

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085631.D
 Acq On : 21 Mar 2016 19:30
 Operator : UM/SJ
 Sample : H1841-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

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-BF031816.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	3.475	101	104	107	rVB2	87310	127529	4.10%	0.447%
2	5.030	238	240	247	rBV	213655	348935	11.20%	1.223%
3	5.453	273	277	279	rBV	2351826	3114239	100.00%	10.919%
4	5.853	309	312	314	rVB	23985	31392	1.01%	0.110%
5	6.481	364	367	369	rBV	2482386	2761328	88.67%	9.682%
6	6.607	376	378	381	rBV	2296463	3110606	99.88%	10.907%
7	6.847	396	399	401	rBV	511275	665003	21.35%	2.332%
8	6.996	410	412	415	rBV	2210937	2431463	78.08%	8.525%
9	7.407	445	448	450	rBV	1827312	1867217	59.96%	6.547%
10	7.510	454	457	459	rBV	60627	80970	2.60%	0.284%
11	8.127	508	511	513	rBV	1070699	904796	29.05%	3.172%
12	9.202	602	605	608	rBV	2977405	3092635	99.31%	10.844%
13	9.602	638	640	642	rBV	419078	452862	14.54%	1.588%
14	9.819	655	659	661	rBV2	58122	89902	2.89%	0.315%
15	9.876	662	664	667	rVB	809667	870761	27.96%	3.053%
16	10.288	698	700	701	rBV	47614	46159	1.48%	0.162%
17	10.310	701	702	704	rVB	103171	89095	2.86%	0.312%
18	10.528	718	721	725	rBV	36127	73997	2.38%	0.259%
19	10.665	731	733	736	rBV2	1403229	1810544	58.14%	6.348%
20	10.722	736	738	739	rVV	24530	31409	1.01%	0.110%
21	10.790	742	744	750	rVV	86812	156617	5.03%	0.549%
22	10.973	758	760	762	rBV2	18622	31265	1.00%	0.110%
23	11.236	781	783	784	rBV	76260	81266	2.61%	0.285%
24	11.259	784	785	789	rVB	38134	40702	1.31%	0.143%
25	11.362	792	794	796	rBV	940885	801866	25.75%	2.812%
26	11.419	796	799	803	rVB2	29211	54142	1.74%	0.190%
27	11.591	811	814	818	rBV5	12144	35463	1.14%	0.124%
28	11.659	818	820	822	rVB	54440	46193	1.48%	0.162%
29	11.888	838	840	845	rBV2	67456	87060	2.80%	0.305%
30	12.676	907	909	911	rBV	38549	47735	1.53%	0.167%
31	12.951	930	933	935	rBV	2499265	2426137	77.90%	8.507%
32	13.179	951	953	955	rVB	53017	44636	1.43%	0.157%
33	13.374	968	970	972	rBV	75350	79751	2.56%	0.280%
34	13.522	980	983	984	rBV	47346	53442	1.72%	0.187%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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35	13.842	1009	1011	1019	rBV	114889	196436	6.31%	0.689%
36	13.991	1022	1024	1027	rBV	475003	648154	20.81%	2.273%
37	14.185	1037	1041	1044	rBV2	51892	118442	3.80%	0.415%
38	14.471	1064	1066	1070	rBV	42098	83097	2.67%	0.291%
39	14.745	1088	1090	1097	rVB2	148866	231719	7.44%	0.812%
40	14.905	1102	1104	1106	rBV	75749	80371	2.58%	0.282%
41	15.111	1121	1122	1125	rVV2	35045	54027	1.73%	0.189%
42	15.420	1146	1149	1155	rBV	513599	689125	22.13%	2.416%
43	15.637	1166	1168	1171	rBV2	27886	43379	1.39%	0.152%
44	15.854	1185	1187	1190	rBV	45553	76987	2.47%	0.270%
45	15.980	1196	1198	1205	rVB7	36845	100451	3.23%	0.352%
46	16.608	1251	1253	1257	rVB3	37869	74073	2.38%	0.260%
47	19.317	1486	1490	1497	rVB7	40589	136924	4.40%	0.480%

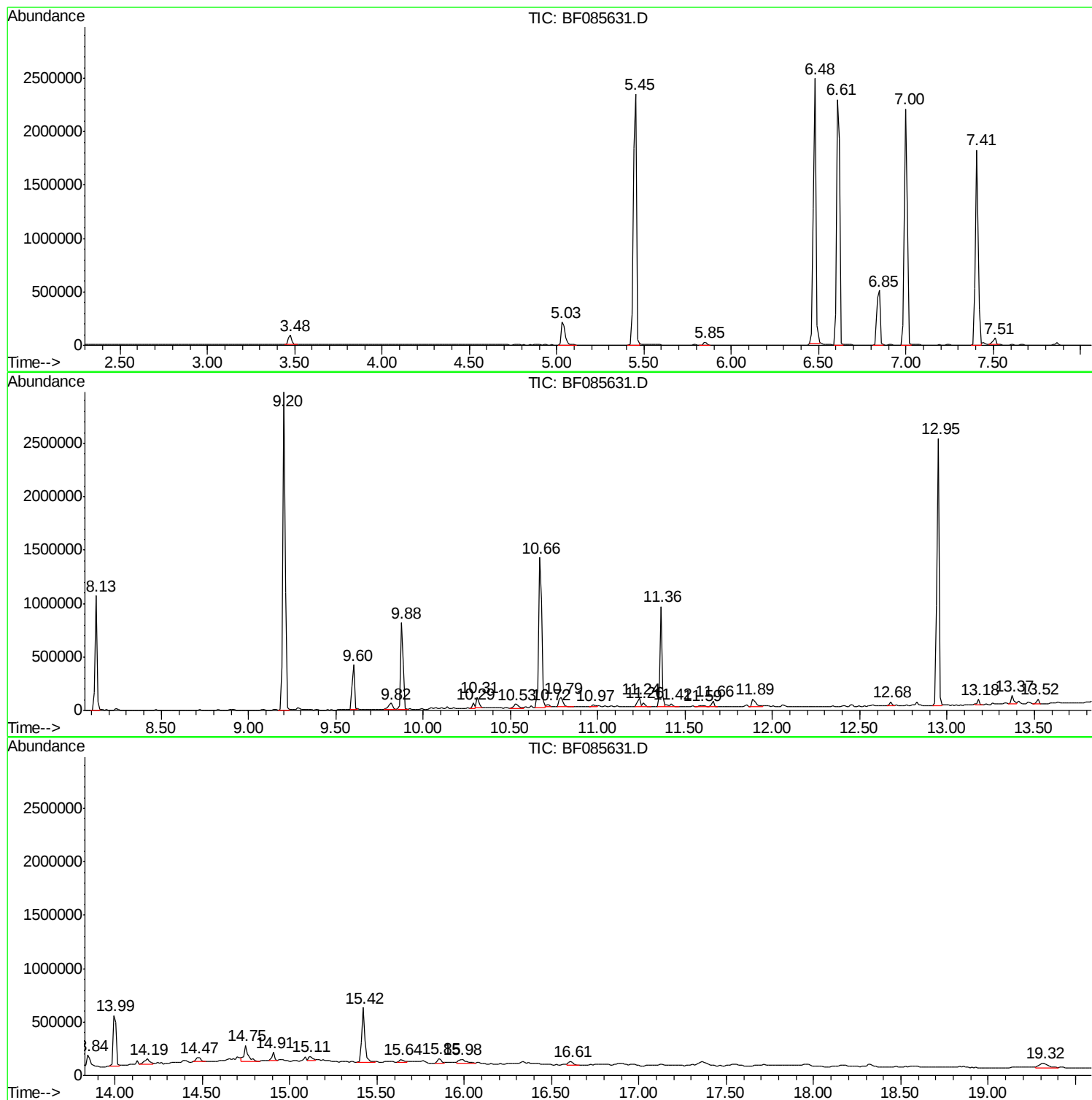
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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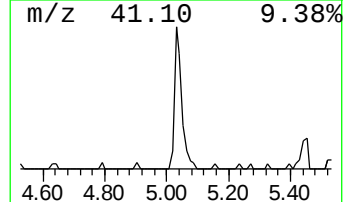
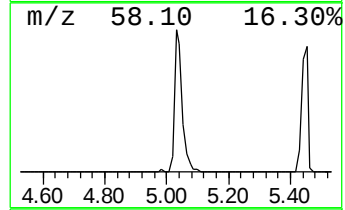
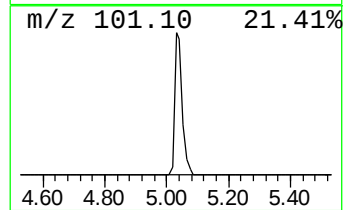
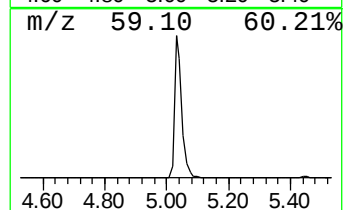
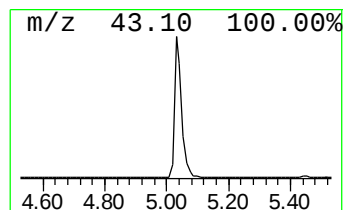
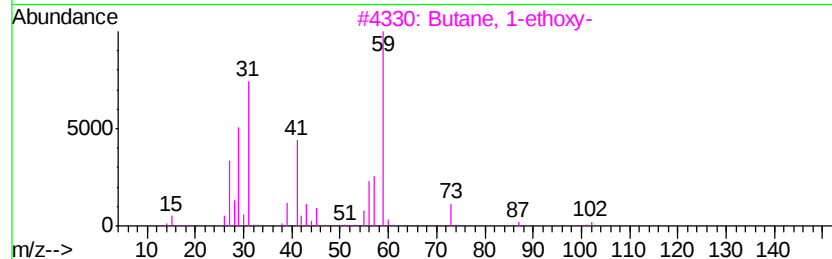
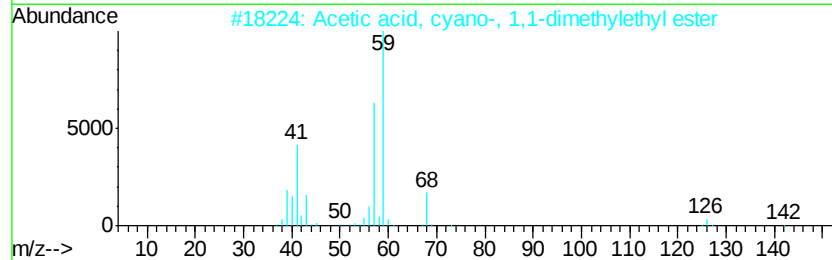
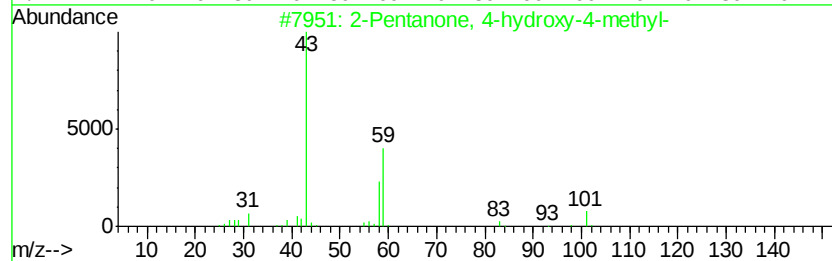
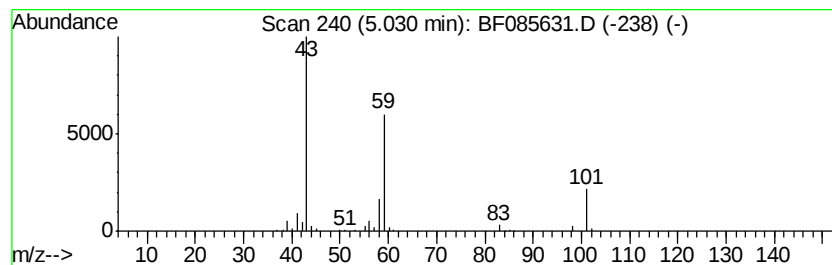
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	10.49 ng	348935	1,4-Dichlorobenzene-d4	6.85

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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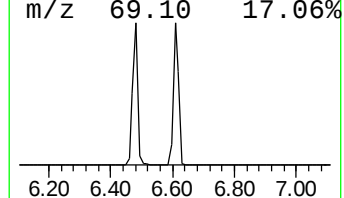
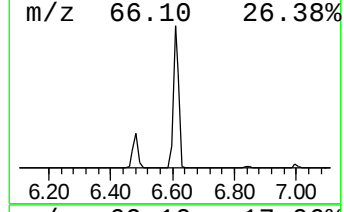
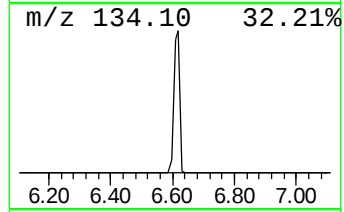
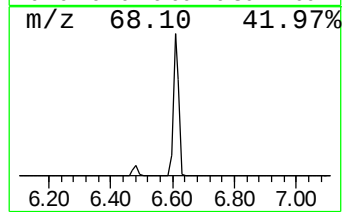
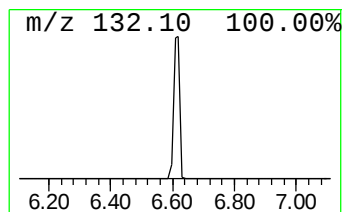
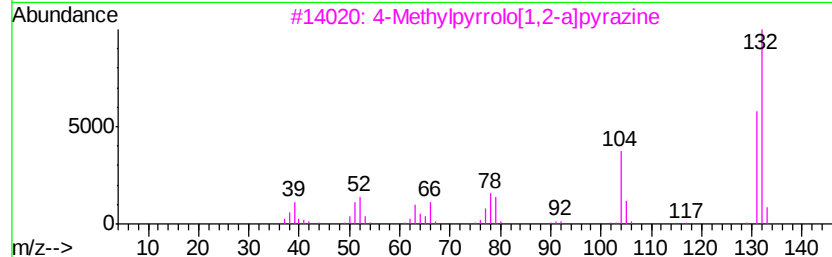
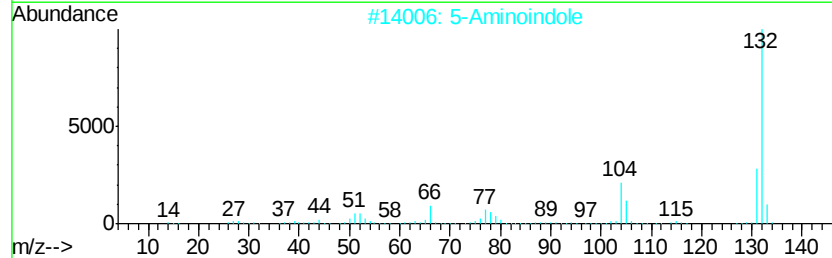
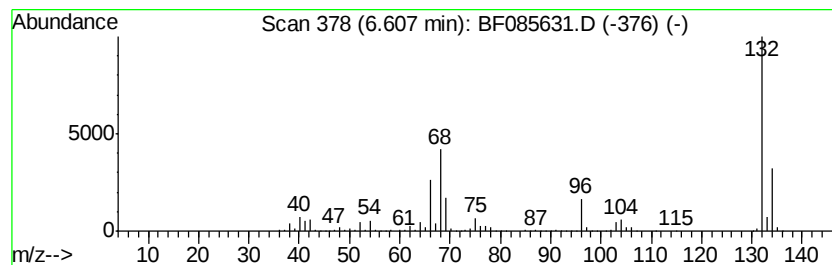
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	93.55 ng	3110610	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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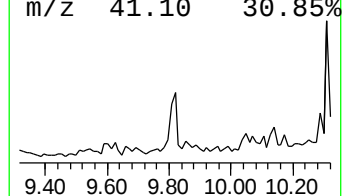
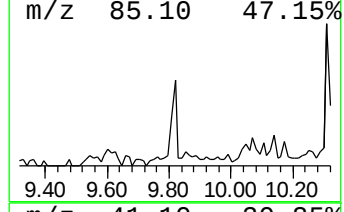
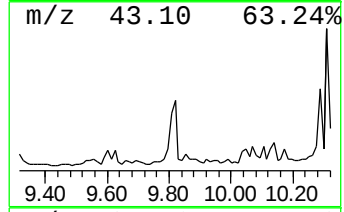
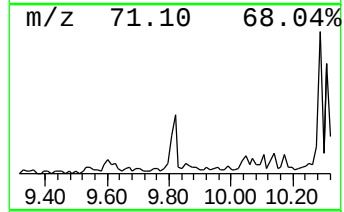
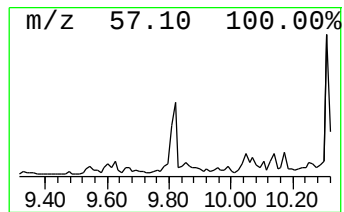
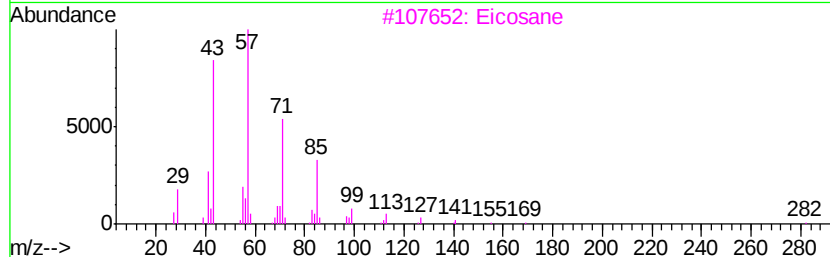
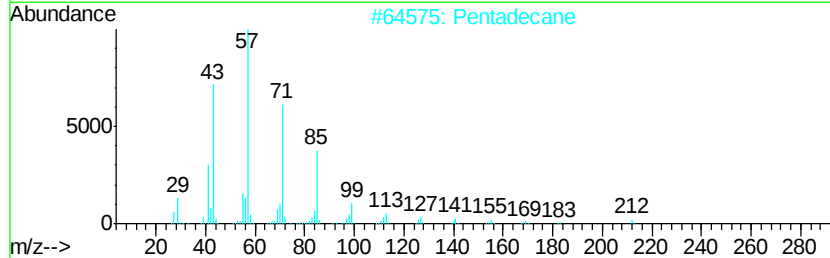
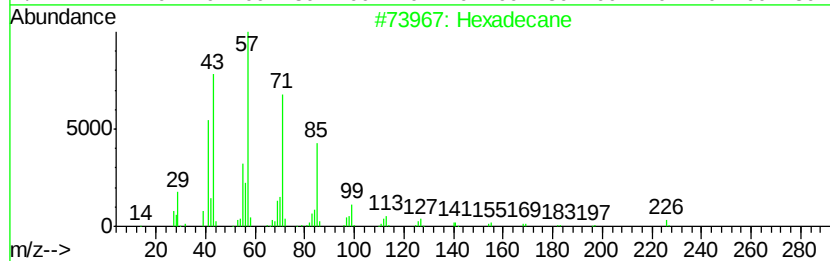
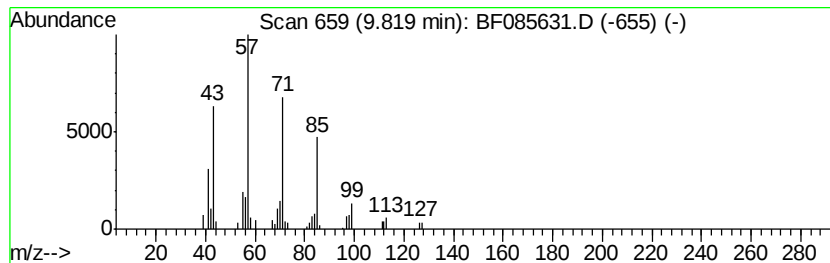
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.06 ng	89902	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Tetradecane	198	C14H30	000629-59-4	86
5		Nonadecane	268	C19H40	000629-92-5	72



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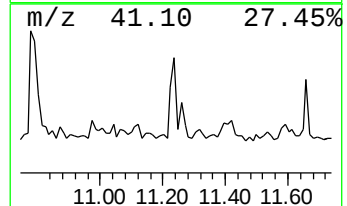
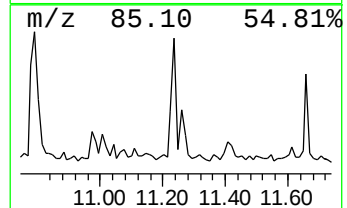
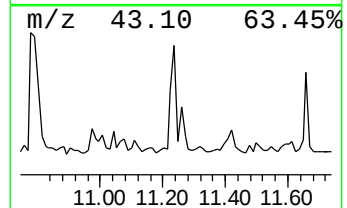
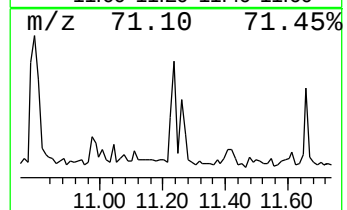
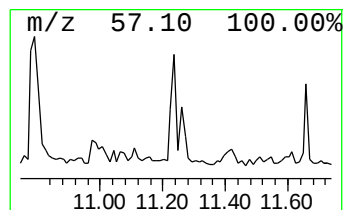
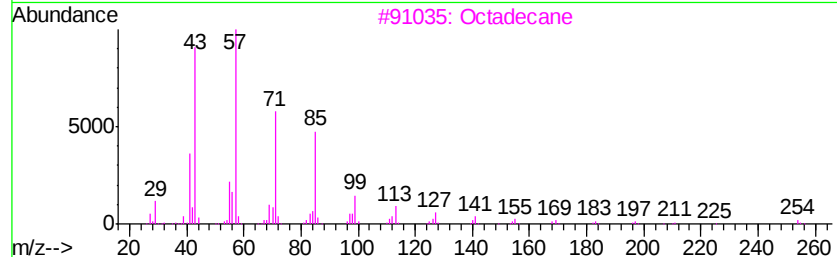
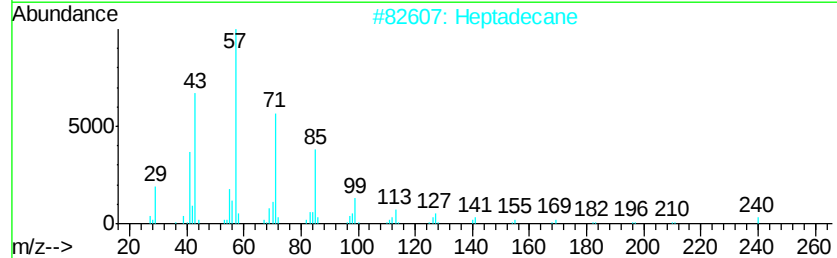
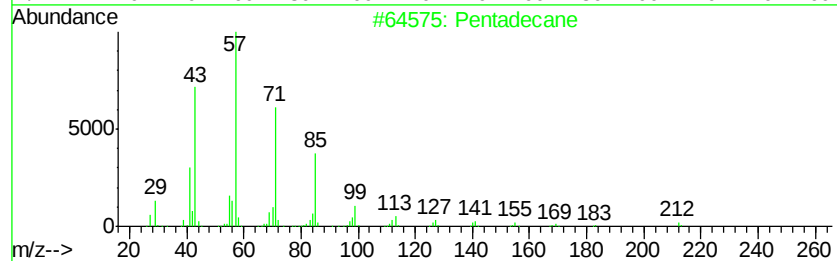
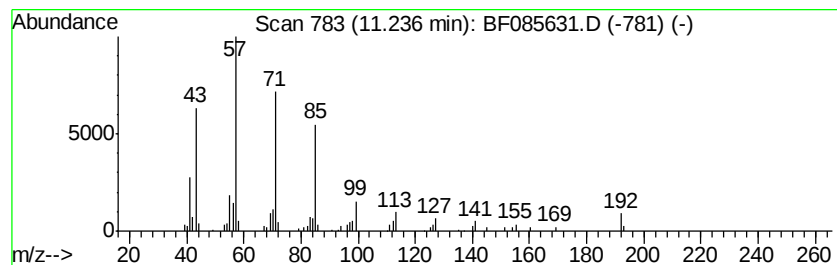
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.24	2.03 ng	81266	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	87
2	Heptadecane		240	C17H36	000629-78-7	87
3	Octadecane		254	C18H38	000593-45-3	87
4	Hexadecane		226	C16H34	000544-76-3	86
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80



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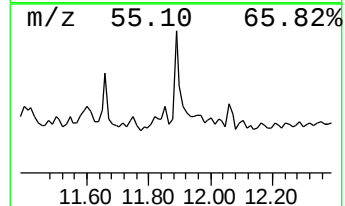
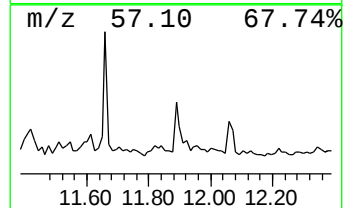
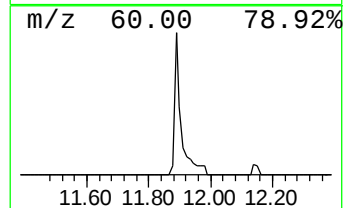
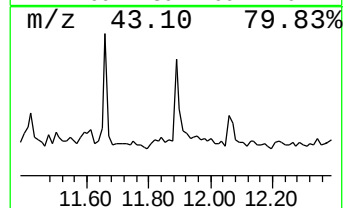
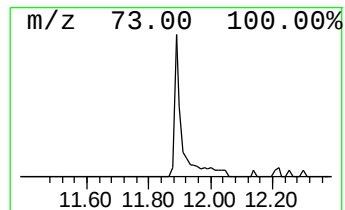
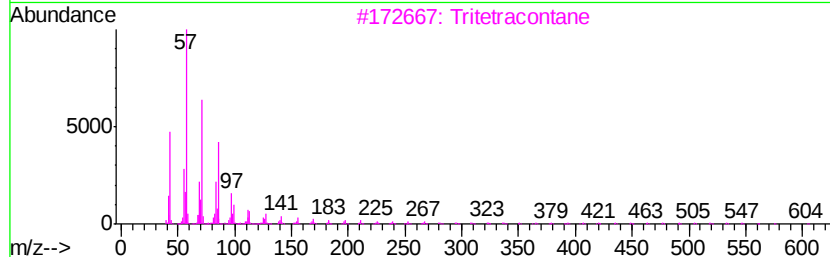
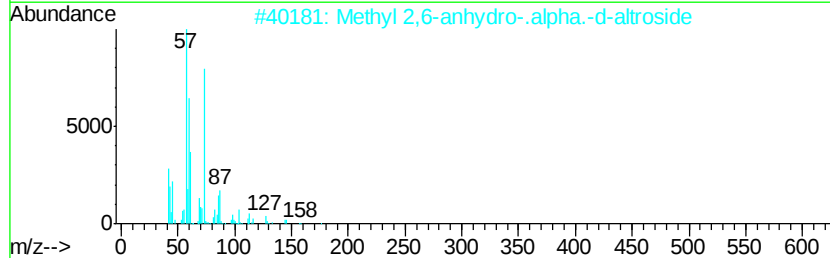
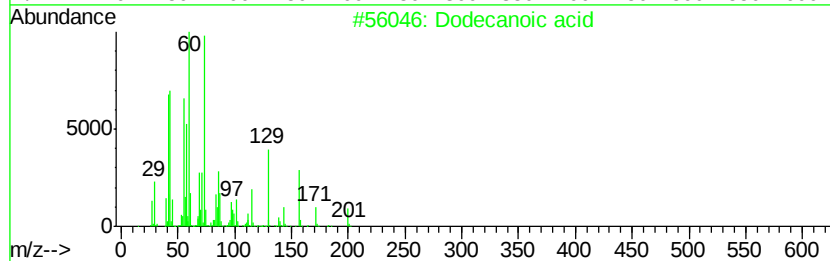
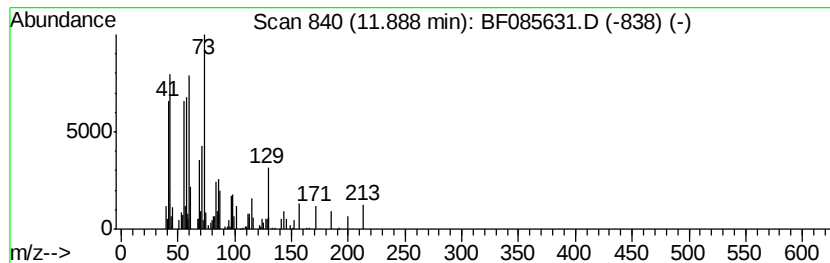
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 9 Dodecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.17 ng	87060	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	72
2			Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	14
3			Tritetracontane	605	C43H88	007098-21-7	11
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	10
5			Decane, 2-methyl-	156	C11H24	006975-98-0	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085631.D
Acq On : 21 Mar 2016 19:30
Operator : UM/SJ
Sample : H1841-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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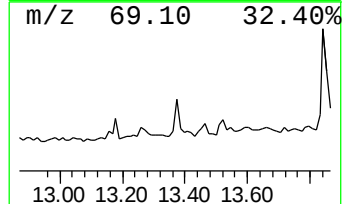
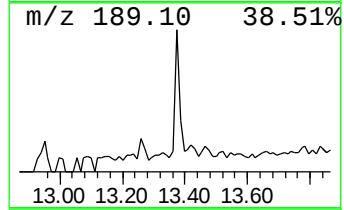
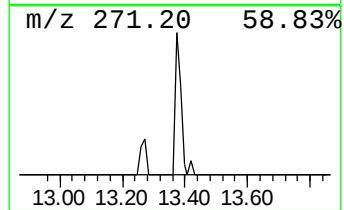
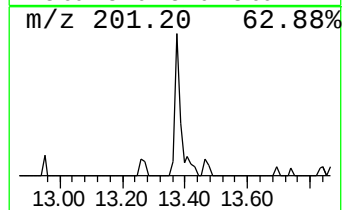
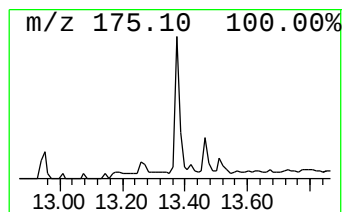
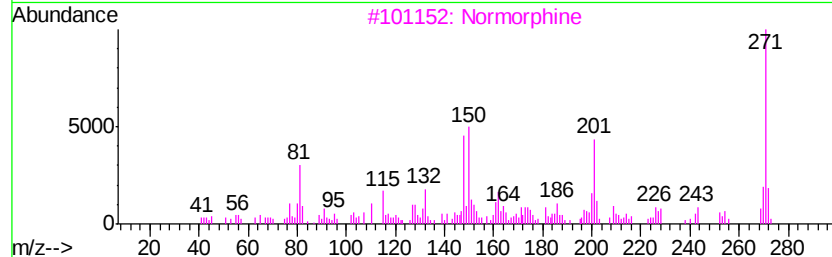
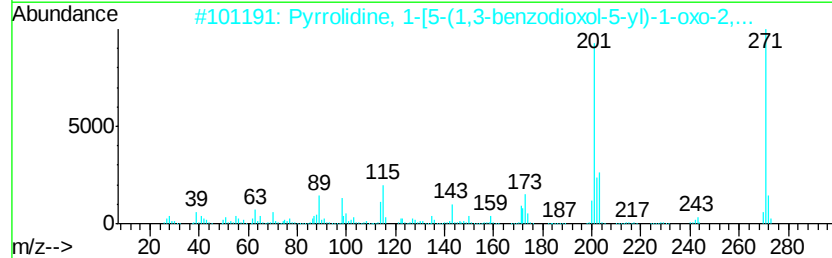
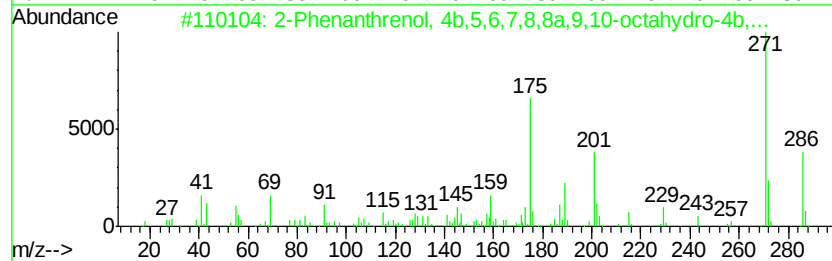
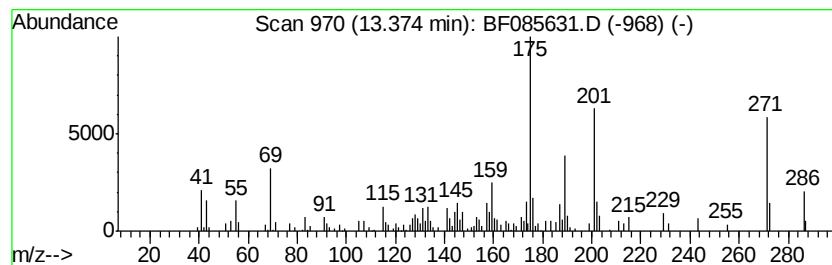
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.46 ng	79751	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	58
2		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
3		Normorphine	271	C16H17NO3	000466-97-7	22
4		Bis[3,3,4,7-tetramethyl-1,3-2H-b...	366	C24H30O3	146950-82-5	18
5		Isoquinolin-6,7-diol, 1-methyl-	175	C10H9NO2	123438-49-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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Sample : H1841-01
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ClientSampleId :
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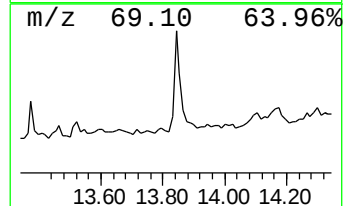
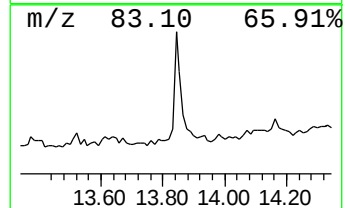
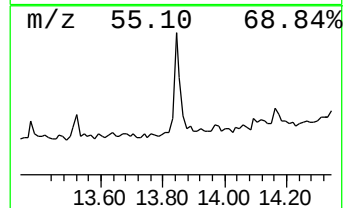
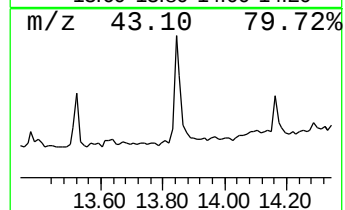
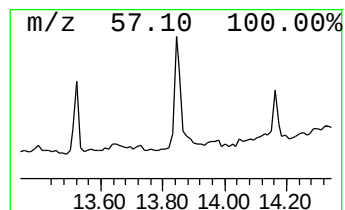
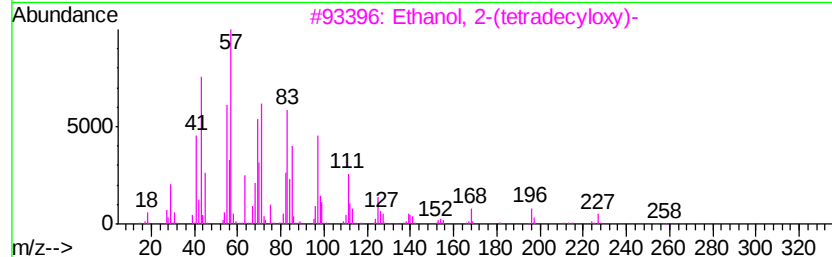
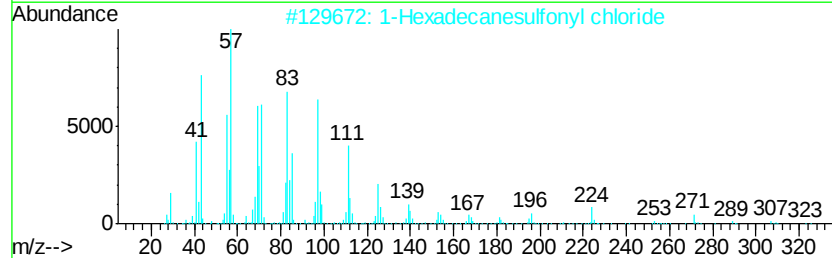
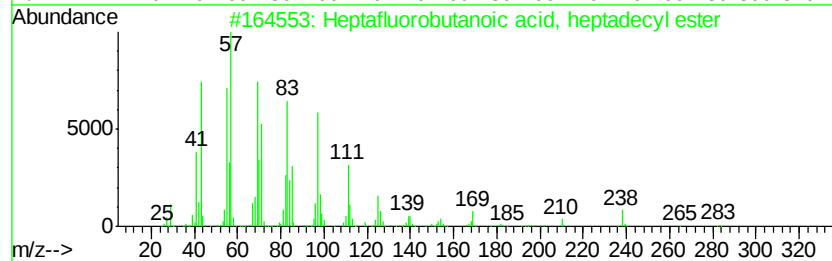
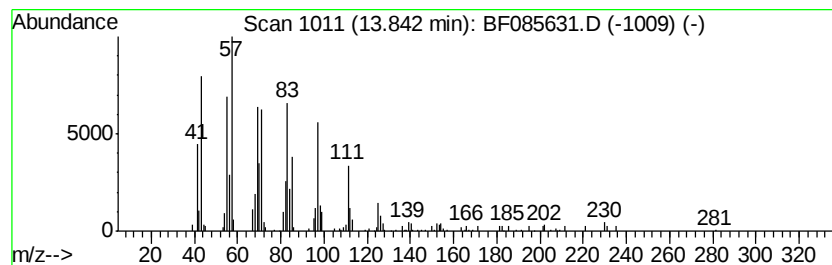
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.06 ng	196436	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



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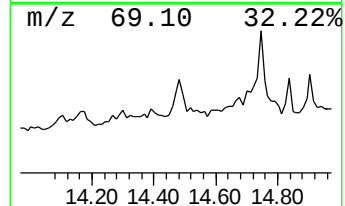
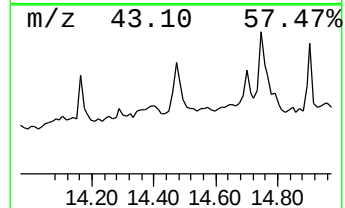
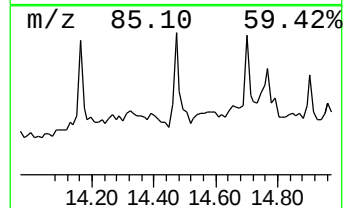
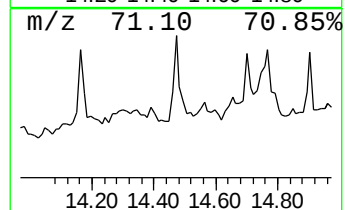
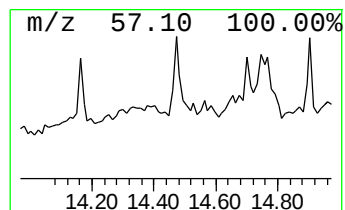
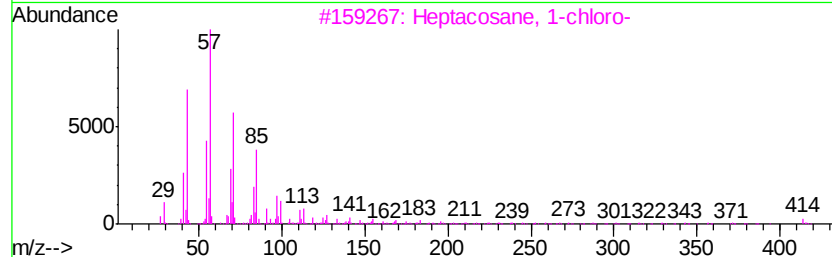
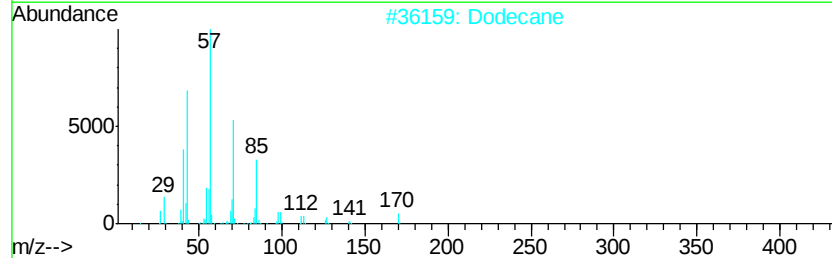
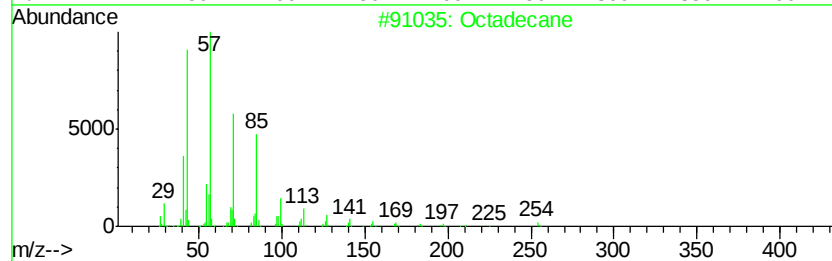
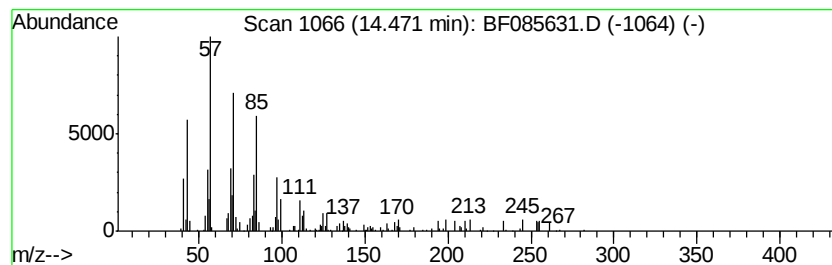
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.56 ng	83097	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	83
2	Dodecane	170 C12H26	000112-40-3	60
3	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	52
4	Tritetracontane	605 C43H88	007098-21-7	50
5	Hexadecane	226 C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
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ALS Vial : 16 Sample Multiplier: 1

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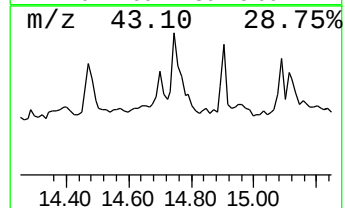
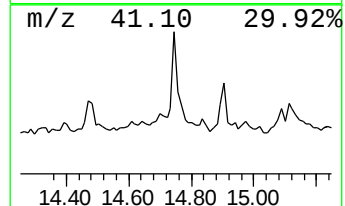
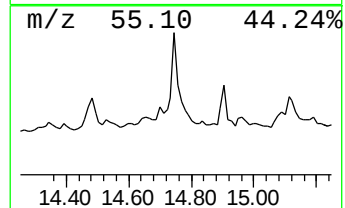
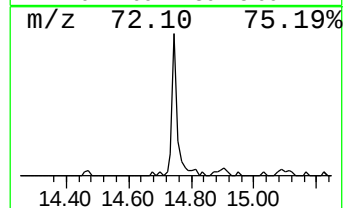
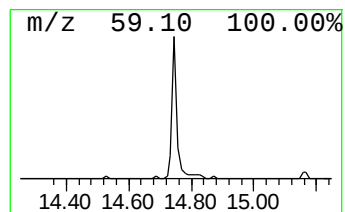
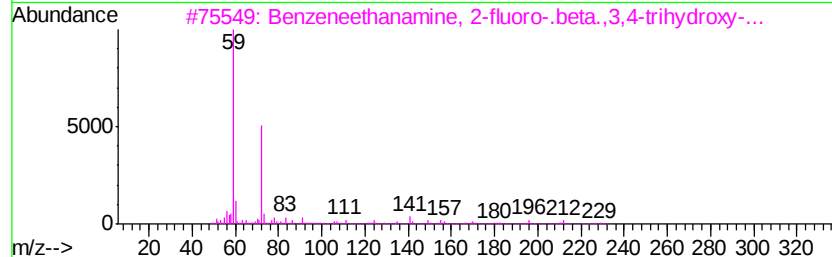
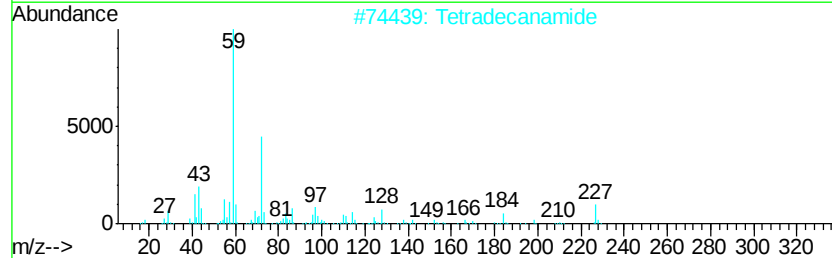
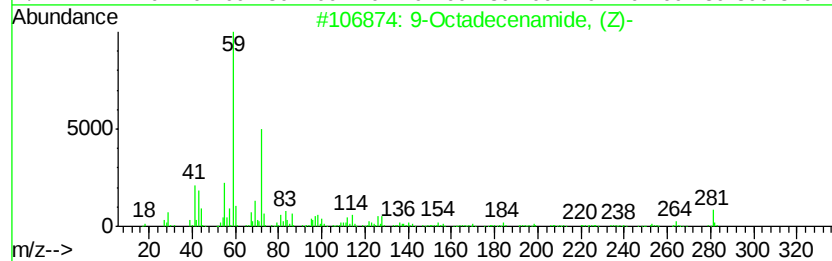
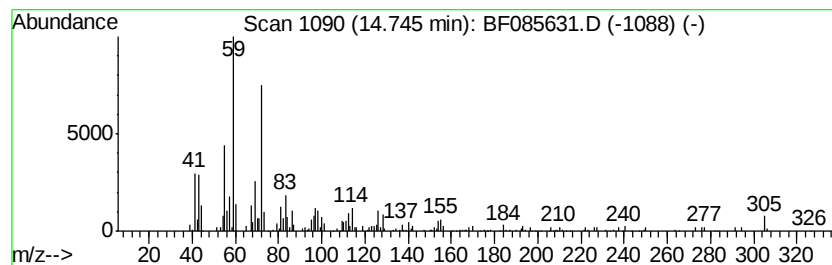
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	6.73 ng	231719	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		Tetradecanamide	227	C14H29NO	000638-58-4	59
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	59
4		Octadecanamide	283	C18H37NO	000124-26-5	53
5		7-Nonenamide	155	C9H17NO	090949-53-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085631.D
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ALS Vial : 16 Sample Multiplier: 1

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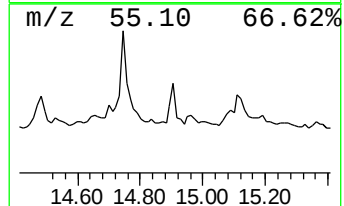
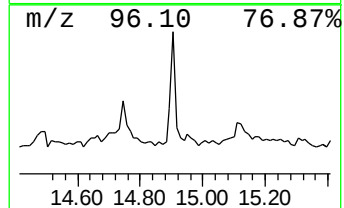
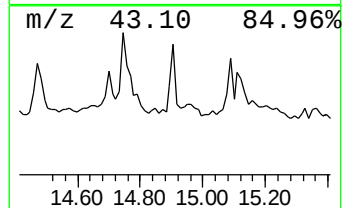
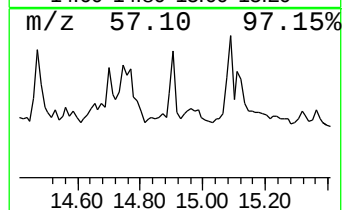
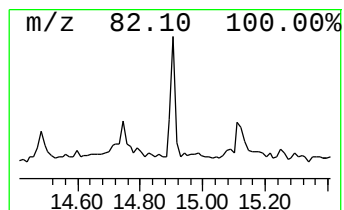
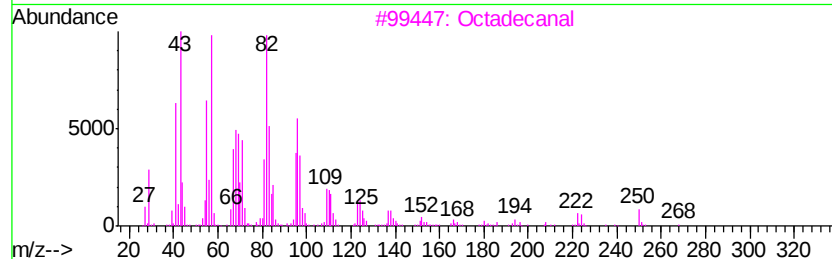
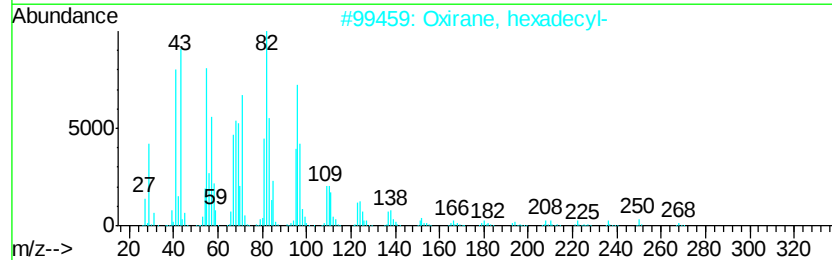
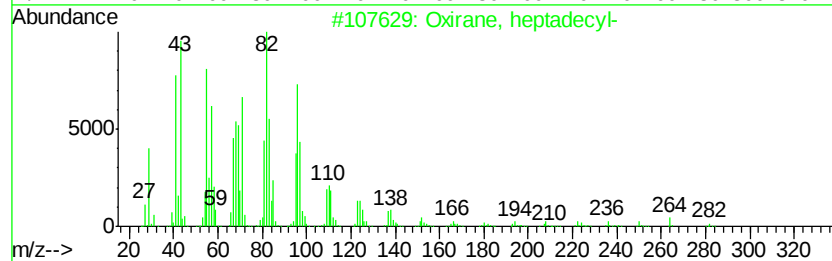
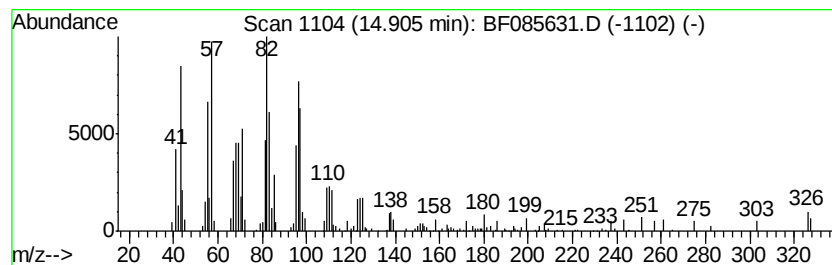
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, heptadecyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.33 ng	80371	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			1,19-Eicosadiene	278	C20H38	014811-95-1	87
5			1,15-Pentadecanediol	244	C15H32O2	014722-40-8	83



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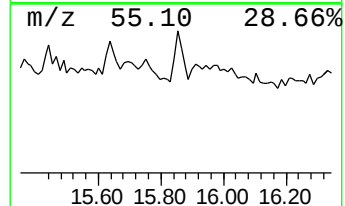
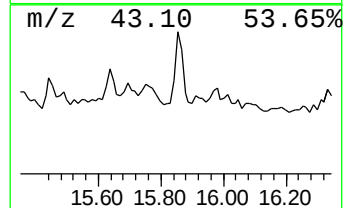
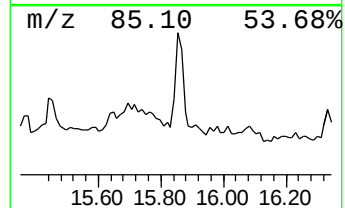
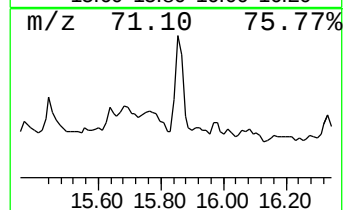
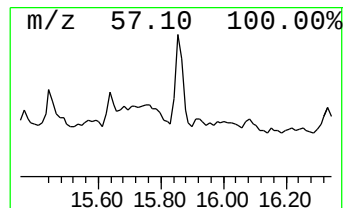
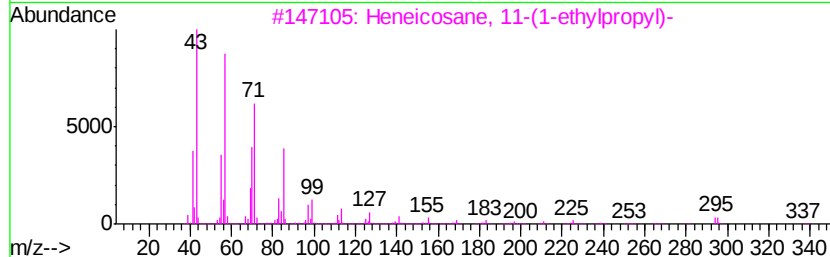
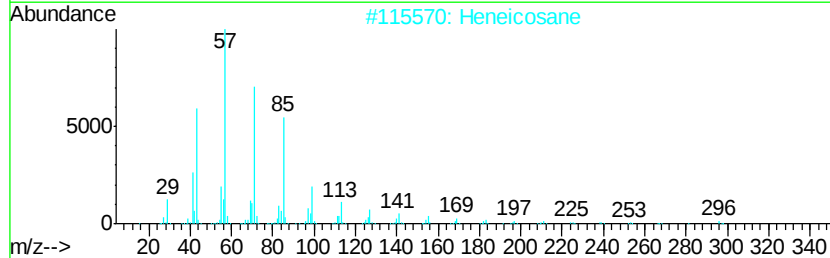
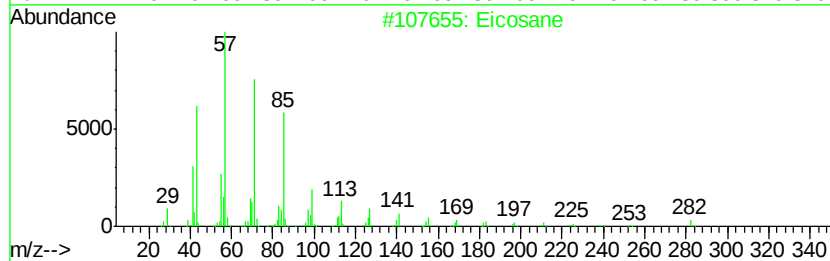
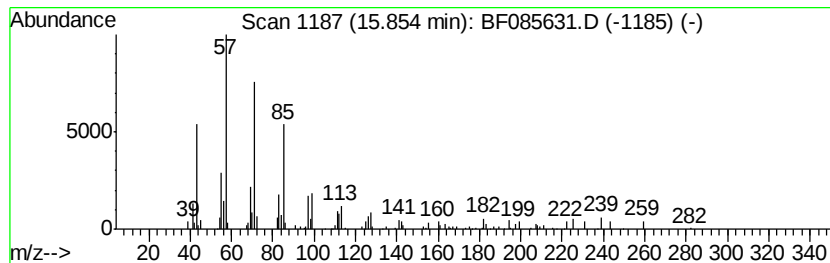
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ClientSampleId :
NORTH-WALL(3-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.23 ng	76987	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Heneicosane	296 C21H44	000629-94-7	87
3	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	87
4	Heptacosane	380 C27H56	000593-49-7	86
5	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	86



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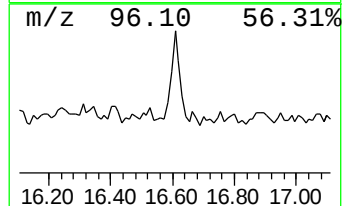
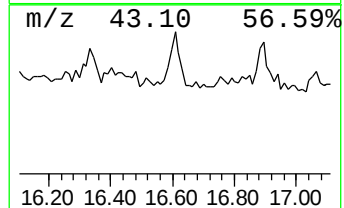
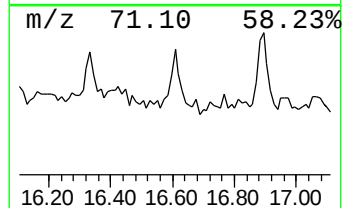
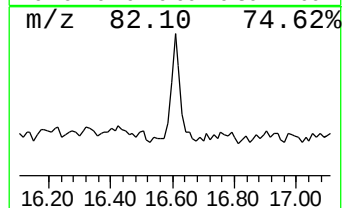
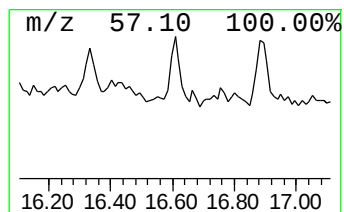
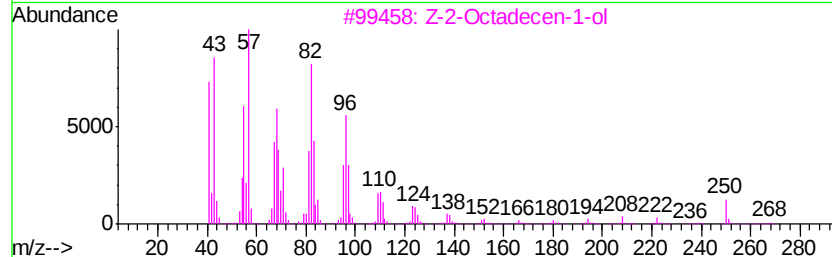
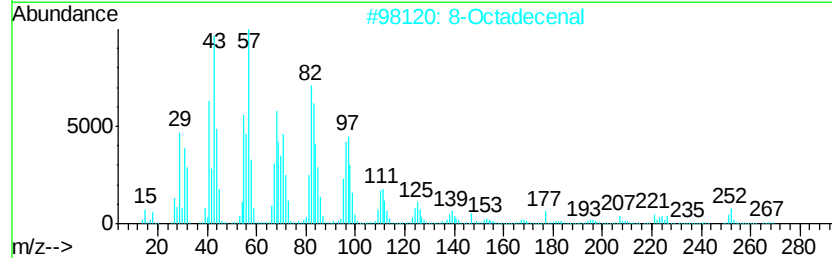
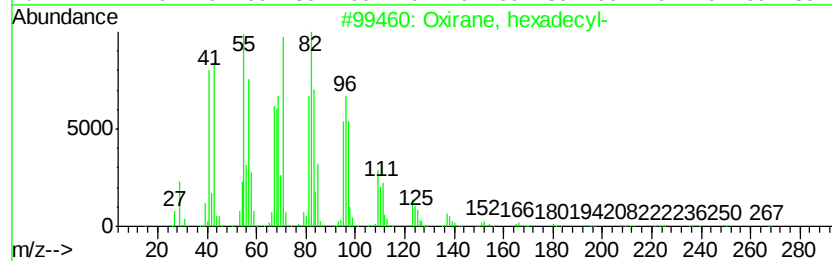
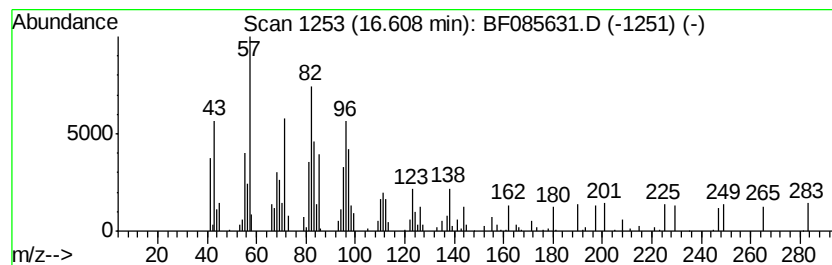
Instrument :
BNA_F
ClientSampleId :
NORTH-WALL(3-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Oxirane, hexadecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.61	2.15 ng	74073	Perylene-d12		15.42		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
2			8-Octadecenal	266	C18H34O	056554-94-0	50
3			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	43
4			8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	35
5			Pseudoecgoninol	171	C9H17NO2	1000128-09-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085631.D
Acq On : 21 Mar 2016 19:30
Operator : UM/SJ
Sample : H1841-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-WALL(3-5)

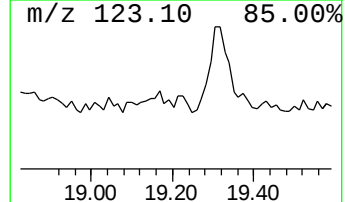
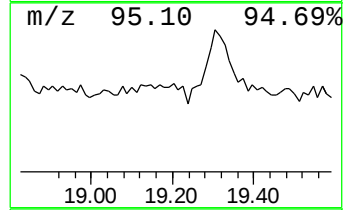
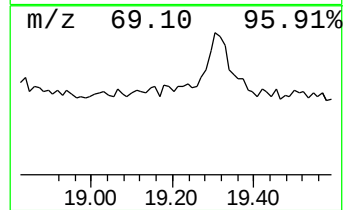
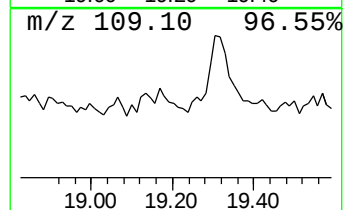
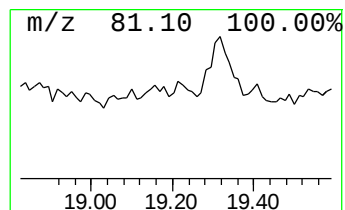
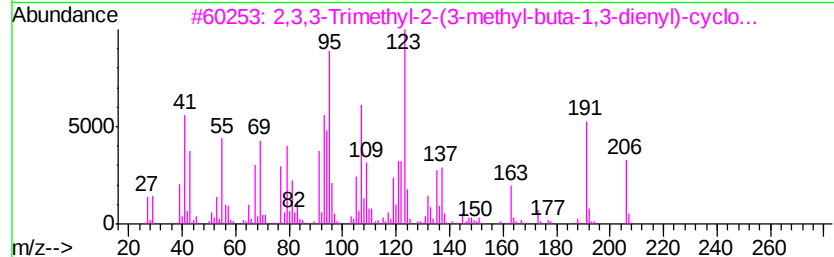
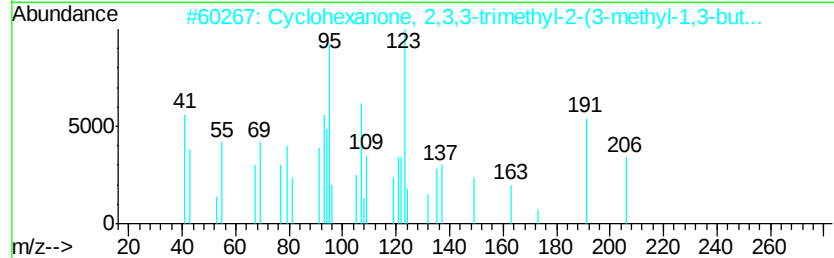
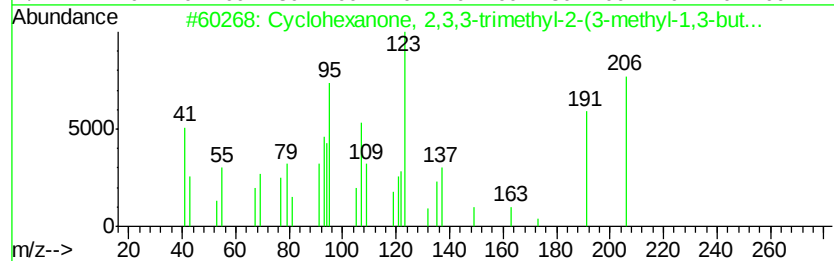
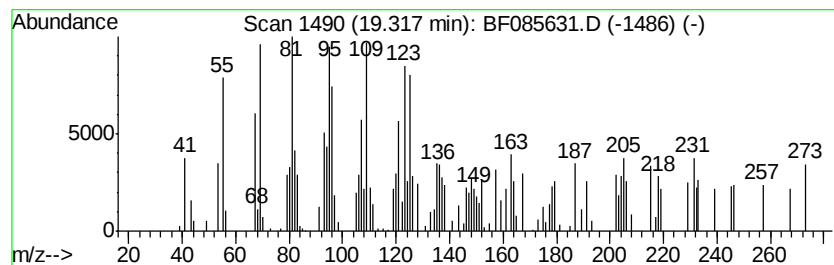
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclohexanone, 2,3,3-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	3.97 ng	136924	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	51
2		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	50
3		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	49
4		1,3,3-Trimethylcyclohex-1-ene-4-...	152	C10H16O	127128-60-3	38
5		3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085631.D
 Acq On : 21 Mar 2016 19:30
 Operator : UM/SJ
 Sample : H1841-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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...	5.03	10.5	ng	348935	1	6.85	665003	20.0
unknown6.61	6.61	93.5	ng	3110610	1	6.85	665003	20.0
Hexadecane	9.82	2.1	ng	89902	3	9.88	870761	20.0
Pentadecane	11.24	2.0	ng	81266	4	11.36	801866	20.0
Dodecanoic acid	11.89	2.2	ng	87060	4	11.36	801866	20.0
2-Phenanthrenol, ...	13.37	2.5	ng	79751	5	14.00	648154	20.0
Heptafluorobutano...	13.84	6.1	ng	196436	5	14.00	648154	20.0
Octadecane	14.47	2.6	ng	83097	5	14.00	648154	20.0
9-Octadecenamide,...	14.75	6.7	ng	231719	6	15.42	689125	20.0
Oxirane, heptadecyl-	14.91	2.3	ng	80371	6	15.42	689125	20.0
Eicosane	15.85	2.2	ng	76987	6	15.42	689125	20.0
Oxirane, hexadecyl-	16.61	2.1	ng	74073	6	15.42	689125	20.0
Cyclohexanone, 2,...	19.32	4.0	ng	136924	6	15.42	689125	20.0