

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093247.D
 Acq On : 28 Feb 2017 14:36
 Operator : SJ/MA
 Sample : I2000-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-NORTH(0-2)

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-BF013017.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	4.887	241	245	248	rVB2	89327	180623	5.05%	0.291%
2	4.967	248	252	259	rBV	1043203	1583334	44.29%	2.548%
3	5.161	267	269	271	rBV	146295	161083	4.51%	0.259%
4	5.356	282	286	289	rBV3	52113	125438	3.51%	0.202%
5	5.413	289	291	293	rBV	2862399	3383818	94.65%	5.444%
6	5.630	308	310	314	rVB3	75687	120510	3.37%	0.194%
7	5.801	321	325	327	rBV2	101015	168541	4.71%	0.271%
8	5.939	334	337	339	rVB	169625	172047	4.81%	0.277%
9	6.041	344	346	349	rVB3	173030	277173	7.75%	0.446%
10	6.224	359	362	364	rBV	103924	158064	4.42%	0.254%
11	6.316	369	370	375	rVB3	110049	201081	5.62%	0.324%
12	6.464	380	383	385	rBV	2440368	3575140	100.00%	5.752%
13	6.579	391	393	395	rVB	3594774	3352233	93.77%	5.394%
14	6.624	395	397	401	rVB4	58830	134342	3.76%	0.216%
15	6.807	410	413	416	rVB2	809536	1067286	29.85%	1.717%
16	6.956	424	426	429	rBV	2312309	2640203	73.85%	4.248%
17	7.070	430	436	438	rBV4	94127	224129	6.27%	0.361%
18	7.196	445	447	448	rBV2	147432	146586	4.10%	0.236%
19	7.344	456	460	461	rBV2	209169	353185	9.88%	0.568%
20	7.379	461	463	465	rVB	1592466	2106382	58.92%	3.389%
21	7.447	467	469	471	rVB2	139701	208334	5.83%	0.335%
22	7.516	471	475	477	rBV3	99343	255762	7.15%	0.412%
23	7.584	477	481	482	rBV4	168706	273415	7.65%	0.440%
24	7.607	482	483	485	rVB	204185	162755	4.55%	0.262%
25	7.722	487	493	496	rBV6	204688	500387	14.00%	0.805%
26	7.767	496	497	501	rVB3	89591	118826	3.32%	0.191%
27	7.824	501	502	508	rBV5	196008	322153	9.01%	0.518%
28	7.962	512	514	516	rBV2	125678	223636	6.26%	0.360%
29	8.042	518	521	522	rBV2	110878	248054	6.94%	0.399%
30	8.087	522	525	528	rVV	1243569	1550997	43.38%	2.495%
31	8.156	528	531	532	rVB2	370037	542934	15.19%	0.874%
32	8.247	537	539	541	rBV3	94873	181813	5.09%	0.293%
33	8.293	541	543	544	rVB	163820	136180	3.81%	0.219%
34	8.384	546	551	552	rBV4	276799	563641	15.77%	0.907%

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093247.D
 Acq On : 28 Feb 2017 14:36
 Operator : SJ/MA
 Sample : I2000-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-NORTH(0-2)

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.476	557	559	560	rVB	274488	279201	7.81%	0.449%
36	8.510	560	562	563	rBV	670474	661965	18.52%	1.065%
37	8.590	567	569	571	rBV2	143180	229306	6.41%	0.369%
38	8.625	571	572	575	rVB3	94160	158856	4.44%	0.256%
39	8.682	575	577	578	rBV2	148963	208938	5.84%	0.336%
40	8.773	583	585	587	rVB3	208238	281611	7.88%	0.453%
41	8.899	592	596	598	rBV5	228695	392190	10.97%	0.631%
42	8.990	601	604	607	rBV4	153080	306581	8.58%	0.493%
43	9.082	610	612	613	rVB	126021	170617	4.77%	0.275%
44	9.116	613	615	616	rBV	428463	558177	15.61%	0.898%
45	9.162	617	619	622	rVB	2580730	3330634	93.16%	5.359%
46	9.242	624	626	629	rBV3	355684	596451	16.68%	0.960%
47	9.310	629	632	633	rBV3	172082	266659	7.46%	0.429%
48	9.425	640	642	644	rBV	526553	750114	20.98%	1.207%
49	9.505	647	649	650	rVV	833475	914831	25.59%	1.472%
50	9.562	650	654	656	rVV3	865754	2064890	57.76%	3.322%
51	9.619	657	659	661	rVV2	346040	472139	13.21%	0.760%
52	9.699	664	666	668	rBV2	450956	614606	17.19%	0.989%
53	9.745	668	670	672	rVB	697834	719107	20.11%	1.157%
54	9.779	672	673	675	rBV2	144173	171893	4.81%	0.277%
55	9.848	675	679	680	rBV	859175	1546491	43.26%	2.488%
56	9.882	680	682	683	rVV	271865	362819	10.15%	0.584%
57	9.950	686	688	690	rVB	394629	490661	13.72%	0.789%
58	9.996	690	692	694	rBV3	132796	209939	5.87%	0.338%
59	10.042	694	696	698	rVV3	484376	618851	17.31%	0.996%
60	10.088	698	700	705	rVB2	574034	732163	20.48%	1.178%
61	10.156	705	706	708	rBV	451440	637095	17.82%	1.025%
62	10.190	708	709	712	rVB2	371975	424520	11.87%	0.683%
63	10.248	712	714	717	rBV3	487866	906468	25.35%	1.458%
64	10.339	720	722	724	rVB3	149720	194230	5.43%	0.313%
65	10.385	724	726	730	rBV4	302398	541257	15.14%	0.871%
66	10.499	733	736	738	rVV2	395989	649964	18.18%	1.046%
67	10.545	738	740	742	rVB2	159167	274759	7.69%	0.442%
68	10.636	745	748	750	rVV	1555458	1693825	47.38%	2.725%
69	10.762	756	759	761	rVB	830443	1274878	35.66%	2.051%
70	10.830	763	765	766	rBV	188195	159345	4.46%	0.256%
71	10.933	772	774	775	rBV2	162891	188028	5.26%	0.303%

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093247.D
 Acq On : 28 Feb 2017 14:36
 Operator : SJ/MA
 Sample : I2000-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-NORTH(0-2)

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.968	775	777	778	rVB2	187325	177468	4.96%	0.286%
73	11.070	785	786	790	rVB4	136610	264837	7.41%	0.426%
74	11.219	798	799	802	rVB	437781	480754	13.45%	0.774%
75	11.322	806	808	812	rBV	715538	1489061	41.65%	2.396%
76	11.436	816	818	820	rBV2	106463	190833	5.34%	0.307%
77	11.573	827	830	832	rBV3	109600	215410	6.03%	0.347%
78	11.653	835	837	843	rVB6	127218	303294	8.48%	0.488%
79	11.825	850	852	854	rBV	182582	247419	6.92%	0.398%
80	11.859	854	855	857	rVB	275624	208594	5.83%	0.336%
81	11.905	857	859	860	rBV	84192	124705	3.49%	0.201%
82	11.939	860	862	866	rVB2	322942	510478	14.28%	0.821%
83	12.305	892	894	898	rVB	167819	242380	6.78%	0.390%
84	12.373	898	900	902	rBV	184829	251820	7.04%	0.405%
85	12.408	902	903	907	rVV2	129988	158820	4.44%	0.256%
86	12.533	912	914	916	rBV	307538	406696	11.38%	0.654%
87	12.762	932	934	936	rBV	368082	625776	17.50%	1.007%
88	12.796	936	937	941	rVB	344175	449197	12.56%	0.723%
89	12.911	944	947	949	rVV	2453940	2218513	62.05%	3.570%
90	13.094	960	963	965	rBV	87791	129557	3.62%	0.208%
91	13.482	994	997	998	rBV	124281	143818	4.02%	0.231%
92	13.814	1023	1026	1031	rVB3	211542	361383	10.11%	0.581%
93	13.962	1036	1039	1045	rBV2	874527	1276342	35.70%	2.054%
94	14.122	1051	1053	1057	rVB2	193771	265824	7.44%	0.428%
95	14.431	1078	1080	1083	rBV2	130518	211447	5.91%	0.340%
96	14.991	1126	1129	1132	rBV	143408	281190	7.87%	0.452%
97	15.265	1151	1153	1156	rBV	94389	124082	3.47%	0.200%
98	15.334	1156	1159	1161	rVB	136083	204348	5.72%	0.329%
99	15.391	1161	1164	1167	rBV	738315	933173	26.10%	1.501%
100	15.802	1197	1200	1202	rBV	96629	180457	5.05%	0.290%

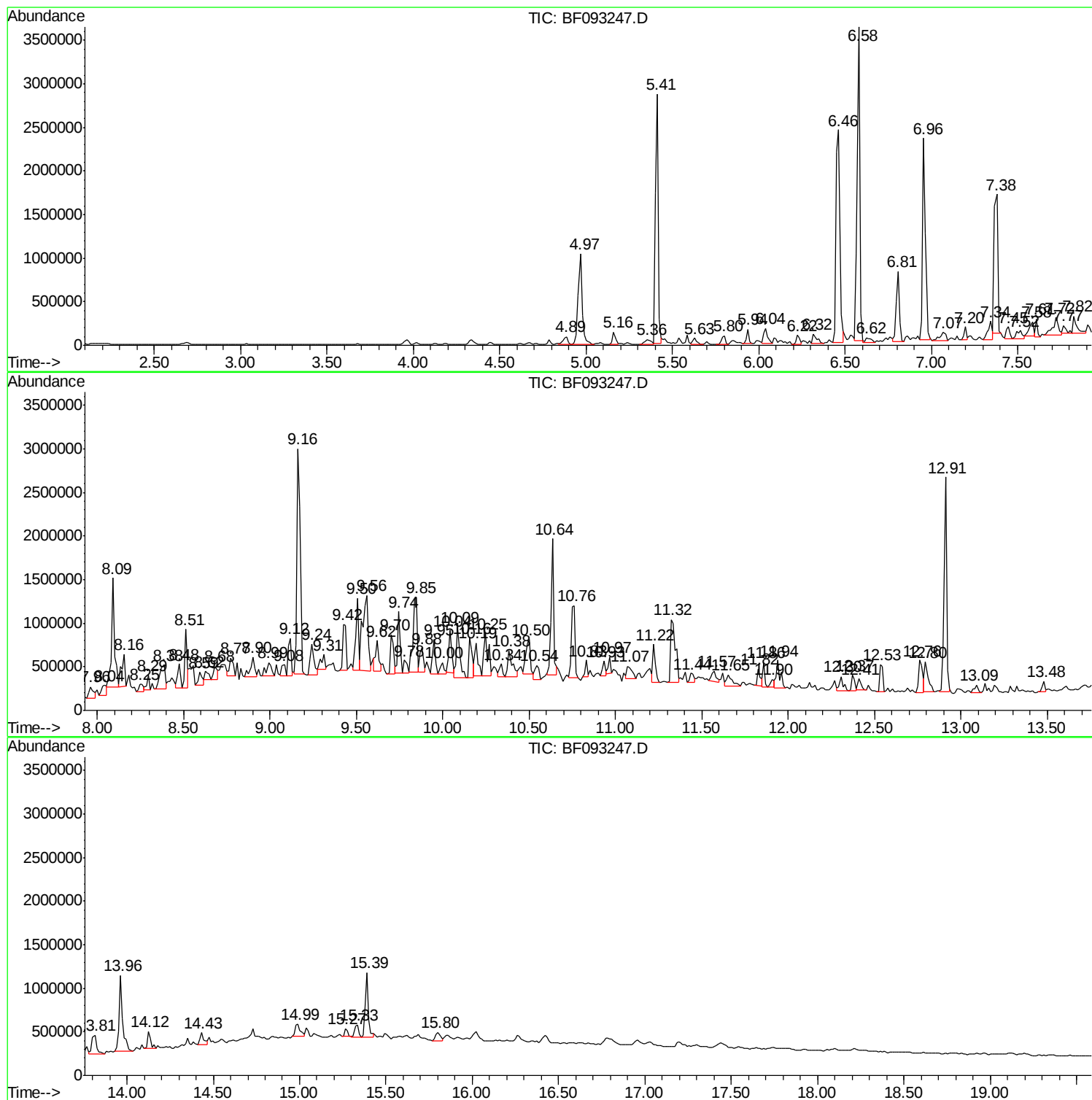
Sum of corrected areas: 62151820

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-NORTH(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

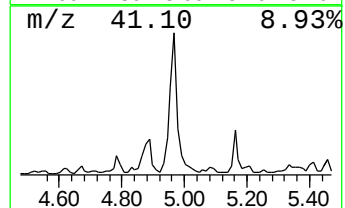
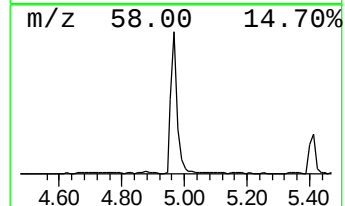
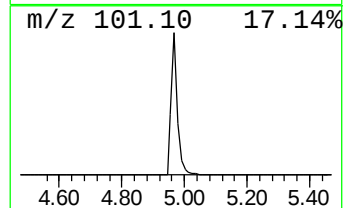
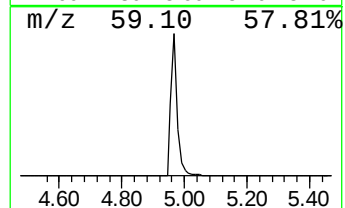
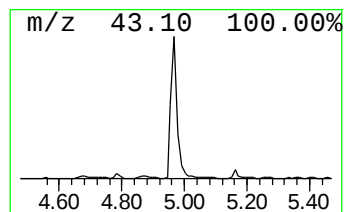
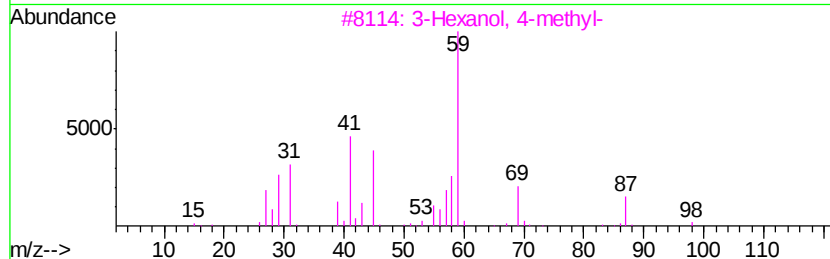
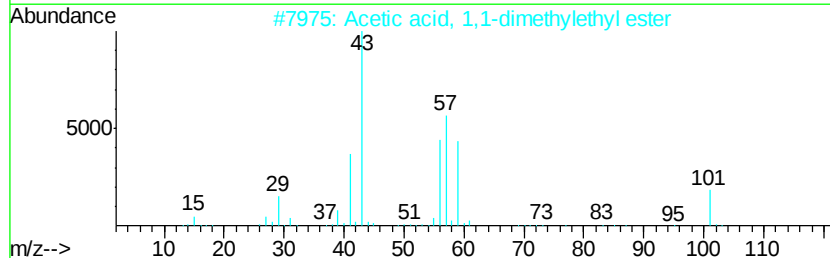
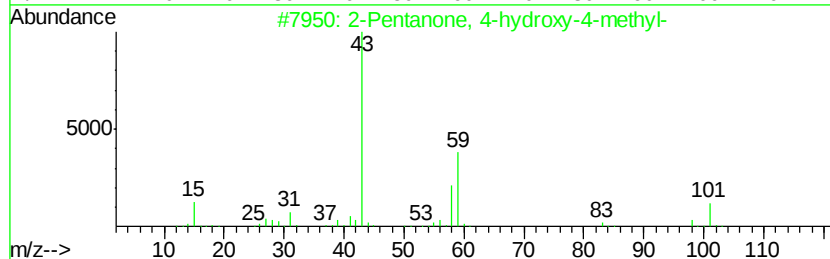
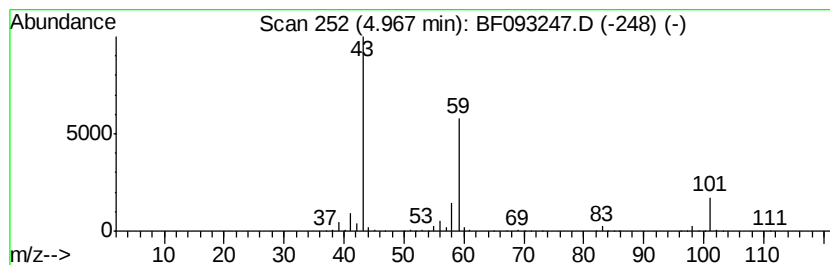
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	29.67 ng	1583330	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

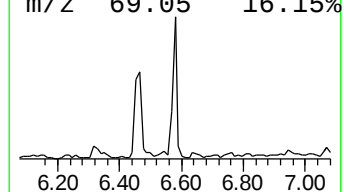
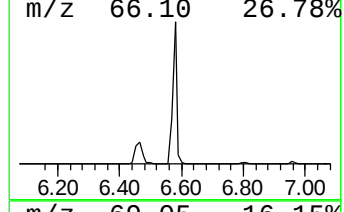
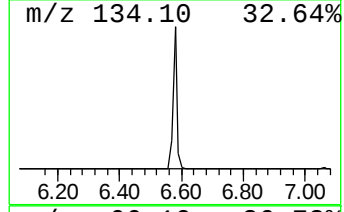
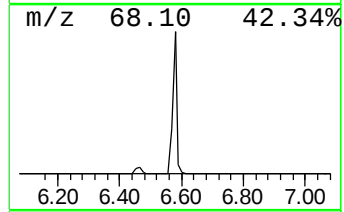
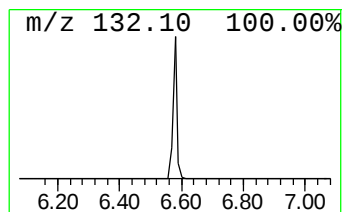
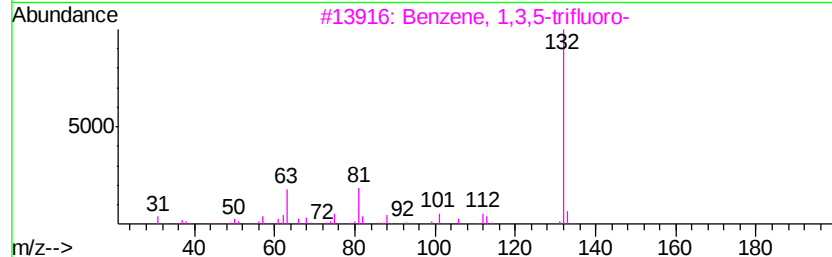
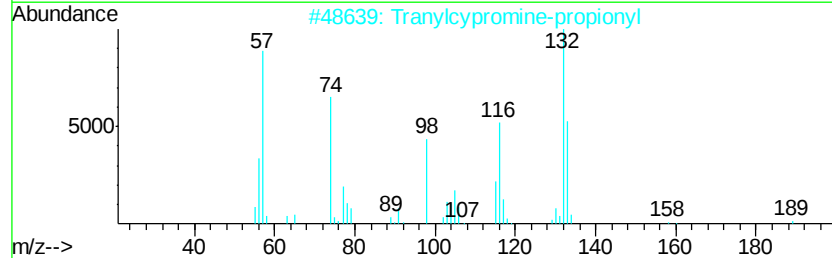
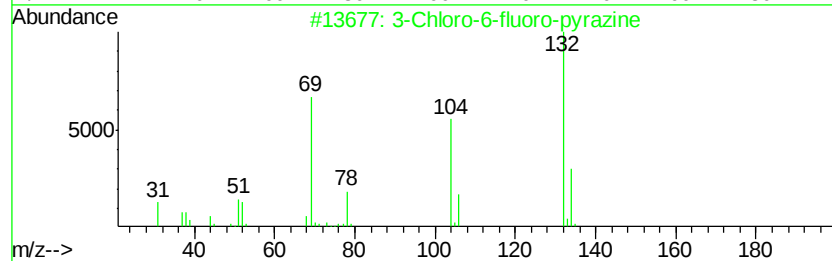
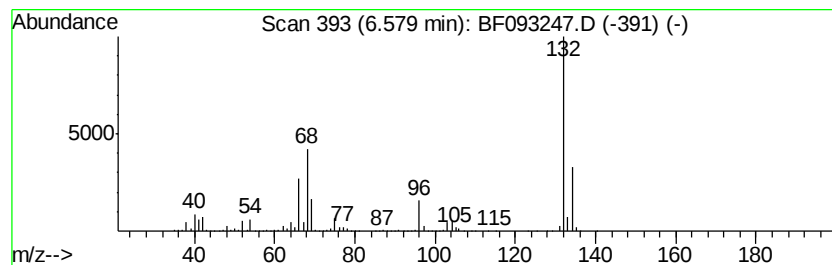
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	62.82 ng	3352230	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

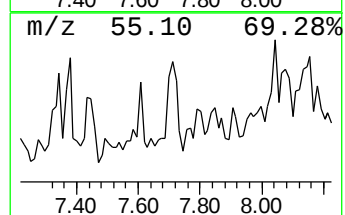
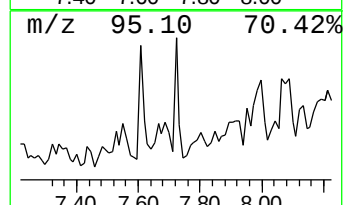
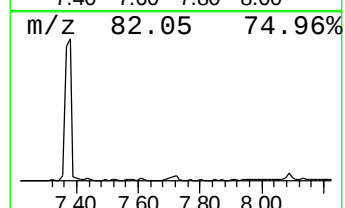
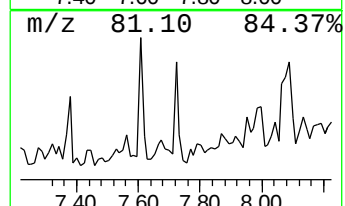
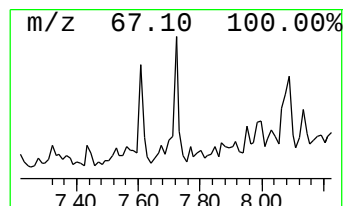
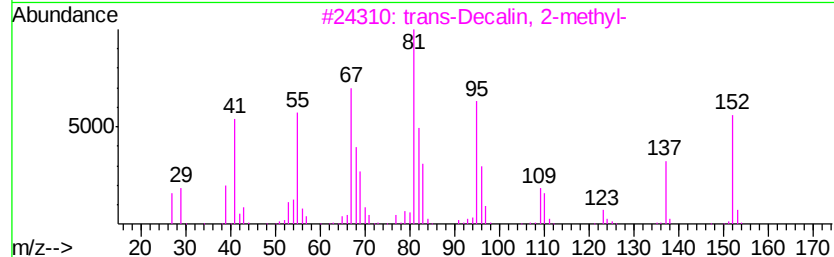
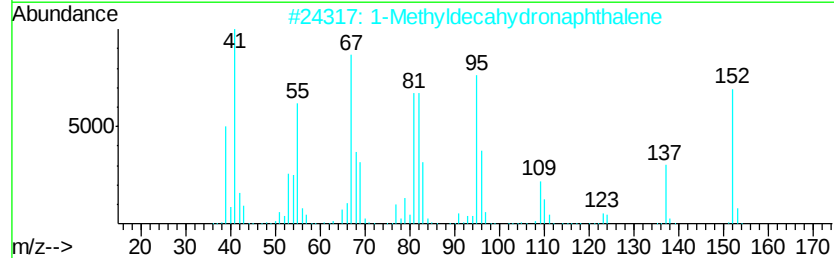
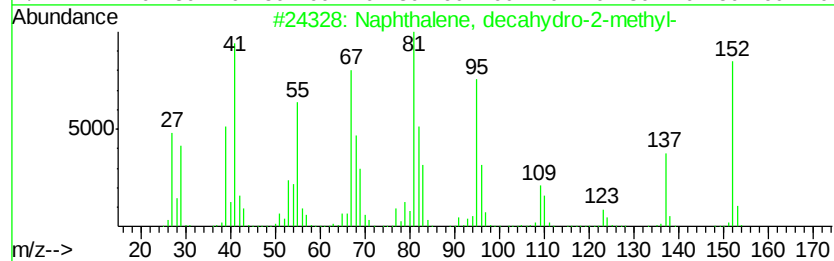
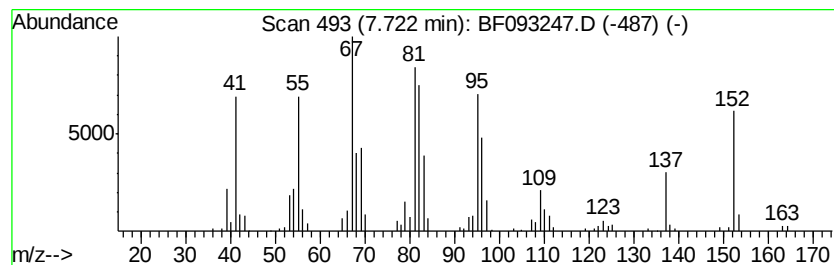
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	6.45 ng	500387	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
4		Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	60
5		1-Heptadecyne	236	C17H32	026186-00-5	58



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

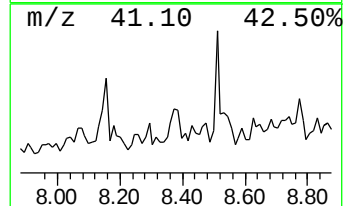
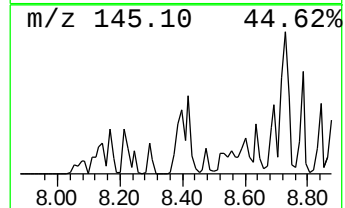
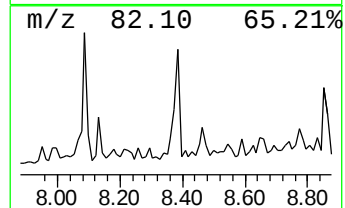
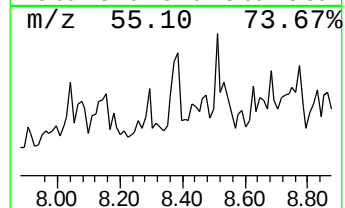
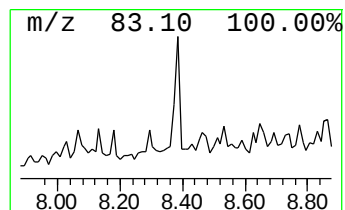
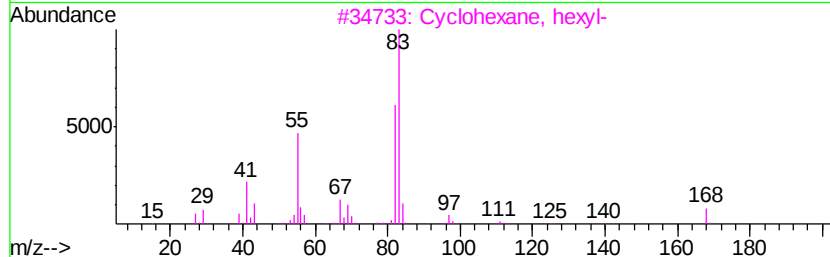
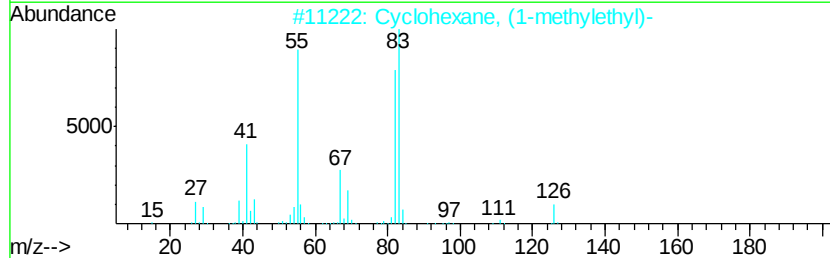
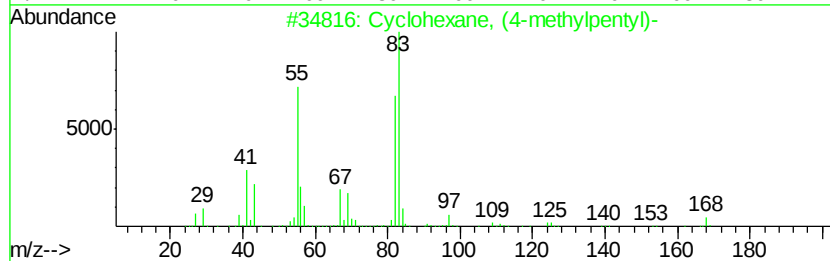
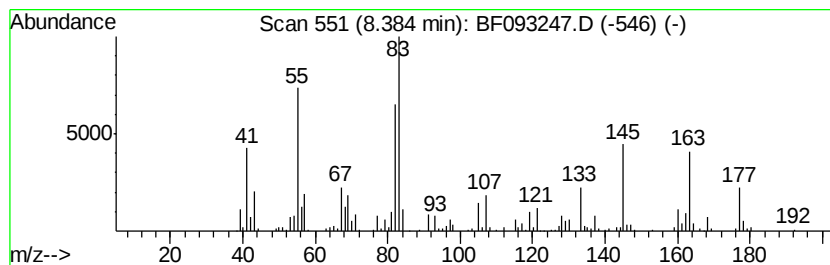
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.38 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	7.27 ng	563641	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	30
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
4		Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	30
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	27



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

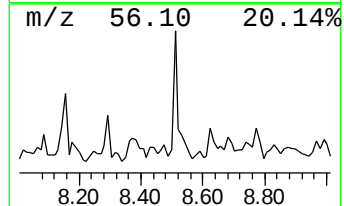
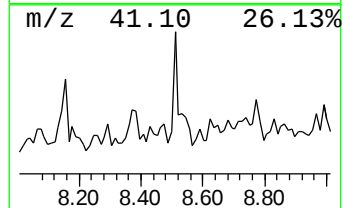
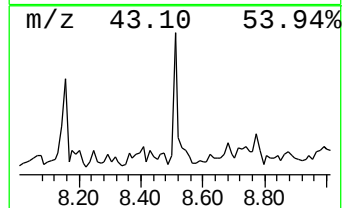
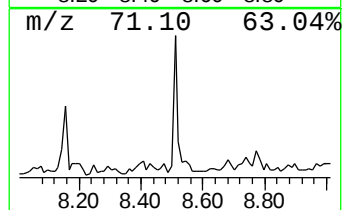
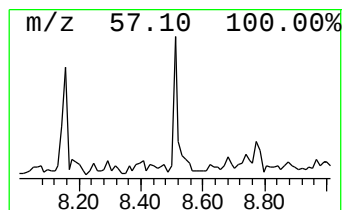
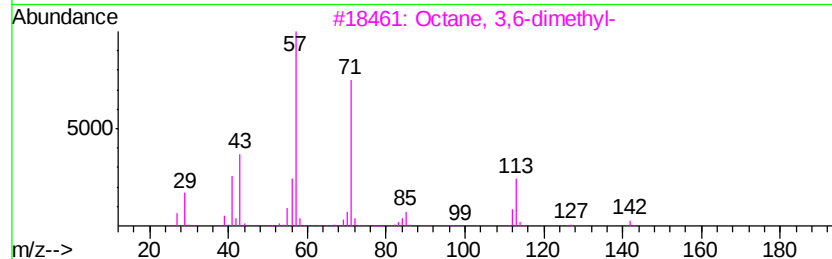
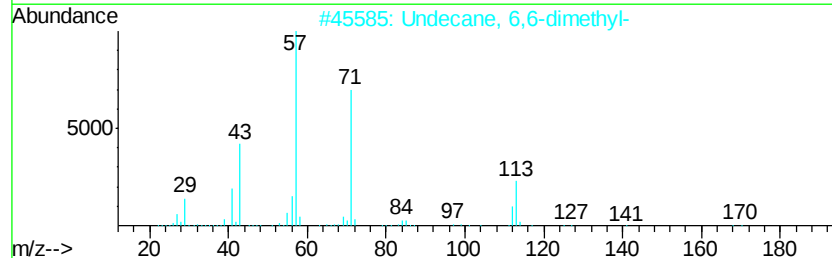
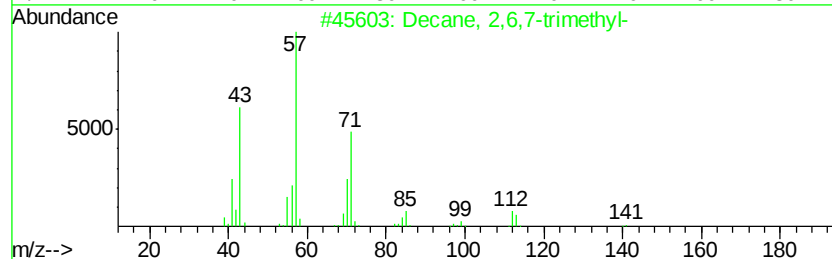
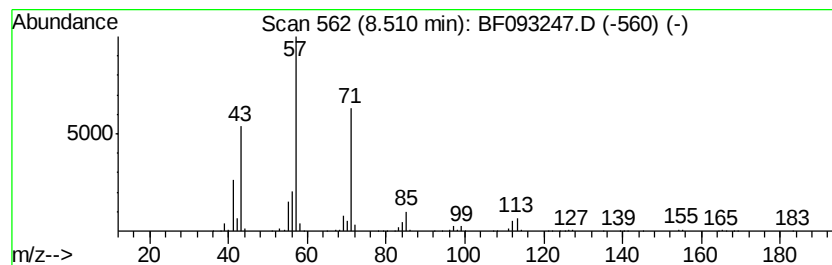
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	8.54 ng	661965	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

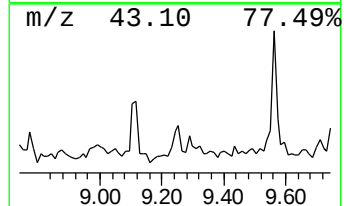
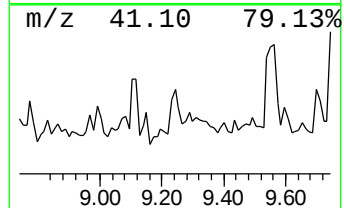
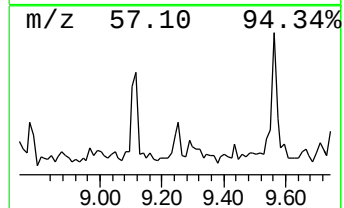
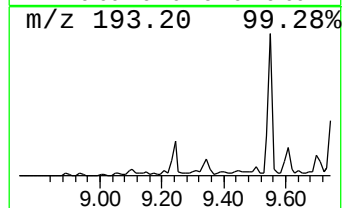
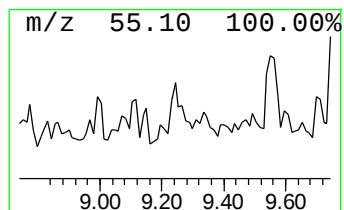
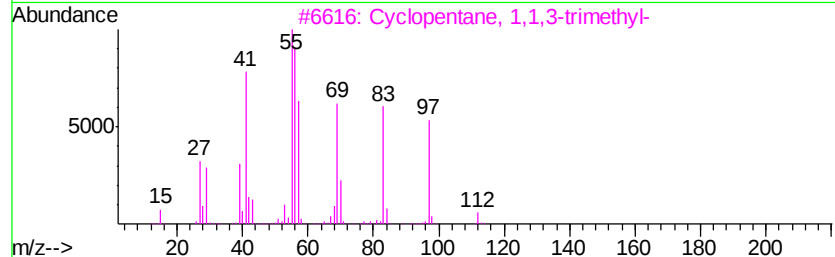
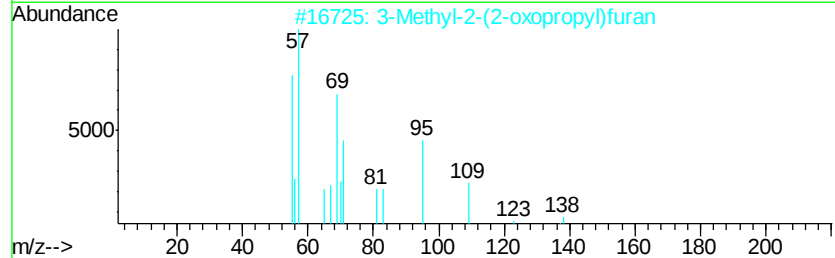
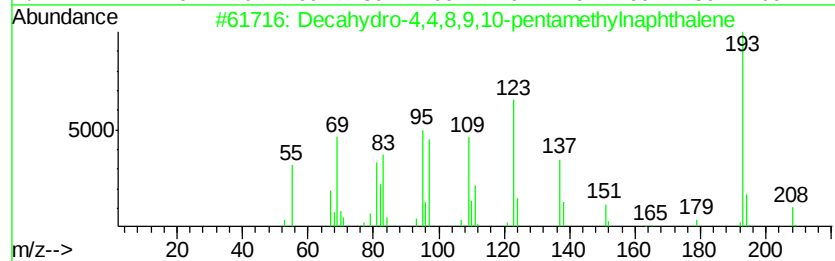
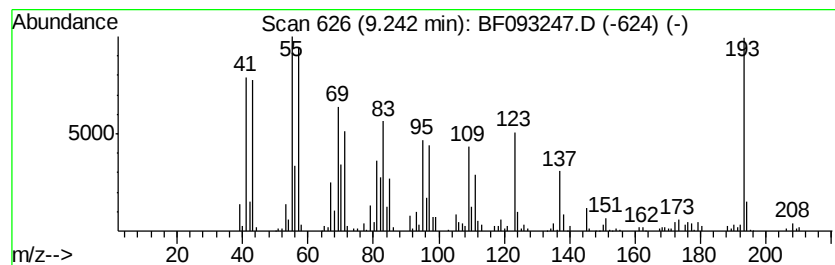
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.24 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	7.71 ng	596451	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	27
2		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	25
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	25
4		1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	22
5		2-Anthracenamine	193	C14H11N	000613-13-8	22



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

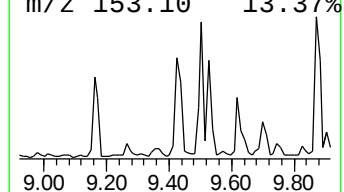
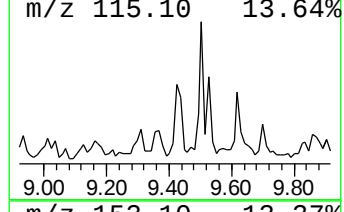
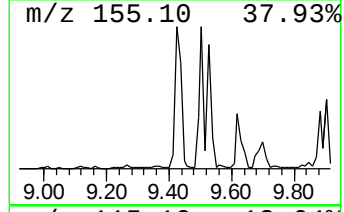
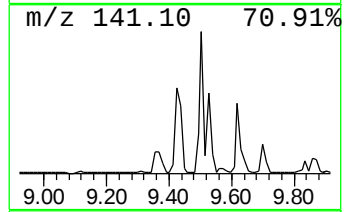
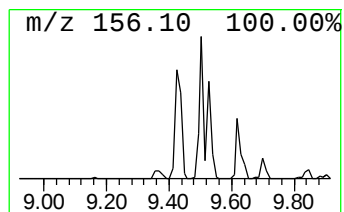
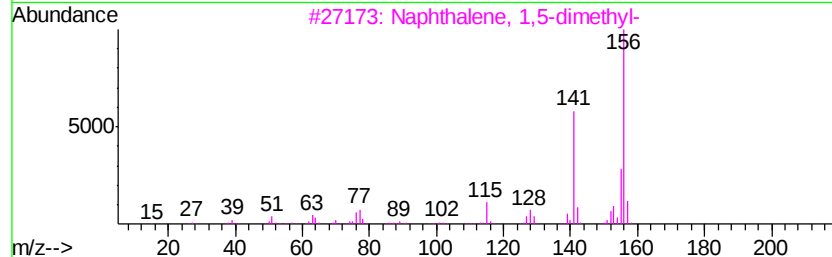
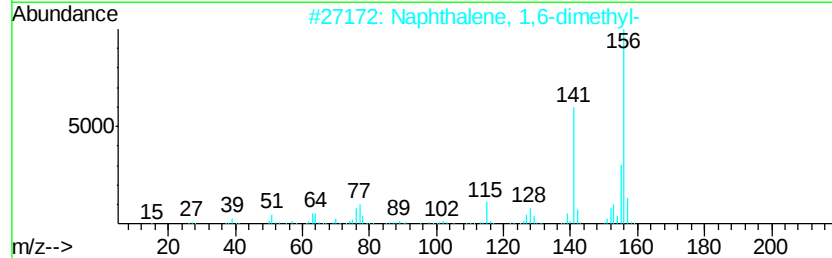
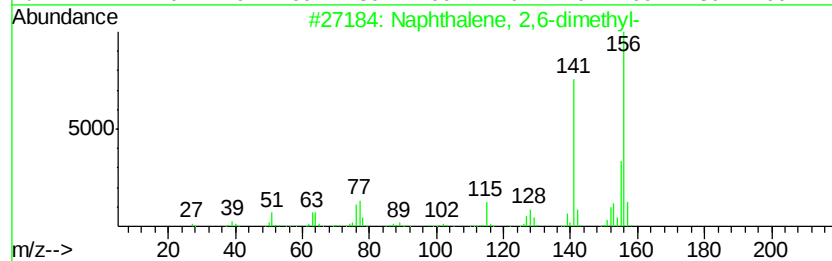
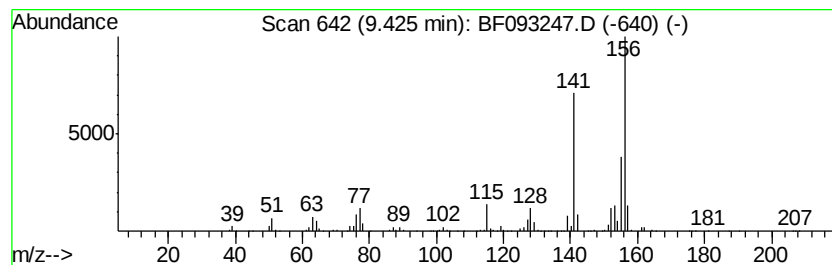
Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	9.70 ng	750114	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

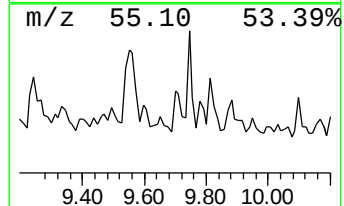
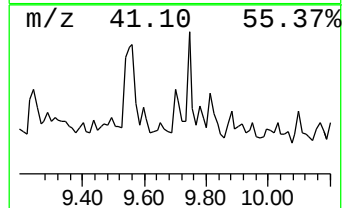
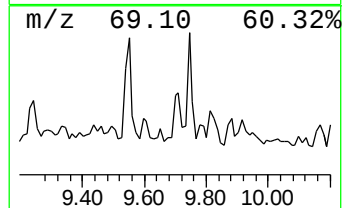
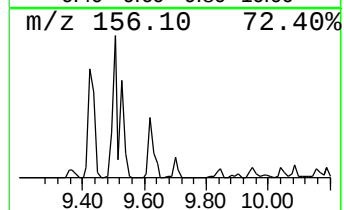
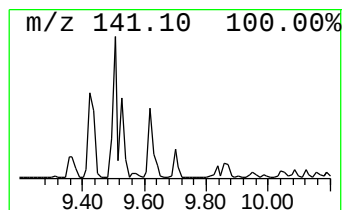
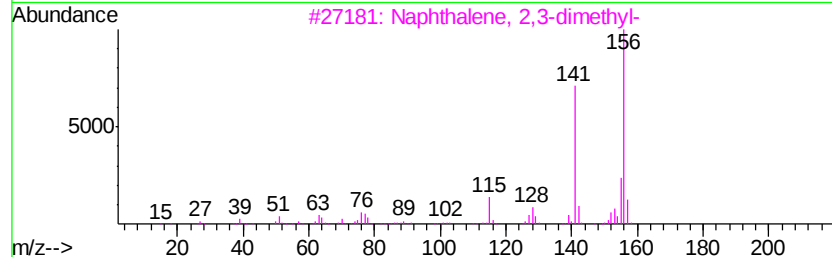
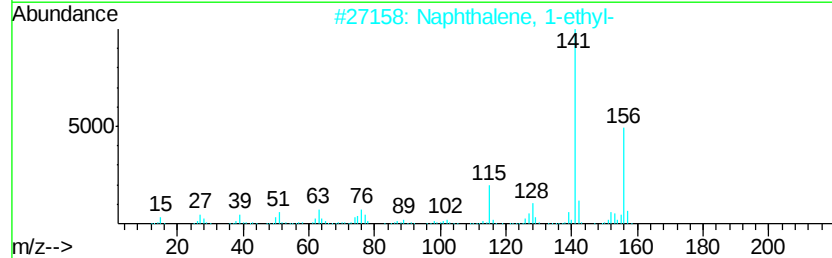
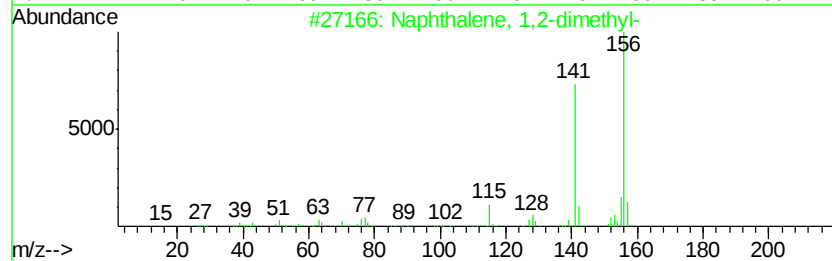
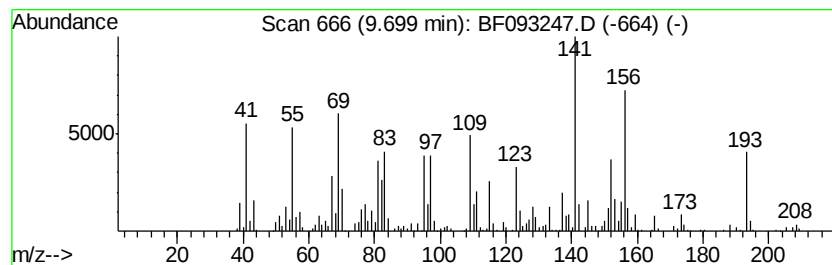
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	7.95 ng	614606	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	70
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	60
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	47
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	44
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

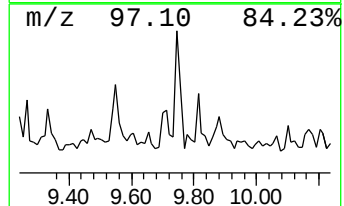
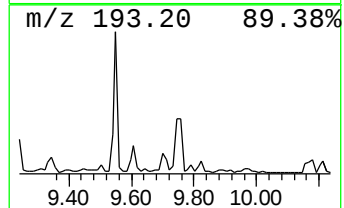
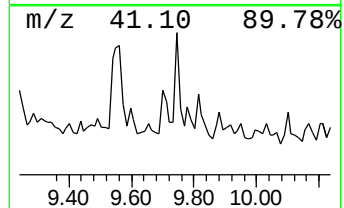
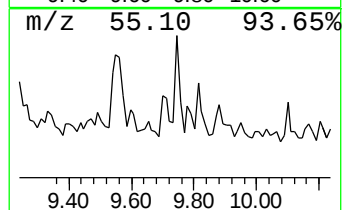
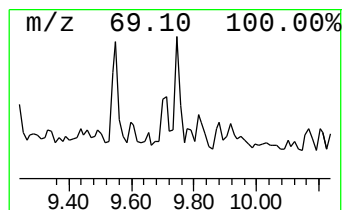
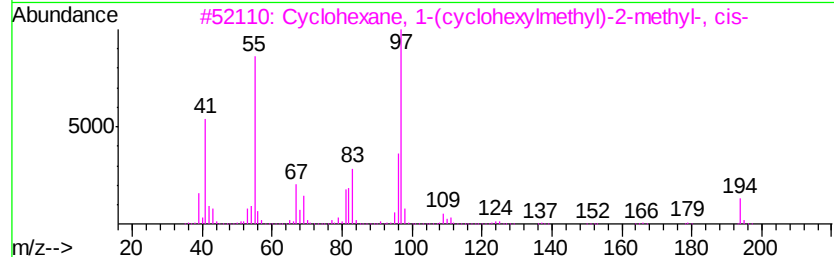
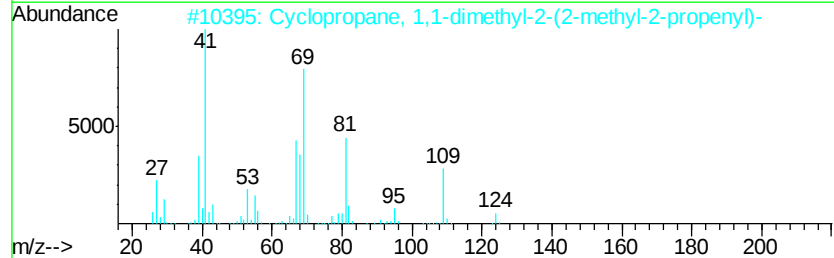
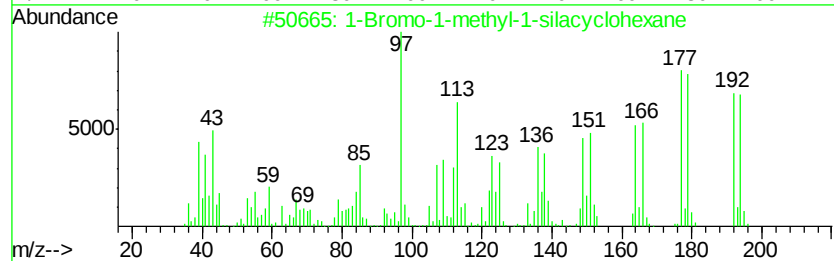
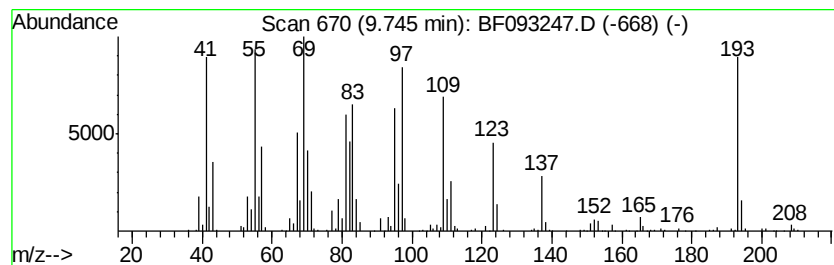
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Bromo-1-methyl-1-silacycl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	9.30 ng	719107	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Bromo-1-methyl-1-silacyclohexane	192	C6H13BrSi	085125-32-2	78
2			Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	069147-03-1	20
3			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054824-04-3	18
4			Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	18
5			(5-Ethylcyclopent-1-enyl)methanol	126	C8H14O	036431-59-1	14



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

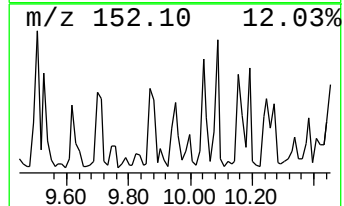
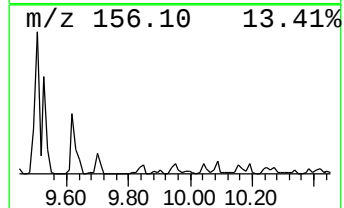
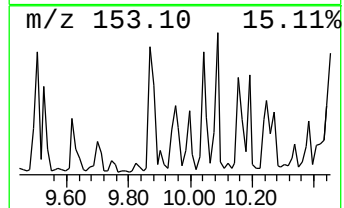
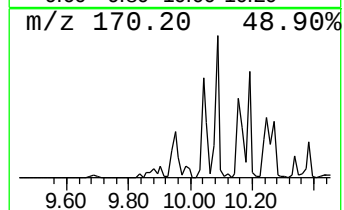
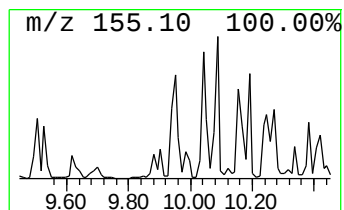
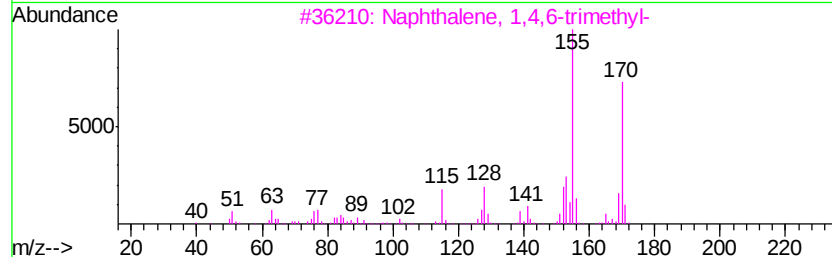
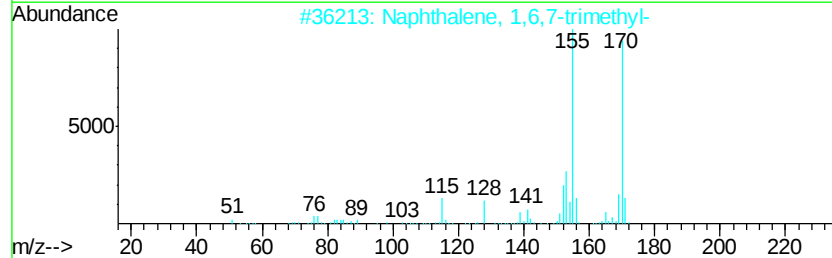
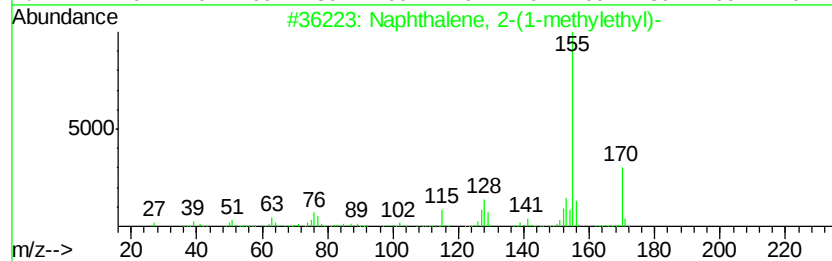
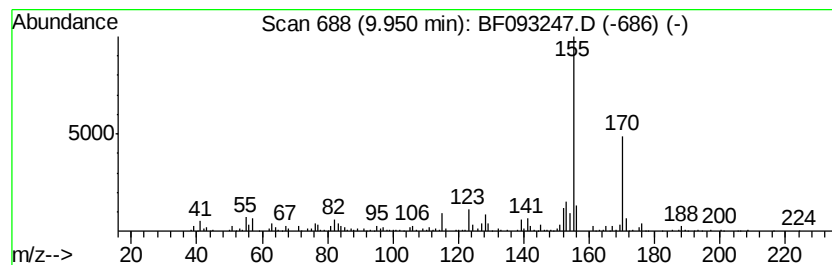
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.35 ng	490661	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	62



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

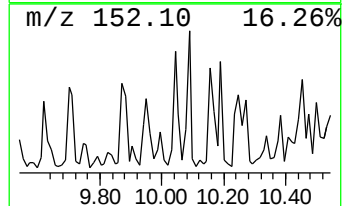
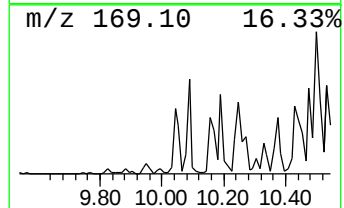
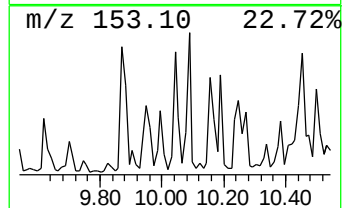
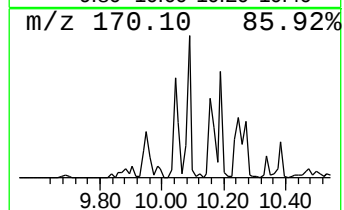
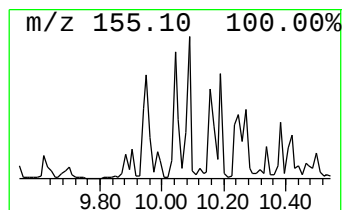
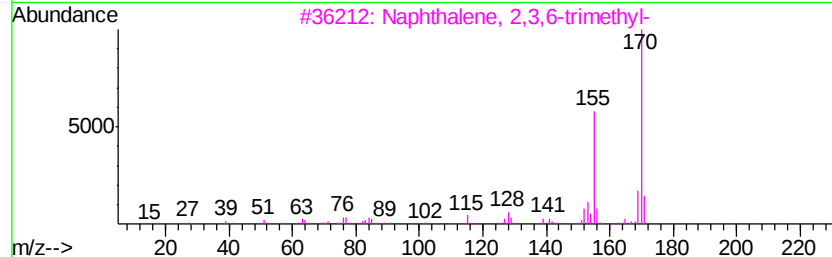
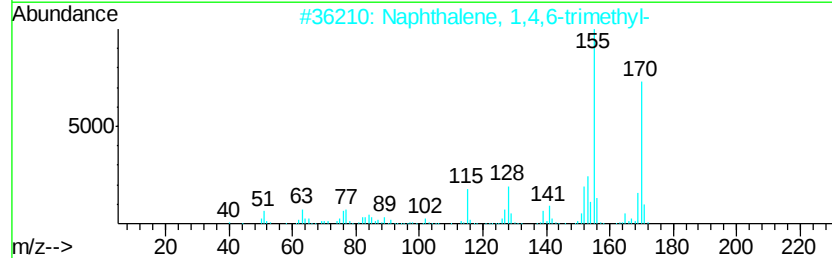
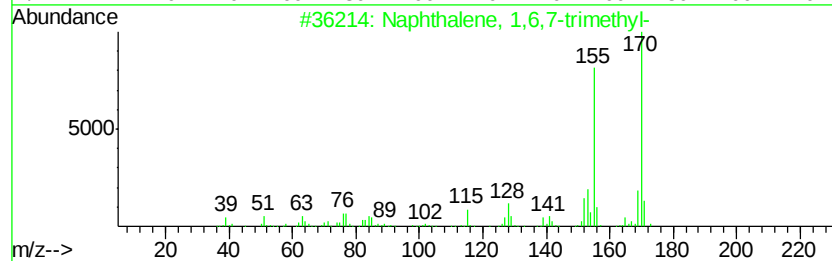
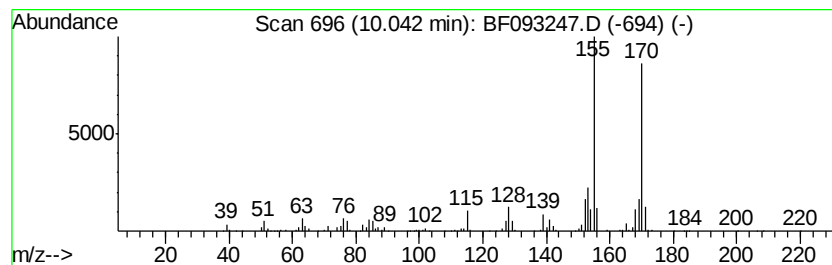
Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.04	8.00 ng	618851	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene,	1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene,	2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Azulene,	4,6,8-trimethyl-	170	C13H14	000941-81-1	90
5	Naphthalene,	1,4,5-trimethyl-	170	C13H14	002131-41-1	89



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

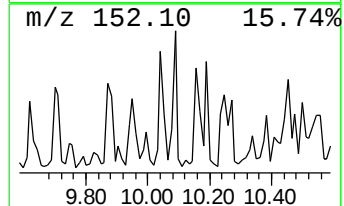
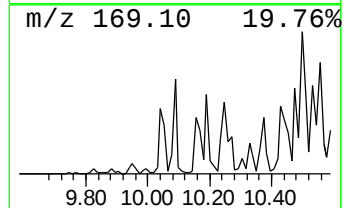
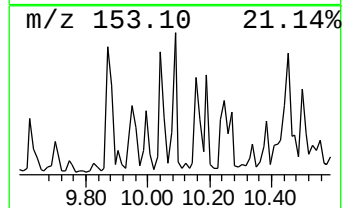
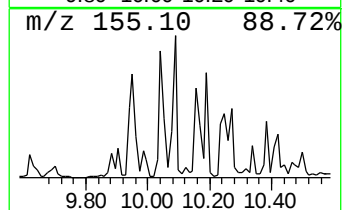
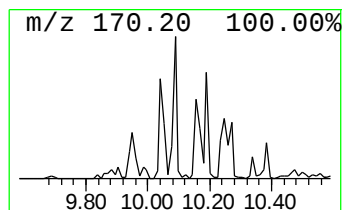
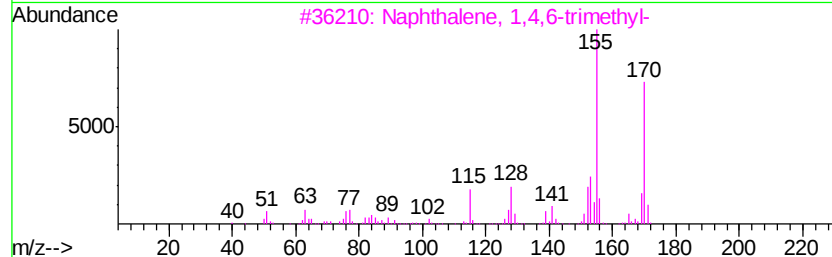
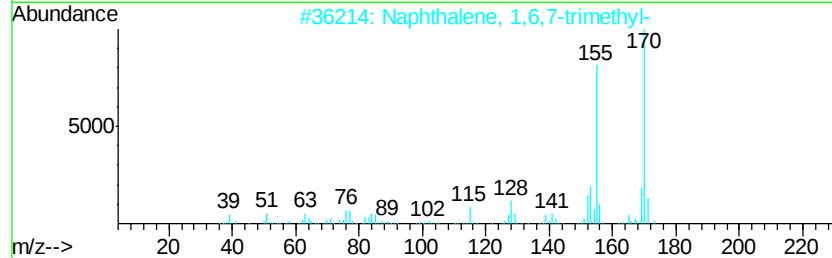
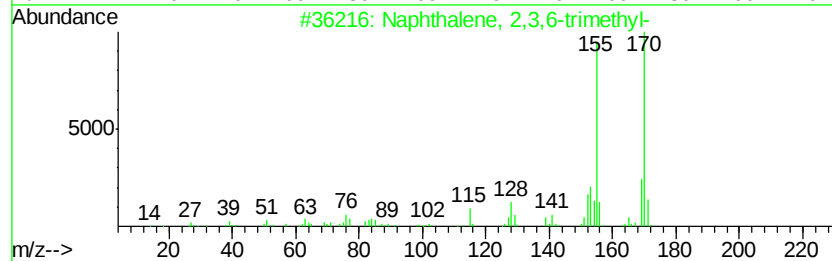
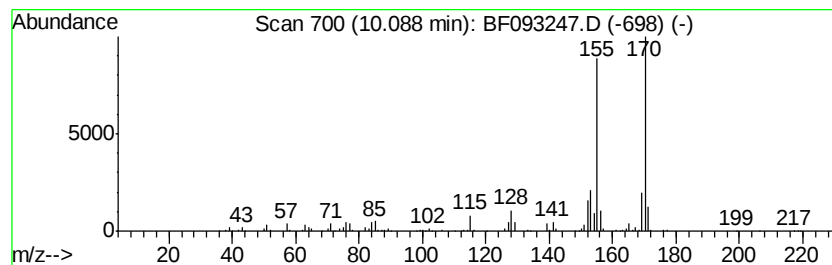
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	9.47 ng	732163	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

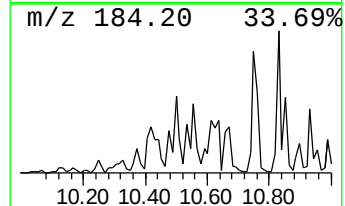
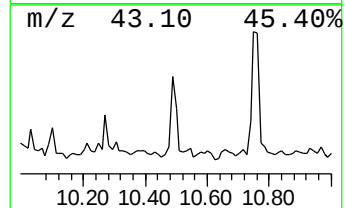
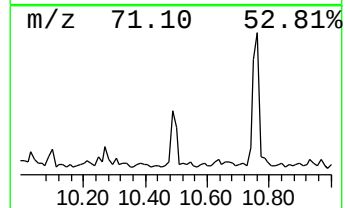
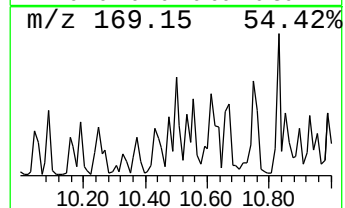
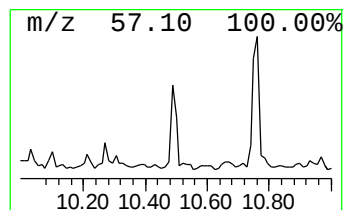
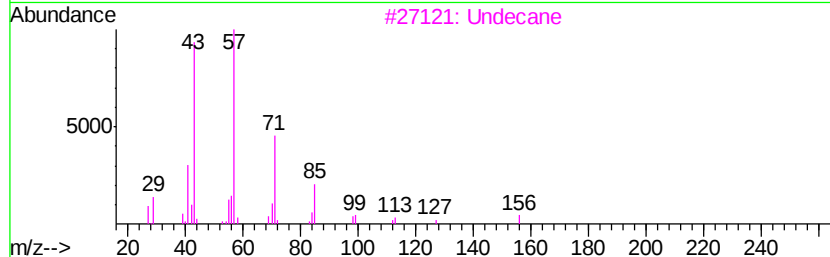
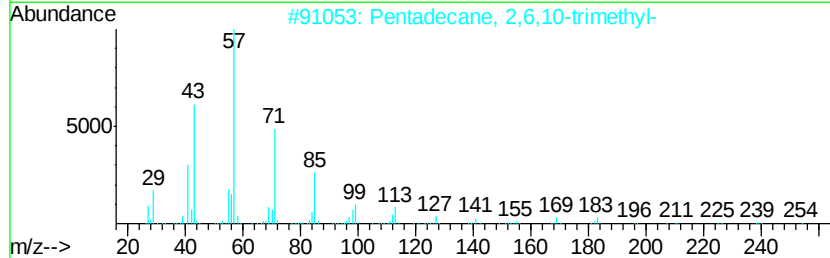
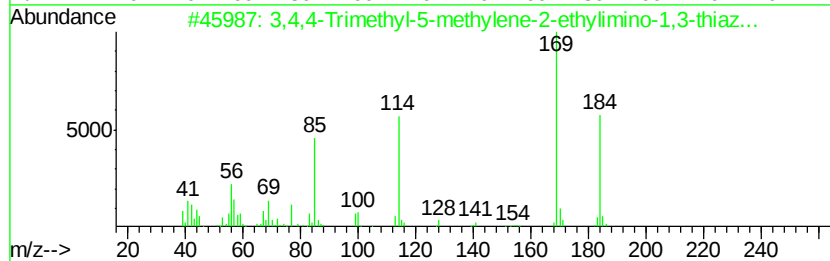
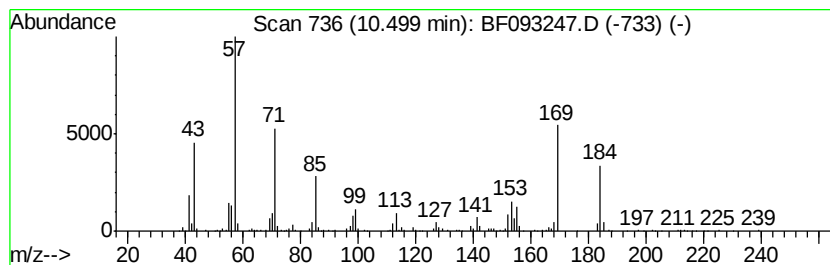
Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4,4-Trimethyl-5-methylene... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.50	8.41 ng	649964	Acenaphthene-d10		9.85		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4,4-Trimethyl-5-methylene-2-et...	184	C9H16N2S	037120-36-8	50		
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	46		
3	Undecane	156	C11H24	001120-21-4	45		
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	43		
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	43		



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

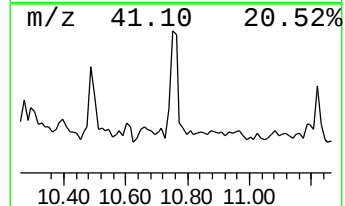
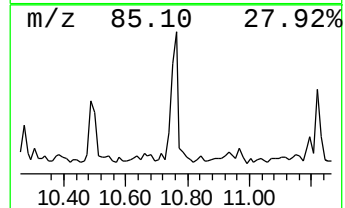
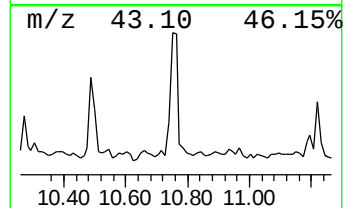
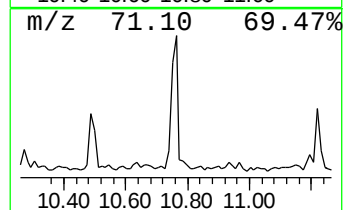
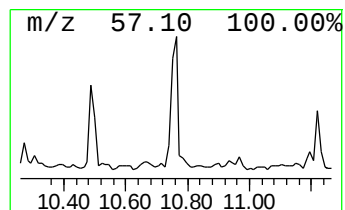
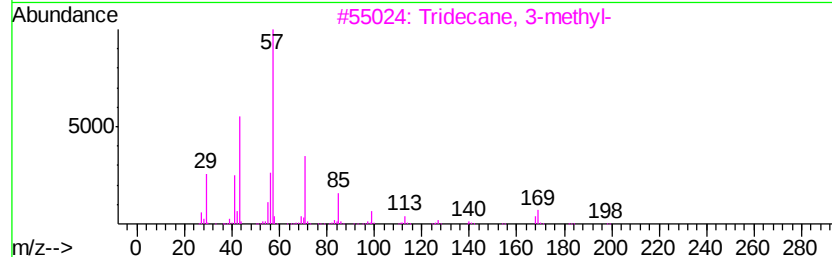
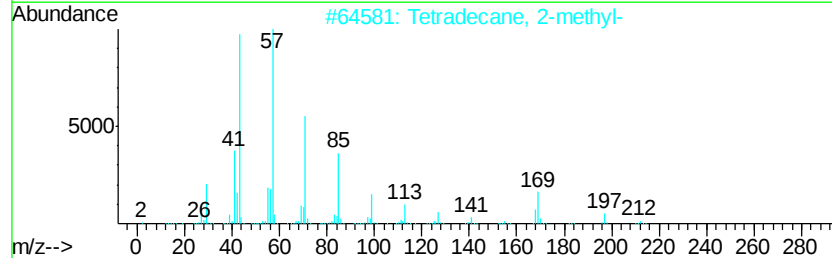
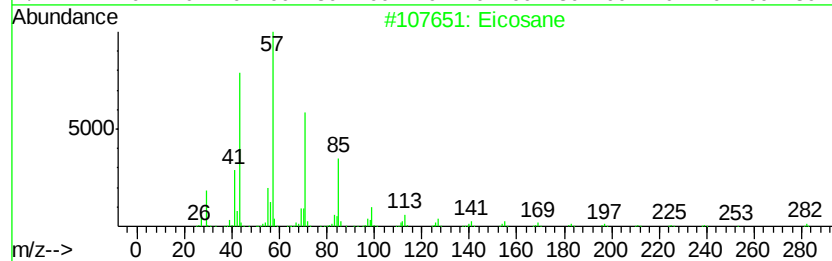
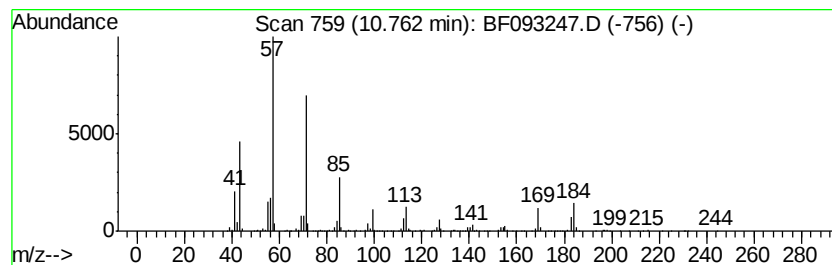
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	17.12 ng	1274880	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	72
2			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

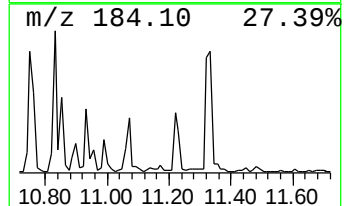
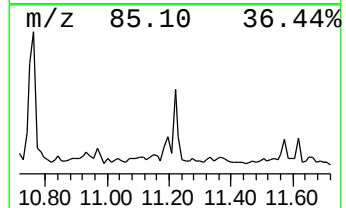
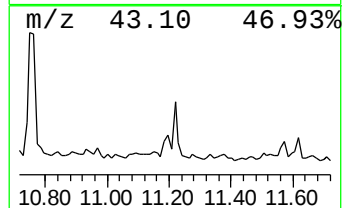
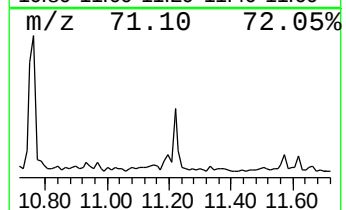
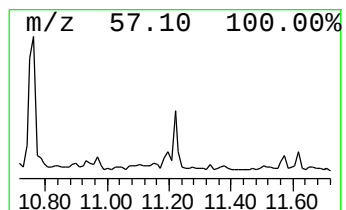
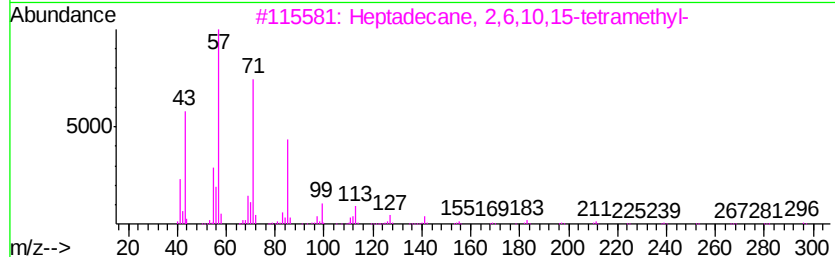
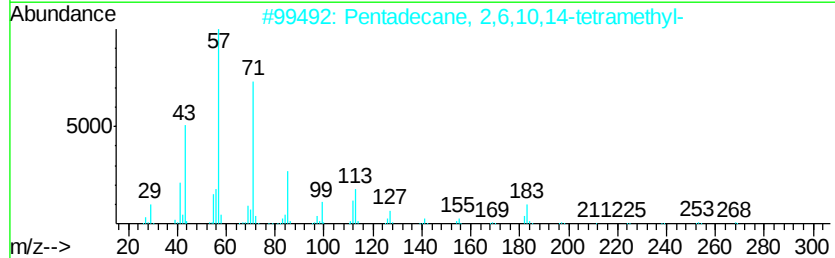
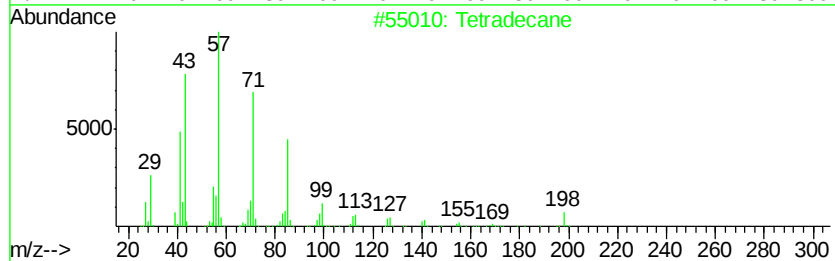
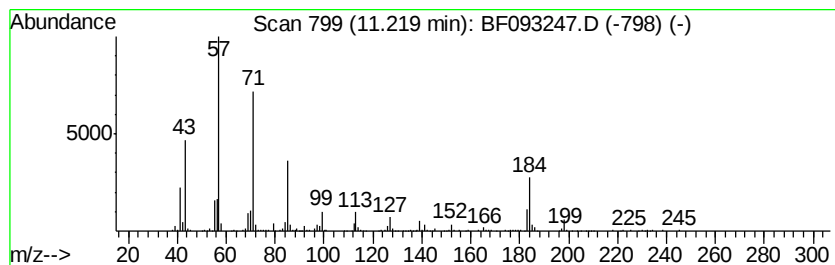
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradeceane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	6.46 ng	480754	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradeceane	198	C14H30	000629-59-4	86
2			Pentadeceane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
3			Heptadeceane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4			Eicosane	282	C20H42	000112-95-8	58
5			Dodeceane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093247.D
Acq On : 28 Feb 2017 14:36
Operator : SJ/MA
Sample : I2000-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-NORTH(0-2)

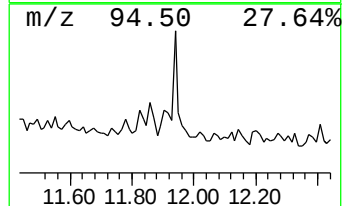
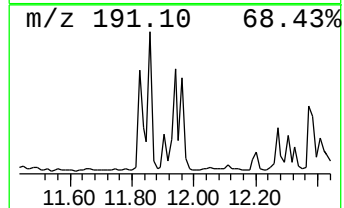
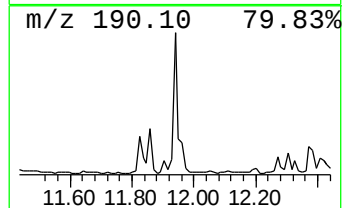
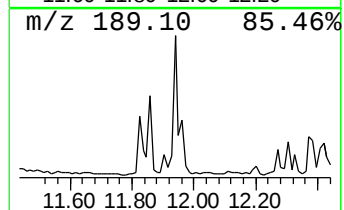
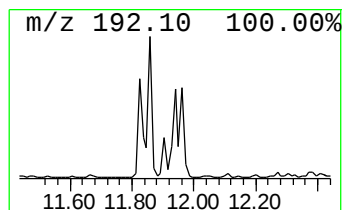
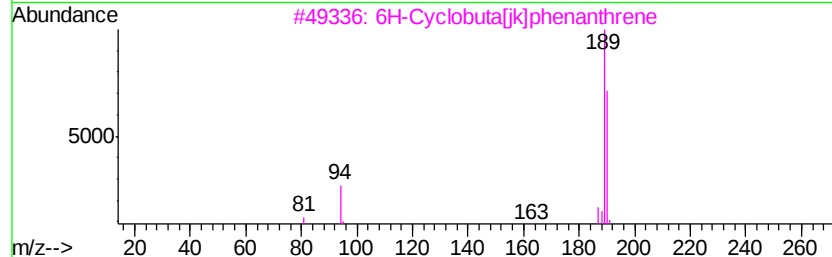
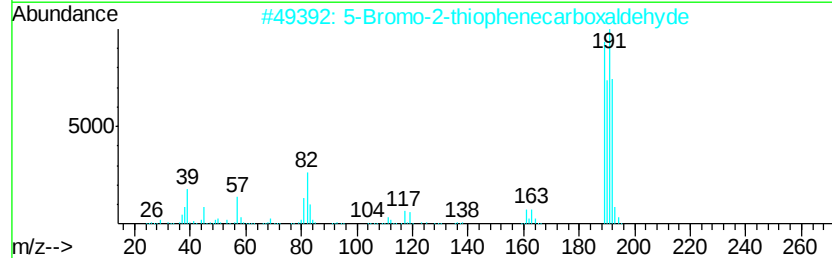
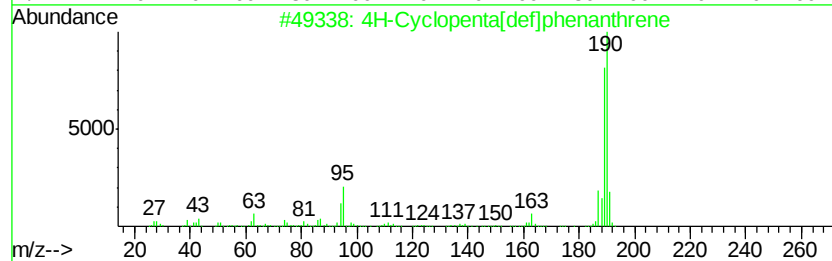
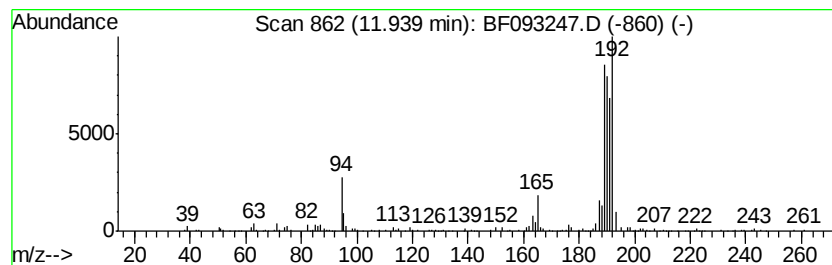
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.86 ng	510478	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2			5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	43
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093247.D
 Acq On : 28 Feb 2017 14:36
 Operator : SJ/MA
 Sample : I2000-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-NORTH(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	4.97	29.7	ng	1583330	1	6.81	1067290	20.0
unknown6.58	6.58	62.8	ng	3352230	1	6.81	1067290	20.0
Naphthalene, deca...	7.72	6.5	ng	500387	2	8.09	1551000	20.0
unknown8.38	8.38	7.3	ng	563641	2	8.09	1551000	20.0
Decane, 2,6,7-tri...	8.51	8.5	ng	661965	2	8.09	1551000	20.0
unknown9.24	9.24	7.7	ng	596451	3	9.85	1546490	20.0
Naphthalene, 2,6-...	9.42	9.7	ng	750114	3	9.85	1546490	20.0
Naphthalene, 1,2-...	9.70	8.0	ng	614606	3	9.85	1546490	20.0
1-Bromo-1-methyl-...	9.74	9.3	ng	719107	3	9.85	1546490	20.0
Naphthalene, 2-(1...	9.95	6.3	ng	490661	3	9.85	1546490	20.0
Naphthalene, 1,6,...	10.04	8.0	ng	618851	3	9.85	1546490	20.0
Naphthalene, 2,3,...	10.09	9.5	ng	732163	3	9.85	1546490	20.0
3,4,4-Trimethyl-5...	10.50	8.4	ng	649964	3	9.85	1546490	20.0
Eicosane	10.76	17.1	ng	1274880	4	11.33	1489060	20.0
Tetradecane	11.22	6.5	ng	480754	4	11.33	1489060	20.0
4H-Cyclopenta[def...	11.94	6.9	ng	510478	4	11.33	1489060	20.0