

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084689.D
 Acq On : 30 Jan 2016 16:41
 Operator : SJ/IZ
 Sample : H1273-09 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(10-12)

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-BF012916.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.070	80	86	89	rBV	33281	74961	3.38%	0.192%
2	3.516	122	125	128	rVB	46725	91859	4.14%	0.235%
3	3.836	147	153	156	rBV3	46023	96701	4.36%	0.248%
4	4.224	185	187	193	rVV2	47717	85599	3.86%	0.219%
5	4.350	193	198	201	rVV	41287	81144	3.66%	0.208%
6	4.784	233	236	240	rVB2	70261	120241	5.42%	0.308%
7	4.864	240	243	246	rBV	698599	795150	35.82%	2.036%
8	5.070	259	261	263	rBV	61659	88718	4.00%	0.227%
9	5.150	266	268	269	rVV	91599	118180	5.32%	0.303%
10	5.196	269	272	275	rVV2	47251	88128	3.97%	0.226%
11	5.264	275	278	281	rVV2	407850	704430	31.73%	1.804%
12	5.310	281	282	285	rVV	743533	838929	37.79%	2.148%
13	5.367	285	287	290	rVV3	52738	81196	3.66%	0.208%
14	5.459	293	295	297	rBV	83975	113254	5.10%	0.290%
15	5.539	300	302	303	rVV	309777	428365	19.30%	1.097%
16	5.607	306	308	311	rVB2	75504	97131	4.38%	0.249%
17	5.722	315	318	320	rVB2	126083	192848	8.69%	0.494%
18	5.767	320	322	324	rBV2	39871	76011	3.42%	0.195%
19	5.859	327	330	333	rVV2	98847	149080	6.72%	0.382%
20	5.927	333	336	338	rVV4	31735	94116	4.24%	0.241%
21	5.962	338	339	342	rVV2	118827	143225	6.45%	0.367%
22	6.019	342	344	345	rVV	52002	69160	3.12%	0.177%
23	6.042	345	346	350	rVV4	34740	79100	3.56%	0.203%
24	6.179	353	358	360	rBV2	144033	337523	15.20%	0.864%
25	6.213	360	361	362	rVV	131245	135345	6.10%	0.347%
26	6.247	362	364	365	rVV	632844	754565	33.99%	1.932%
27	6.270	365	366	368	rVV	261642	281216	12.67%	0.720%
28	6.316	368	370	373	rVV	520295	687036	30.95%	1.759%
29	6.373	373	375	376	rVV	805494	925057	41.67%	2.369%
30	6.407	376	378	382	rVV	387513	485965	21.89%	1.244%
31	6.487	383	385	388	rVV	849212	1027695	46.29%	2.632%
32	6.544	388	390	394	rVV	1370071	1498708	67.51%	3.838%
33	6.613	394	396	398	rVV2	43003	82200	3.70%	0.210%
34	6.682	398	402	404	rVV4	108627	269555	12.14%	0.690%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084689.D
 Acq On : 30 Jan 2016 16:41
 Operator : SJ/IZ
 Sample : H1273-09 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(10-12)

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-BF012916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.727	404	406	407 rVV	1024007	1122830	50.58%	2.875%
36	6.750	407	408	409 rVV	153964	162778	7.33%	0.417%
37	6.784	409	411	412 rVV	586503	546208	24.60%	1.399%
38	6.819	412	414	415 rVV	77458	135399	6.10%	0.347%
39	6.853	415	417	418 rVV2	206055	318016	14.32%	0.814%
40	6.876	418	419	423 rVV2	848051	989204	44.56%	2.533%
41	7.002	426	430	432 rVV2	324449	719264	32.40%	1.842%
42	7.047	432	434	439 rVV	701353	944084	42.53%	2.418%
43	7.127	439	441	442 rVV2	211943	317601	14.31%	0.813%
44	7.196	445	447	451 rVV2	527768	877248	39.52%	2.246%
45	7.265	451	453	454 rVV	632775	675413	30.42%	1.730%
46	7.287	454	455	458 rVV2	764717	909593	40.97%	2.329%
47	7.333	458	459	460 rVV	161558	143285	6.45%	0.367%
48	7.379	460	463	465 rVV3	150389	309306	13.93%	0.792%
49	7.413	465	466	471 rVV3	215757	442144	19.92%	1.132%
50	7.505	471	474	475 rVV	471762	539635	24.31%	1.382%
51	7.527	475	476	478 rVV	660905	585510	26.37%	1.499%
52	7.619	478	484	485 rVV3	111882	360135	16.22%	0.922%
53	7.642	485	486	487 rVV	242310	269085	12.12%	0.689%
54	7.676	487	489	493 rVV4	223331	565313	25.46%	1.448%
55	7.756	493	496	497 rVV3	364489	656724	29.58%	1.682%
56	7.790	497	499	500 rVV	162480	243227	10.96%	0.623%
57	7.836	500	503	506 rVV4	145895	362843	16.34%	0.929%
58	7.882	506	507	510 rVV	121000	202011	9.10%	0.517%
59	7.973	512	515	516 rVV3	102932	219559	9.89%	0.562%
60	8.007	516	518	524 rVV2	1493902	2220033	100.00%	5.685%
61	8.110	524	527	528 rVV2	95996	191733	8.64%	0.491%
62	8.145	528	530	531 rVV2	46542	71973	3.24%	0.184%
63	8.190	531	534	535 rVV3	73486	142643	6.43%	0.365%
64	8.225	535	537	539 rVV2	42502	87395	3.94%	0.224%
65	8.293	539	543	548 rVV4	90148	286521	12.91%	0.734%
66	8.396	551	552	554 rVV	120780	123352	5.56%	0.316%
67	8.442	554	556	558 rVV2	53164	105658	4.76%	0.271%
68	8.476	558	559	561 rVV	74098	85154	3.84%	0.218%
69	8.613	569	571	572 rVV2	78895	94004	4.23%	0.241%
70	8.636	572	573	577 rVV3	30126	65017	2.93%	0.166%
71	8.728	578	581	582 rVB	180305	214365	9.66%	0.549%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084689.D
 Acq On : 30 Jan 2016 16:41
 Operator : SJ/IZ
 Sample : H1273-09 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(10-12)

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-BF012916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.819	587	589	594	rVB	144265	151155	6.81%	0.387%
73	9.093	610	613	615	rBV	659185	871345	39.25%	2.231%
74	9.425	638	642	643	rBV2	49601	77122	3.47%	0.197%
75	9.482	645	647	649	rVV	101688	133326	6.01%	0.341%
76	9.756	669	671	673	rVV	822611	1074562	48.40%	2.752%
77	10.545	738	740	742	rBV	435626	383826	17.29%	0.983%
78	11.242	798	801	802	rBV	1076145	937644	42.24%	2.401%
79	11.768	843	847	849	rBV	78692	140531	6.33%	0.360%
80	11.848	852	854	859	rVB3	78713	154869	6.98%	0.397%
81	11.962	862	864	868	rBV4	71974	144227	6.50%	0.369%
82	12.294	891	893	894	rBV	63608	68447	3.08%	0.175%
83	12.339	896	897	899	rVB	101015	108766	4.90%	0.279%
84	12.454	905	907	908	rBV	241115	273065	12.30%	0.699%
85	12.659	924	925	928	rBV2	336697	545877	24.59%	1.398%
86	12.717	928	930	931	rBV2	167647	143225	6.45%	0.367%
87	12.831	938	940	942	rBV	542764	680756	30.66%	1.743%
88	13.071	959	961	963	rBV	228755	205168	9.24%	0.525%
89	13.368	985	987	989	rBV	238176	222079	10.00%	0.569%
90	13.414	989	991	992	rBV	259842	230569	10.39%	0.590%
91	13.745	1018	1020	1023	rVB	238784	286636	12.91%	0.734%
92	13.871	1029	1031	1035	rVB2	938389	1174405	52.90%	3.007%
93	14.054	1045	1047	1049	rBV	237293	272787	12.29%	0.699%
94	14.362	1072	1074	1076	rBV	267829	309105	13.92%	0.792%
95	14.660	1099	1100	1104	rVB3	264048	281605	12.68%	0.721%
96	14.877	1117	1119	1124	rVB	186716	333379	15.02%	0.854%
97	14.968	1125	1127	1129	rVB2	185863	224360	10.11%	0.575%
98	15.208	1146	1148	1151	rBV	193755	279780	12.60%	0.716%
99	15.265	1151	1153	1155	rBV	834898	966940	43.56%	2.476%
100	18.934	1470	1474	1482	rVB3	275071	879072	39.60%	2.251%

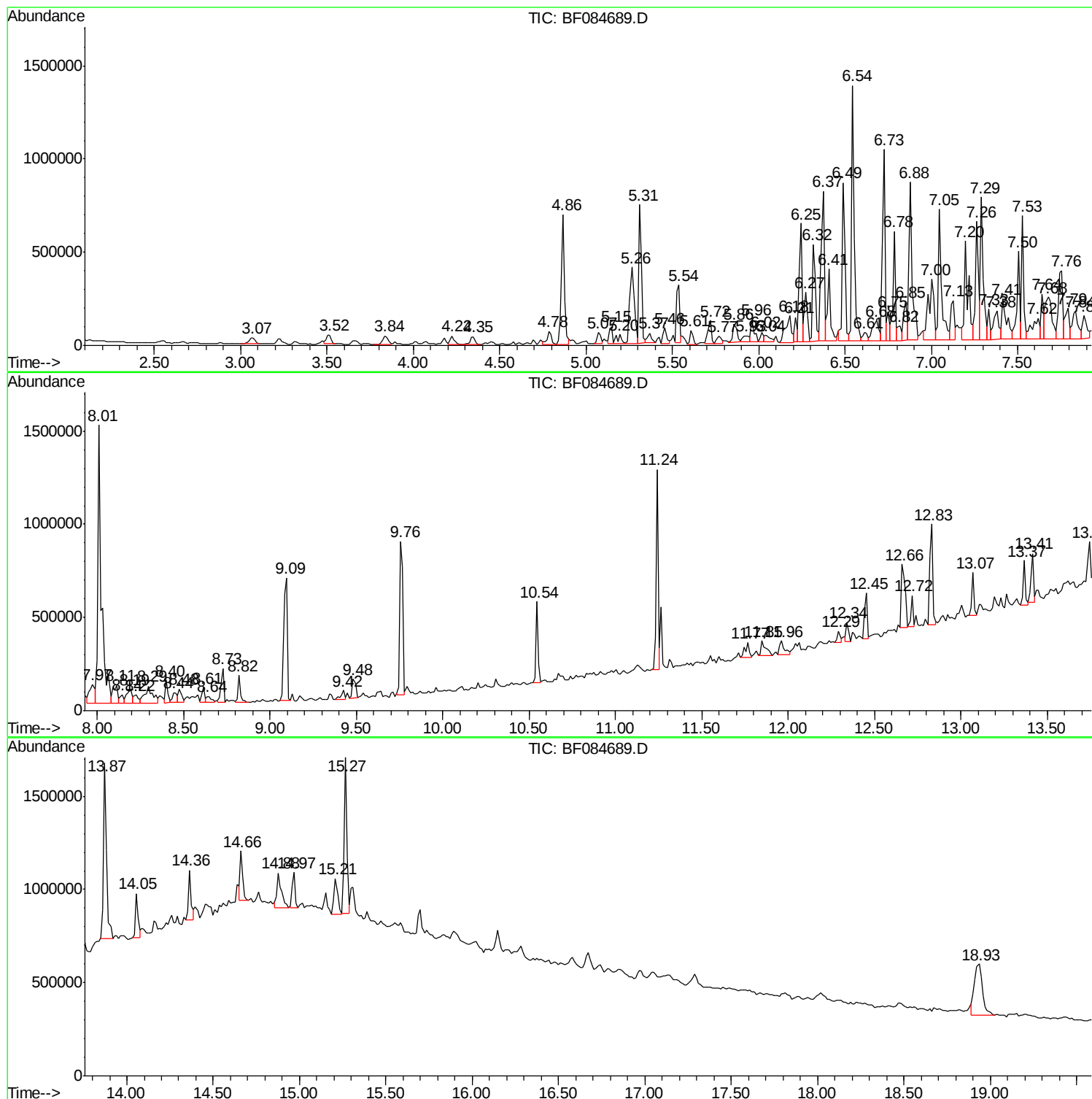
Sum of corrected areas: 39051282

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.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\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

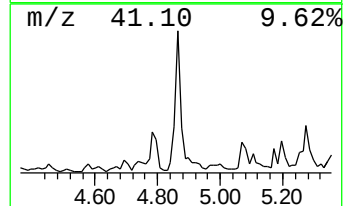
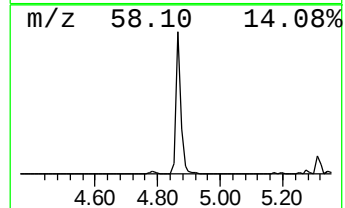
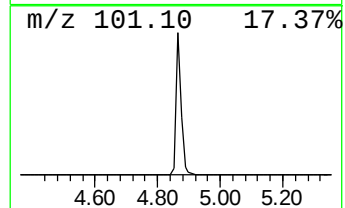
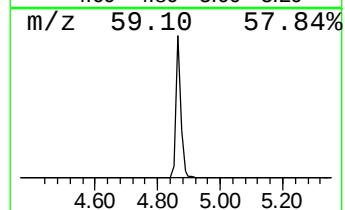
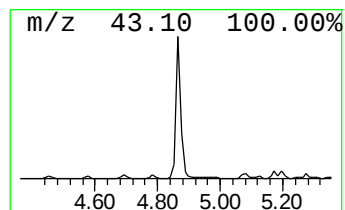
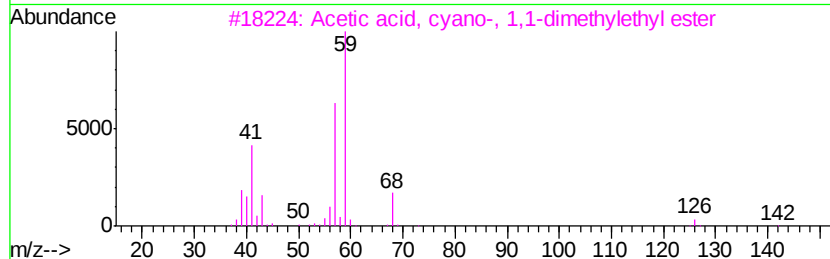
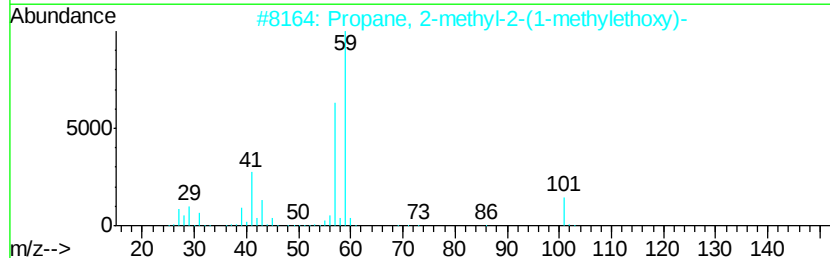
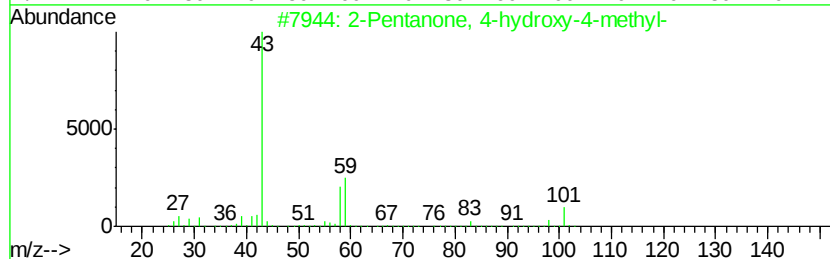
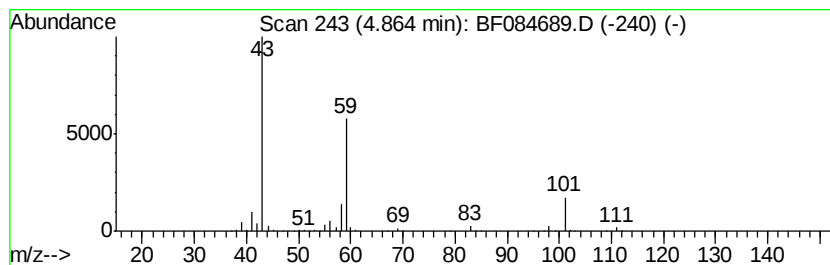
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	14.16 ng	795150	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	33
3		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	32
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

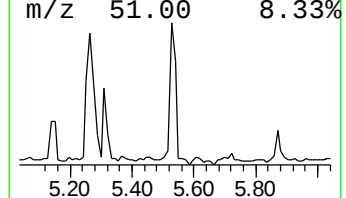
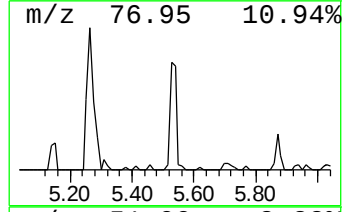
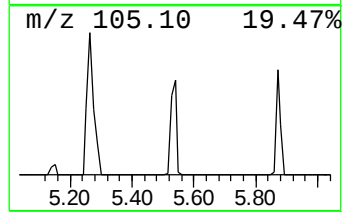
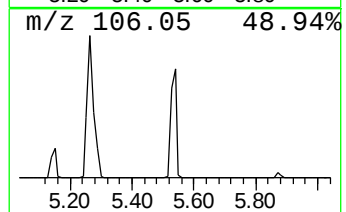
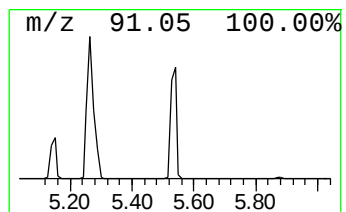
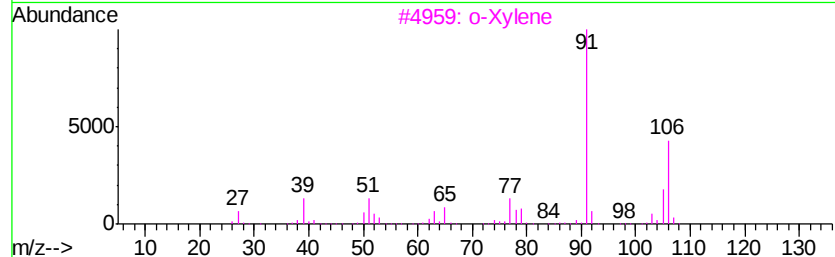
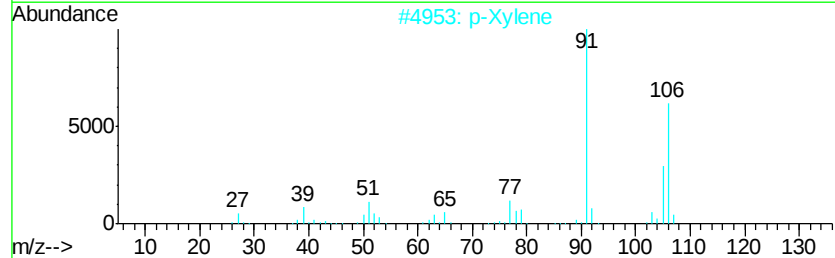
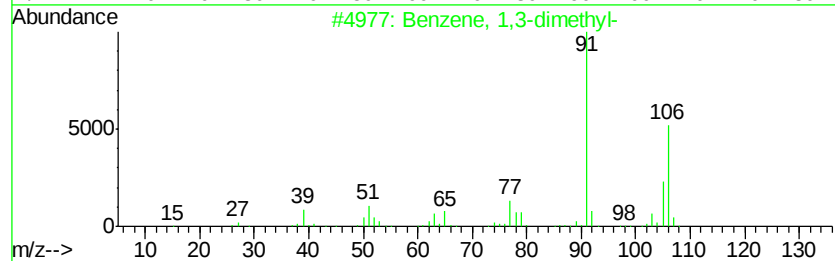
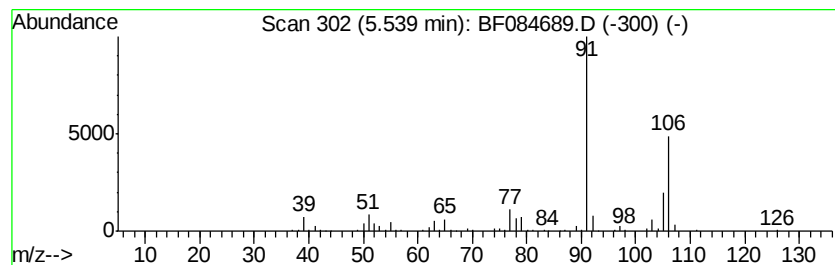
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	7.63 ng	428365	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2			p-Xylene	106	C8H10	000106-42-3	95
3			o-Xylene	106	C8H10	000095-47-6	94
4			Ethylbenzene	106	C8H10	000100-41-4	83
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

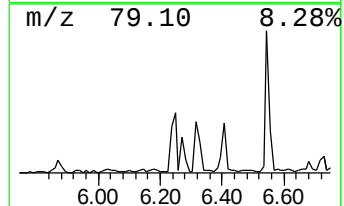
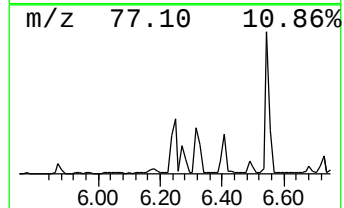
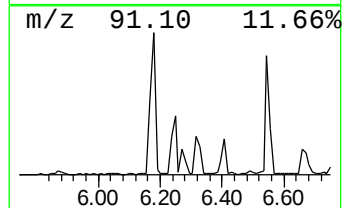
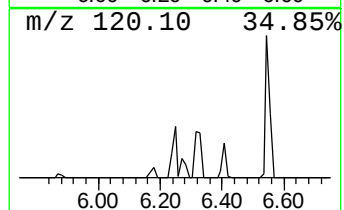
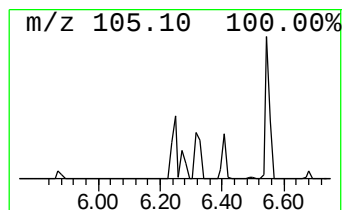
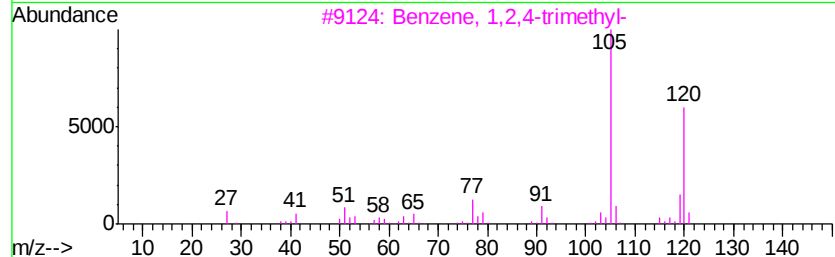
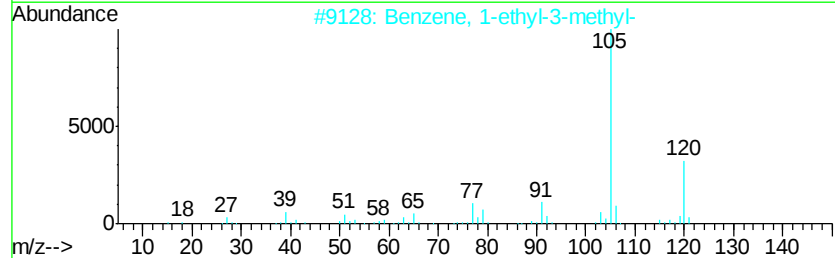
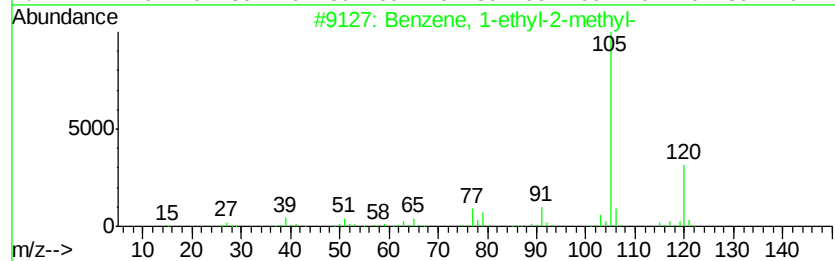
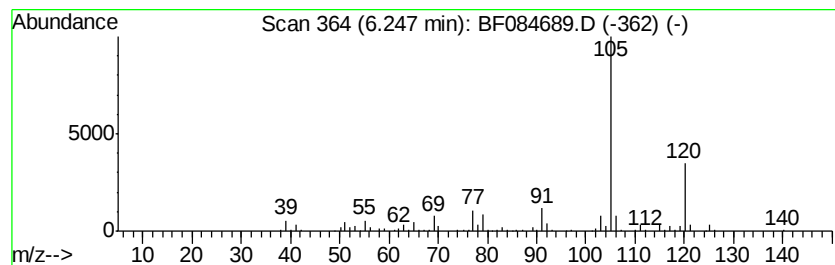
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	13.44 ng	754565	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

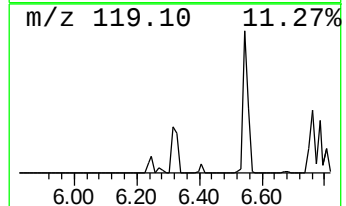
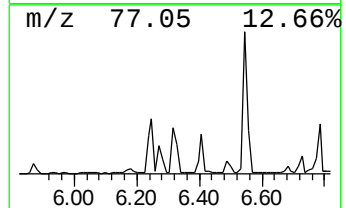
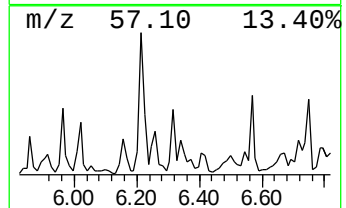
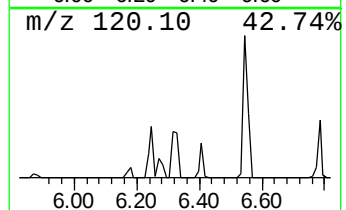
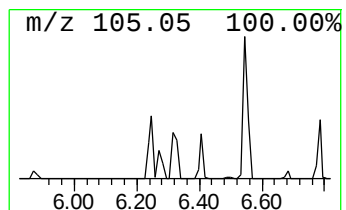
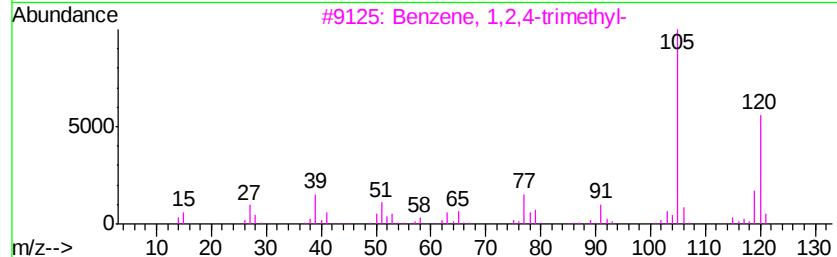
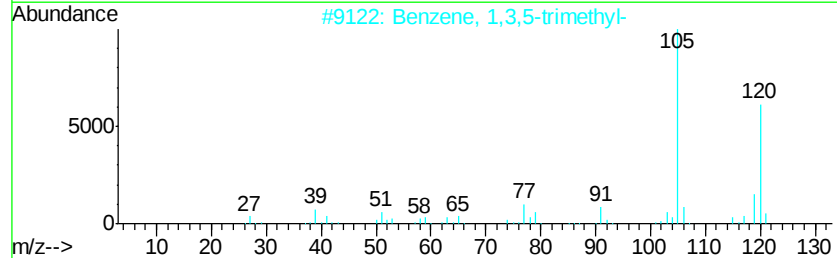
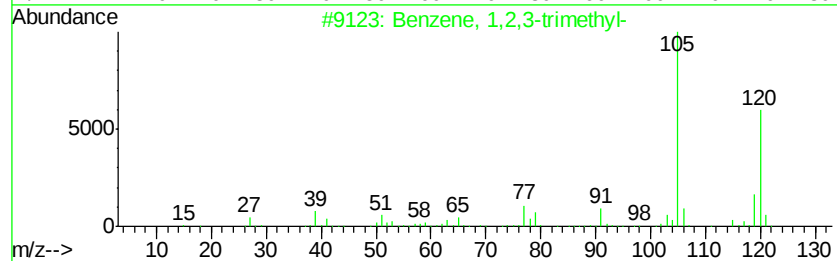
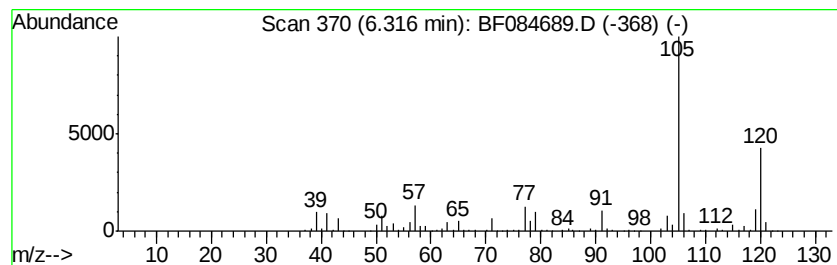
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	12.24 ng	687036	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

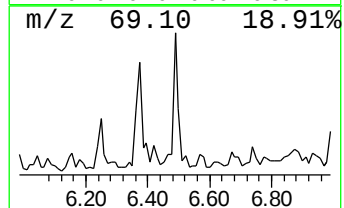
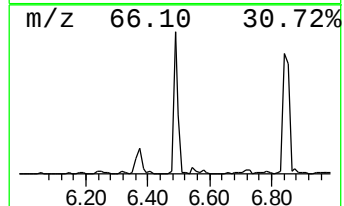
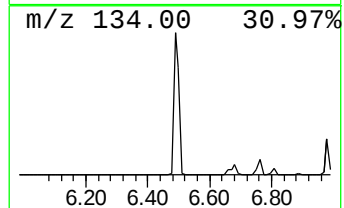
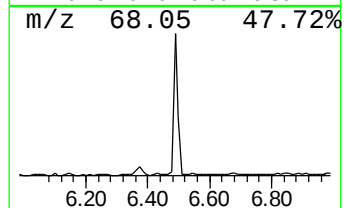
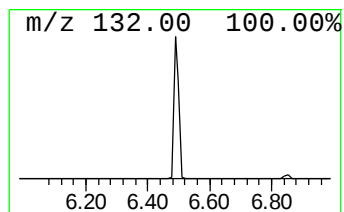
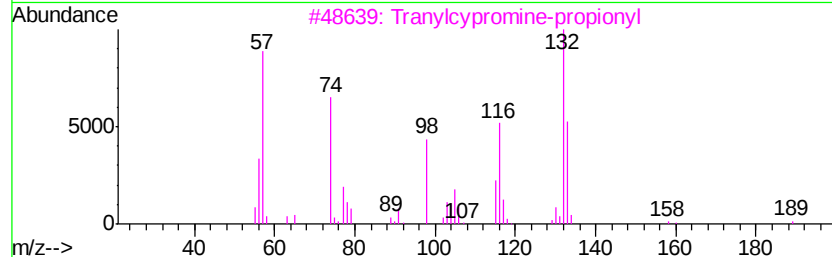
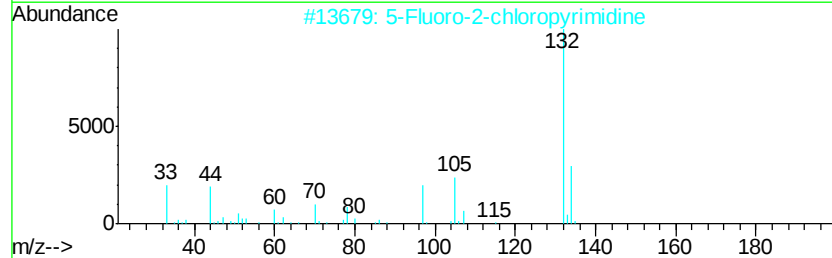
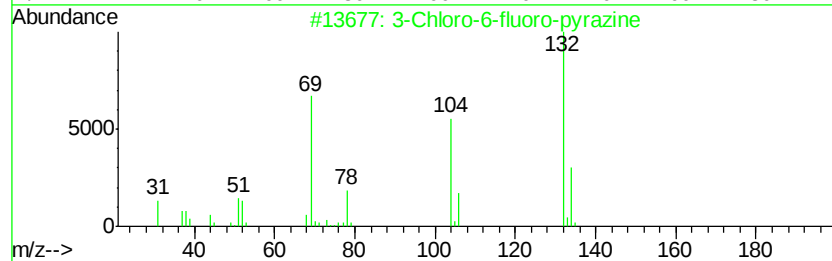
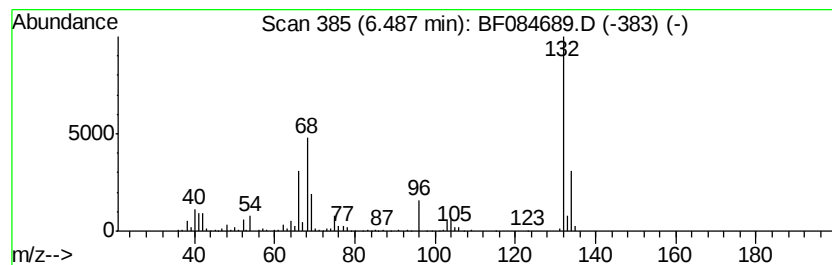
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	18.31 ng	1027700	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

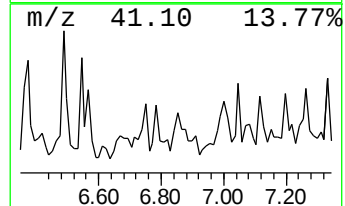
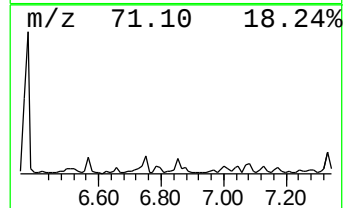
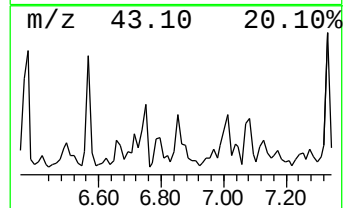
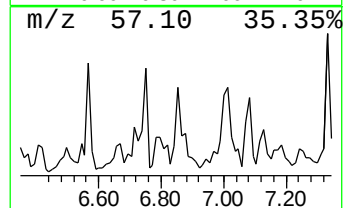
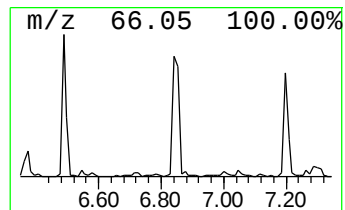
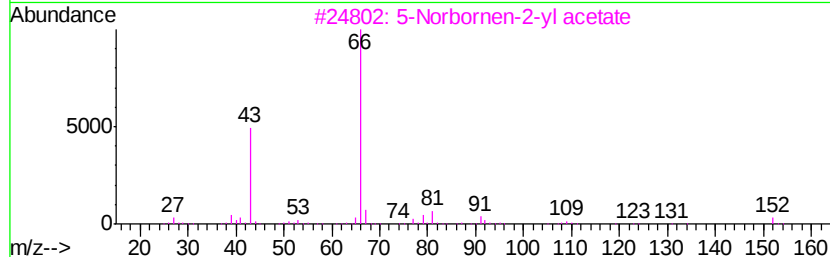
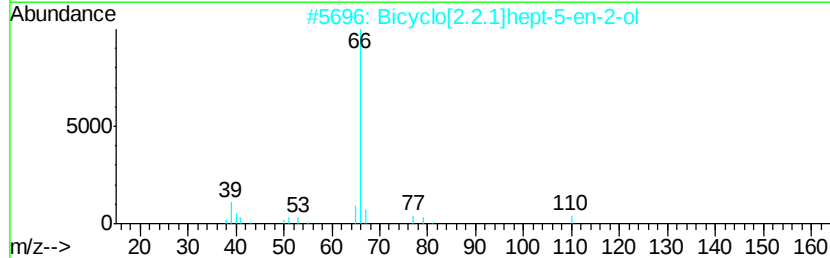
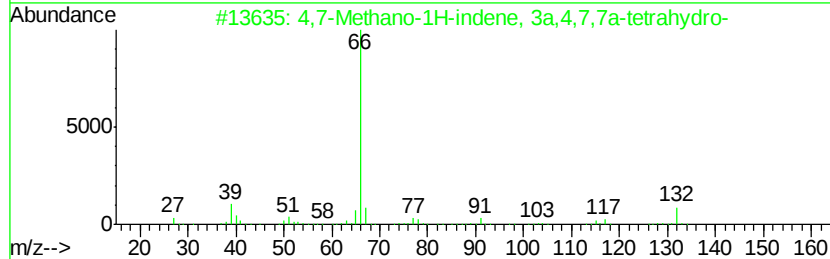
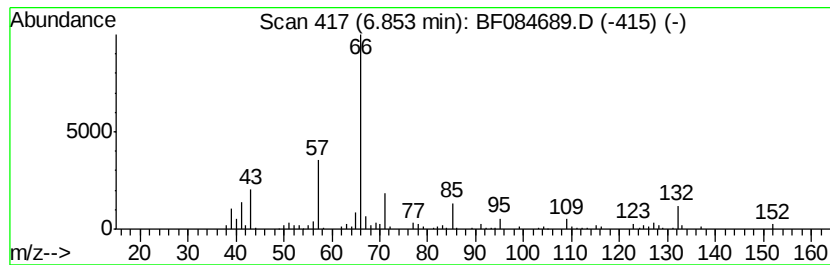
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4,7-Methano-1H-indene, 3a,4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	5.66 ng	318016	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	87
2		Bicyclo[2.2.1]hept-5-en-2-ol	110	C7H10O	013080-90-5	80
3		5-Norbornen-2-yl acetate	152	C9H12O2	006143-29-9	80
4		Bicyclo(2.2.1)hept-5-ene-2-carbo...	119	C8H9N	002888-90-6	72
5		1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

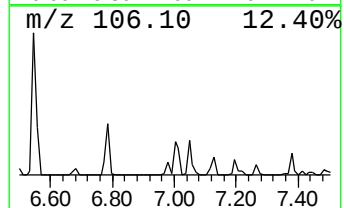
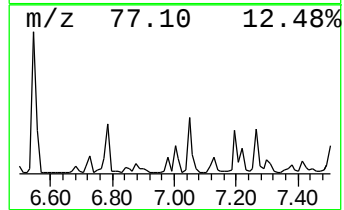
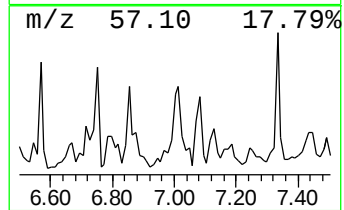
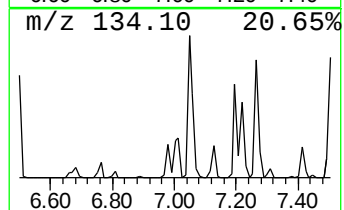
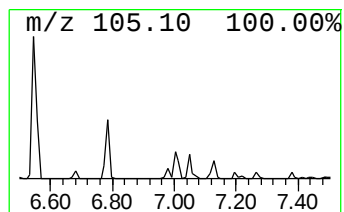
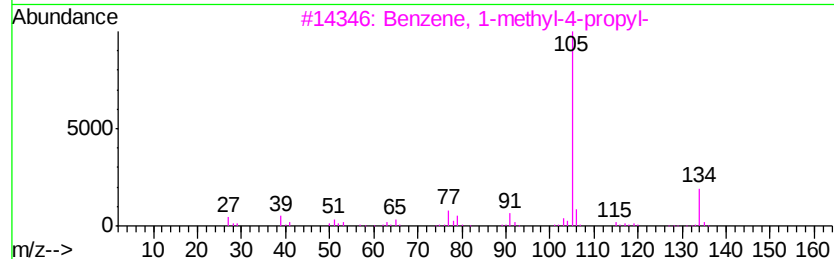
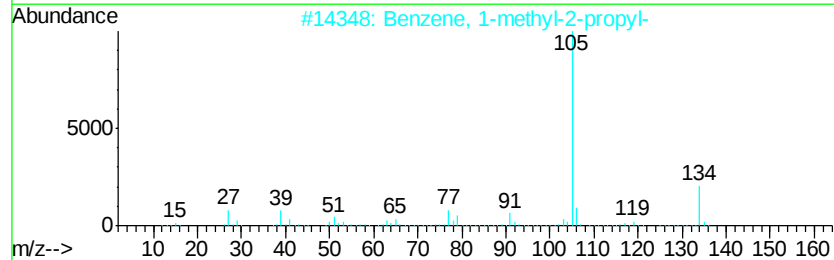
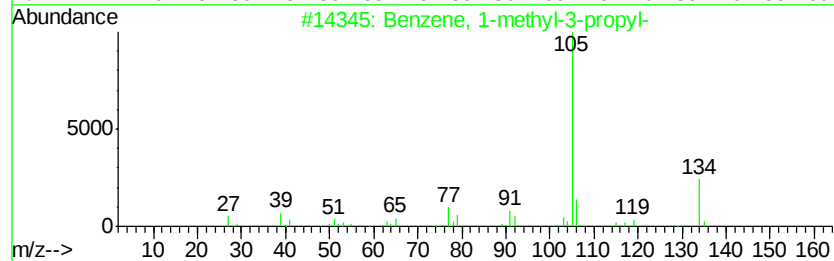
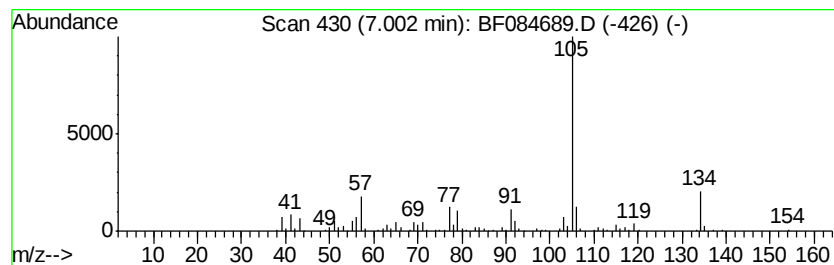
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	12.81 ng	719264	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5		2-Tolyloxirane	134	C9H10O	002783-26-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

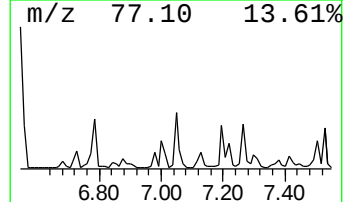
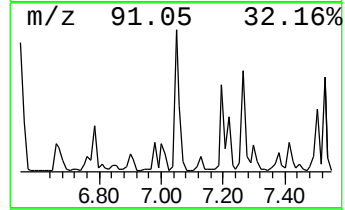
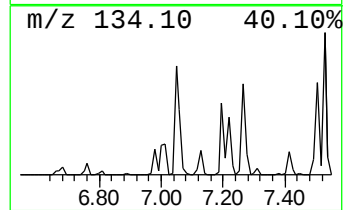
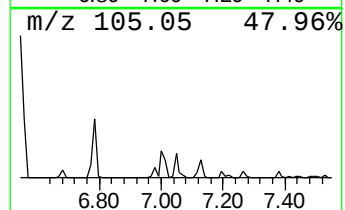
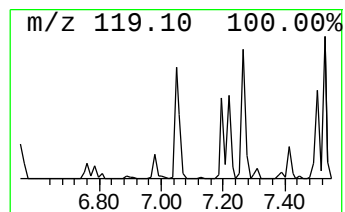
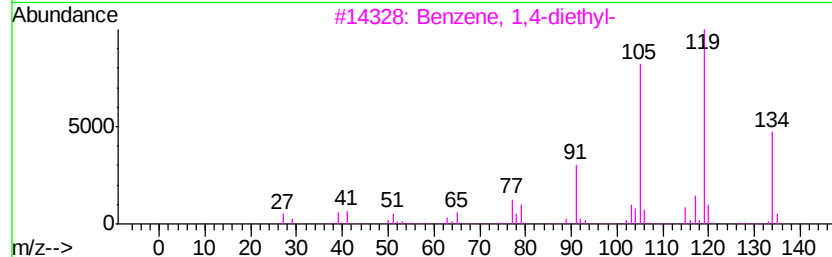
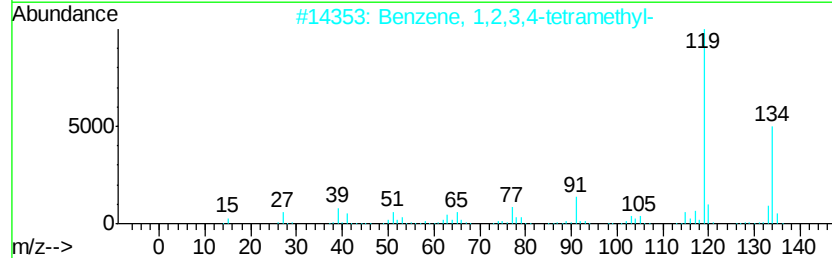
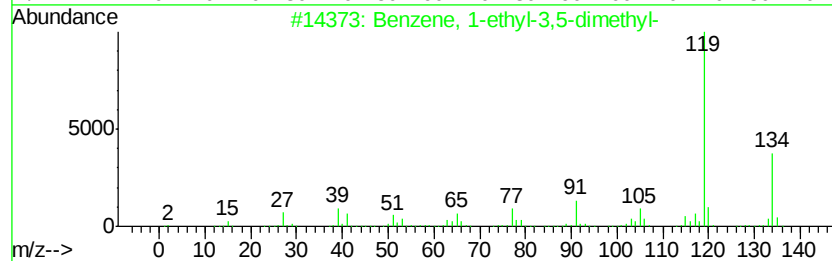
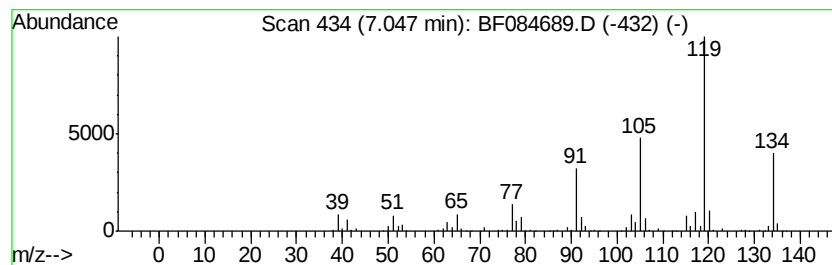
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	16.82 ng	944084	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

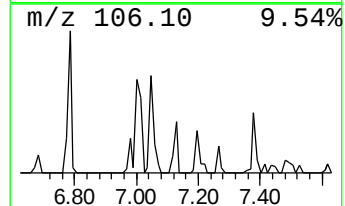
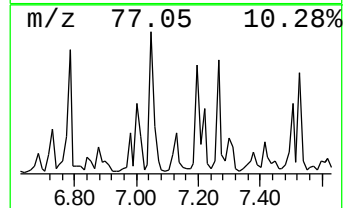
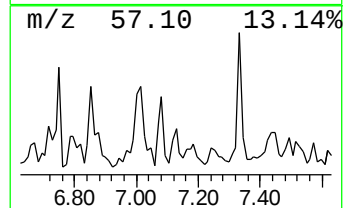
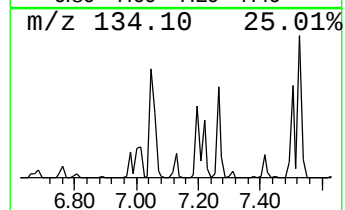
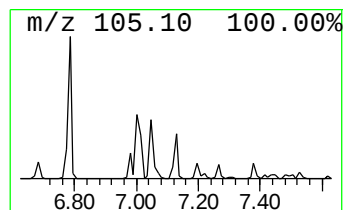
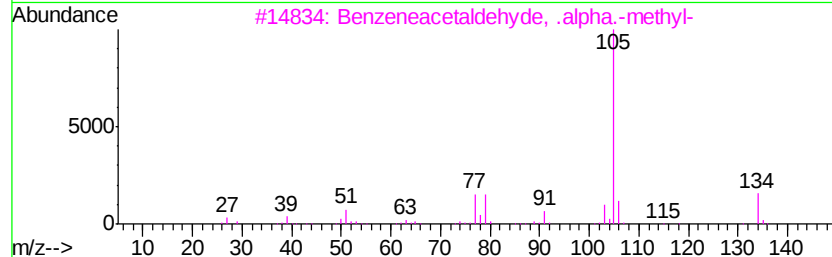
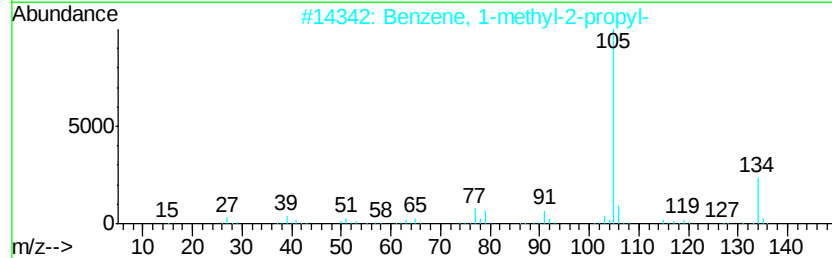
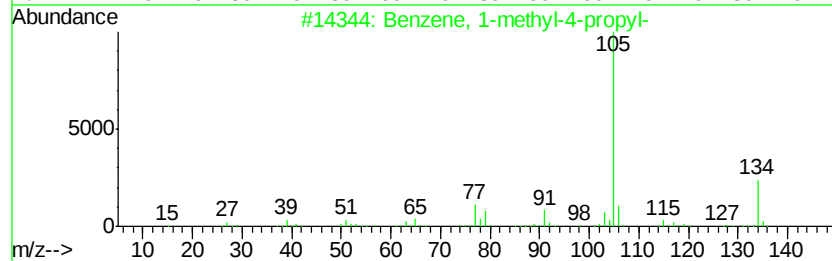
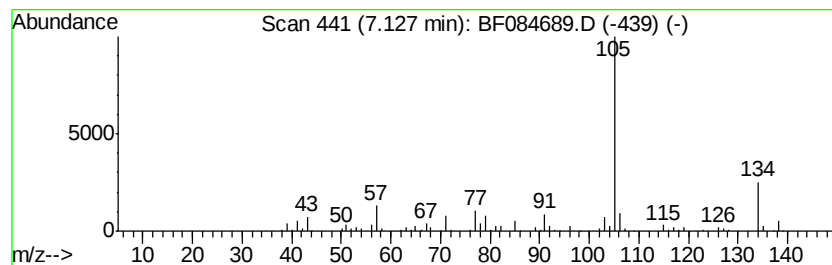
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	5.66 ng	317601	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

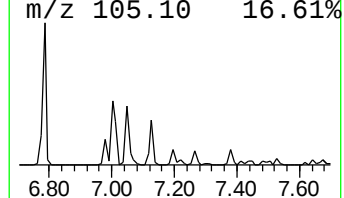
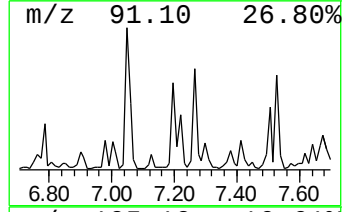
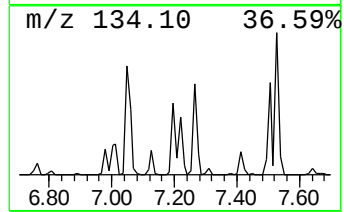
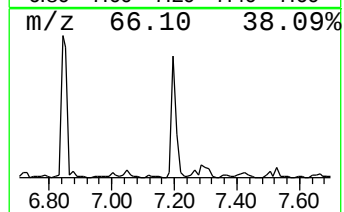
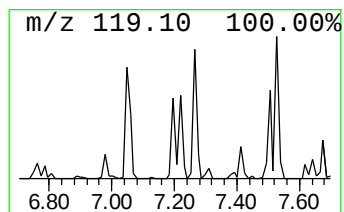
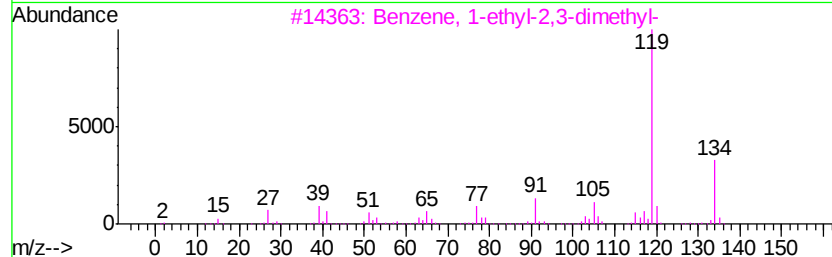
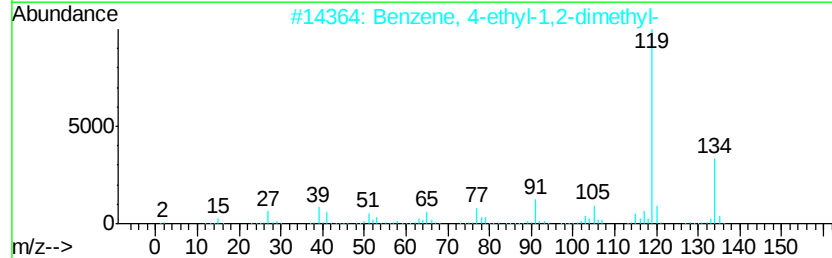
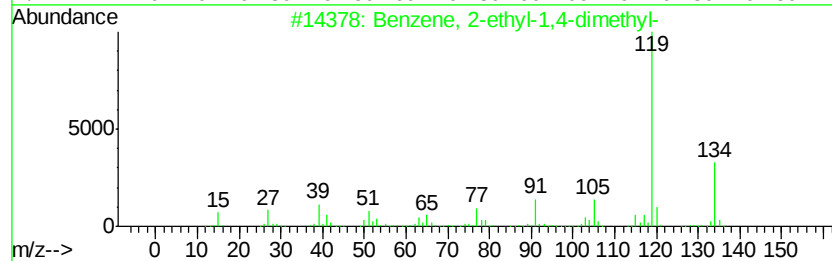
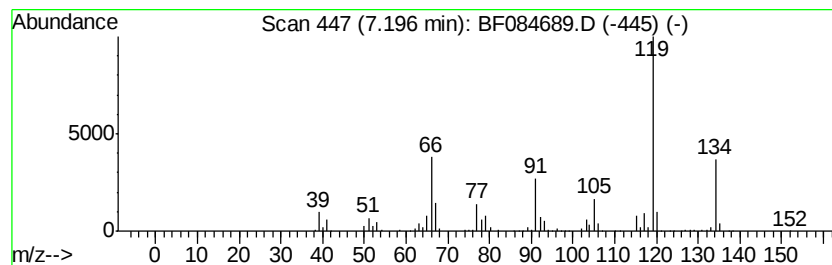
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	15.63 ng	877248	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

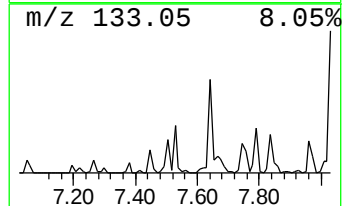
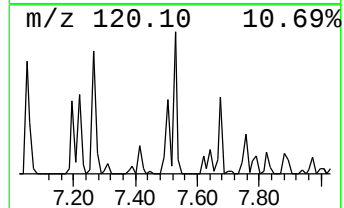
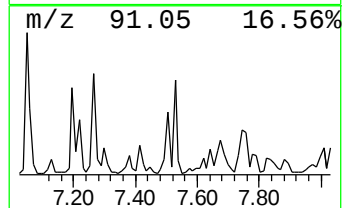
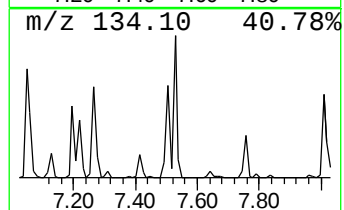
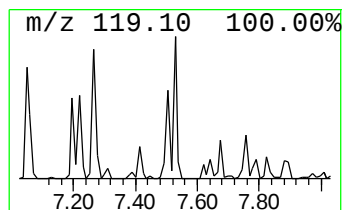
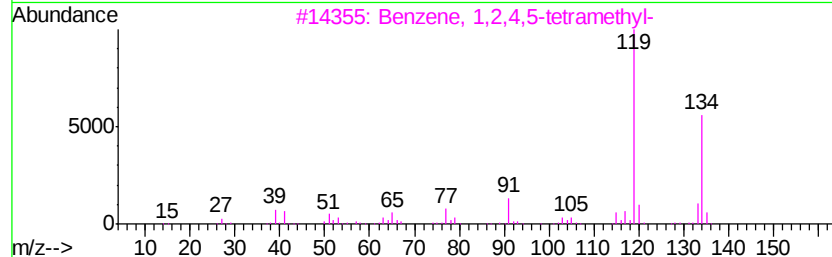
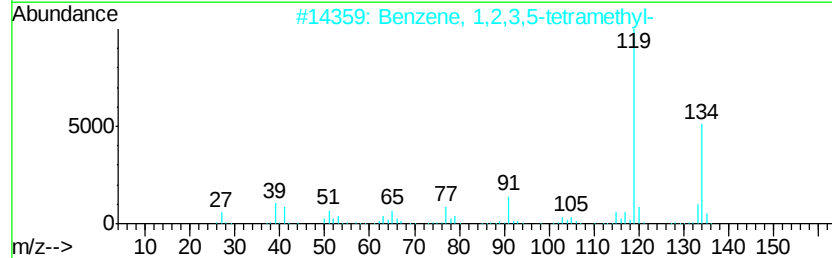
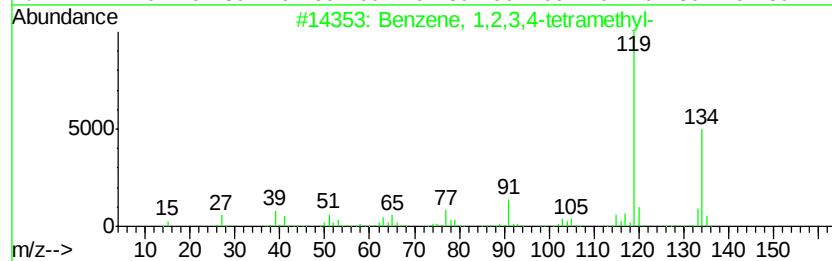
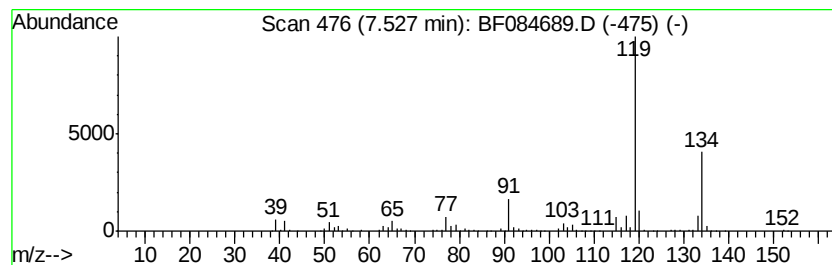
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	5.27 ng	585510	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

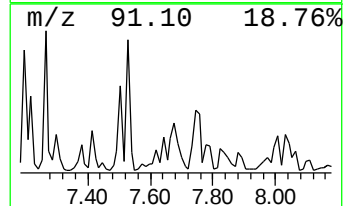
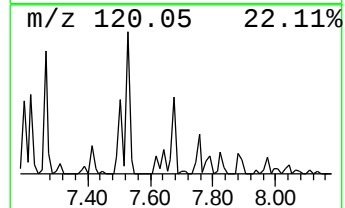
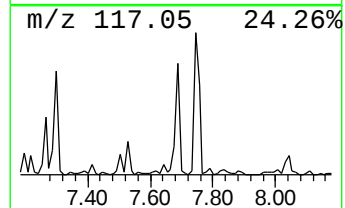
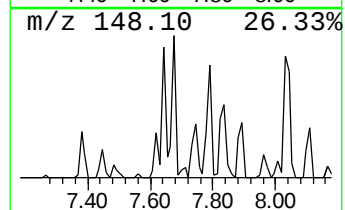
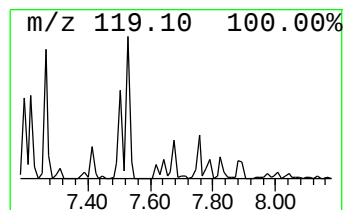
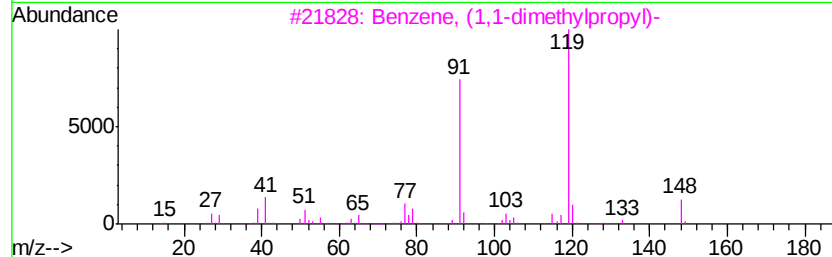
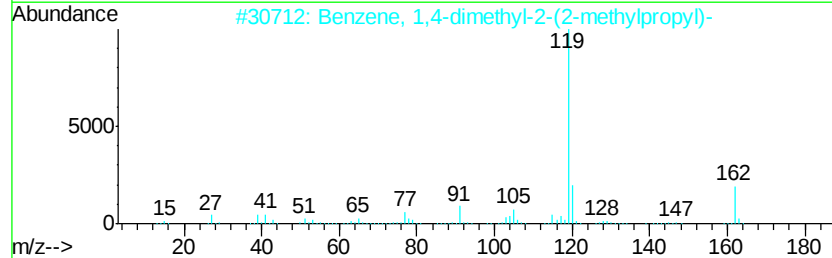
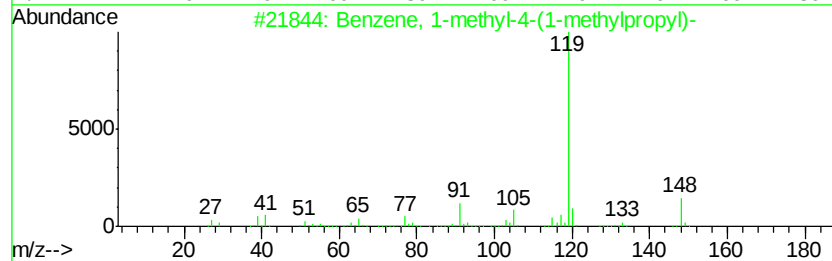
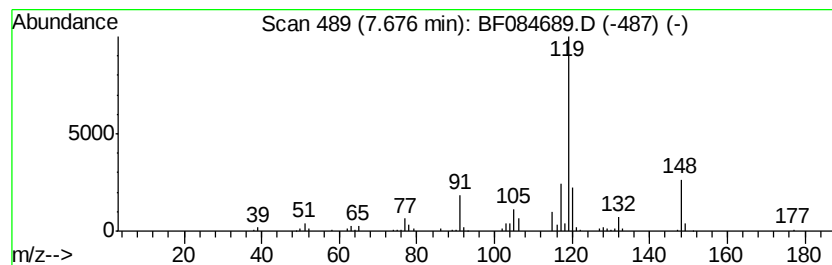
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	5.09 ng	565313	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	53
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

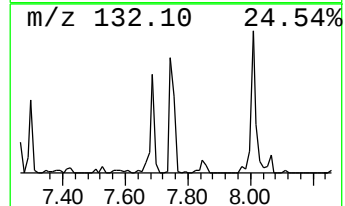
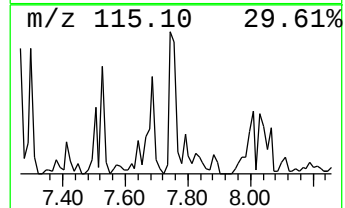
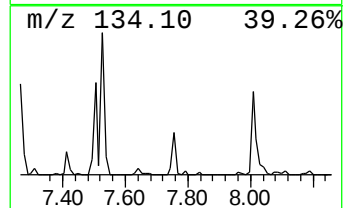
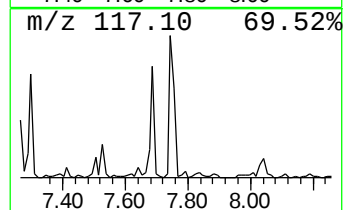
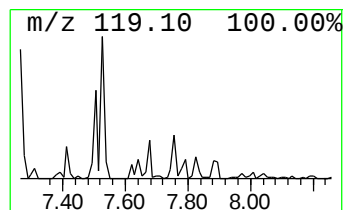
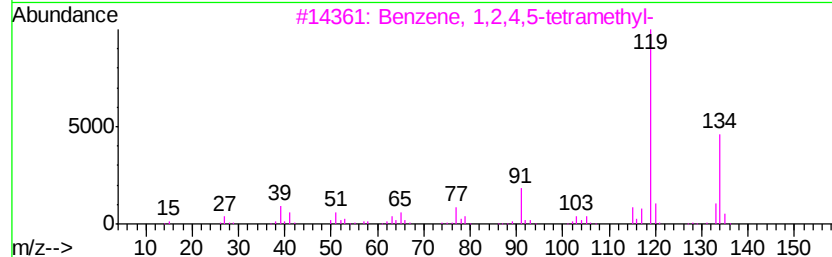
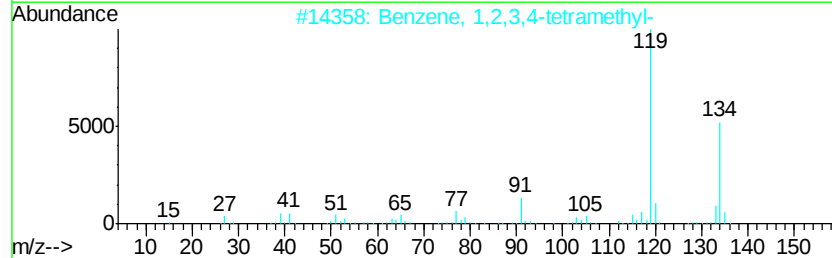
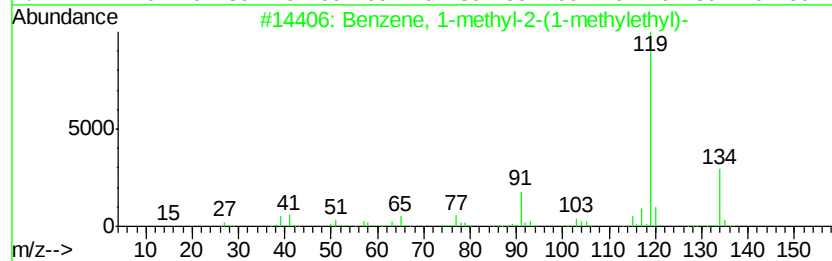
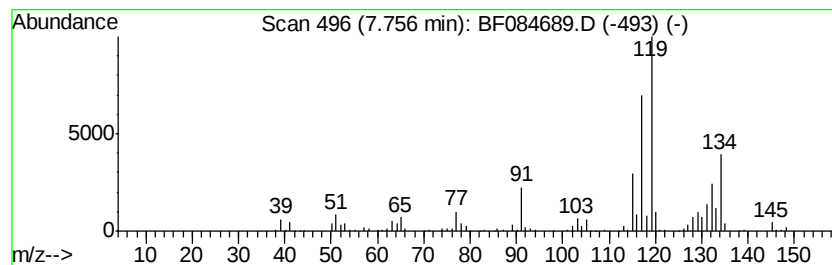
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-2-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	5.92 ng	656724	Napthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	55
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

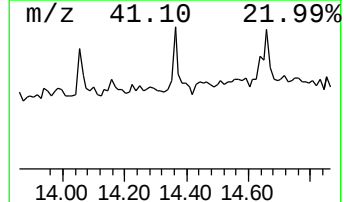
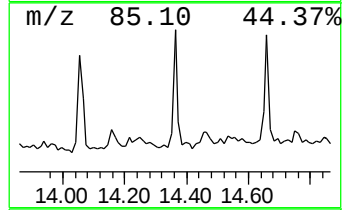
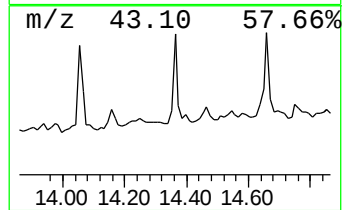
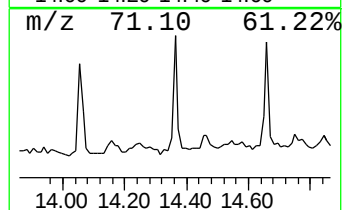
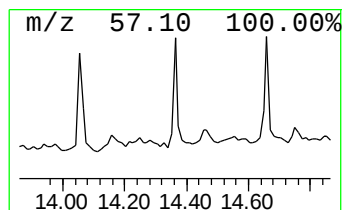
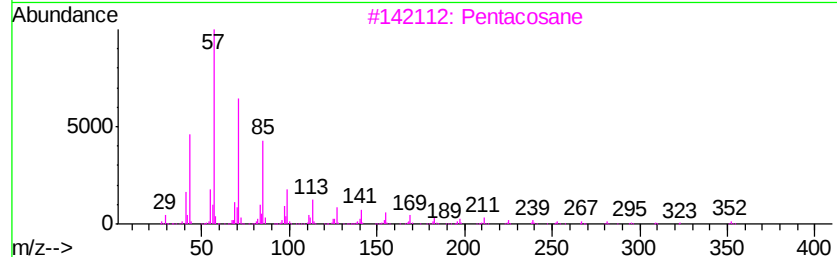
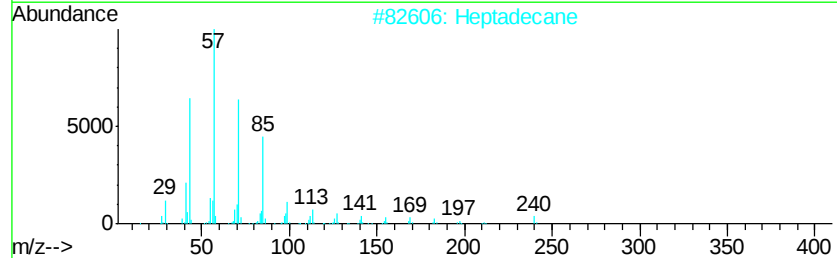
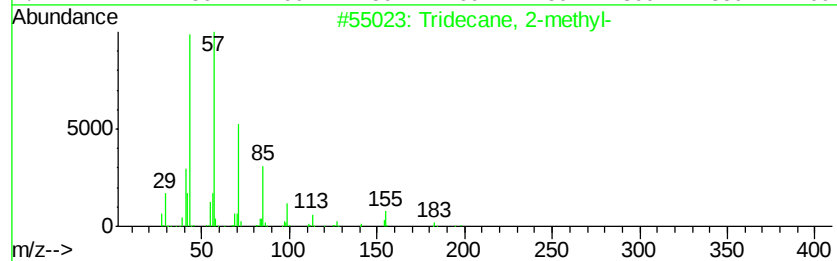
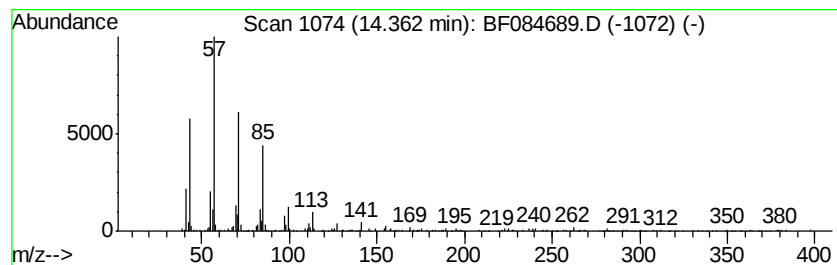
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.26 ng	309105	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Pentacosane	352	C25H52	000629-99-2	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Hexatriacontane	507	C36H74	000630-06-8	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

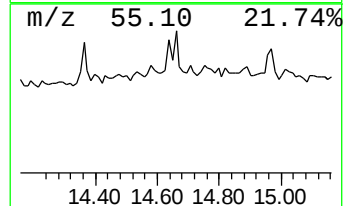
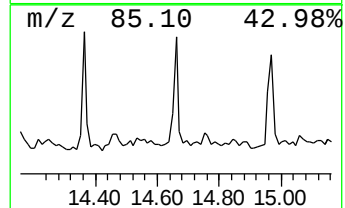
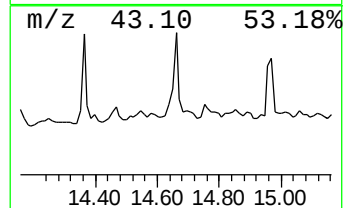
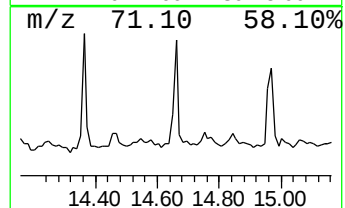
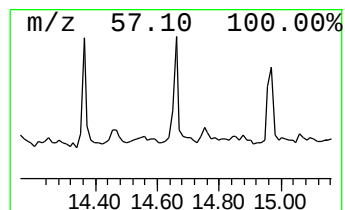
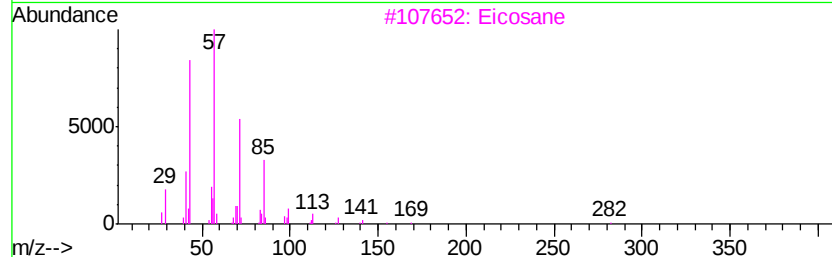
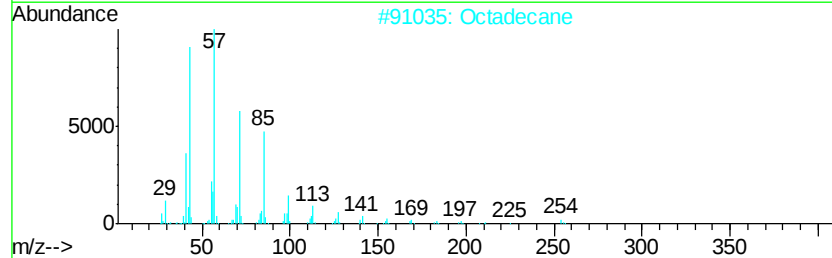
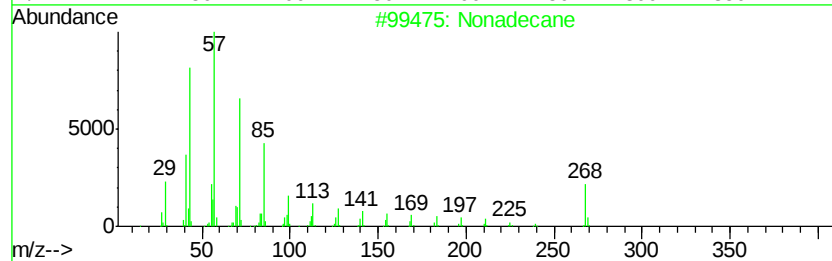
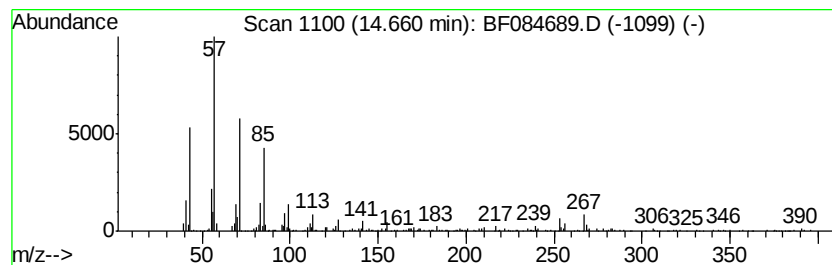
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	5.82 ng	281605	Perylene-d12	15.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	87
2	Octadecane		254	C18H38	000593-45-3	83
3	Eicosane		282	C20H42	000112-95-8	83
4	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	80
5	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084689.D
Acq On : 30 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1273-09 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

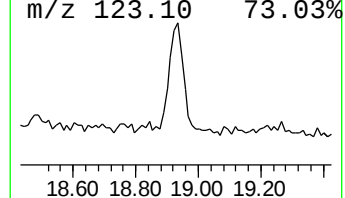
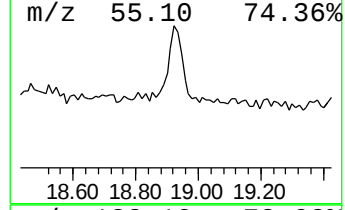
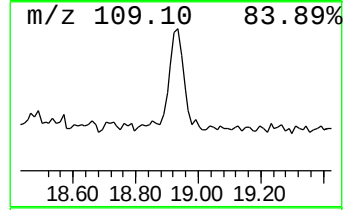
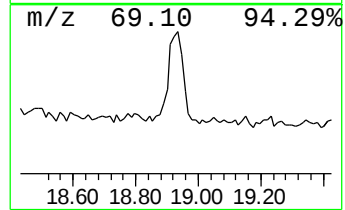
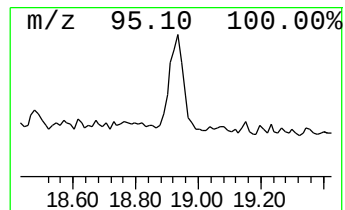
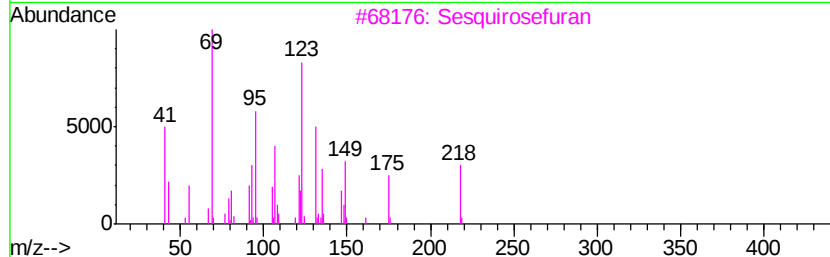
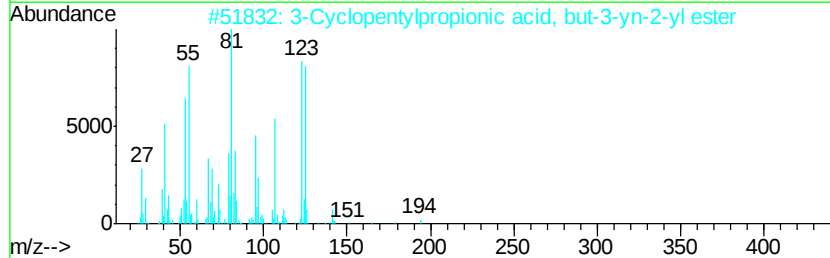
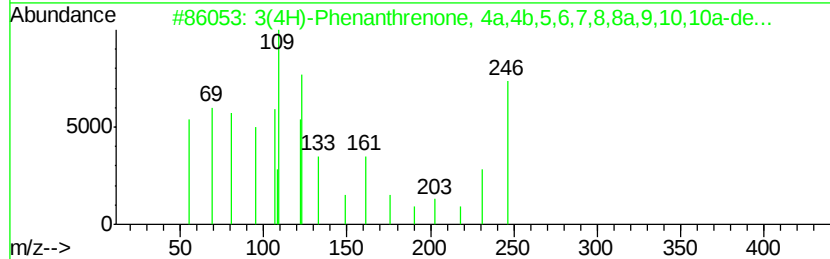
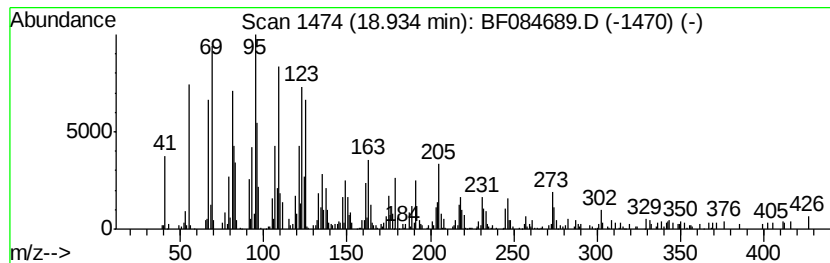
Instrument :
BNA_F
ClientSampleId :
SUP-B011(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3(4H)-Phenanthrenone, 4a,4b... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	18.18 ng	879072	Perylene-d12	15.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246 C17H26O	057684-12-5	64
2	3-Cyclopentylpropionic acid, but...	194 C12H18O2	1000292-46-4	47
3	Sesquirosefuran	218 C15H22O	039007-93-7	46
4	Cyclohexene, 1,5,5-trimethyl-6-a...	180 C12H20O	211563-96-1	43
5	1,4-Methanoazulen-9-one, decahyd...	220 C15H24O	000465-26-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084689.D
 Acq On : 30 Jan 2016 16:41
 Operator : SJ/IZ
 Sample : H1273-09 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B011(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.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...	4.86	14.2	ng	795150	1	6.73	1122830	20.0
Benzene, 1,3-dime...	5.54	7.6	ng	428365	1	6.73	1122830	20.0
Benzene, 1-ethyl-...	6.25	13.4	ng	754565	1	6.73	1122830	20.0
Benzene, 1,2,3-tr...	6.32	12.2	ng	687036	1	6.73	1122830	20.0
unknown6.49	6.49	18.3	ng	1027700	1	6.73	1122830	20.0
4,7-Methano-1H-in...	6.85	5.7	ng	318016	1	6.73	1122830	20.0
Benzene, 1-methyl...	7.00	12.8	ng	719264	1	6.73	1122830	20.0
Benzene, 1-ethyl-...	7.05	16.8	ng	944084	1	6.73	1122830	20.0
Benzene, 1-methyl...	7.13	5.7	ng	317601	1	6.73	1122830	20.0
Benzene, 2-ethyl-...	7.20	15.6	ng	877248	1	6.73	1122830	20.0
Benzene, 1,2,3,4-...	7.53	5.3	ng	585510	2	8.01	2220030	20.0
Benzene, 1-methyl...	7.68	5.1	ng	565313	2	8.01	2220030	20.0
Benzene, 1-methyl...	7.76	5.9	ng	656724	2	8.01	2220030	20.0
Tridecane, 2-methyl-	14.36	5.3	ng	309105	5	13.87	1174410	20.0
Nonadecane	14.66	5.8	ng	281605	6	15.27	966940	20.0
3(4H)-Phenanthren...	18.93	18.2	ng	879072	6	15.27	966940	20.0