

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075562.D
 Acq On : 16 Nov 2014 1:12
 Operator : TP / JJ
 Sample : F4695-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-175(5-7)

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-BF111214.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	1.613	43	46	49	rVB	3462720	3760019	22.81%	2.892%
2	1.967	73	77	83	rVB2	112146	264577	1.61%	0.203%
3	5.350	371	373	376	rBV	574277	668315	4.05%	0.514%
4	5.853	414	417	420	rVB	1214782	1206072	7.32%	0.928%
5	7.110	525	527	529	rBV	1450040	1315810	7.98%	1.012%
6	7.270	538	541	543	rVV	1240649	1303122	7.91%	1.002%
7	7.339	545	547	551	rVB	525836	499831	3.03%	0.384%
8	7.556	564	566	568	rBV	314912	302448	1.84%	0.233%
9	7.625	570	572	574	rVV	348767	300756	1.82%	0.231%
10	7.739	580	582	584	rBV	952544	908323	5.51%	0.699%
11	7.899	594	596	598	rVB	531123	463719	2.81%	0.357%
12	7.956	598	601	602	rBV	886695	976465	5.92%	0.751%
13	8.036	606	608	611	rBV	253471	336512	2.04%	0.259%
14	8.128	614	616	618	rBV	509163	669924	4.06%	0.515%
15	8.162	618	619	621	rVB	706881	511051	3.10%	0.393%
16	8.219	621	624	625	rBV	1525432	1342540	8.15%	1.033%
17	8.242	625	626	630	rVB3	754843	885366	5.37%	0.681%
18	8.356	633	636	638	rBV2	251441	310846	1.89%	0.239%
19	8.402	638	640	641	rBV	482234	456255	2.77%	0.351%
20	8.505	647	649	651	rVV	1387880	1592999	9.67%	1.225%
21	8.539	651	652	654	rVB	2283363	2057584	12.48%	1.583%
22	8.653	660	662	663	rBV	388111	325374	1.97%	0.250%
23	8.688	663	665	666	rVV	299433	338939	2.06%	0.261%
24	8.722	666	668	670	rVV2	778280	1187959	7.21%	0.914%
25	8.756	670	671	673	rVV	237879	349432	2.12%	0.269%
26	8.813	673	676	678	rVV3	1722920	2963079	17.98%	2.279%
27	8.859	678	680	682	rVV	959737	1013872	6.15%	0.780%
28	8.905	682	684	689	rVB3	501651	965666	5.86%	0.743%
29	8.985	689	691	693	rVB	921399	810682	4.92%	0.624%
30	9.076	697	699	702	rBV	181936	254860	1.55%	0.196%
31	9.133	702	704	705	rVV	742205	751464	4.56%	0.578%
32	9.168	705	707	709	rVV	3000588	3805003	23.09%	2.927%
33	9.259	713	715	717	rVB	592087	609148	3.70%	0.469%
34	9.465	731	733	736	rBV2	195578	336653	2.04%	0.259%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075562.D
 Acq On : 16 Nov 2014 1:12
 Operator : TP / JJ
 Sample : F4695-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-175(5-7)

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-BF111214.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.625	745	747	750	rVB3	214910	304516	1.85%	0.234%
36	9.842	764	766	767	rBV	417293	430100	2.61%	0.331%
37	9.888	767	770	773	rBV	235962	349805	2.12%	0.269%
38	10.025	779	782	783	rBV	871758	848604	5.15%	0.653%
39	10.139	790	792	795	rBV	385336	509558	3.09%	0.392%
40	10.242	797	801	802	rBV	385458	500258	3.04%	0.385%
41	10.265	802	803	805	rVV2	272234	373007	2.26%	0.287%
42	10.311	805	807	808	rVB	225870	266416	1.62%	0.205%
43	10.345	808	810	813	rBV	645888	722547	4.38%	0.556%
44	10.402	813	815	816	rBV	600865	682977	4.14%	0.525%
45	10.425	816	817	819	rVV	650918	729414	4.43%	0.561%
46	10.482	819	822	824	rVB	1365258	1487489	9.03%	1.144%
47	10.528	824	826	827	rBV2	168364	270601	1.64%	0.208%
48	10.608	830	833	835	rVV	4555338	5833217	35.39%	4.487%
49	10.654	835	837	838	rVV	538268	699962	4.25%	0.538%
50	10.745	842	845	847	rVB2	294463	436088	2.65%	0.335%
51	10.791	847	849	851	rBV3	266934	486482	2.95%	0.374%
52	10.836	851	853	854	rBV	333611	415819	2.52%	0.320%
53	10.916	857	860	861	rVV	1010218	1447132	8.78%	1.113%
54	10.996	864	867	868	rVV2	1674697	2617458	15.88%	2.013%
55	11.031	868	870	872	rVB	1163852	1541618	9.35%	1.186%
56	11.076	872	874	875	rBV	974669	1025277	6.22%	0.789%
57	11.099	875	876	878	rBV2	151815	266630	1.62%	0.205%
58	11.271	888	891	893	rBV	5478493	6653965	40.37%	5.118%
59	11.316	893	895	900	rVV2	998931	1815072	11.01%	1.396%
60	11.396	900	902	903	rVV	187492	256264	1.55%	0.197%
61	11.431	903	905	908	rVB	226697	313841	1.90%	0.241%
62	11.476	908	909	911	rVB	296946	241924	1.47%	0.186%
63	11.545	912	915	917	rBV	773707	1370198	8.31%	1.054%
64	11.579	917	918	920	rVV	507715	594612	3.61%	0.457%
65	11.625	920	922	923	rVV	492739	514879	3.12%	0.396%
66	11.659	923	925	927	rVB	1232378	1312336	7.96%	1.009%
67	11.705	927	929	934	rVB	703902	930853	5.65%	0.716%
68	11.819	937	939	941	rVB2	237905	322905	1.96%	0.248%
69	11.888	942	945	947	rVV	3812375	3419109	20.75%	2.630%
70	11.922	947	948	953	rVB3	255002	591564	3.59%	0.455%
71	12.162	965	969	970	rBV	590633	971083	5.89%	0.747%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075562.D
 Acq On : 16 Nov 2014 1:12
 Operator : TP / JJ
 Sample : F4695-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-175(5-7)

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-BF111214.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.219	972	974	976	rVB	321410	409705	2.49%	0.315%
73	12.265	976	978	979	rBV	239618	262018	1.59%	0.202%
74	12.299	979	981	983	rVB2	1007991	1108673	6.73%	0.853%
75	12.471	994	996	1002	rVB	806116	1383882	8.40%	1.064%
76	13.168	1055	1057	1058	rBV	510770	532437	3.23%	0.410%
77	13.191	1058	1059	1062	rVV	358721	411884	2.50%	0.317%
78	13.705	1101	1104	1106	rBV	6189068	6368933	38.64%	4.899%
79	13.865	1116	1118	1119	rBV	258337	256874	1.56%	0.198%
80	13.900	1119	1121	1123	rVV	291129	316476	1.92%	0.243%
81	14.574	1176	1180	1181	rVV	9368895	16481526	100.00%	12.676%
82	14.597	1181	1182	1186	rVV	8398296	12458916	75.59%	9.583%
83	14.700	1188	1191	1193	rVV	2822241	4092686	24.83%	3.148%
84	14.745	1193	1195	1198	rVV3	182243	413885	2.51%	0.318%
85	14.963	1211	1214	1218	rBV	760104	1114872	6.76%	0.857%
86	15.031	1218	1220	1224	rVB3	172621	388024	2.35%	0.298%
87	15.168	1230	1232	1234	rVB	985056	1227687	7.45%	0.944%
88	15.500	1260	1261	1264	rVB2	309768	335286	2.03%	0.258%
89	15.625	1267	1272	1274	rBV2	525364	1162381	7.05%	0.894%
90	15.683	1274	1277	1280	rVV2	338543	598327	3.63%	0.460%
91	15.785	1284	1286	1289	rVV2	194258	366889	2.23%	0.282%
92	15.865	1291	1293	1295	rVB	293827	380477	2.31%	0.293%
93	16.140	1314	1317	1320	rVB3	296736	521969	3.17%	0.401%
94	16.243	1324	1326	1329	rBV2	281330	361595	2.19%	0.278%
95	16.323	1331	1333	1335	rVB2	233681	339884	2.06%	0.261%
96	16.460	1342	1345	1346	rBV3	611609	1291659	7.84%	0.993%
97	17.740	1454	1457	1463	rVB	345809	837252	5.08%	0.644%
98	18.060	1483	1485	1488	rVB	225826	289621	1.76%	0.223%
99	18.129	1489	1491	1495	rVB	297668	408216	2.48%	0.314%
100	18.197	1495	1497	1499	rBV	388930	496464	3.01%	0.382%

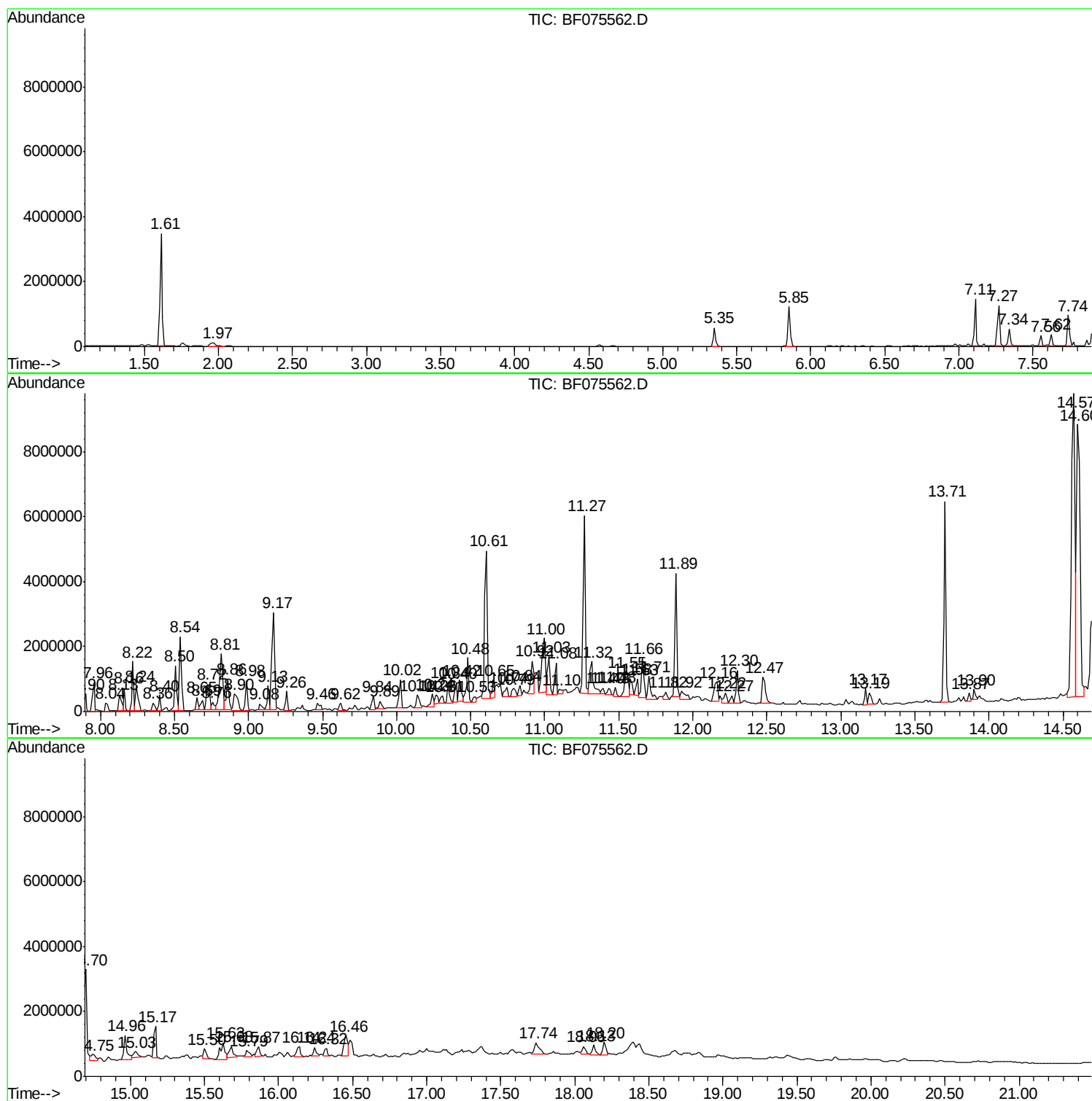
Sum of corrected areas: 130016743

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

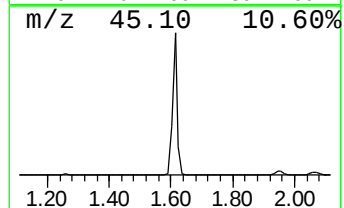
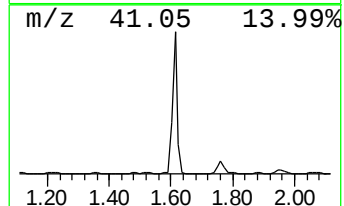
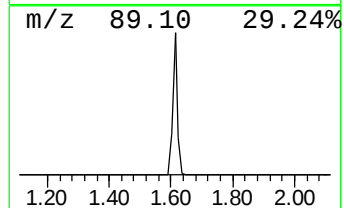
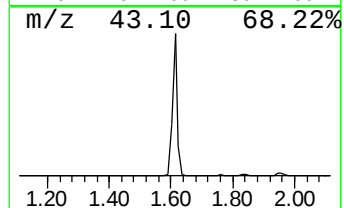
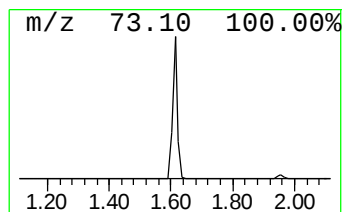
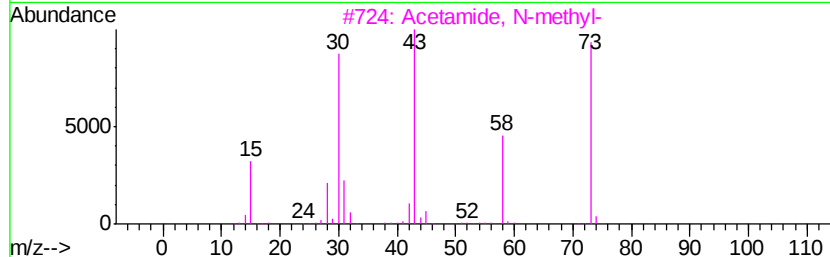
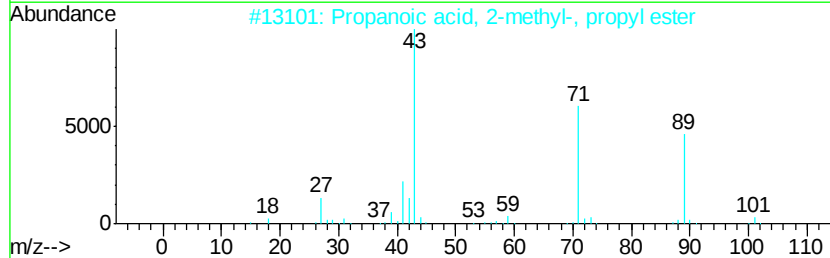
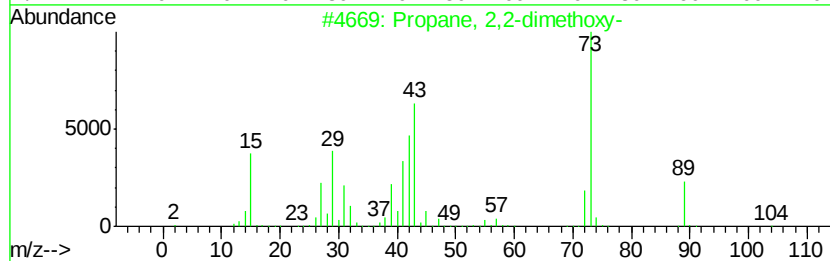
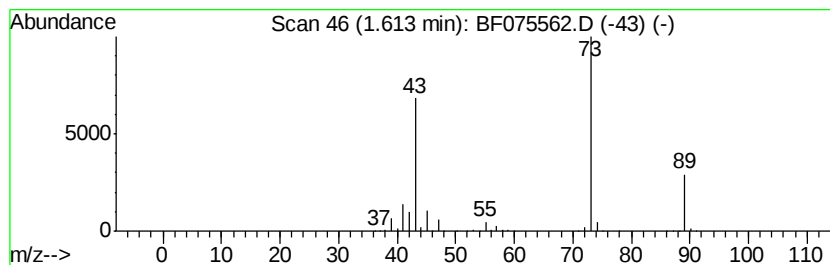
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	248.64 ng	3760020	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2			Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	17
3			Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4			Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	9
5			Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

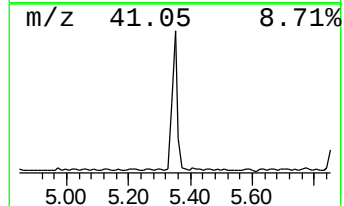
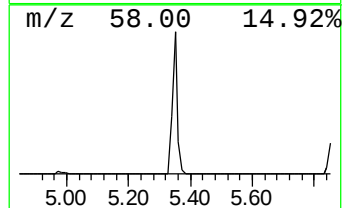
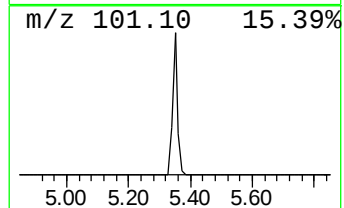
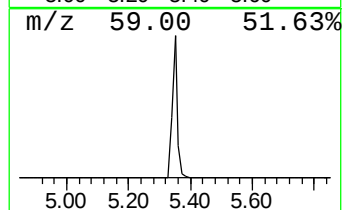
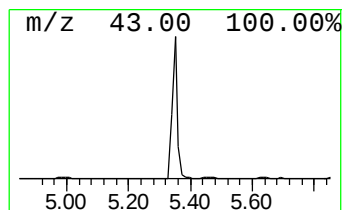
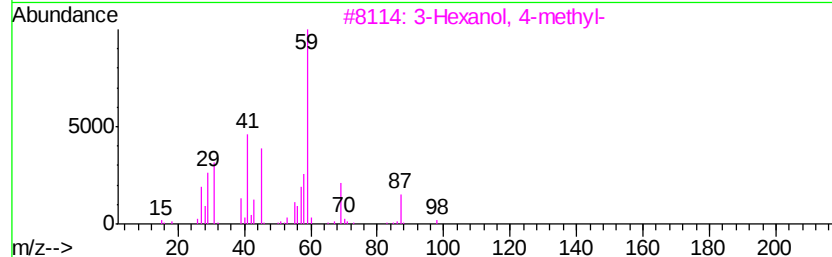
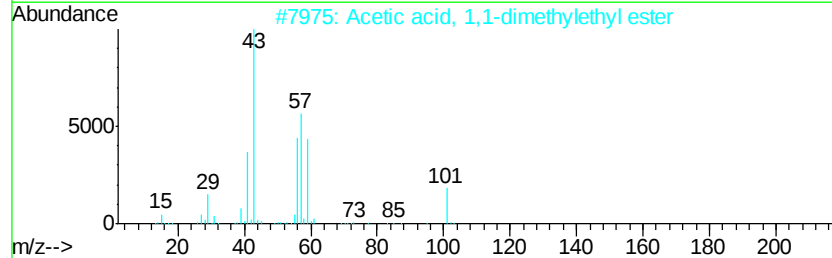
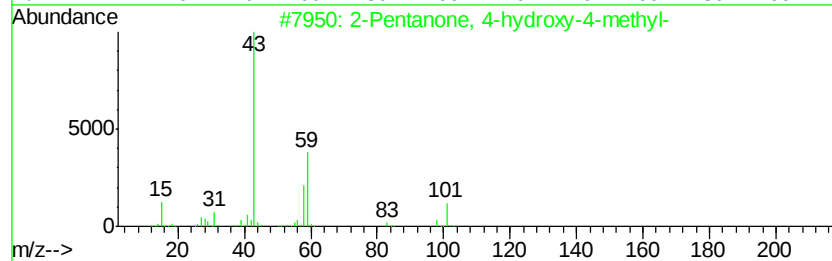
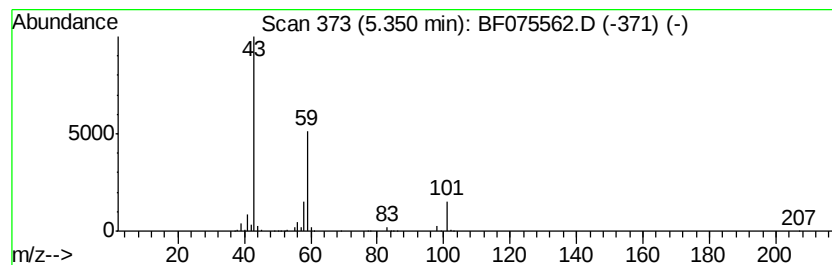
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	44.19 ng	668315	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

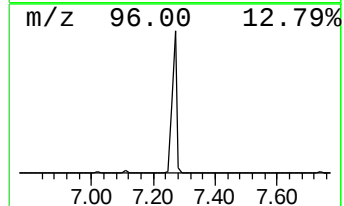
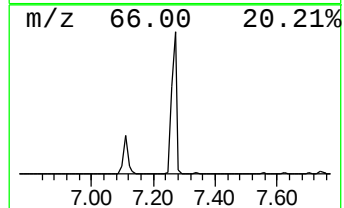
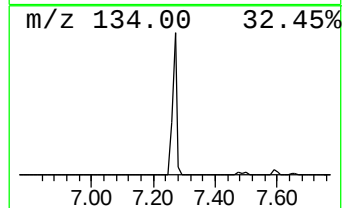
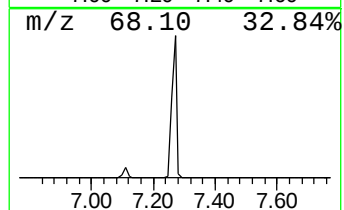
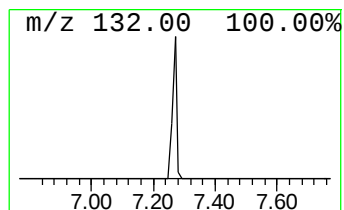
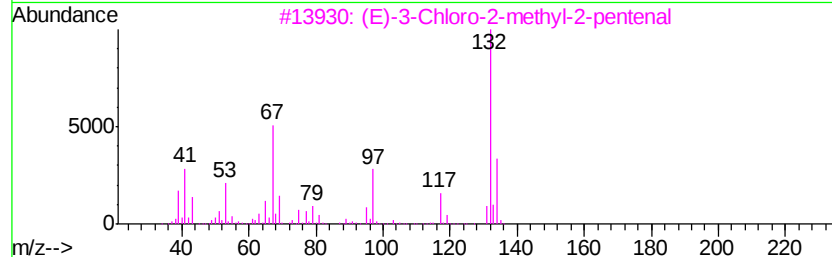
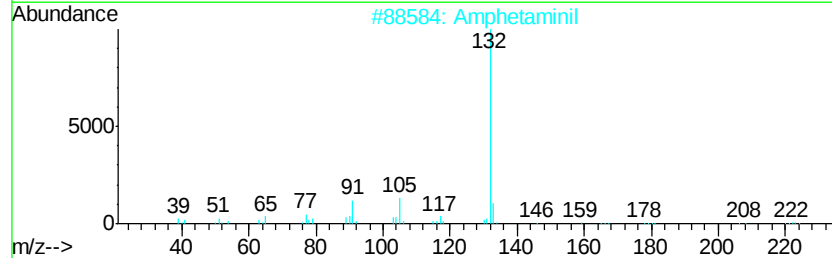
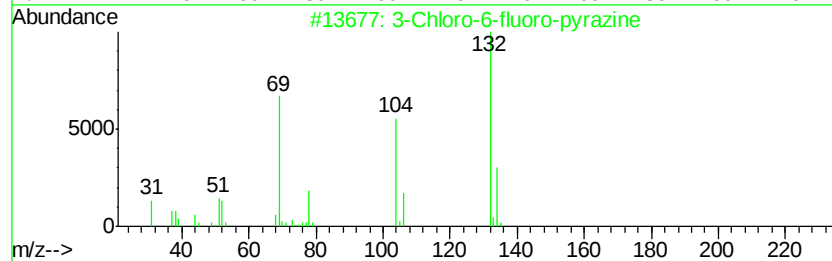
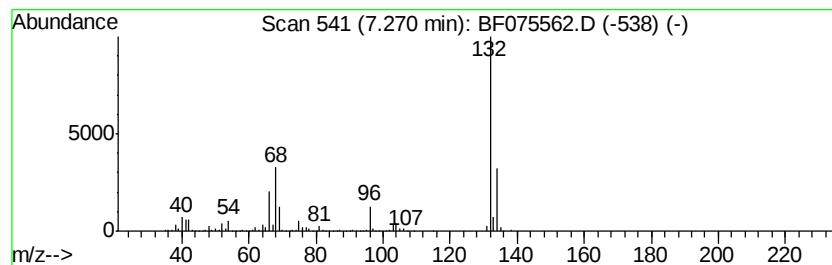
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	86.17 ng	1303120	1,4-Dichlorobenzene-d4	7.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Amphetaminil	250	C17H18N2	017590-01-1	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

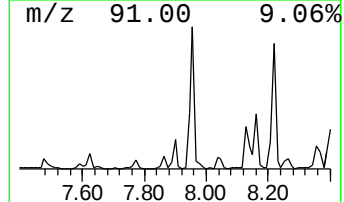
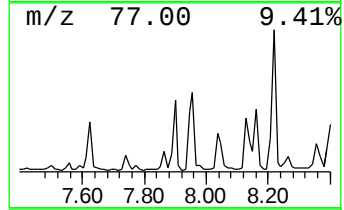
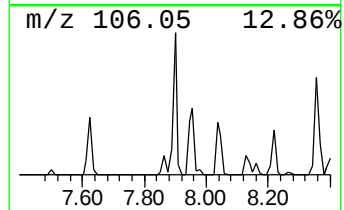
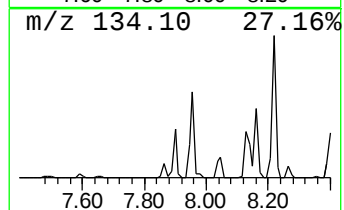
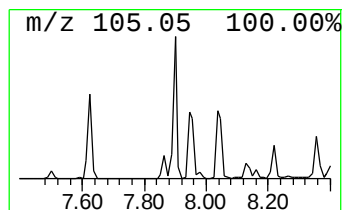
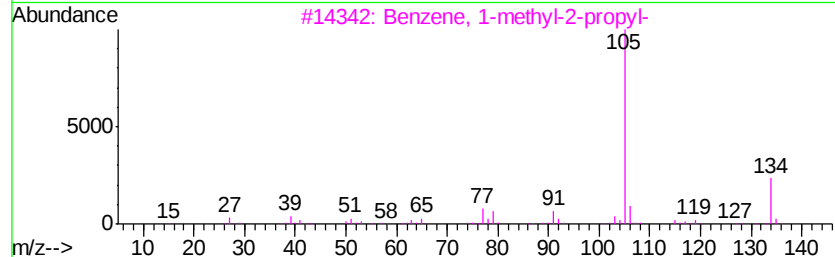
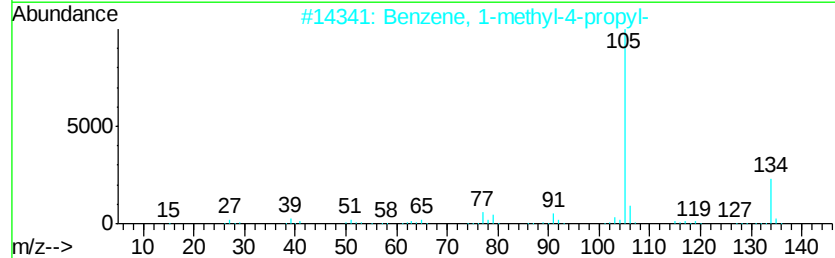
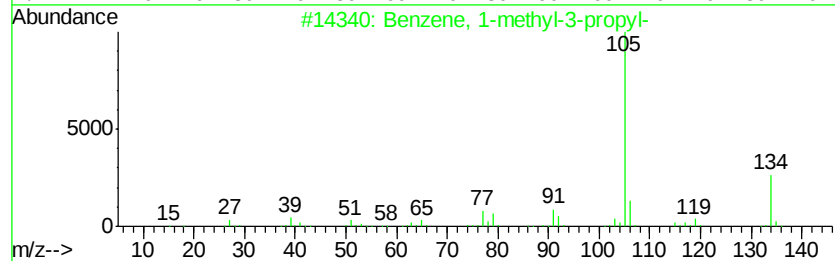
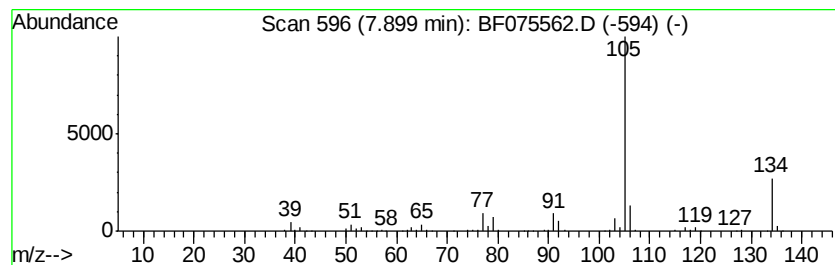
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	30.66 ng	463719	1,4-Dichlorobenzene-d4	7.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91	
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91	
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91	
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91	
5	2-Indanol	134	C9H10O	004254-29-9	72	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

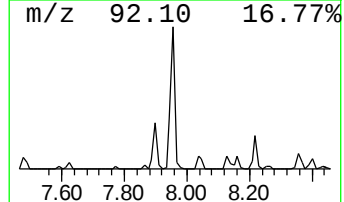
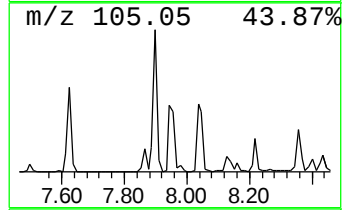
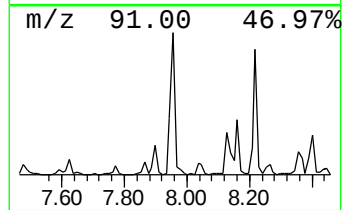
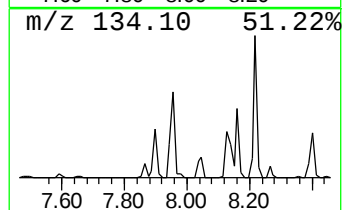
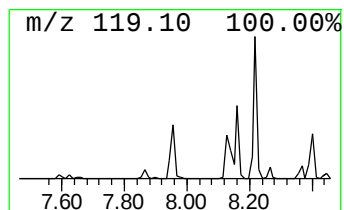
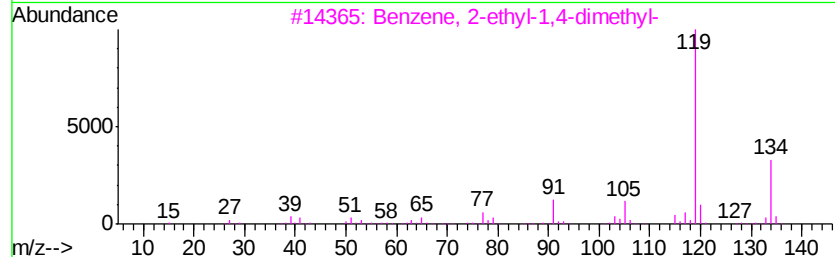
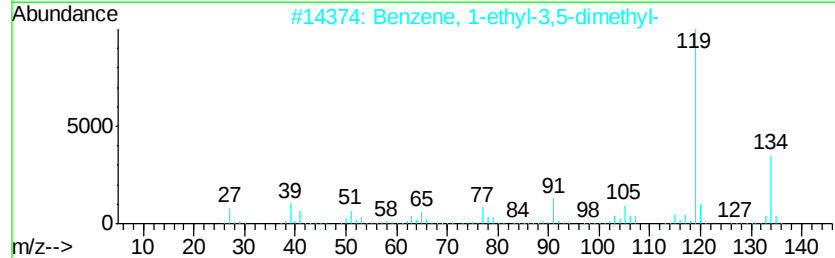
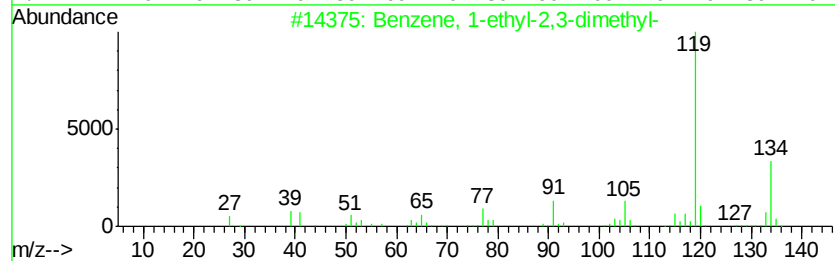
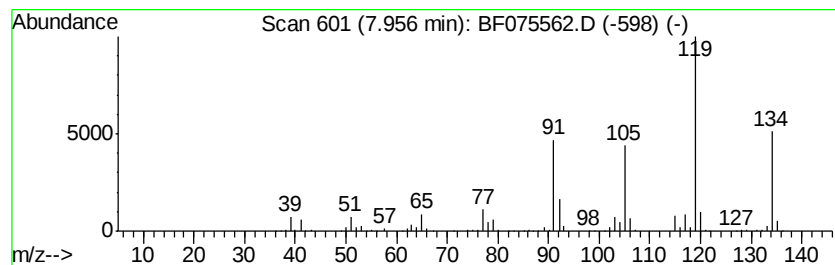
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	64.57 ng	976465	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

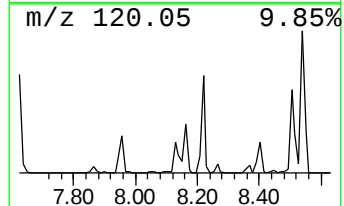
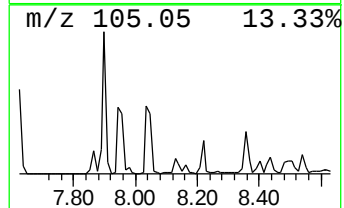
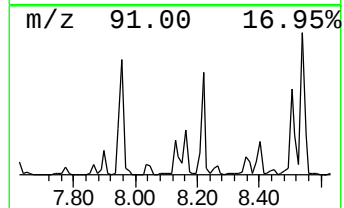
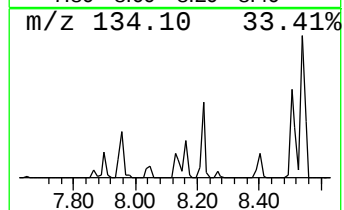
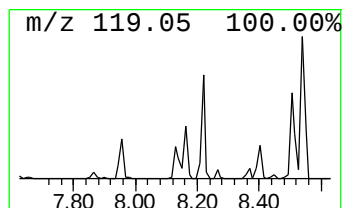
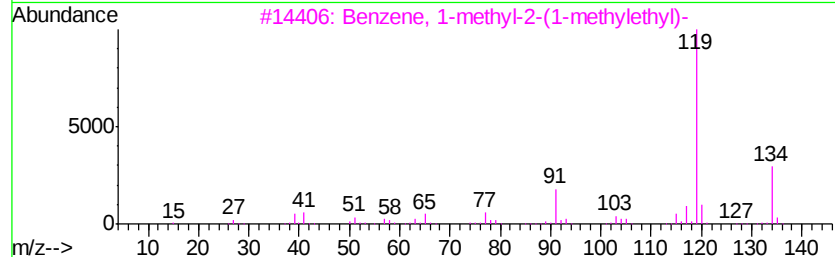
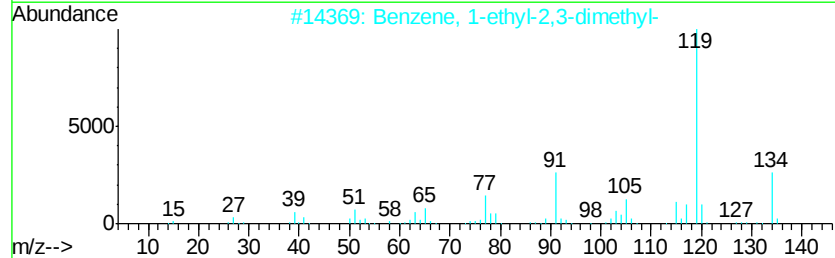
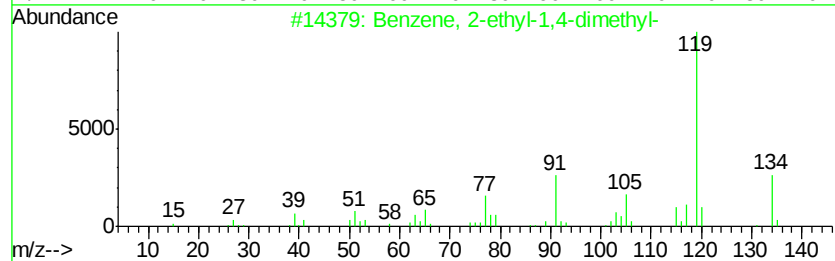
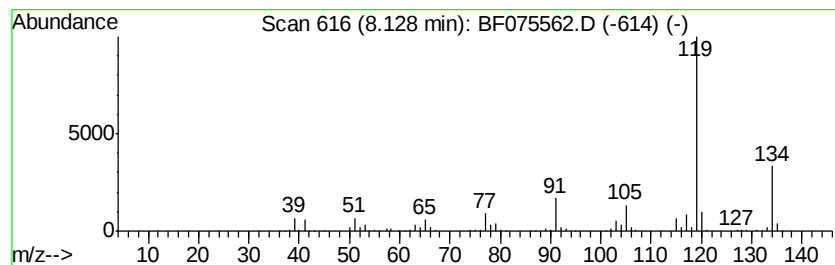
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	44.30 ng	669924	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

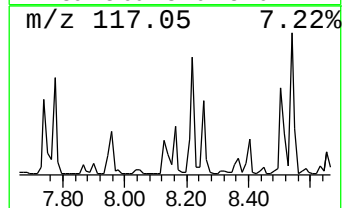
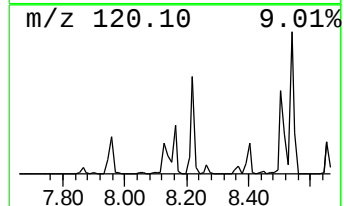
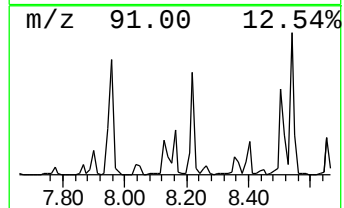
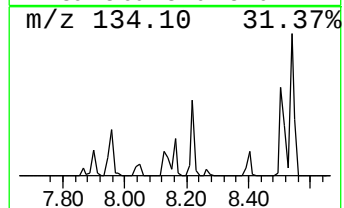
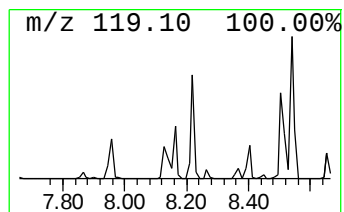
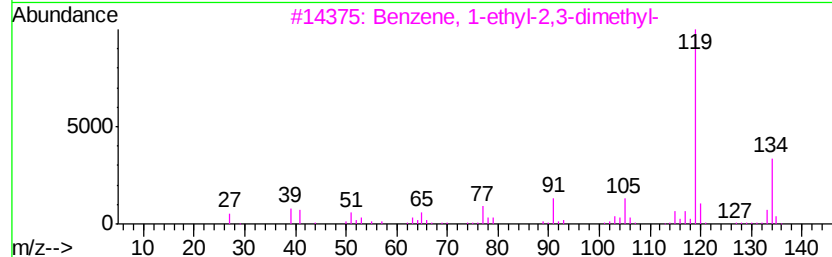
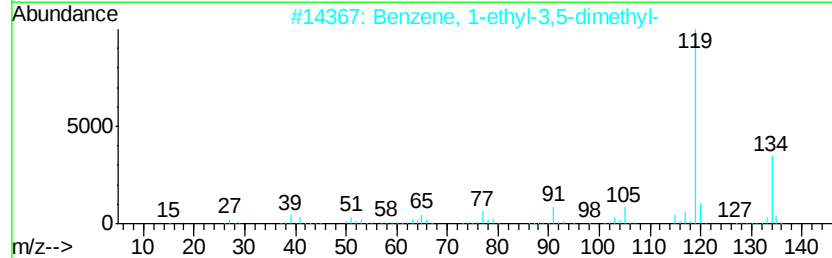
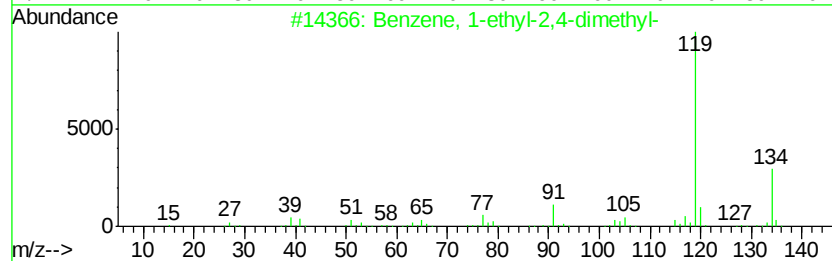
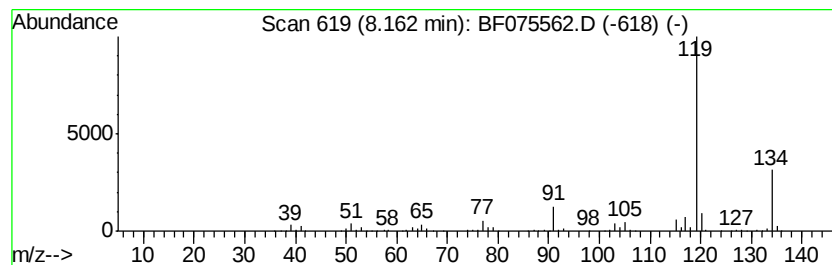
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	33.79 ng	511051	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

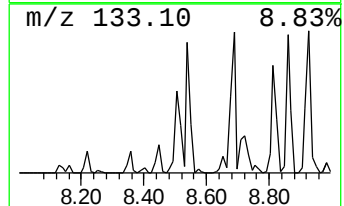
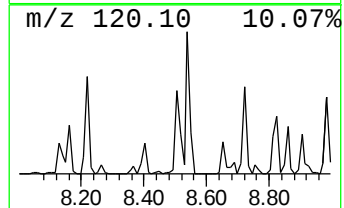
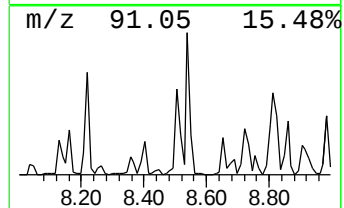
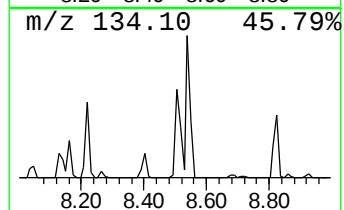
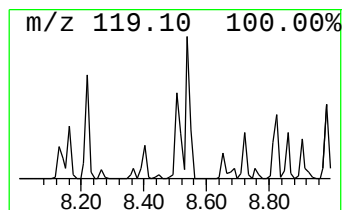
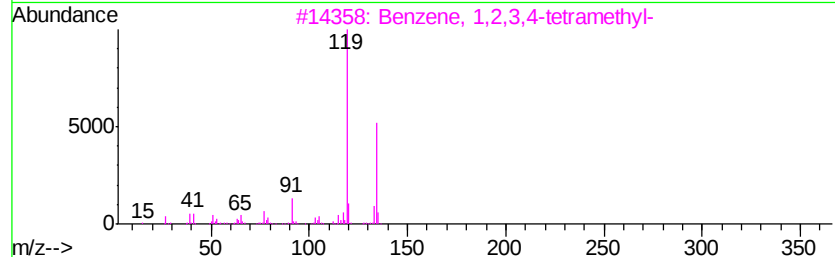
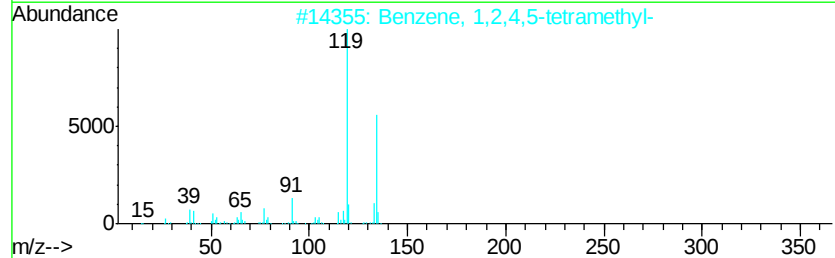
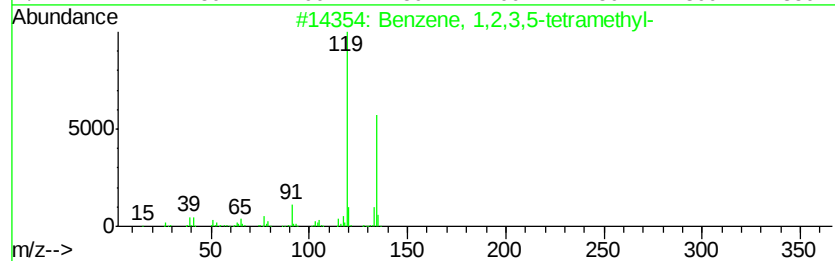
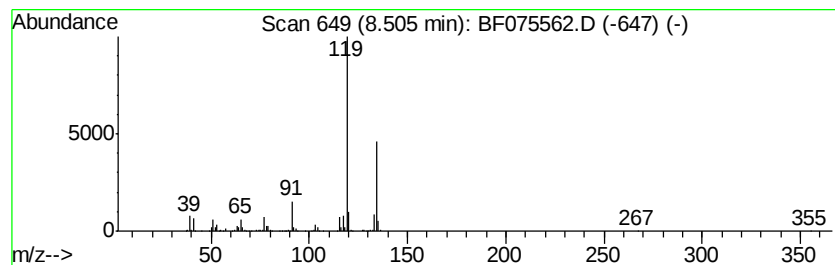
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	42.40 ng	1593000	Naphthalene-d8	9.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

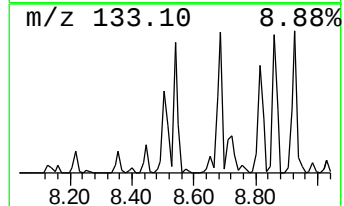
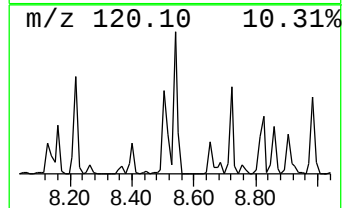
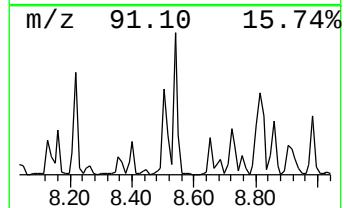
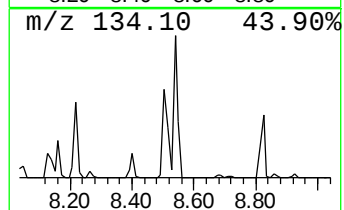
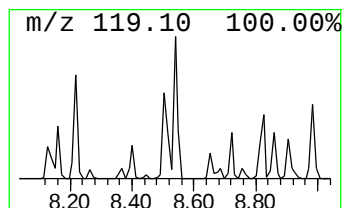
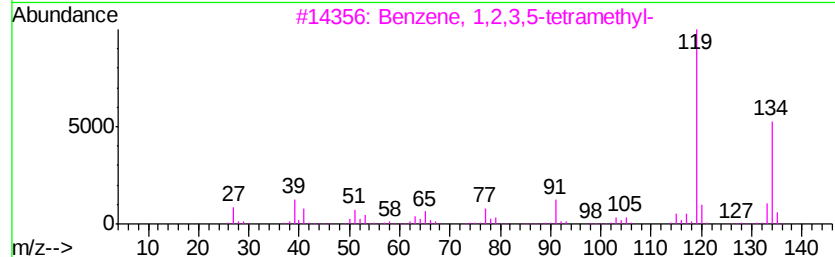
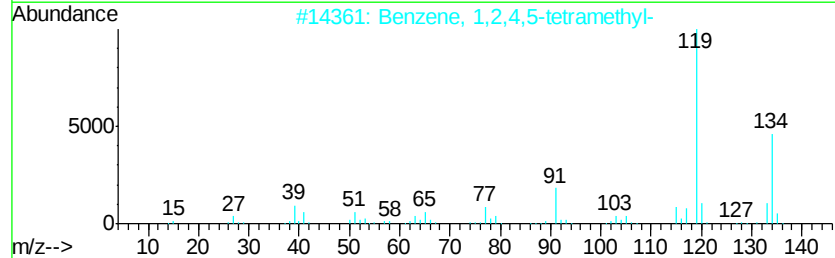
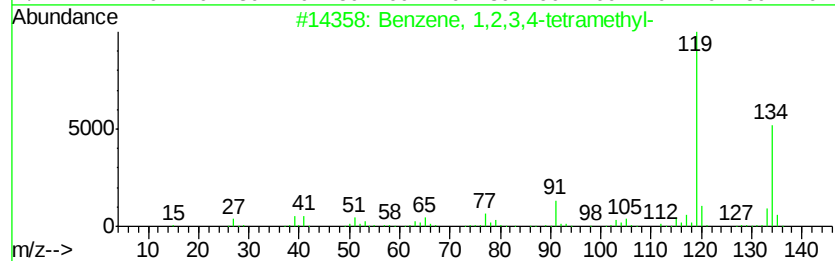
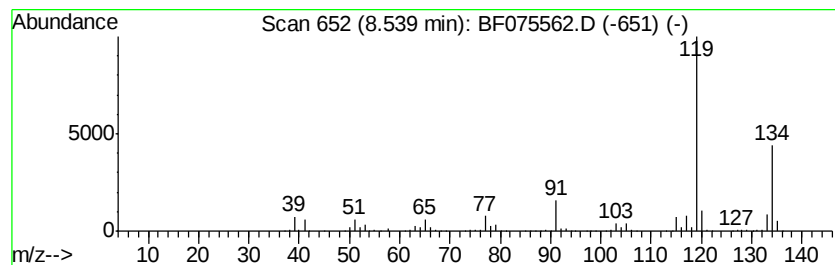
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	54.76 ng	2057580	Naphthalene-d8	9.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

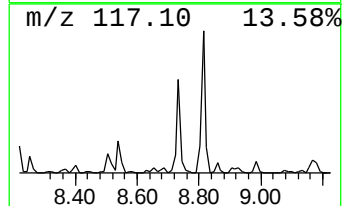
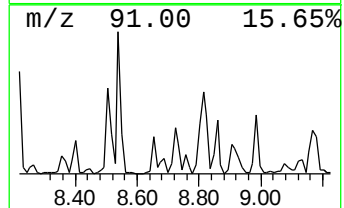
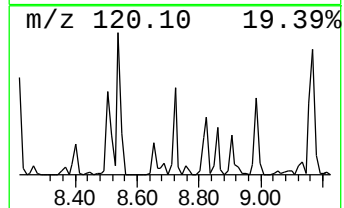
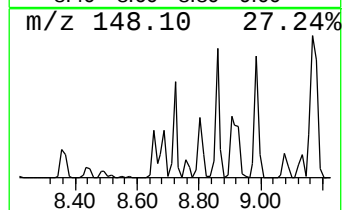
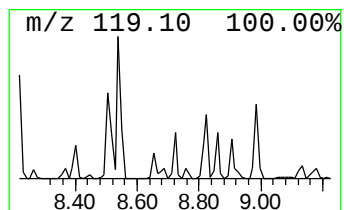
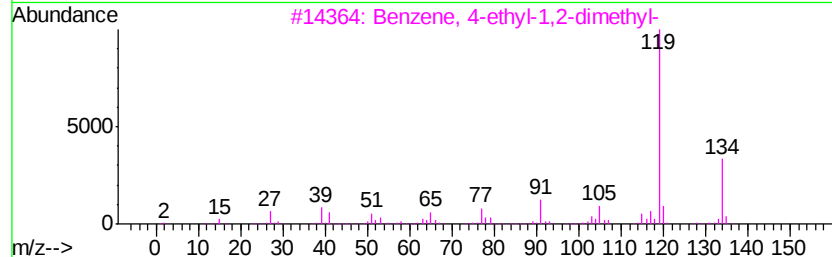
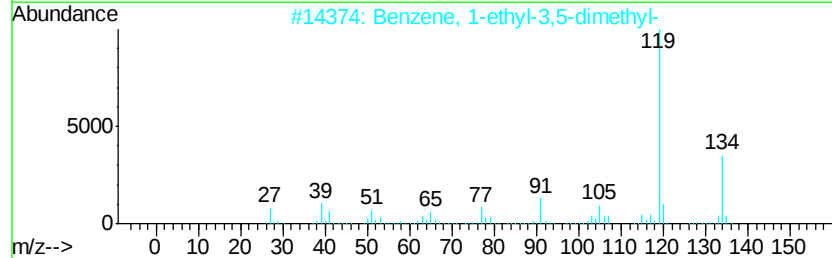
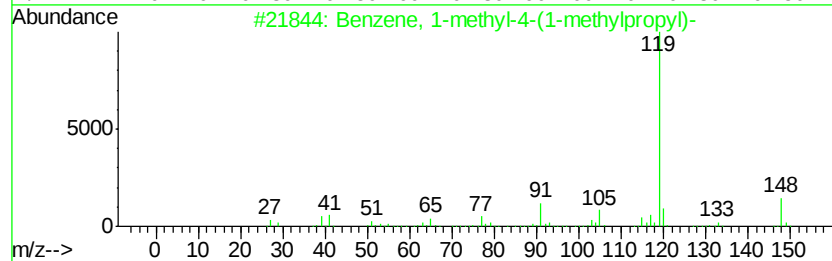
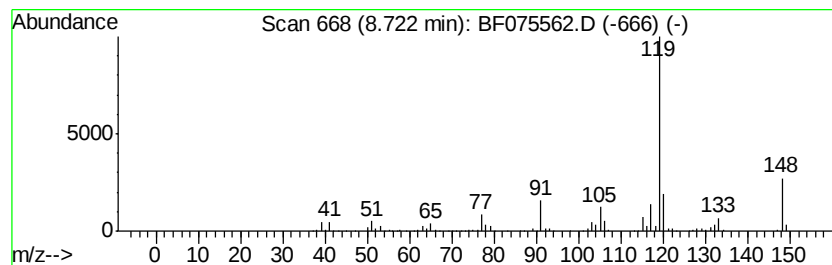
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	31.62 ng	1187960	Napthalene-d8	9.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

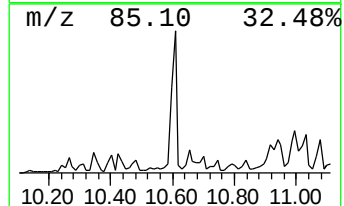
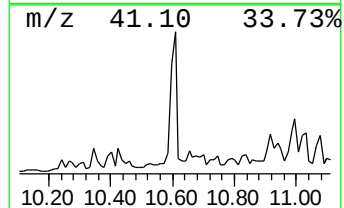
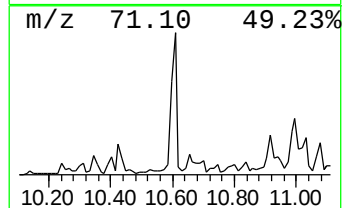
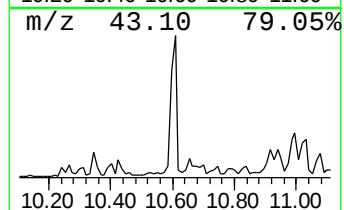
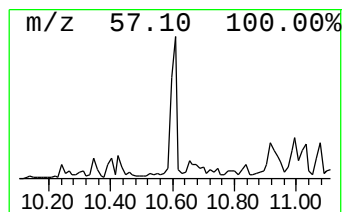
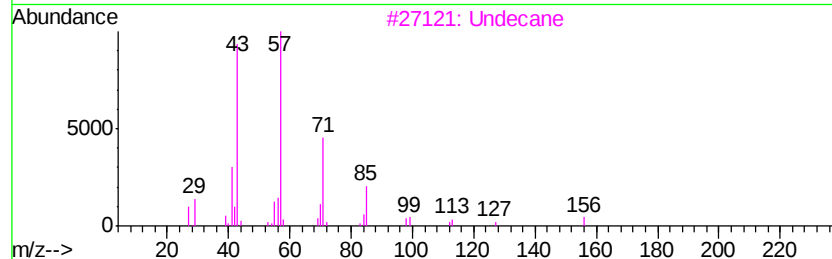
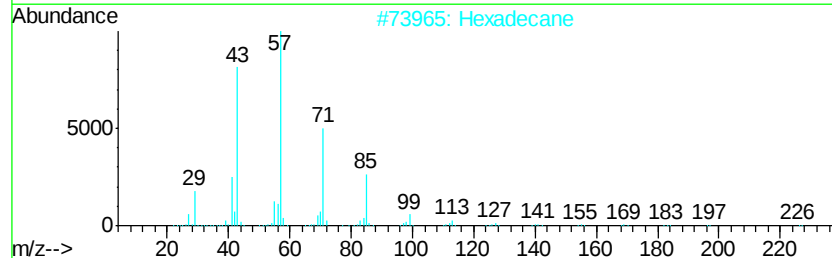
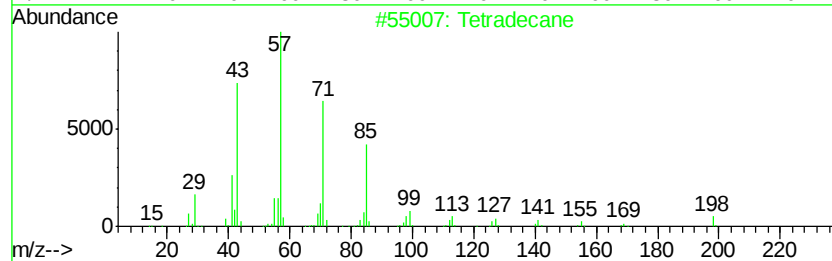
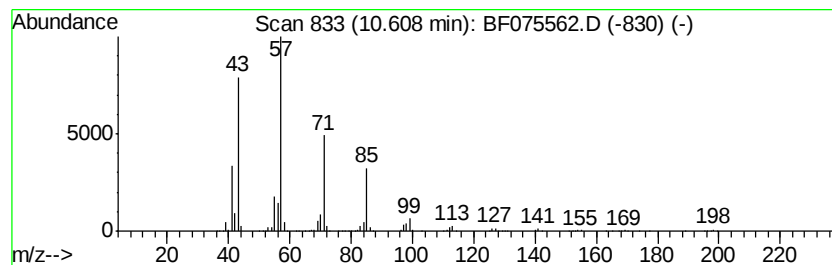
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	64.28 ng	5833220	Acenaphthene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Undecane	156	C11H24	001120-21-4	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

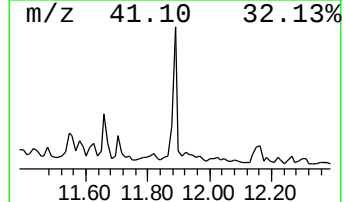
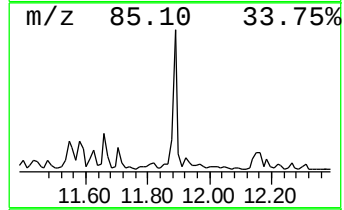
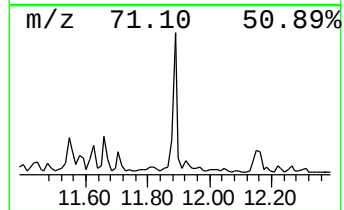
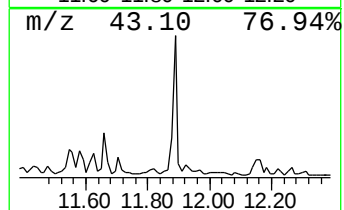
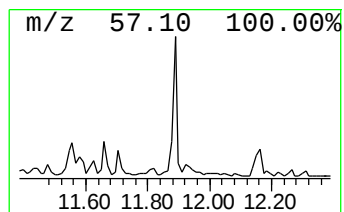
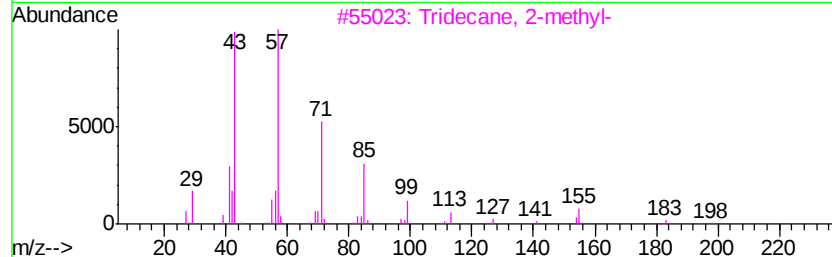
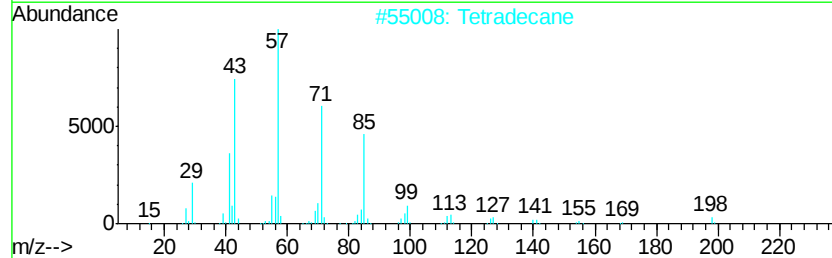
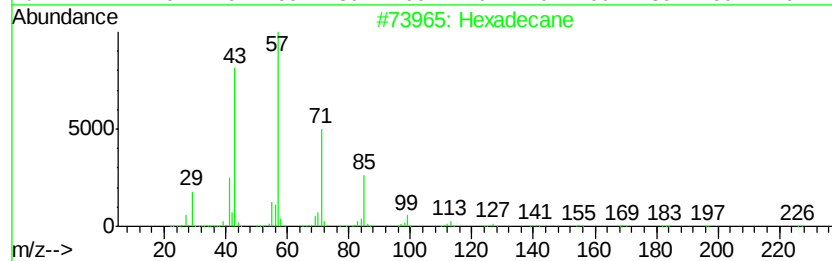
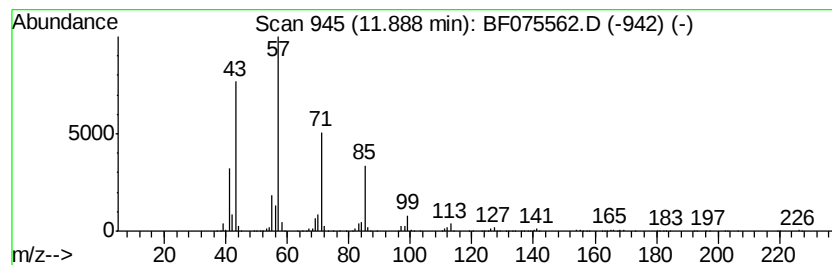
Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	37.67 ng	3419110	Acenaphthene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

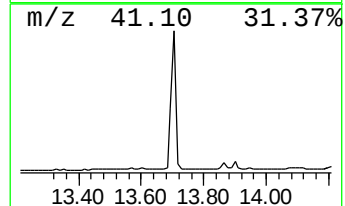
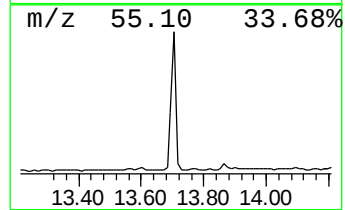
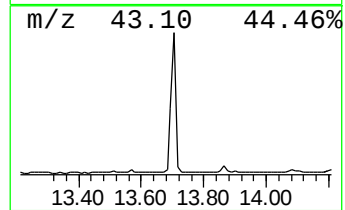
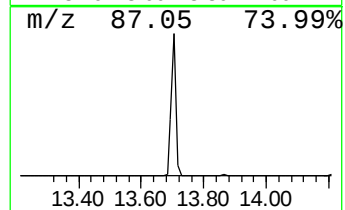
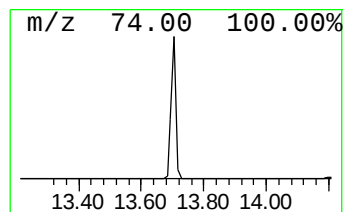
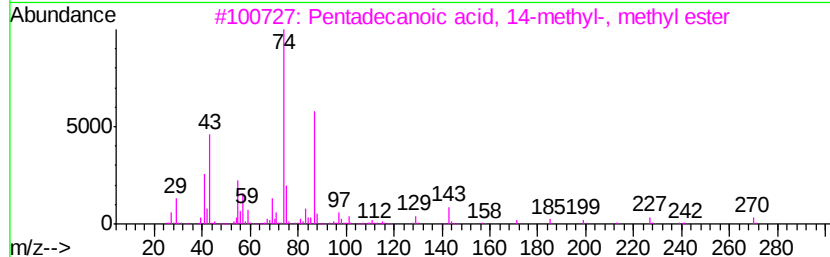
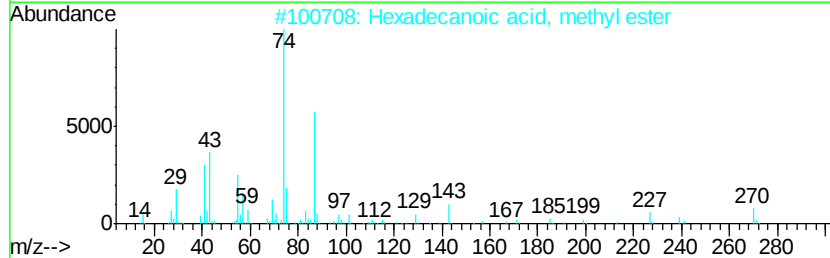
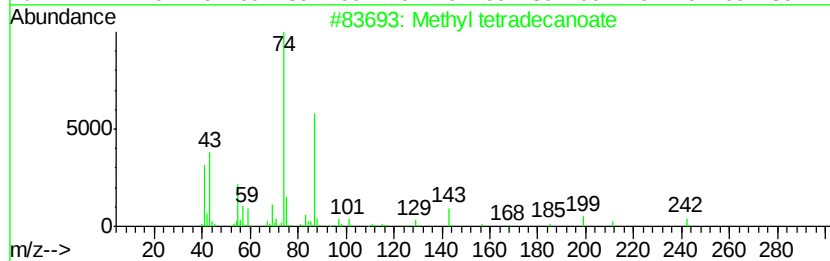
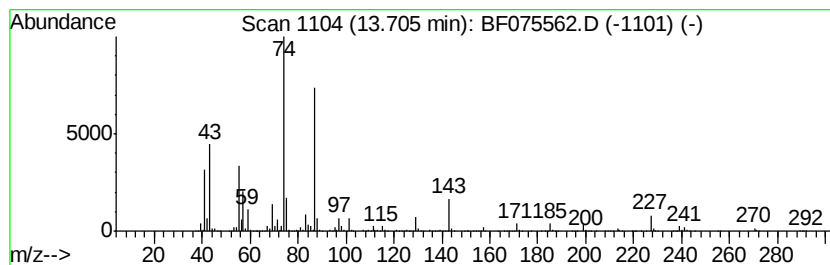
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl tetradecanoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	239.24 ng	6368930	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4		9-Octadecenoic acid, 12-(acetylo...	354	C21H38O4	000140-03-4	91
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

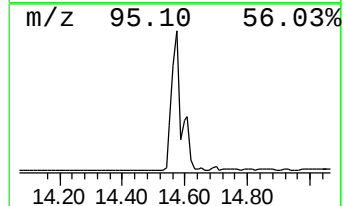
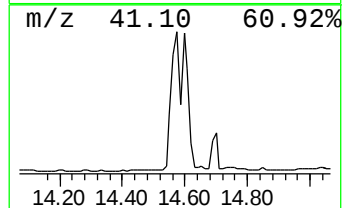
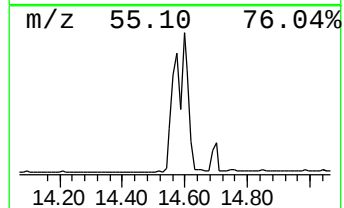
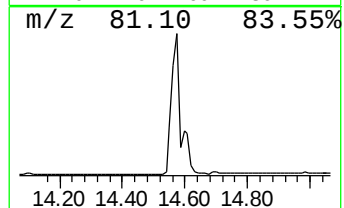
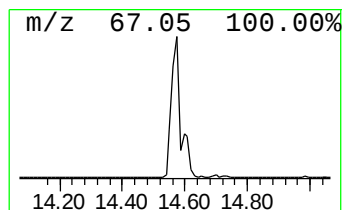
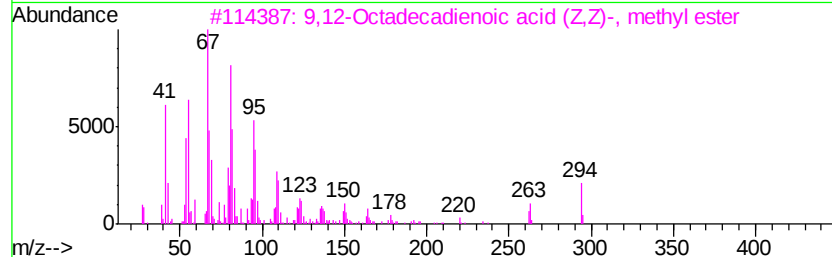
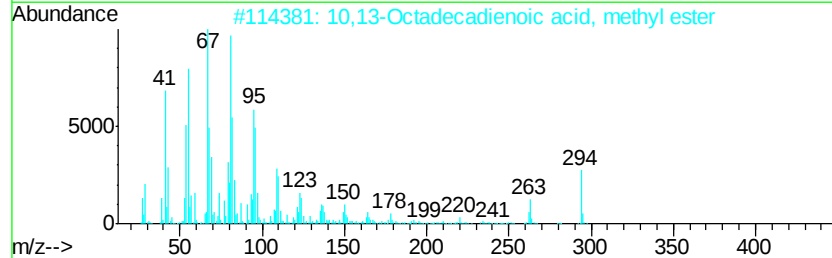
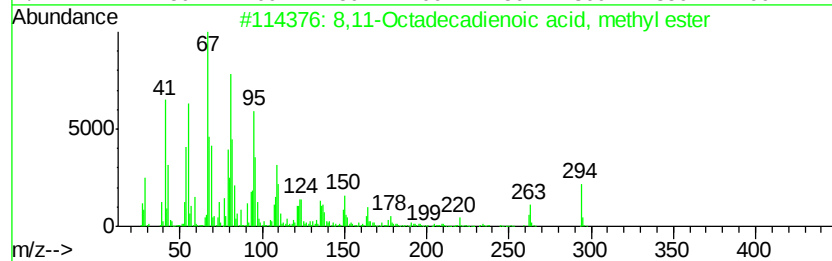
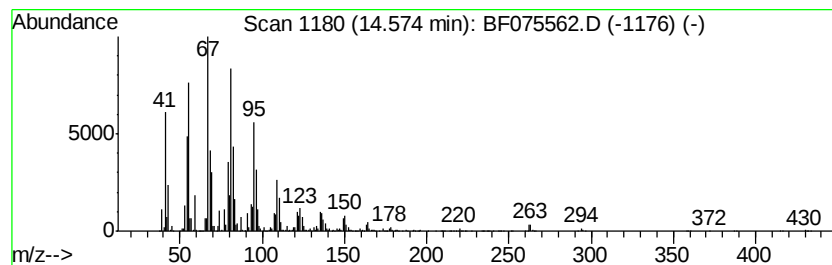
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 8,11-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	619.10 ng	16481500	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
5		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075562.D
Acq On : 16 Nov 2014 1:12
Operator : TP / JJ
Sample : F4695-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-175(5-7)

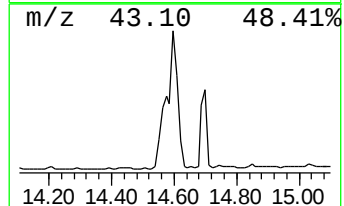
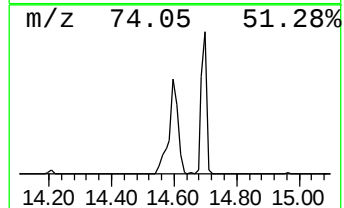
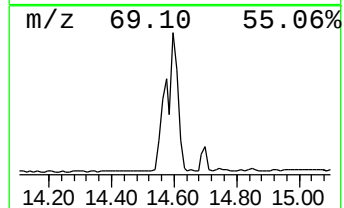
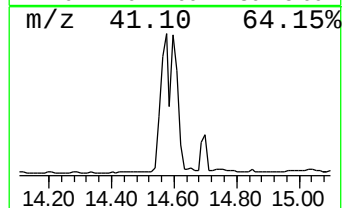
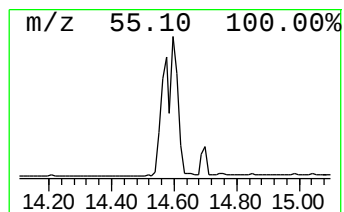
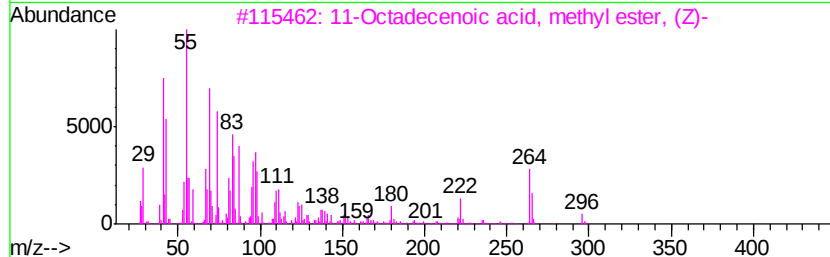
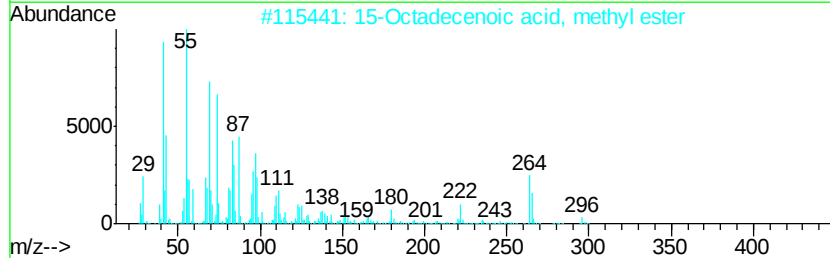
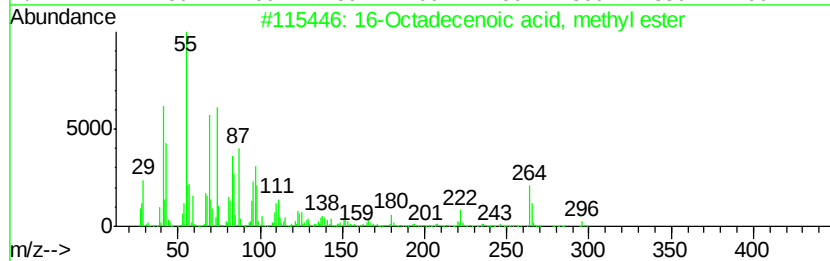
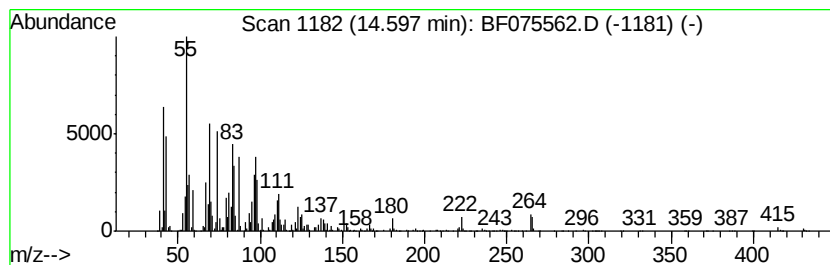
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	468.00 ng	12458900	Phenanthrene-d10	13.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3		11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	97
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
5		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075562.D
 Acq On : 16 Nov 2014 1:12
 Operator : TP / JJ
 Sample : F4695-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-175(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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
unknown1.61	1.61	248.6	ng	3760020	1	7.56	302448	20.0
2-Pentanone, 4-hy...	5.35	44.2	ng	668315	1	7.56	302448	20.0
unknown7.27	7.27	86.2	ng	1303120	1	7.56	302448	20.0
Benzene, 1-methyl...	7.90	30.7	ng	463719	1	7.56	302448	20.0
Benzene, 1-ethyl-...	7.96	64.6	ng	976465	1	7.56	302448	20.0
Benzene, 2-ethyl-...	8.13	44.3	ng	669924	1	7.56	302448	20.0
Benzene, 1-ethyl-...	8.16	33.8	ng	511051	1	7.56	302448	20.0
Benzene, 1,2,3,5-...	8.50	42.4	ng	1593000	2	9.13	751464	20.0
Benzene, 1,2,3,4-...	8.54	54.8	ng	2057580	2	9.13	751464	20.0
Benzene, 1-methyl...	8.72	31.6	ng	1187960	2	9.13	751464	20.0
Tetradecane	10.61	64.3	ng	5833220	3	11.32	1815070	20.0
Hexadecane	11.89	37.7	ng	3419110	3	11.32	1815070	20.0
Methyl tetradecan...	13.71	239.2	ng	6368930	4	13.17	532437	20.0
8,11-Octadecadien...	14.57	619.1	ng	16481500	4	13.17	532437	20.0
16-Octadecenoic a...	14.60	468.0	ng	12458900	4	13.17	532437	20.0