

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086640.D
 Acq On : 3 May 2016 12:58
 Operator : UM/SJ
 Sample : H2730-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2

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-BF042716.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	3.629	131	135	141	rBV	463274	890725	15.01%	1.443%
2	4.944	248	250	256	rBV	99954	196186	3.31%	0.318%
3	5.344	282	285	288	rBV	4422452	5002566	84.31%	8.106%
4	6.270	362	366	371	rVB2	46528	106226	1.79%	0.172%
5	6.395	373	377	379	rBV	4866693	5933479	100.00%	9.615%
6	6.521	385	388	390	rBV	5437618	5754609	96.99%	9.325%
7	6.750	406	408	412	rBV2	1199324	1300982	21.93%	2.108%
8	6.910	419	422	424	rBV	3821022	4287639	72.26%	6.948%
9	7.036	430	433	437	rVB4	82888	169982	2.86%	0.275%
10	7.150	441	443	444	rBV2	41347	62940	1.06%	0.102%
11	7.276	452	454	455	rBV	61017	90565	1.53%	0.147%
12	7.321	455	458	460	rVV	3412831	3957558	66.70%	6.413%
13	7.401	463	465	467	rVV2	78059	148706	2.51%	0.241%
14	7.470	470	471	473	rVB	63999	60958	1.03%	0.099%
15	7.550	476	478	481	rVB2	103537	194708	3.28%	0.316%
16	7.676	485	489	491	rBV4	143086	274823	4.63%	0.445%
17	7.721	491	493	495	rBV	73315	99051	1.67%	0.161%
18	7.801	498	500	503	rVB3	45656	75080	1.27%	0.122%
19	7.870	503	506	508	rVB3	47925	79868	1.35%	0.129%
20	7.927	508	511	514	rBV4	83705	188427	3.18%	0.305%
21	7.996	514	517	518	rBV2	75589	147924	2.49%	0.240%
22	8.041	518	521	523	rBV	1046166	1544108	26.02%	2.502%
23	8.110	525	527	528	rVB	517855	420086	7.08%	0.681%
24	8.213	533	536	537	rBV2	60997	120420	2.03%	0.195%
25	8.247	537	539	543	rVB	151388	197065	3.32%	0.319%
26	8.327	543	546	548	rBV2	164106	316851	5.34%	0.513%
27	8.430	553	555	556	rVB2	54756	60151	1.01%	0.097%
28	8.476	556	559	563	rVB2	392721	642454	10.83%	1.041%
29	8.579	566	568	569	rBV2	110646	106727	1.80%	0.173%
30	8.636	572	573	575	rBV2	51923	84380	1.42%	0.137%
31	8.739	580	582	583	rVB	184929	218793	3.69%	0.355%
32	8.784	583	586	587	rBV2	38880	64806	1.09%	0.105%
33	8.921	596	598	599	rBV2	72415	67179	1.13%	0.109%
34	8.956	599	601	603	rVB	131566	159047	2.68%	0.258%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086640.D
 Acq On : 3 May 2016 12:58
 Operator : UM/SJ
 Sample : H2730-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2

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-BF042716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.070	608	611	612 rBV	618068	583583	9.84%	0.946%
36	9.116	612	615	618 rVV	4693196	5025012	84.69%	8.143%
37	9.207	620	623	625 rVV3	163366	358336	6.04%	0.581%
38	9.253	625	627	631 rVB4	116544	283904	4.78%	0.460%
39	9.367	634	637	638 rBV3	34020	59406	1.00%	0.096%
40	9.459	643	645	646 rVV2	53423	78500	1.32%	0.127%
41	9.516	648	650	652 rVV2	972102	1280278	21.58%	2.075%
42	9.584	654	656	661 rVB4	55414	152532	2.57%	0.247%
43	9.664	661	663	665 rBV3	45072	60290	1.02%	0.098%
44	9.699	665	666	668 rBV	85570	112017	1.89%	0.182%
45	9.733	668	669	671 rVB	209542	173212	2.92%	0.281%
46	9.790	671	674	676 rBV	1921411	1877427	31.64%	3.042%
47	9.904	682	684	686 rVB	72964	78633	1.33%	0.127%
48	9.962	686	689	690 rBV3	113919	189774	3.20%	0.308%
49	9.996	690	692	693 rVV	142051	196392	3.31%	0.318%
50	10.053	695	697	699 rVB	188227	195708	3.30%	0.317%
51	10.236	710	713	714 rBV	162160	215081	3.62%	0.349%
52	10.453	729	732	734 rBV	496231	623280	10.50%	1.010%
53	10.499	735	736	738 rVB2	79689	80775	1.36%	0.131%
54	10.533	738	739	740 rBV	63912	66037	1.11%	0.107%
55	10.579	740	743	746 rVV	3692591	4113155	69.32%	6.665%
56	10.716	749	755	759 rVV	677516	1171720	19.75%	1.899%
57	10.773	759	760	765 rVV4	54881	95218	1.60%	0.154%
58	10.910	768	772	775 rVB3	91238	235642	3.97%	0.382%
59	11.036	780	783	785 rVB2	59394	90888	1.53%	0.147%
60	11.150	791	793	794 rBV	148410	132824	2.24%	0.215%
61	11.185	794	796	799 rVB	257056	372495	6.28%	0.604%
62	11.265	801	803	806 rBV2	1271470	1588815	26.78%	2.575%
63	11.527	824	826	829 rVB	75672	79443	1.34%	0.129%
64	11.813	849	851	852 rBV2	72501	88534	1.49%	0.143%
65	12.442	904	906	908 rBV	246862	284331	4.79%	0.461%
66	12.853	939	942	945 rBV	3390274	5115749	86.22%	8.290%
67	13.093	961	963	965 rBV	116724	102847	1.73%	0.167%
68	13.436	991	993	995 rBV	193581	170985	2.88%	0.277%
69	13.768	1019	1022	1031 rBV	323993	486127	8.19%	0.788%
70	13.905	1031	1034	1036 rBV	864864	1341573	22.61%	2.174%
71	14.076	1047	1049	1052 rBV	127154	144877	2.44%	0.235%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.385	1074	1076	1082	rBV	96118	141132	2.38%	0.229%
73	14.602	1088	1095	1100	rBV4	45727	186266	3.14%	0.302%
74	15.288	1152	1155	1158	rBV	705690	980942	16.53%	1.590%
75	15.333	1158	1159	1166	rVB	48520	71920	1.21%	0.117%

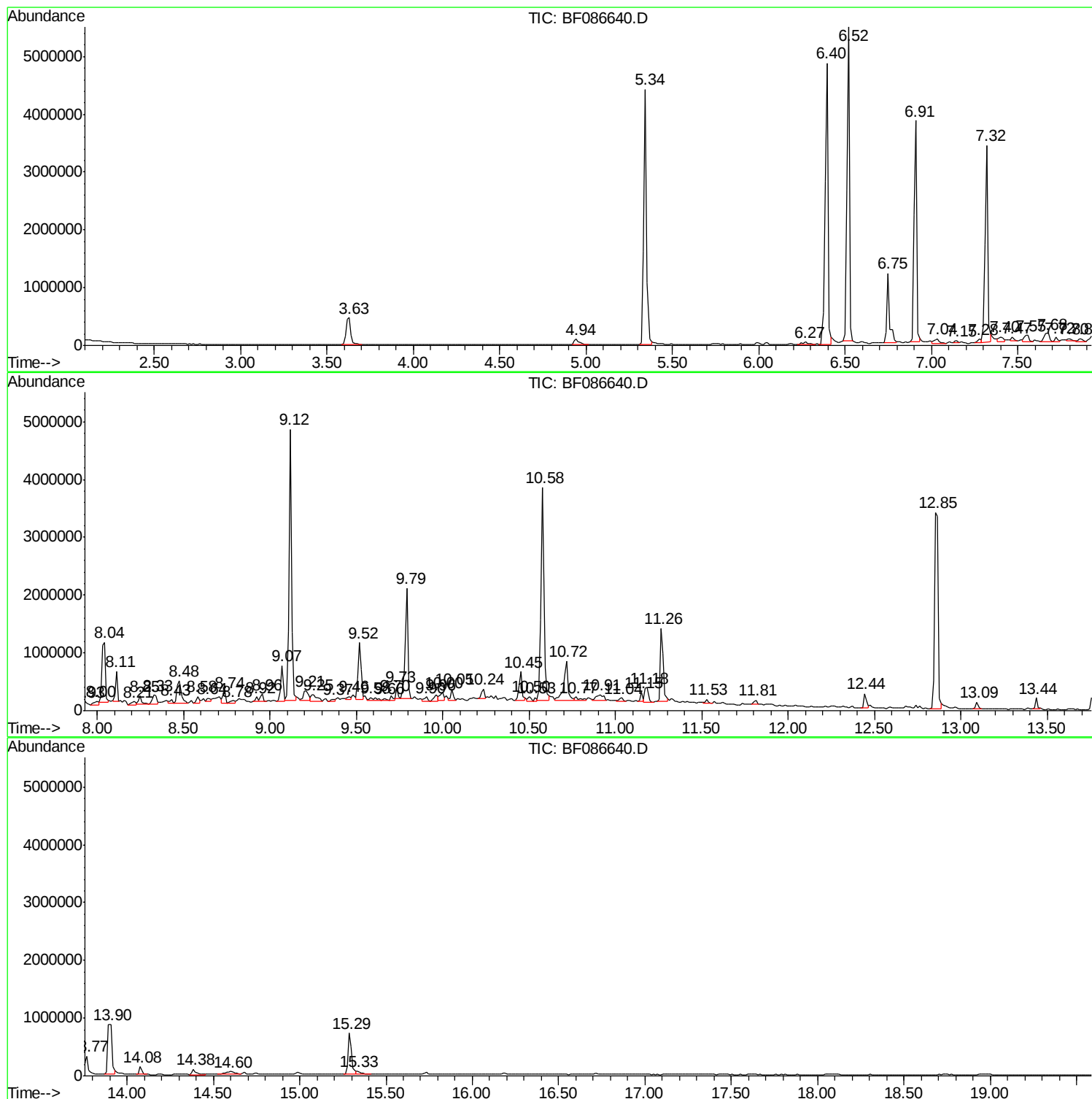
Sum of corrected areas: 61710729

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

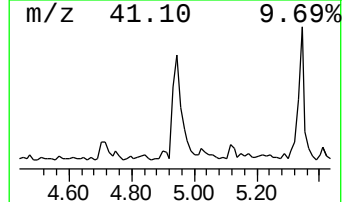
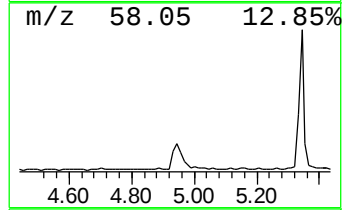
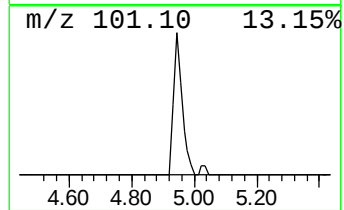
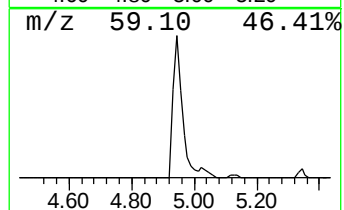
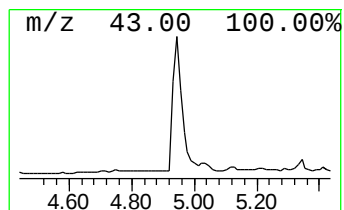
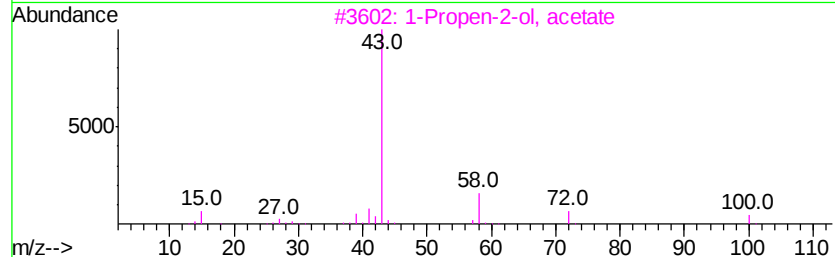
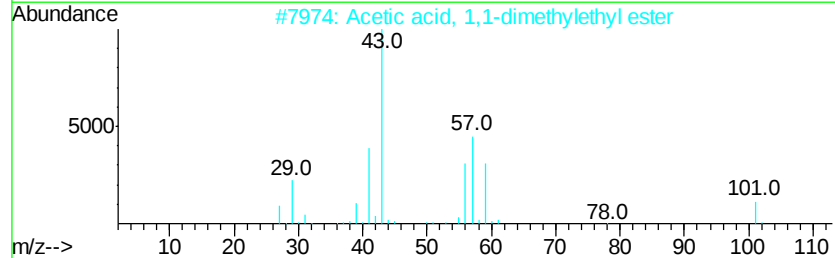
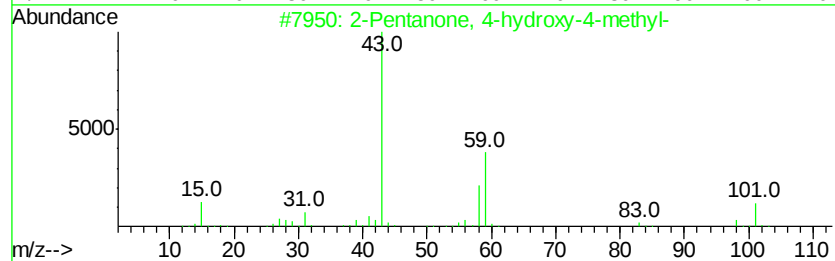
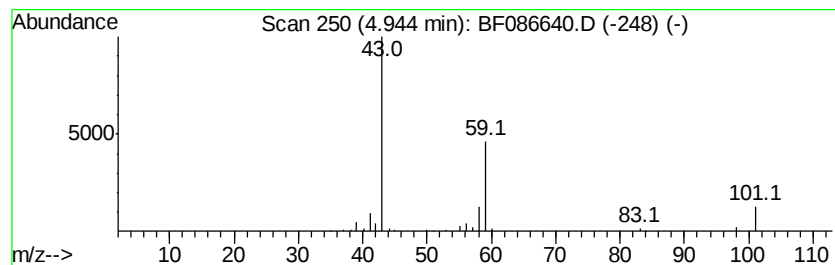
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	3.02 ng	196186	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Diacetamide	101	C4H7NO2	000625-77-4	9
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

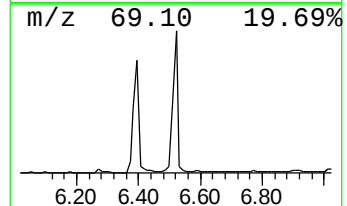
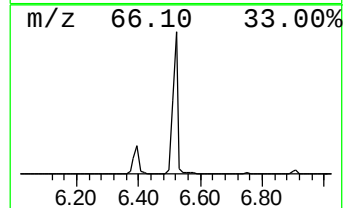
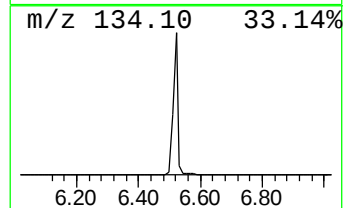
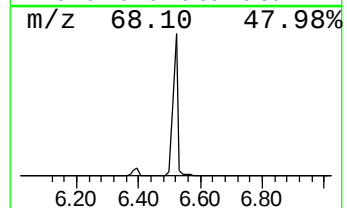
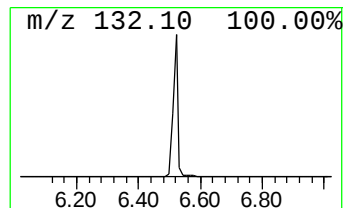
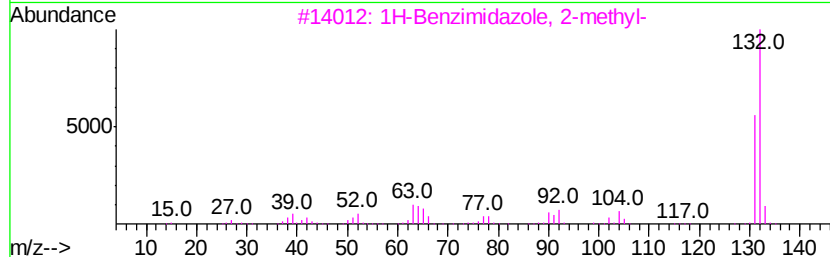
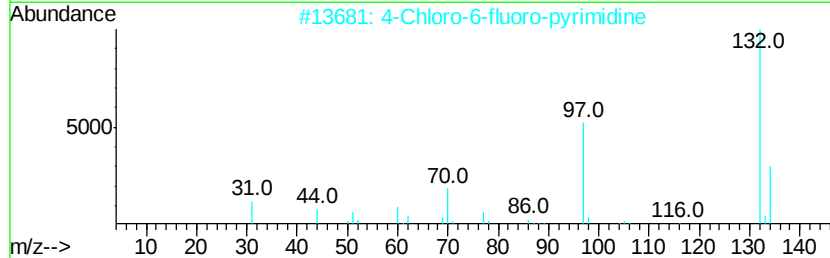
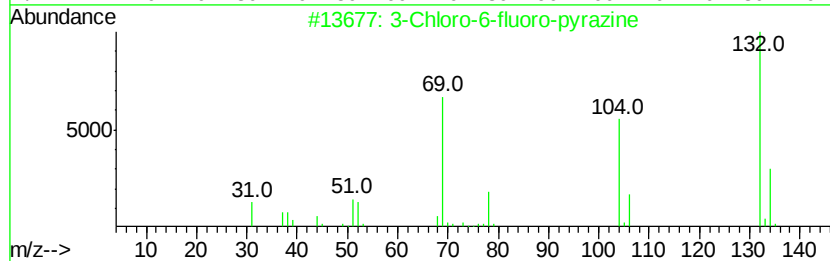
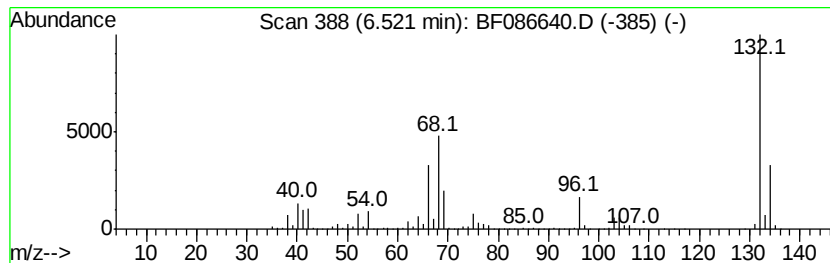
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	88.47 ng	5754610	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine			132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-			132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	16
5	Pyrazolo(2,3-a)pyridine, 7-methyl-			132	C8H8N2	034760-58-2	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

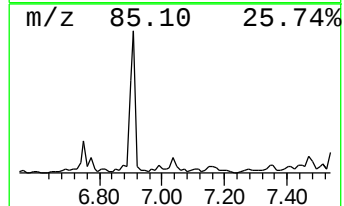
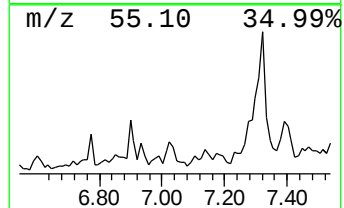
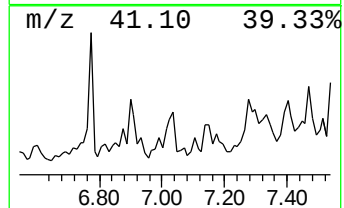
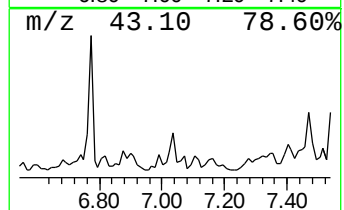
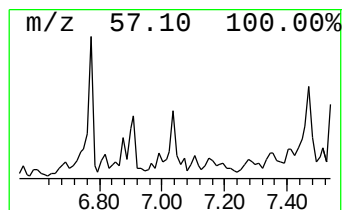
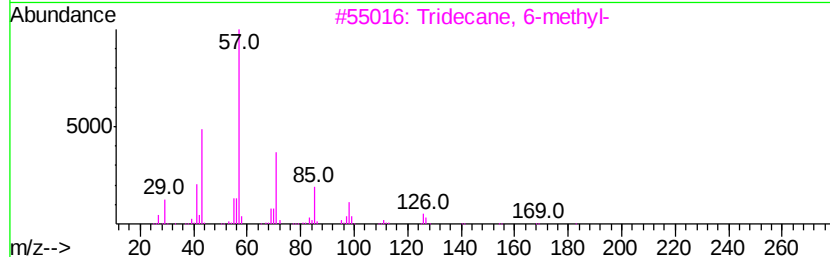
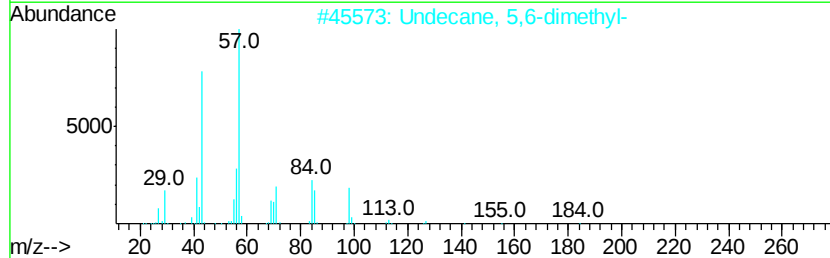
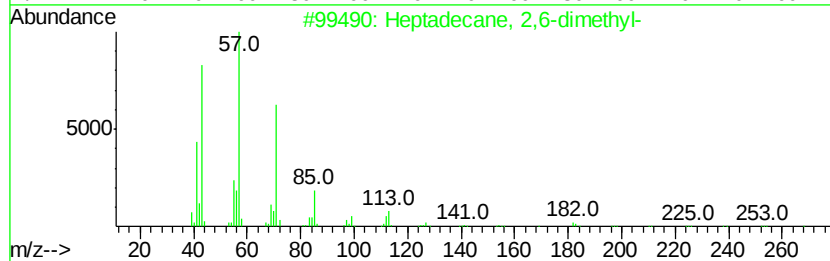
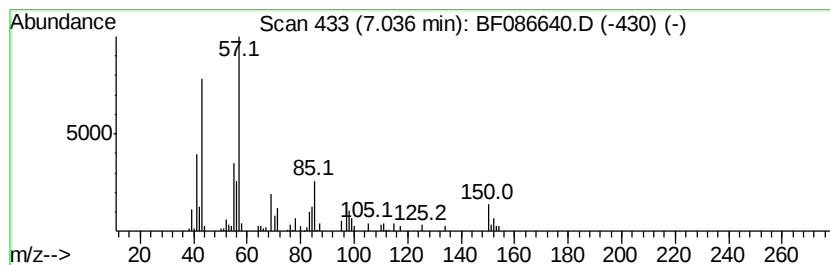
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	2.61 ng	169982	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	50
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4		Ether, heptyl hexyl	200	C13H28O	007289-40-9	47
5		Decane, 5-methyl-	156	C11H24	013151-35-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

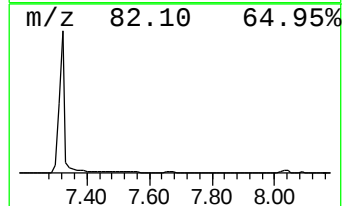
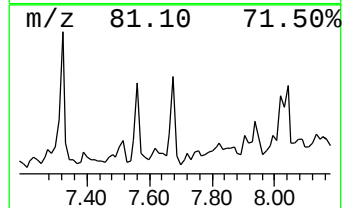
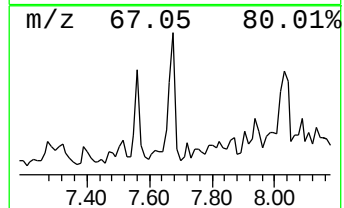
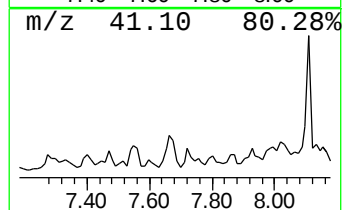
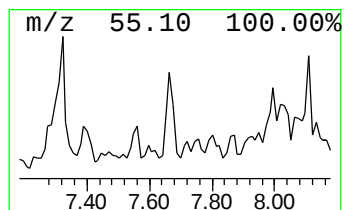
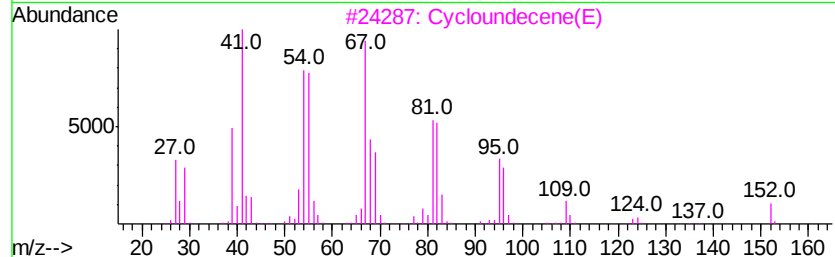
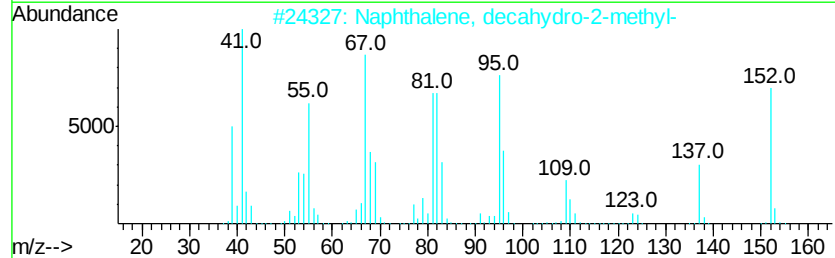
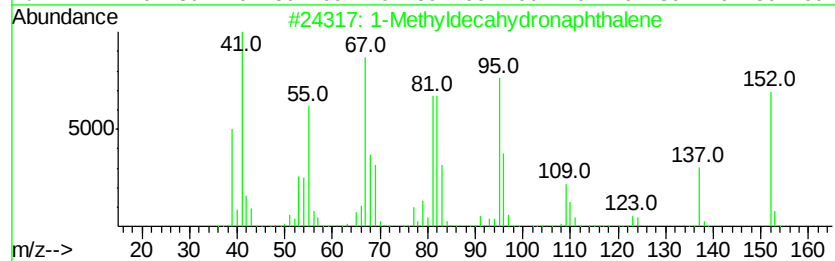
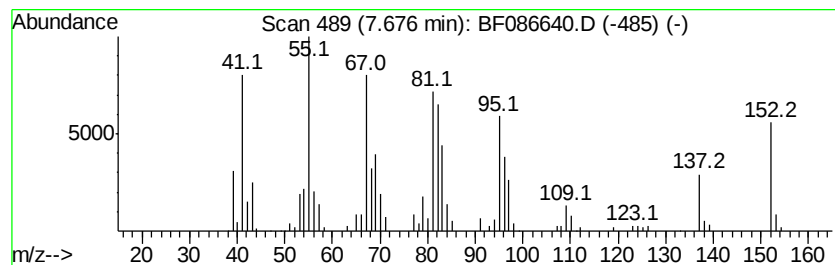
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Methyldecahydronaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	3.56 ng	274823	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3		Cycloundecene(E)	152	C11H20	013151-60-5	64
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

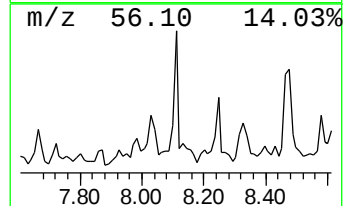
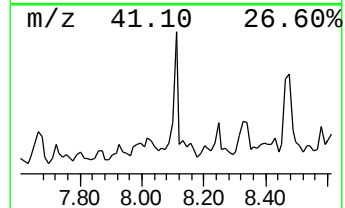
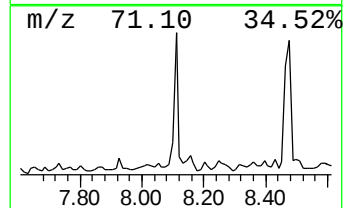
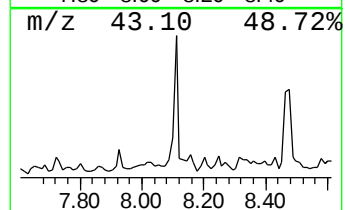
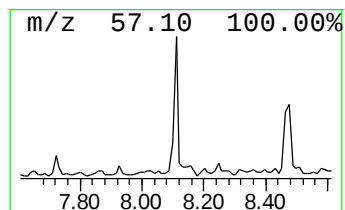
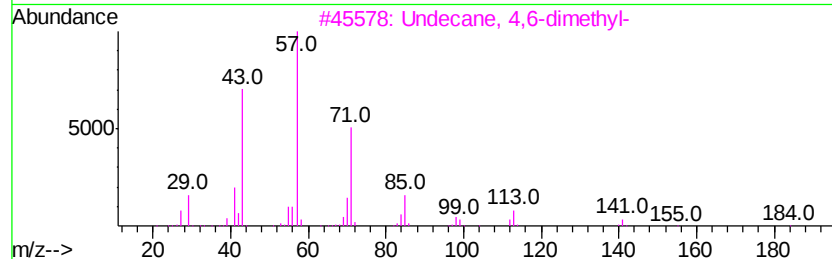
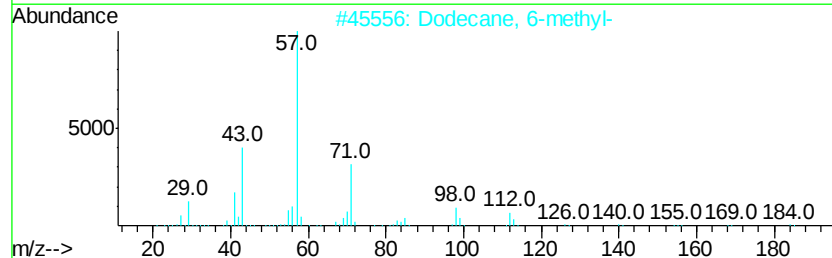
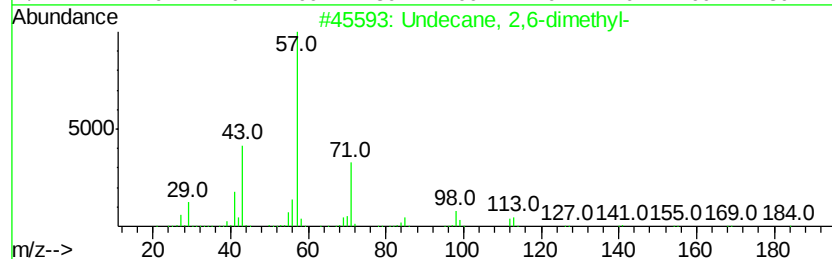
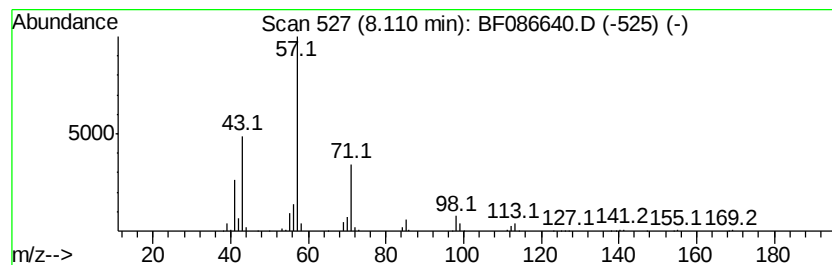
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.11	5.44 ng	420086	Napthalene-d8	8.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

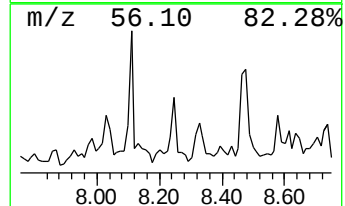
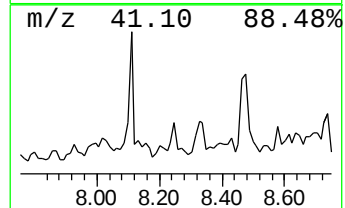
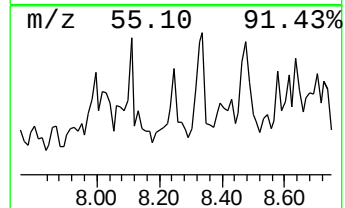
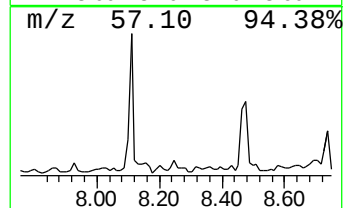
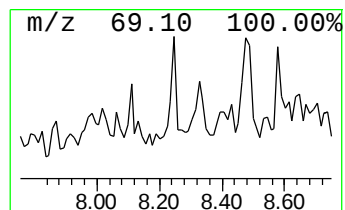
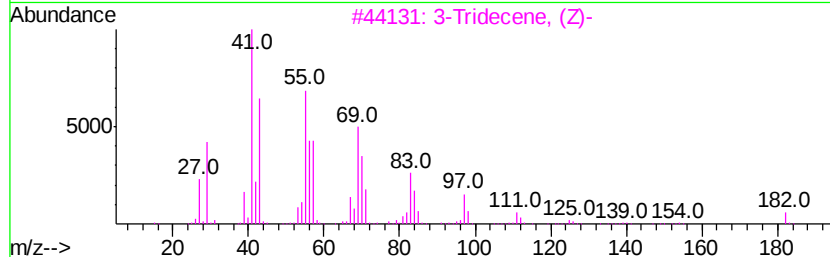
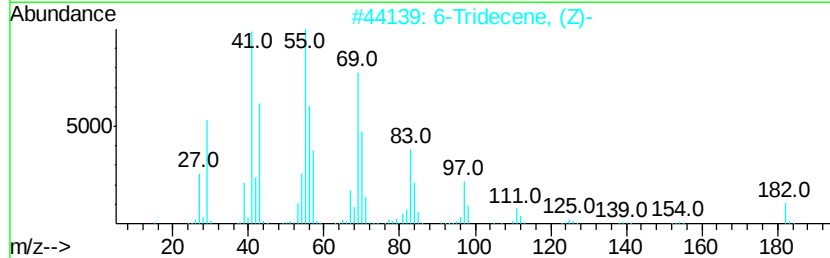
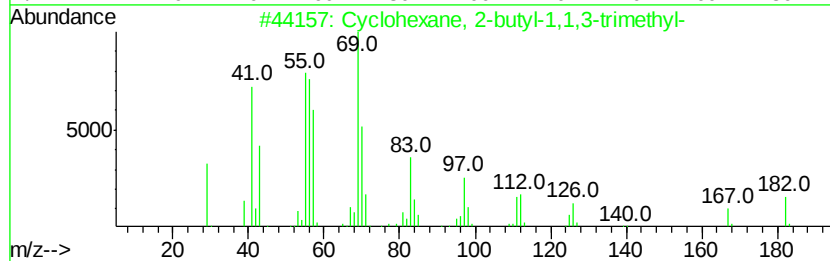
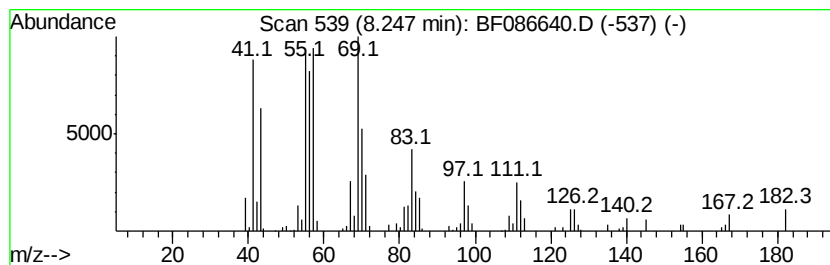
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	2.55 ng	197065	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2		6-Tridecene, (Z)-	182	C13H26	006508-77-6	90
3		3-Tridecene, (Z)-	182	C13H26	041446-53-1	87
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	83
5		6-Tridecene, (E)-	182	C13H26	006434-76-0	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

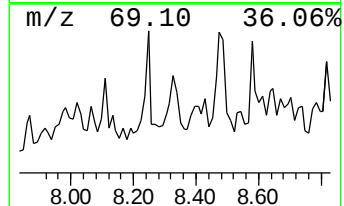
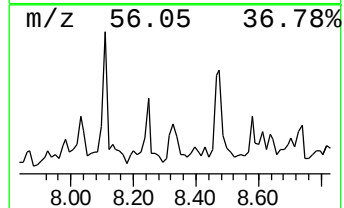
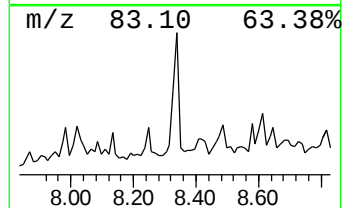
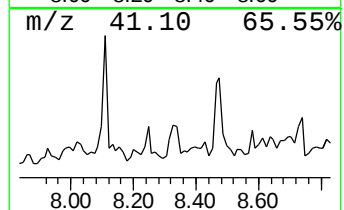
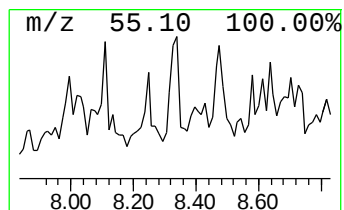
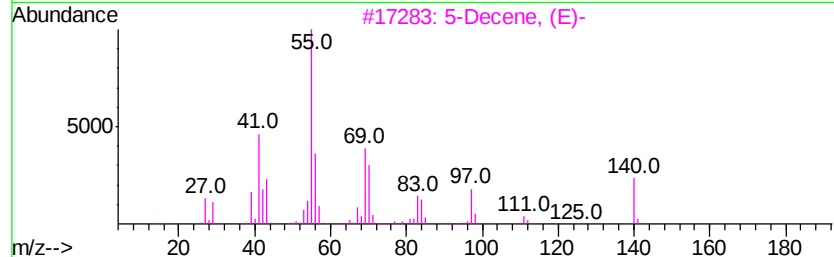
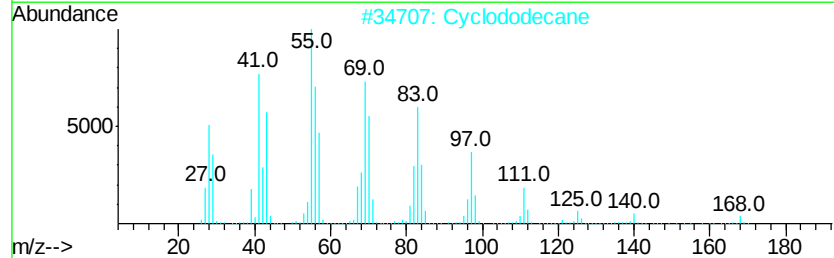
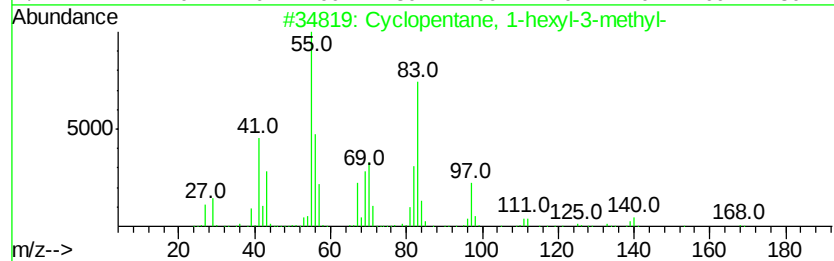
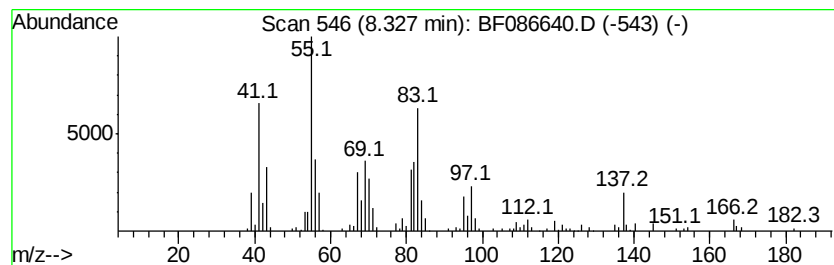
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentane, 1-hexyl-3-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	4.10 ng	316851	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	81
2		Cyclododecane	168	C12H24	000294-62-2	60
3		5-Decene, (E)-	140	C10H20	007433-56-9	50
4		1-Tridecene	182	C13H26	002437-56-1	50
5		Cyclotetradecane	196	C14H28	000295-17-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

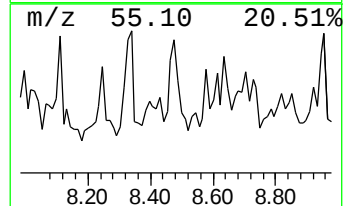
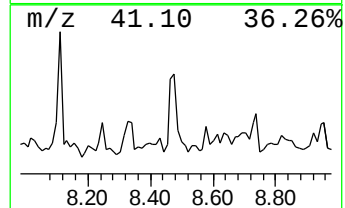
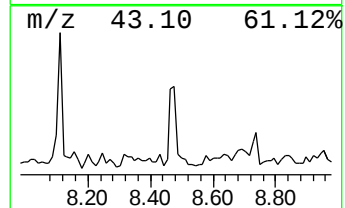
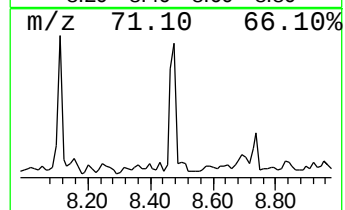
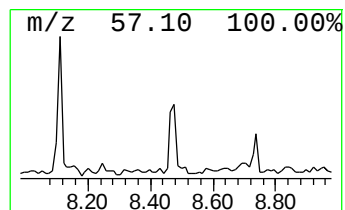
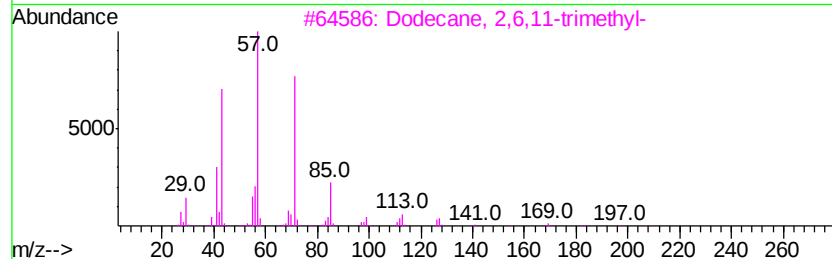
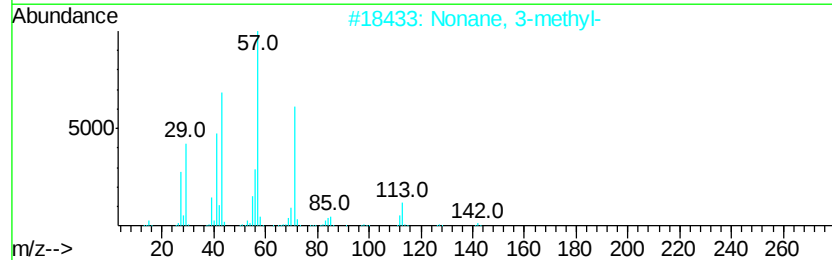
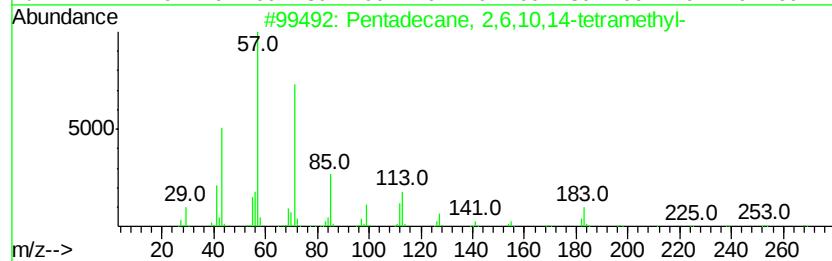
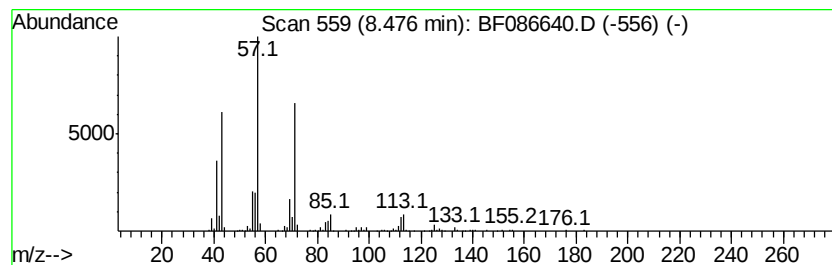
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	8.32 ng	642454	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	78
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

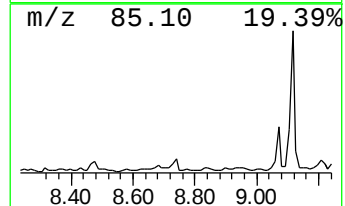
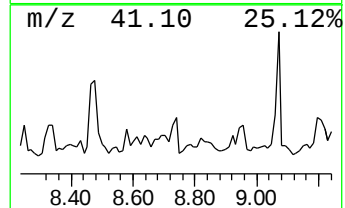
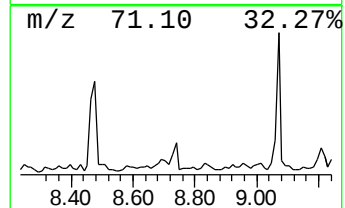
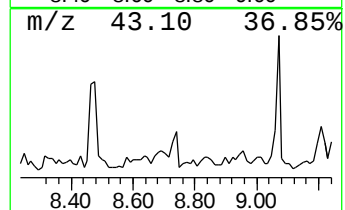
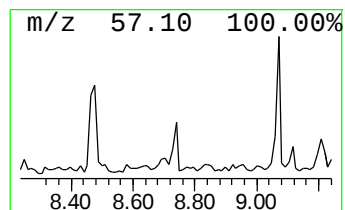
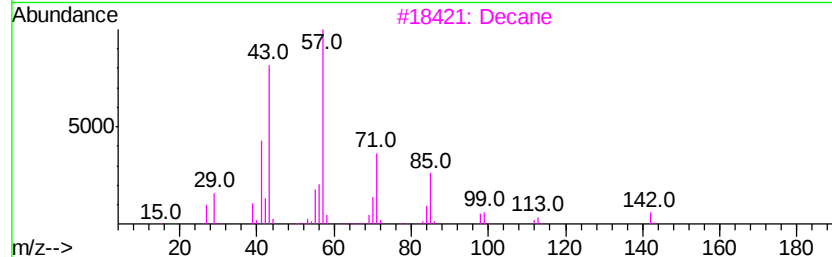
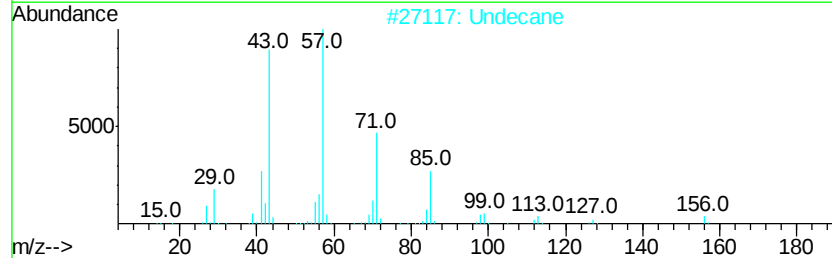
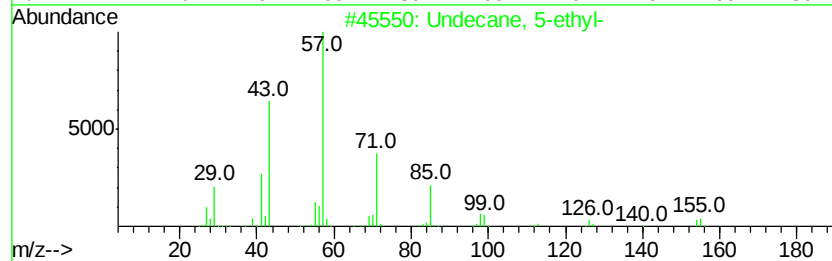
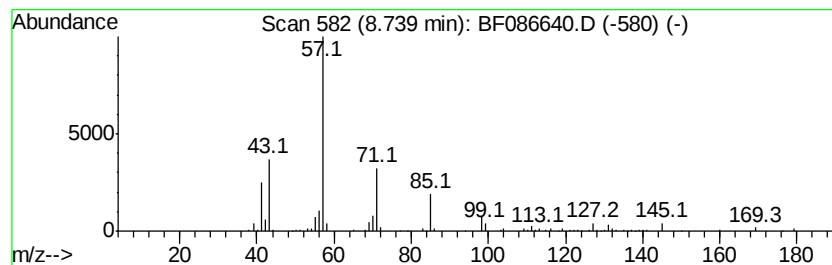
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 5-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	2.83 ng	218793	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2		Undecane	156	C11H24	001120-21-4	53
3		Decane	142	C10H22	000124-18-5	53
4		Tetradecane	198	C14H30	000629-59-4	53
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

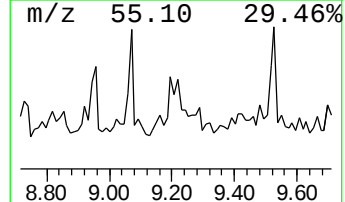
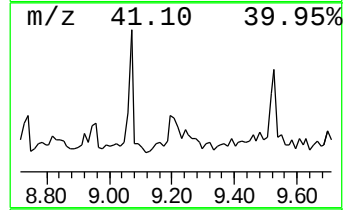
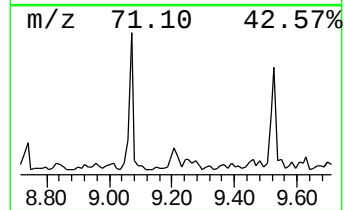
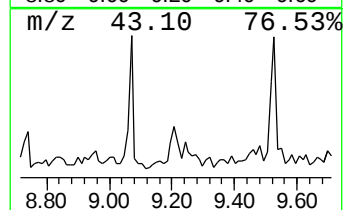
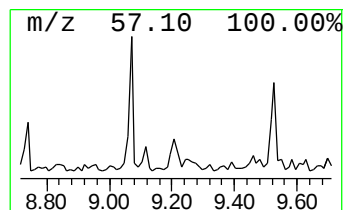
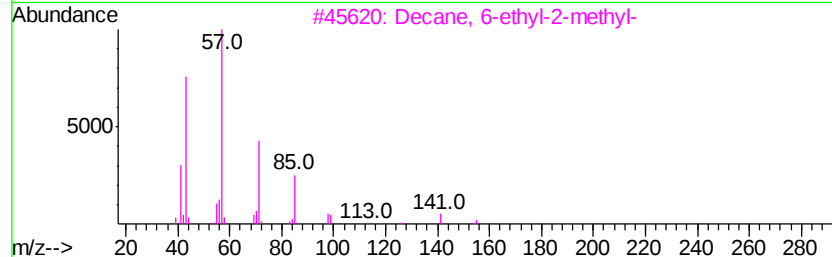
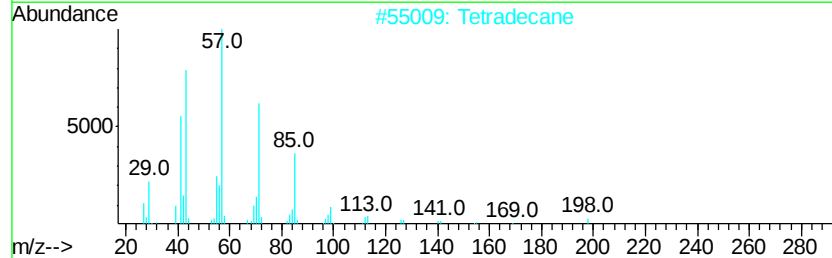
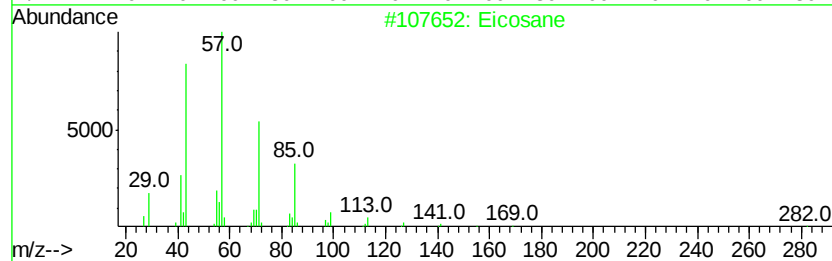
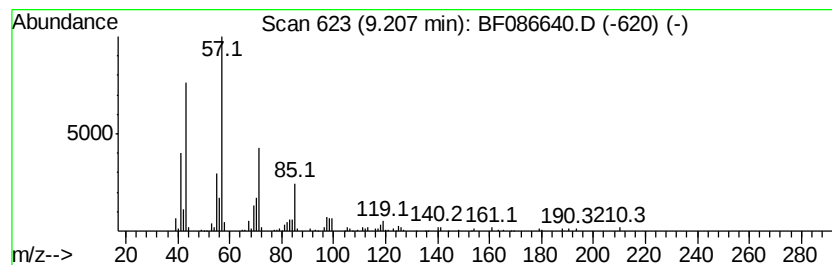
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.21	3.82 ng	358336	Acenaphthene-d10	9.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

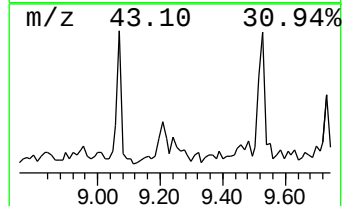
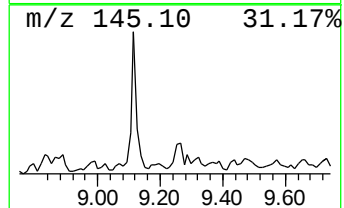
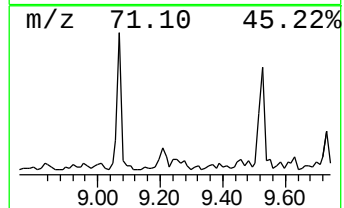
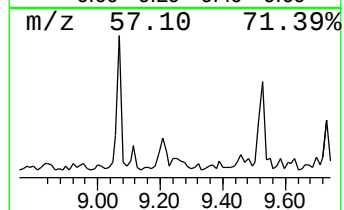
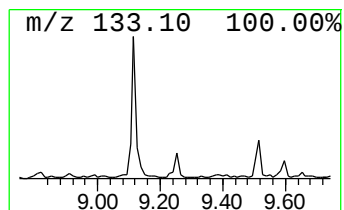
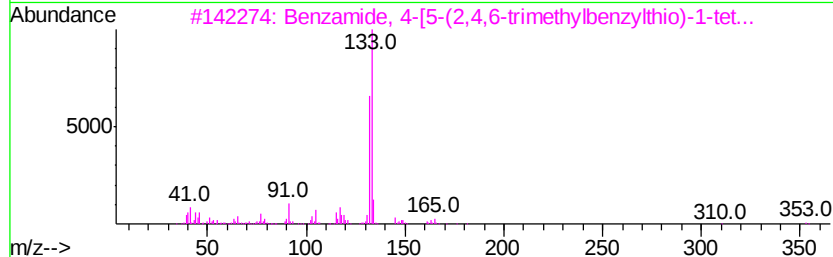
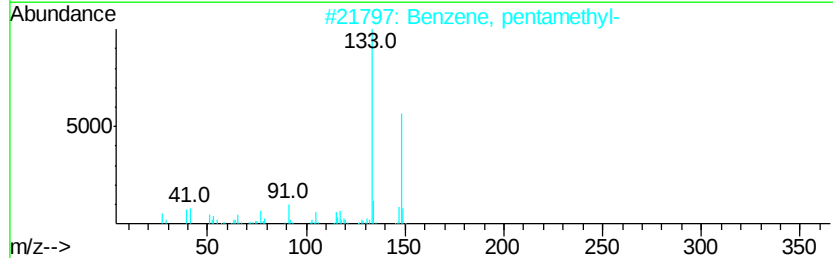
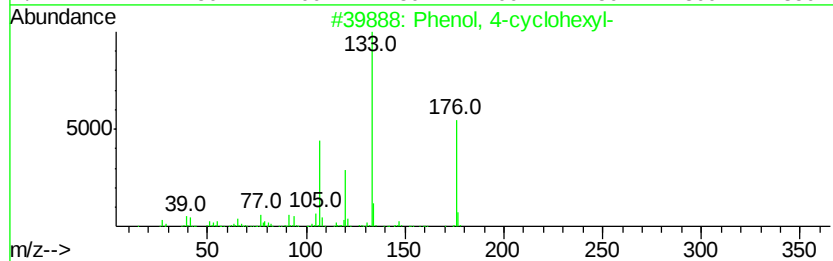
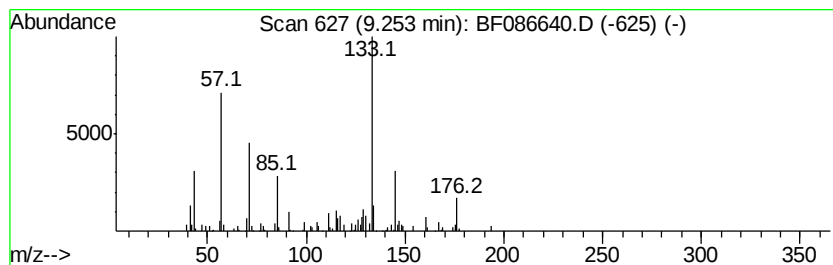
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.25 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.02 ng	283904	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-cvclohexyl-	176	C12H16O	001131-60-8	35
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	35
3		Benzamide, 4-[5-(2,4,6-trimethyl...	353	C18H19N5OS	309735-33-9	35
4		Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	27
5		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

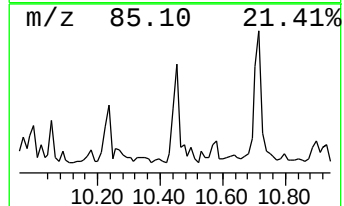
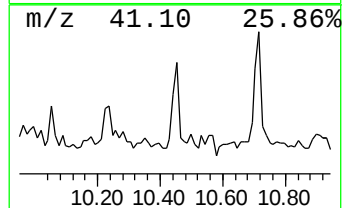
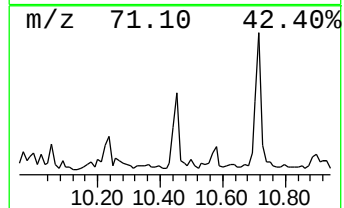
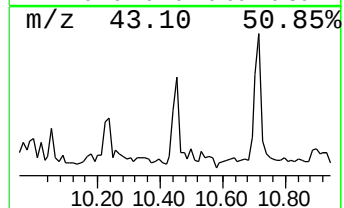
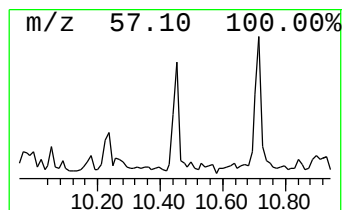
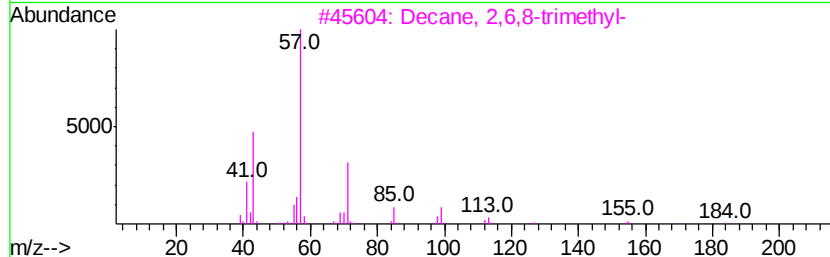
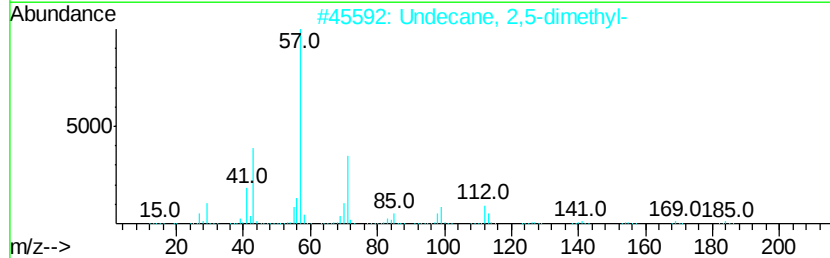
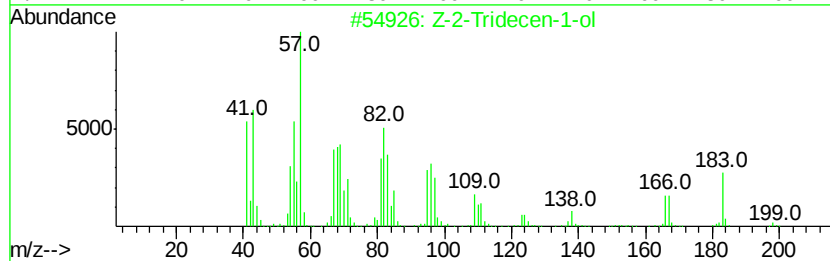
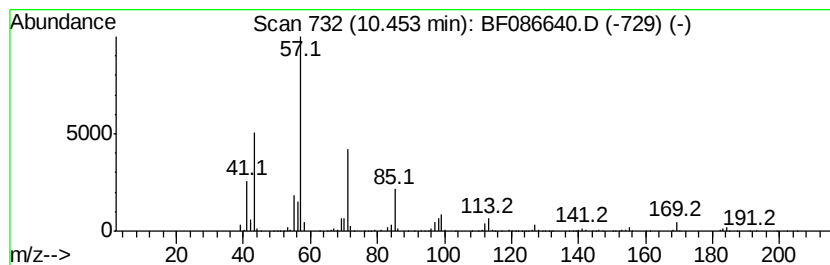
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Z-2-Tridecen-1-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.45	6.64 ng	623280	Acenaphthene-d10		9.79
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	83
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Heptacosane	380	C27H56	000593-49-7	64
5	Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

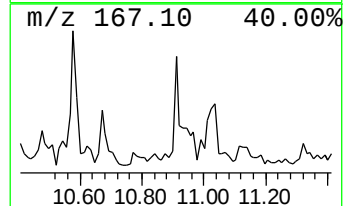
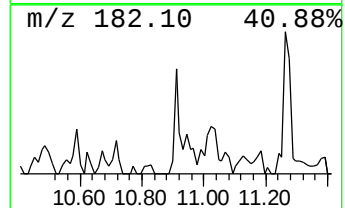
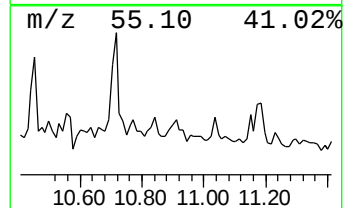
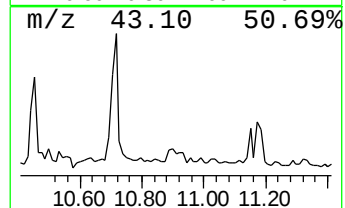
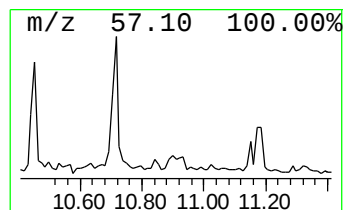
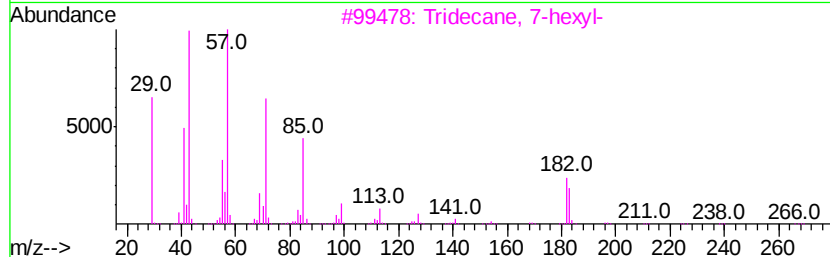
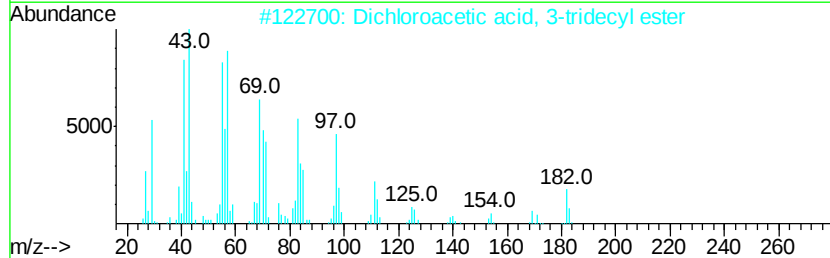
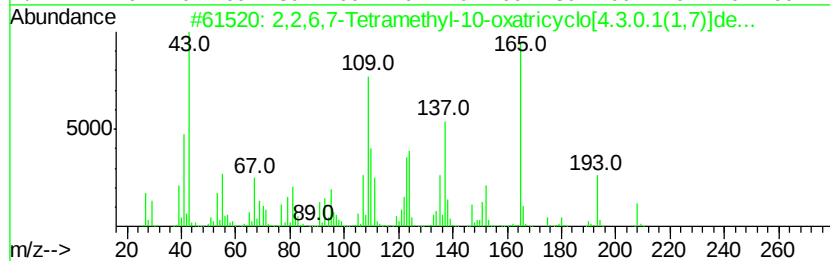
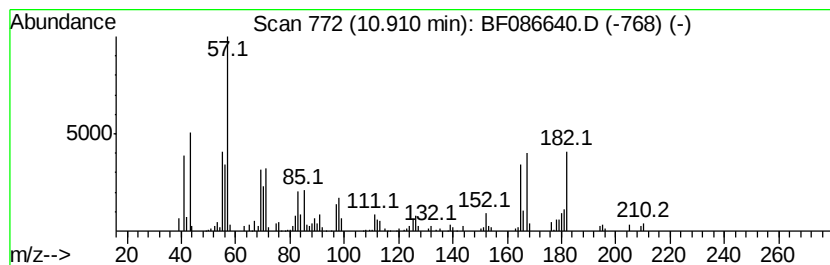
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.97 ng	235642	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6,7-Tetramethyl-10-oxatricyc...	208	C13H20O2	121747-63-5	10		
2	Dichloroacetic acid, 3-tridecyl ...	310	C15H28Cl2O2	1000280-64-2	9		
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	9		
4	2-Acetyl-3,3-dimethyl-2-(3-oxo-b...	224	C13H20O3	1000185-69-0	9		
5	1,3-Dioxane, 5-bromo-2-methyl-, ...	180	C5H9BrO2	035878-05-8	9		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

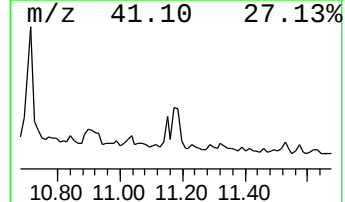
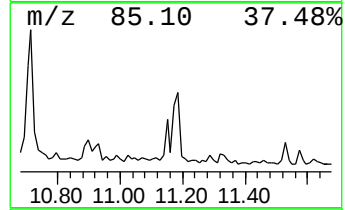
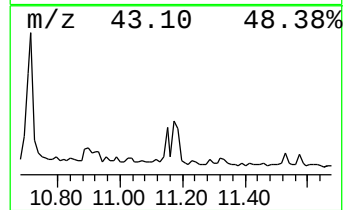
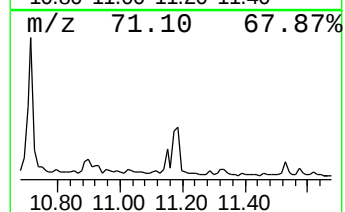
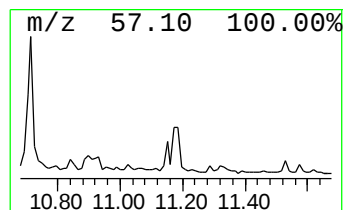
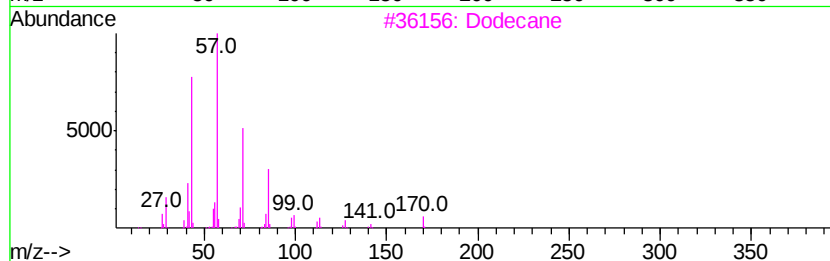
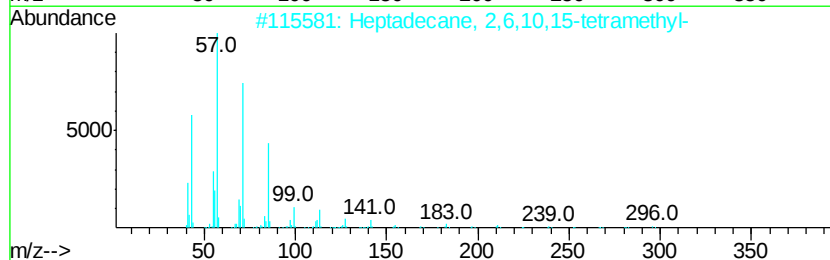
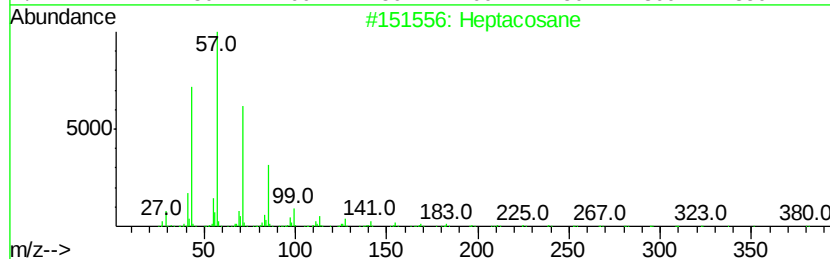
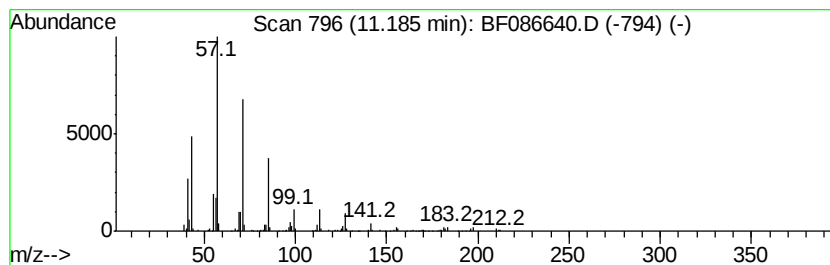
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	4.69 ng	372495	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3		Dodecane	170	C12H26	000112-40-3	80
4		Eicosane	282	C20H42	000112-95-8	78
5		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

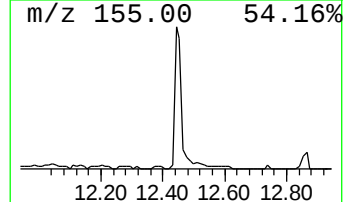
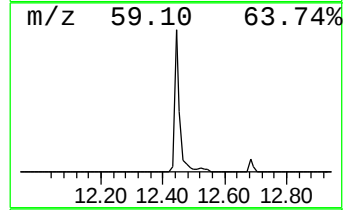
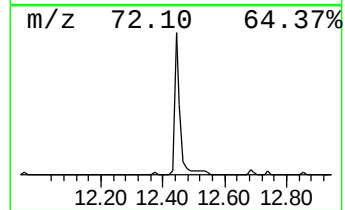
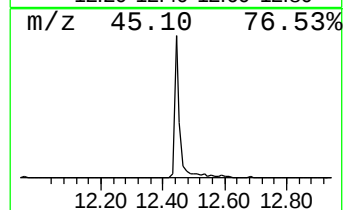
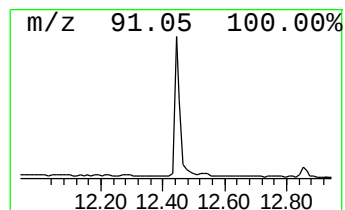
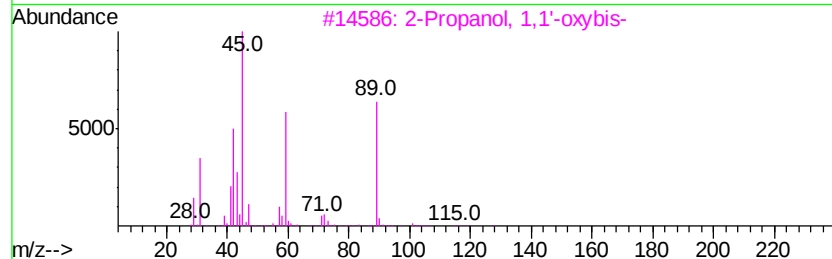
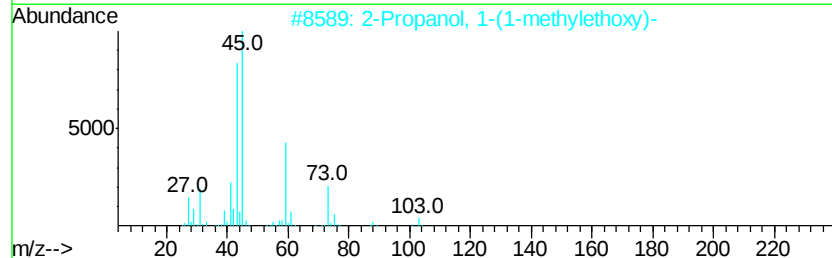
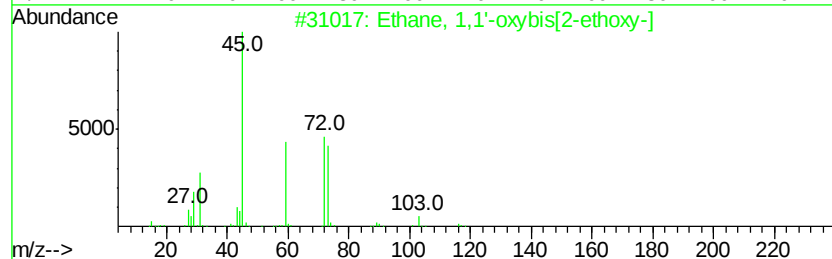
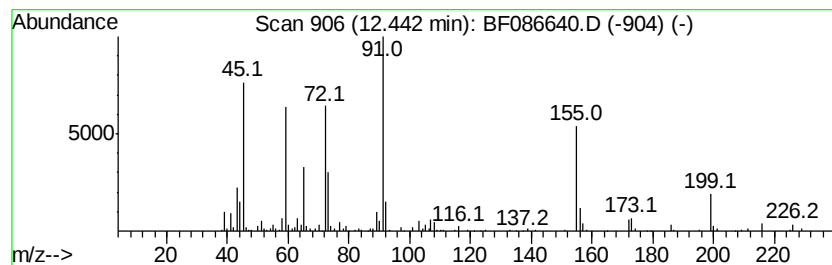
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown12.44 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	3.58 ng	284331	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	47
2			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
3			2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	35
4			Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	35
5			4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

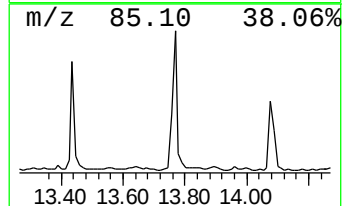
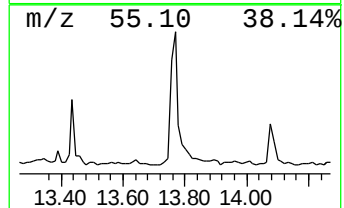
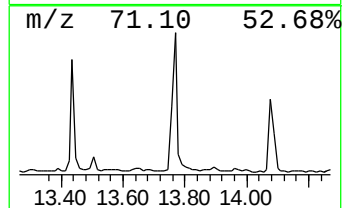
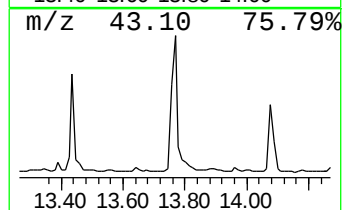
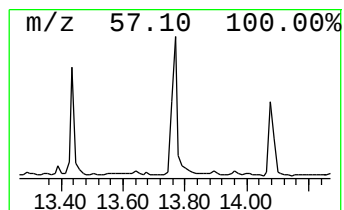
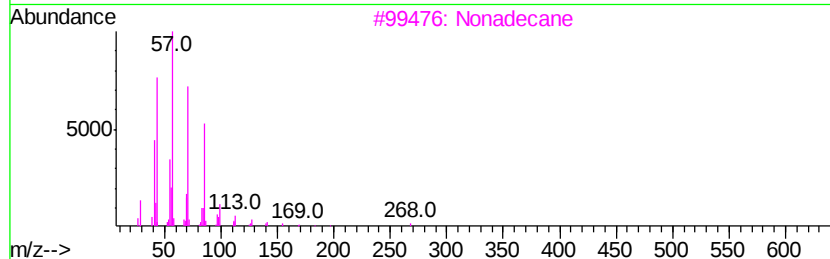
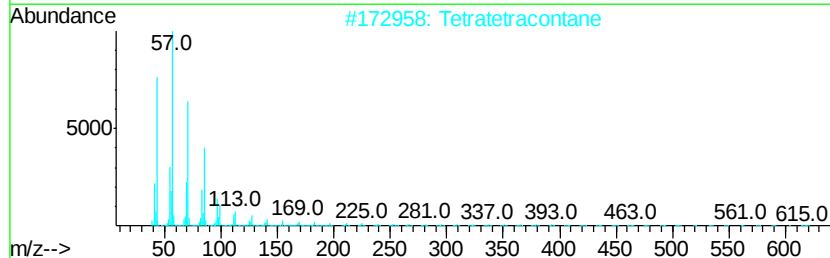
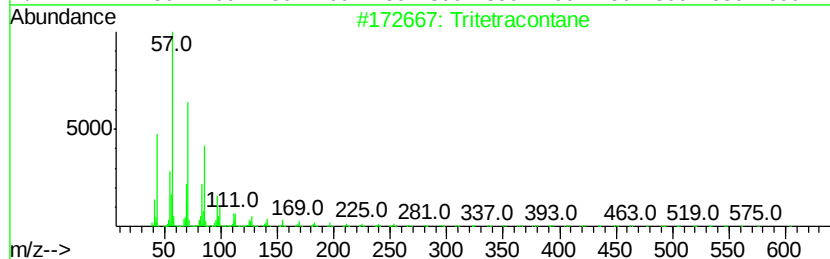
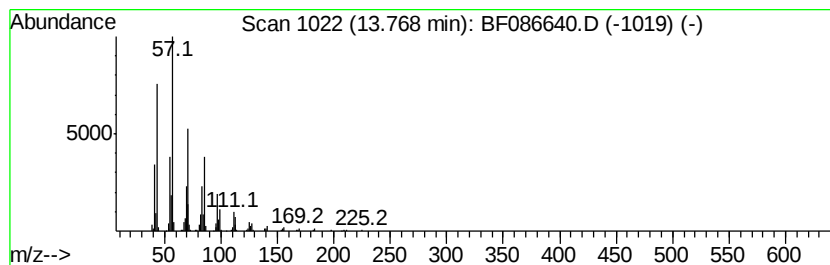
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.25 ng	486127	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	87
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Nonadecane	268	C19H40	000629-92-5	68
4		Pentadecane	212	C15H32	000629-62-9	62
5		Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
Data File : BF086640.D
Acq On : 3 May 2016 12:58
Operator : UM/SJ
Sample : H2730-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-2

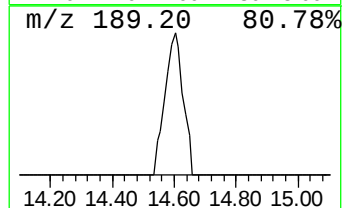
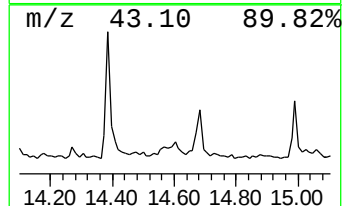
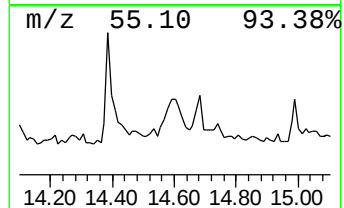
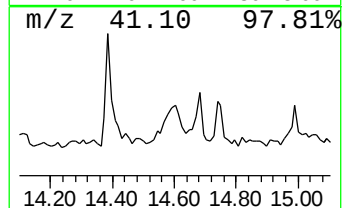
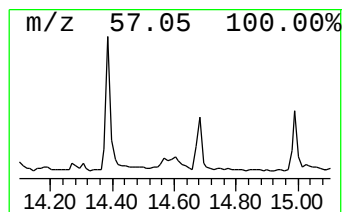
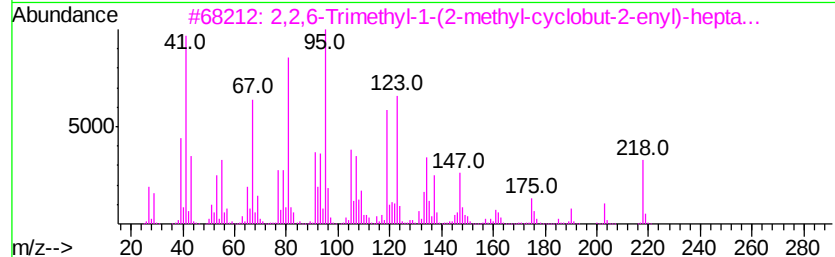
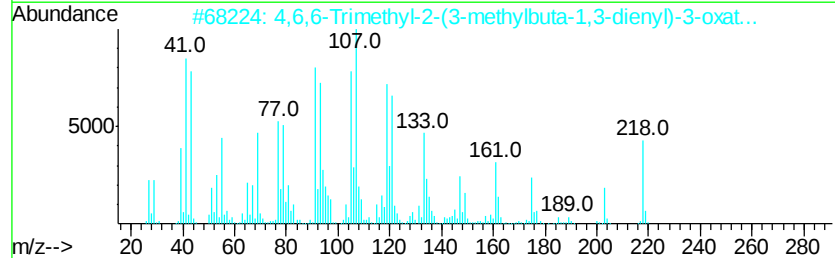
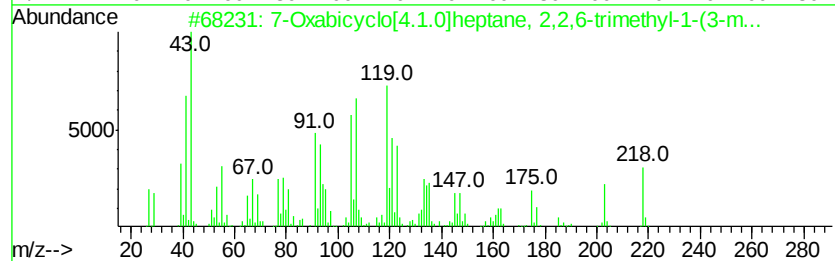
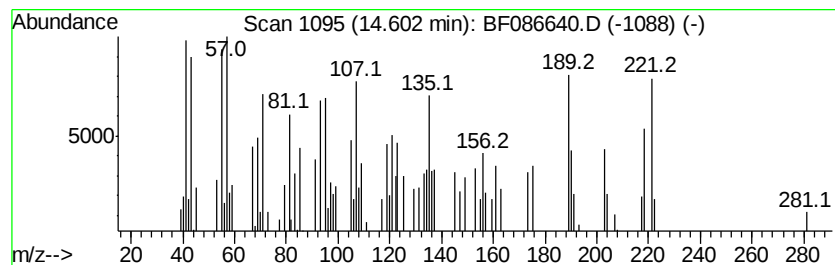
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 7-Oxabicyclo[4.1.0]heptane,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.80 ng	186266	Perylene-d12	15.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	56
2			4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	47
3			2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	35
4			Corymbolone	236	C15H24O2	097094-19-4	27
5			1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086640.D
 Acq On : 3 May 2016 12:58
 Operator : UM/SJ
 Sample : H2730-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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...	4.94	3.0	ng	196186	1	6.75	1300980	20.0
unknown6.52	6.52	88.5	ng	5754610	1	6.75	1300980	20.0
Heptadecane, 2,6-...	7.04	2.6	ng	169982	1	6.75	1300980	20.0
1-Methyldecahydro...	7.68	3.6	ng	274823	2	8.04	1544110	20.0
Undecane, 2,6-dim...	8.11	5.4	ng	420086	2	8.04	1544110	20.0
Cyclohexane, 2-bu...	8.25	2.5	ng	197065	2	8.04	1544110	20.0
Cyclopentane, 1-h...	8.33	4.1	ng	316851	2	8.04	1544110	20.0
Pentadecane, 2,6,...	8.48	8.3	ng	642454	2	8.04	1544110	20.0
Undecane, 5-ethyl-	8.74	2.8	ng	218793	2	8.04	1544110	20.0
Eicosane	9.21	3.8	ng	358336	3	9.79	1877430	20.0
unknown9.25	9.25	3.0	ng	283904	3	9.79	1877430	20.0
Z-2-Tridecen-1-ol	10.45	6.6	ng	623280	3	9.79	1877430	20.0
unknown10.91	10.91	3.0	ng	235642	4	11.26	1588820	20.0
Heptacosane	11.18	4.7	ng	372495	4	11.26	1588820	20.0
unknown12.44	12.44	3.6	ng	284331	4	11.26	1588820	20.0
Tritetracontane	13.77	7.3	ng	486127	5	13.90	1341570	20.0
7-Oxabicyclo[4.1....	14.60	3.8	ng	186266	6	15.29	980942	20.0