

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085218.D
 Acq On : 4 Mar 2016 22:29
 Operator : SJ/IZ
 Sample : H1645-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELP-7

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	2.641	28	31	40	rVB2	20134	64306	1.21%	0.148%
2	2.927	54	56	60	rVB	145812	195270	3.68%	0.450%
3	4.481	189	192	195	rVB	114363	132790	2.50%	0.306%
4	5.190	251	254	258	rBV	968011	1398343	26.35%	3.225%
5	5.590	286	289	291	rBV	3420306	3723656	70.17%	8.587%
6	6.596	374	377	379	rVB	3177252	3328162	62.71%	7.675%
7	6.744	387	390	392	rBV	3129915	4196502	79.08%	9.677%
8	6.973	408	410	412	rBV	1020042	994138	18.73%	2.292%
9	7.133	421	424	426	rVB	2901836	3646029	68.70%	8.408%
10	7.533	456	459	461	rBV	2826361	2983175	56.21%	6.879%
11	7.750	473	478	479	rBV2	36934	70203	1.32%	0.162%
12	7.967	492	497	501	rBV3	52473	111145	2.09%	0.256%
13	8.173	510	515	519	rBV4	24937	93071	1.75%	0.215%
14	8.253	519	522	526	rVV2	1538847	1977344	37.26%	4.560%
15	8.322	526	528	533	rVB2	63681	146294	2.76%	0.337%
16	8.585	547	551	555	rBV2	39606	56874	1.07%	0.131%
17	8.962	582	584	587	rVB	72679	70169	1.32%	0.162%
18	9.328	613	616	618	rBV	3876853	5306980	100.00%	12.238%
19	9.716	649	650	652	rBV	76466	72219	1.36%	0.167%
20	9.933	664	669	671	rVB2	69428	87491	1.65%	0.202%
21	9.968	671	672	673	rBV	41993	55326	1.04%	0.128%
22	10.013	673	676	678	rVV	1406598	1422921	26.81%	3.281%
23	10.208	691	693	696	rVB2	54880	73057	1.38%	0.168%
24	10.436	710	713	715	rBV2	135277	146998	2.77%	0.339%
25	10.539	719	722	726	rVB2	52756	107811	2.03%	0.249%
26	10.653	729	732	735	rBV	32887	65129	1.23%	0.150%
27	10.802	741	745	747	rBV	2762213	3111564	58.63%	7.175%
28	10.905	753	754	756	rBV	82798	155210	2.92%	0.358%
29	10.939	756	757	759	rVV	103169	81251	1.53%	0.187%
30	11.008	761	763	765	rVV2	86956	93044	1.75%	0.215%
31	11.111	769	772	774	rVV2	33421	66834	1.26%	0.154%
32	11.156	774	776	778	rVV	69997	90230	1.70%	0.208%
33	11.191	778	779	780	rVV	78395	63570	1.20%	0.147%
34	11.362	792	794	799	rVB2	37686	66389	1.25%	0.153%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.499	803	806	808	rBV	1320130	1536150	28.95%	3.542%
36	12.014	849	851	853	rBV	337112	316468	5.96%	0.730%
37	12.699	907	911	917	rBV5	29037	98521	1.86%	0.227%
38	12.802	917	920	927	rVV	291537	336104	6.33%	0.775%
39	13.076	941	944	947	rBV	3066849	4425354	83.39%	10.205%
40	13.968	1020	1022	1026	rBV2	50946	61655	1.16%	0.142%
41	14.128	1032	1036	1039	rBV	1285809	1212321	22.84%	2.796%
42	15.602	1161	1165	1173	rBV	517572	787261	14.83%	1.815%
43	16.311	1224	1227	1232	rBV3	84472	185947	3.50%	0.429%
44	16.517	1241	1245	1247	rBV	47870	89336	1.68%	0.206%
45	17.431	1322	1325	1329	rVB4	29841	62580	1.18%	0.144%

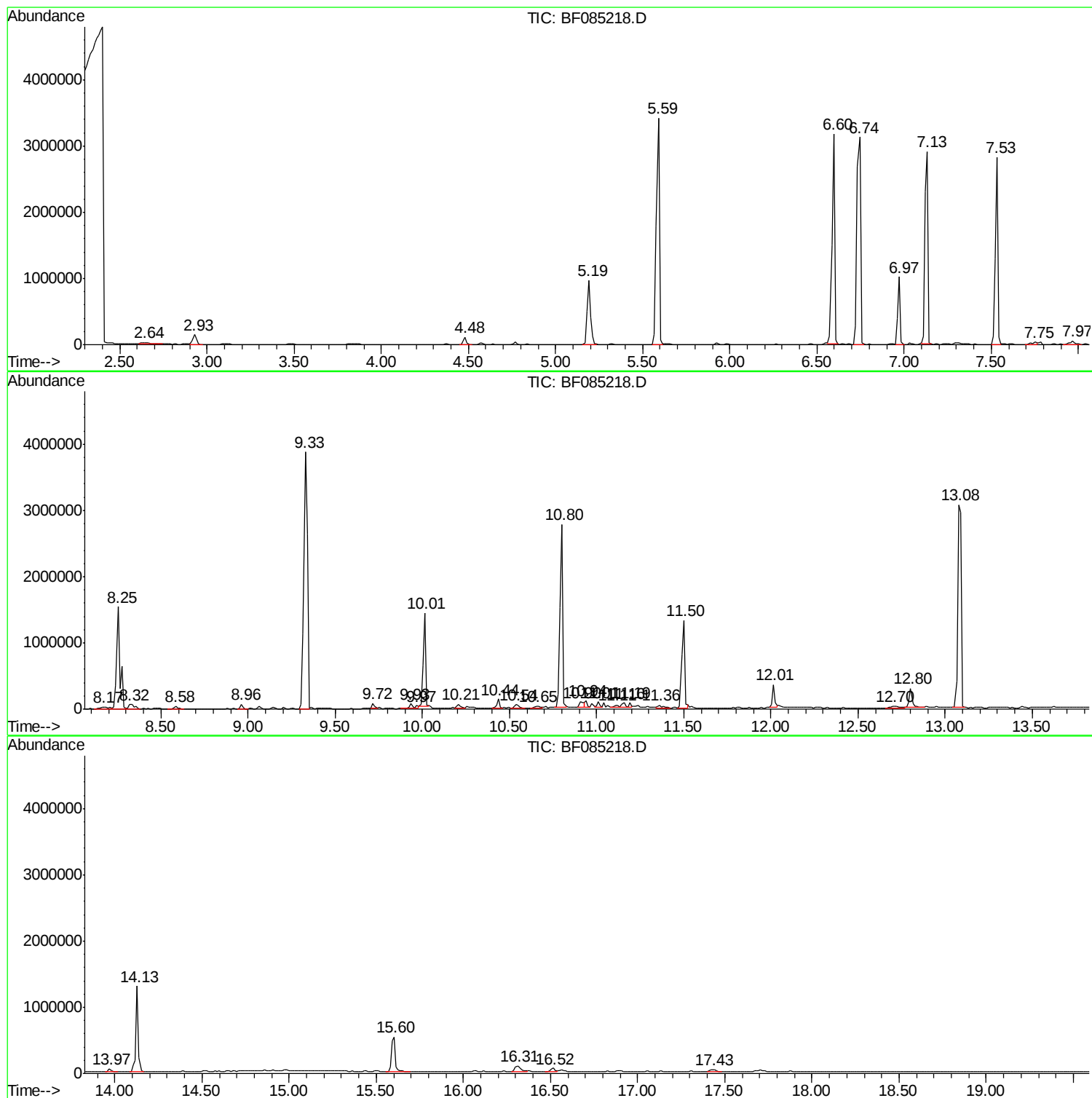
Sum of corrected areas: 43365192

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

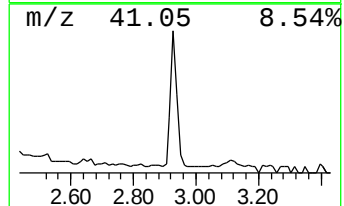
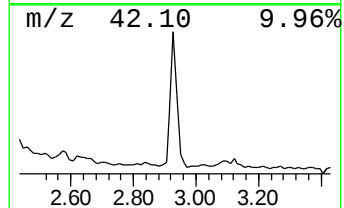
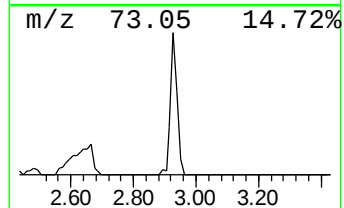
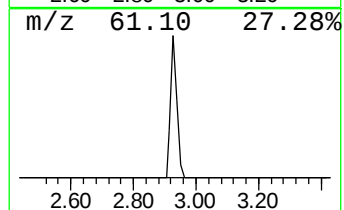
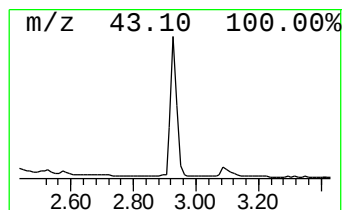
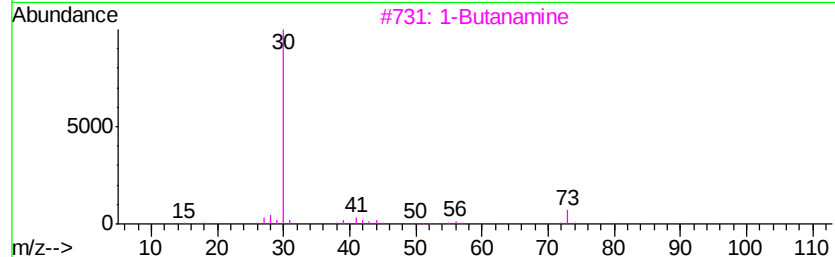
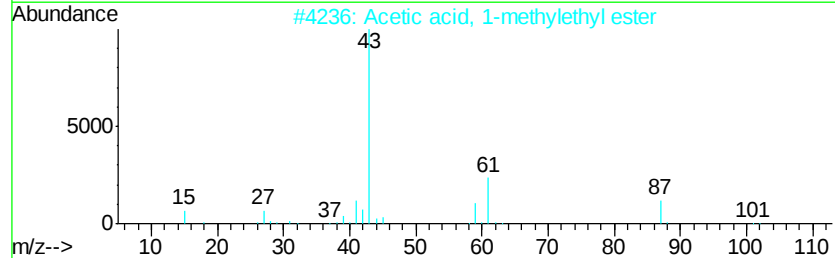
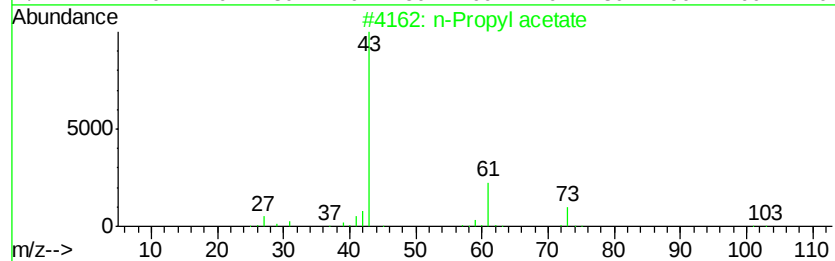
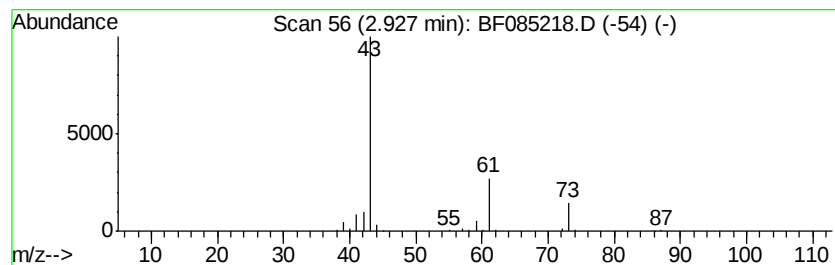
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Propyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	3.93 ng	195270	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2		Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	36
3		1-Butanamine	73	C4H11N	000109-73-9	9
4		Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
5		Isobutylamine	73	C4H11N	000078-81-9	5



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

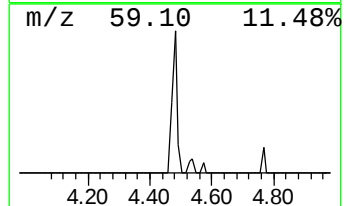
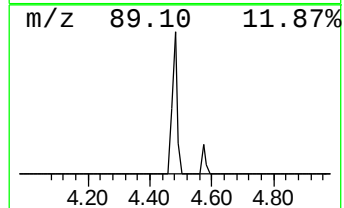
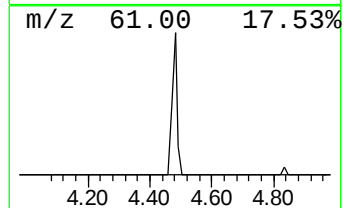
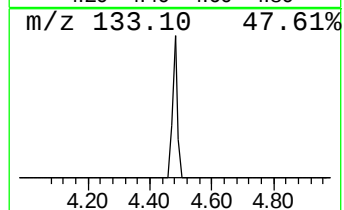
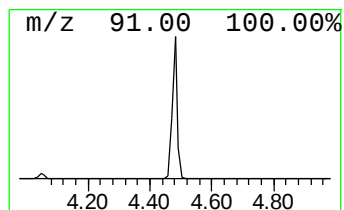
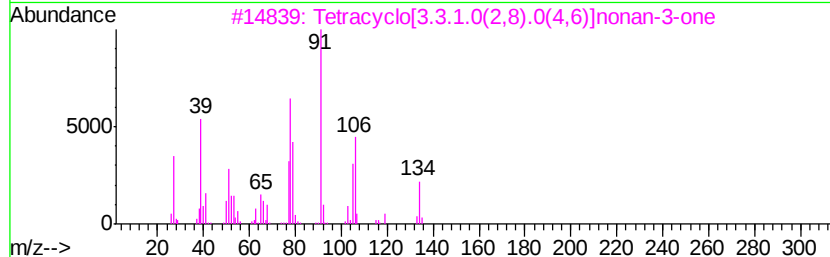
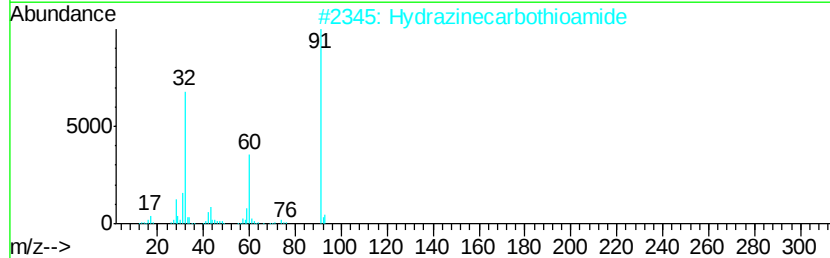
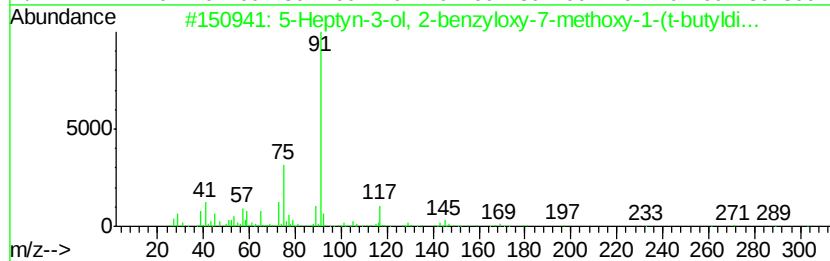
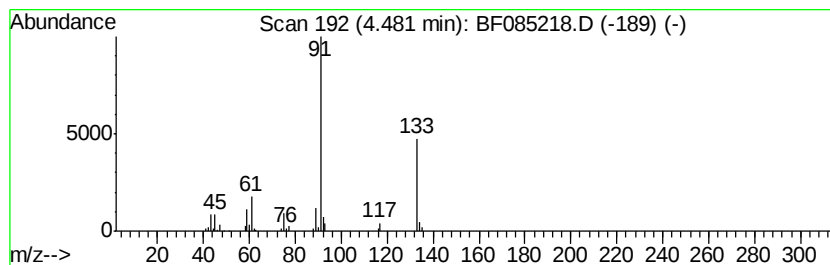
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown4.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	2.67 ng	132790	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Heptyn-3-ol, 2-benzvloxv-7-met...	378	C21H34O4Si	1000192-35-5	27
2		Hydrazinecarbothioamide	91	CH5N3S	000079-19-6	9
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]n...	134	C9H10O	001903-34-0	9
4		N-(2-Thioethyl) N'-methyl urea	134	C4H10N2OS	072545-68-7	9
5		Bicyclo[3.1.0]hex-2-ene, 4-methy...	134	C10H14	036262-09-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

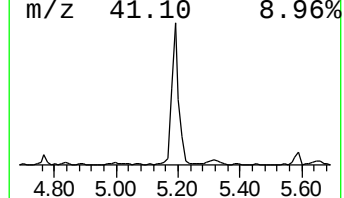
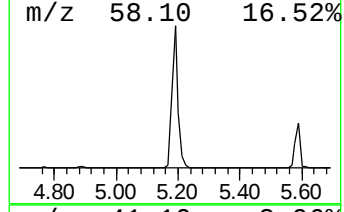
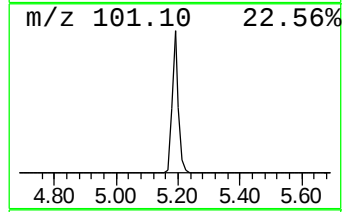
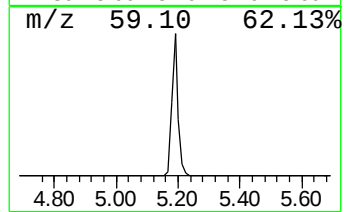
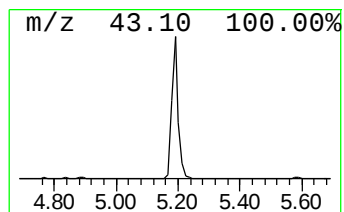
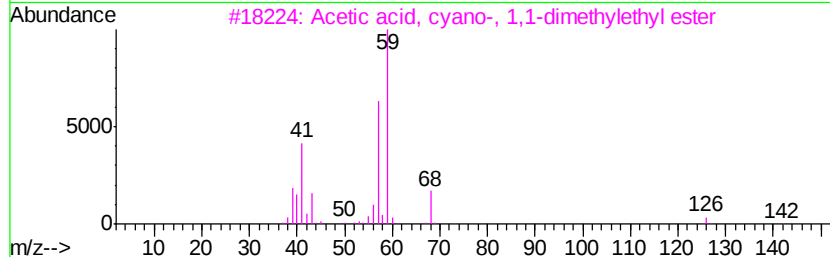
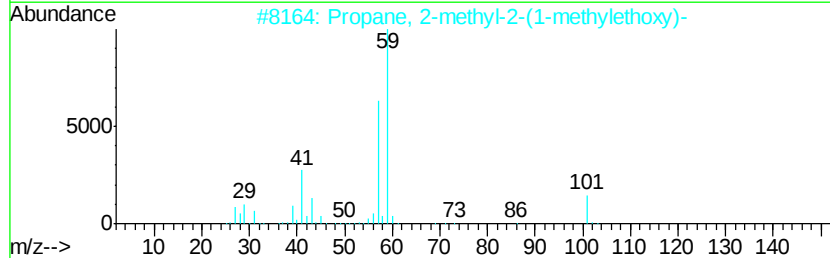
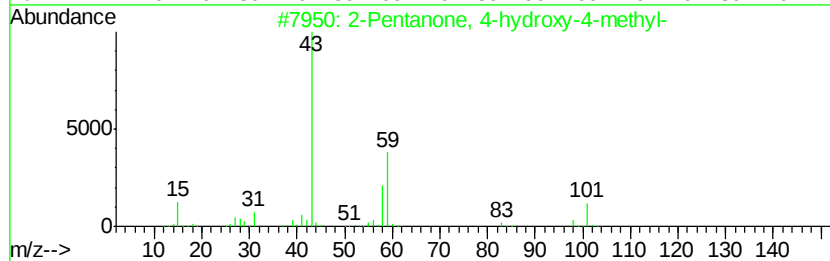
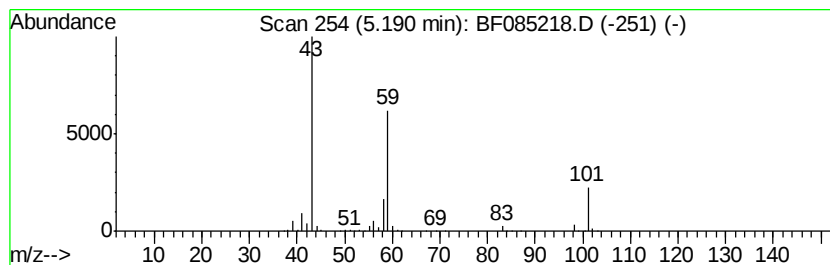
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	28.13 ng	1398340	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

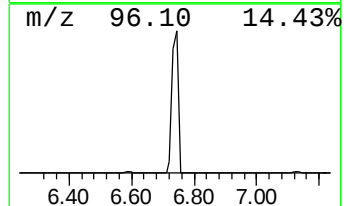
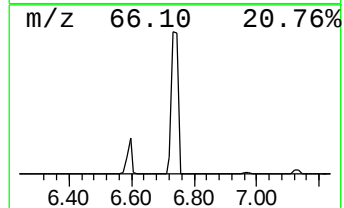
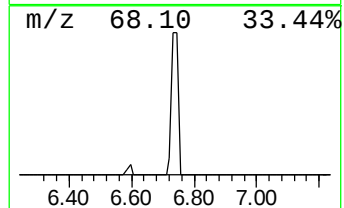
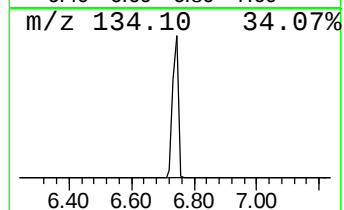
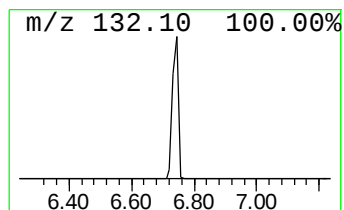
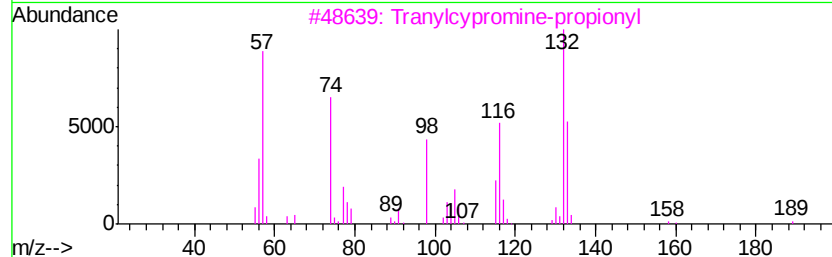
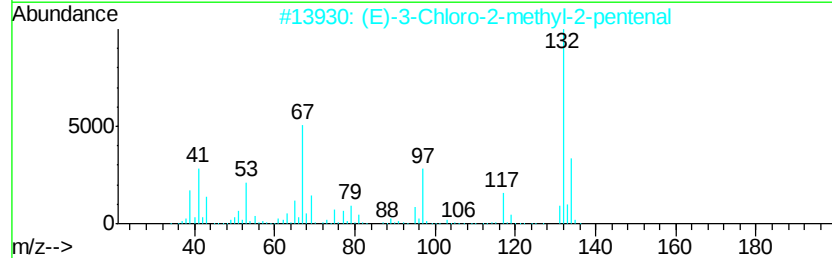
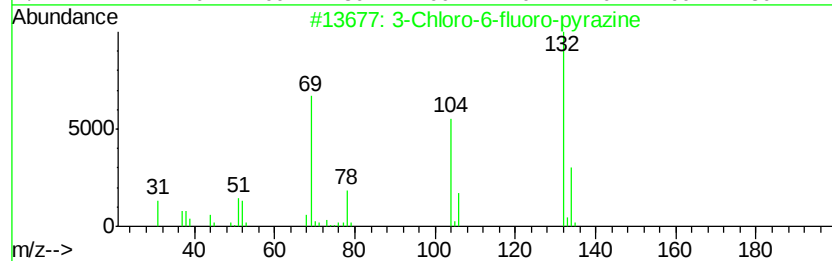
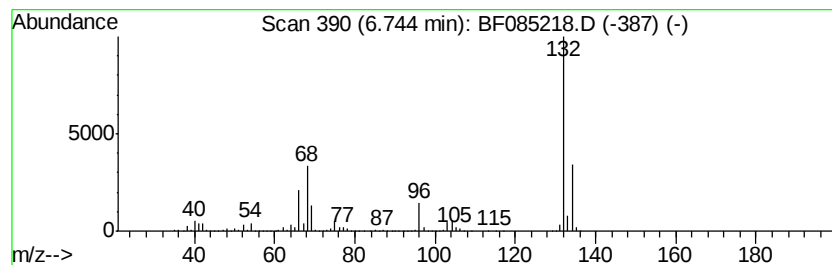
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	84.42 ng	4196500	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

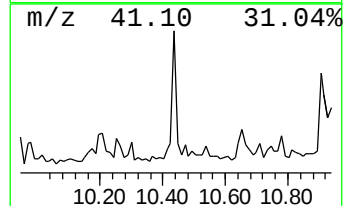
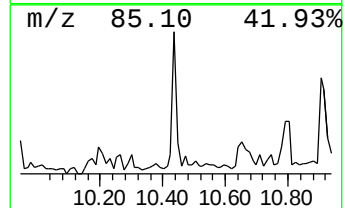
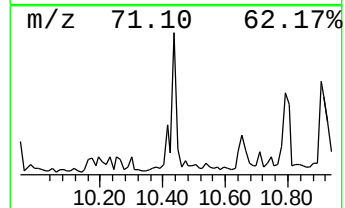
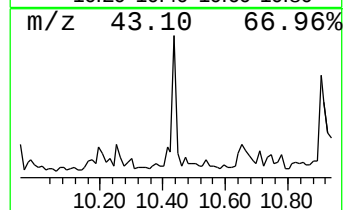
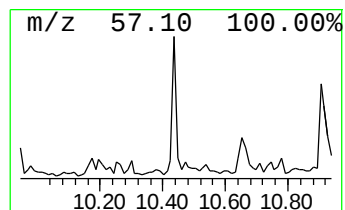
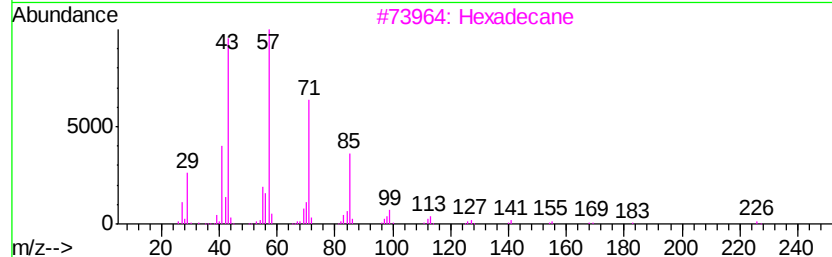
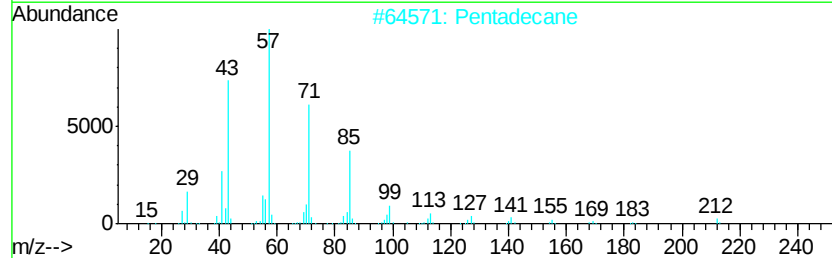
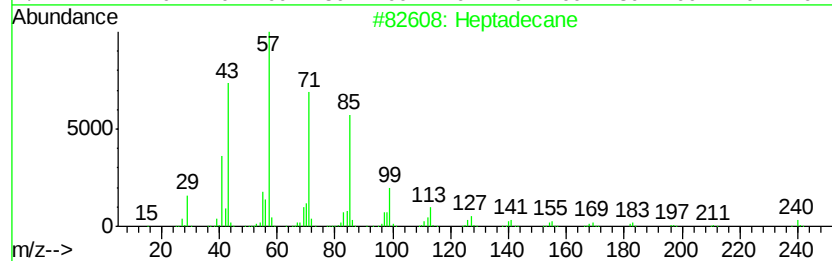
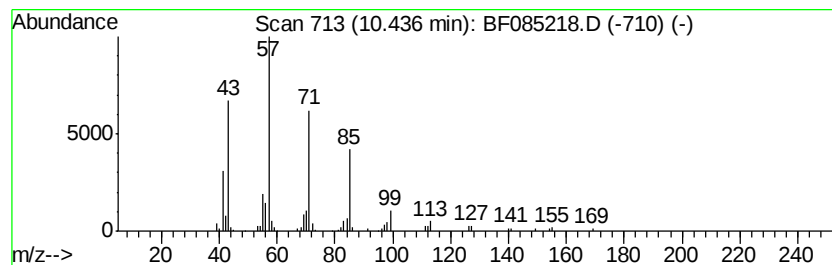
Instrument :
BNA_F
ClientSampleId :
ELP-7

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 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.07 ng	146998	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Hexadecane	226 C16H34	000544-76-3	90
4	Eicosane	282 C20H42	000112-95-8	83
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

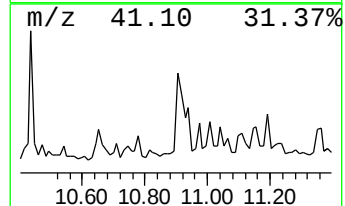
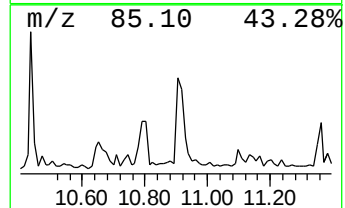
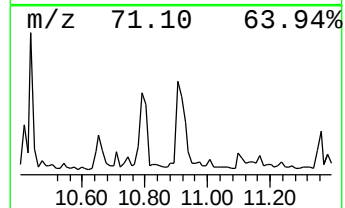
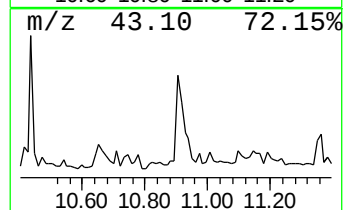
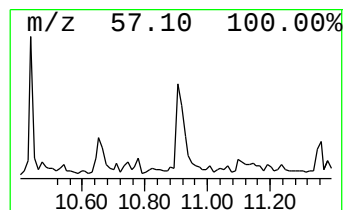
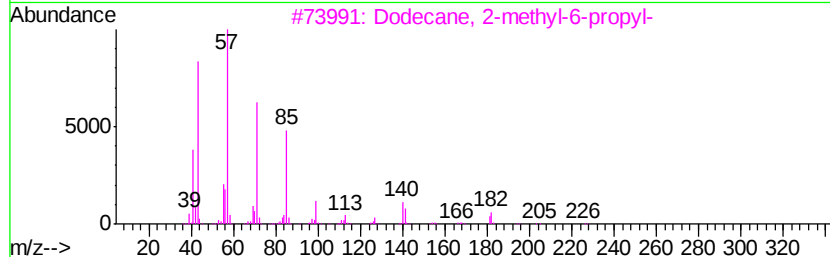
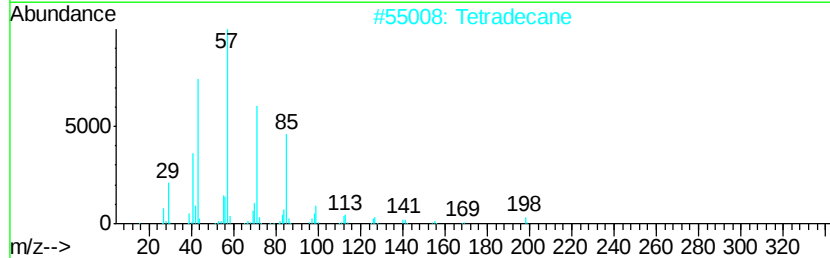
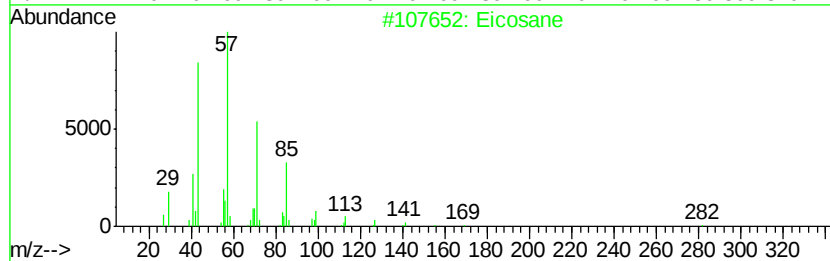
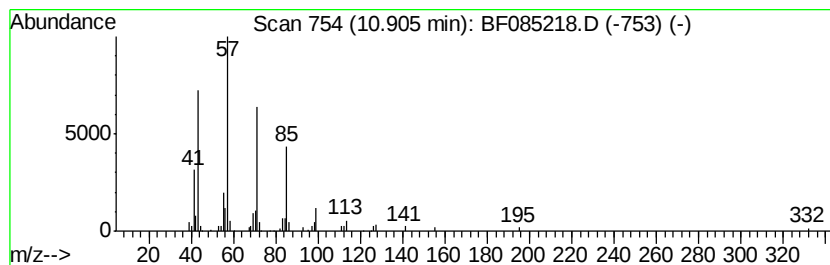
Instrument :
BNA_F
ClientSampleId :
ELP-7

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 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.90	2.02 ng	155210	Phenanthrene-d10		11.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

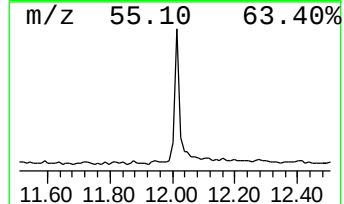
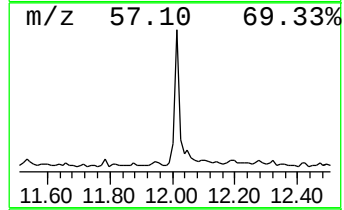
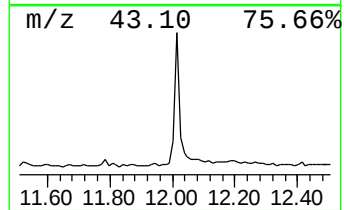
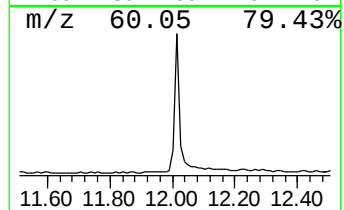
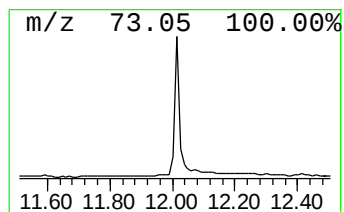
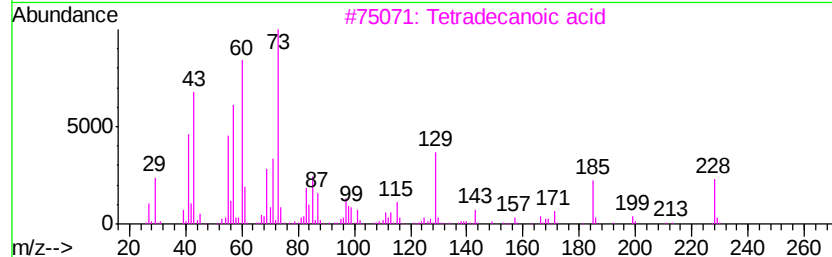
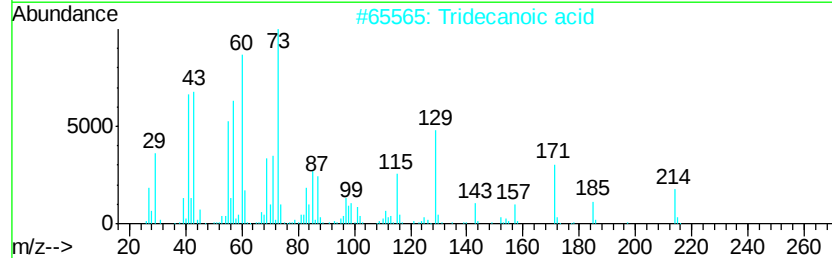
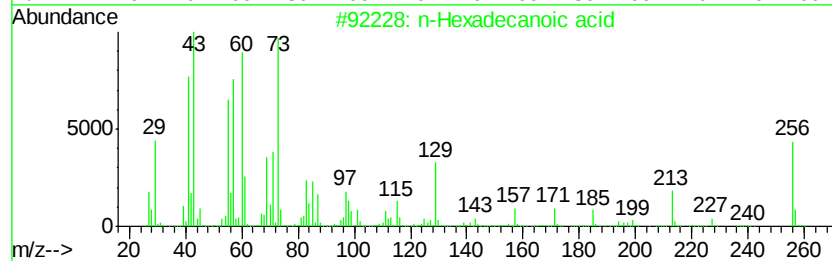
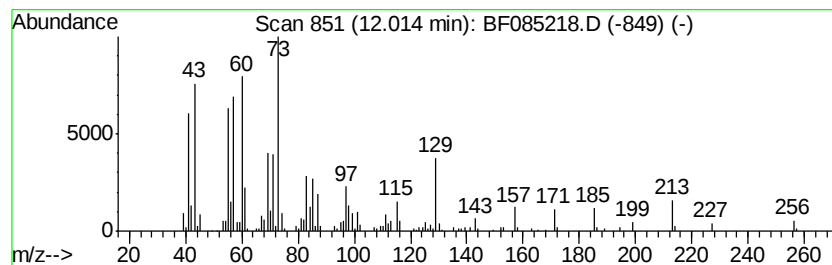
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	4.12 ng	316468	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

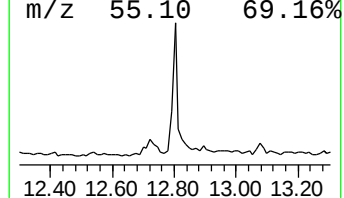
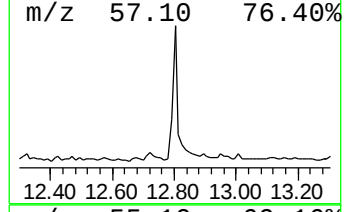
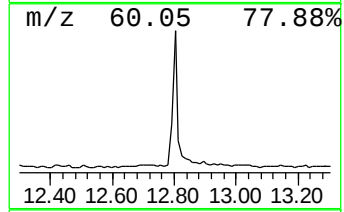
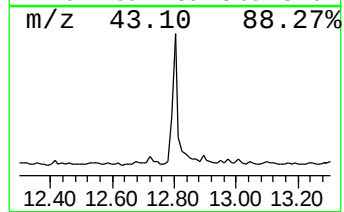
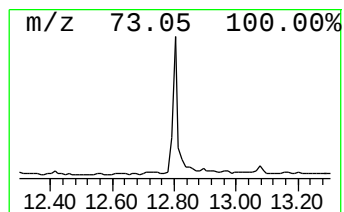
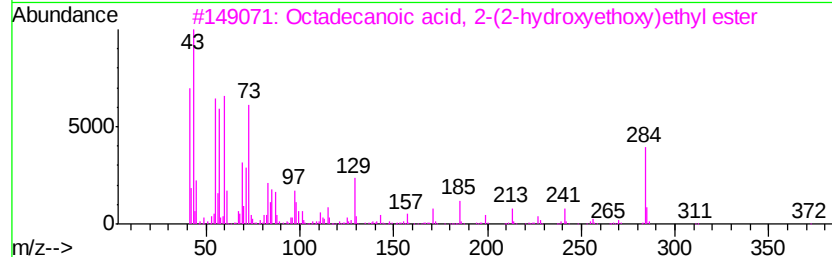
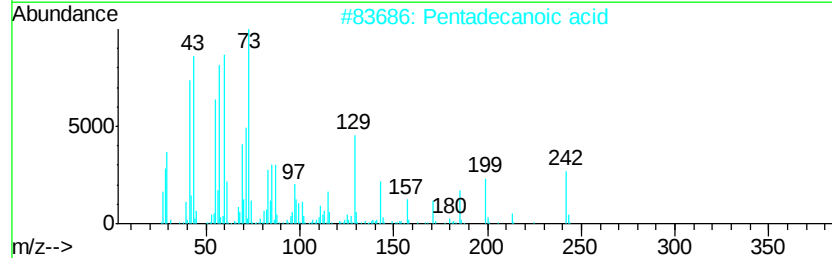
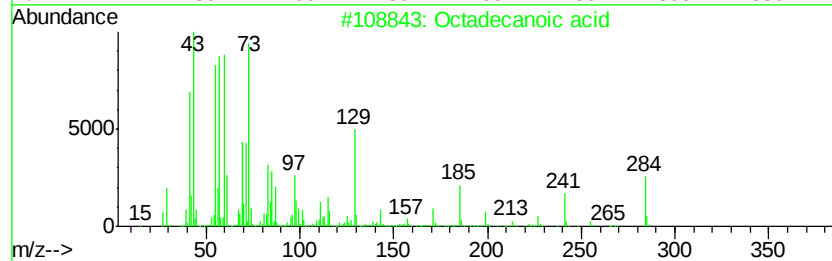
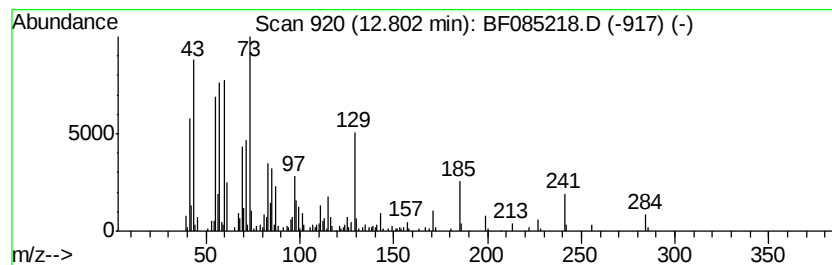
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	4.38 ng	336104	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

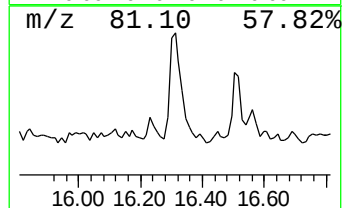
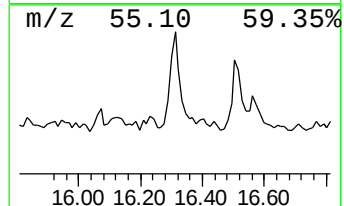
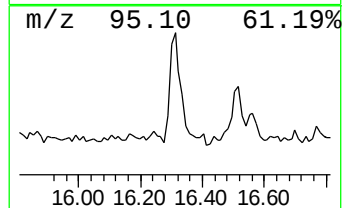
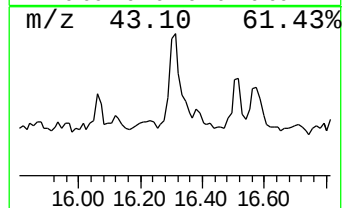
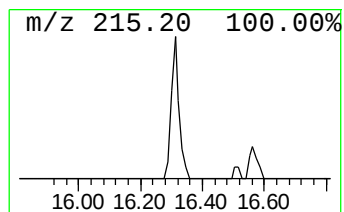
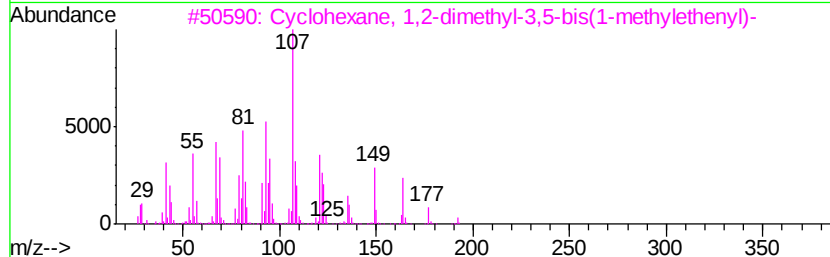
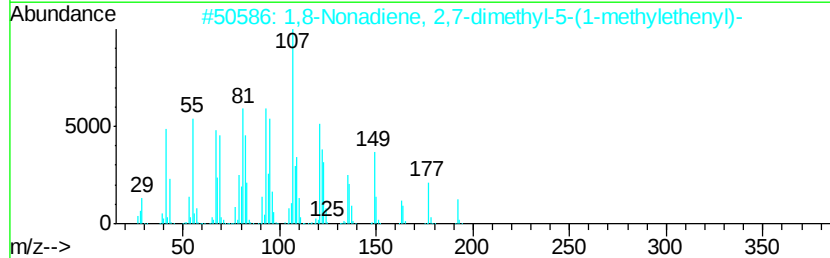
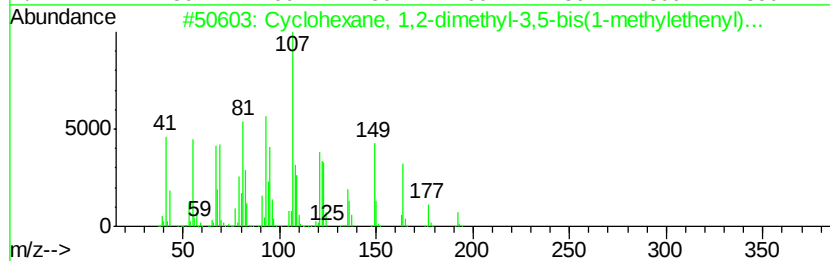
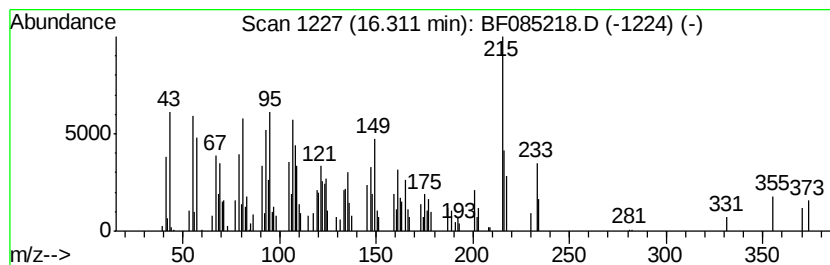
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.31 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	4.72 ng	185947	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	25
2		1,8-Nonadiene, 2,7-dimethyl-5-(1...	192	C14H24	068702-20-5	25
3		Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	062337-99-9	22
4		1,4-Methano-1H-cyclohepta[d]pyri...	192	C12H20N2	1000221-85-4	18
5		1-Cycloheptene-3-carboxamide, N-...	215	C14H17NO	1000159-24-4	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

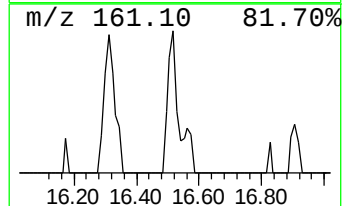
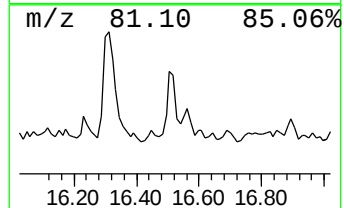
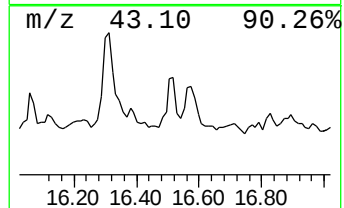
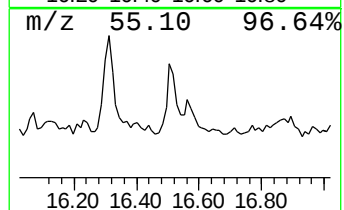
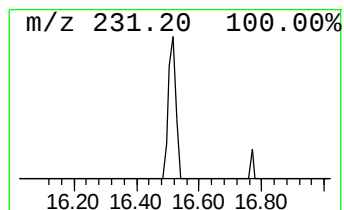
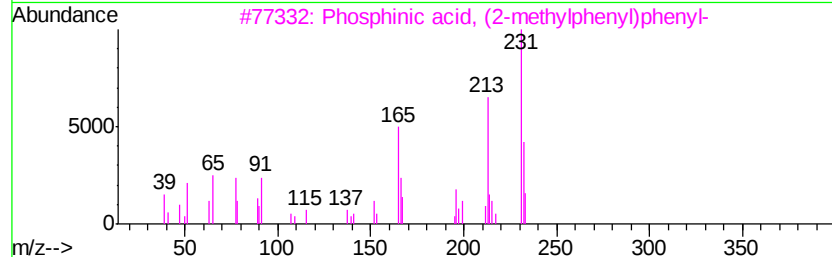
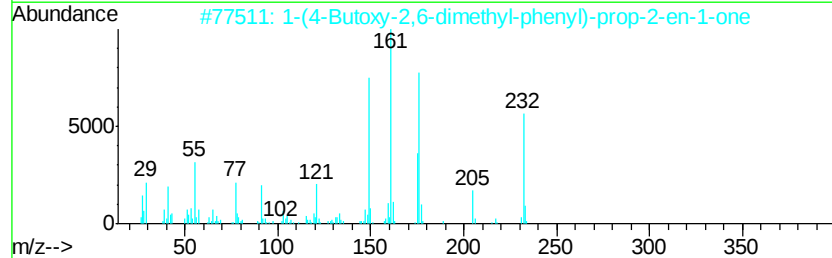
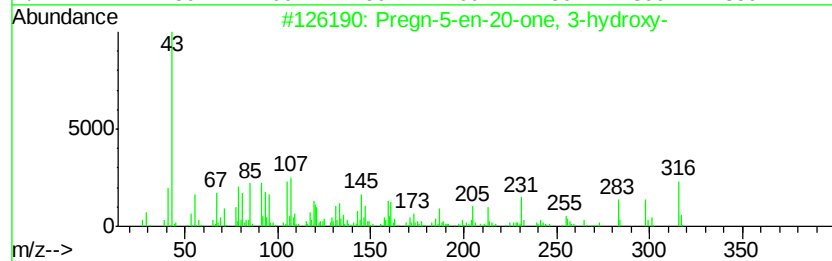
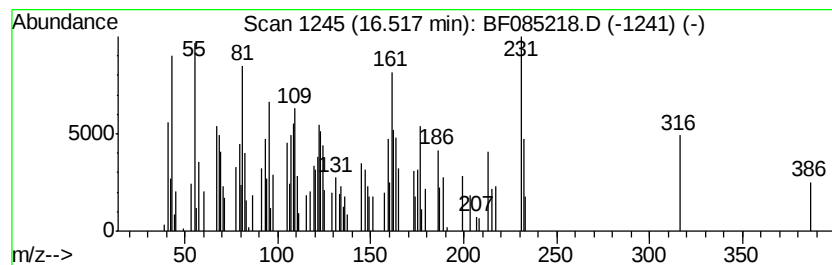
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.52 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.27 ng	89336	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pregn-5-en-20-one, 3-hydroxy-	316	C21H32O2	038372-24-6	25
2		1-(4-Butoxy-2,6-dimethyl-phenyl)...	232	C15H20O2	1000193-49-5	22
3		Phosphinic acid, (2-methylphenyl)...	232	C13H13O2P	018593-18-5	22
4		2H-1-Benzopyran-2-one, 3,4-dihyd...	176	C11H12O2	029598-22-9	15
5		4-Methylbenzoylacetone	176	C11H12O2	004023-79-4	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ELP-7

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
n-Propyl acetate	2.93	3.9	ng	195270	1	6.97	994138	20.0
unknown4.48	4.48	2.7	ng	132790	1	6.97	994138	20.0
2-Pentanone, 4-hy...	5.19	28.1	ng	1398340	1	6.97	994138	20.0
unknown6.74	6.74	84.4	ng	4196500	1	6.97	994138	20.0
Heptadecane	10.44	2.1	ng	146998	3	10.01	1422920	20.0
Eicosane	10.90	2.0	ng	155210	4	11.50	1536150	20.0
n-Hexadecanoic acid	12.01	4.1	ng	316468	4	11.50	1536150	20.0
Octadecanoic acid	12.80	4.4	ng	336104	4	11.50	1536150	20.0
unknown16.31	16.31	4.7	ng	185947	6	15.60	787261	20.0
unknown16.52	16.52	2.3	ng	89336	6	15.60	787261	20.0