

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084555.D
 Acq On : 19 Jan 2016 16:38
 Operator : SJ/UM
 Sample : H1169-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(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-BF123115.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	239	245	249	rBV2	305429	636343	9.17%	0.433%
2	4.967	249	252	259	rVB	2128028	3130262	45.11%	2.132%
3	5.161	267	269	271	rBV	382864	486860	7.02%	0.332%
4	5.253	274	277	279	rVV2	176475	399624	5.76%	0.272%
5	5.356	282	286	288	rBV2	483137	1109365	15.99%	0.756%
6	5.401	288	290	292	rVB	3591280	4615635	66.52%	3.143%
7	5.584	304	306	307	rVB	437752	352592	5.08%	0.240%
8	5.630	307	310	313	rVB3	240344	505486	7.28%	0.344%
9	5.687	313	315	318	rVB	665970	633790	9.13%	0.432%
10	5.790	321	324	327	rBV2	481366	742240	10.70%	0.506%
11	5.847	327	329	334	rBV3	198576	521210	7.51%	0.355%
12	5.939	334	337	339	rVB2	578994	787222	11.34%	0.536%
13	5.984	339	341	344	rBV2	206673	442429	6.38%	0.301%
14	6.030	344	345	348	rVB2	1023562	1256333	18.11%	0.856%
15	6.087	348	350	352	rBV	401843	398356	5.74%	0.271%
16	6.224	359	362	365	rBV	518290	879437	12.67%	0.599%
17	6.316	367	370	374	rVV2	609394	1411156	20.34%	0.961%
18	6.384	374	376	378	rVV	505827	532156	7.67%	0.362%
19	6.441	378	381	383	rVV	4622944	5462780	78.73%	3.720%
20	6.533	387	389	390	rBV	344804	492047	7.09%	0.335%
21	6.567	390	392	394	rVB	4357681	5033849	72.54%	3.428%
22	6.636	394	398	401	rVB	989382	1829125	26.36%	1.246%
23	6.796	410	412	415	rVB2	1347869	2181736	31.44%	1.486%
24	6.853	415	417	419	rBV	732177	741824	10.69%	0.505%
25	6.944	423	425	427	rVV	3173745	3853272	55.53%	2.624%
26	7.047	429	434	435	rBV3	490803	778713	11.22%	0.530%
27	7.070	435	436	438	rVB	482327	629223	9.07%	0.429%
28	7.116	438	440	441	rBV2	1131153	1127258	16.25%	0.768%
29	7.139	441	442	445	rVB	397871	407102	5.87%	0.277%
30	7.184	445	446	448	rBV	674320	875717	12.62%	0.596%
31	7.287	452	455	456	rBV	494019	732817	10.56%	0.499%
32	7.367	456	462	464	rBV3	2438826	5844448	84.23%	3.980%
33	7.402	464	465	466	rVB	1280782	878616	12.66%	0.598%
34	7.447	466	469	471	rVB4	626666	858406	12.37%	0.585%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
 Data File : BF084555.D
 Acq On : 19 Jan 2016 16:38
 Operator : SJ/UM
 Sample : H1169-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.482	471	472	473	rBV	466339	577224	8.32%	0.393%
36	7.516	473	475	477	rVB	482947	627618	9.04%	0.427%
37	7.573	477	480	481	rBV	1709211	2113999	30.47%	1.440%
38	7.596	481	482	485	rVB	1714898	1669989	24.07%	1.137%
39	7.733	487	494	495	rBV5	847129	2803203	40.40%	1.909%
40	7.756	495	496	499	rVB2	1104303	1380901	19.90%	0.940%
41	7.824	499	502	503	rBV2	1900914	2857658	41.18%	1.946%
42	7.847	503	504	506	rVB	581612	744757	10.73%	0.507%
43	7.904	506	509	512	rVB4	767408	1286204	18.54%	0.876%
44	7.950	512	513	518	rBV	555679	856471	12.34%	0.583%
45	8.076	518	524	525	rBV	4523509	6938964	100.00%	4.726%
46	8.099	525	526	528	rVV2	1820917	2349879	33.86%	1.600%
47	8.133	528	529	534	rVB2	1485653	2790907	40.22%	1.901%
48	8.259	537	540	541	rBV3	360438	708861	10.22%	0.483%
49	8.362	548	549	554	rVB4	833984	1872001	26.98%	1.275%
50	8.430	554	555	557	rVB2	476333	488976	7.05%	0.333%
51	8.464	557	558	560	rVB	1484290	1512629	21.80%	1.030%
52	8.510	560	562	564	rBV	1852973	2388628	34.42%	1.627%
53	8.544	564	565	567	rVB2	883131	991530	14.29%	0.675%
54	8.590	567	569	570	rBV	610394	730686	10.53%	0.498%
55	8.682	575	577	579	rBV2	1976711	2319598	33.43%	1.580%
56	8.716	579	580	583	rVV3	533821	1014709	14.62%	0.691%
57	8.796	583	587	589	rVB	2540600	2846066	41.02%	1.938%
58	8.887	593	595	597	rVV	879544	1243070	17.91%	0.847%
59	8.990	600	604	607	rBV5	521594	1165053	16.79%	0.793%
60	9.116	613	615	616	rVB	1029149	1154260	16.63%	0.786%
61	9.162	616	619	621	rVB	5582917	5415680	78.05%	3.688%
62	9.242	623	626	628	rBV2	1215909	1943282	28.01%	1.323%
63	9.299	628	631	633	rVV4	211928	431106	6.21%	0.294%
64	9.425	639	642	644	rVB2	765879	1241493	17.89%	0.846%
65	9.493	647	648	651	rVV	1368750	1980183	28.54%	1.349%
66	9.562	651	654	656	rVV3	1671294	3906678	56.30%	2.661%
67	9.607	656	658	661	rVB2	580003	985862	14.21%	0.671%
68	9.699	664	666	668	rBV2	886389	1025608	14.78%	0.698%
69	9.745	668	670	672	rVV	1585158	1426952	20.56%	0.972%
70	9.779	672	673	675	rVB2	761396	619793	8.93%	0.422%
71	9.836	675	678	679	rBV2	2292928	2752524	39.67%	1.875%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
 Data File : BF084555.D
 Acq On : 19 Jan 2016 16:38
 Operator : SJ/UM
 Sample : H1169-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(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-BF123115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.882	679	682	684	rVB4	314756	462944	6.67%	0.315%
73	9.939	685	687	689	rVB2	421558	622047	8.96%	0.424%
74	10.042	693	696	697	rVB2	572344	777745	11.21%	0.530%
75	10.076	697	699	700	rBV	459805	386649	5.57%	0.263%
76	10.156	704	706	709	rVB3	662928	1123724	16.19%	0.765%
77	10.202	709	710	712	rBV2	328677	404915	5.84%	0.276%
78	10.236	712	713	715	rBV	556694	855404	12.33%	0.583%
79	10.373	724	725	726	rBV	394539	384673	5.54%	0.262%
80	10.499	733	736	738	rVB	899344	1232876	17.77%	0.840%
81	10.545	738	740	742	rVB3	268270	448005	6.46%	0.305%
82	10.625	744	747	749	rBV	3050042	3344481	48.20%	2.278%
83	10.659	749	750	753	rVB2	341890	405214	5.84%	0.276%
84	10.762	756	759	761	rBV	2348367	3065412	44.18%	2.088%
85	10.819	762	764	769	rBV2	303894	431928	6.22%	0.294%
86	11.196	795	797	798	rBV	421803	378753	5.46%	0.258%
87	11.219	798	799	803	rVB	769631	938779	13.53%	0.639%
88	11.310	806	807	811	rBV2	1111368	2064912	29.76%	1.406%
89	11.928	859	861	866	rVB4	387188	759552	10.95%	0.517%
90	12.408	901	903	905	rVV	248563	337031	4.86%	0.230%
91	12.522	911	913	915	rBV	767822	876932	12.64%	0.597%
92	12.751	931	933	935	rBV	889897	818027	11.79%	0.557%
93	12.899	944	946	949	rVB	3410643	3486683	50.25%	2.375%
94	13.825	1025	1027	1034	rVB7	136416	395266	5.70%	0.269%
95	13.951	1035	1038	1042	rVV2	1267622	1872459	26.98%	1.275%
96	14.957	1124	1126	1131	rBV	458309	855237	12.33%	0.582%
97	15.242	1148	1151	1154	rVB	261718	338535	4.88%	0.231%
98	15.299	1154	1156	1159	rVV	324764	399459	5.76%	0.272%
99	15.357	1159	1161	1169	rVB	861321	1249005	18.00%	0.851%
100	17.117	1312	1315	1323	rVB	175081	384459	5.54%	0.262%

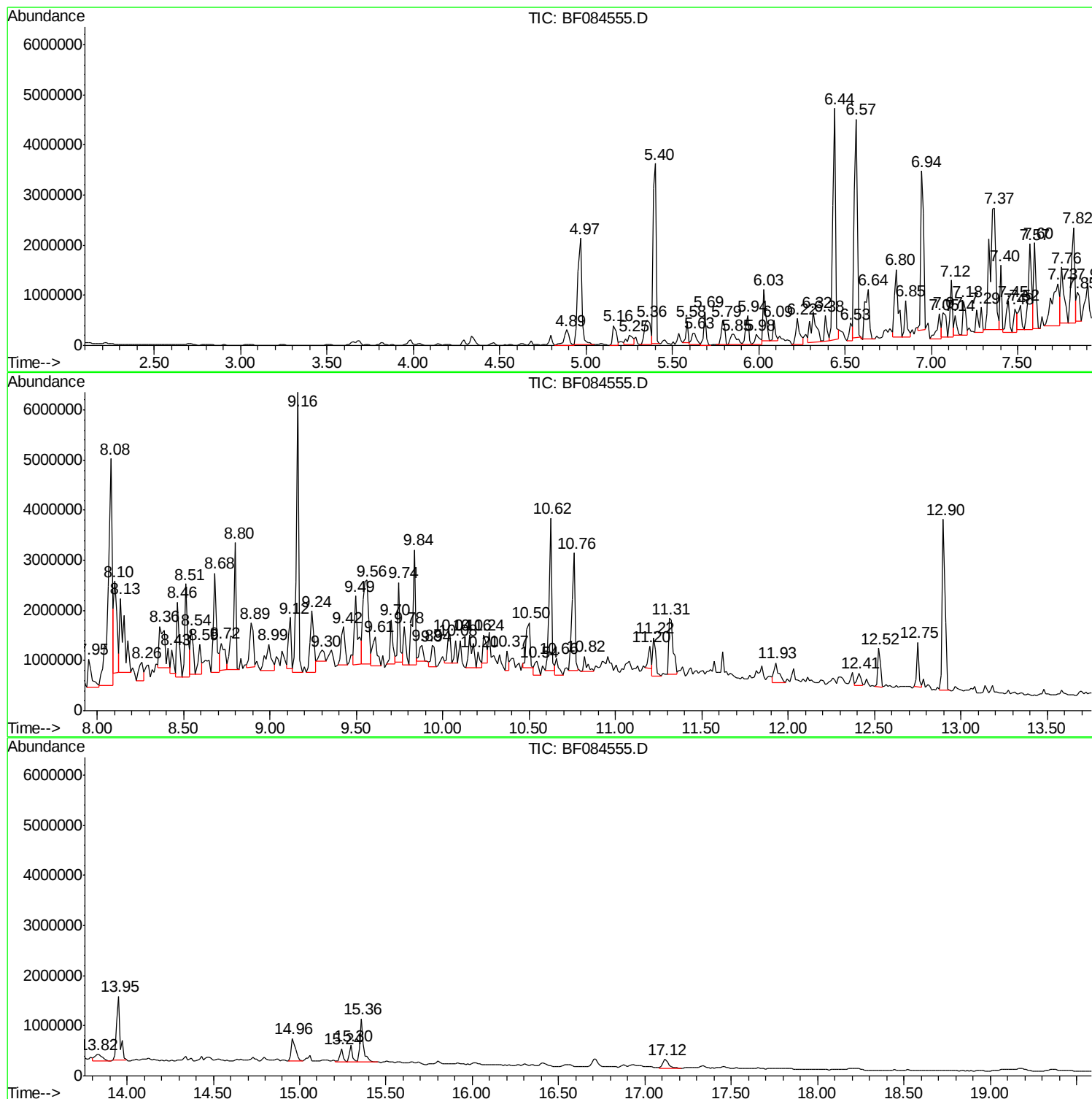
Sum of corrected areas: 146831537

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.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\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

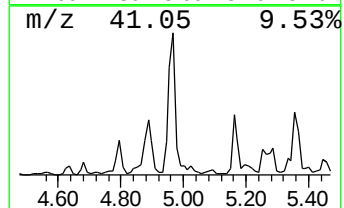
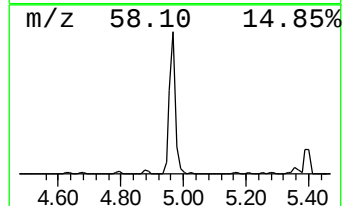
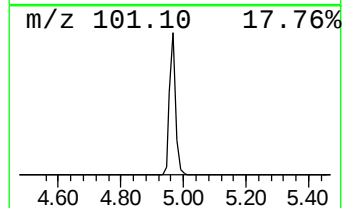
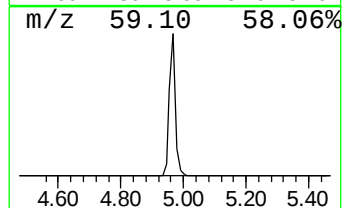
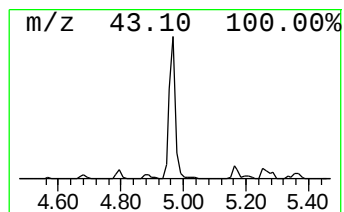
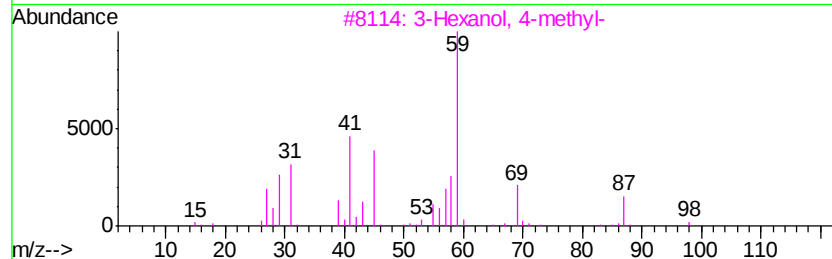
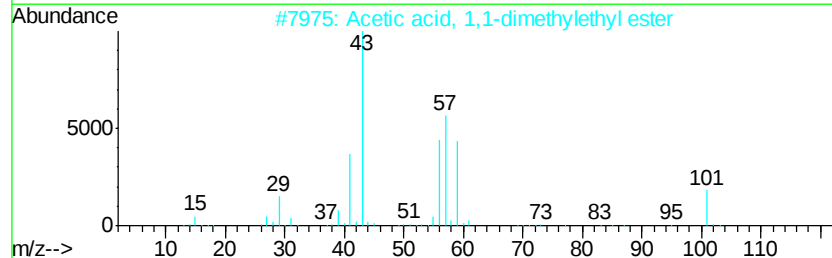
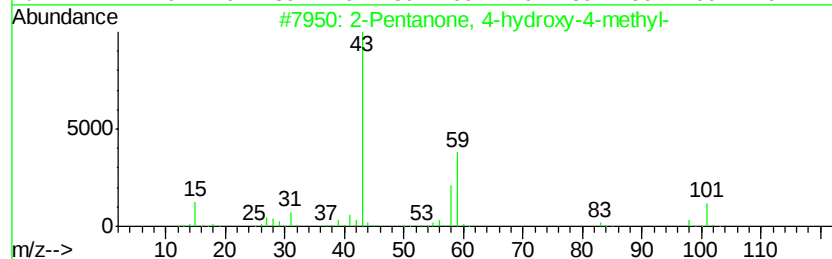
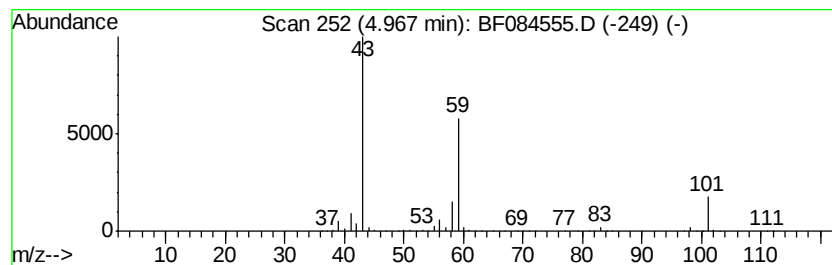
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	28.70 ng	3130260	1,4-Dichlorobenzene-d4	6.80

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		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

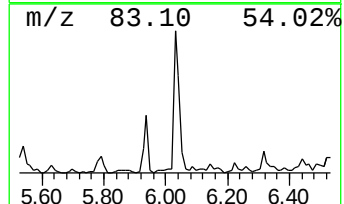
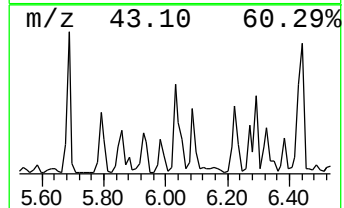
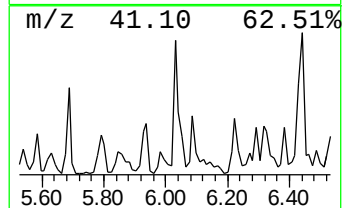
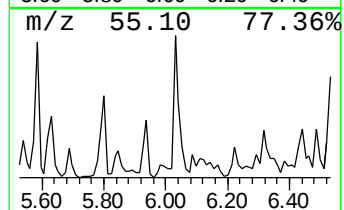
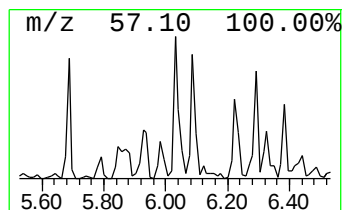
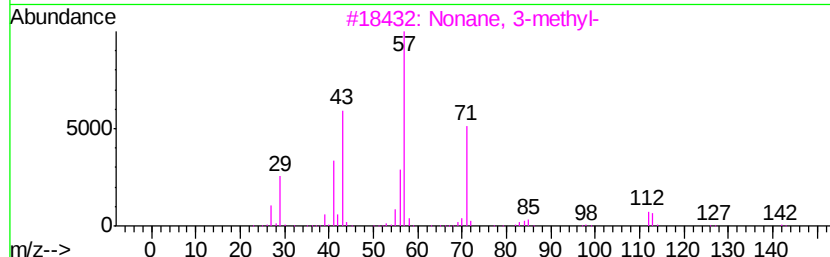
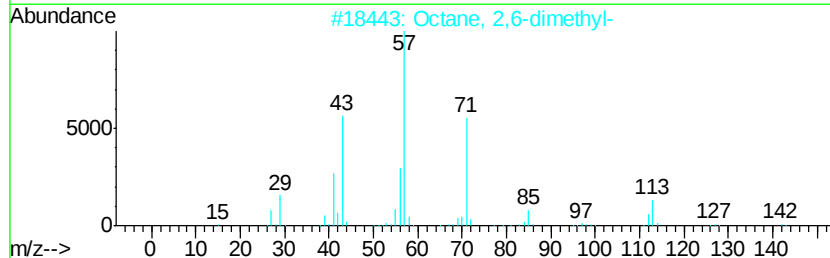
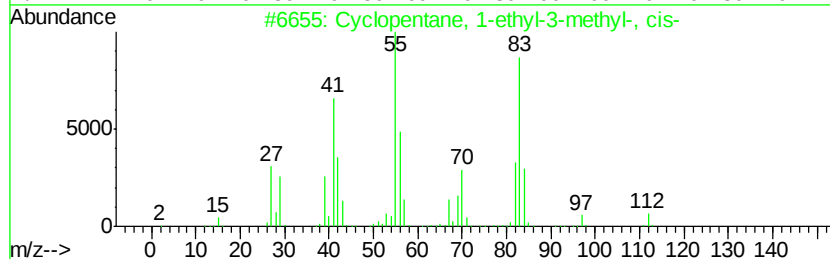
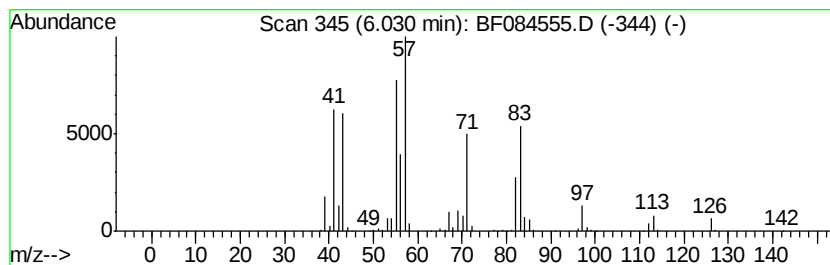
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclopentane, 1-ethyl-3-met... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	11.52 ng	1256330	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	52
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

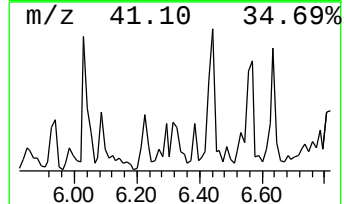
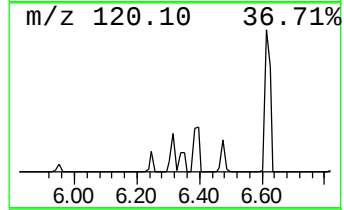
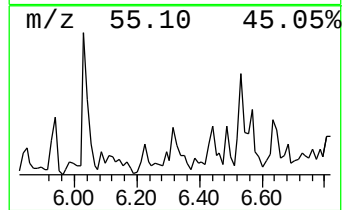
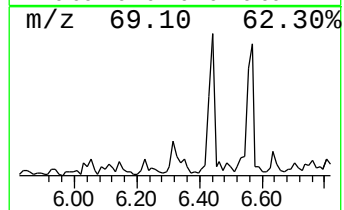
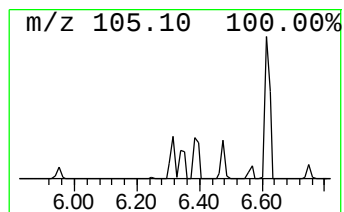
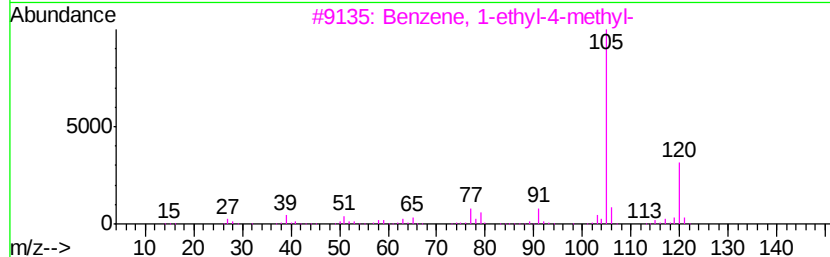
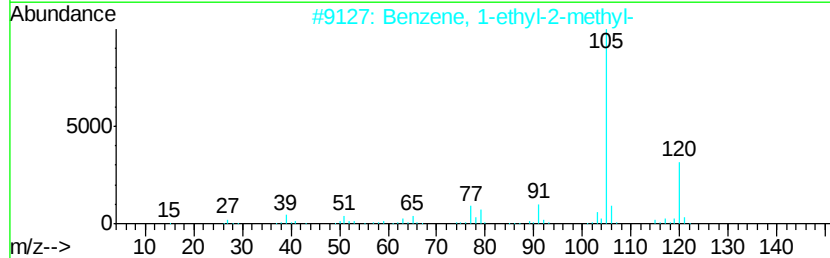
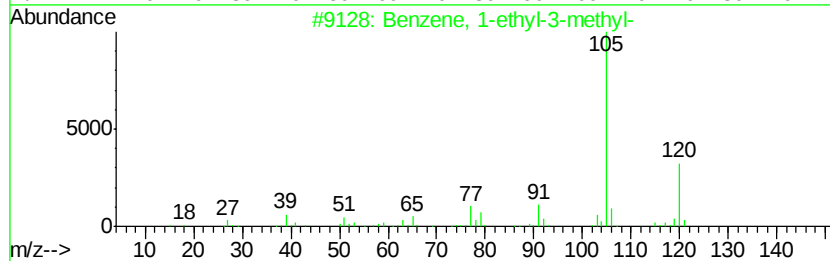
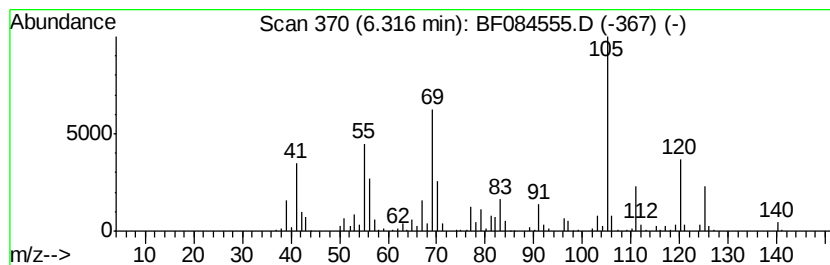
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	12.94 ng	1411160	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	68
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	35
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	35
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

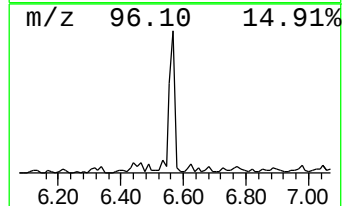
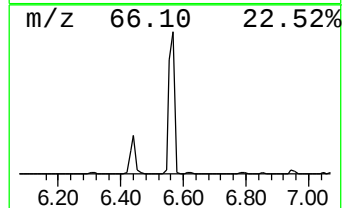
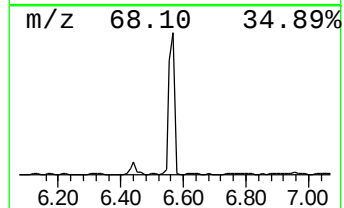
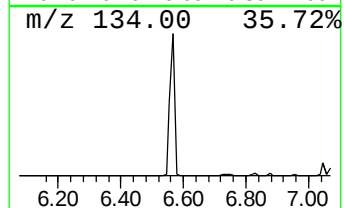
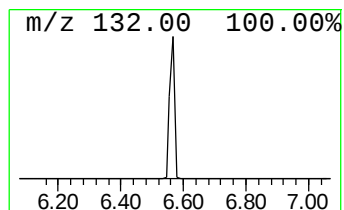
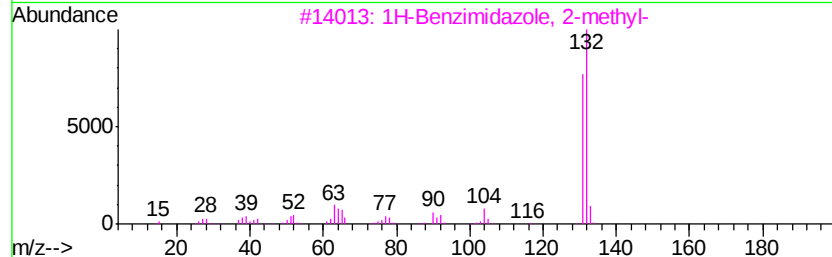
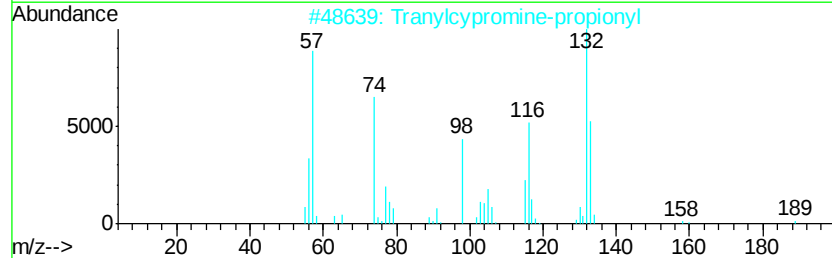
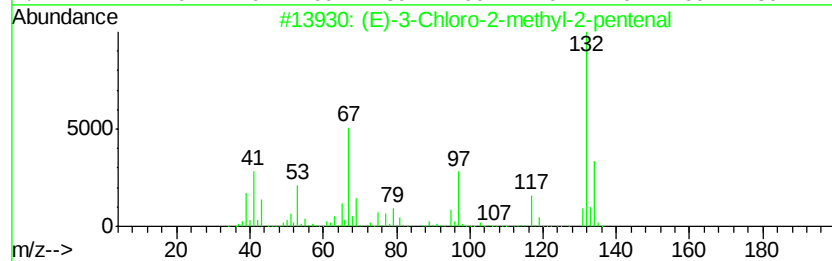
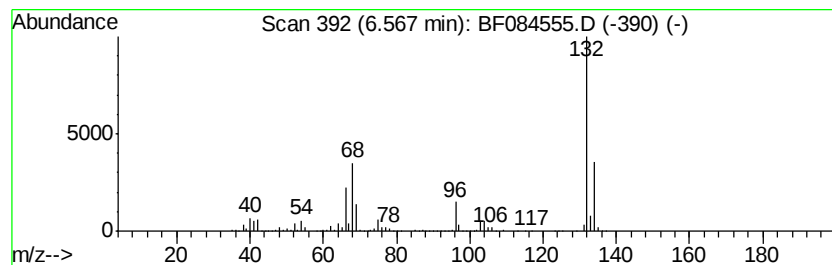
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	46.15 ng	5033850	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

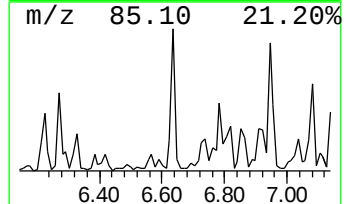
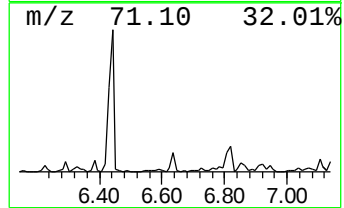
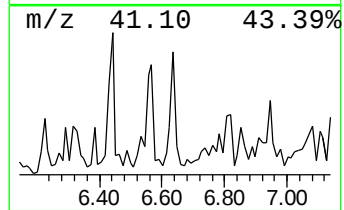
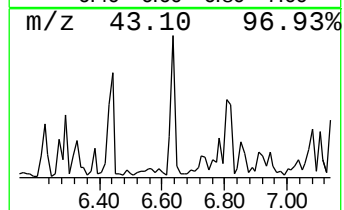
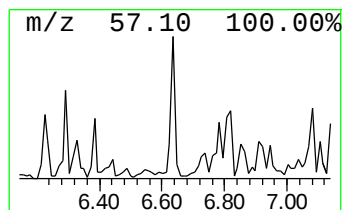
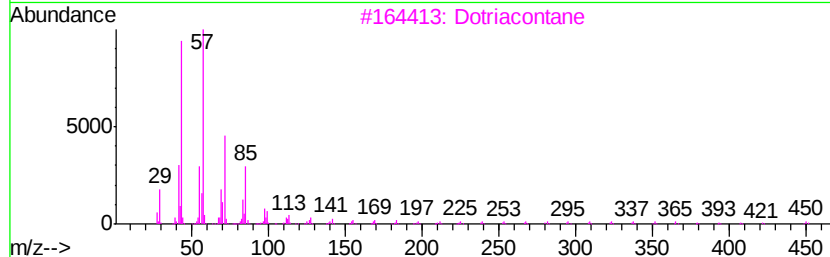
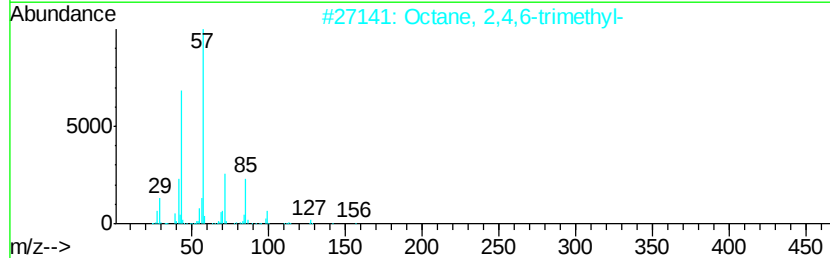
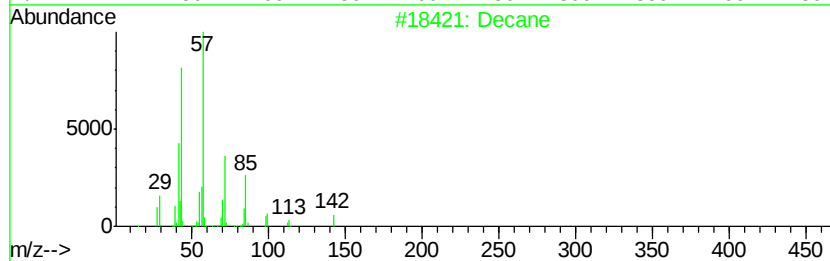
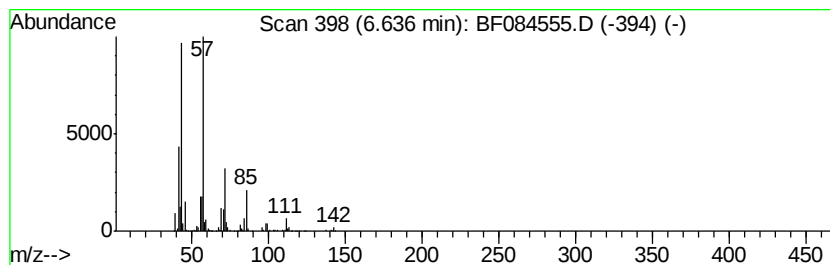
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	16.77 ng	1829130	1,4-Dichlorobenzene-d4	6.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	94
2	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	78
3	Dotriacontane		451	C32H66	000544-85-4	64
4	Tetradecane, 1-chloro-		232	C14H29Cl	002425-54-9	64
5	Hexadecane		226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

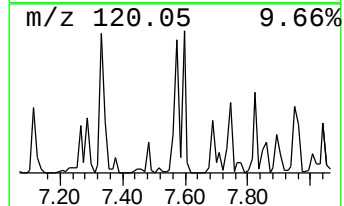
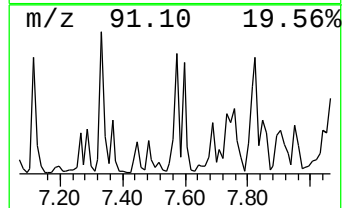
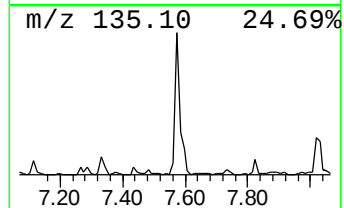
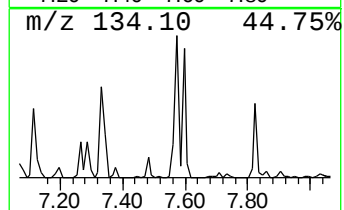
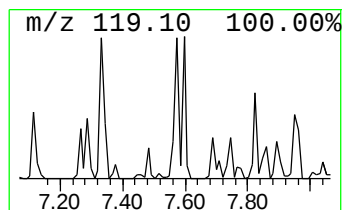
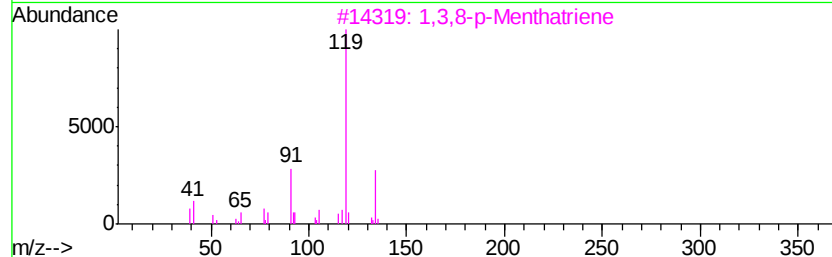
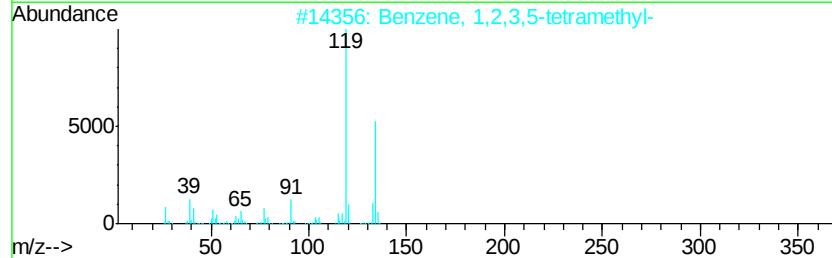
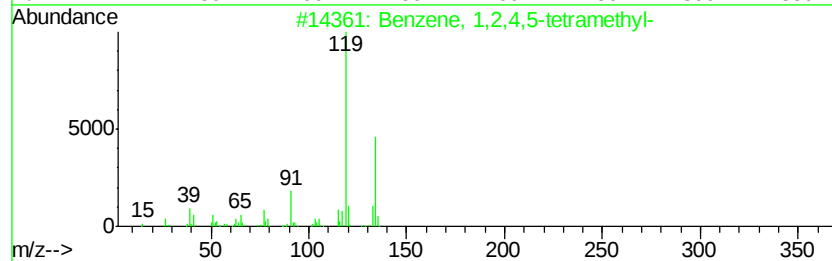
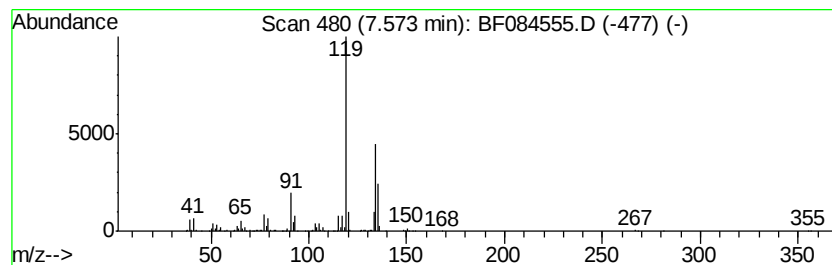
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	17.99 ng	2114000	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	87
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

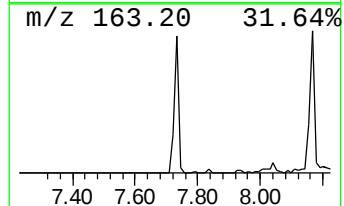
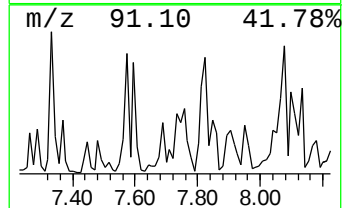
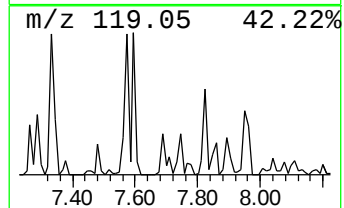
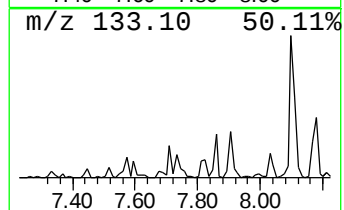
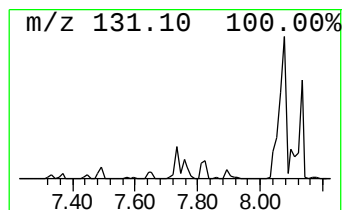
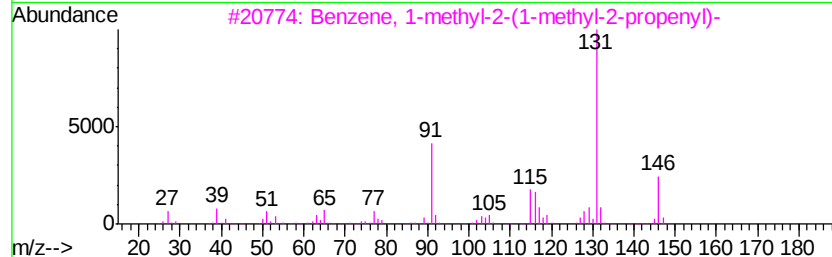
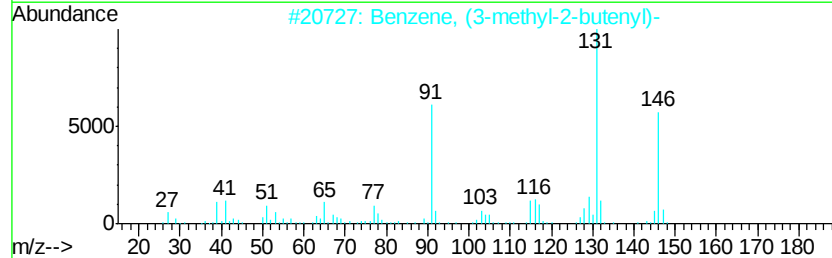
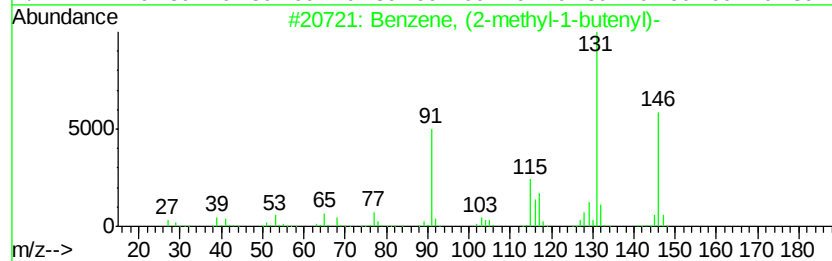
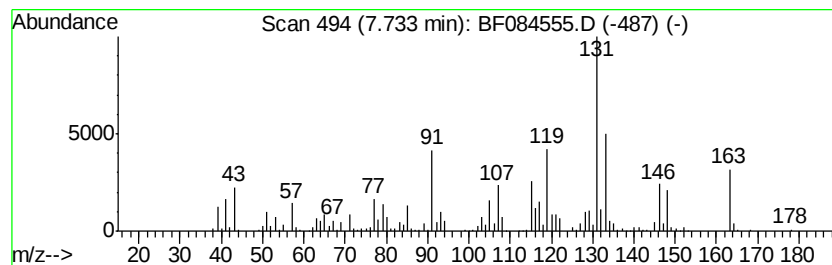
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	23.86 ng	2803200	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

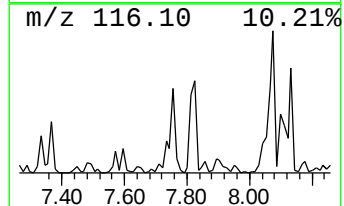
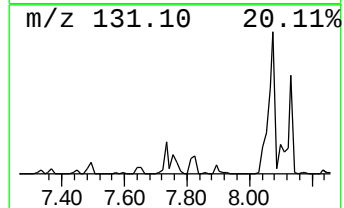
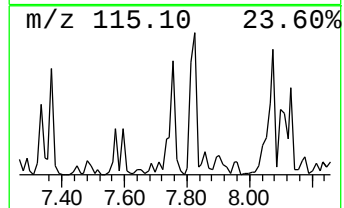
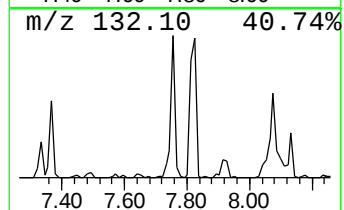
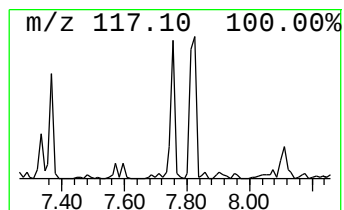
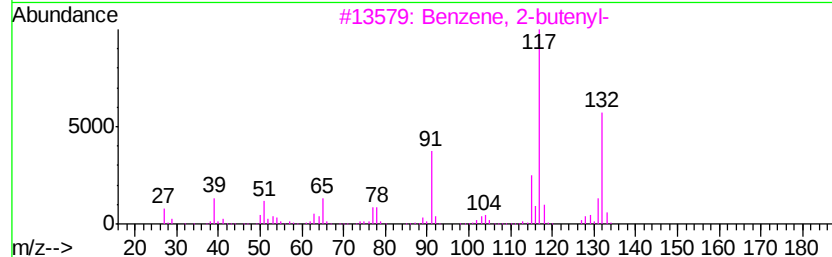
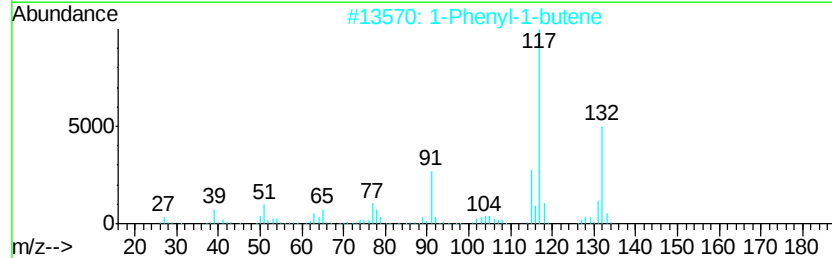
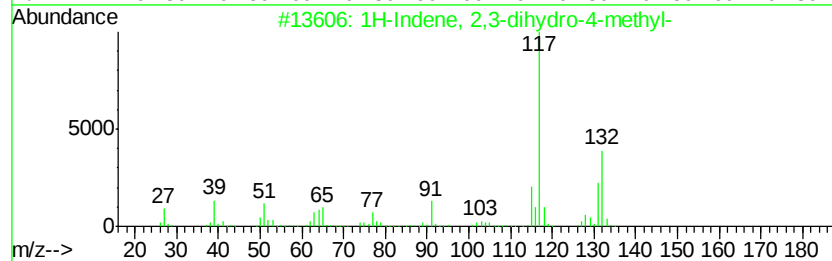
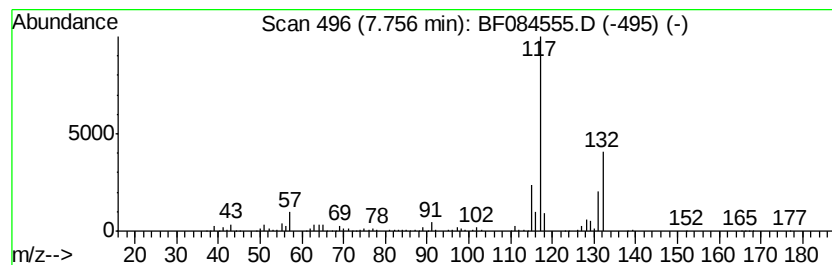
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	11.75 ng	1380900	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	80
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

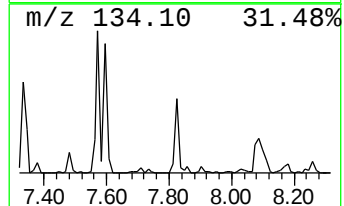
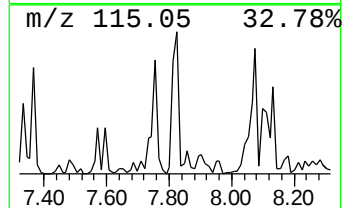
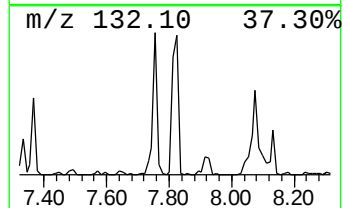
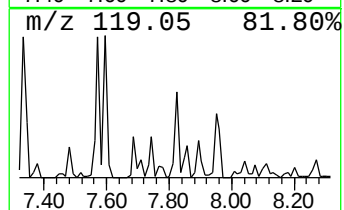
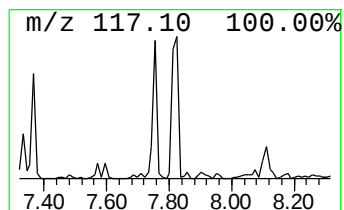
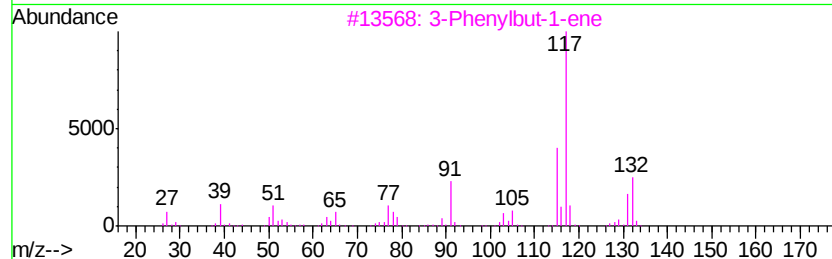
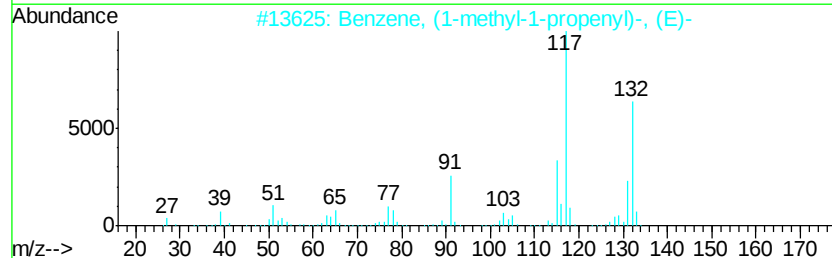
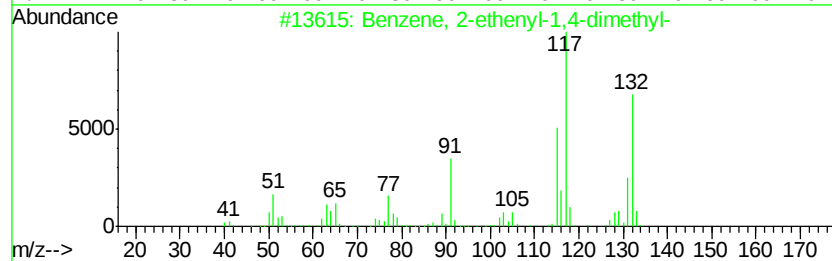
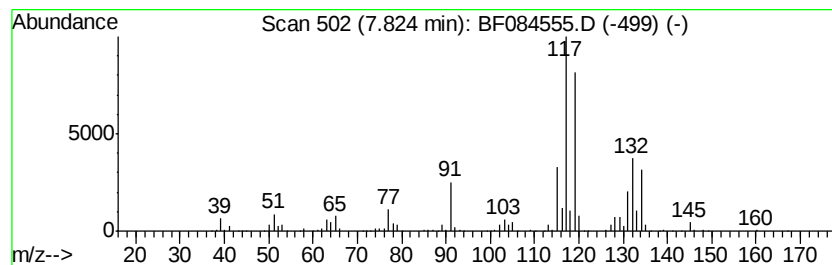
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	24.32 ng	2857660	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

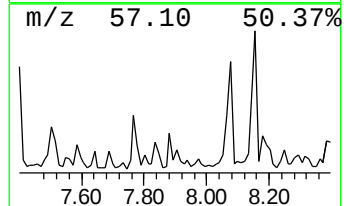
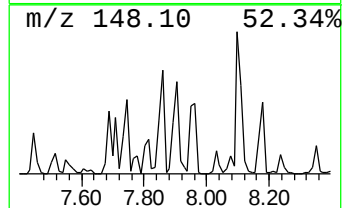
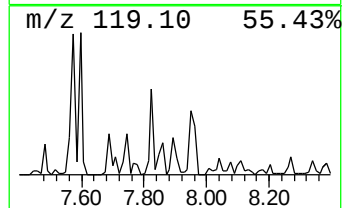
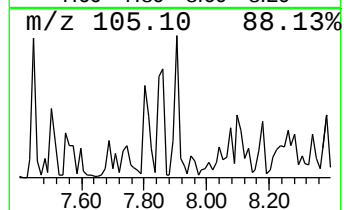
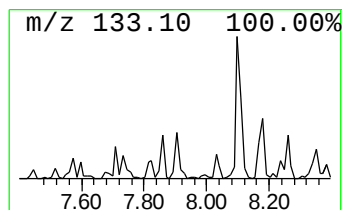
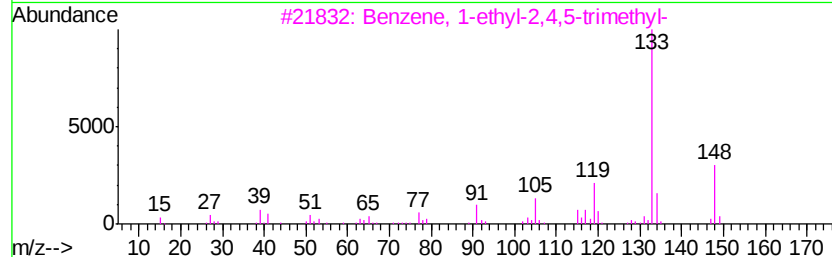
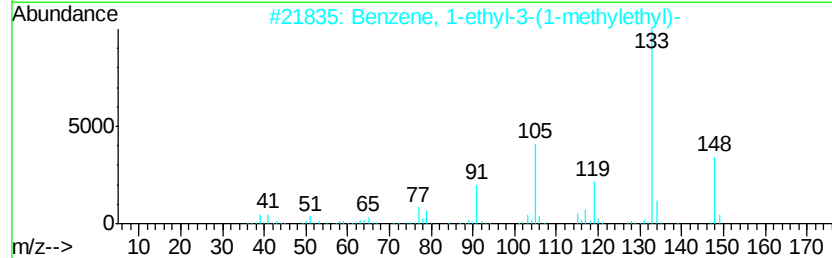
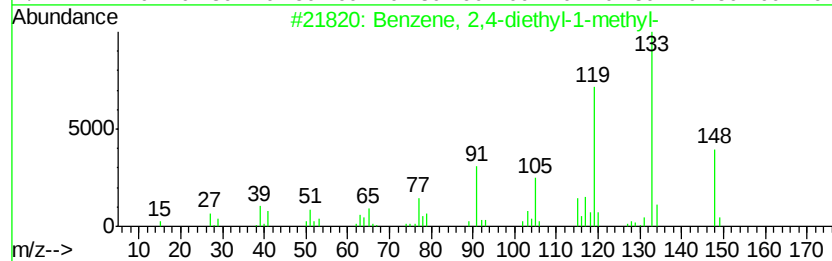
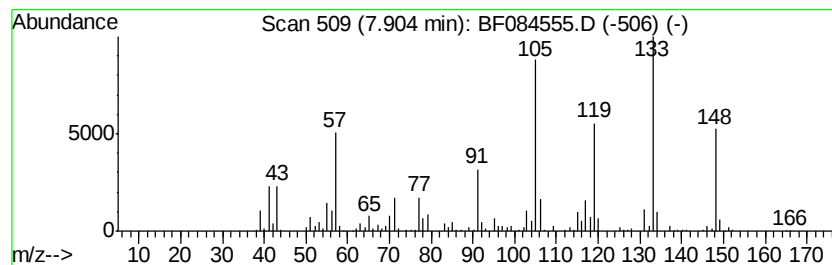
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	10.95 ng	1286200	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	90
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	83
4		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	70
5		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

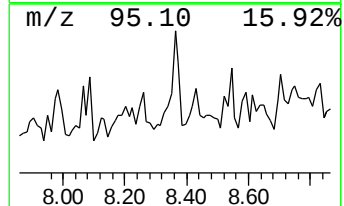
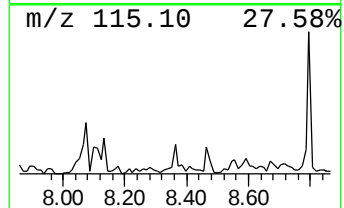
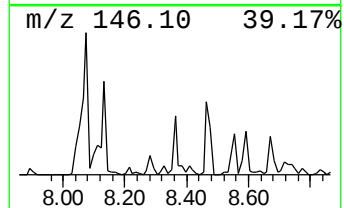
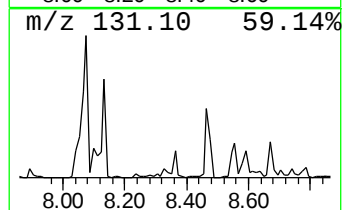
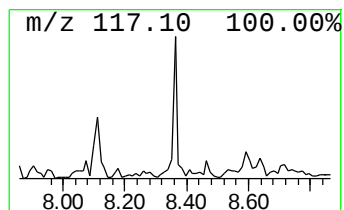
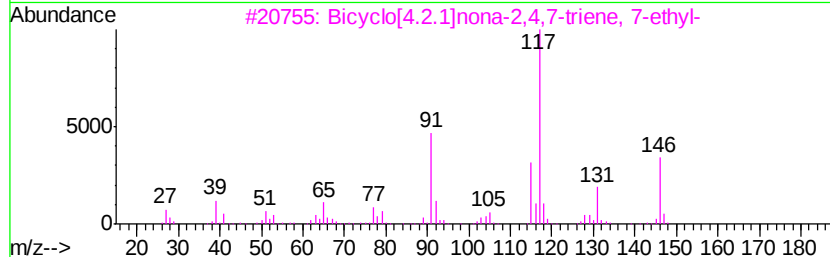
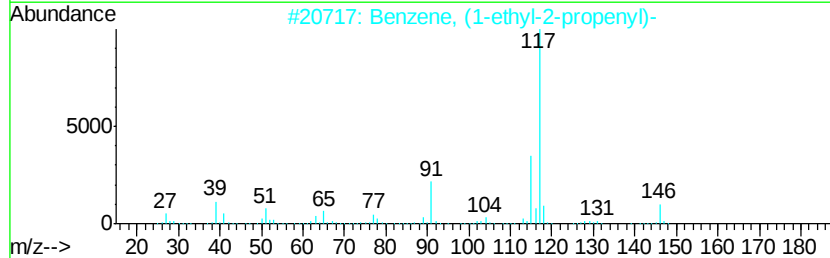
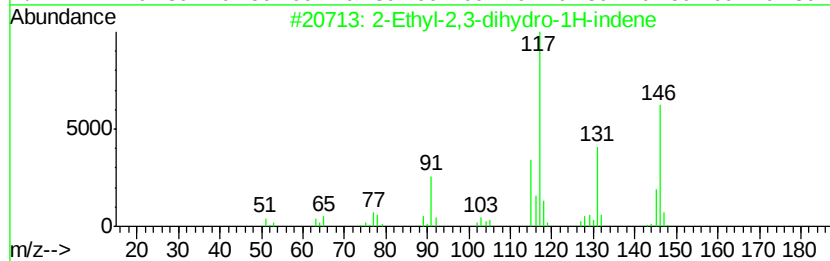
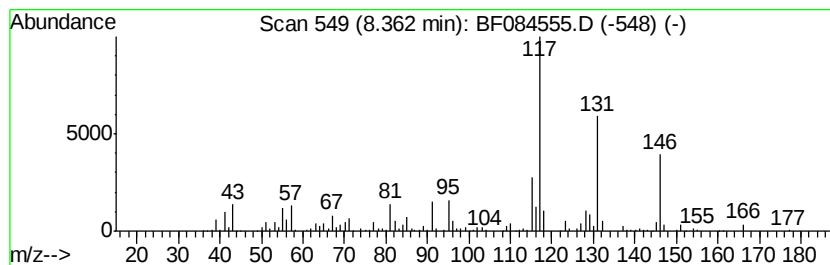
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	15.93 ng	1872000	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	81
2		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	53
3		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	52
4		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	50
5		trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

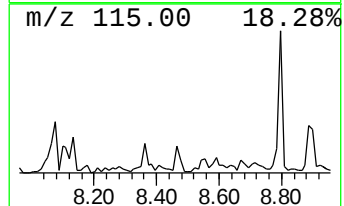
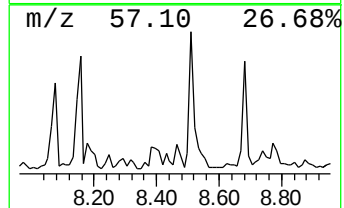
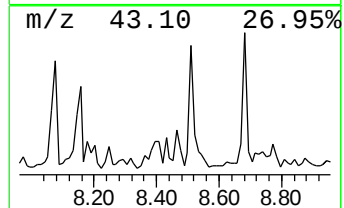
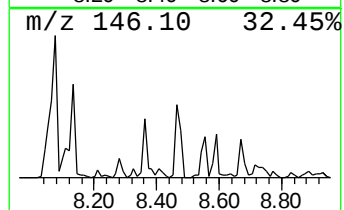
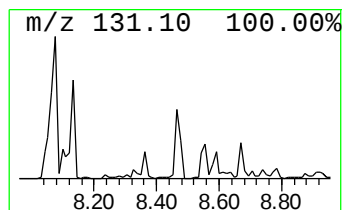
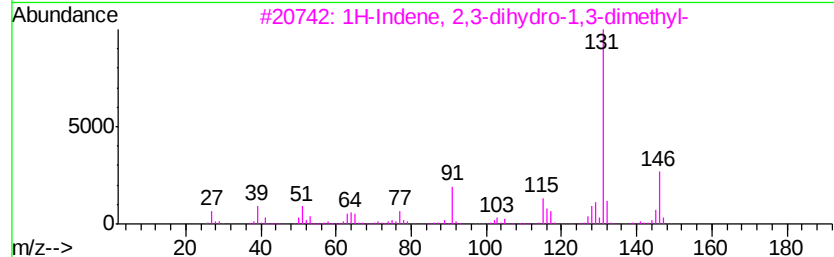
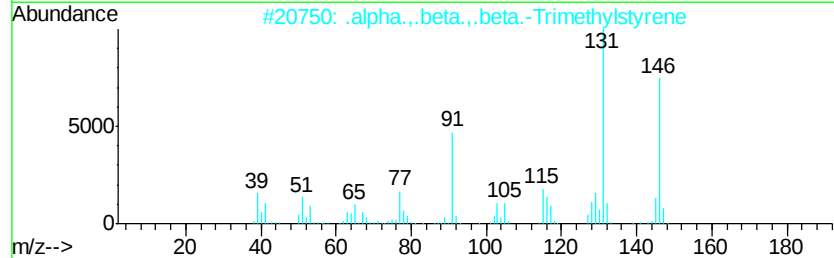
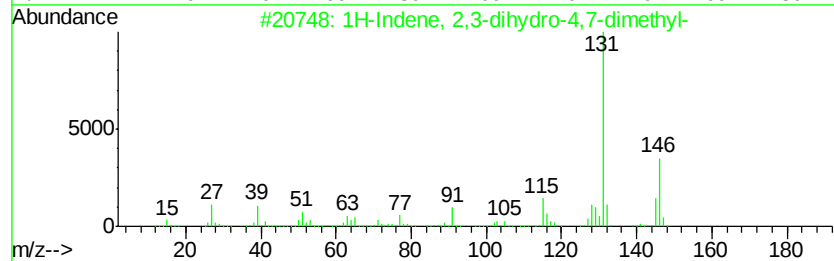
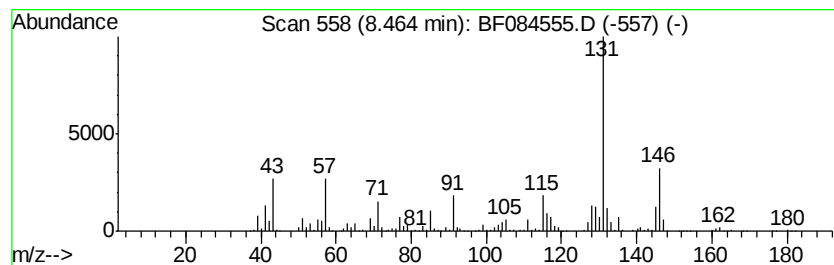
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	12.87 ng	1512630	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	93
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

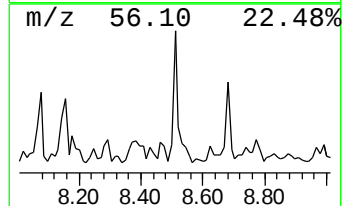
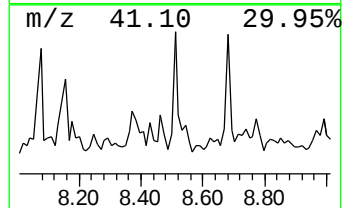
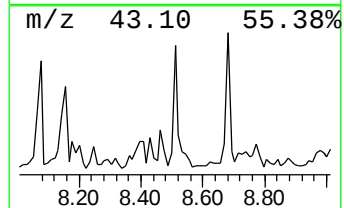
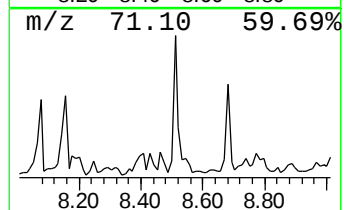
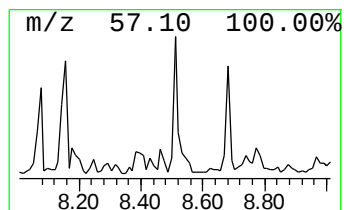
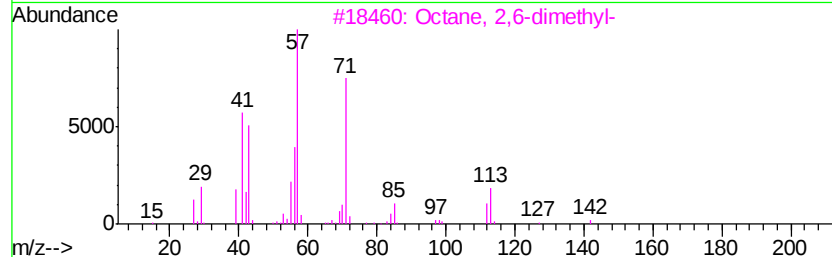
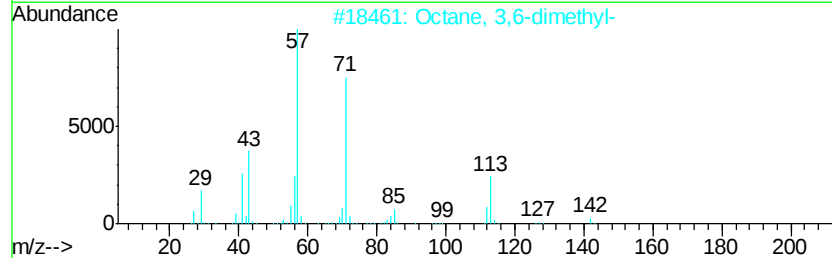
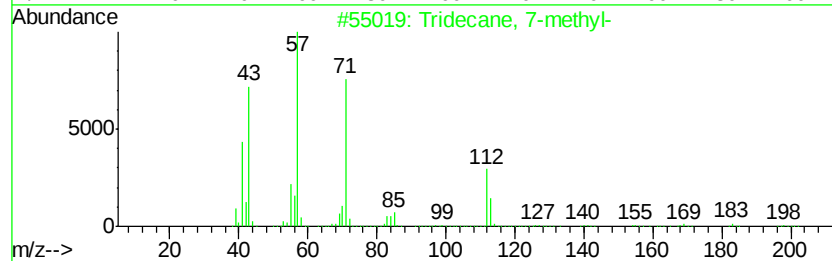
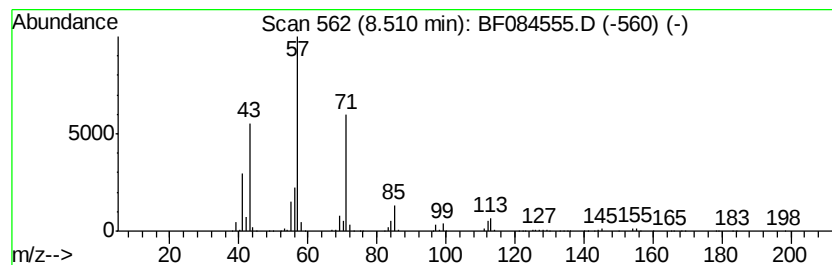
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	20.33 ng	2388630	Naphthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
5		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

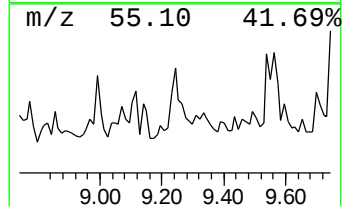
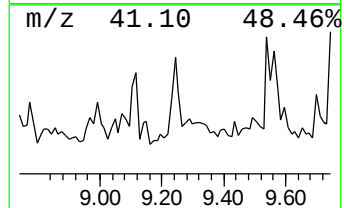
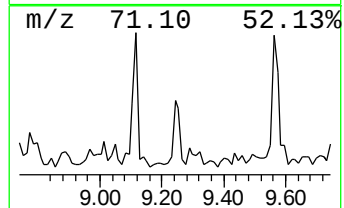
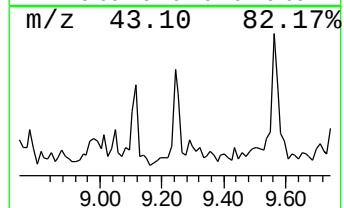
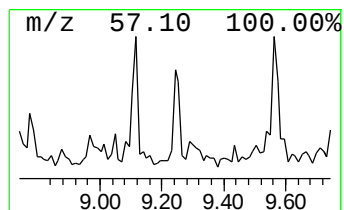
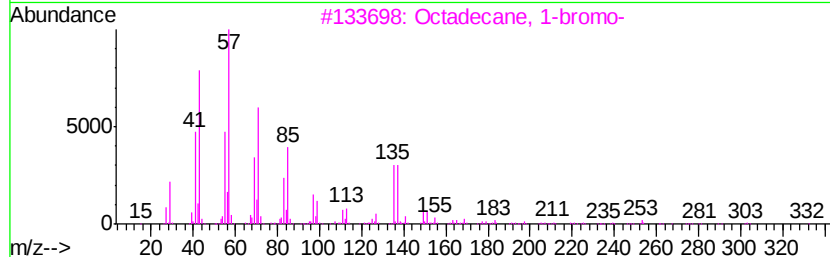
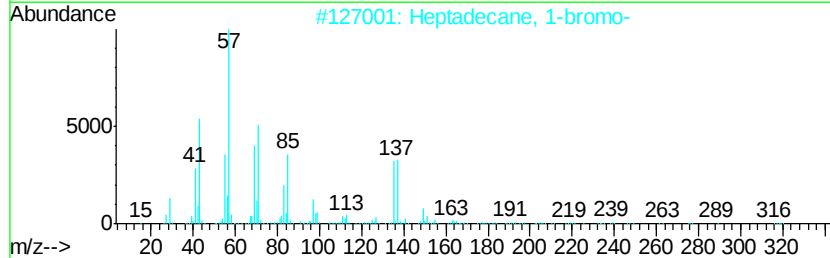
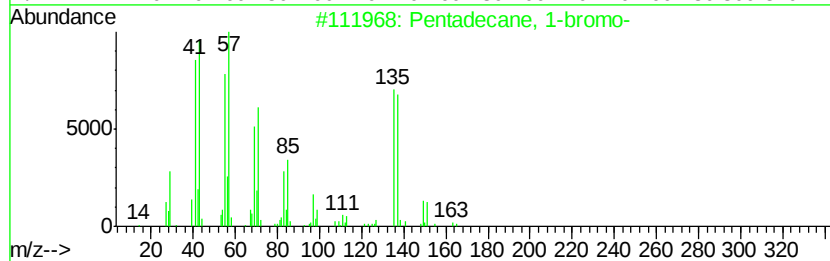
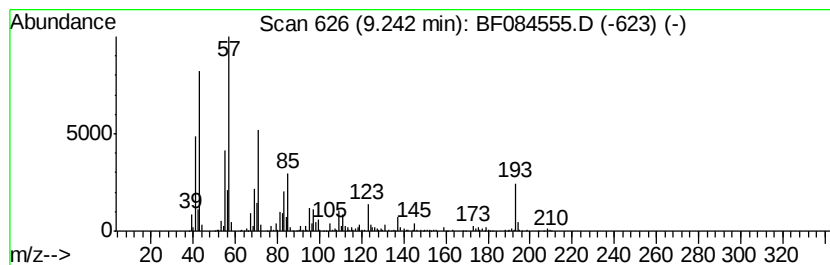
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 1-bromo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	14.12 ng	1943280	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	52
2		Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	52
3		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	50
4		Tetradecane	198	C14H30	000629-59-4	46
5		Phytol	296	C20H40O	000150-86-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

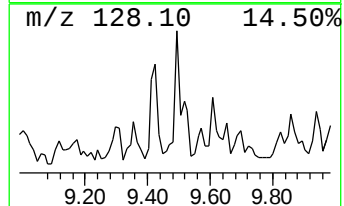
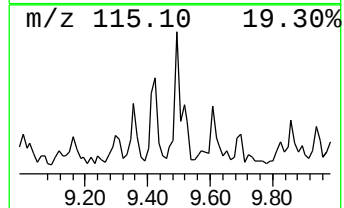
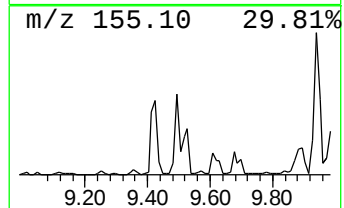
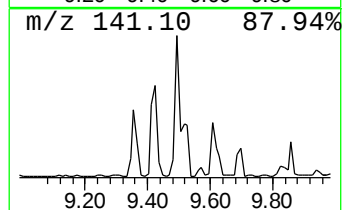
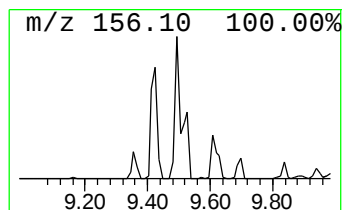
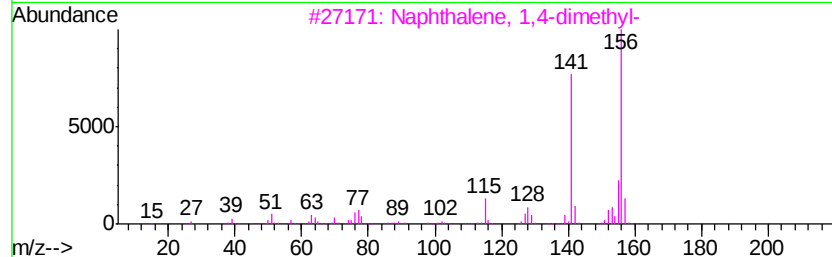
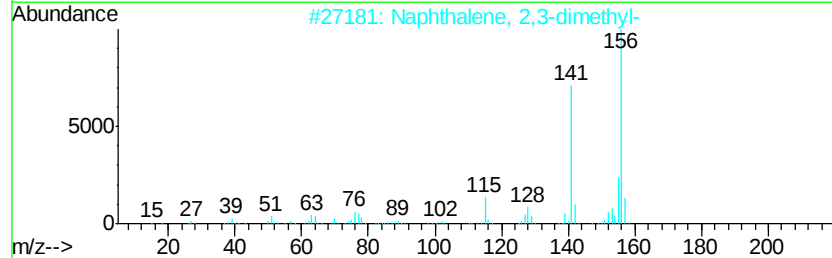
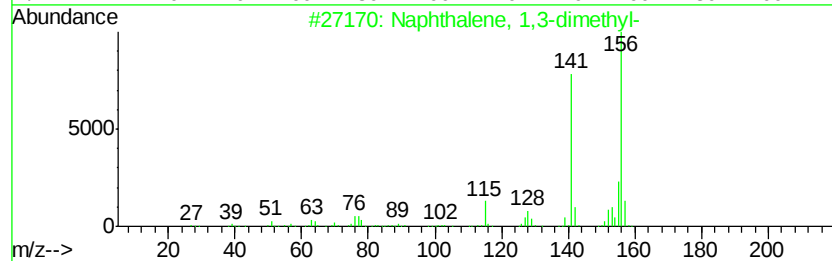
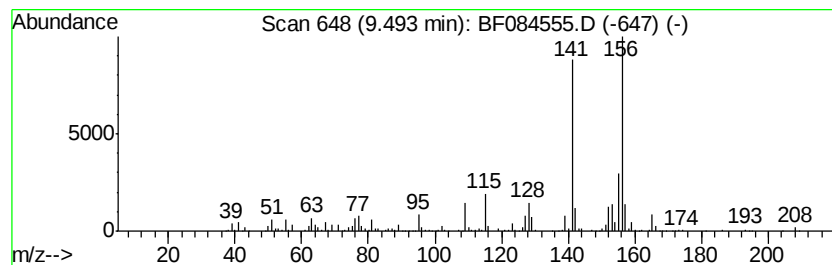
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	14.39 ng	1980180	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084555.D
Acq On : 19 Jan 2016 16:38
Operator : SJ/UM
Sample : H1169-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-002(0-2)

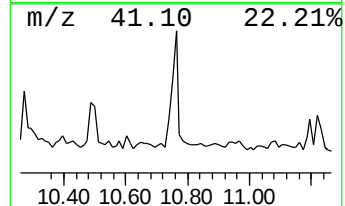
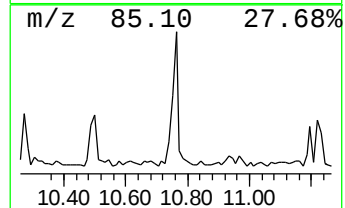
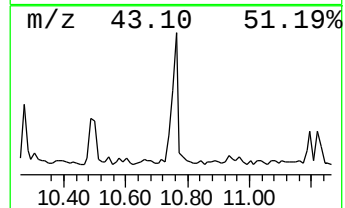
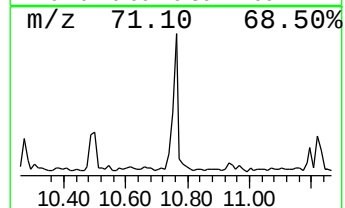
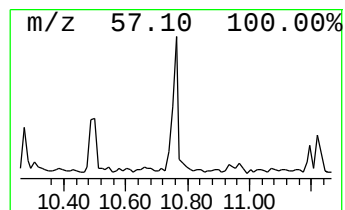
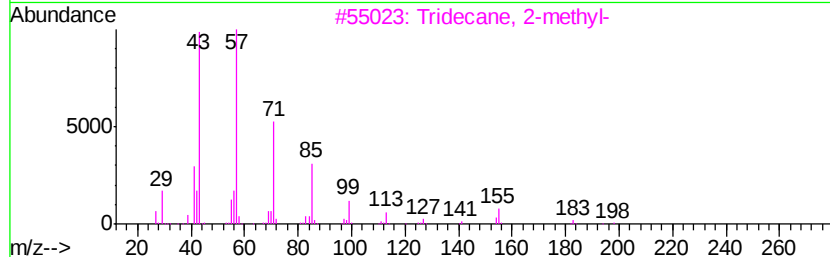
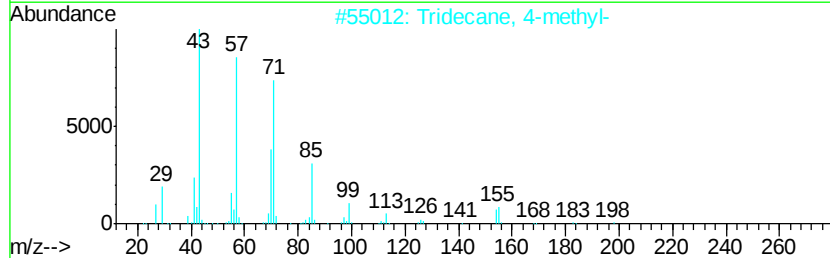
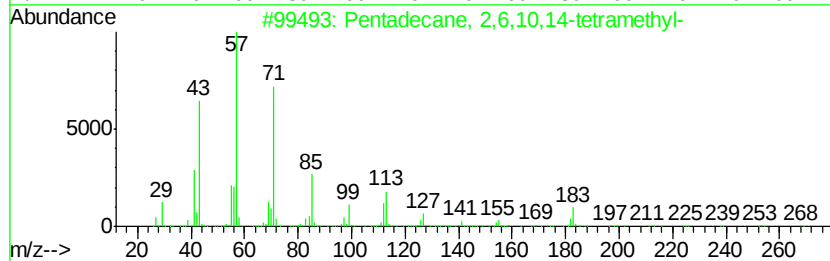
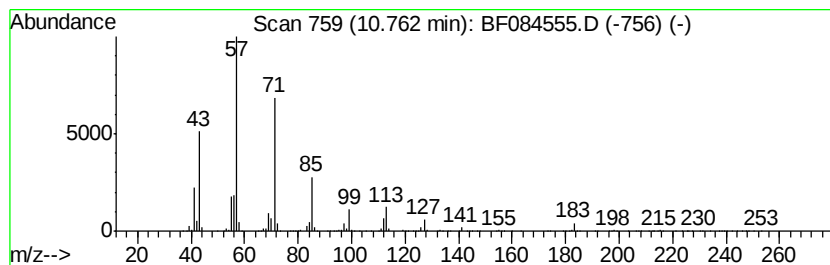
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	29.69 ng	3065410	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5		5,5-Dibutylnonane	240	C17H36	006008-17-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
 Data File : BF084555.D
 Acq On : 19 Jan 2016 16:38
 Operator : SJ/UM
 Sample : H1169-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-002(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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	28.7	ng	3130260	1	6.80	2181740	20.0
Cyclopentane, 1-e...	6.03	11.5	ng	1256330	1	6.80	2181740	20.0
Benzene, 1-ethyl-...	6.32	12.9	ng	1411160	1	6.80	2181740	20.0
unknown6.57	6.57	46.1	ng	5033850	1	6.80	2181740	20.0
Decane	6.64	16.8	ng	1829130	1	6.80	2181740	20.0
Benzene, 1,2,4,5-...	7.57	18.0	ng	2114000	2	8.09	2349880	20.0
Benzene, (2-methy...	7.73	23.9	ng	2803200	2	8.09	2349880	20.0
1H-Indene, 2,3-di...	7.76	11.8	ng	1380900	2	8.09	2349880	20.0
Benzene, 2-etheny...	7.82	24.3	ng	2857660	2	8.09	2349880	20.0
Benzene, 2,4-diet...	7.90	10.9	ng	1286200	2	8.09	2349880	20.0
2-Ethyl-2,3-dihyd...	8.36	15.9	ng	1872000	2	8.09	2349880	20.0
1H-Indene, 2,3-di...	8.46	12.9	ng	1512630	2	8.09	2349880	20.0
Tridecane, 7-methyl-	8.51	20.3	ng	2388630	2	8.09	2349880	20.0
Pentadecane, 1-br...	9.24	14.1	ng	1943280	3	9.84	2752520	20.0
Naphthalene, 1,3-...	9.49	14.4	ng	1980180	3	9.84	2752520	20.0
Pentadecane, 2,6,...	10.76	29.7	ng	3065410	4	11.32	2064910	20.0