

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076806.D
 Acq On : 10 Jan 2015 2:48
 Operator : IZ / TP
 Sample : G1052-02
 Misc : S DOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

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-BF010915.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	1.487	34	35	47	rVB	330792	538219	19.39%	1.035%
2	4.242	273	276	283	rBV	94116	204122	7.35%	0.393%
3	5.167	354	357	366	rBV	387855	679188	24.47%	1.306%
4	7.488	557	560	565	rBV	462793	724497	26.10%	1.393%
5	7.579	565	568	572	rVB	439070	743002	26.77%	1.429%
6	8.082	609	612	616	rVV2	134851	292815	10.55%	0.563%
7	8.208	620	623	625	rVV	72934	140730	5.07%	0.271%
8	8.276	625	629	634	rVV	402667	701913	25.29%	1.350%
9	8.402	637	640	643	rVV	368717	708739	25.54%	1.363%
10	8.459	643	645	647	rVV	80309	152403	5.49%	0.293%
11	8.505	647	649	652	rVV	132127	256220	9.23%	0.493%
12	8.573	652	655	660	rVV4	151393	342555	12.34%	0.659%
13	8.665	660	663	665	rVV2	81750	150205	5.41%	0.289%
14	8.779	670	673	680	rVV5	100881	363795	13.11%	0.700%
15	8.893	680	683	685	rVV	140094	323246	11.65%	0.622%
16	8.962	687	689	692	rVV2	96258	170577	6.15%	0.328%
17	9.053	692	697	701	rVB3	162192	462536	16.66%	0.890%
18	9.145	701	705	710	rBV3	100656	382952	13.80%	0.737%
19	9.259	710	715	719	rVV5	163088	591307	21.30%	1.137%
20	9.385	723	726	729	rVV2	348414	856924	30.87%	1.648%
21	9.442	729	731	733	rVV2	95147	194995	7.03%	0.375%
22	9.488	733	735	737	rVV	157291	291537	10.50%	0.561%
23	9.591	741	744	747	rVV2	187440	529127	19.06%	1.018%
24	9.659	747	750	752	rVV3	186155	429724	15.48%	0.827%
25	9.705	752	754	756	rVV2	132218	305306	11.00%	0.587%
26	9.751	756	758	764	rVV5	109389	491533	17.71%	0.945%
27	9.842	764	766	769	rVV2	179676	473005	17.04%	0.910%
28	9.899	769	771	776	rVB2	479769	1328798	47.88%	2.556%
29	10.082	784	787	789	rBV	502013	799558	28.81%	1.538%
30	10.162	789	794	796	rVV3	426436	798021	28.75%	1.535%
31	10.208	796	798	800	rVV2	119351	211446	7.62%	0.407%
32	10.242	800	801	804	rVB3	131190	160987	5.80%	0.310%
33	10.334	804	809	812	rBV3	207913	490033	17.66%	0.943%
34	10.436	815	818	819	rBV	128144	251207	9.05%	0.483%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076806.D
 Acq On : 10 Jan 2015 2:48
 Operator : IZ / TP
 Sample : G1052-02
 Misc : S DOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

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-BF010915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.516	823	825	829	rVB3	324938	778801	28.06%	1.498%
36	10.608	829	833	837	rVB4	224542	386103	13.91%	0.743%
37	10.688	837	840	845	rVB	395641	805417	29.02%	1.549%
38	10.791	845	849	853	rBV2	337958	845238	30.45%	1.626%
39	10.996	861	867	869	rBV3	348130	973756	35.08%	1.873%
40	11.054	869	872	879	rVB5	188113	639507	23.04%	1.230%
41	11.248	887	889	892	rVV	743898	1322096	47.63%	2.543%
42	11.397	900	902	903	rVV2	103693	182707	6.58%	0.351%
43	11.442	903	906	908	rVB	974209	1465644	52.81%	2.819%
44	11.499	908	911	913	rVB3	113479	197798	7.13%	0.380%
45	11.579	913	918	923	rBV4	342584	813581	29.31%	1.565%
46	11.659	923	925	928	rVB2	173601	308333	11.11%	0.593%
47	11.854	939	942	947	rVB4	140969	356808	12.86%	0.686%
48	11.934	947	949	953	rBV3	114272	241625	8.71%	0.465%
49	12.037	953	958	962	rVB2	269024	730907	26.33%	1.406%
50	12.117	962	965	969	rBV3	240443	541901	19.52%	1.042%
51	12.197	969	972	976	rVB2	486020	926026	33.36%	1.781%
52	12.299	976	981	986	rBV	843877	2047382	73.77%	3.938%
53	12.391	986	989	993	rVB2	325732	709683	25.57%	1.365%
54	12.471	993	996	999	rBV3	69493	180684	6.51%	0.348%
55	12.539	999	1002	1005	rBV3	98044	312502	11.26%	0.601%
56	12.722	1014	1018	1021	rVB	1634150	2775525	100.00%	5.338%
57	12.860	1027	1030	1032	rVV	146180	318057	11.46%	0.612%
58	12.940	1034	1037	1041	rVV	252396	484805	17.47%	0.932%
59	13.008	1041	1043	1048	rVB5	85187	229509	8.27%	0.441%
60	13.168	1054	1057	1059	rBV2	111871	225093	8.11%	0.433%
61	13.340	1070	1072	1075	rVV	251566	541809	19.52%	1.042%
62	13.385	1075	1076	1079	rVV	135104	215784	7.77%	0.415%
63	13.431	1079	1080	1084	rVV2	117226	214267	7.72%	0.412%
64	13.511	1084	1087	1089	rVV2	119397	247029	8.90%	0.475%
65	13.580	1091	1093	1096	rVB	278767	527846	19.02%	1.015%
66	13.648	1096	1099	1104	rBV2	552299	1101499	39.69%	2.119%
67	13.740	1104	1107	1115	rVB	648636	1318049	47.49%	2.535%
68	13.877	1115	1119	1121	rBV3	123179	250687	9.03%	0.482%
69	14.014	1129	1131	1133	rVV2	85718	177145	6.38%	0.341%
70	14.082	1133	1137	1142	rVB	1189050	2173739	78.32%	4.181%
71	14.242	1149	1151	1154	rVB3	103972	189943	6.84%	0.365%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076806.D
 Acq On : 10 Jan 2015 2:48
 Operator : IZ / TP
 Sample : G1052-02
 Misc : S DOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

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-BF010915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.345	1158	1160	1164	rVV4	60021	179005	6.45%	0.344%
73	14.471	1168	1171	1174	rVB	257175	462778	16.67%	0.890%
74	14.723	1187	1193	1197	rVB5	170370	659482	23.76%	1.268%
75	14.837	1197	1203	1206	rBV	462298	1002892	36.13%	1.929%
76	14.894	1206	1208	1210	rVB	140289	206298	7.43%	0.397%
77	14.951	1210	1213	1217	rBV2	221050	483311	17.41%	0.930%
78	15.134	1226	1229	1232	rVB	180835	280184	10.09%	0.539%
79	15.351	1244	1248	1252	rVB	699599	1151321	41.48%	2.214%
80	15.877	1291	1294	1297	rBV4	51795	160731	5.79%	0.309%
81	16.048	1307	1309	1313	rVB	151910	247499	8.92%	0.476%
82	16.128	1313	1316	1322	rVB5	43937	159098	5.73%	0.306%
83	16.403	1337	1340	1342	rBV	372233	508375	18.32%	0.978%
84	16.768	1369	1372	1377	rBV2	403888	773937	27.88%	1.489%
85	17.214	1409	1411	1421	rVB2	263681	727245	26.20%	1.399%
86	17.854	1465	1467	1469	rBV	225396	296416	10.68%	0.570%
87	17.900	1469	1471	1472	rVV	135879	146989	5.30%	0.283%
88	17.934	1472	1474	1476	rVB	190246	240486	8.66%	0.463%
89	18.437	1516	1518	1522	rVB3	82889	148627	5.35%	0.286%
90	19.043	1570	1571	1575	rVB	93441	146158	5.27%	0.281%
91	19.420	1602	1604	1607	rBV	87379	157163	5.66%	0.302%
92	20.072	1659	1661	1663	rBV	609610	814159	29.33%	1.566%
93	20.174	1668	1670	1674	rBV	79859	148468	5.35%	0.286%
94	20.437	1691	1693	1695	rVB	150270	150297	5.42%	0.289%
95	21.340	1770	1772	1775	rVB	217552	344467	12.41%	0.663%
96	22.232	1847	1850	1855	rBV	110261	263519	9.49%	0.507%
97	22.598	1879	1882	1886	rBV4	83346	205075	7.39%	0.394%
98	22.998	1915	1917	1920	rVB	224852	252293	9.09%	0.485%
99	23.603	1967	1970	1973	rVB3	91473	175972	6.34%	0.338%
100	23.912	1995	1997	2002	rVB2	117244	201241	7.25%	0.387%

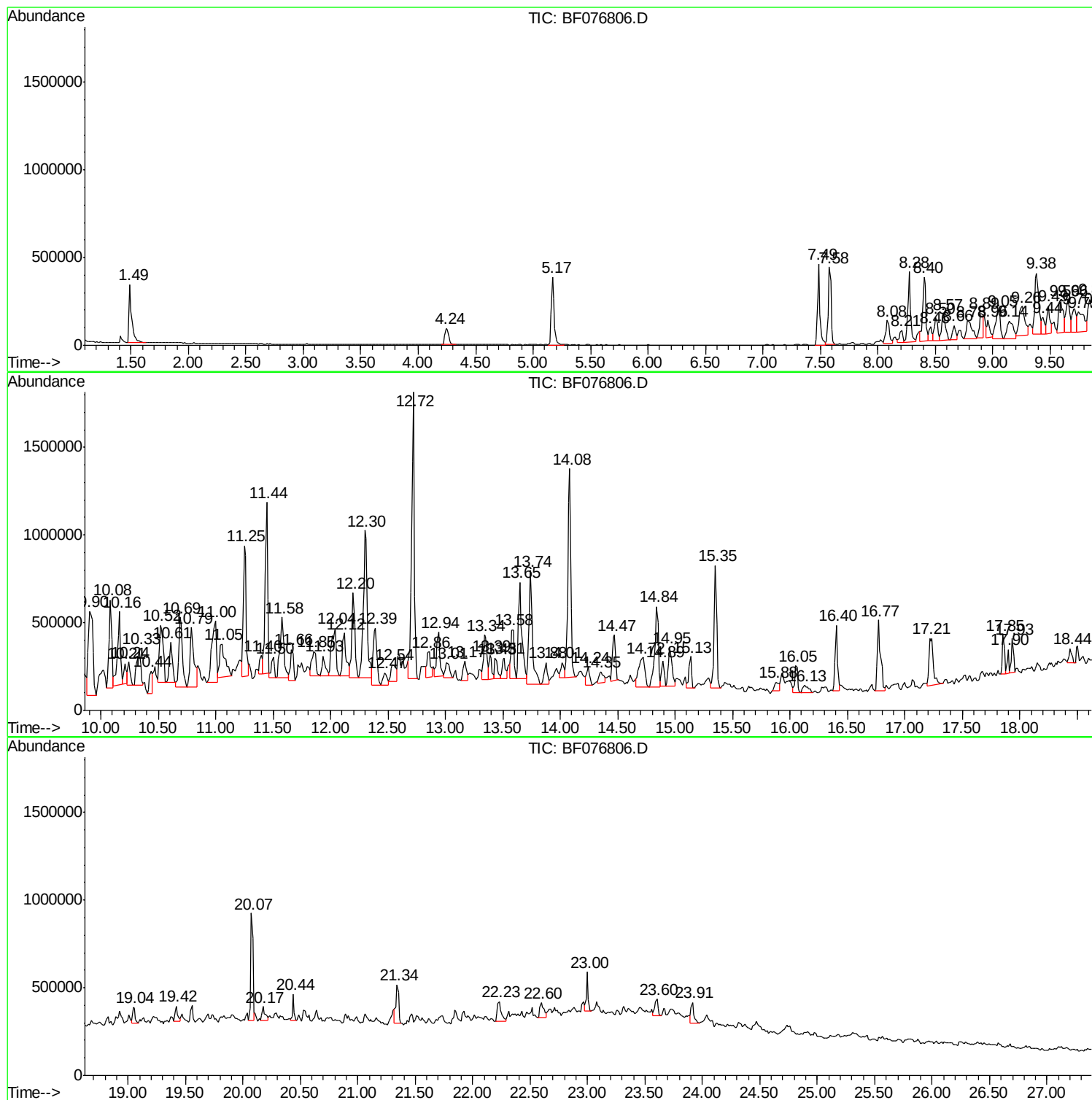
Sum of corrected areas: 51991993

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

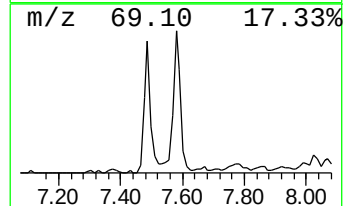
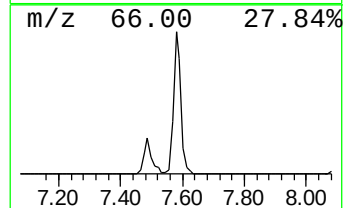
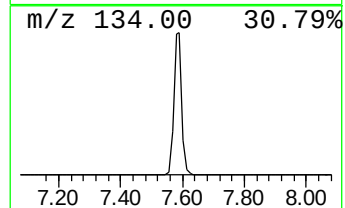
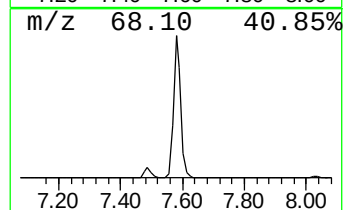
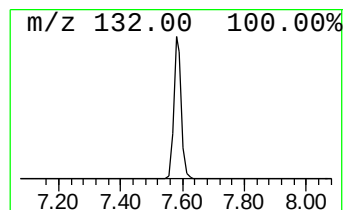
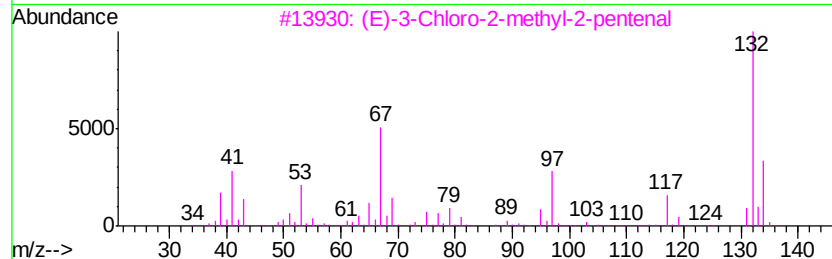
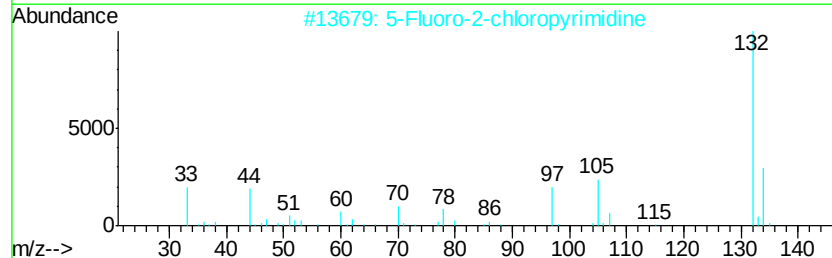
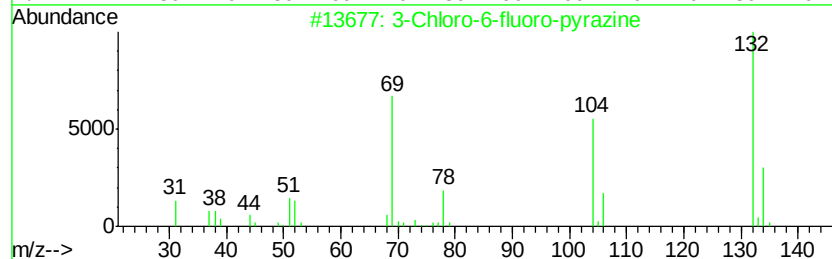
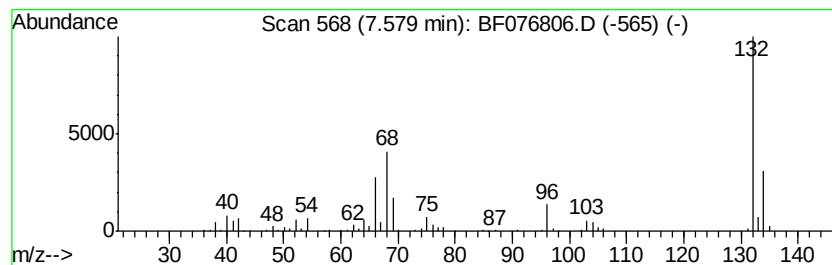
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	50.75 ng	743002	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

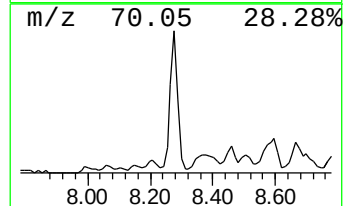
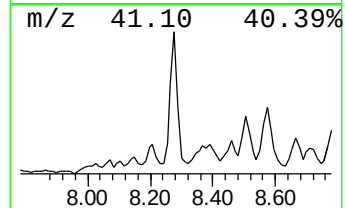
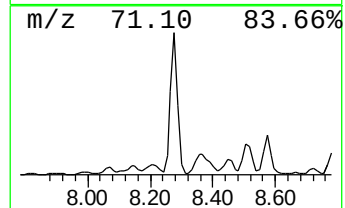
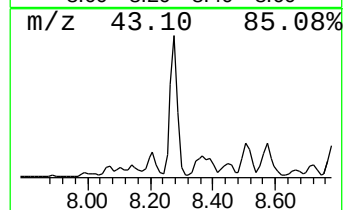
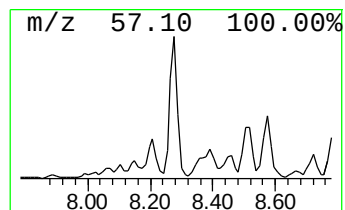
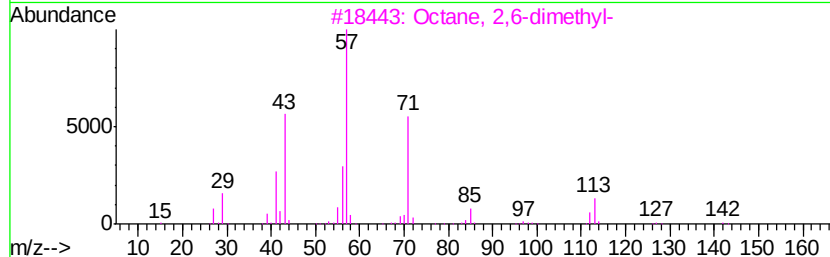
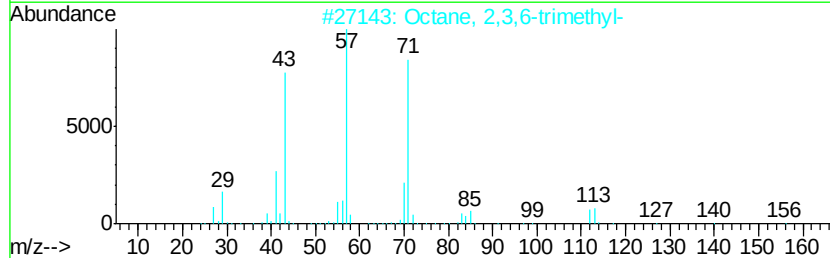
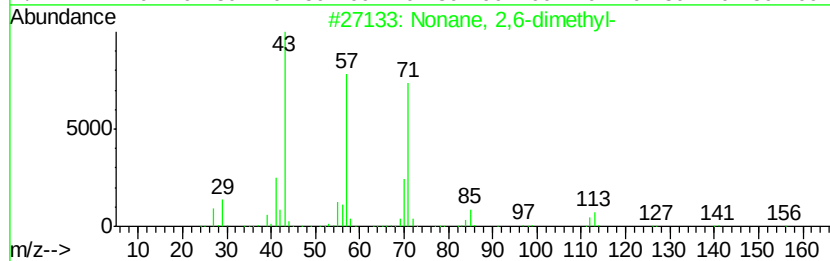
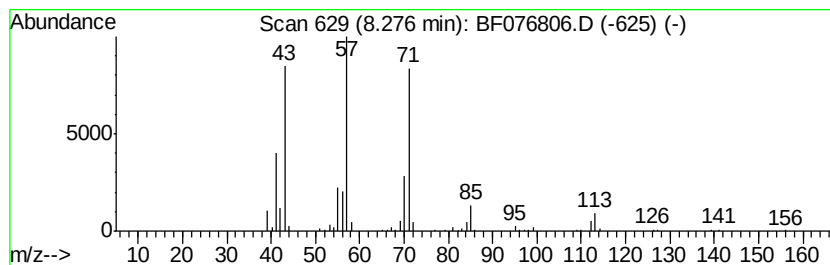
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	47.94 ng	701913	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
S8-0407

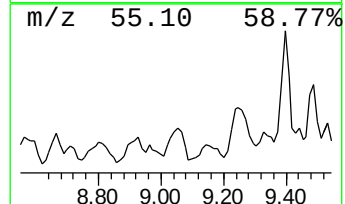
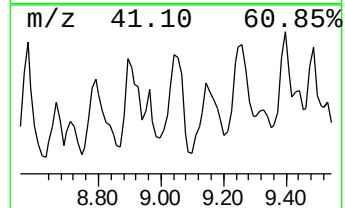
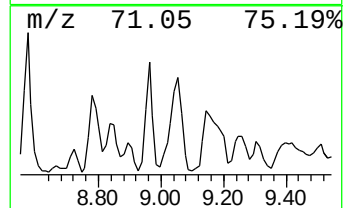
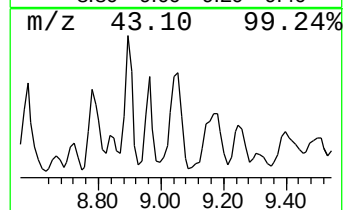
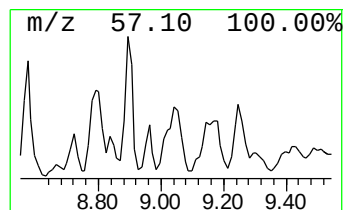
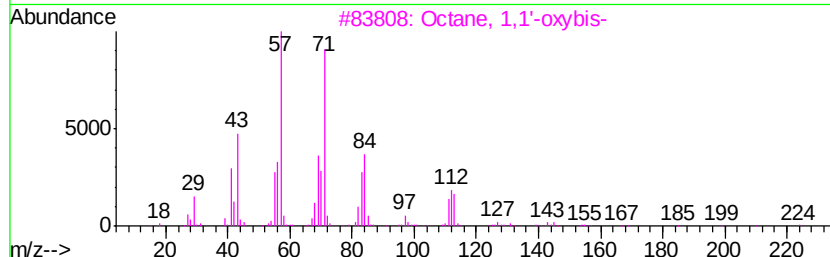
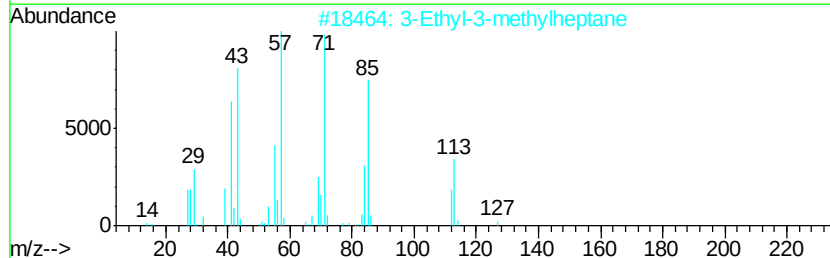
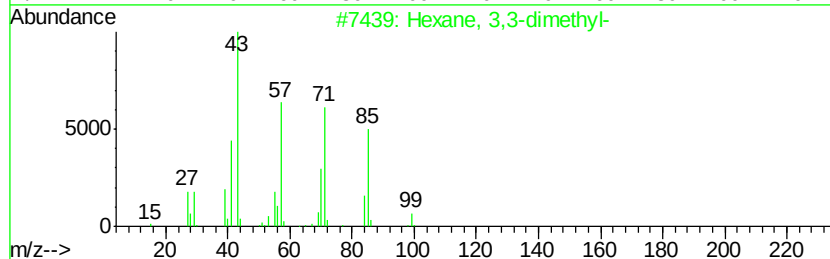
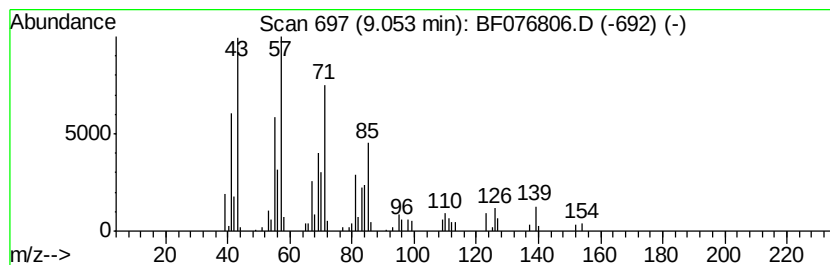
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexane, 3,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	31.59 ng	462536	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18		000563-16-6	50
2	3-Ethyl-3-methylheptane	142	C10H22		017302-01-1	50
3	Octane, 1,1'-oxybis-	242	C16H34O		000629-82-3	47
4	Isooctane, (ethenyloxy)-	156	C10H20O		037769-62-3	47
5	1-Pentanol, 4-methyl-2-propyl-	144	C9H20O		054004-41-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

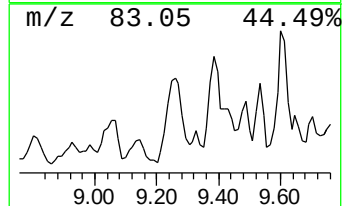
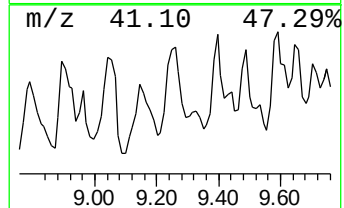
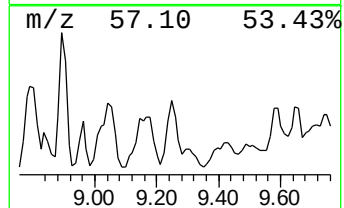
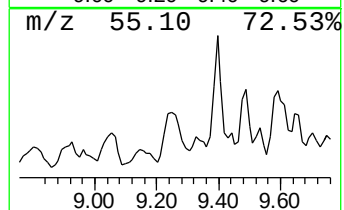
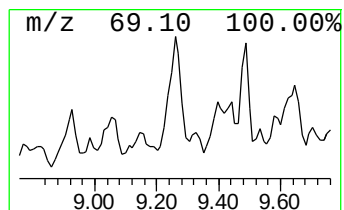
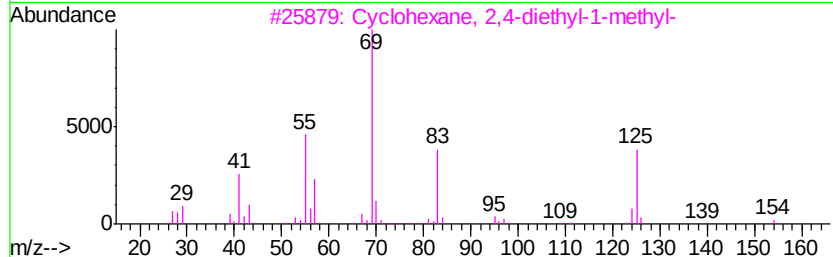
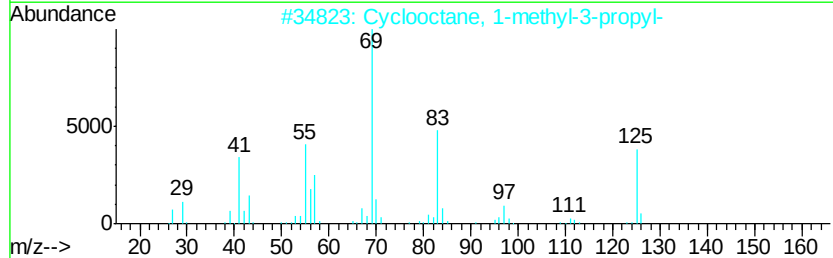
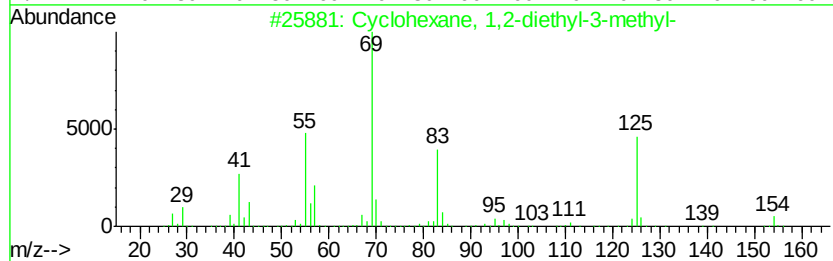
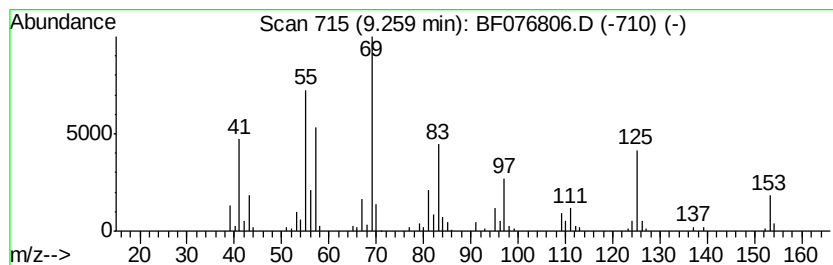
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	40.39 ng	591307	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	68
2		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59
3		Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	58
4		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	46
5		Triallylsilane	152	C9H16Si	001116-62-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

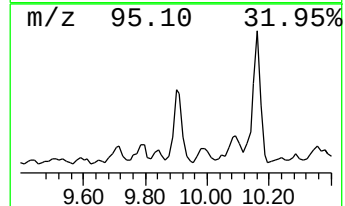
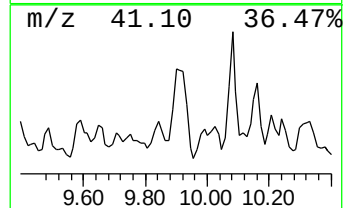
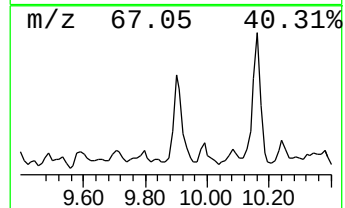
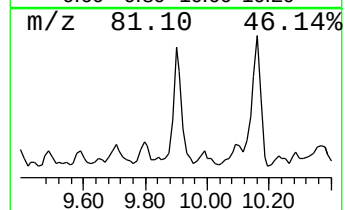
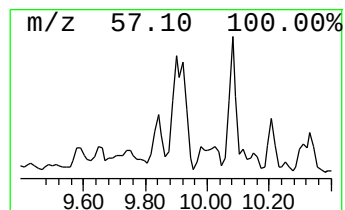
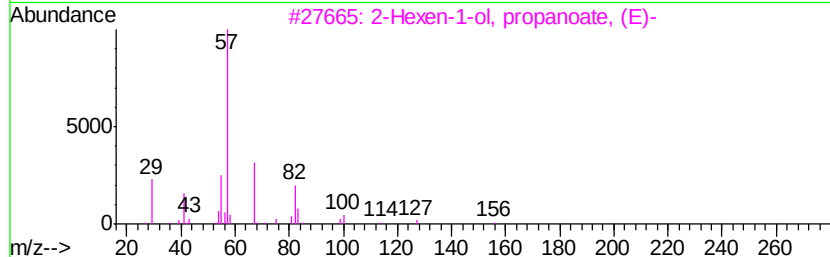
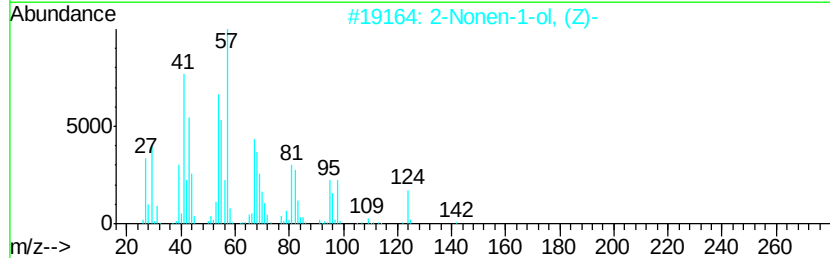
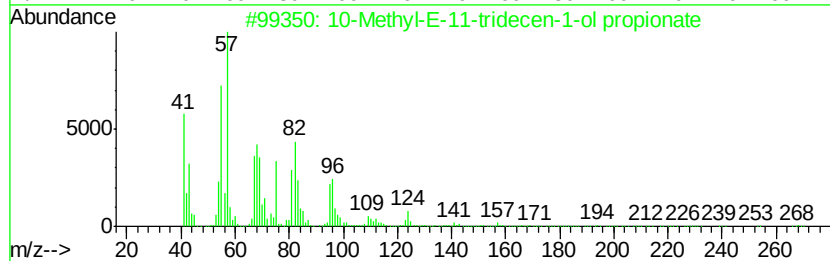
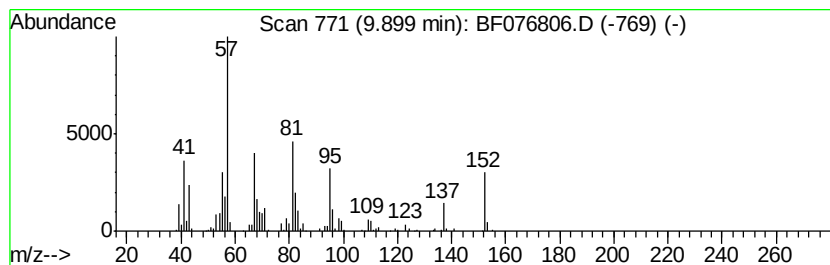
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.90 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	27.29 ng	1328800	Napthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methyl-E-11-tridecen-1-ol pro...	268	C17H32O2	1000130-97-4	43
2		2-Nonen-1-ol, (Z)-	142	C9H18O	041453-56-9	40
3		2-Hexen-1-ol, propanoate, (E)-	156	C9H16O2	053398-80-4	38
4		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	38
5		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

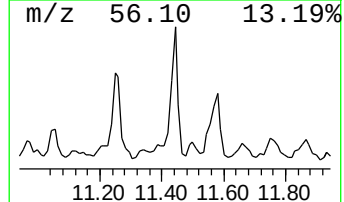
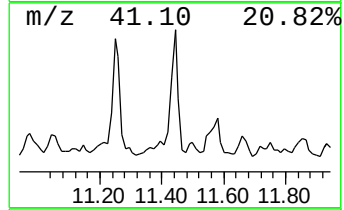
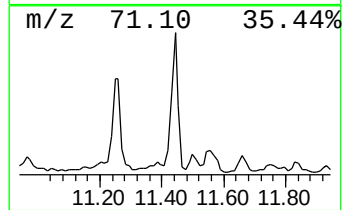
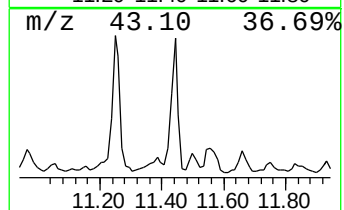
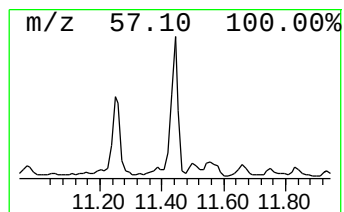
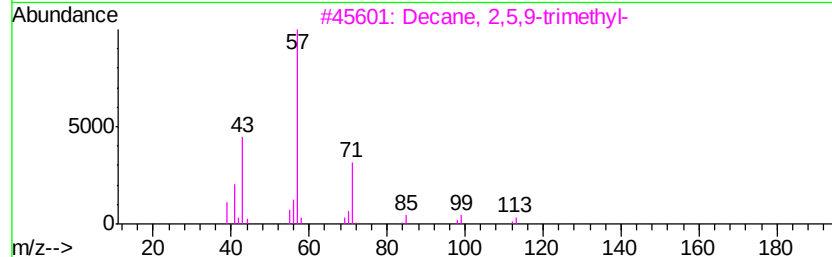
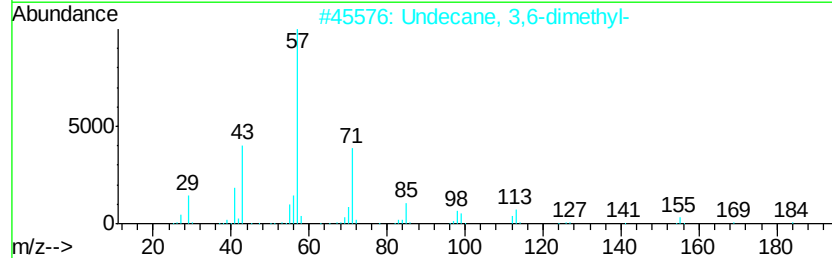
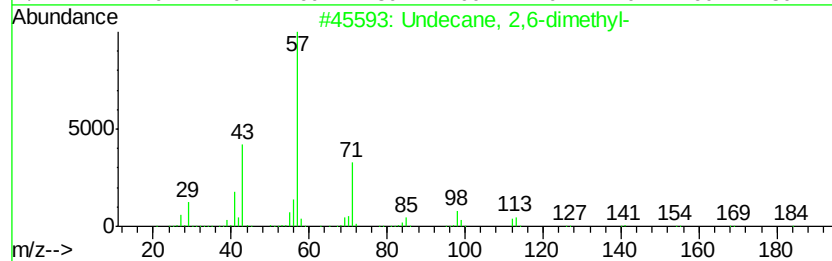
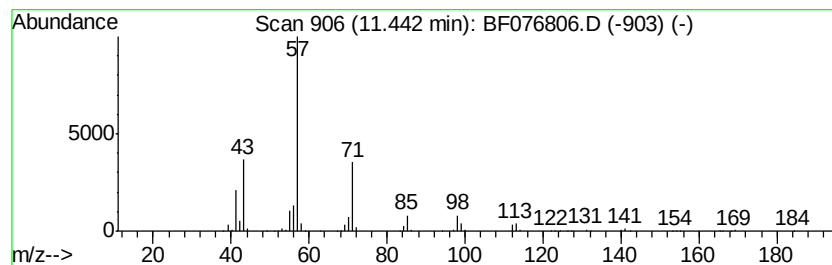
Instrument :
BNA_F
ClientSampleId :
S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.44	30.10 ng	1465640	Napthalene-d8	11.00	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	93	
2	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	78	
3	Decane, 2,5,9-trimethyl-	184 C13H28	062108-22-9	78	
4	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	76	
5	Dodecane, 6-methyl-	184 C13H28	006044-71-9	72	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

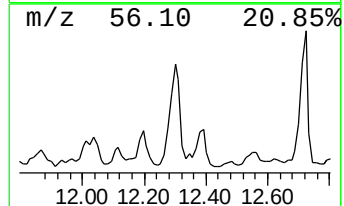
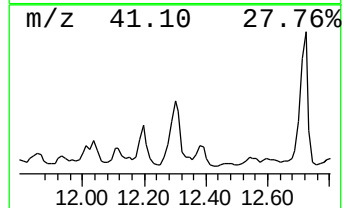
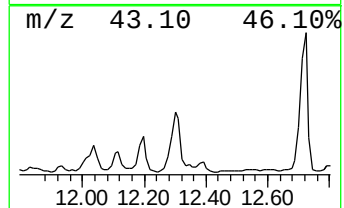
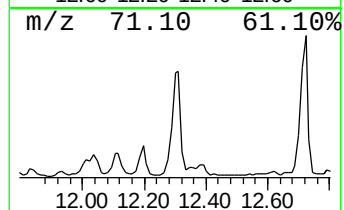
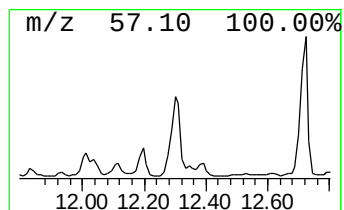
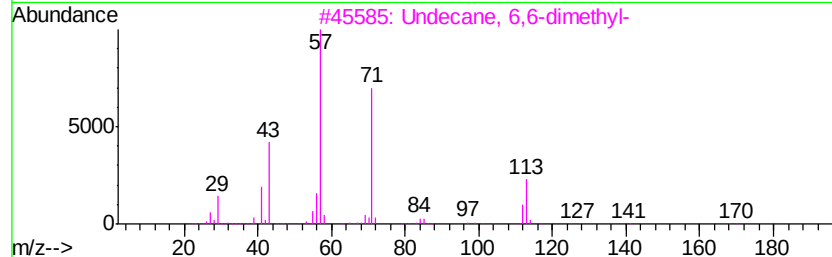
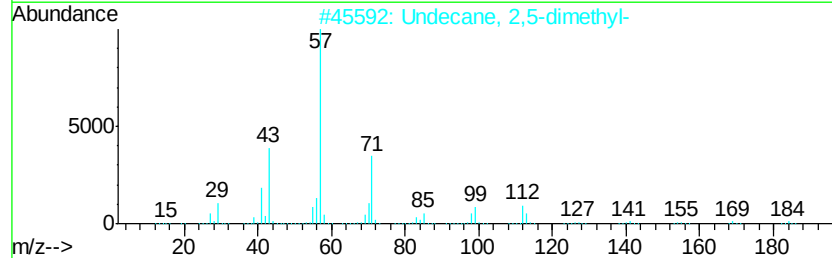
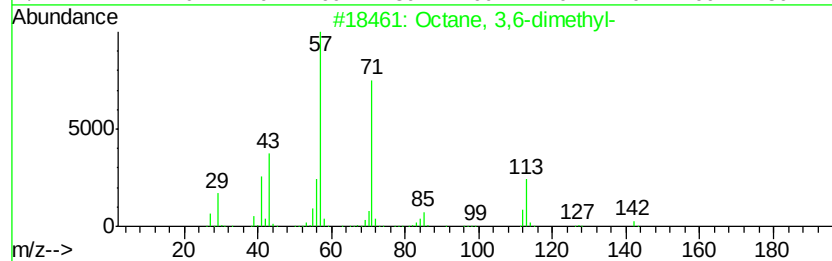
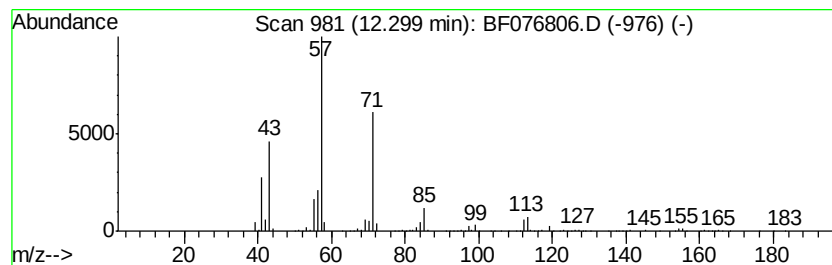
Instrument :
BNA_F
ClientSampled :
S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	42.05 ng	2047380	Napthalene-d8	11.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
2	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	64
3	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	59
4	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	59
5	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

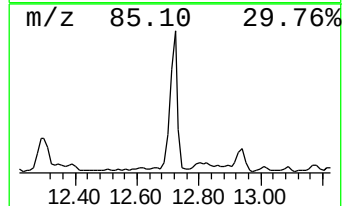
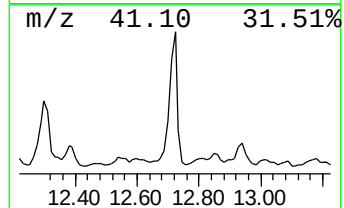
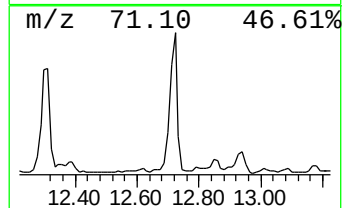
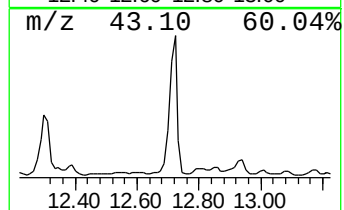
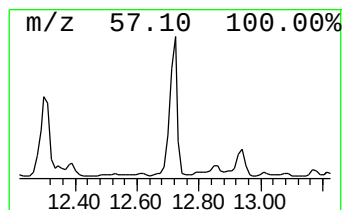
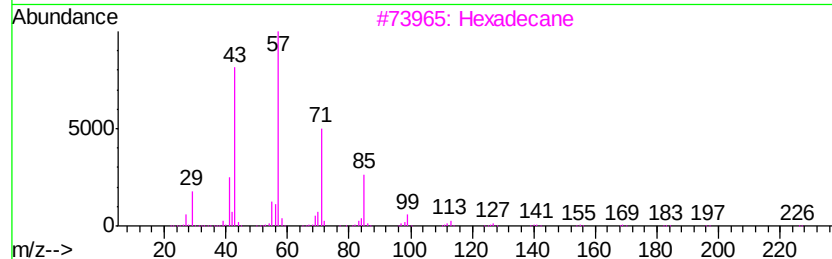
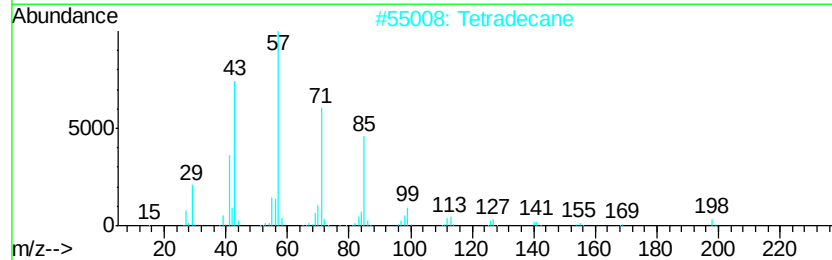
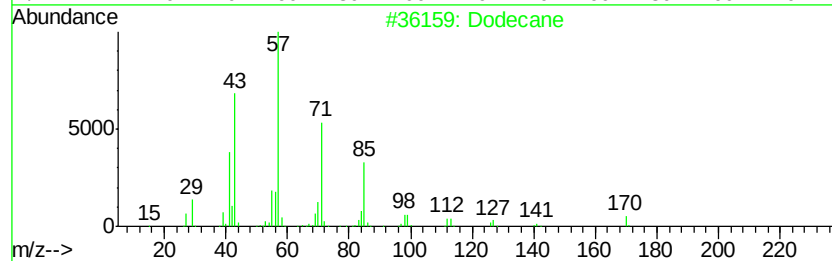
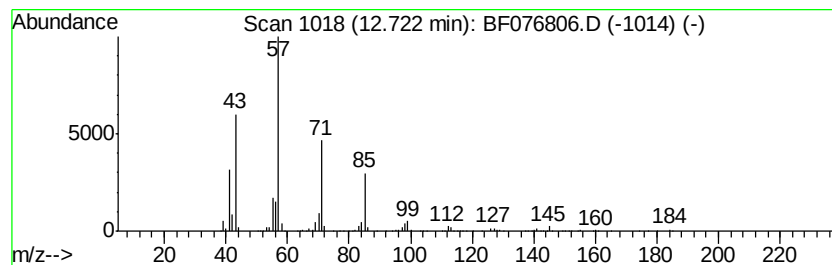
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	57.01 ng	2775530	Napthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	83
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

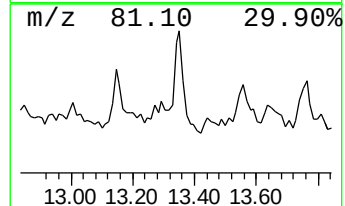
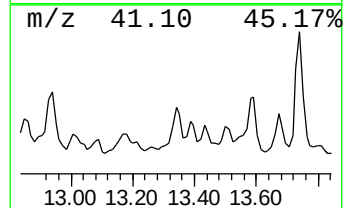
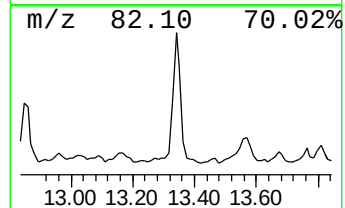
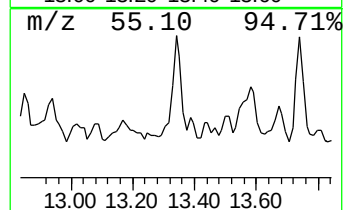
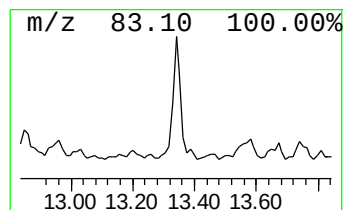
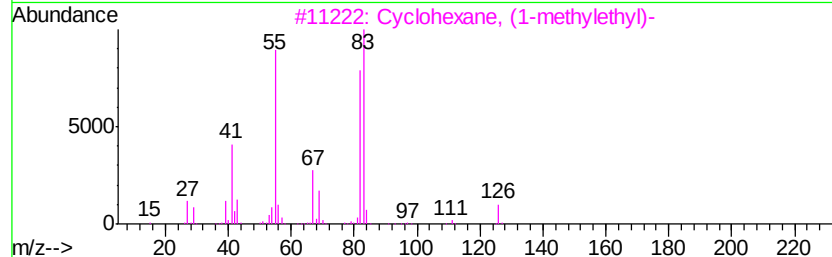
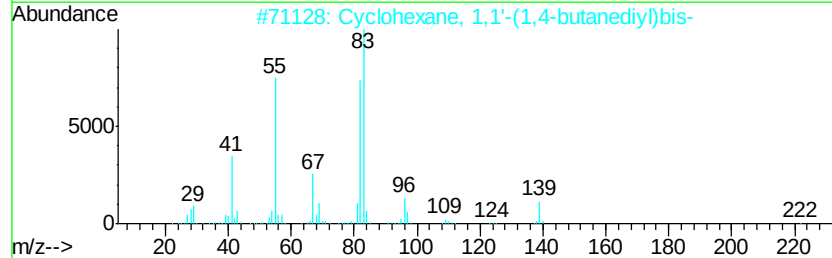
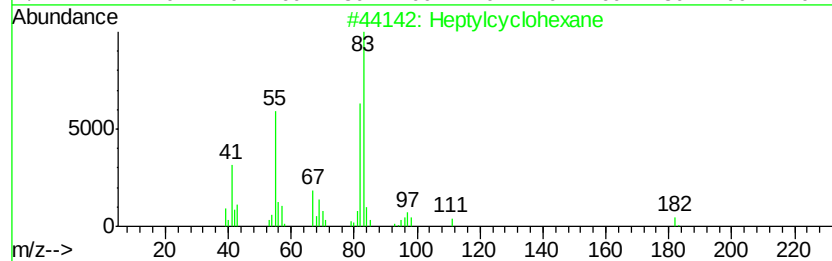
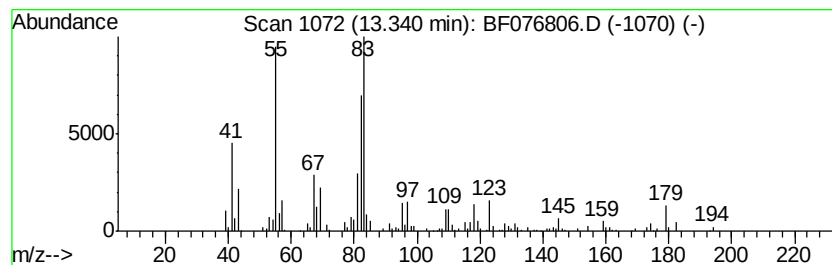
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	38.68 ng	541809	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	62
2		Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	53
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

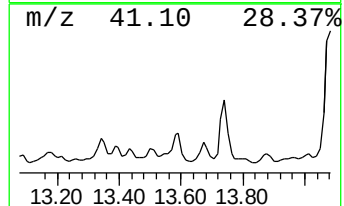
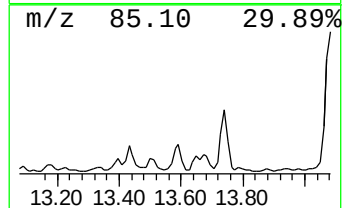
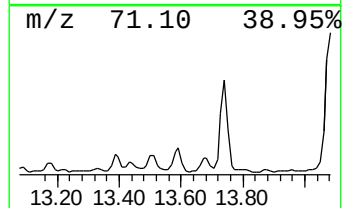
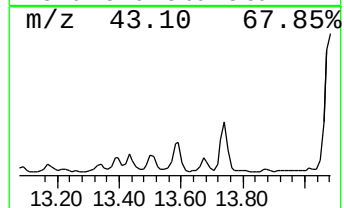
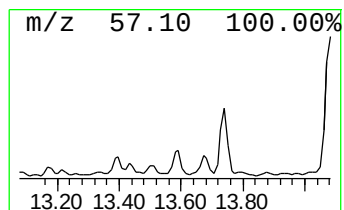
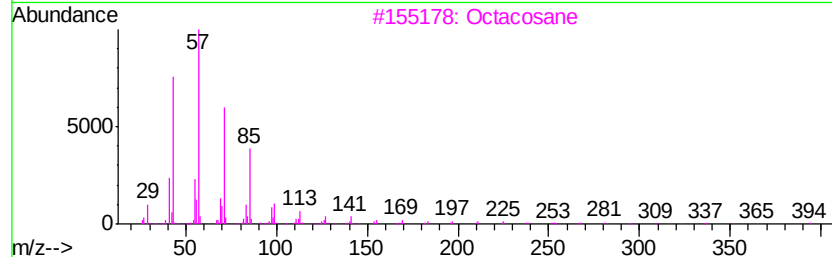
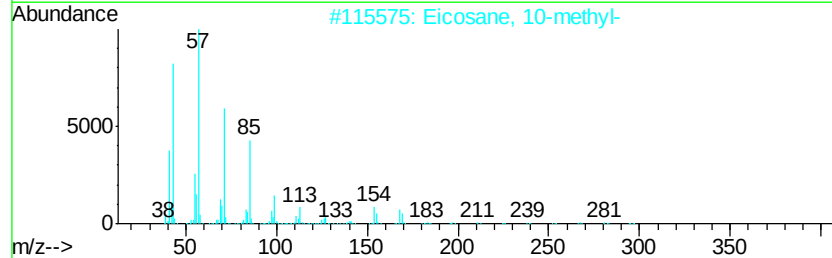
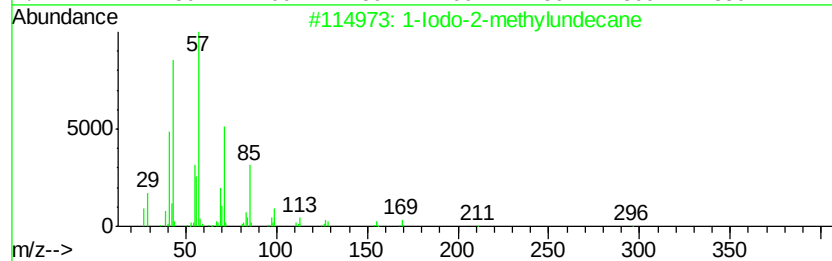
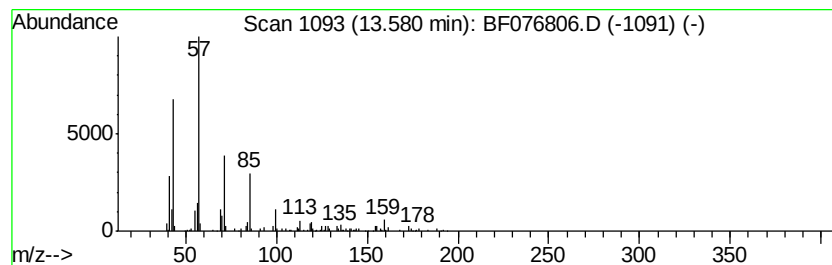
Instrument :
BNA_F
ClientSampleId :
S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Iodo-2-methylundecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	37.68 ng	527846	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 80
2		Eicosane, 10-methyl-	296 C21H44	054833-23-7 80
3		Octacosane	394 C28H58	000630-02-4 64
4		Hexadecane	226 C16H34	000544-76-3 64
5		Tridecane, 2-methyl-	198 C14H30	001560-96-9 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

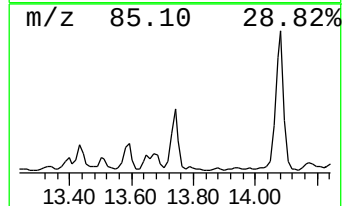
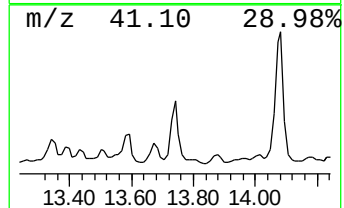
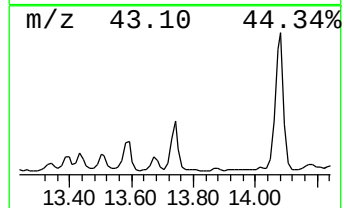
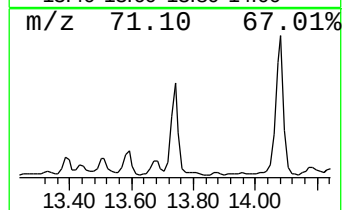
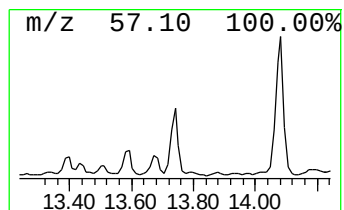
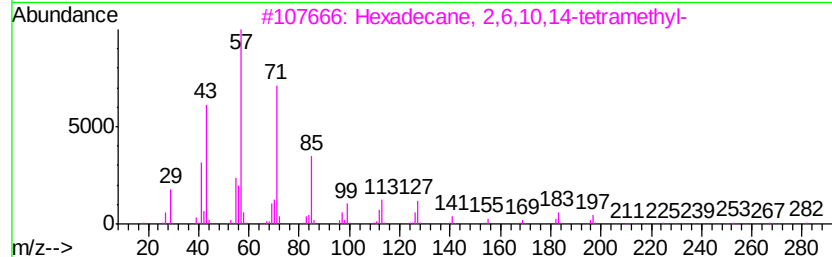
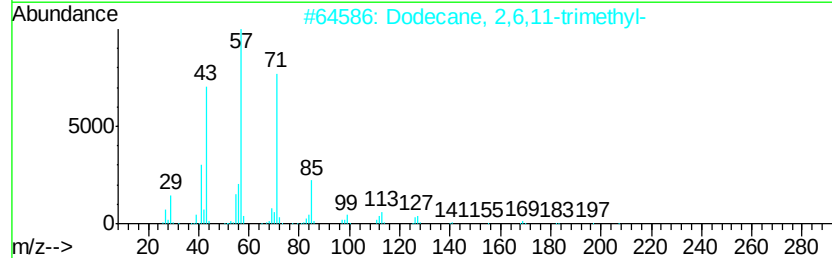
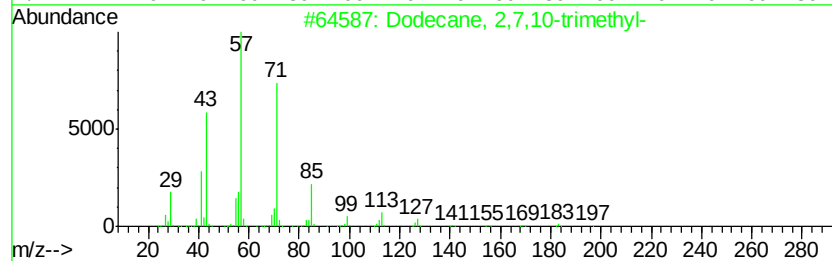
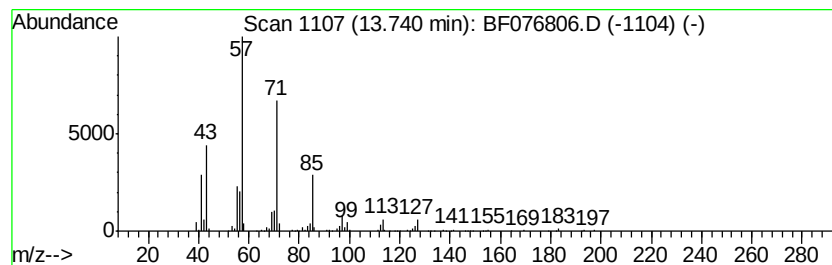
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	94.08 ng	1318050	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

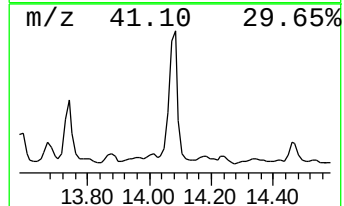
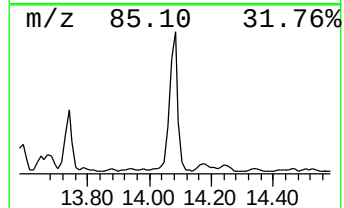
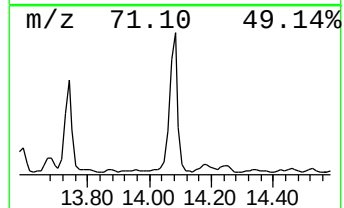
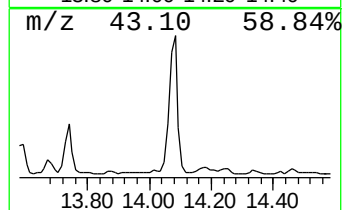
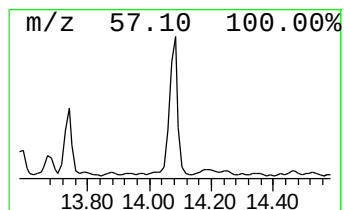
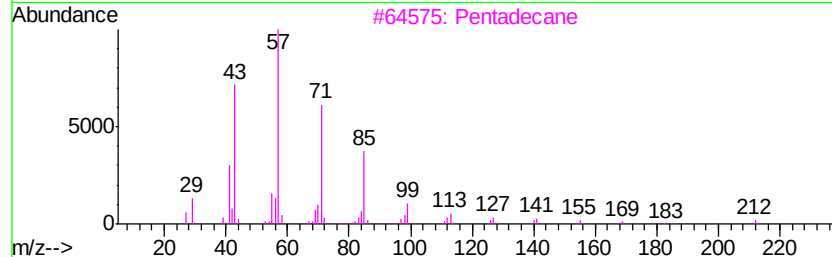
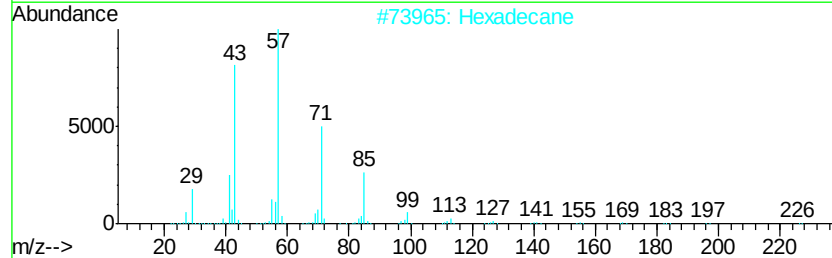
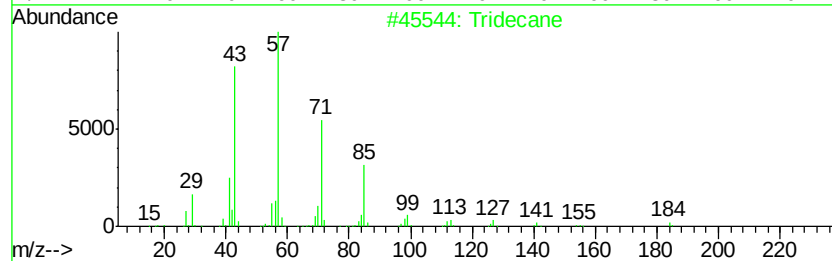
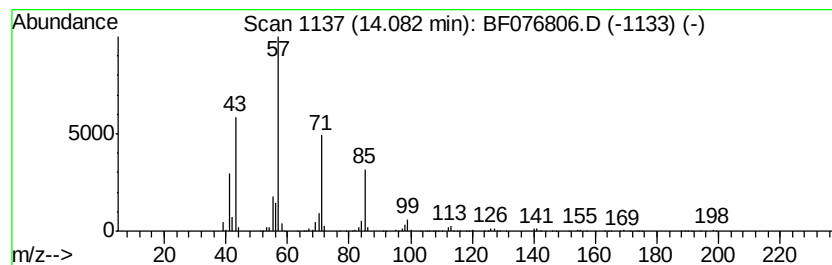
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	155.17 ng	2173740	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	78
4		Tetradecane	198	C14H30	000629-59-4	76
5		Decane	142	C10H22	000124-18-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

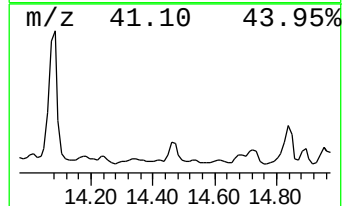
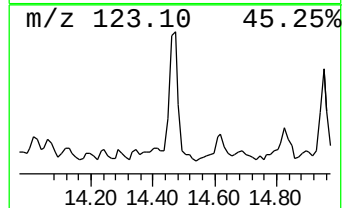
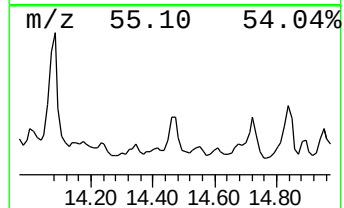
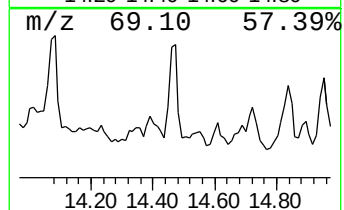
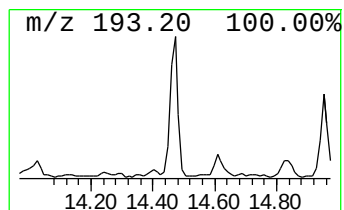
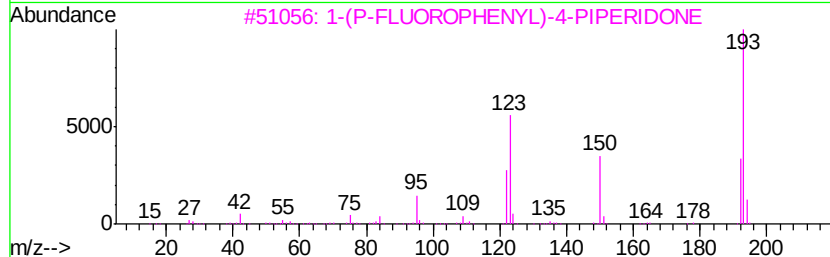
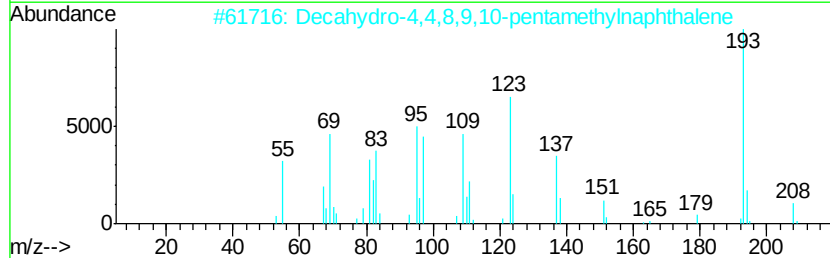
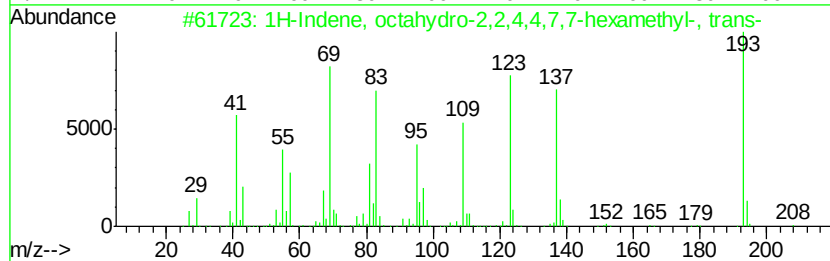
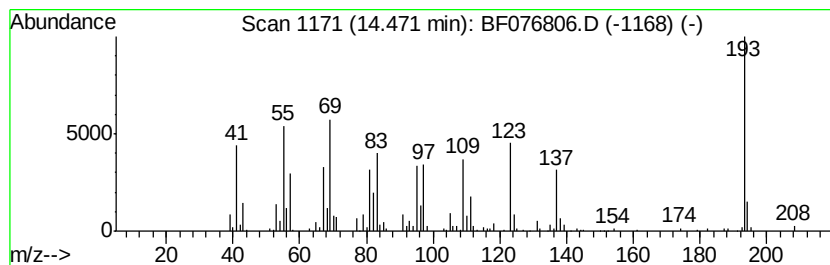
Instrument :
BNA_F
ClientSampleId :
S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Indene, octahydro-2,2,4,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	33.03 ng	462778	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6	53
2	Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3	53
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FNO	1000238-56-7	38
4	9-Phenanthrenamine	193 C14H11N	000947-73-9	27
5	Iminostilbene	193 C14H11N	000256-96-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

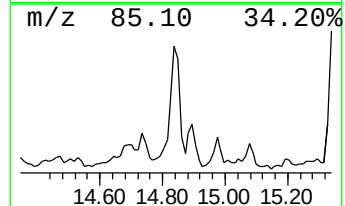
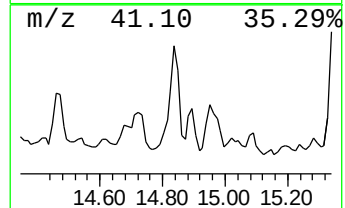
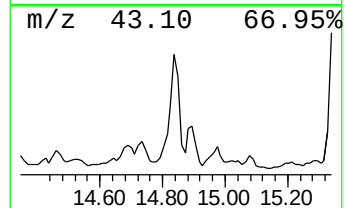
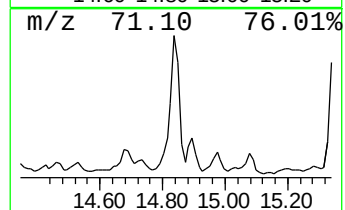
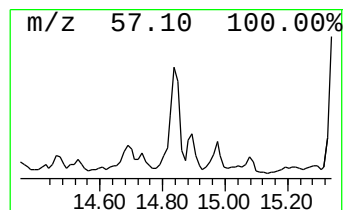
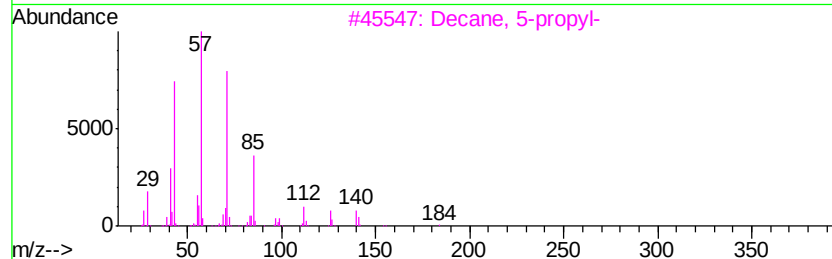
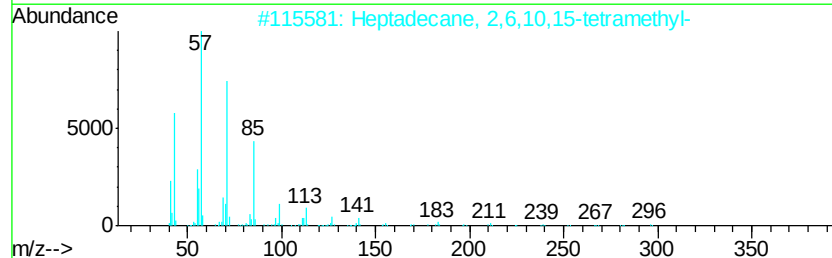
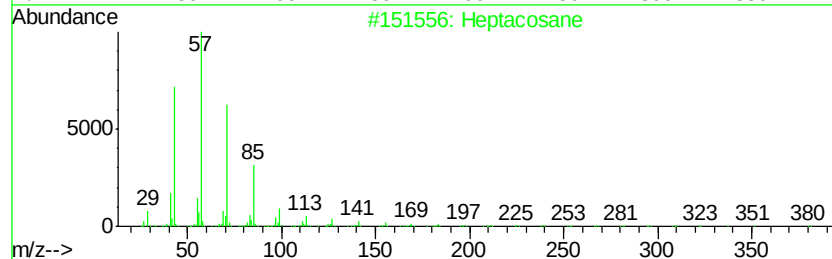
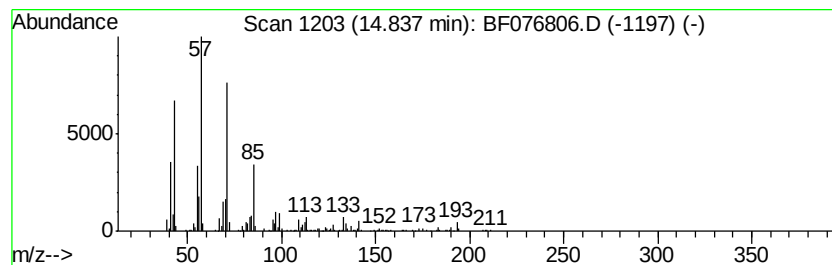
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	71.59 ng	1002890	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Decane, 5-propyl-	184	C13H28	017312-62-8	74
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

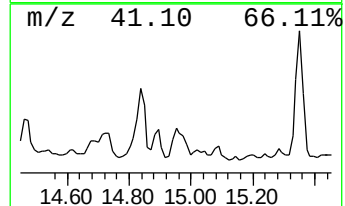
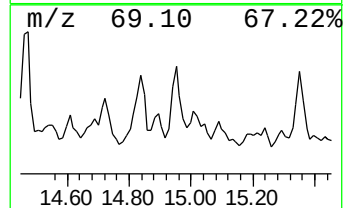
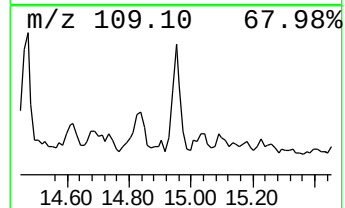
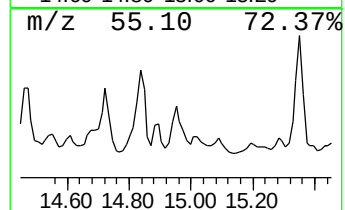
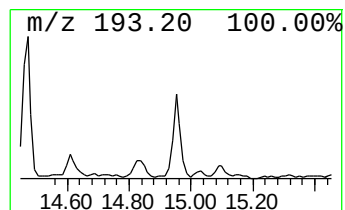
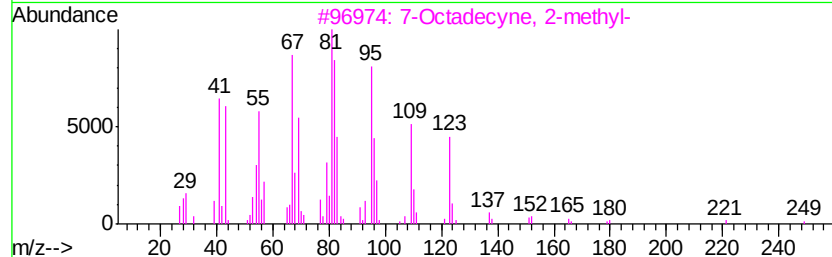
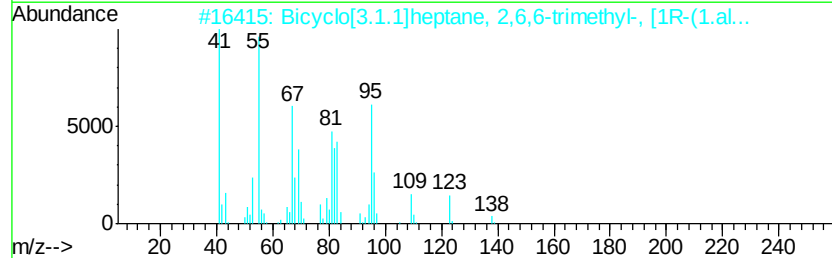
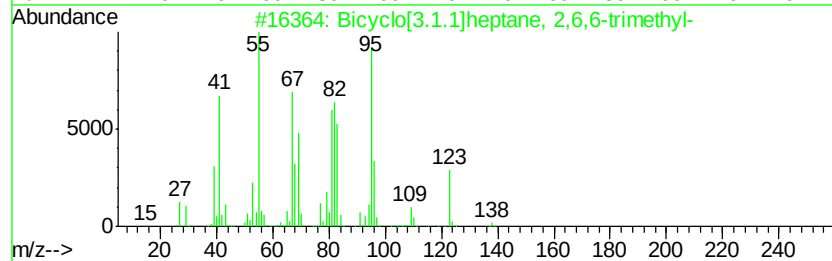
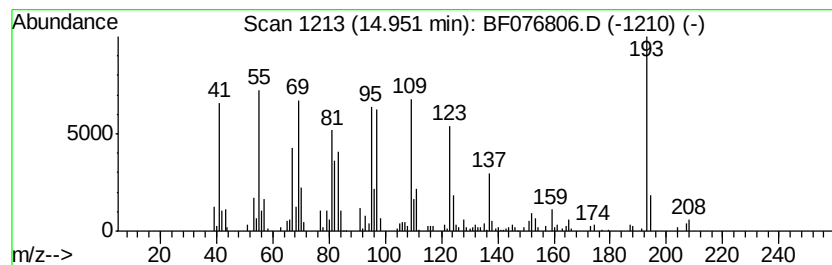
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	34.50 ng	483311	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	30
3		7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	27
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	25
5		2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

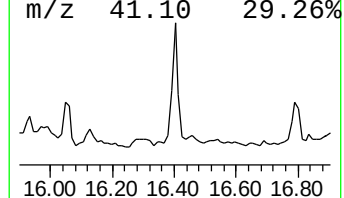
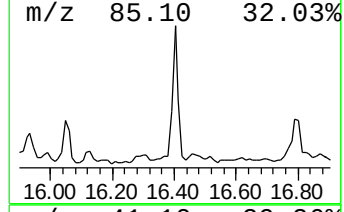
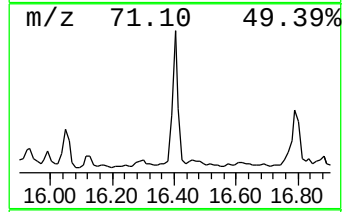
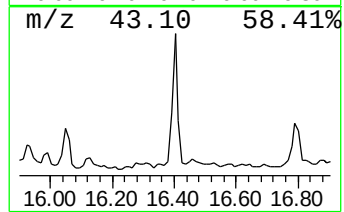
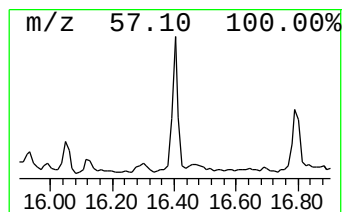
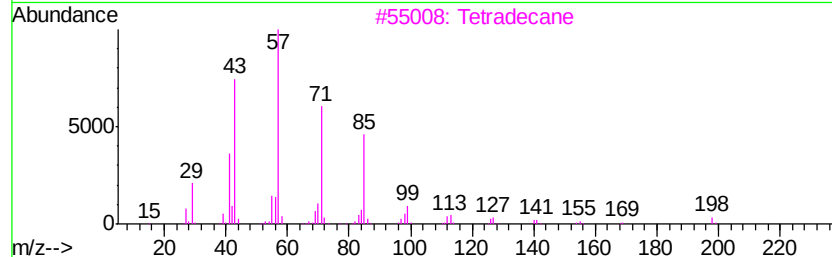
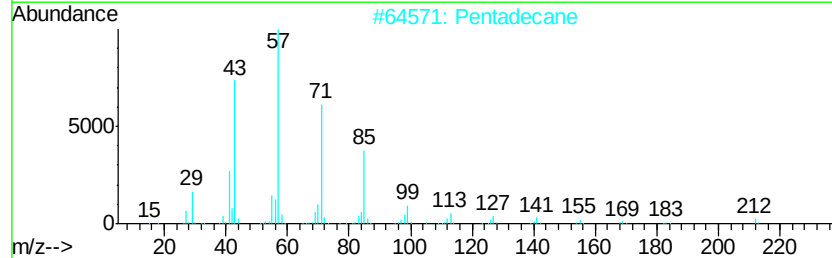
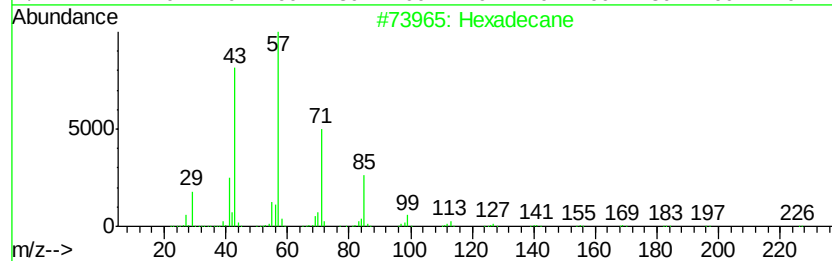
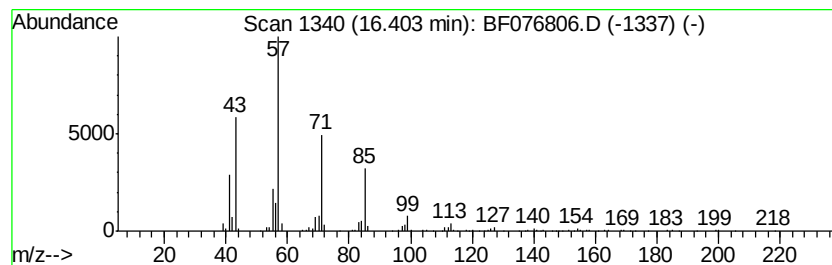
Instrument :
BNA_F
ClientSampleId :
S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	36.29 ng	508375	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Pentadecane	212 C15H32	000629-62-9	83
3	Tetradecane	198 C14H30	000629-59-4	80
4	Eicosane	282 C20H42	000112-95-8	80
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076806.D
Acq On : 10 Jan 2015 2:48
Operator : IZ / TP
Sample : G1052-02
Misc : S DOD
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0407

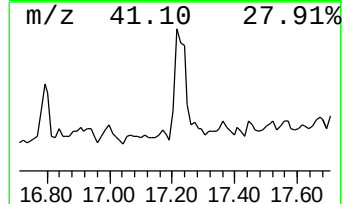
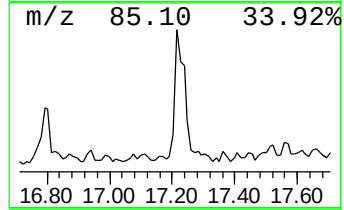
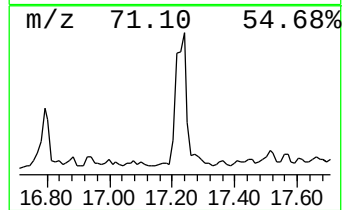
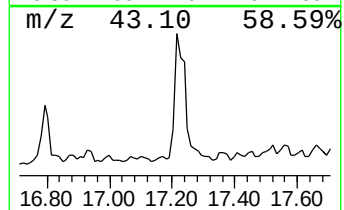
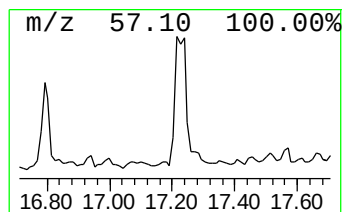
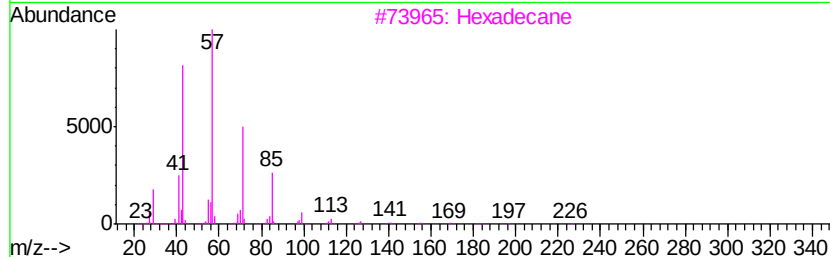
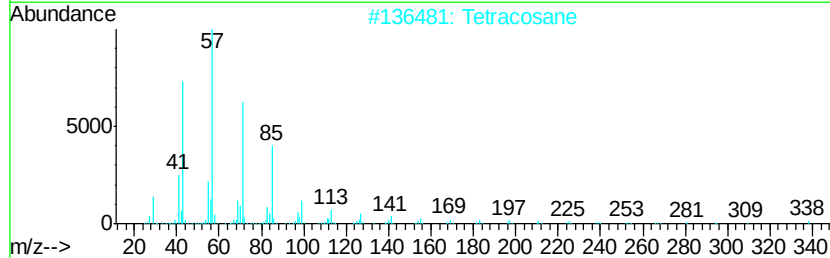
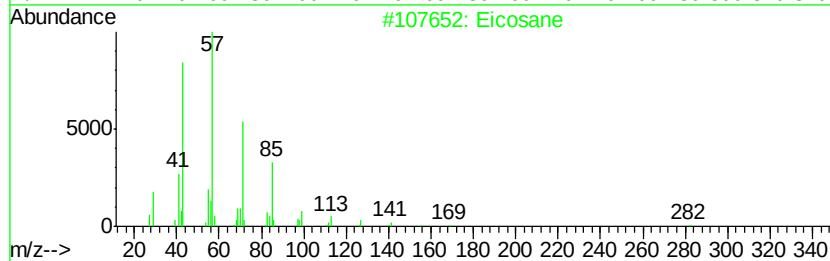
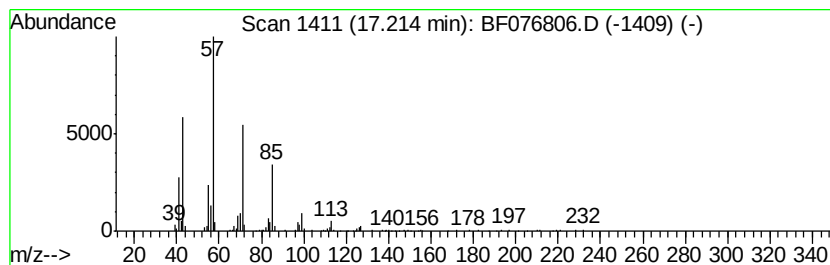
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	49.07 ng	727245	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptacosane	380	C27H56	000593-49-7	86
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076806.D
 Acq On : 10 Jan 2015 2:48
 Operator : IZ / TP
 Sample : G1052-02
 Misc : S DOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0407

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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
unknown7.58	7.58	50.8	ng	743002	1	8.08	292815	20.0
Nonane, 2,6-dimet...	8.28	47.9	ng	701913	1	8.08	292815	20.0
Hexane, 3,3-dimet...	9.05	31.6	ng	462536	1	8.08	292815	20.0
Cyclohexane, 1,2-...	9.26	40.4	ng	591307	1	8.08	292815	20.0
unknown9.90	9.90	27.3	ng	1328800	2	11.00	973756	20.0
Undecane, 2,6-dim...	11.44	30.1	ng	1465640	2	11.00	973756	20.0
Octane, 3,6-dimet...	12.30	42.0	ng	2047380	2	11.00	973756	20.0
Dodecane	12.72	57.0	ng	2775530	2	11.00	973756	20.0
Heptylcyclohexane	13.34	38.7	ng	541809	3	15.13	280184	20.0
1-Iodo-2-methylun...	13.58	37.7	ng	527846	3	15.13	280184	20.0
Dodecane, 2,7,10-...	13.74	94.1	ng	1318050	3	15.13	280184	20.0
Tridecane	14.08	155.2	ng	2173740	3	15.13	280184	20.0
1H-Indene, octahy...	14.47	33.0	ng	462778	3	15.13	280184	20.0
Heptacosane	14.84	71.6	ng	1002890	3	15.13	280184	20.0
unknown14.95	14.95	34.5	ng	483311	3	15.13	280184	20.0
Hexadecane	16.40	36.3	ng	508375	3	15.13	280184	20.0
Eicosane	17.21	49.1	ng	727245	4	17.85	296416	20.0