

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
 Data File : BF091228.D
 Acq On : 17 Nov 2016 22:32
 Operator : UM/SJ
 Sample : H5681-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-4W

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-BF110316.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	2.670	83	86	96	rVB	30324	75099	1.38%	0.168%
2	4.738	265	267	279	rBV	239709	443812	8.17%	0.990%
3	5.196	305	307	327	rBV	1497397	1880286	34.60%	4.196%
4	5.733	352	354	361	rBV	39246	72087	1.33%	0.161%
5	6.270	399	401	409	rBV	1144588	1452994	26.74%	3.242%
6	6.384	409	411	414	rBV	3318062	3262324	60.04%	7.280%
7	6.613	429	431	437	rBV	927170	1175803	21.64%	2.624%
8	6.773	442	445	447	rBV	3481072	3255021	59.90%	7.264%
9	7.196	479	482	484	rBV	2555125	3072254	56.54%	6.856%
10	7.379	491	498	500	rBV	464637	1200918	22.10%	2.680%
11	7.825	535	537	542	rBV2	57132	119064	2.19%	0.266%
12	7.905	542	544	547	rBV	1634727	1547696	28.48%	3.454%
13	8.065	554	558	562	rBV5	22380	59787	1.10%	0.133%
14	8.190	567	569	573	rVV	78552	119736	2.20%	0.267%
15	8.305	576	579	580	rBV	41135	60882	1.12%	0.136%
16	8.407	586	588	594	rVB3	34238	81095	1.49%	0.181%
17	8.705	611	614	616	rBV	415063	473827	8.72%	1.057%
18	8.865	625	628	630	rBV	49731	75500	1.39%	0.168%
19	8.910	630	632	636	rVB2	53913	84043	1.55%	0.188%
20	8.990	636	639	641	rBV	5580580	5433882	100.00%	12.126%
21	9.345	669	670	673	rBV	37359	56600	1.04%	0.126%
22	9.436	676	678	686	rVV	1347975	1332157	24.52%	2.973%
23	9.550	686	688	690	rVV	37606	64445	1.19%	0.144%
24	9.585	690	691	695	rVV2	46012	85291	1.57%	0.190%
25	9.653	695	697	700	rVB	1341841	1550967	28.54%	3.461%
26	9.928	717	721	723	rBV3	24444	65223	1.20%	0.146%
27	10.099	728	736	738	rBV4	45805	133870	2.46%	0.299%
28	10.328	751	756	759	rBV2	34538	57353	1.06%	0.128%
29	10.396	759	762	764	rBV3	26652	70028	1.29%	0.156%
30	10.453	764	767	769	rBV	2798505	3261476	60.02%	7.278%
31	10.579	776	778	781	rBV2	83609	124316	2.29%	0.277%
32	10.785	793	796	801	rBV	482072	629365	11.58%	1.404%
33	11.025	812	817	824	rBV2	99011	264684	4.87%	0.591%
34	11.139	824	827	829	rBV	1672945	1522130	28.01%	3.397%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.208	831	833	837	rVB3	38111	73048	1.34%	0.163%
36	11.333	840	844	845	rBV2	30713	62024	1.14%	0.138%
37	11.448	852	854	856	rBV	62520	63024	1.16%	0.141%
38	11.608	866	868	873	rBV2	38652	115148	2.12%	0.257%
39	11.859	888	890	891	rBV	71830	84185	1.55%	0.188%
40	11.939	896	897	899	rBV	123389	174083	3.20%	0.388%
41	12.008	901	903	906	rVB2	48619	96091	1.77%	0.214%
42	12.134	912	914	917	rBV	73758	116390	2.14%	0.260%
43	12.248	922	924	925	rVV	90680	101874	1.87%	0.227%
44	12.282	925	927	929	rVV	47634	78581	1.45%	0.175%
45	12.385	934	936	939	rBV	94945	183380	3.37%	0.409%
46	12.488	943	945	946	rBV	58949	96510	1.78%	0.215%
47	12.614	955	956	958	rBV2	158487	208453	3.84%	0.465%
48	12.728	964	966	969	rBV	4407123	4780986	87.98%	10.669%
49	12.968	985	987	989	rBV2	128386	207828	3.82%	0.464%
50	13.094	996	998	1000	rBV	215792	333847	6.14%	0.745%
51	13.219	1007	1009	1011	rBV	143164	119478	2.20%	0.267%
52	13.311	1015	1017	1018	rVV	194936	197582	3.64%	0.441%
53	13.768	1053	1057	1060	rBV	1101386	1889715	34.78%	4.217%
54	13.939	1070	1072	1073	rBV	213656	289519	5.33%	0.646%
55	14.259	1098	1100	1105	rVB2	213192	472816	8.70%	1.055%
56	14.362	1107	1109	1112	rBV2	357301	470066	8.65%	1.049%
57	14.419	1112	1114	1116	rBV	182831	280546	5.16%	0.626%
58	14.557	1124	1126	1128	rVB	289288	267971	4.93%	0.598%
59	15.151	1176	1178	1181	rBV	643368	885729	16.30%	1.977%

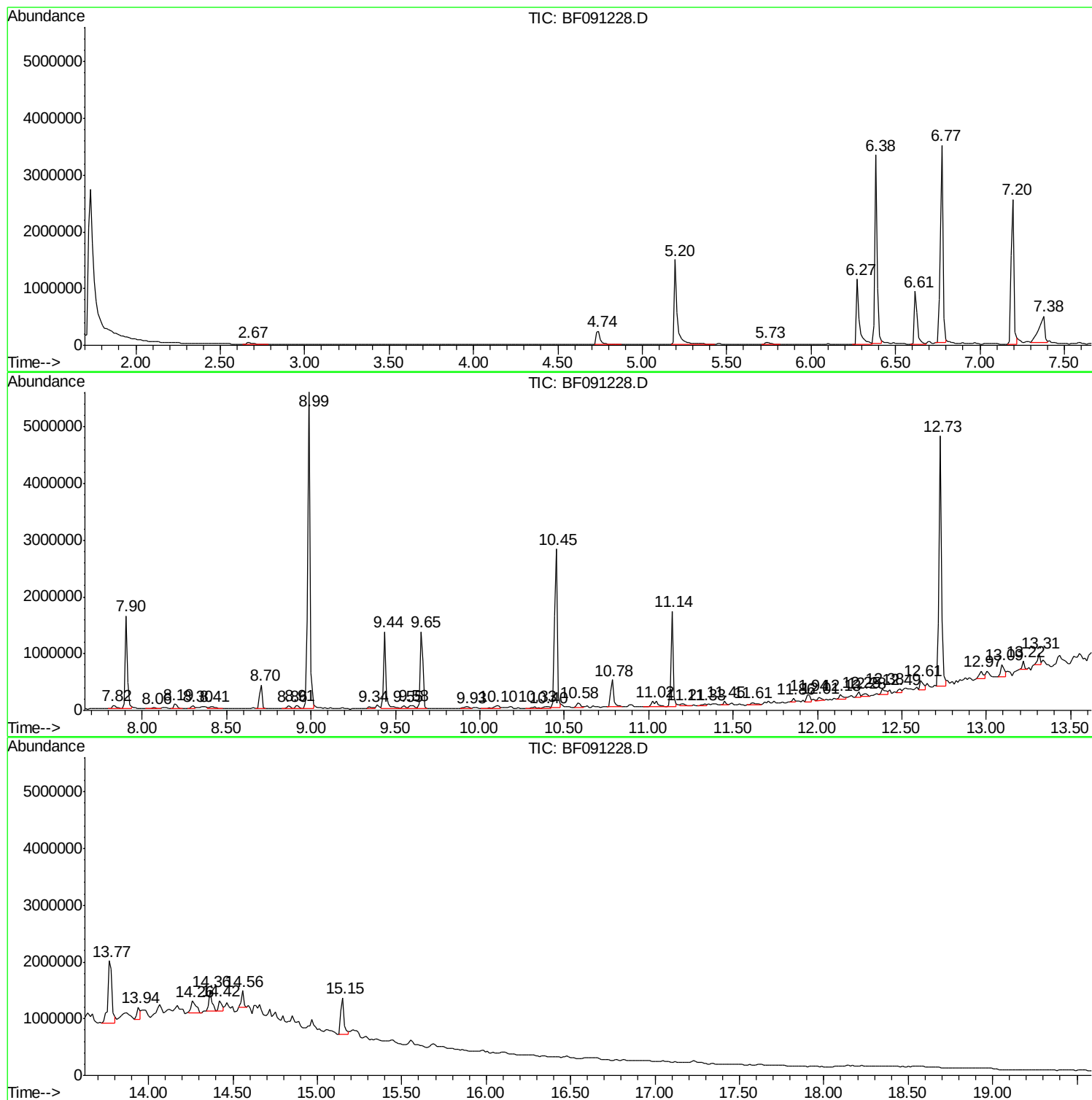
Sum of corrected areas: 44812889

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

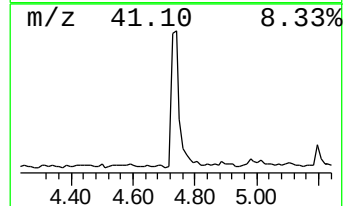
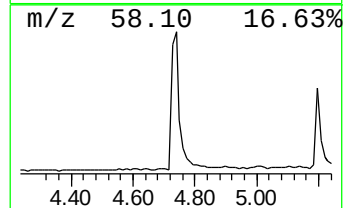
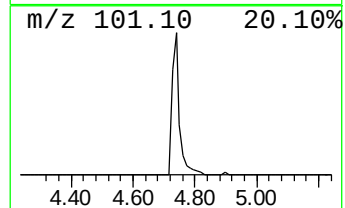
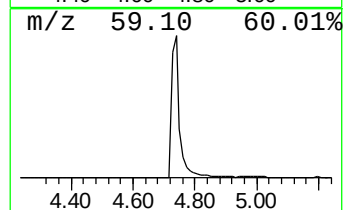
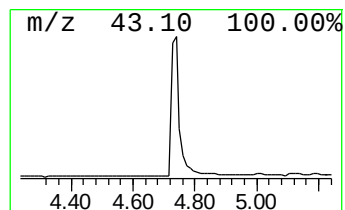
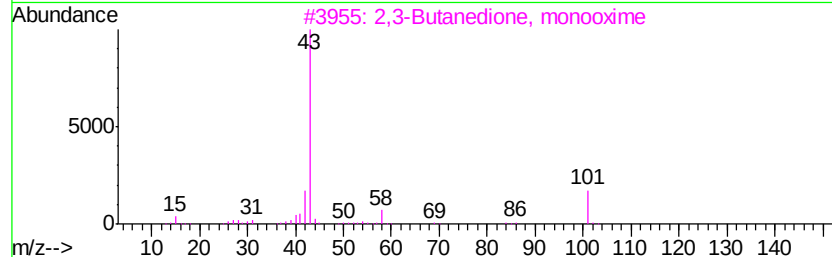
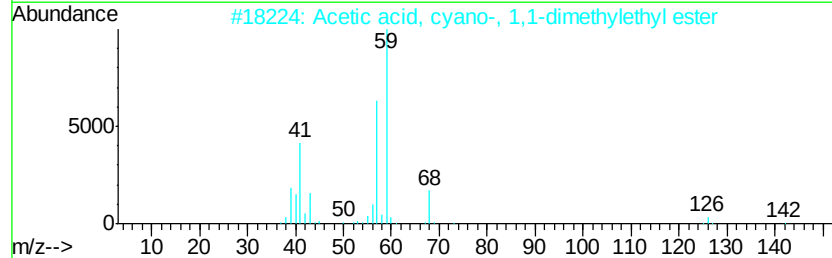
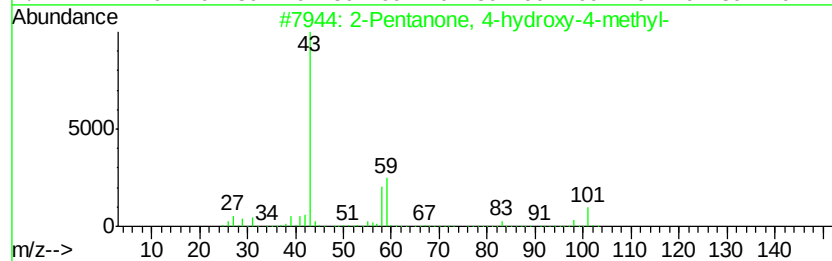
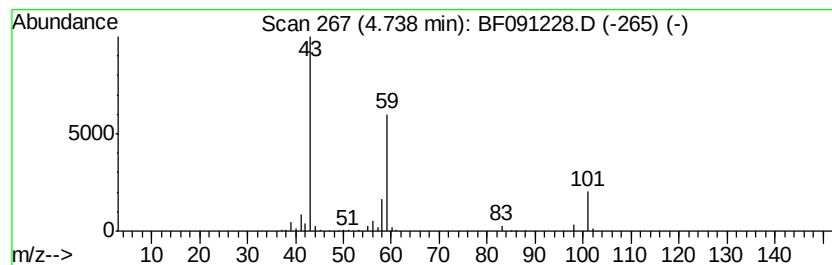
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	7.55 ng	443812	1,4-Dichlorobenzene-d4	6.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Butane	58	C4H10	000106-97-8	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

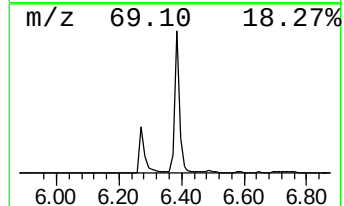
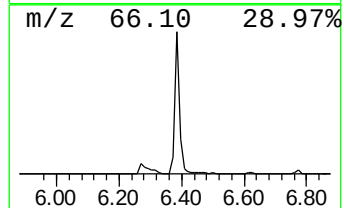
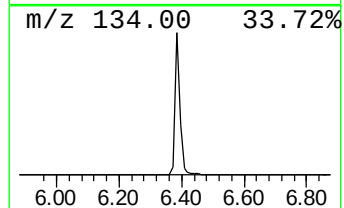
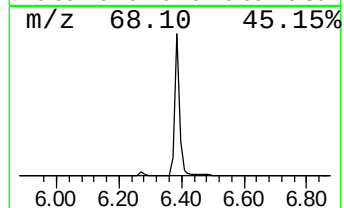
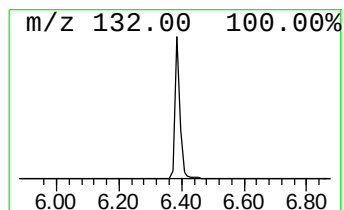
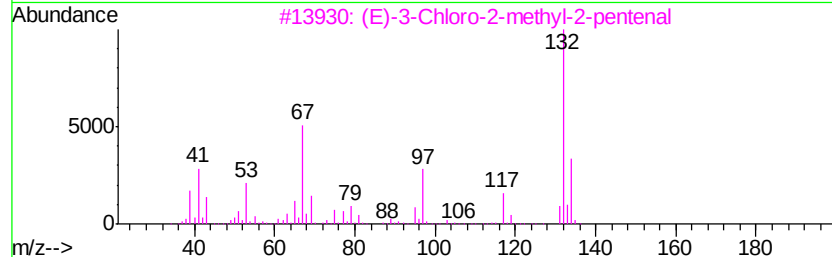
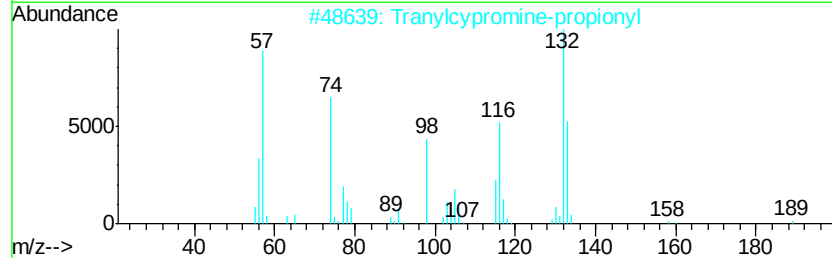
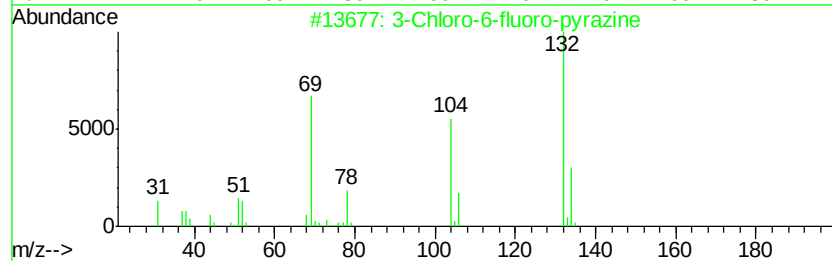
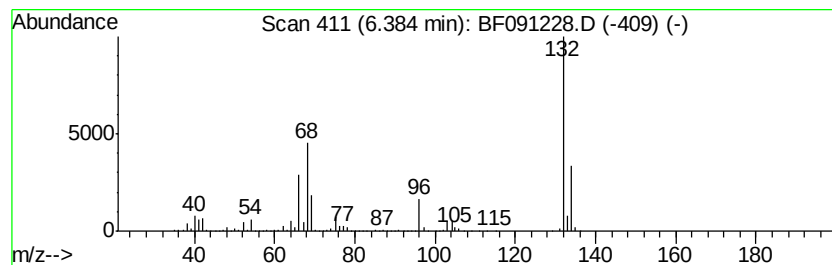
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	55.49 ng	3262320	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

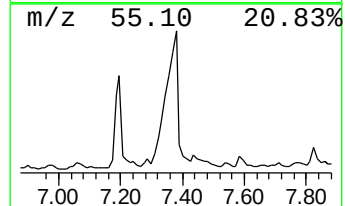
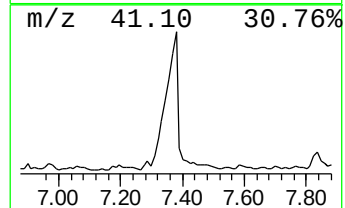
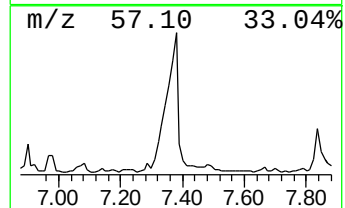
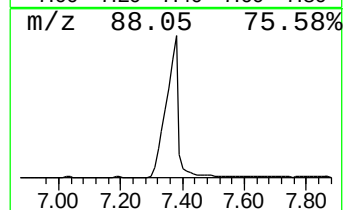
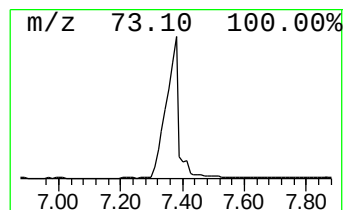
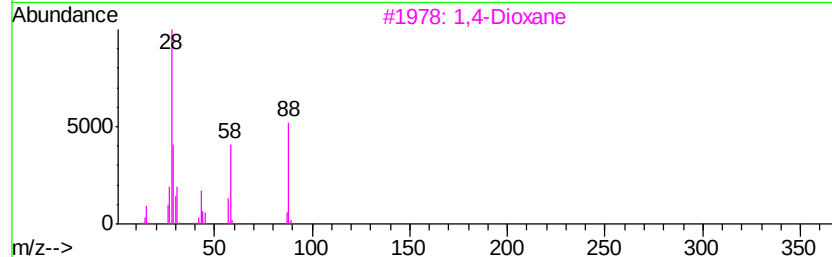
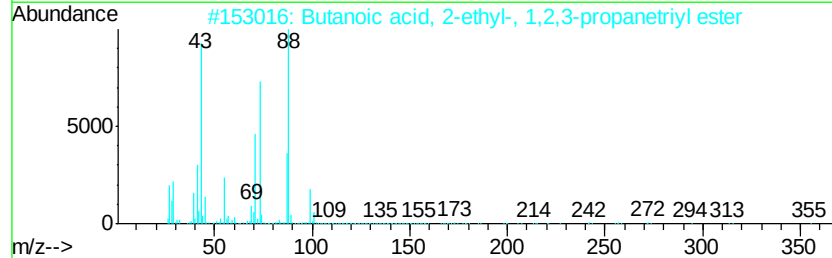
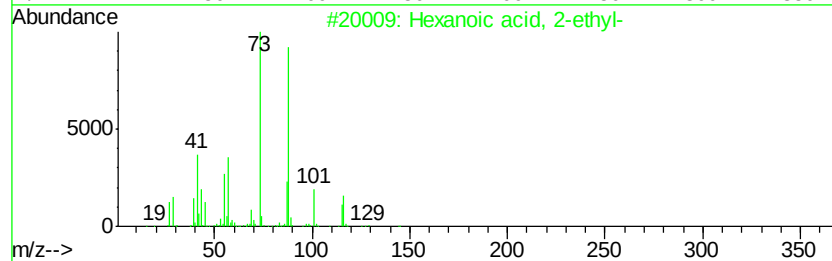
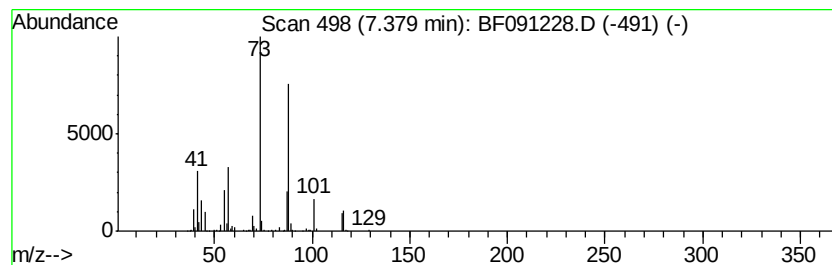
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	15.52 ng	1200920	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64
3		1,4-Dioxane	88	C4H8O2	000123-91-1	37
4		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	33
5		Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	28



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

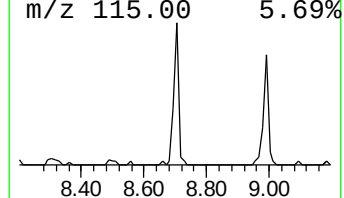
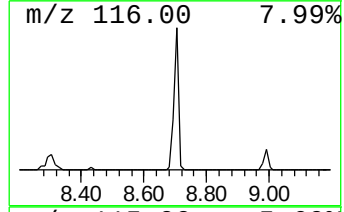
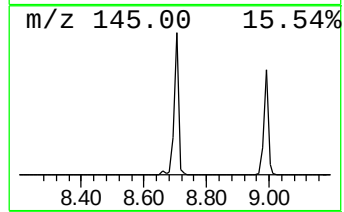
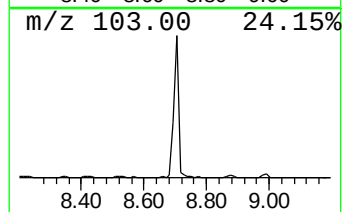
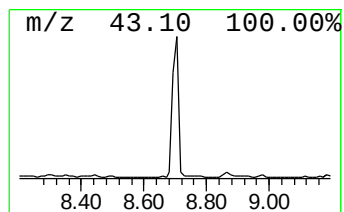
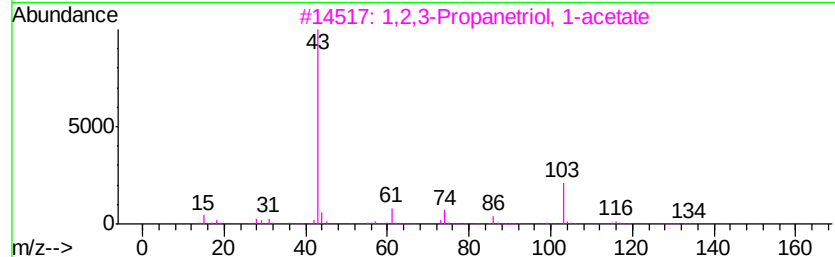
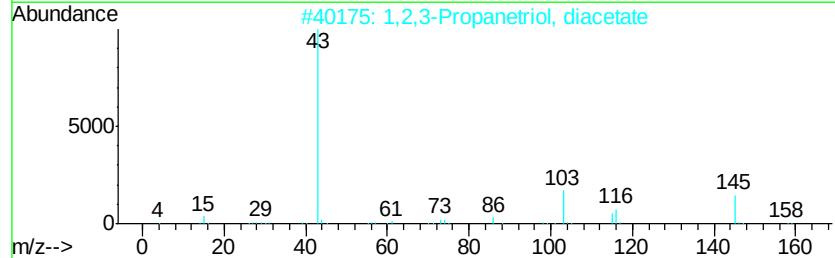
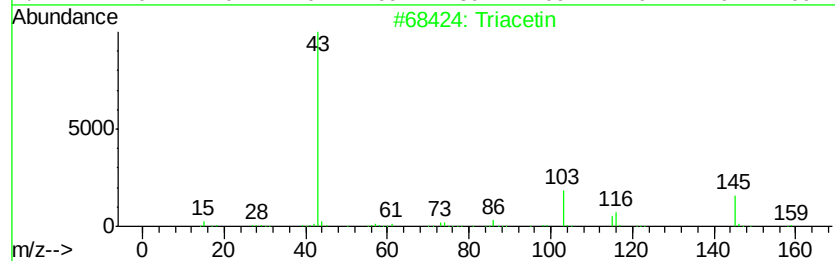
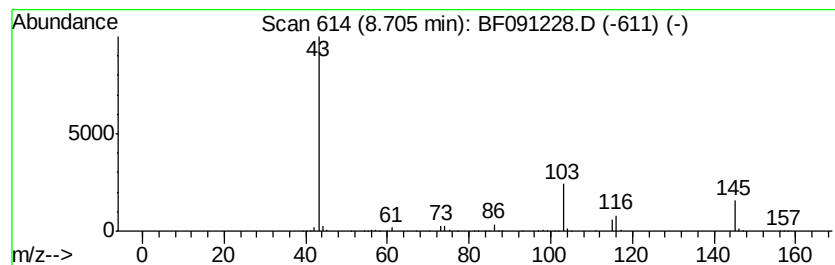
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Triacetin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	6.12 ng	473827	Naphthalene-d8	7.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacetin	218	C9H14O6	000102-76-1	83
2		1,2,3-Propanetriol, diacetate	176	C7H12O5	025395-31-7	83
3		1,2,3-Propanetriol, 1-acetate	134	C5H10O4	000106-61-6	36
4		Propanoic acid, 2-oxo-, ethyl ester	116	C5H8O3	000617-35-6	9
5		1,2,3-Propanetriol, monoacetate	134	C5H10O4	026446-35-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

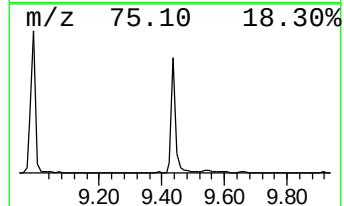
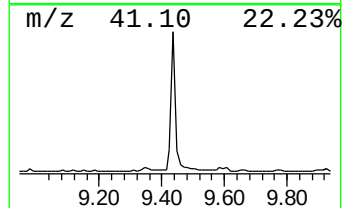
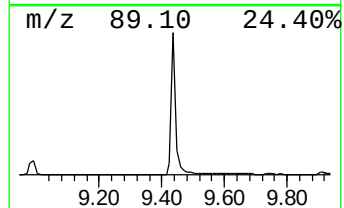
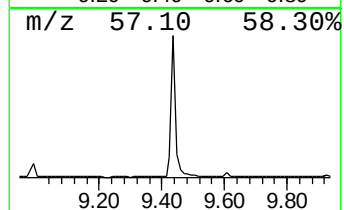
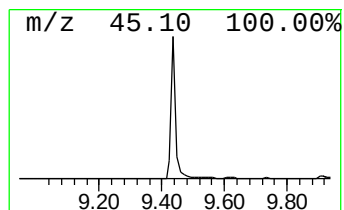
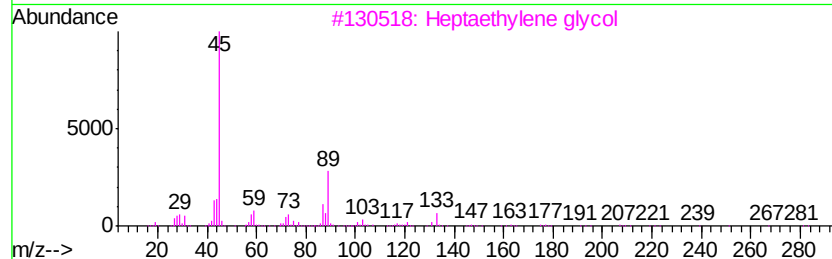
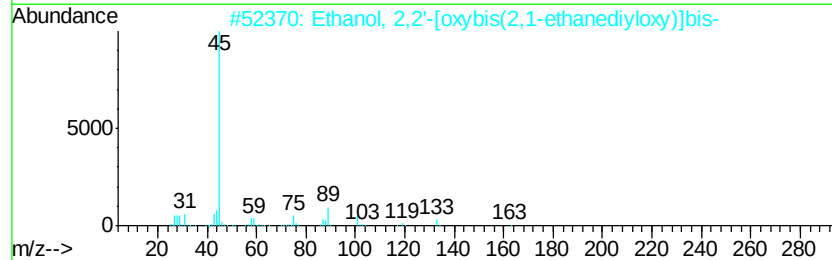
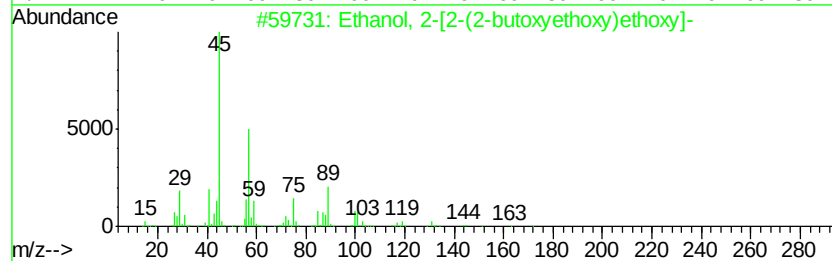
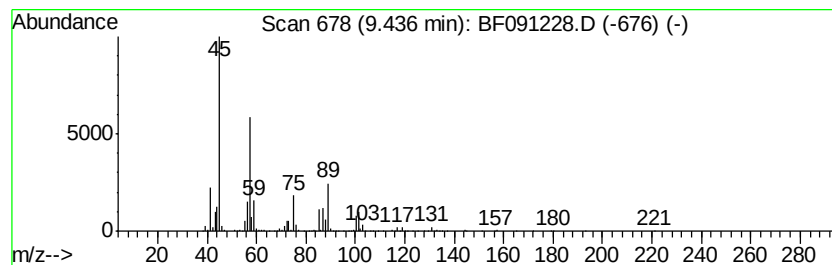
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	17.18 ng	1332160	Acenaphthene-d10	9.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2		Ethanol, 2,2'-[oxybis(2,1-ethane...	194	C8H18O5	000112-60-7	72
3		Heptaethylene glycol	326	C14H30O8	005617-32-3	64
4		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	64
5		Hexagol	282	C12H26O7	002615-15-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

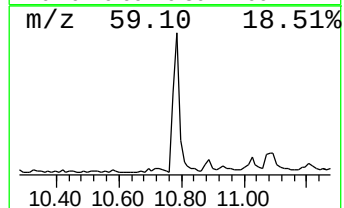
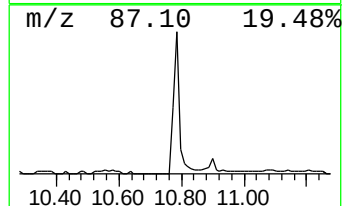
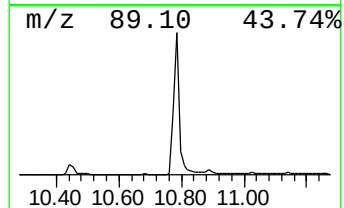
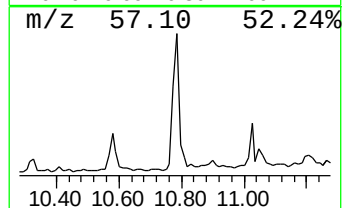
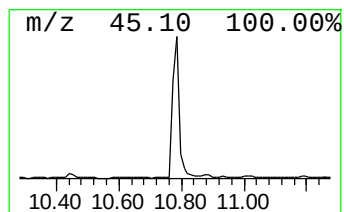
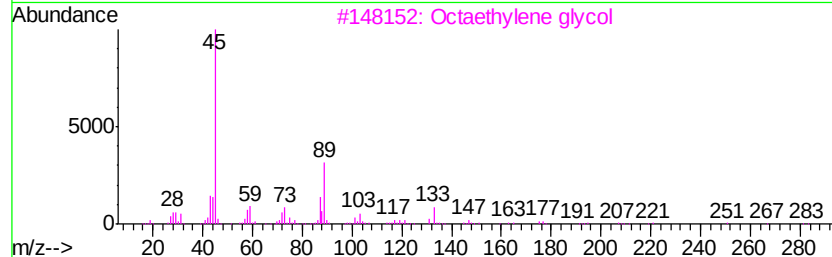
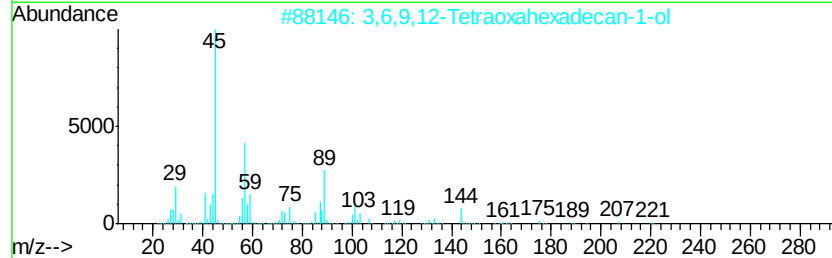
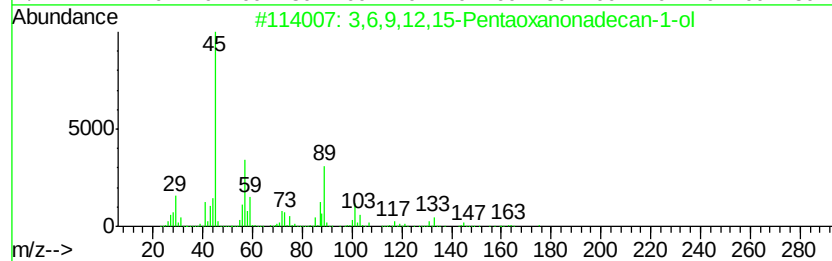
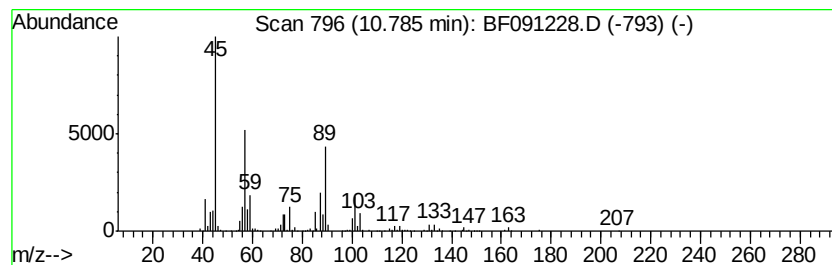
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	8.27 ng	629365	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	90
2		3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	86
3		Octaethylene glycol	370	C16H34O9	1000289-34-2	80
4		Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	72
5		Hexagol	282	C12H26O7	002615-15-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

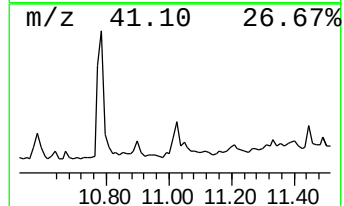
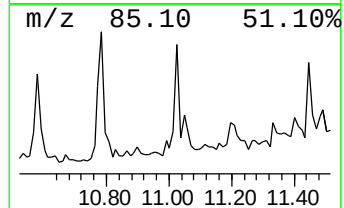
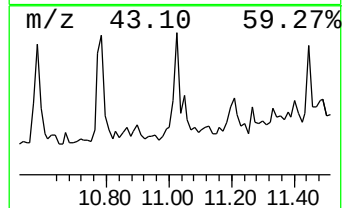
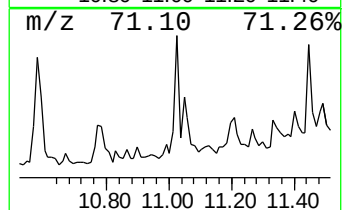
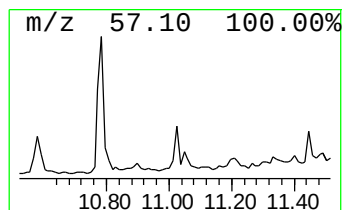
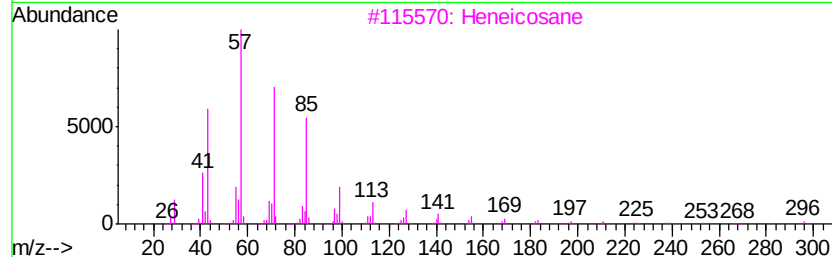
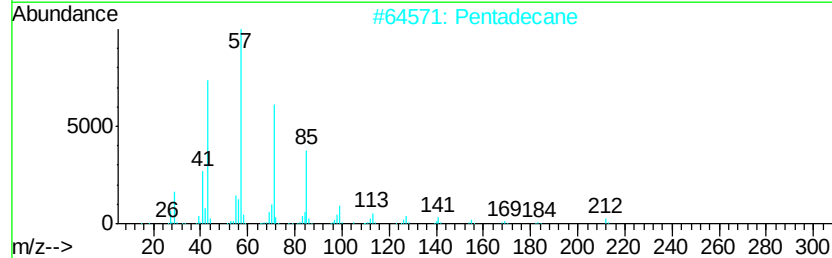
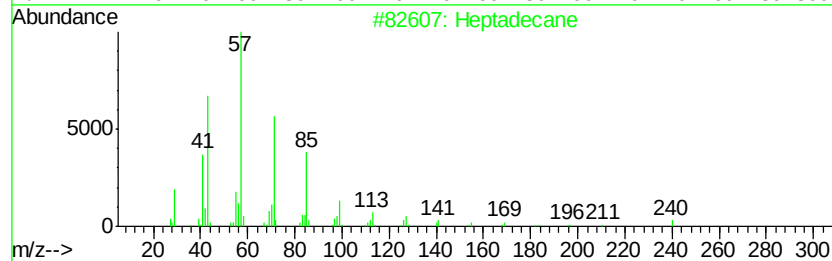
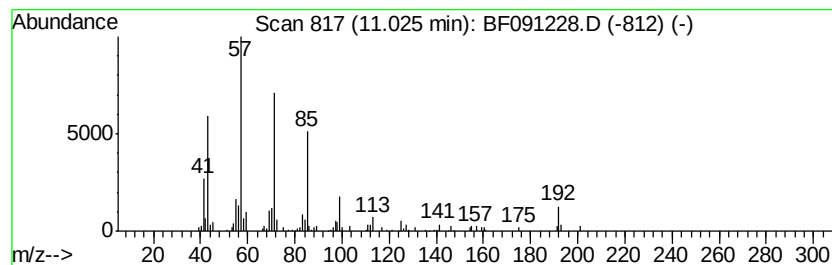
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.48 ng	264684	Phenanthrene-d10	11.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	72
2	Pentadecane		212	C15H32	000629-62-9	64
3	Heneicosane		296	C21H44	000629-94-7	64
4	Heptacosane		380	C27H56	000593-49-7	58
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

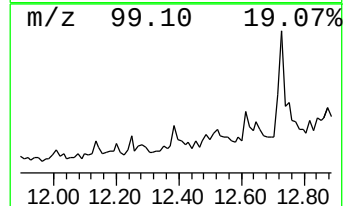
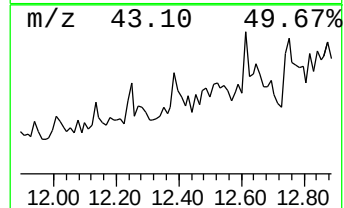
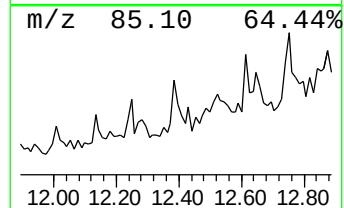
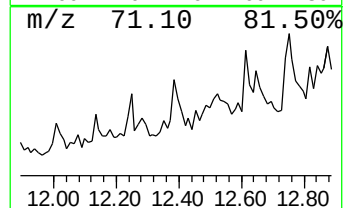
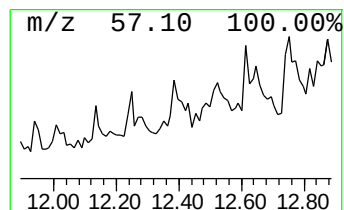
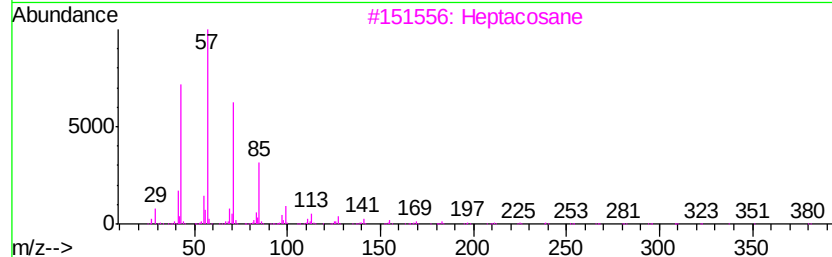
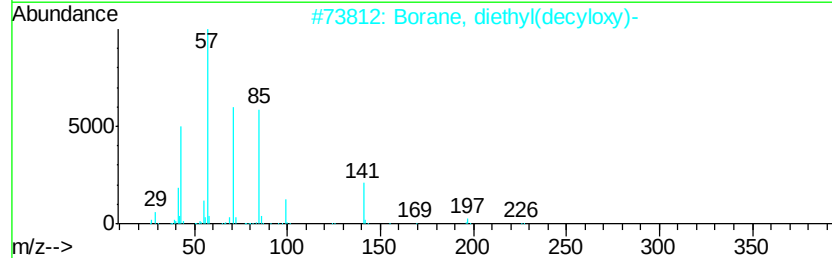
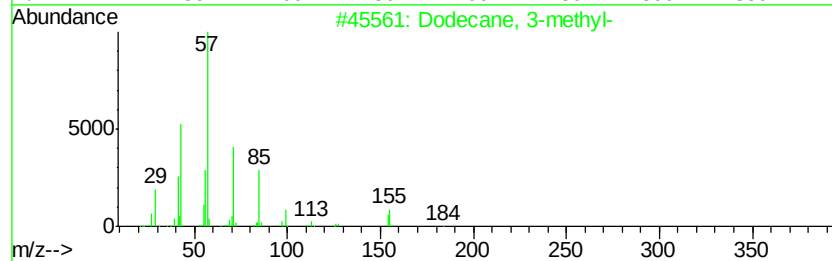
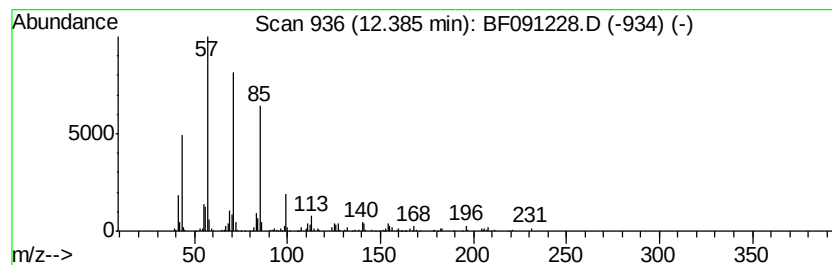
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.41 ng	183380	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
2		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
3		Heptacosane	380	C27H56	000593-49-7	59
4		Heptadecane	240	C17H36	000629-78-7	58
5		Heneicosane	296	C21H44	000629-94-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

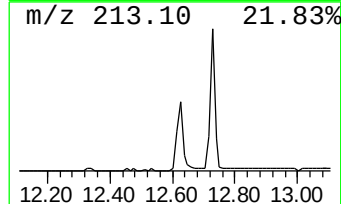
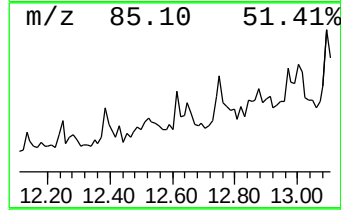
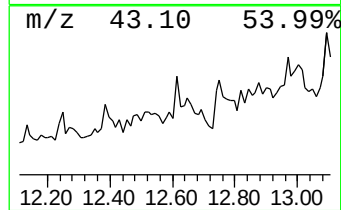
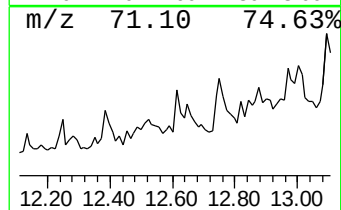
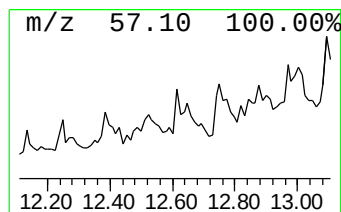
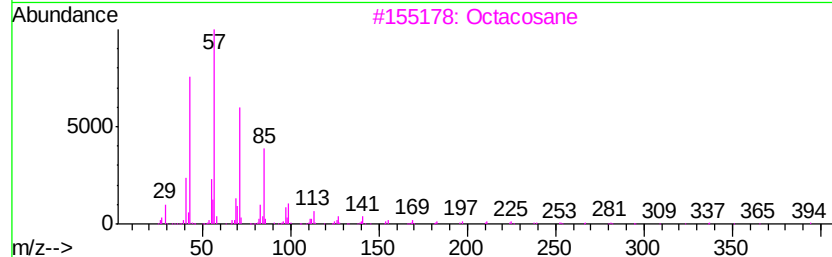
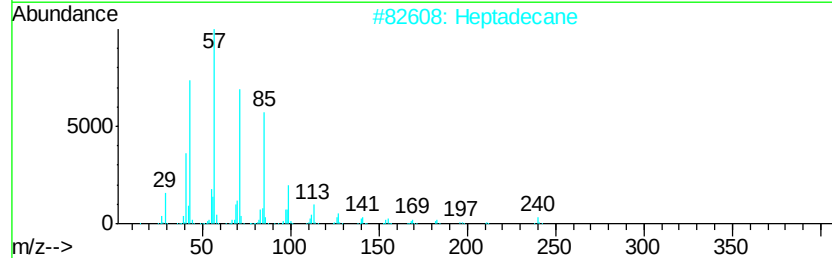
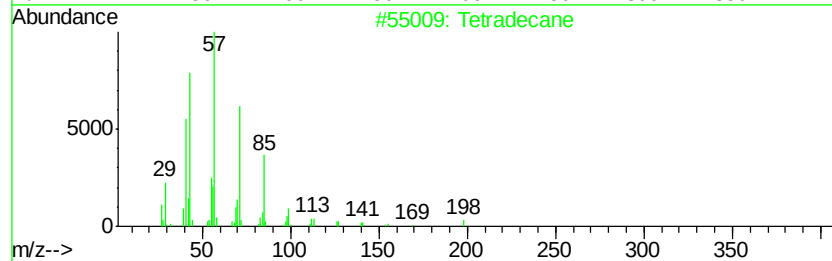
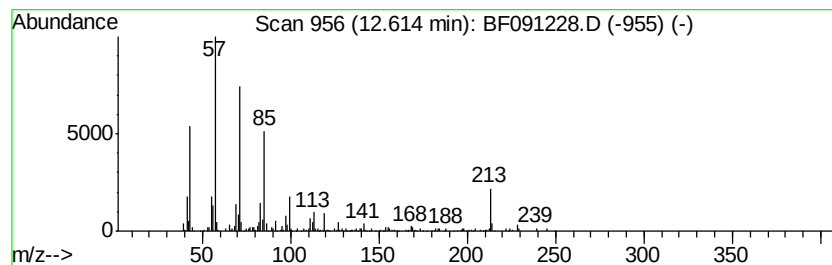
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradeane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.21 ng	208453	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradeane	198	C14H30	000629-59-4	74
2		Heptadeane	240	C17H36	000629-78-7	74
3		Octacosane	394	C28H58	000630-02-4	74
4		Eicosane	282	C20H42	000112-95-8	72
5		Pentadeane, 8-heptyl-	310	C22H46	071005-15-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

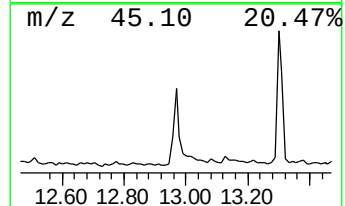
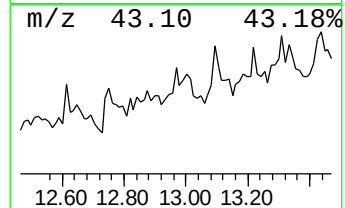
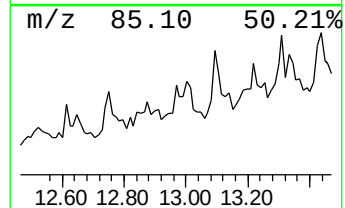
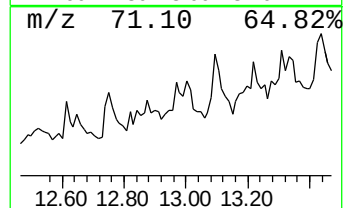
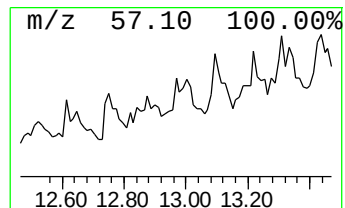
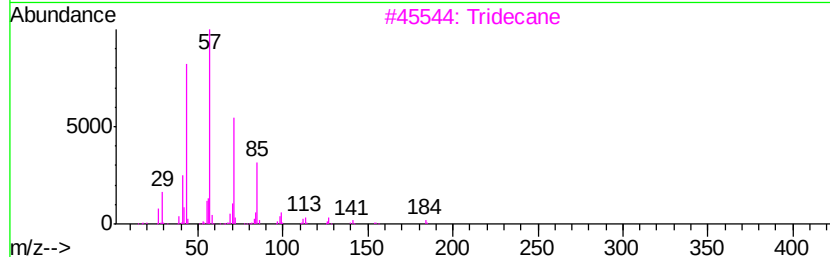
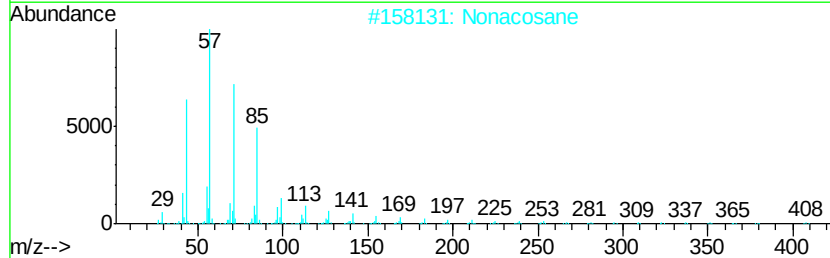
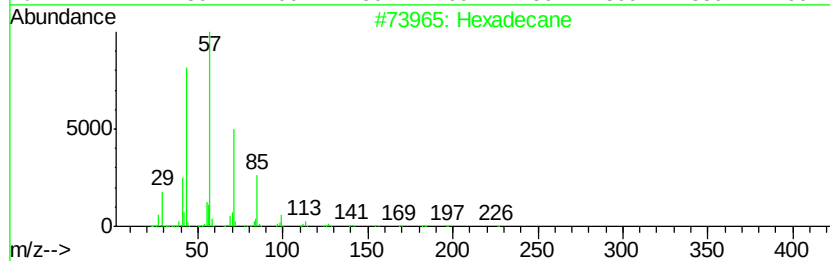
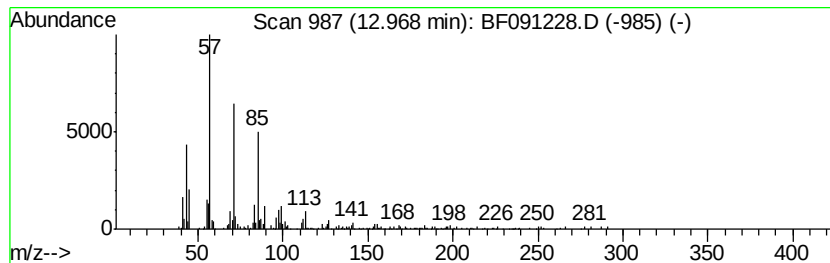
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.20 ng	207828	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	89
2		Nonacosane	408	C29H60	000630-03-5	68
3		Tridecane	184	C13H28	000629-50-5	64
4		Eicosane	282	C20H42	000112-95-8	59
5		Heptadecane	240	C17H36	000629-78-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

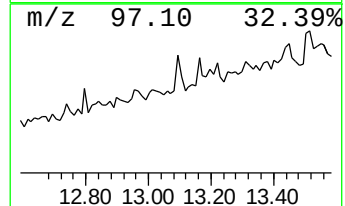
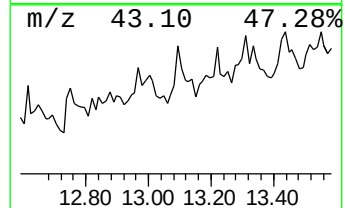
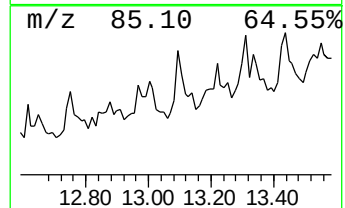
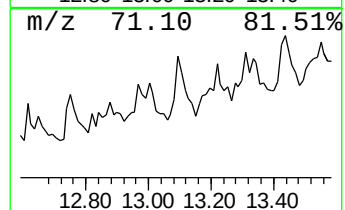
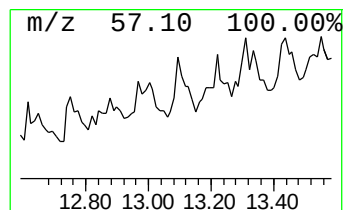
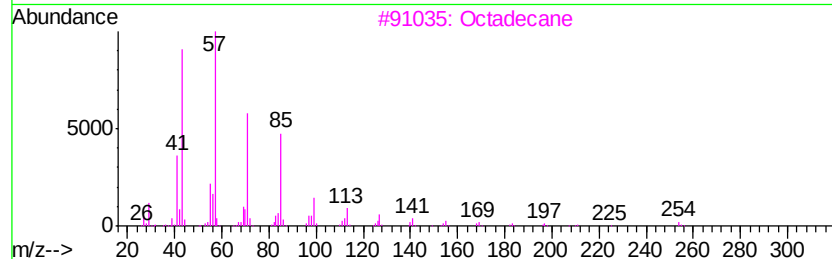
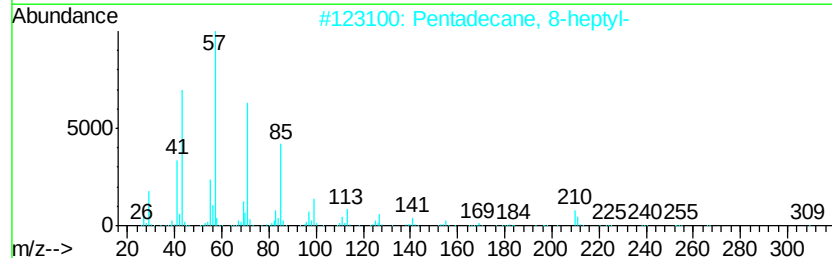
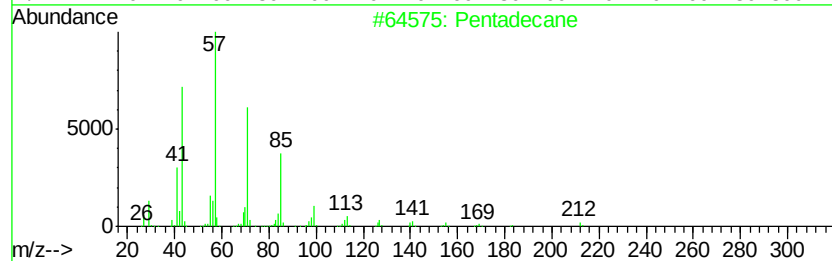
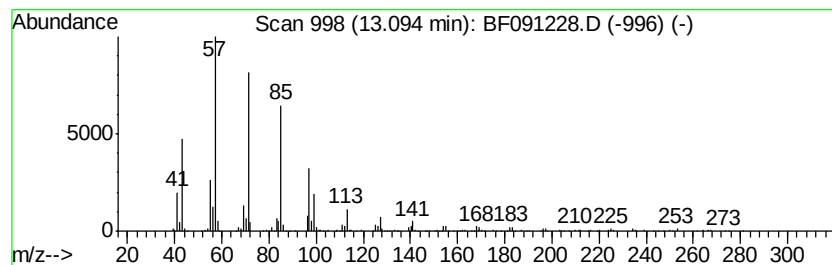
Instrument :
BNA_F
ClientSampleId :
WQ-4W

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.09	3.53 ng	333847	Chrysene-d12		13.78
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

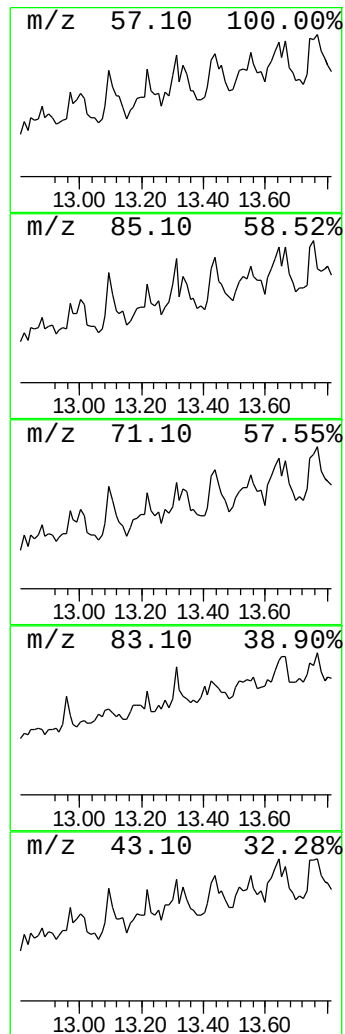
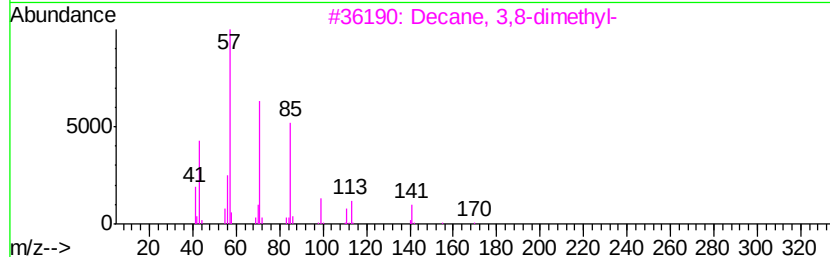
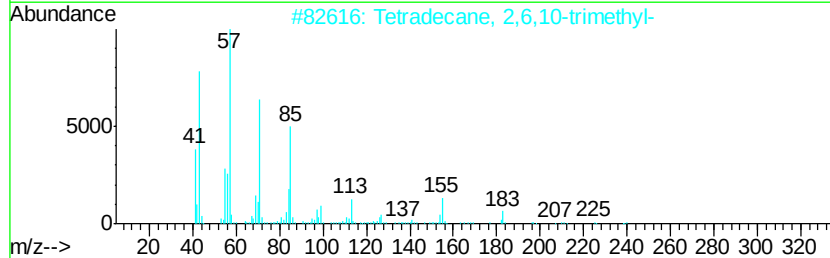
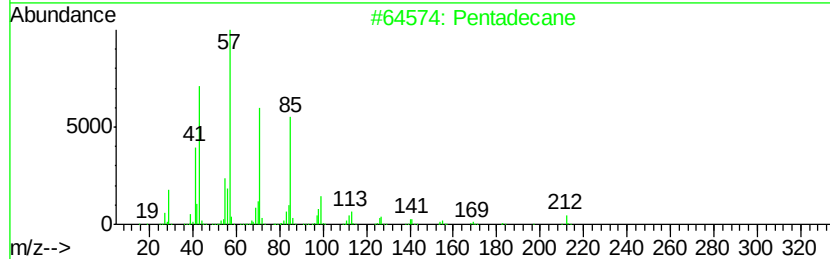
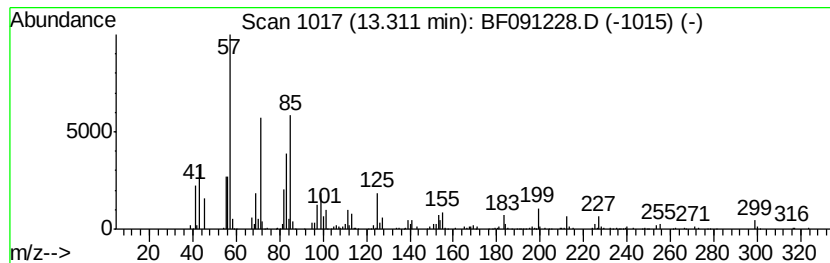
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.31 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	2.09 ng	197582	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	49
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	43
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
4		Triacontane	422	C30H62	000638-68-6	43
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

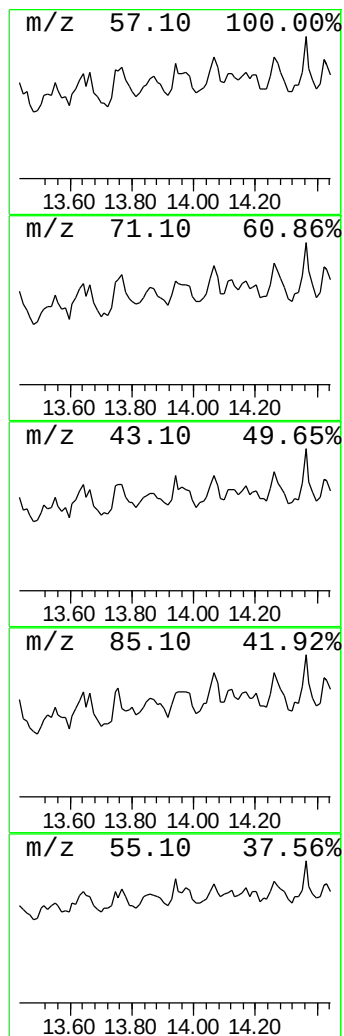
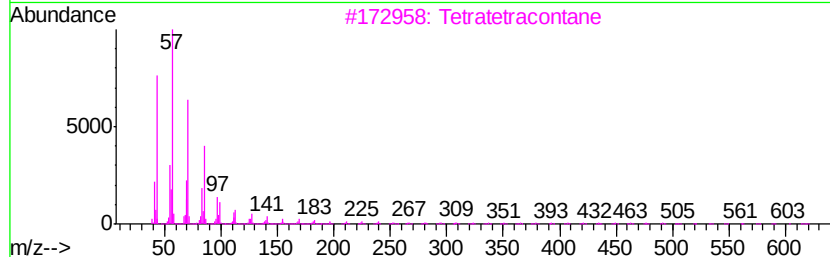
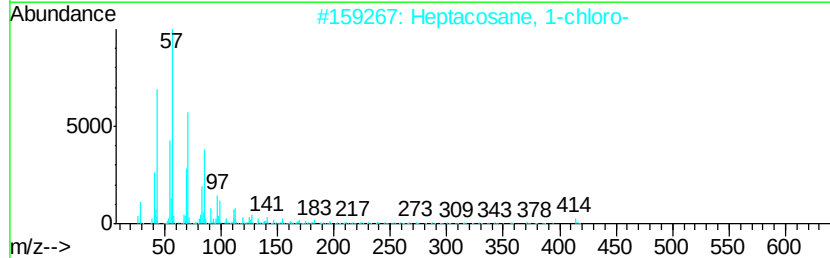
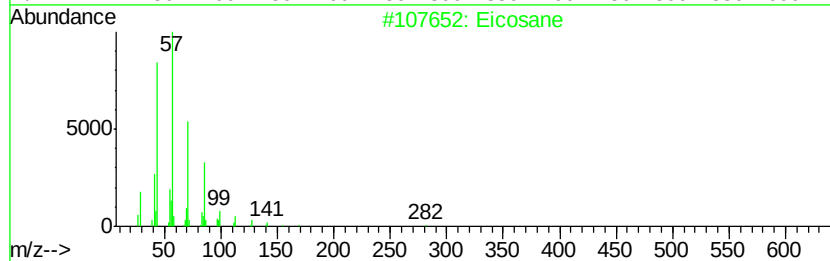
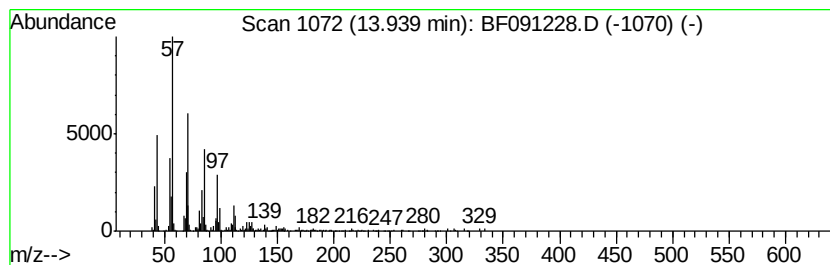
Instrument :
BNA_F
ClientSampleId :
WQ-4W

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.06 ng	289519	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 86
2	Heptacosane, 1-chloro-		414 C27H55Cl	062016-79-9 86
3	Tetratetracontane		619 C44H90	007098-22-8 80
4	Hexadecane, 1-chloro-		260 C16H33Cl	004860-03-1 68
5	2-Bromo dodecane		248 C12H25Br	013187-99-0 62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

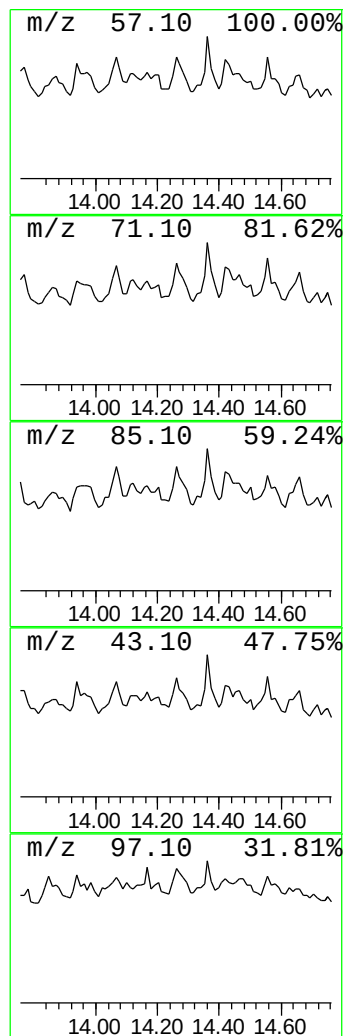
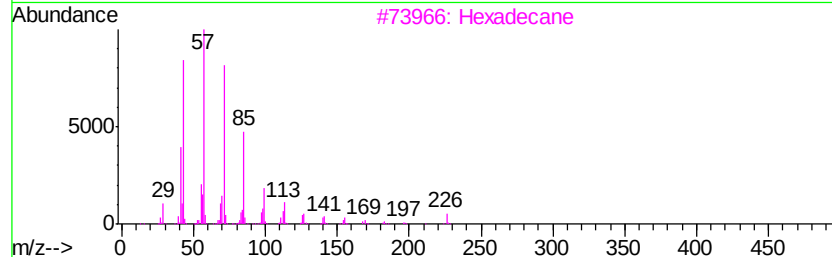
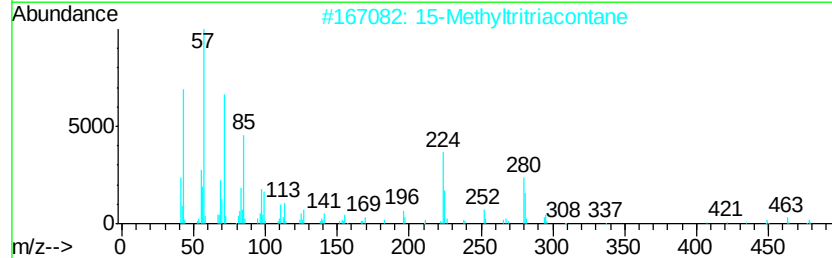
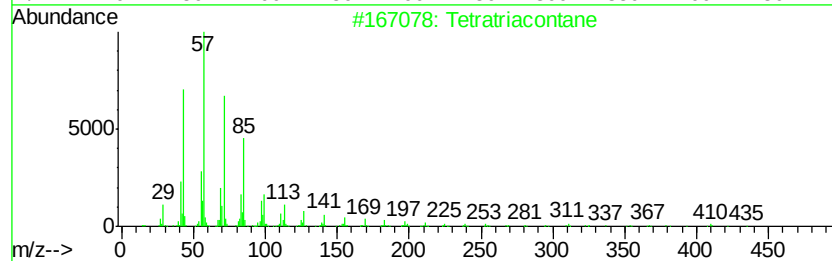
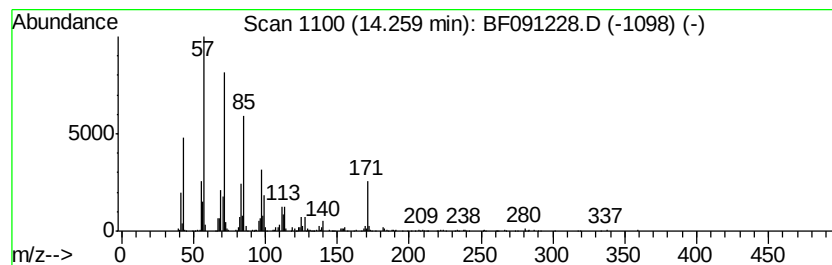
Instrument :
BNA_F
ClientSampleId :
WQ-4W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetratriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.26	5.00 ng	472816	Chrysene-d12	13.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	72
2	15-Methyltritracontane	479	C34H70	1000131-20-3	59
3	Hexadecane	226	C16H34	000544-76-3	58
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
5	Heneicosane, 10-methyl-	310	C22H46	013287-25-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

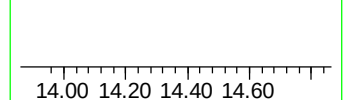
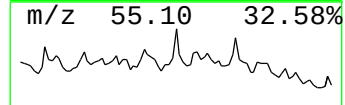
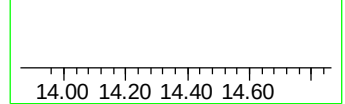
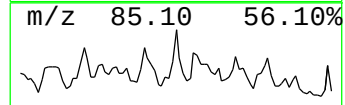
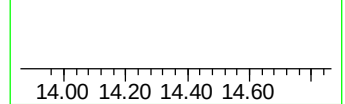
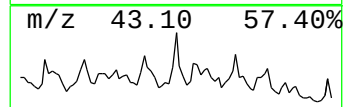
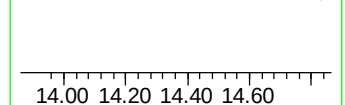
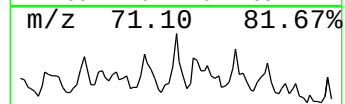
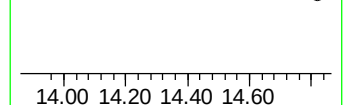
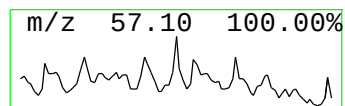
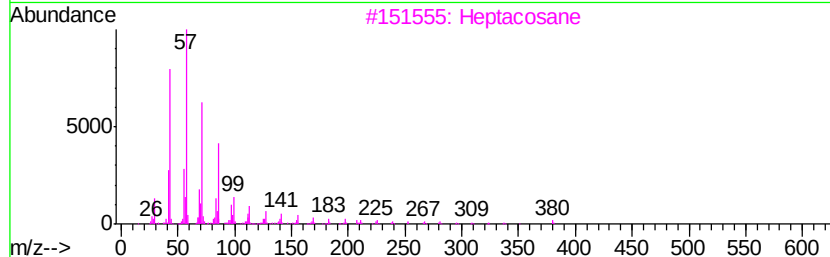
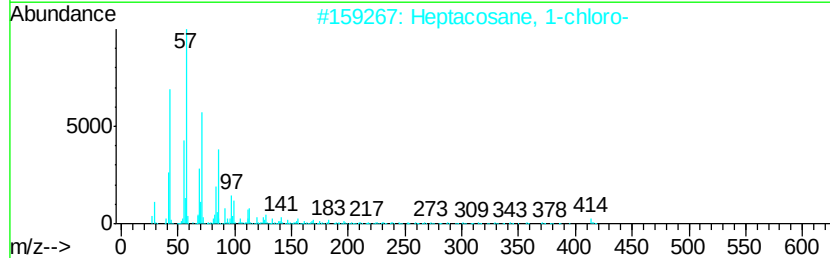
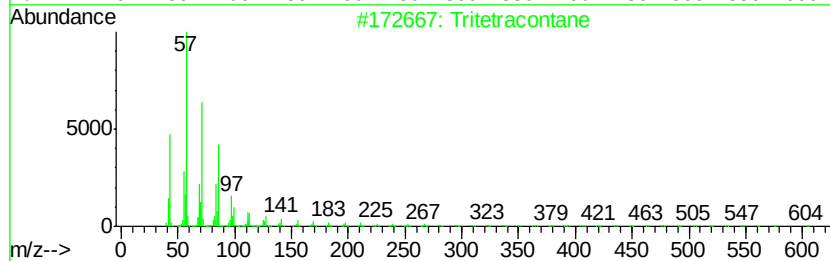
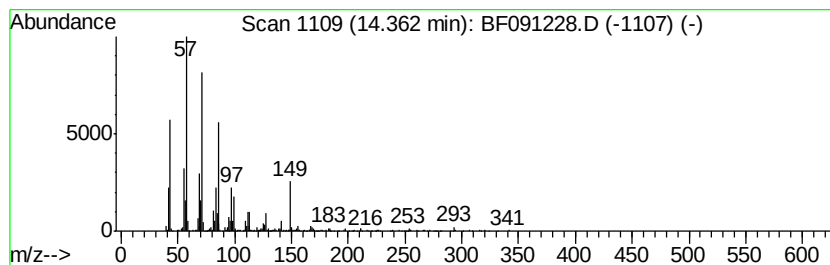
Instrument :
BNA_F
ClientSampleId :
WQ-4W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.36	4.97 ng	470066	Chrysene-d12	13.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Tetratetracontane	619	C44H90	007098-22-8	64
5	Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

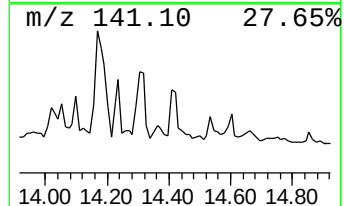
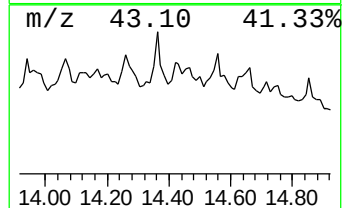
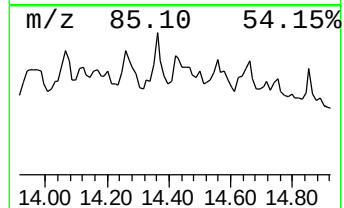
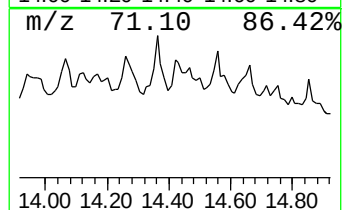
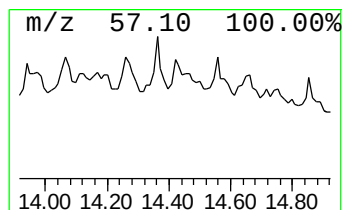
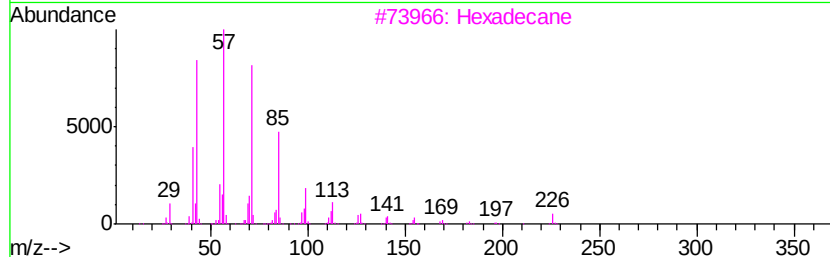
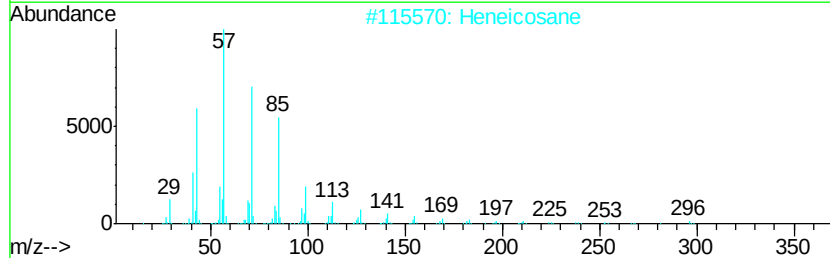
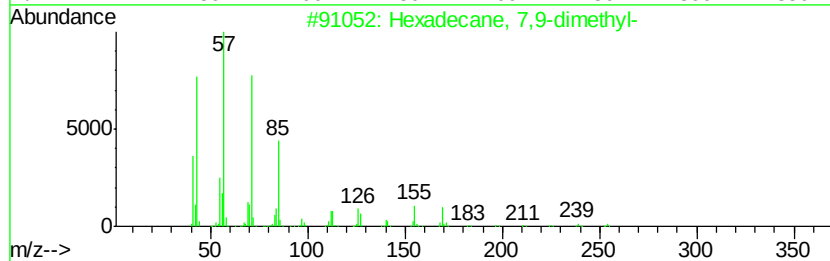
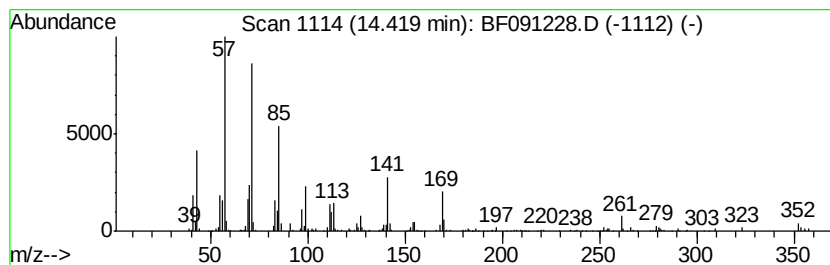
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 7,9-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.97 ng	280546	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	70
2		Heneicosane	296	C21H44	000629-94-7	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Eicosane	282	C20H42	000112-95-8	64
5		Pentacosane	352	C25H52	000629-99-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091228.D
Acq On : 17 Nov 2016 22:32
Operator : UM/SJ
Sample : H5681-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-4W

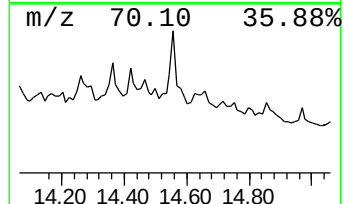
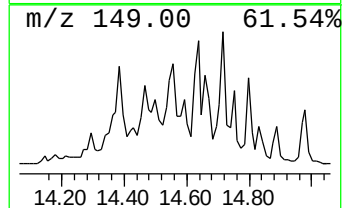
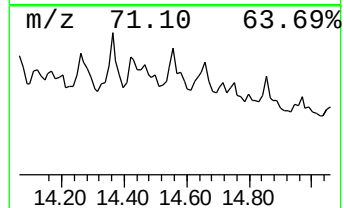
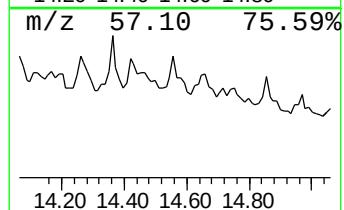
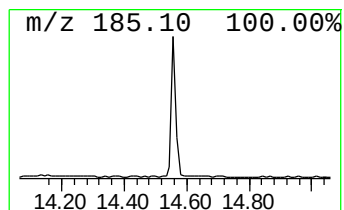
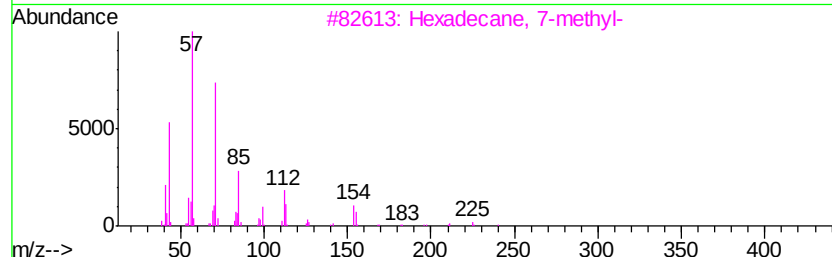
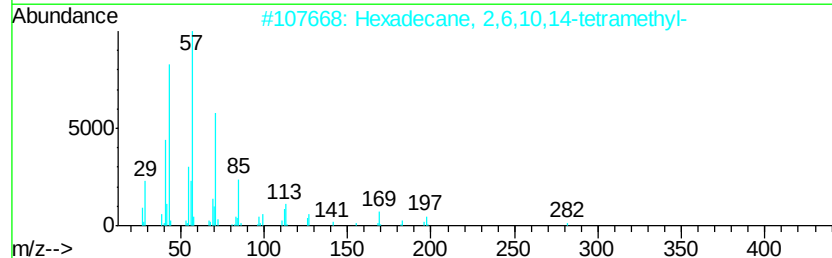
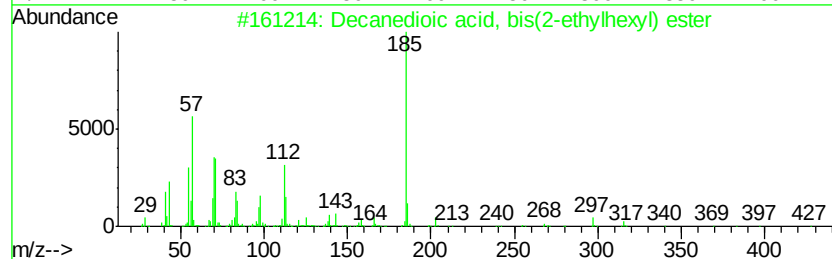
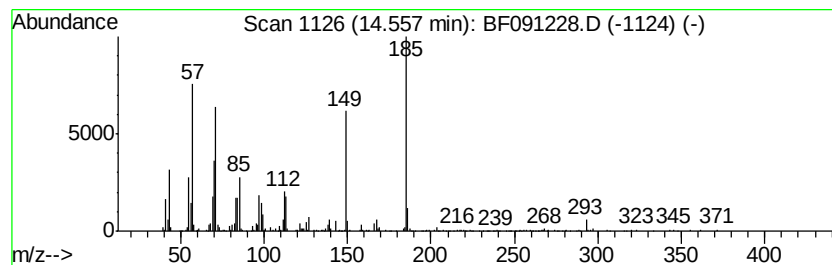
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.56 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.05 ng	267971	Perylene-d12	15.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decanedioic acid, bis(2-ethylhex...	426	C26H50O4	000122-62-3	43
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	22
3			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	22
4			Tritetracontane	605	C43H88	007098-21-7	14
5			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091228.D
 Acq On : 17 Nov 2016 22:32
 Operator : UM/SJ
 Sample : H5681-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-4W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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...	4.74	7.5	ng	443812	1	6.61	1175800	20.0
unknown6.38	6.38	55.5	ng	3262320	1	6.61	1175800	20.0
Hexanoic acid, 2-...	7.38	15.5	ng	1200920	2	7.90	1547700	20.0
Triacetin	8.70	6.1	ng	473827	2	7.90	1547700	20.0
Ethanol, 2-[2-(2-...	9.44	17.2	ng	1332160	3	9.65	1550970	20.0
3,6,9,12,15-Penta...	10.78	8.3	ng	629365	4	11.14	1522130	20.0
Heptadecane	11.02	3.5	ng	264684	4	11.14	1522130	20.0
Dodecane, 3-methyl-	12.39	2.4	ng	183380	4	11.14	1522130	20.0
Tetradecane	12.61	2.2	ng	208453	5	13.78	1889720	20.0
Hexadecane	12.97	2.2	ng	207828	5	13.78	1889720	20.0
Pentadecane	13.09	3.5	ng	333847	5	13.78	1889720	20.0
unknown13.31	13.31	2.1	ng	197582	5	13.78	1889720	20.0
Eicosane	13.94	3.1	ng	289519	5	13.78	1889720	20.0
Tetratriacontane	14.26	5.0	ng	472816	5	13.78	1889720	20.0
Tritetracontane	14.36	5.0	ng	470066	5	13.78	1889720	20.0
Hexadecane, 7,9-d...	14.42	3.0	ng	280546	5	13.78	1889720	20.0
unknown14.56	14.56	6.0	ng	267971	6	15.15	885729	20.0