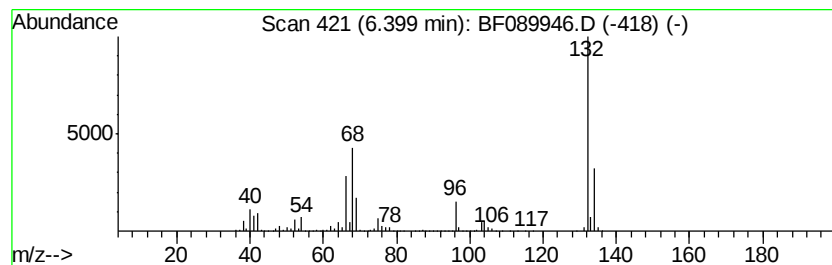
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Peak Number 4 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	73.57 ng	5822960	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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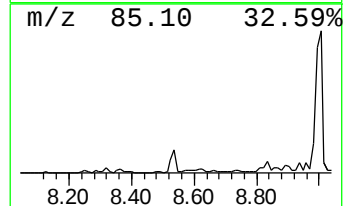
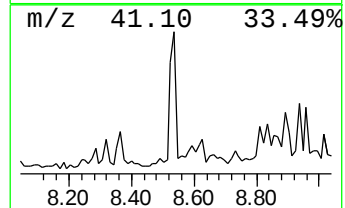
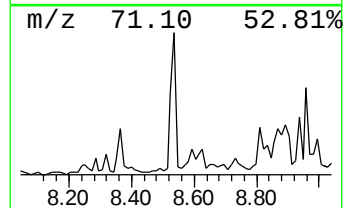
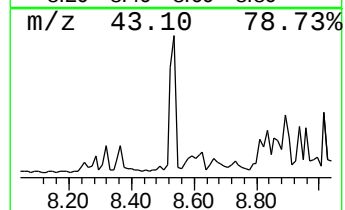
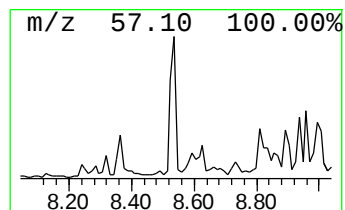
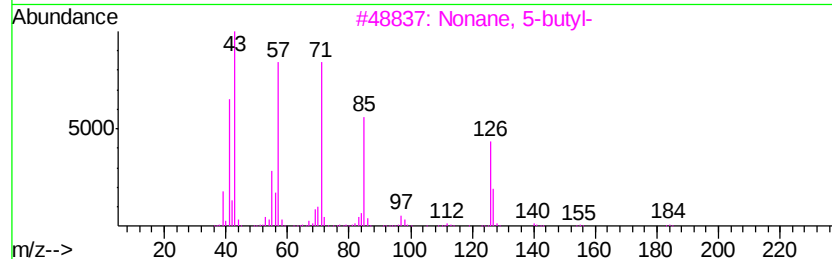
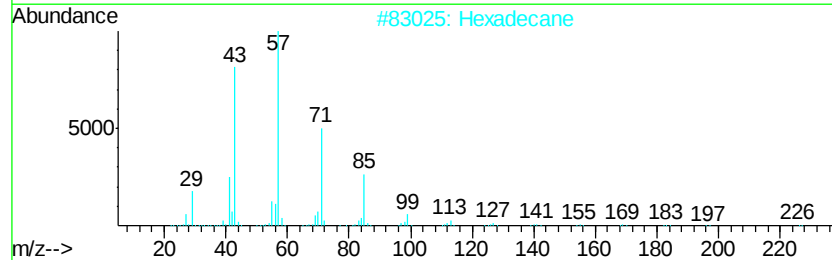
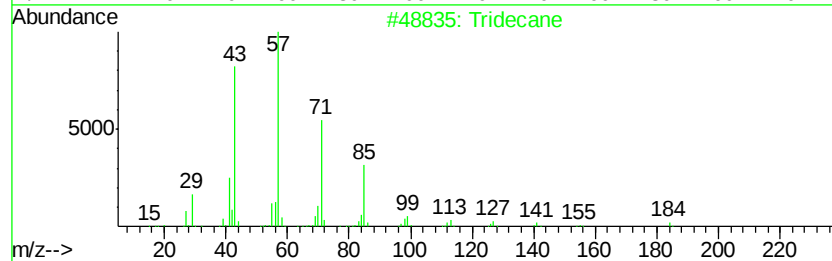
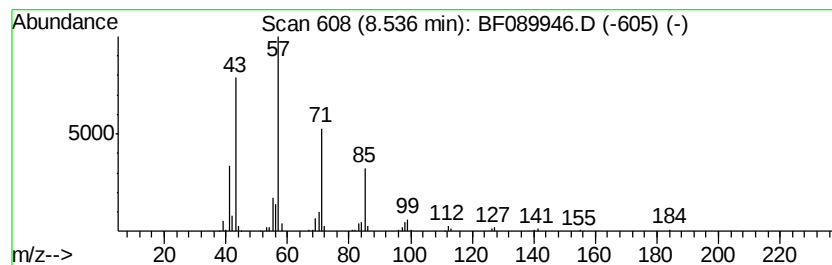
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.58 ng	261523	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	87
4		Pentadecane	212	C15H32	000629-62-9	83
5		Undecane	156	C11H24	001120-21-4	78



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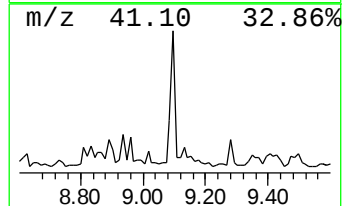
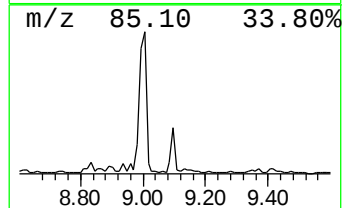
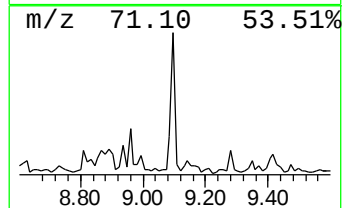
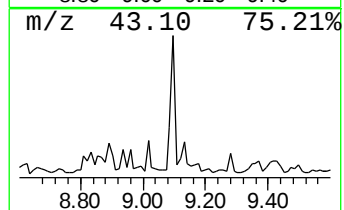
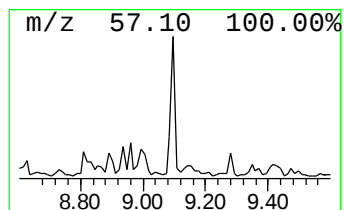
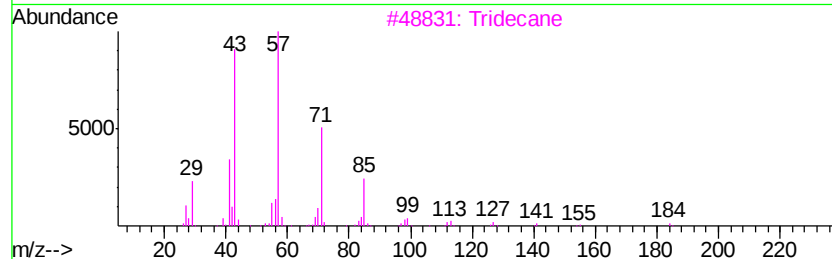
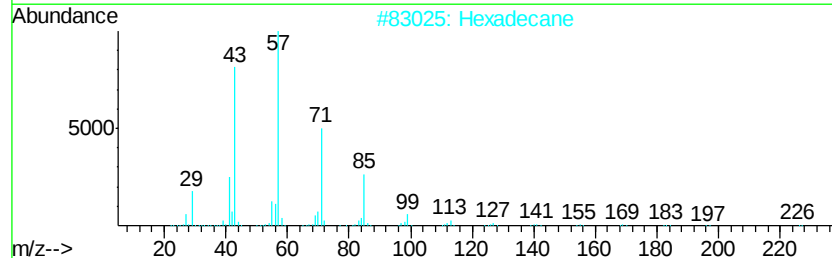
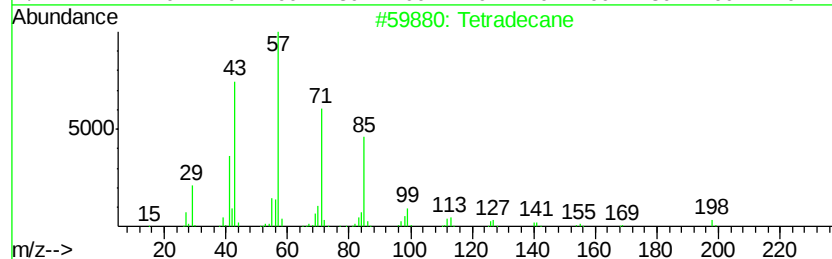
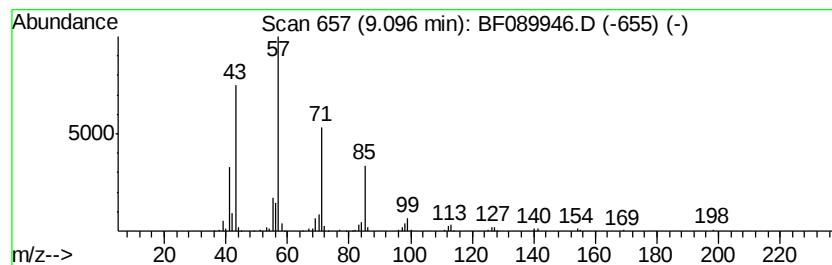
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Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	3.31 ng	380778	Acenaphthene-d10	9.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



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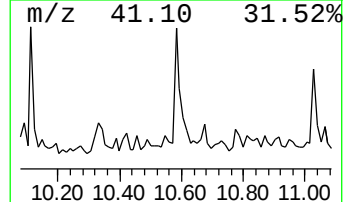
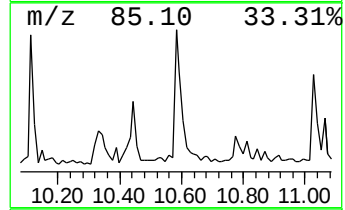
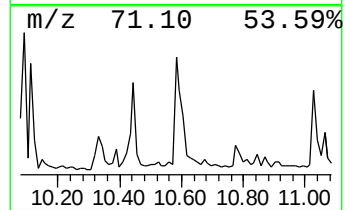
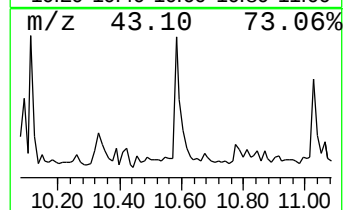
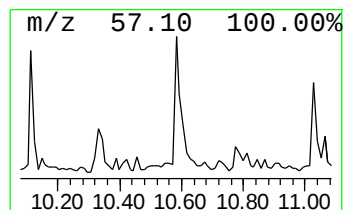
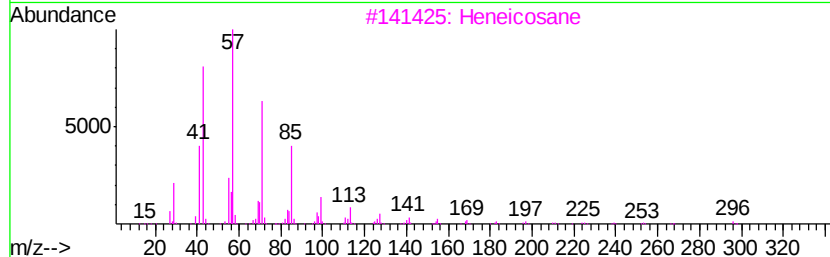
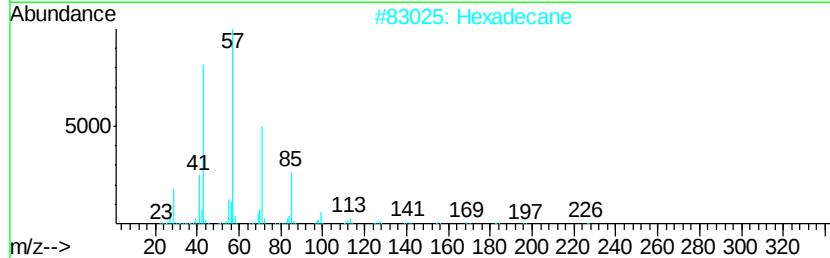
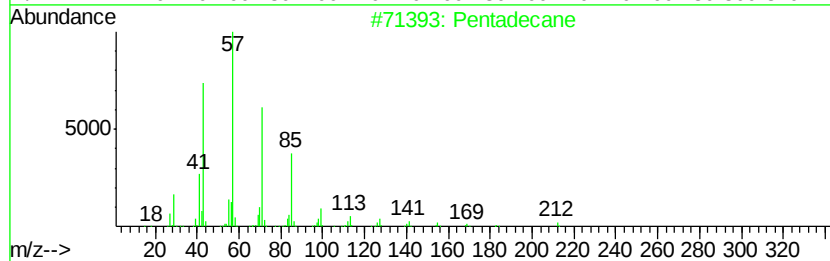
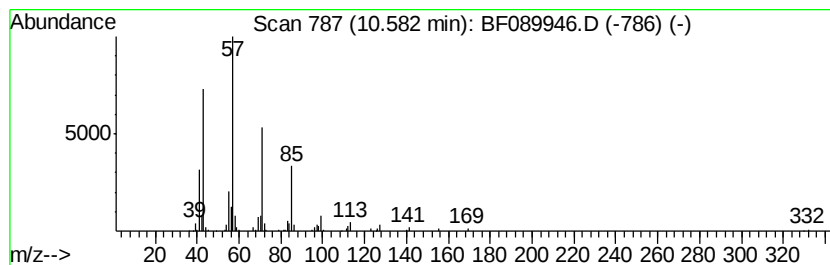
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Peak Number 8 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.30 ng	237355	Phenanthrene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heneicosane		296	C21H44	000629-94-7	86
4	Tridecane		184	C13H28	000629-50-5	86
5	Heptadecane		240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089946.D
Acq On : 31 Aug 2016 13:15
Operator : UM/SJ
Sample : H4617-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

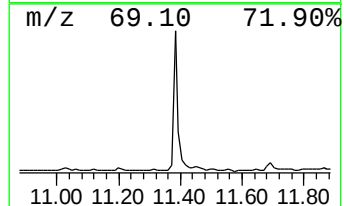
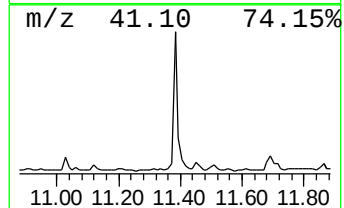
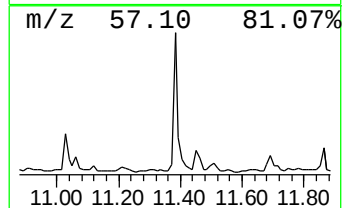
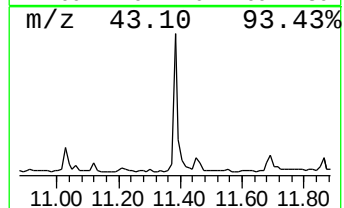
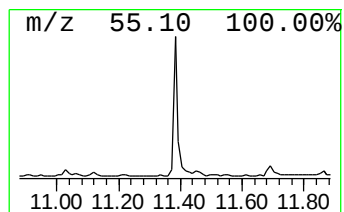
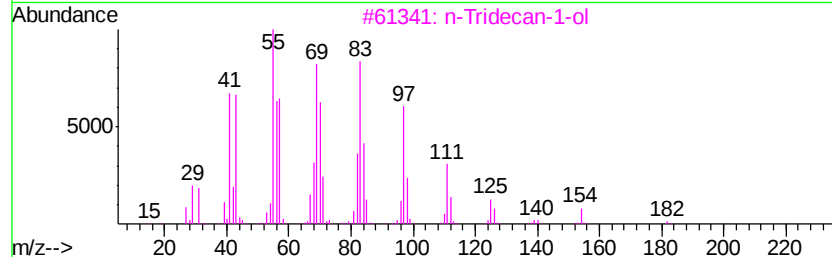
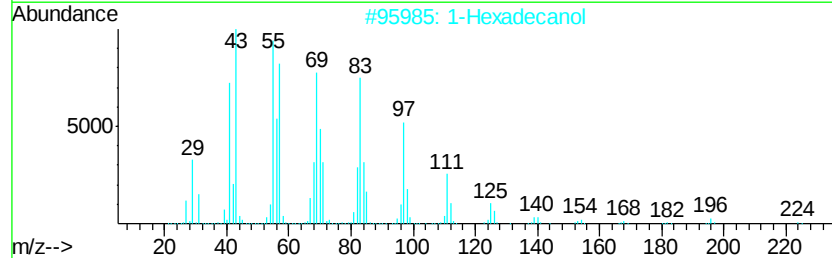
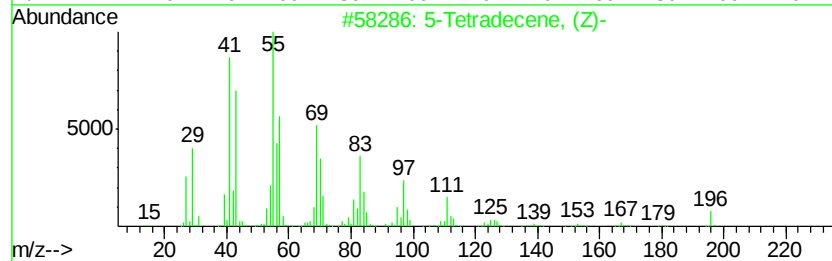
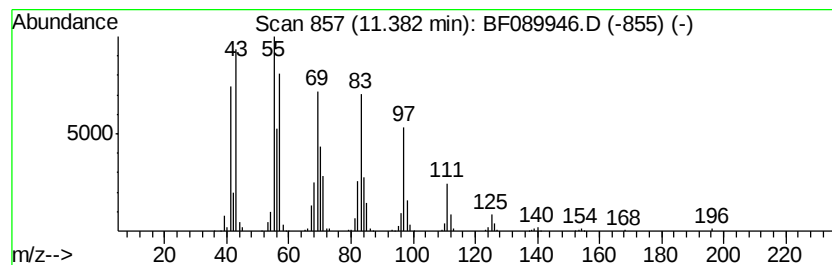
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 5-Tetradecene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	9.83 ng	1014690	Phenanthrene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Tetradecene, (Z)-	196	C14H28	041446-62-2	94
2		1-Hexadecanol	242	C16H34O	036653-82-4	94
3		n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
4		1-Tetradecanol	214	C14H30O	000112-72-1	91
5		n-Pentadecanol	228	C15H32O	000629-76-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089946.D
Acq On : 31 Aug 2016 13:15
Operator : UM/SJ
Sample : H4617-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

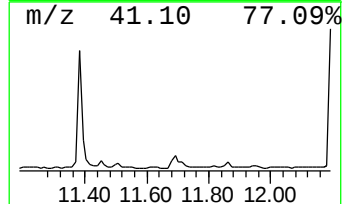
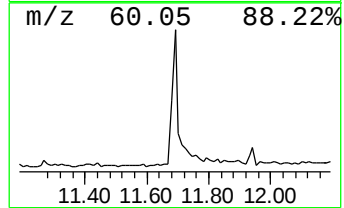
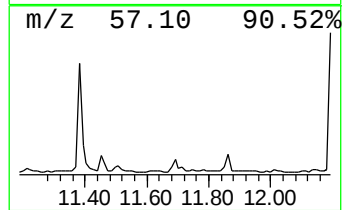
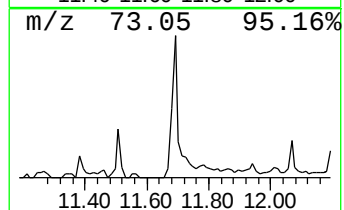
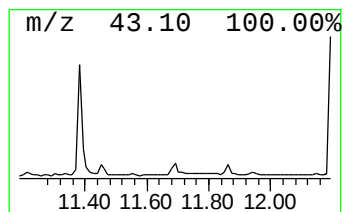
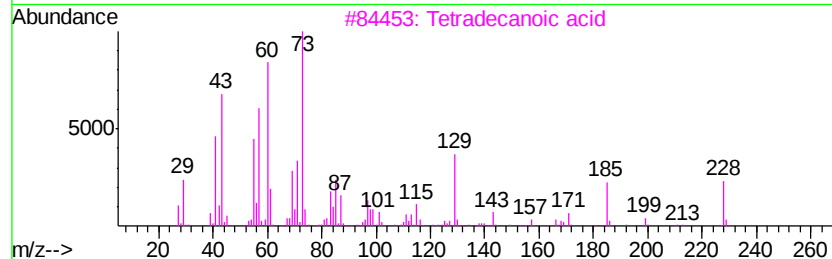
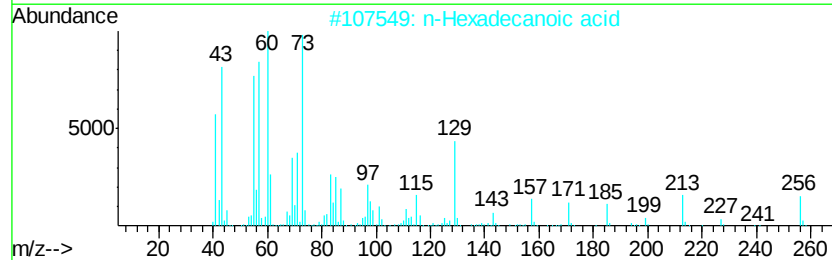
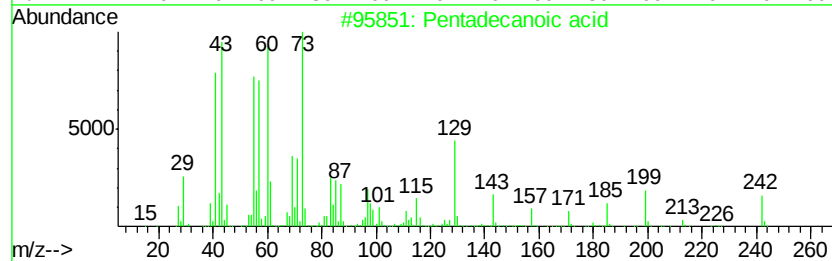
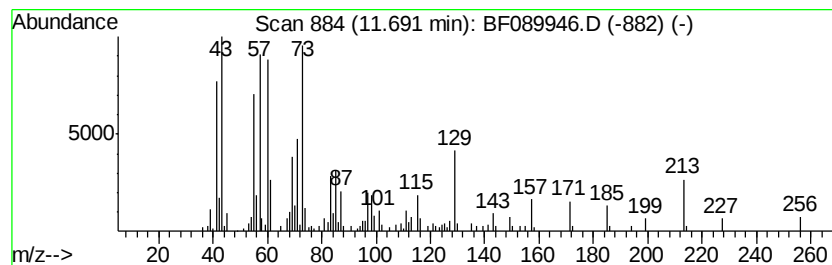
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.56 ng	264160	Phenanthrene-d10	11.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Undecanoic acid	186	C11H22O2	000112-37-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089946.D
Acq On : 31 Aug 2016 13:15
Operator : UM/SJ
Sample : H4617-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

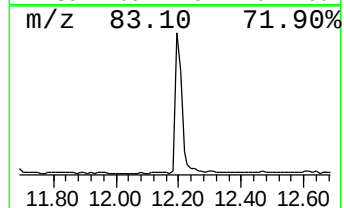
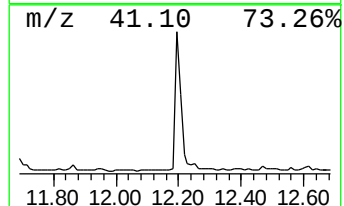
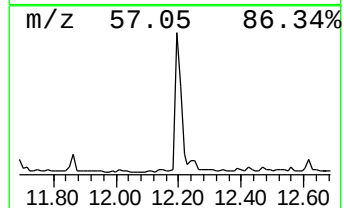
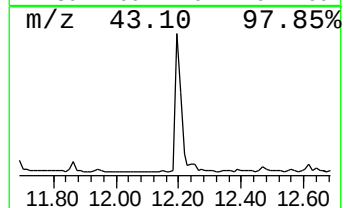
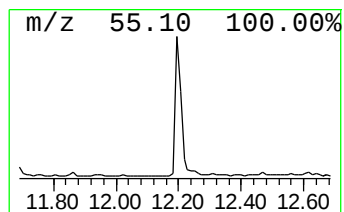
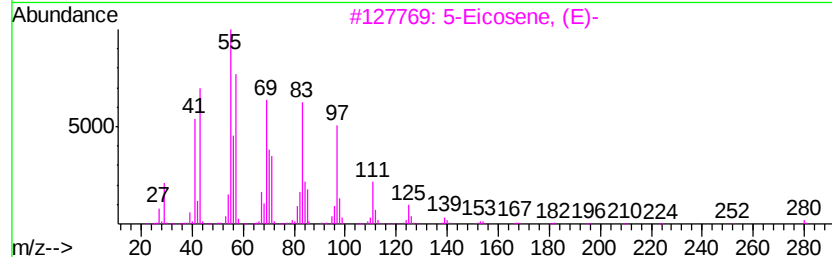
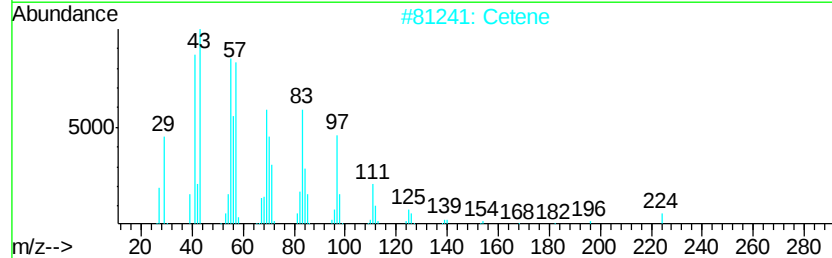
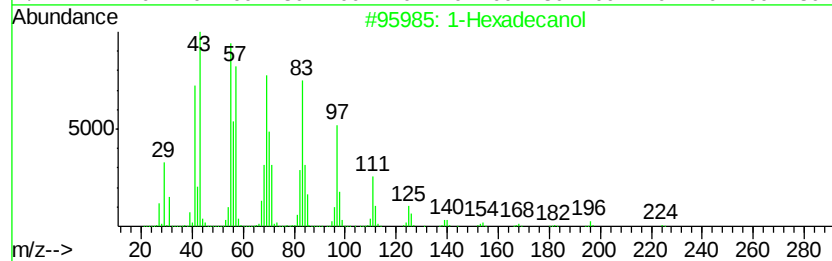
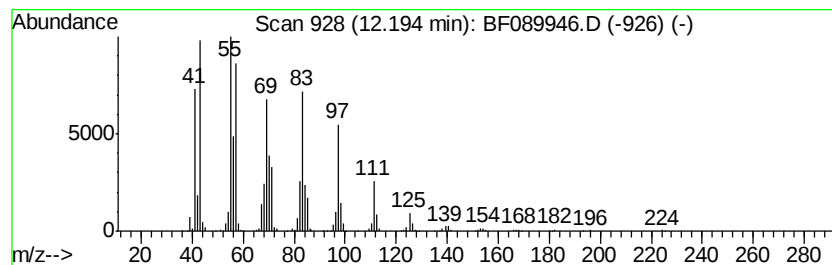
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	16.91 ng	1745880	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	94
2		Cetene	224	C16H32	000629-73-2	91
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Cyclotetradecane	196	C14H28	000295-17-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
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Acq On : 31 Aug 2016 13:15
Operator : UM/SJ
Sample : H4617-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
415LSB1(5)

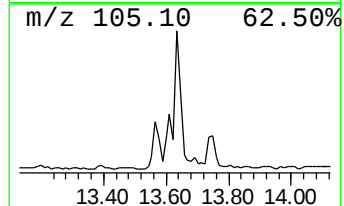
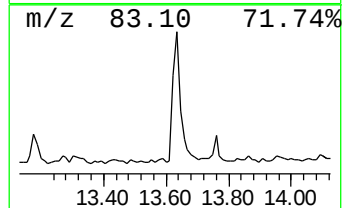
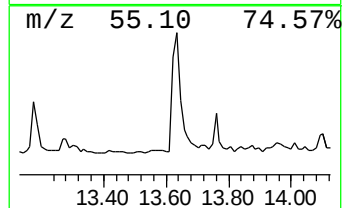
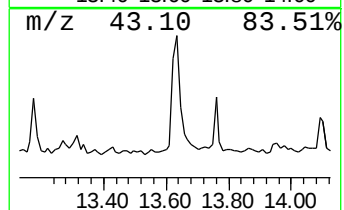
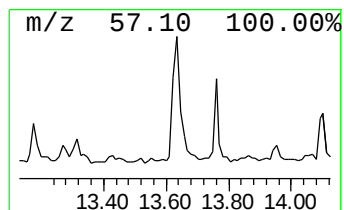
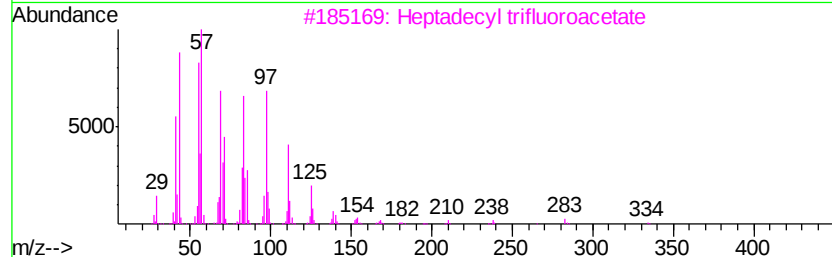
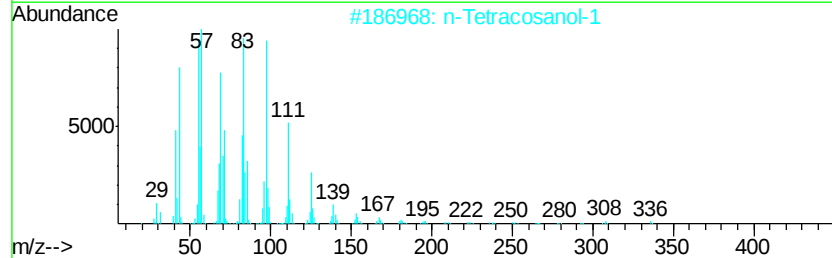
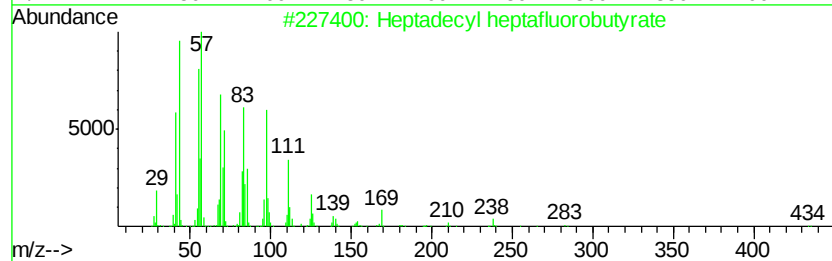
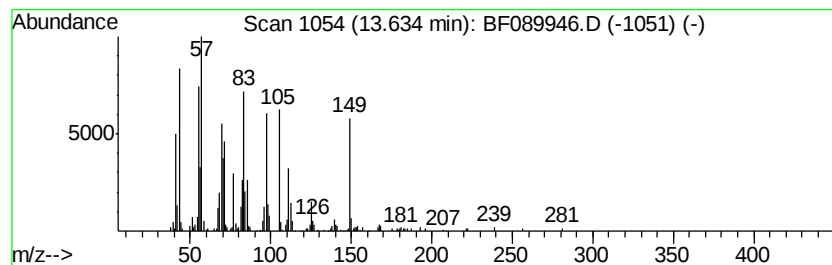
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	4.27 ng	402417	Chrysene-d12	13.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5			1-Heptacosanol	396	C27H56O	002004-39-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
Data File : BF089946.D
Acq On : 31 Aug 2016 13:15
Operator : UM/SJ
Sample : H4617-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	20.2	ng	1600230	1	6.64	1582940	20.0
unknown6.40	6.40	73.6	ng	5822960	1	6.64	1582940	20.0
Tridecane	8.54	2.6	ng	261523	2	7.92	2028820	20.0
Tetradecane	9.10	3.3	ng	380778	3	9.67	2303330	20.0
Pentadecane	10.58	2.3	ng	237355	4	11.13	2065420	20.0
5-Tetradecene, (Z)-	11.38	9.8	ng	1014690	4	11.13	2065420	20.0
Pentadecanoic acid	11.69	2.6	ng	264160	4	11.13	2065420	20.0
1-Hexadecanol	12.19	16.9	ng	1745880	4	11.13	2065420	20.0
Heptadecyl heptaf...	13.63	4.3	ng	402417	5	13.75	1886190	20.0