

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084668.D
 Acq On : 30 Jan 2016 6:59
 Operator : SJ/IZ
 Sample : H1272-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)

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	4.190	181	184	190	rBV	431398	552218	11.94%	0.940%
2	4.887	241	245	248	rBV	2419277	3895333	84.20%	6.633%
3	5.321	281	283	286	rBV	4030366	3940824	85.18%	6.710%
4	5.390	286	289	291	rVB	84201	107500	2.32%	0.183%
5	5.721	316	318	321	rVB	193330	190367	4.11%	0.324%
6	5.984	339	341	343	rVB	346189	292988	6.33%	0.499%
7	6.373	372	375	377	rBV	4063035	4626283	100.00%	7.878%
8	6.487	383	385	388	rBV	3614914	3953444	85.46%	6.732%
9	6.716	403	405	408	rBV	807668	1040370	22.49%	1.772%
10	6.876	417	419	422	rBV	3243500	2910294	62.91%	4.956%
11	7.287	452	455	457	rBV	2491270	2403268	51.95%	4.092%
12	8.007	516	518	519	rBV	1740701	1570299	33.94%	2.674%
13	8.087	523	525	528	rVB	37582	47088	1.02%	0.080%
14	8.716	578	580	582	rBV	171046	191189	4.13%	0.326%
15	8.819	587	589	591	rVB	144234	117513	2.54%	0.200%
16	9.093	610	613	615	rVB	3043902	4123361	89.13%	7.021%
17	9.185	618	621	623	rBV2	78781	82954	1.79%	0.141%
18	9.345	631	635	637	rBV	43830	56938	1.23%	0.097%
19	9.425	639	642	643	rBV	58249	82228	1.78%	0.140%
20	9.482	645	647	649	rVV	572967	507249	10.96%	0.864%
21	9.539	649	652	655	rVB3	30538	57237	1.24%	0.097%
22	9.699	665	666	669	rBV	81333	98020	2.12%	0.167%
23	9.756	669	671	673	rVV	1700741	1627803	35.19%	2.772%
24	9.790	673	674	676	rVB	493305	363508	7.86%	0.619%
25	9.916	683	685	687	rBV2	37502	57931	1.25%	0.099%
26	9.962	687	689	691	rVB	391463	321466	6.95%	0.547%
27	10.202	708	710	712	rVB	186906	142207	3.07%	0.242%
28	10.305	717	719	721	rBV	544322	457074	9.88%	0.778%
29	10.419	727	729	732	rBV2	45347	55188	1.19%	0.094%
30	10.465	732	733	735	rVB2	83780	74790	1.62%	0.127%
31	10.545	737	740	743	rBV	3206769	3020361	65.29%	5.143%
32	10.671	750	751	755	rBV	165419	202110	4.37%	0.344%
33	10.853	763	767	772	rBV3	57295	157212	3.40%	0.268%
34	11.002	775	780	782	rVV5	34613	77050	1.67%	0.131%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084668.D
 Acq On : 30 Jan 2016 6:59
 Operator : SJ/IZ
 Sample : H1272-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)

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	11.128	786	791	796	rBV3	147180	348968	7.54%	0.594%
36	11.242	798	801	802	rBV	1605566	2066570	44.67%	3.519%
37	11.265	802	803	805	rVV	2638349	1876321	40.56%	3.195%
38	11.311	805	807	809	rVV	711533	612917	13.25%	1.044%
39	11.345	809	810	813	rVB	57075	48672	1.05%	0.083%
40	11.471	819	821	823	rVB	333761	258753	5.59%	0.441%
41	11.539	825	827	829	rBV2	44157	65764	1.42%	0.112%
42	11.734	842	844	846	rBV	146446	209308	4.52%	0.356%
43	11.768	846	847	850	rVV	290482	276085	5.97%	0.470%
44	11.814	850	851	852	rVV	122909	94513	2.04%	0.161%
45	11.848	852	854	859	rVB2	365662	466499	10.08%	0.794%
46	12.031	868	870	874	rVB	145238	175027	3.78%	0.298%
47	12.282	890	892	894	rBV	66464	92532	2.00%	0.158%
48	12.328	894	896	898	rVV2	44207	79755	1.72%	0.136%
49	12.374	898	900	904	rVB3	41482	80298	1.74%	0.137%
50	12.442	904	906	909	rBV	1515102	1590071	34.37%	2.708%
51	12.511	909	912	916	rVB2	31120	62556	1.35%	0.107%
52	12.591	916	919	923	rBV	69147	110067	2.38%	0.187%
53	12.671	923	926	929	rBV	1487677	1722810	37.24%	2.934%
54	12.728	929	931	934	rVB2	67311	110563	2.39%	0.188%
55	12.831	937	940	942	rVB	2575856	3554228	76.83%	6.052%
56	12.899	942	946	947	rBV2	64114	103390	2.23%	0.176%
57	13.002	951	955	957	rVB	256725	306926	6.63%	0.523%
58	13.071	959	961	962	rBV	237300	222090	4.80%	0.378%
59	13.105	962	964	965	rBV	120160	125060	2.70%	0.213%
60	13.197	970	972	973	rBV	62775	60207	1.30%	0.103%
61	13.231	973	975	978	rVB2	39448	49666	1.07%	0.085%
62	13.357	984	986	988	rBV	84702	108370	2.34%	0.185%
63	13.425	991	992	995	rVB	42741	49204	1.06%	0.084%
64	13.619	1006	1009	1010	rBV	84783	100364	2.17%	0.171%
65	13.642	1010	1011	1012	rBV	73241	65784	1.42%	0.112%
66	13.768	1019	1022	1027	rBV3	120412	377534	8.16%	0.643%
67	13.871	1027	1031	1035	rVV3	1469266	2478763	53.58%	4.221%
68	13.974	1036	1040	1041	rBV	97361	99477	2.15%	0.169%
69	14.054	1043	1047	1050	rBV5	33624	93930	2.03%	0.160%
70	14.248	1062	1064	1066	rVV	53814	87519	1.89%	0.149%
71	14.351	1069	1073	1074	rBV2	54964	81799	1.77%	0.139%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	14.454	1079	1082	1085	rVB4	28028	58053	1.25%	0.099%
73	14.717	1102	1105	1107	rBV2	152830	165101	3.57%	0.281%
74	14.865	1116	1118	1123	rBV	339326	609732	13.18%	1.038%
75	14.968	1124	1127	1129	rVB2	57915	82001	1.77%	0.140%
76	15.140	1140	1142	1145	rVB	185398	204290	4.42%	0.348%
77	15.197	1145	1147	1149	rBV	235990	294023	6.36%	0.501%
78	15.254	1149	1152	1154	rBV	772404	926654	20.03%	1.578%
79	15.437	1163	1168	1172	rVB4	20372	67540	1.46%	0.115%
80	16.557	1263	1266	1270	rVB2	102589	193357	4.18%	0.329%
81	16.945	1296	1300	1308	rBV	88994	201072	4.35%	0.342%
82	17.163	1316	1319	1325	rVB2	26883	76817	1.66%	0.131%
83	18.946	1471	1475	1482	rVB	24713	79796	1.72%	0.136%
84	19.106	1484	1489	1493	rBV2	16181	53133	1.15%	0.090%

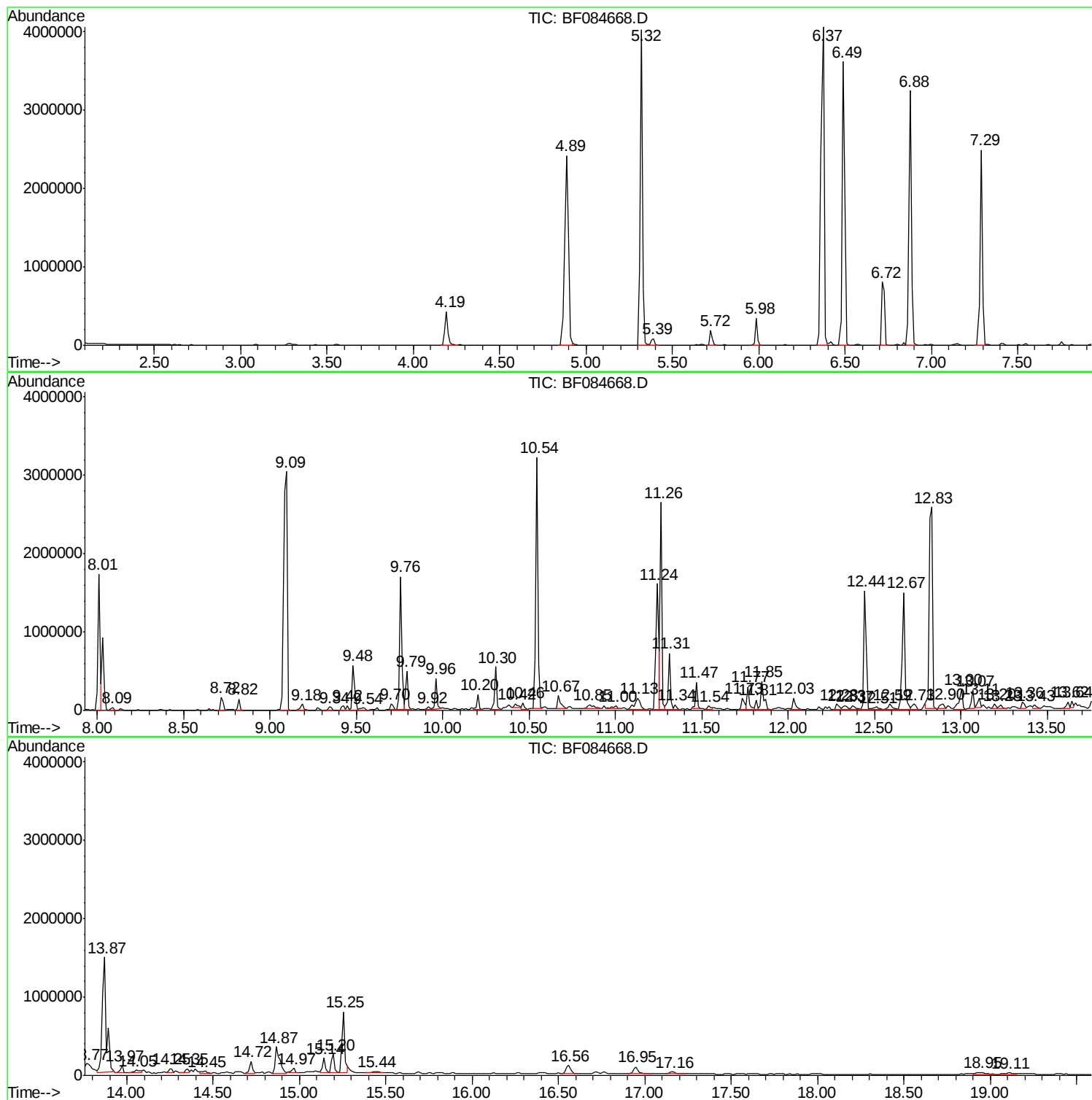
Sum of corrected areas: 58727594

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

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 : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

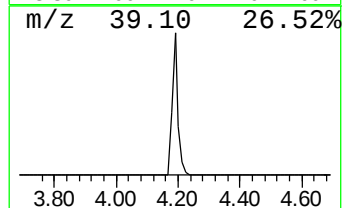
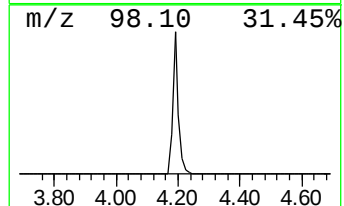
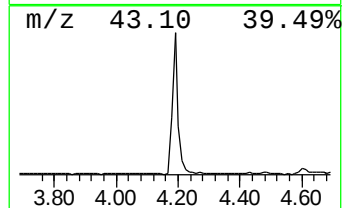
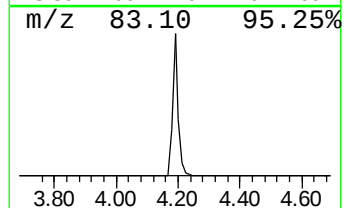
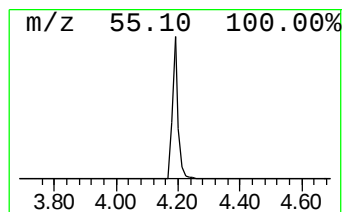
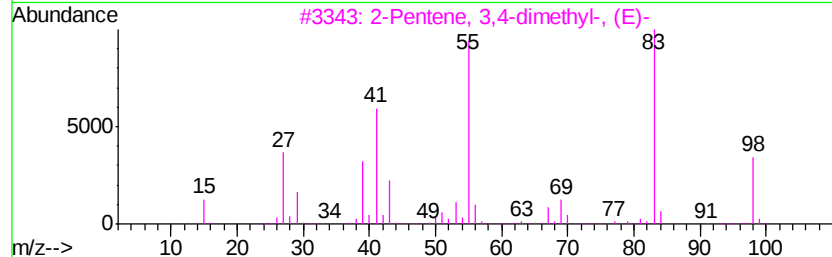
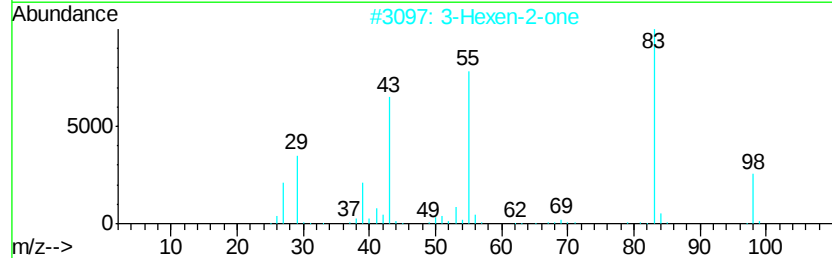
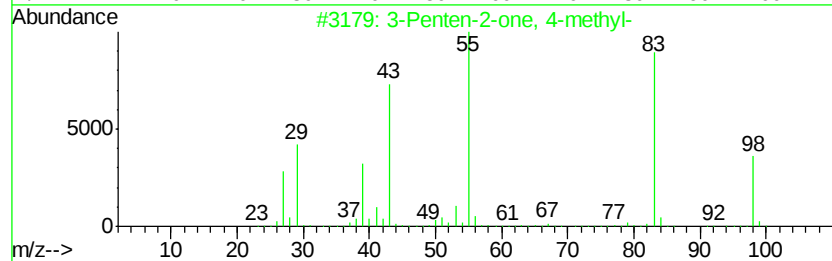
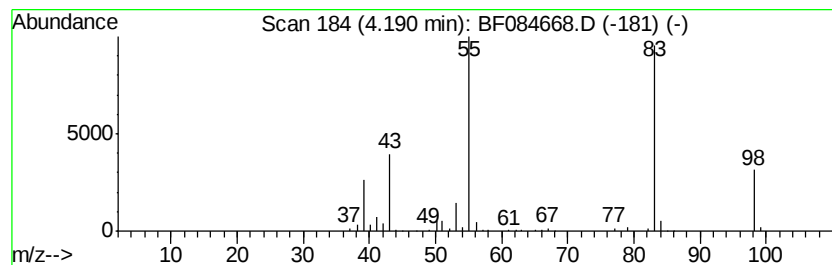
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	10.62 ng	552218	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

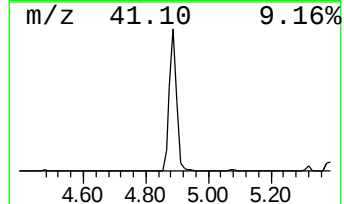
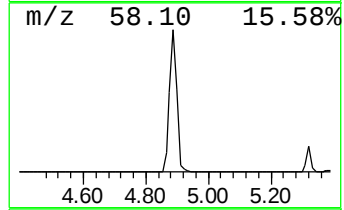
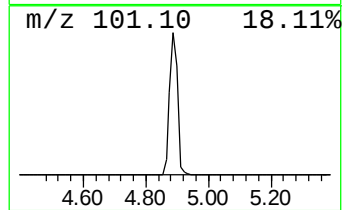
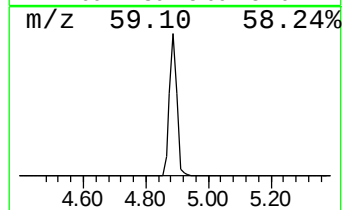
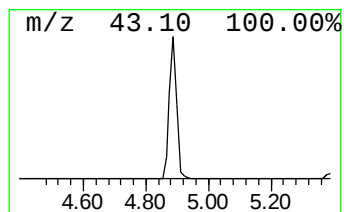
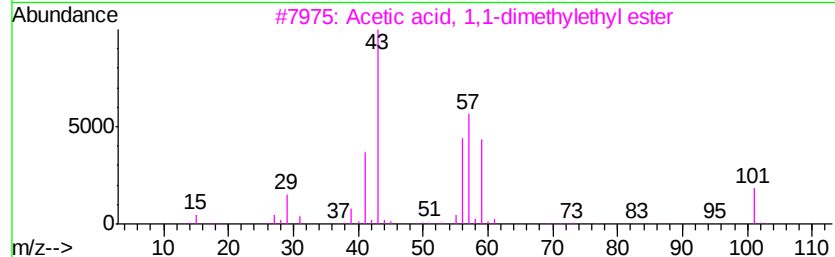
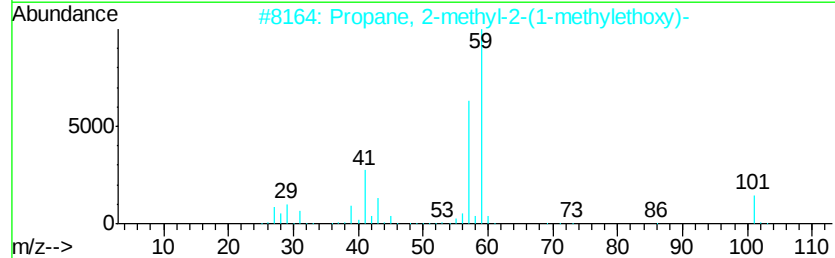
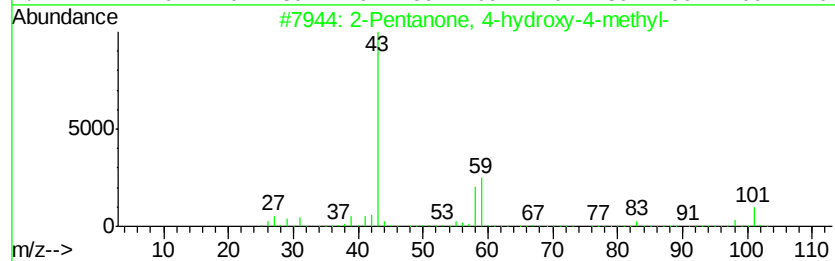
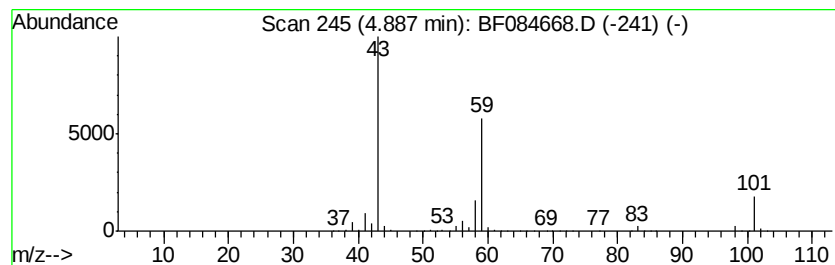
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	74.88 ng	3895330	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-methyleth...	116	C7H16O	017348-59-3	42
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

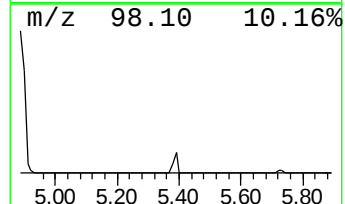
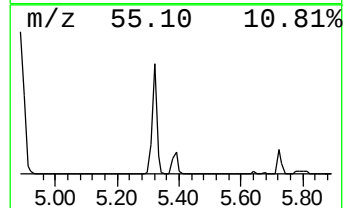
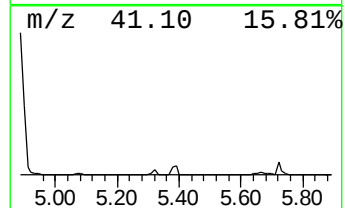
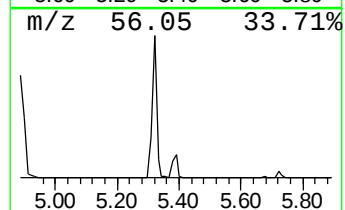
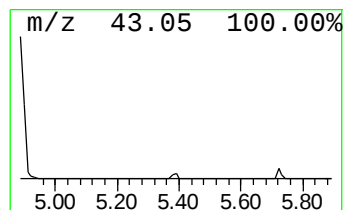
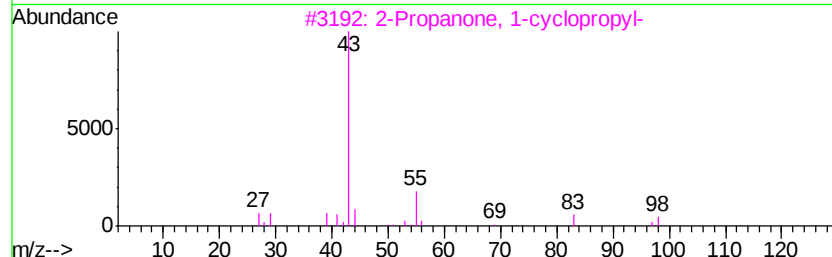
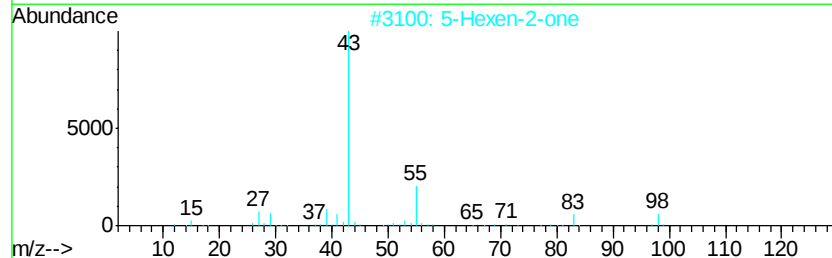
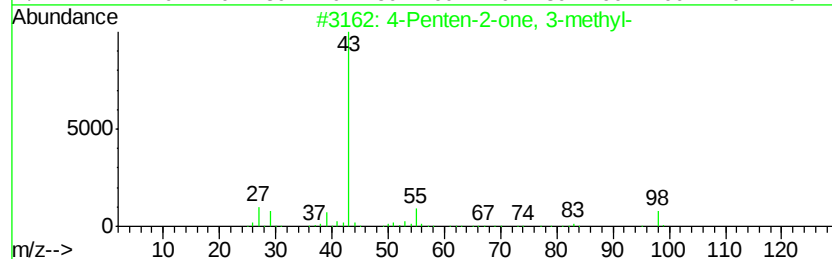
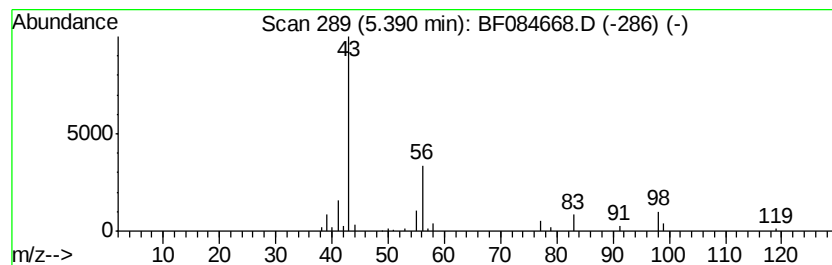
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown5.39 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	2.07 ng	107500	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	25
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4		Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	9
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

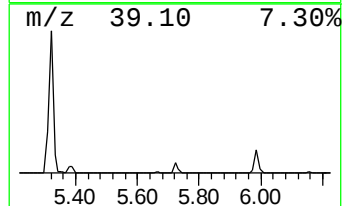
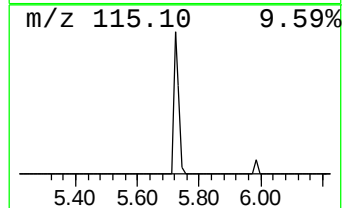
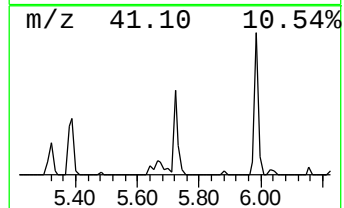
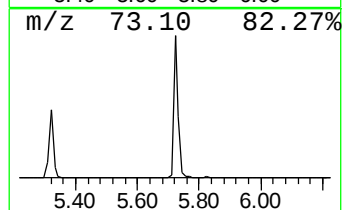
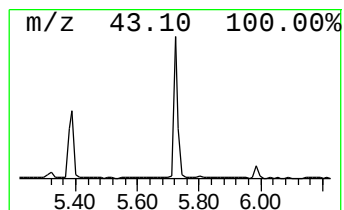
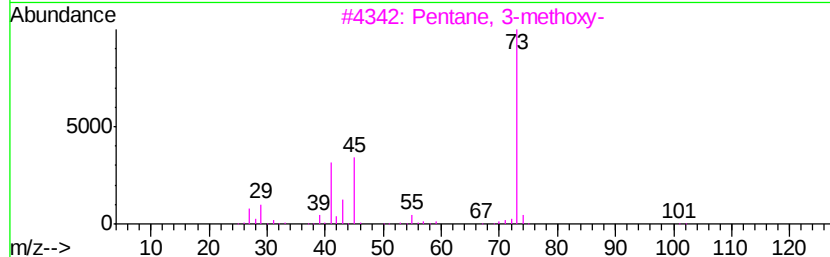
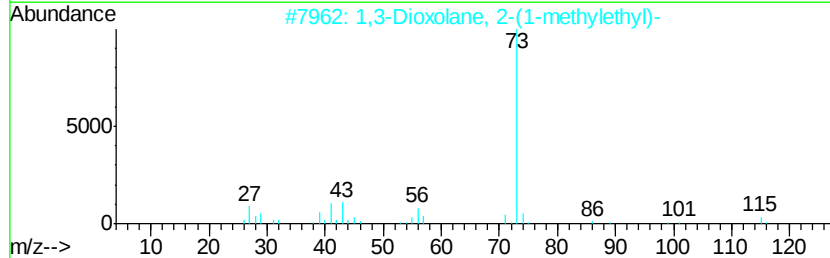
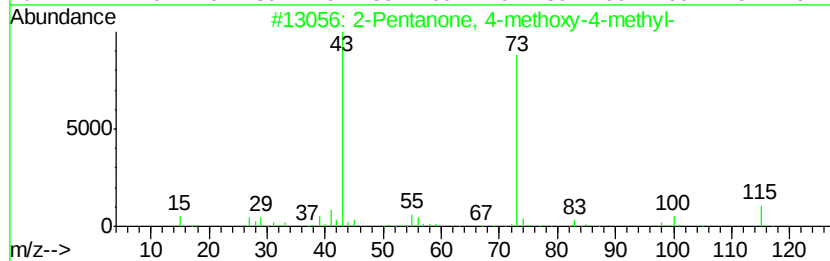
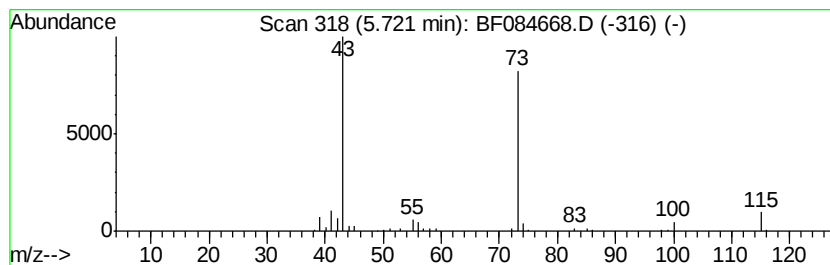
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	3.66 ng	190367	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2			1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10
5			1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

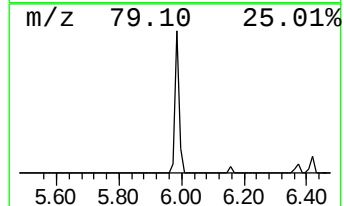
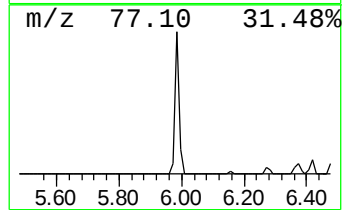
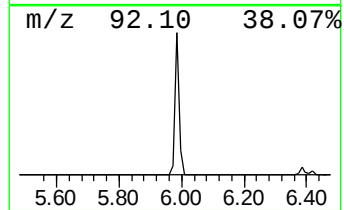
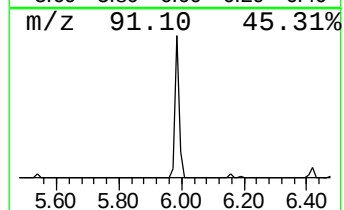
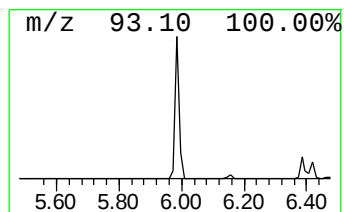
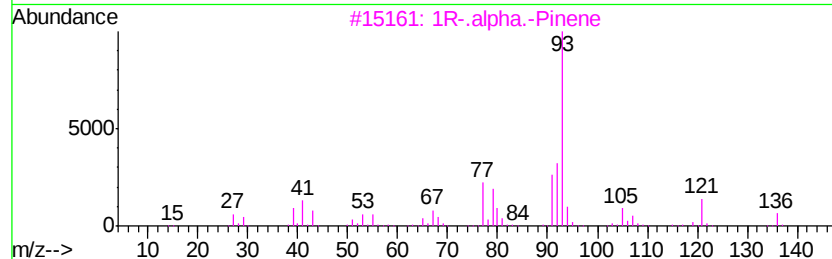
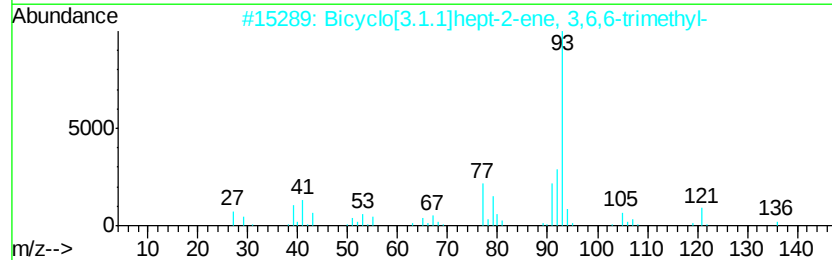
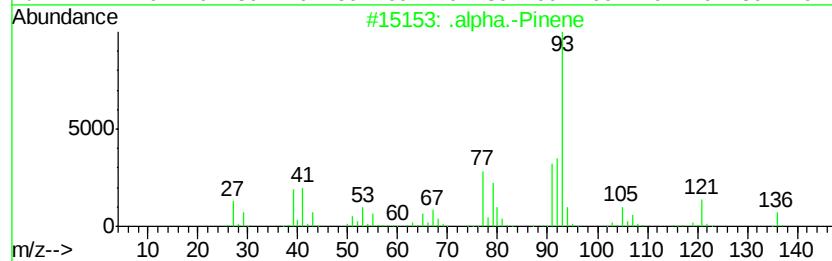
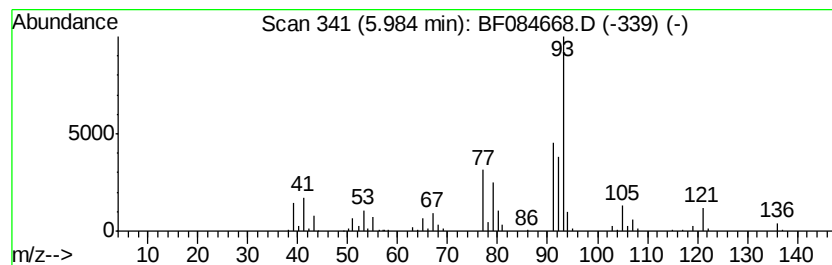
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	5.63 ng	292988	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	94
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3		1R-.alpha.-Pinene	136	C10H16	007785-70-8	91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		3,5-Methanocyclopentapyrazole, 3...	164	C10H16N2	087143-58-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

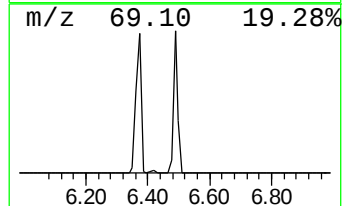
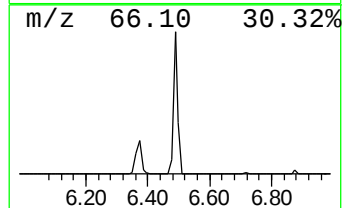
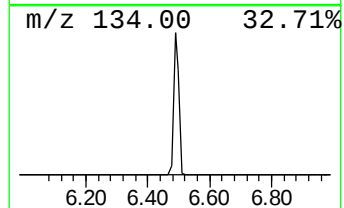
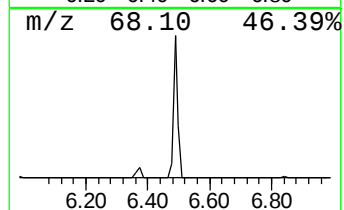
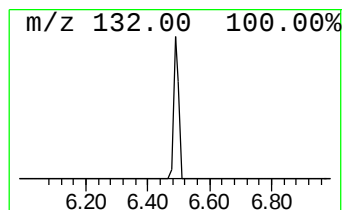
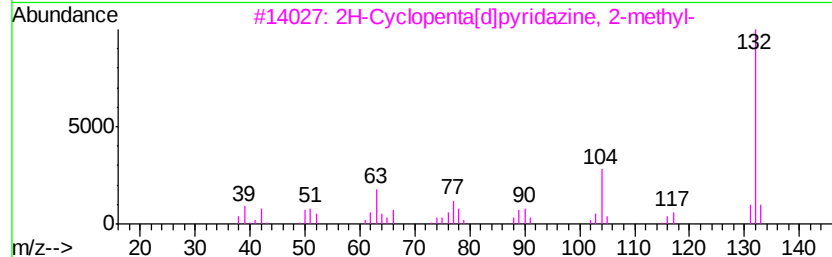
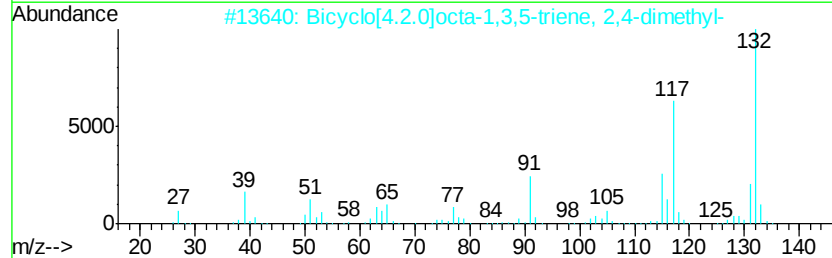
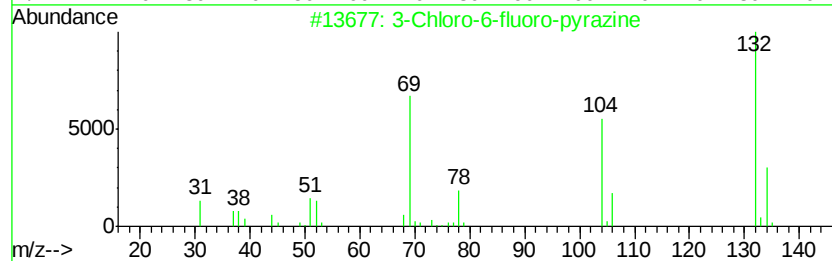
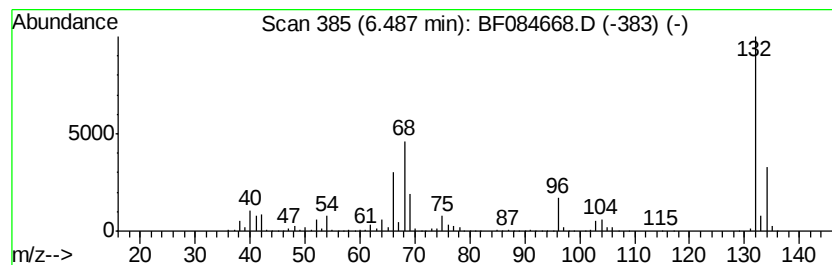
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	76.00 ng	3953440	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		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

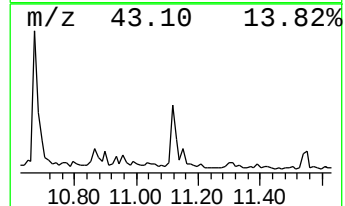
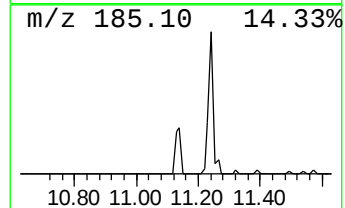
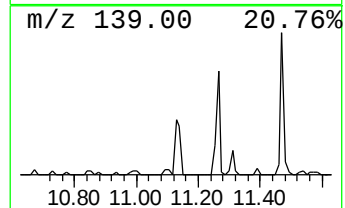
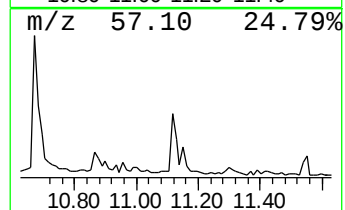
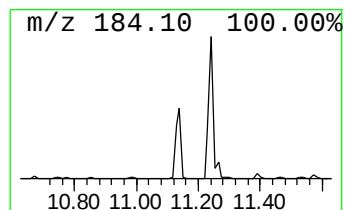
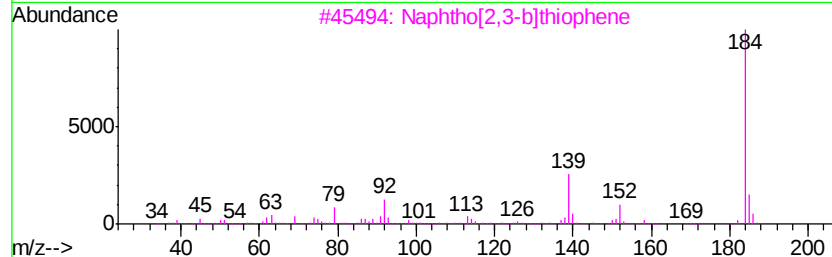
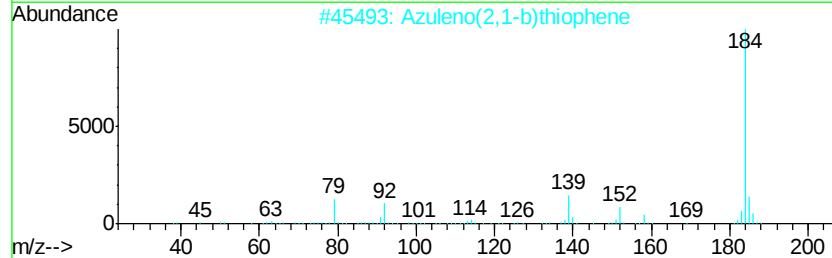
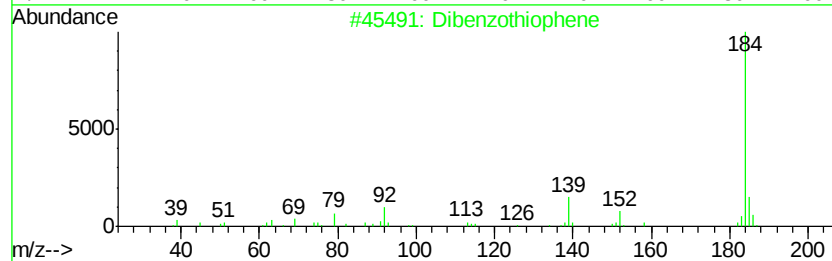
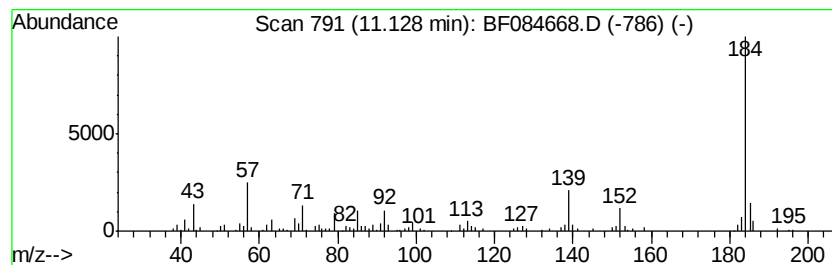
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

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 8 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	3.38 ng	348968	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	59
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

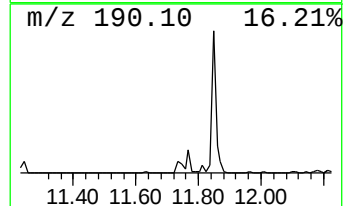
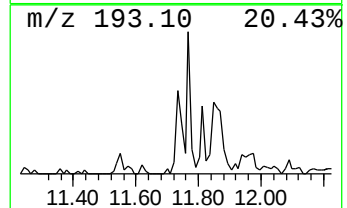
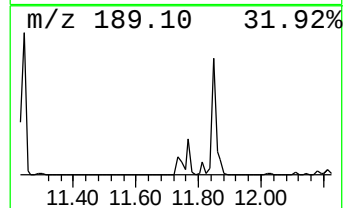
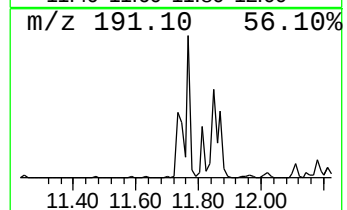
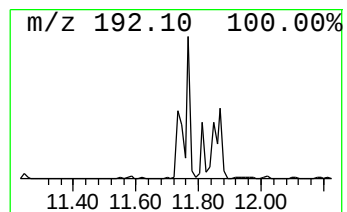
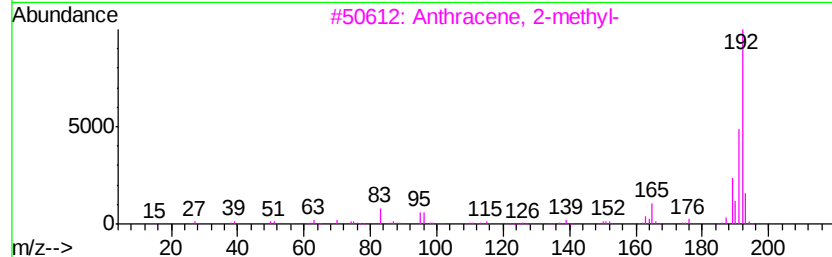
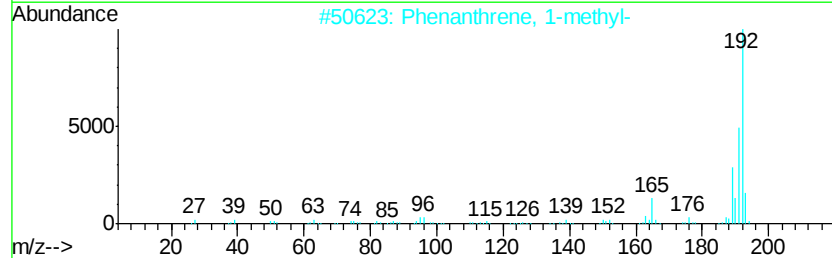
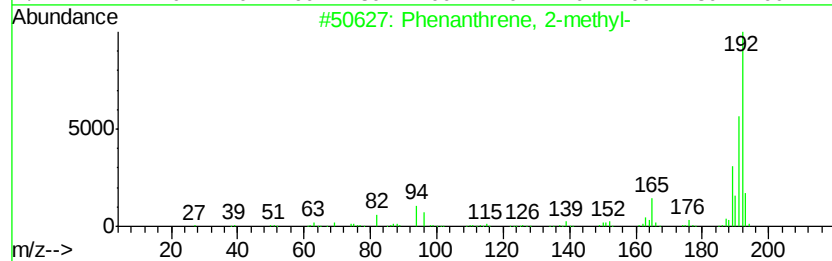
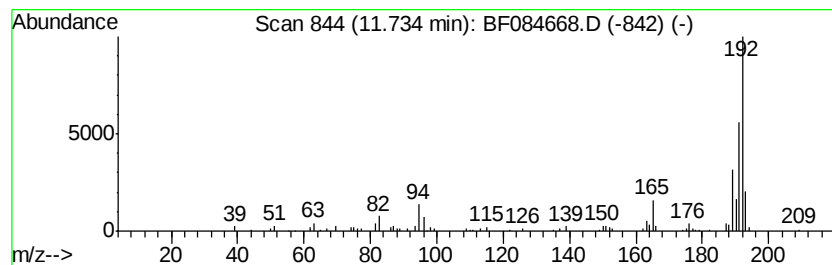
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.03 ng	209308	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

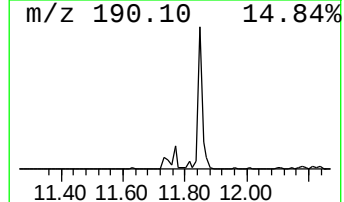
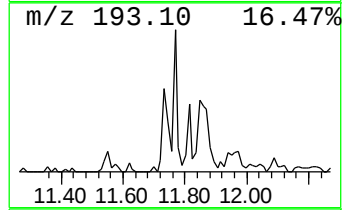
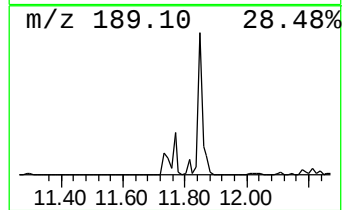
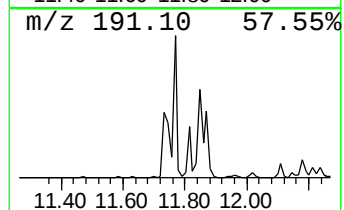
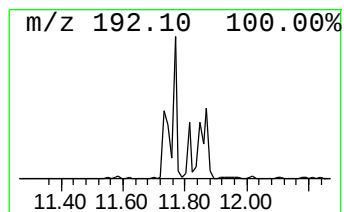
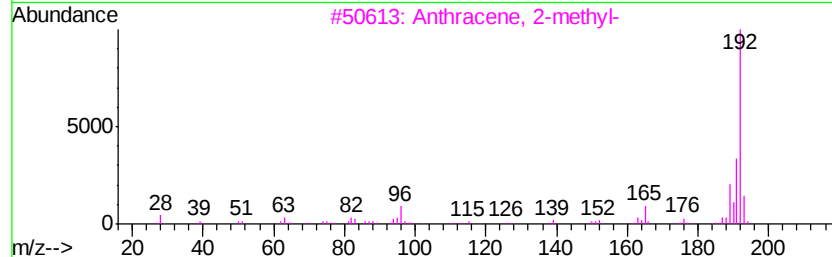
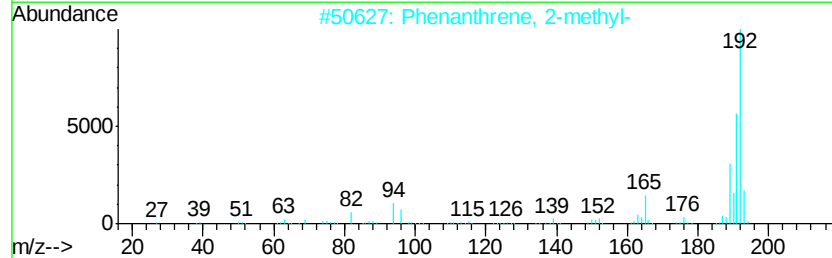
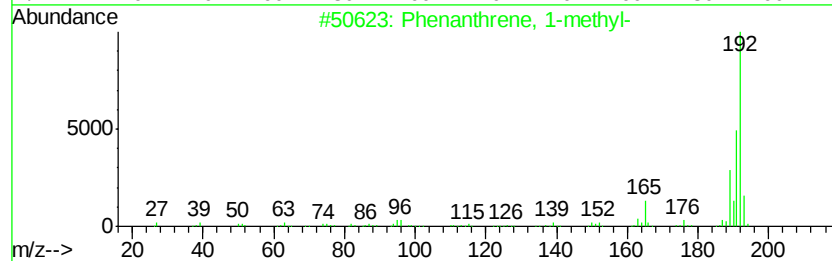
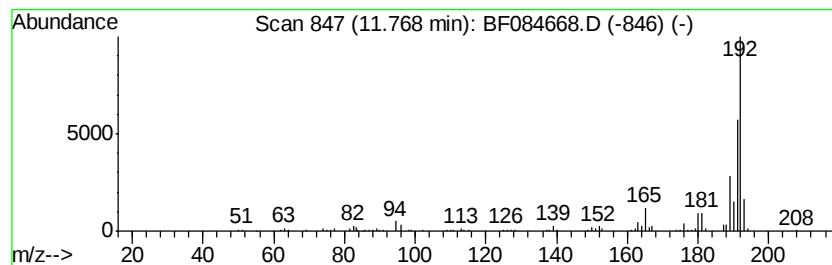
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.67 ng	276085	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

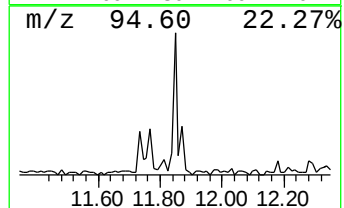
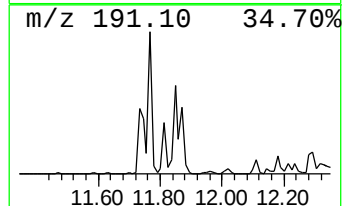
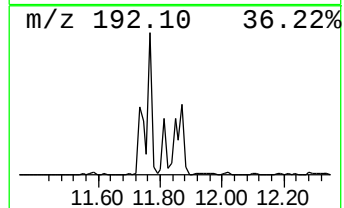
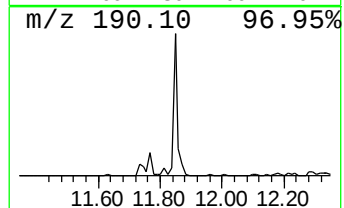
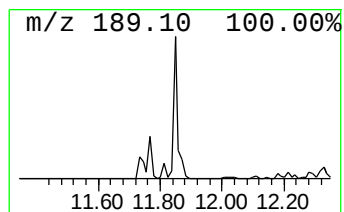
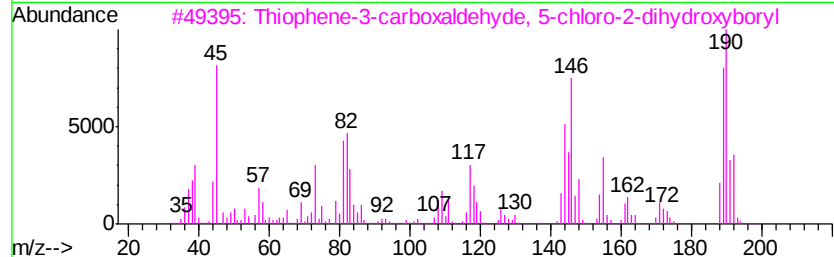
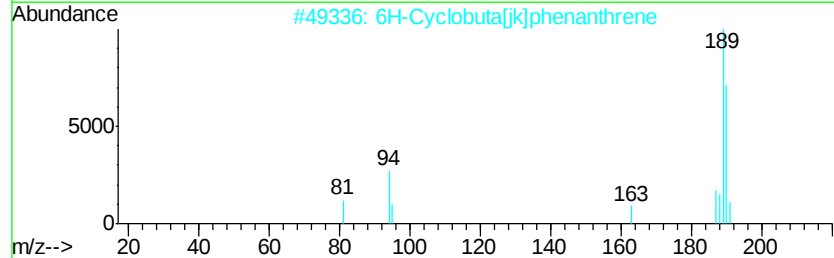
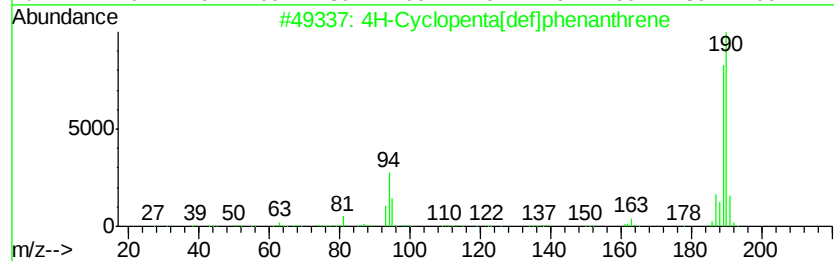
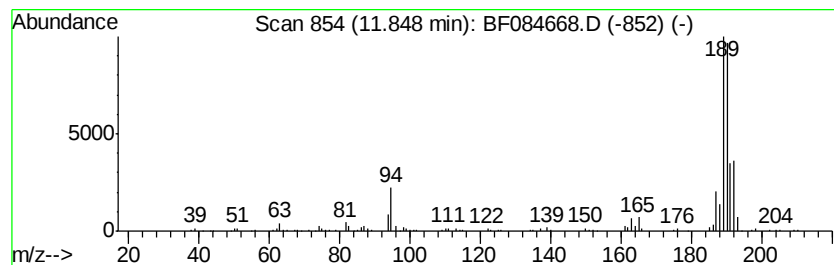
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

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 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	4.51 ng	466499	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

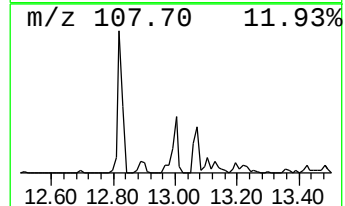
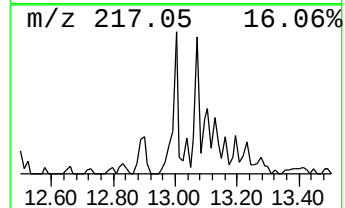
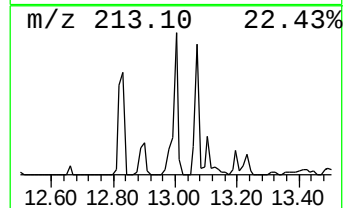
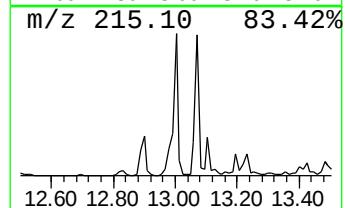
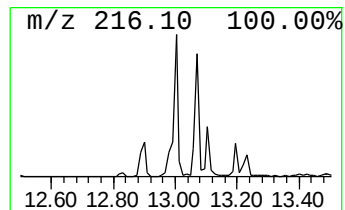
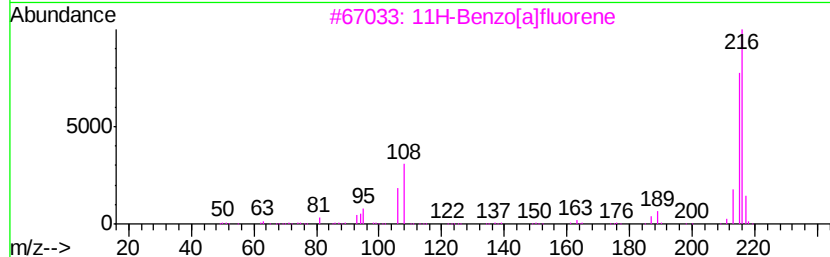
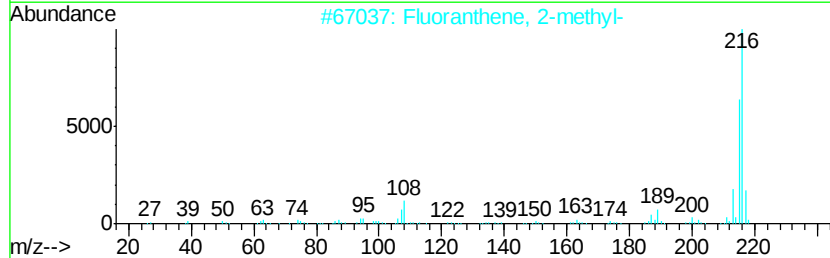
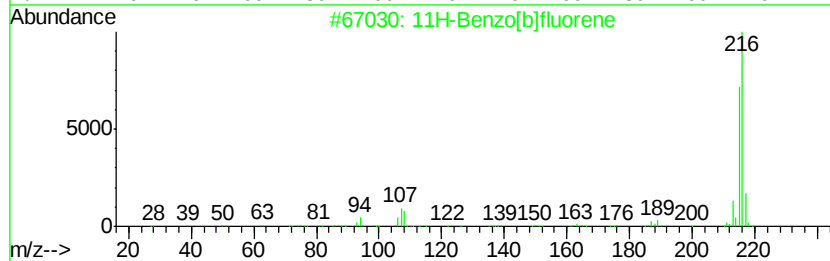
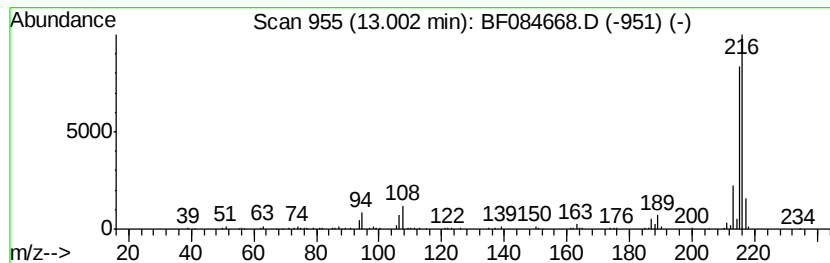
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.48 ng	306926	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

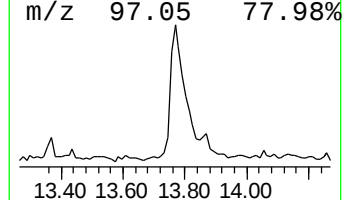
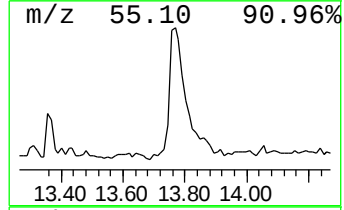
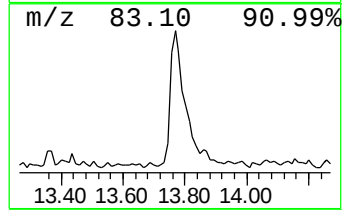
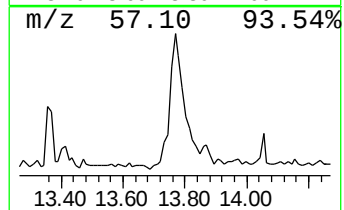
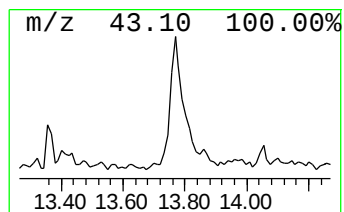
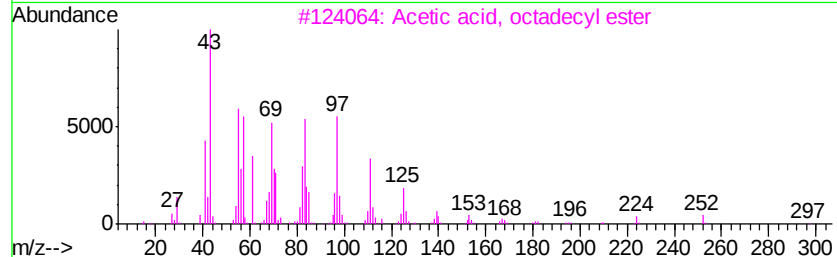
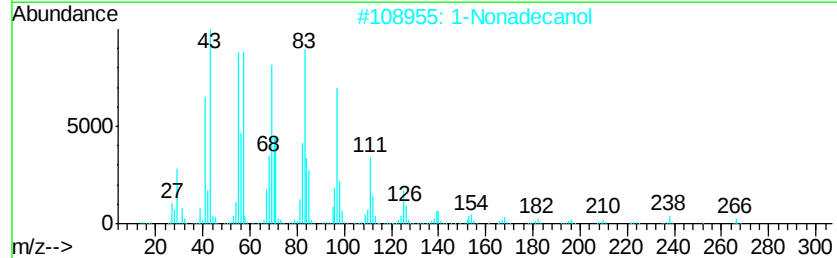
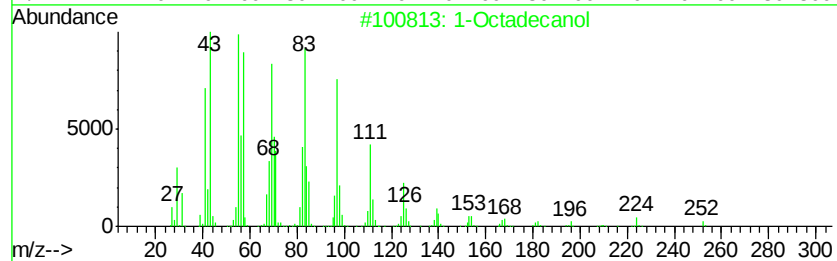
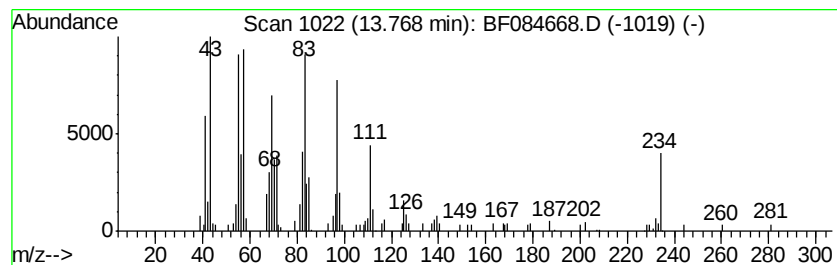
Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

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 1-Octadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.77	3.05 ng	377534	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	93
2	1-Nonadecanol	284	C19H40O	001454-84-8	93
3	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
4	1-Heptadecanol	256	C17H36O	001454-85-9	87
5	1-Docosene	308	C22H44	001599-67-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084668.D
Acq On : 30 Jan 2016 6:59
Operator : SJ/IZ
Sample : H1272-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B013(20-23)

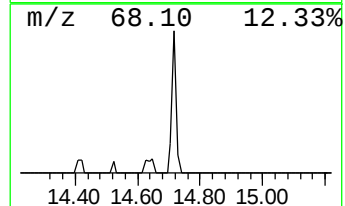
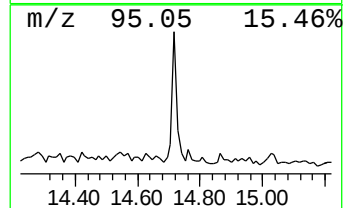
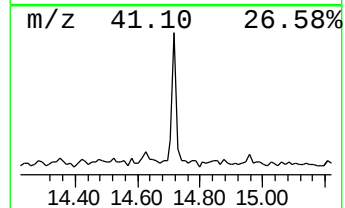
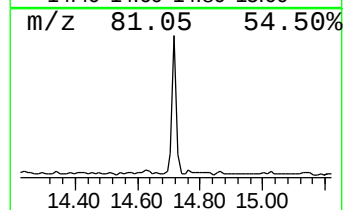
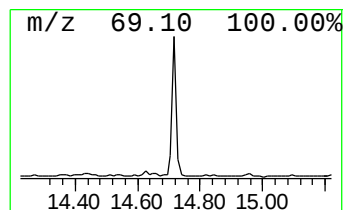
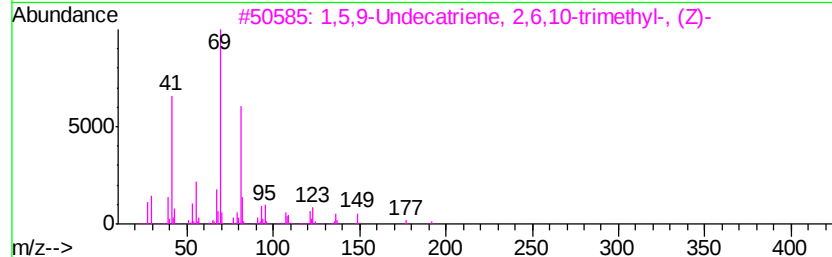
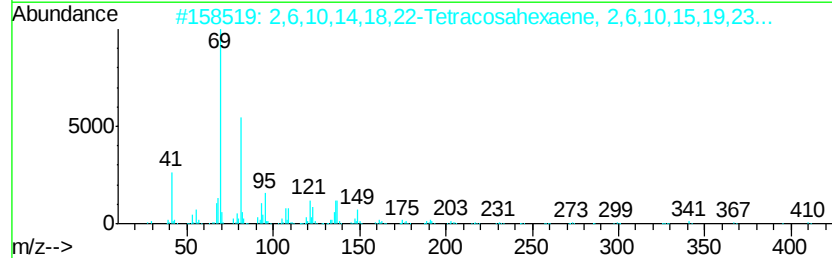
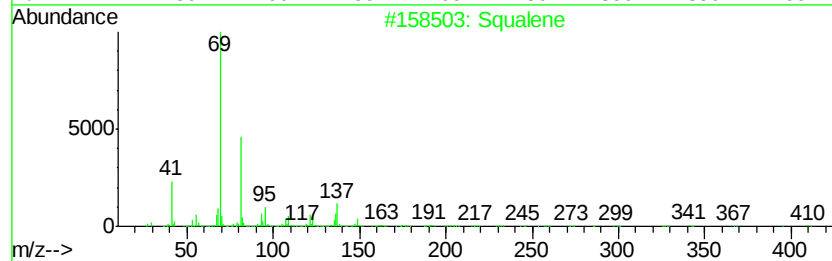
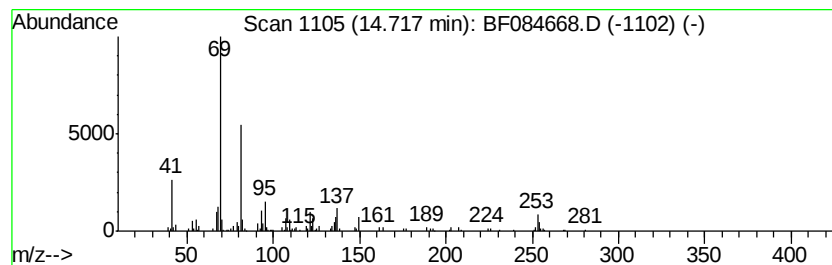
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.56 ng	165101	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	87
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
 Data File : BF084668.D
 Acq On : 30 Jan 2016 6:59
 Operator : SJ/IZ
 Sample : H1272-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B013(20-23)

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
3-Penten-2-one, 4...	4.19	10.6	ng	552218	1	6.73	1040370	20.0
2-Pentanone, 4-hy...	4.89	74.9	ng	3895330	1	6.73	1040370	20.0
unknown5.39	5.39	2.1	ng	107500	1	6.73	1040370	20.0
2-Pentanone, 4-me...	5.72	3.7	ng	190367	1	6.73	1040370	20.0
.alpha.-Pinene	5.98	5.6	ng	292988	1	6.73	1040370	20.0
unknown6.49	6.49	76.0	ng	3953440	1	6.73	1040370	20.0
Dibenzothiophene	11.13	3.4	ng	348968	4	11.24	2066570	20.0
Phenanthrene, 2-m...	11.73	2.0	ng	209308	4	11.24	2066570	20.0
Phenanthrene, 1-m...	11.77	2.7	ng	276085	4	11.24	2066570	20.0
4H-Cyclopenta[def...	11.85	4.5	ng	466499	4	11.24	2066570	20.0
11H-Benzo[b]fluorene	13.00	2.5	ng	306926	5	13.87	2478760	20.0
1-Octadecanol	13.77	3.0	ng	377534	5	13.87	2478760	20.0
Squalene	14.72	3.6	ng	165101	6	15.25	926654	20.0