

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092529.D
 Acq On : 26 Jan 2017 16:50
 Operator : SJ/MA
 Sample : I1312-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-03-0-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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	5.138	265	267	270	rBV	474181	562082	13.09%	0.616%
2	5.561	301	304	306	rBV	1651400	1475217	34.36%	1.616%
3	6.121	351	353	355	rVB2	47934	66795	1.56%	0.073%
4	6.213	358	361	364	rBV2	147129	208785	4.86%	0.229%
5	6.270	364	366	367	rVB	99654	78549	1.83%	0.086%
6	6.407	375	378	380	rBV	110802	150089	3.50%	0.164%
7	6.499	385	386	390	rBV2	94784	187270	4.36%	0.205%
8	6.590	390	394	398	rBV	1645779	1721272	40.09%	1.886%
9	6.739	402	407	409	rBV	1679020	1864585	43.43%	2.043%
10	6.830	411	415	417	rBV3	121176	243264	5.67%	0.267%
11	6.910	419	422	423	rBV3	84252	165708	3.86%	0.182%
12	6.979	423	428	431	rVB2	930037	1778517	41.42%	1.949%
13	7.036	431	433	434	rBV	189564	210044	4.89%	0.230%
14	7.093	434	438	439	rBV2	235708	397938	9.27%	0.436%
15	7.127	439	441	445	rVB	1423926	1728105	40.25%	1.893%
16	7.207	447	448	449	rBV	196311	177680	4.14%	0.195%
17	7.253	449	452	454	rVB2	309082	537388	12.52%	0.589%
18	7.299	454	456	457	rBV2	87334	144480	3.37%	0.158%
19	7.322	457	458	460	rVB2	142036	167986	3.91%	0.184%
20	7.379	460	463	464	rBV3	336251	401452	9.35%	0.440%
21	7.402	464	465	468	rVB3	161495	264150	6.15%	0.289%
22	7.516	468	475	476	rBV2	751586	1558734	36.30%	1.708%
23	7.539	476	477	478	rVV	729498	505155	11.77%	0.553%
24	7.562	478	479	482	rVB3	450113	601105	14.00%	0.659%
25	7.630	482	485	486	rBV3	543134	823121	19.17%	0.902%
26	7.687	486	490	492	rBV	467447	976003	22.73%	1.069%
27	7.733	492	494	495	rBV2	291452	336996	7.85%	0.369%
28	7.767	495	497	500	rVB3	593151	942329	21.95%	1.032%
29	7.813	500	501	503	rVB	149504	166745	3.88%	0.183%
30	7.870	503	506	508	rBV2	432981	941297	21.92%	1.031%
31	7.904	508	509	512	rVB3	423244	461962	10.76%	0.506%
32	7.984	514	516	517	rBV	137597	184466	4.30%	0.202%
33	8.007	517	518	523	rBV4	331058	667557	15.55%	0.731%
34	8.087	523	525	528	rBV2	531721	584806	13.62%	0.641%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092529.D
 Acq On : 26 Jan 2017 16:50
 Operator : SJ/MA
 Sample : I1312-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-03-0-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.144	528	530	532	rBV2	519771	832044	19.38%	0.912%
36	8.224	534	537	538	rBV3	347640	775704	18.07%	0.850%
37	8.270	538	541	544	rVV	1369764	2503425	58.31%	2.743%
38	8.327	544	546	548	rVB2	1359247	1818458	42.35%	1.992%
39	8.430	553	555	556	rBV	430222	629201	14.65%	0.689%
40	8.476	556	559	560	rVV3	731072	957871	22.31%	1.049%
41	8.499	560	561	563	rVV2	227862	297178	6.92%	0.326%
42	8.567	563	567	568	rVV3	959308	1625736	37.87%	1.781%
43	8.624	570	572	573	rVV	355238	505938	11.78%	0.554%
44	8.659	573	575	576	rVB	593948	691939	16.12%	0.758%
45	8.693	576	578	584	rBV2	1785919	3315595	77.22%	3.633%
46	8.784	584	586	587	rVV	333423	399750	9.31%	0.438%
47	8.819	587	589	592	rVV3	565565	1240691	28.90%	1.359%
48	8.865	592	593	595	rVV	1265456	1479719	34.46%	1.621%
49	8.933	595	599	600	rVV3	767668	1898264	44.21%	2.080%
50	8.967	600	602	603	rVB	1160327	1360432	31.69%	1.491%
51	8.990	603	604	605	rBV	146284	150112	3.50%	0.164%
52	9.025	605	607	608	rVV2	389757	327322	7.62%	0.359%
53	9.082	608	612	613	rVV4	446799	1177950	27.44%	1.291%
54	9.150	617	618	620	rVV2	378799	710701	16.55%	0.779%
55	9.185	620	621	623	rVV2	858659	881563	20.53%	0.966%
56	9.230	623	625	627	rVV3	339935	694754	16.18%	0.761%
57	9.276	627	629	630	rVV2	370583	603096	14.05%	0.661%
58	9.299	630	631	634	rVV	2756124	2655202	61.84%	2.909%
59	9.356	634	636	637	rVV	1074855	1235840	28.78%	1.354%
60	9.390	637	639	640	rVV2	211088	216731	5.05%	0.237%
61	9.436	640	643	645	rVV	1722012	2207594	51.42%	2.419%
62	9.505	645	649	652	rVV5	559797	1492127	34.75%	1.635%
63	9.550	652	653	655	rVB2	488165	424277	9.88%	0.465%
64	9.619	655	659	661	rBV4	431919	1038782	24.19%	1.138%
65	9.687	661	665	669	rBV5	457350	1447472	33.71%	1.586%
66	9.756	669	671	672	rVV2	2359182	2443291	56.91%	2.677%
67	9.813	675	676	677	rVB	299233	209985	4.89%	0.230%
68	9.905	682	684	685	rVV2	889309	1529161	35.62%	1.675%
69	9.962	685	689	692	rVV	1567717	4293453	100.00%	4.704%
70	10.030	692	695	697	rVV2	1592360	3510884	81.77%	3.847%
71	10.076	697	699	700	rVV2	730396	1344847	31.32%	1.473%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.145	703	705	707 rVV	693892	1438789	33.51%	1.576%
73	10.190	707	709	711 rVV3	618439	1558875	36.31%	1.708%
74	10.225	711	712	715 rVV2	910401	1788760	41.66%	1.960%
75	10.293	715	718	722 rVV3	784274	2360622	54.98%	2.586%
76	10.350	722	723	725 rVV2	599629	906944	21.12%	0.994%
77	10.408	726	728	729 rVV	459799	733519	17.08%	0.804%
78	10.465	729	733	734 rVV2	967858	1630490	37.98%	1.786%
79	10.488	734	735	737 rVV2	347531	637459	14.85%	0.698%
80	10.579	741	743	749 rVV6	268273	976653	22.75%	1.070%
81	10.682	749	752	755 rVV	765879	1103177	25.69%	1.209%
82	10.739	755	757	759 rVB2	128699	180290	4.20%	0.198%
83	10.819	762	764	766 rVB	647246	591555	13.78%	0.648%
84	10.945	773	775	778 rBV	625559	1043957	24.32%	1.144%
85	11.128	789	791	792 rBV	81955	83568	1.95%	0.092%
86	11.162	792	794	798 rVB4	105635	134201	3.13%	0.147%
87	11.390	811	814	815 rBV2	135526	195996	4.56%	0.215%
88	11.413	815	816	819 rVB	405063	408490	9.51%	0.448%
89	11.516	823	825	831 rBV3	864440	1124192	26.18%	1.232%
90	11.813	849	851	853 rVV	211245	166821	3.89%	0.183%
91	11.859	853	855	858 rVB3	41515	77107	1.80%	0.084%
92	12.133	877	879	883 rVB2	112720	188745	4.40%	0.207%
93	12.225	885	887	888 rVV	136438	126339	2.94%	0.138%
94	12.499	909	911	914 rBV	107054	168114	3.92%	0.184%
95	12.613	919	921	922 rBV	173144	177635	4.14%	0.195%
96	12.739	929	932	934 rBV	227725	371861	8.66%	0.407%
97	12.968	949	952	955 rBV2	210609	492277	11.47%	0.539%
98	13.105	962	964	967 rBV	1137993	1221492	28.45%	1.338%
99	14.168	1054	1057	1058 rBV2	547609	775148	18.05%	0.849%
100	15.654	1185	1187	1189 rBV	316812	400865	9.34%	0.439%

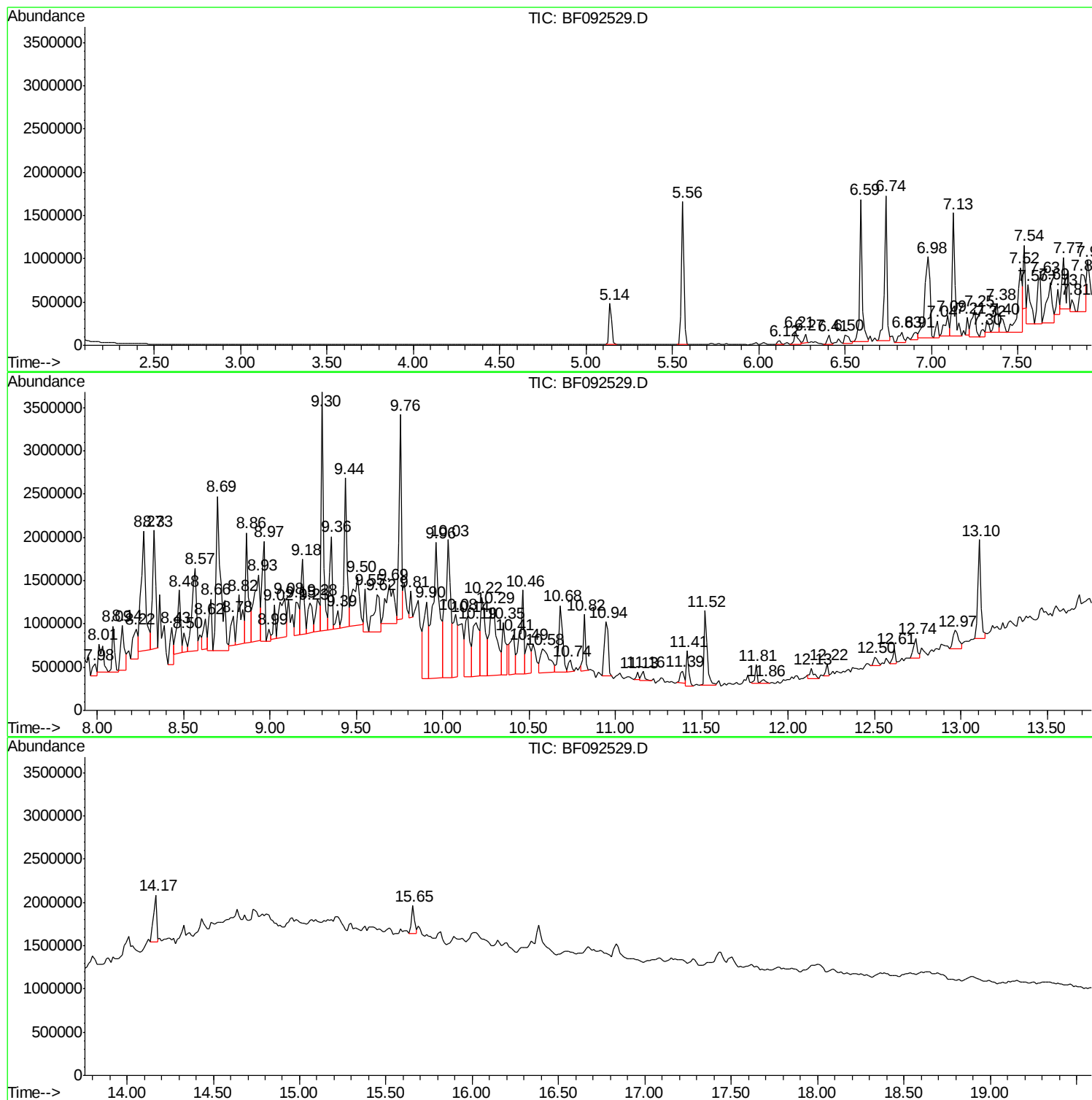
Sum of corrected areas: 91272662

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.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\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

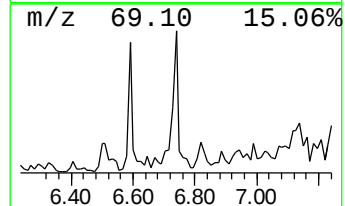
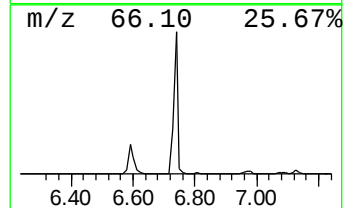
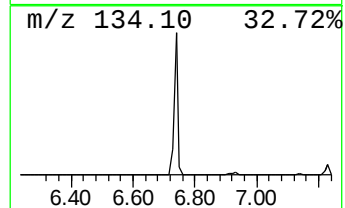
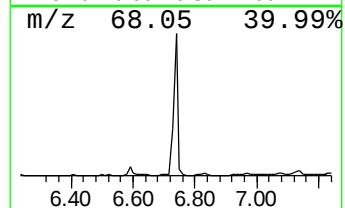
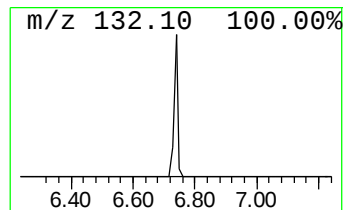
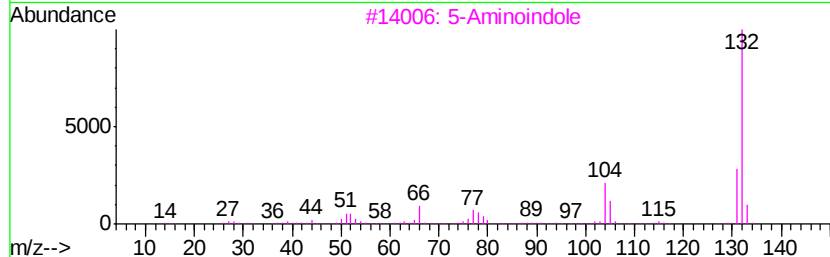
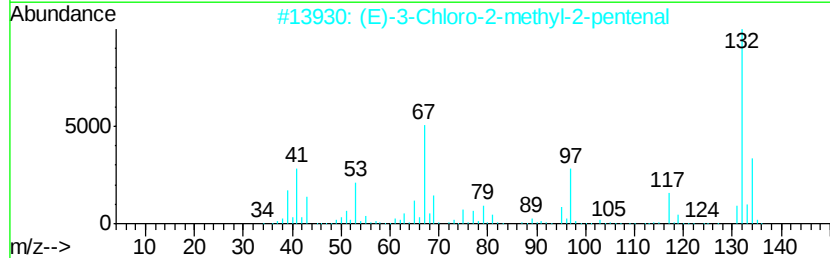
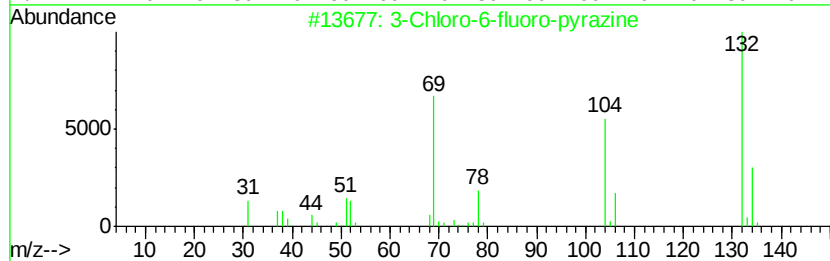
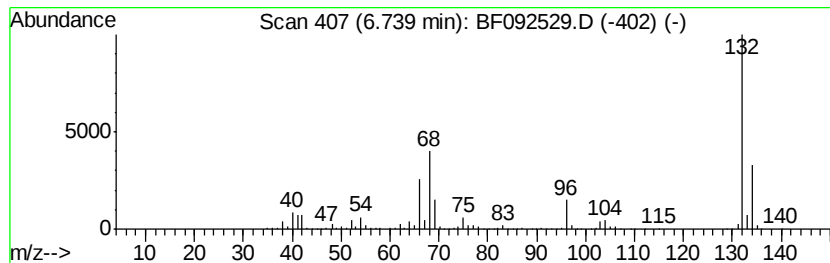
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	20.97 ng	1864590	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

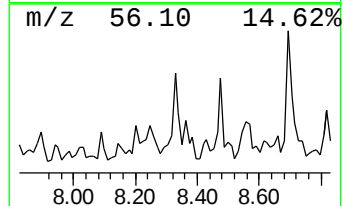
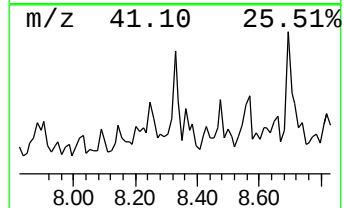
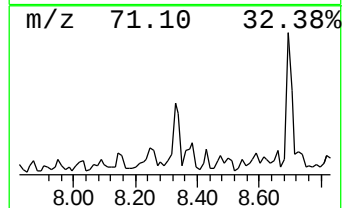
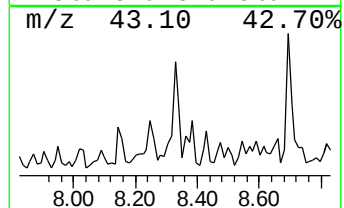
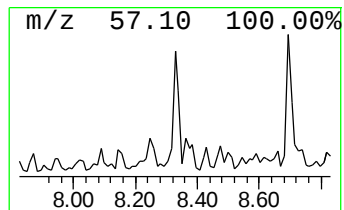
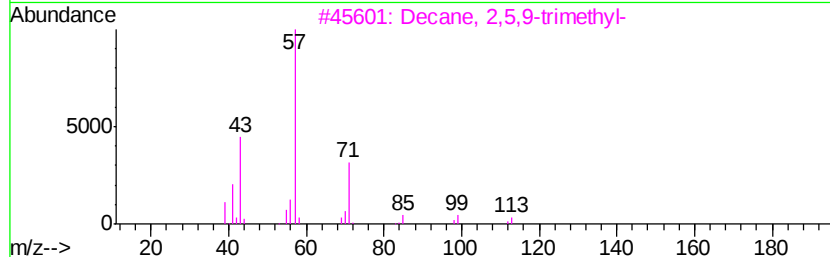
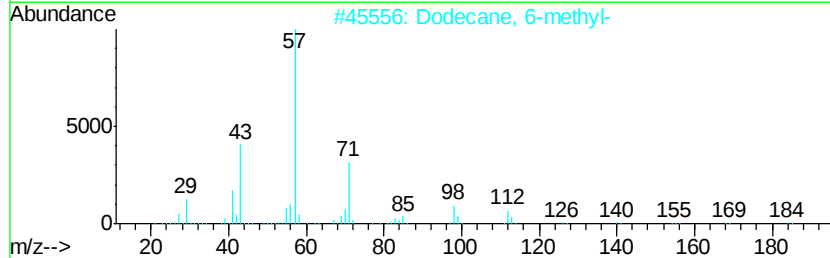
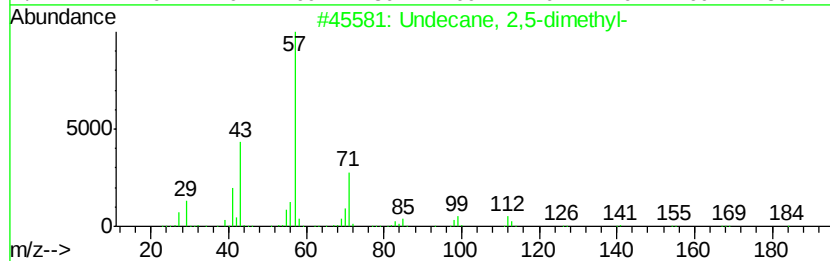
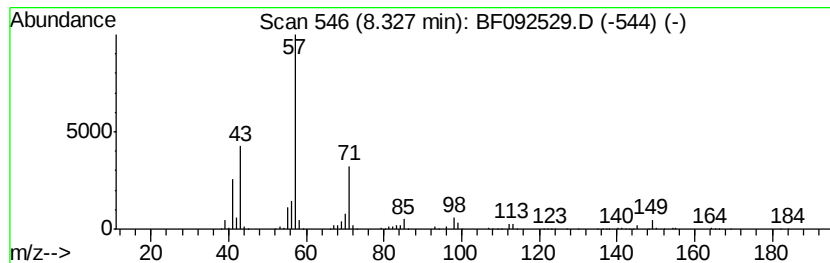
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	14.53 ng	1818460	Napthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

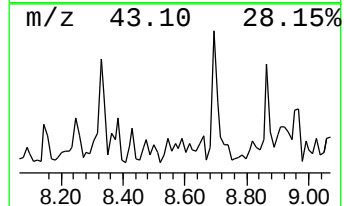
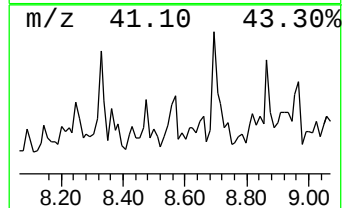
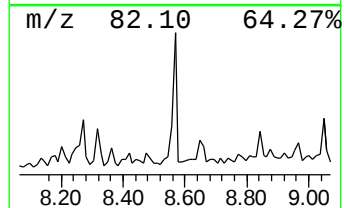
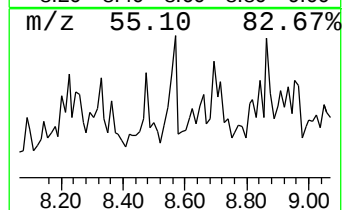
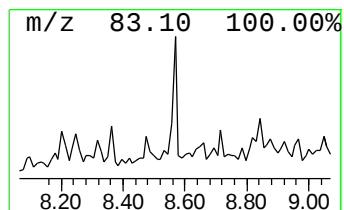
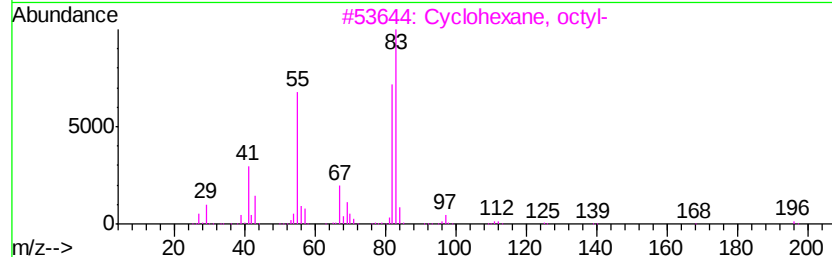
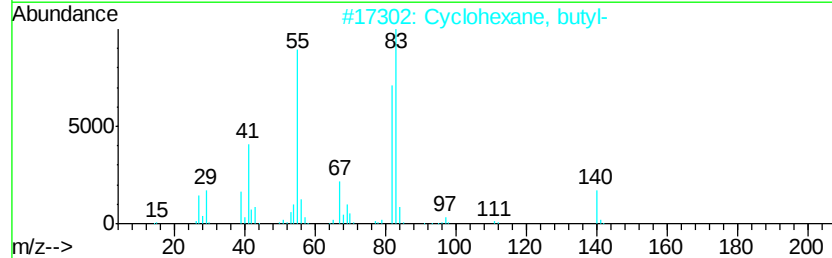
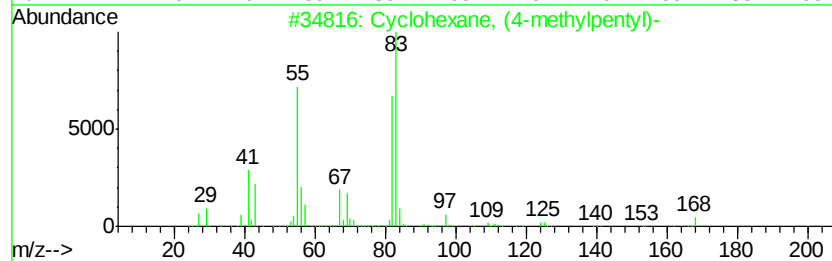
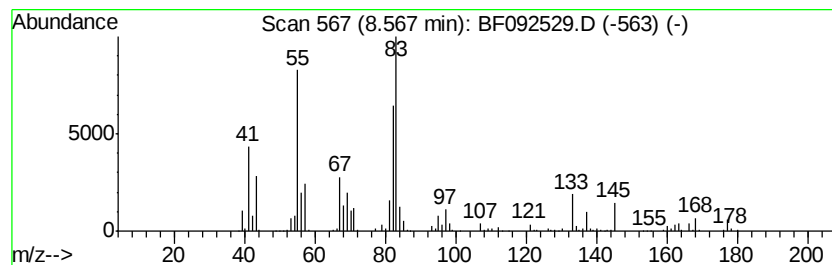
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, (4-methylpentyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	12.99 ng	1625740	Napthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

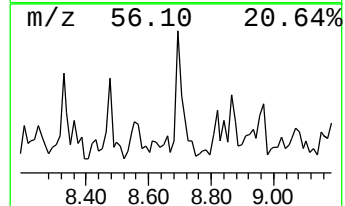
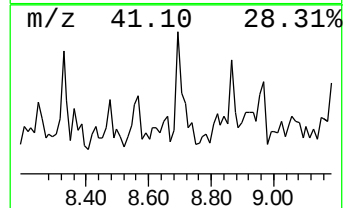
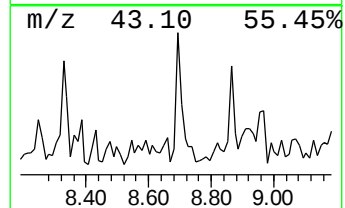
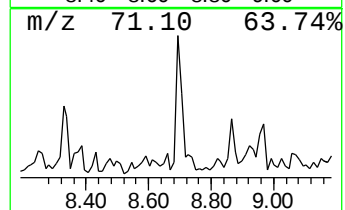
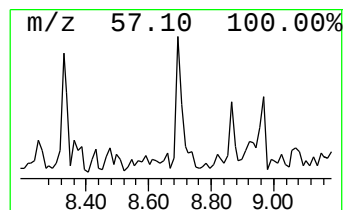
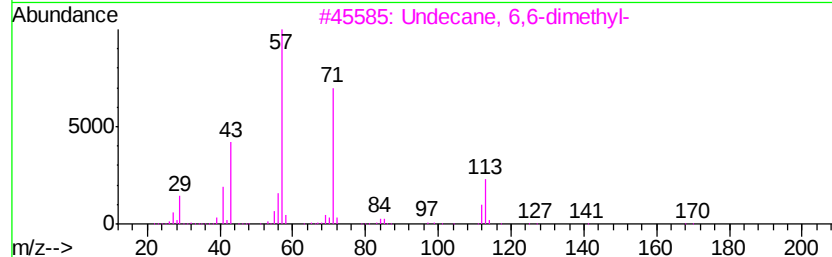
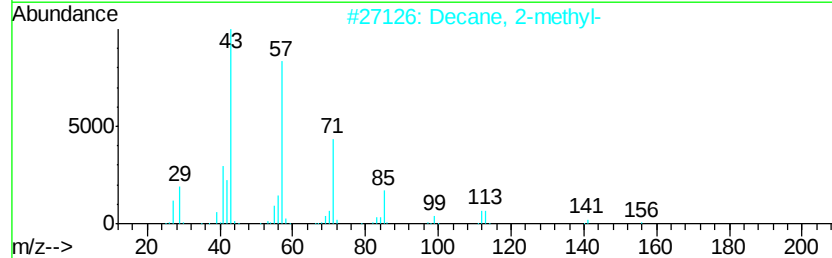
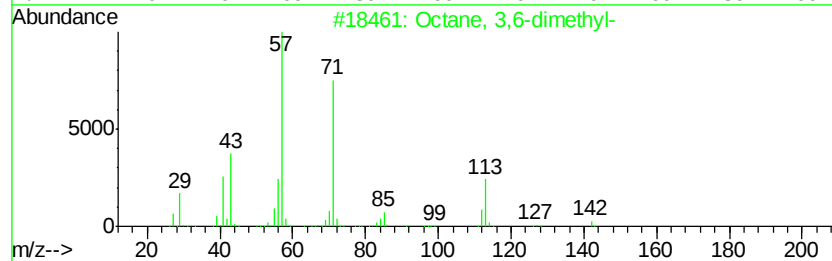
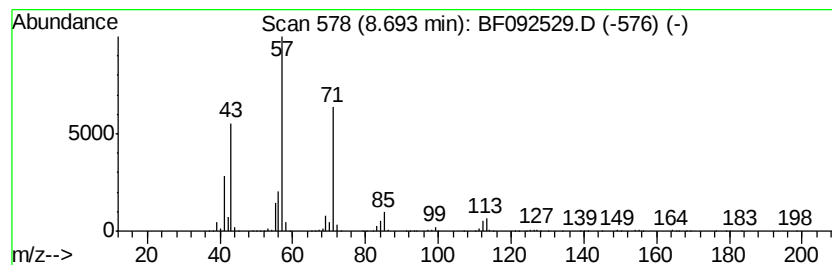
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	26.49 ng	3315600	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2		Decane, 2-methyl-	156	C11H24	006975-98-0	72
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
5		Dodecane	170	C12H26	000112-40-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

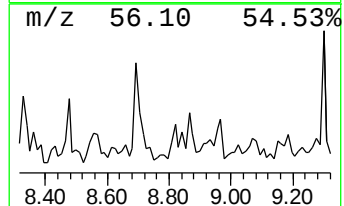
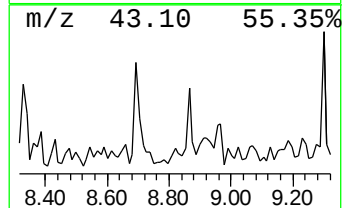
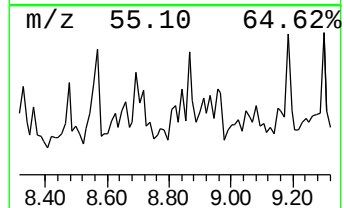
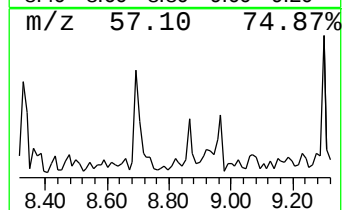
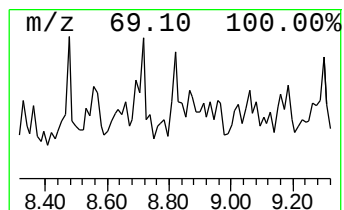
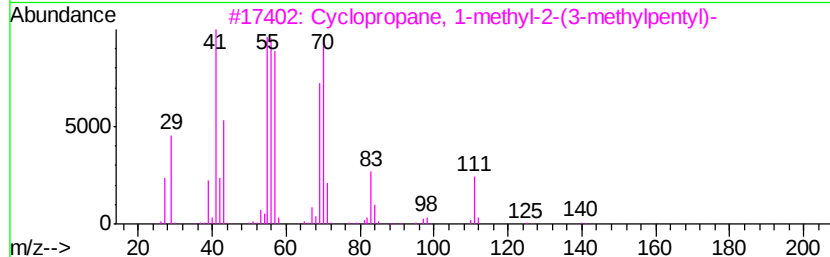
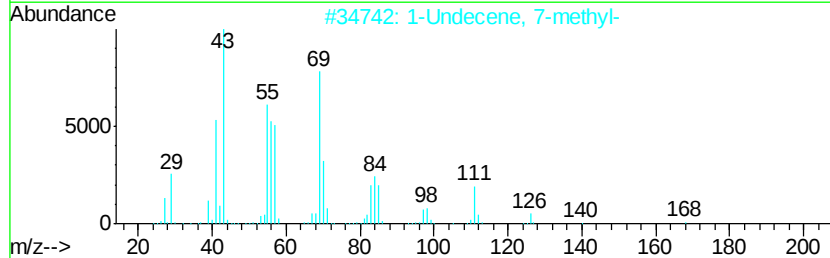
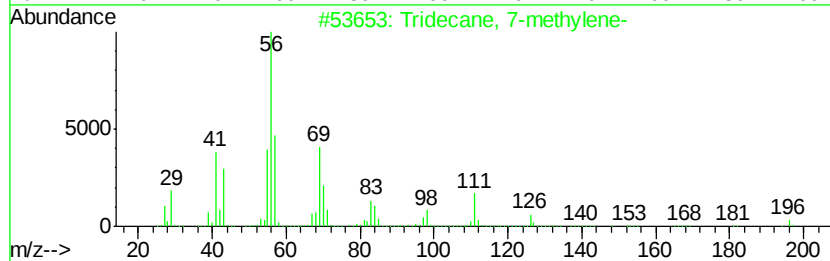
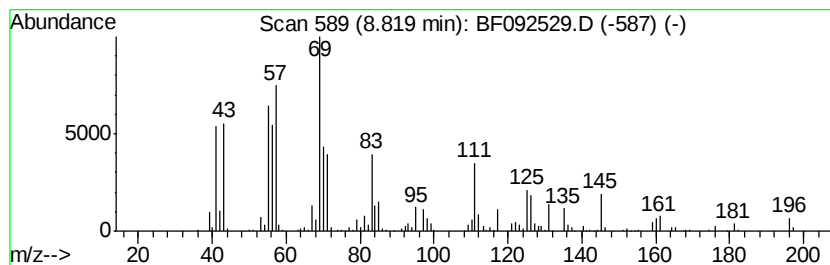
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 7-methylene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	9.91 ng	1240690	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methylene-	196	C14H28	019780-80-4	55
2		1-Undecene, 7-methyl-	168	C12H24	074630-42-5	49
3		Cyclopropane, 1-methyl-2-(3-methylpentyl)-	140	C10H20	062238-07-7	46
4		Acetic acid, 3,7,11,15-tetramethyl-	340	C22H44O2	1000193-63-0	46
5		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

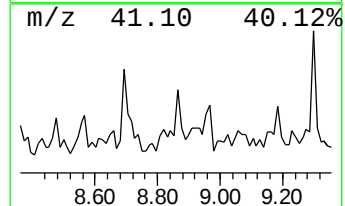
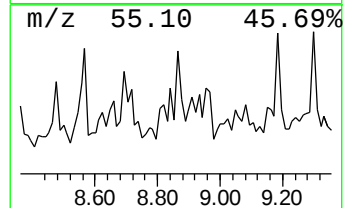
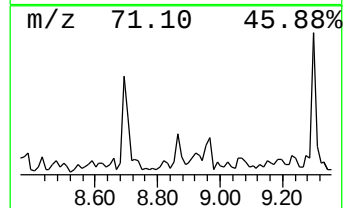
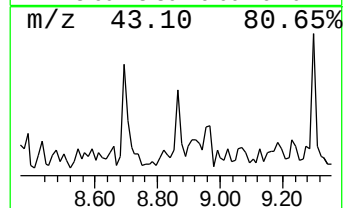
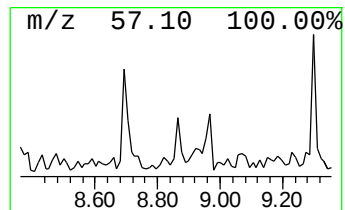
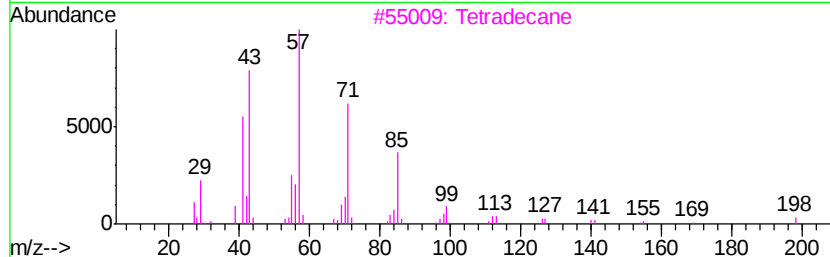
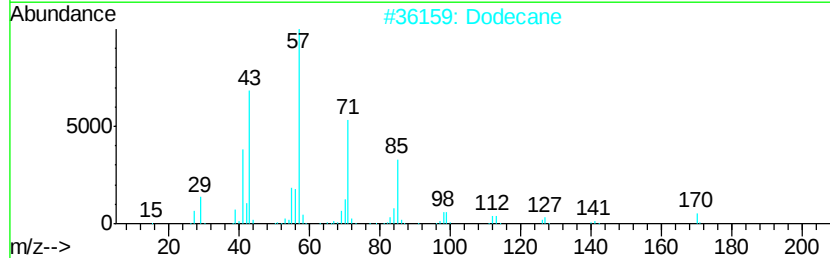
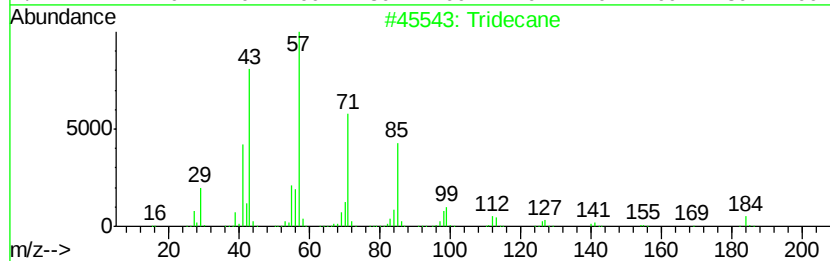
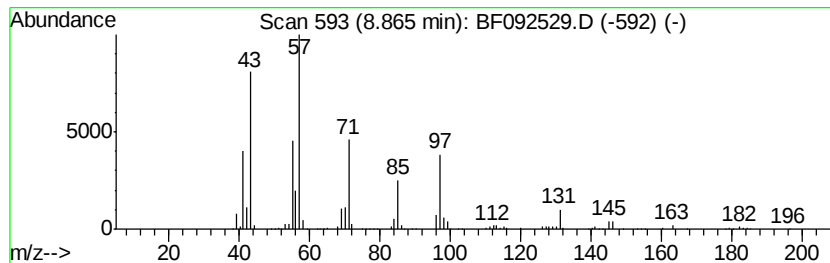
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	11.82 ng	1479720	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	83
2		Dodecane	170	C12H26	000112-40-3	52
3		Tetradecane	198	C14H30	000629-59-4	49
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
5		Octane, 2-methyl-	128	C9H20	003221-61-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

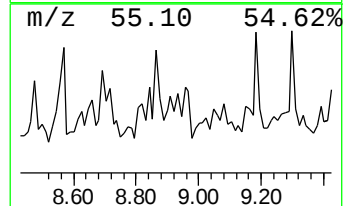
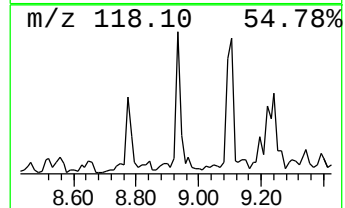
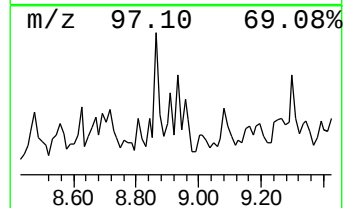
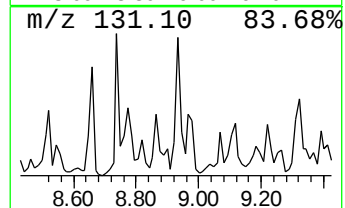
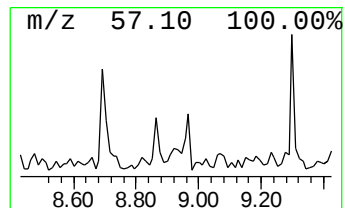
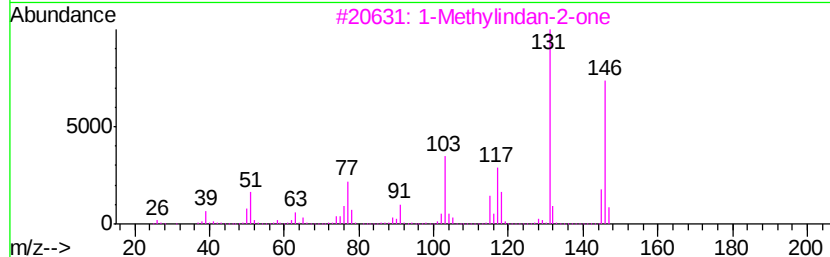
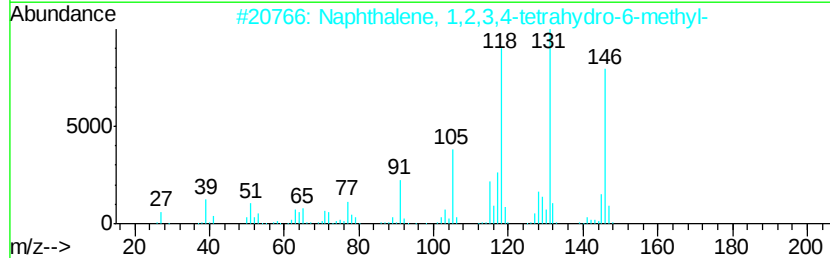
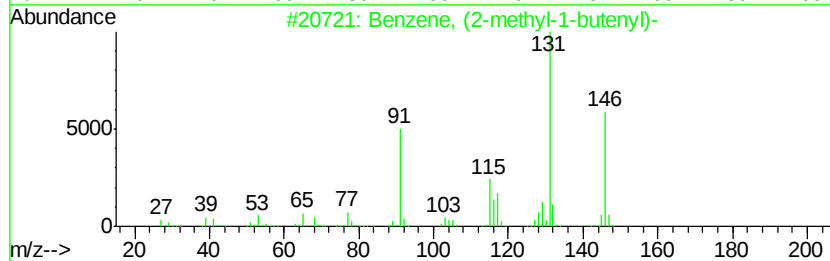
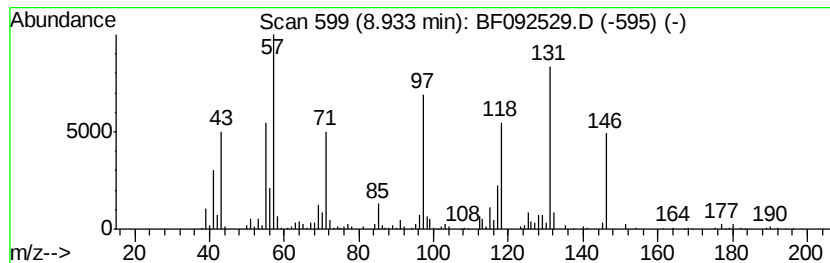
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.93 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	15.17 ng	1898260	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
3		1-Methylindan-2-one	146	C10H10O	035587-60-1	35
4		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	30
5		1H-Indene, 1-ethyl-2,3-dihydro-1...	160	C12H16	056298-75-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

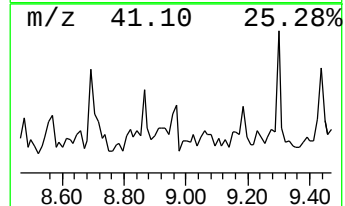
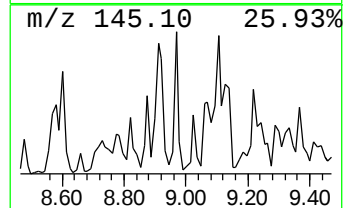
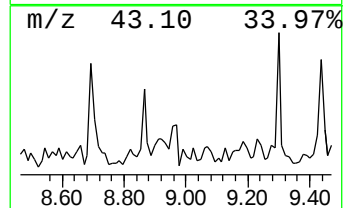
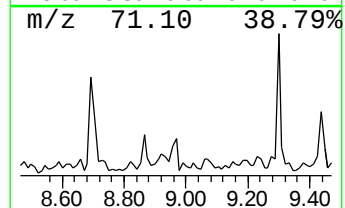
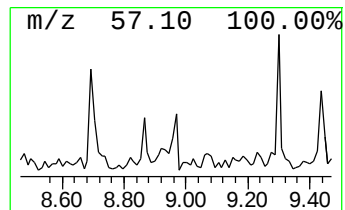
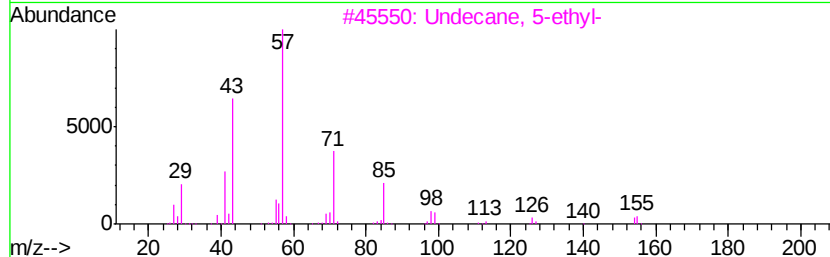
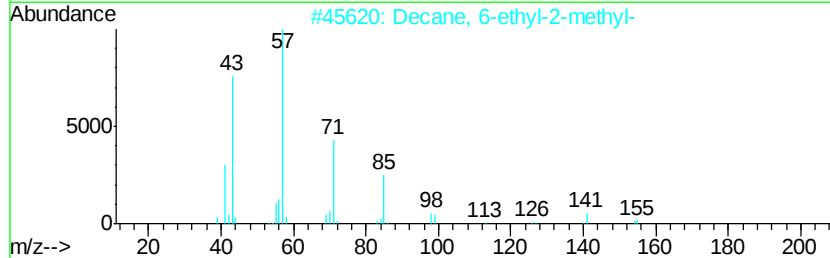
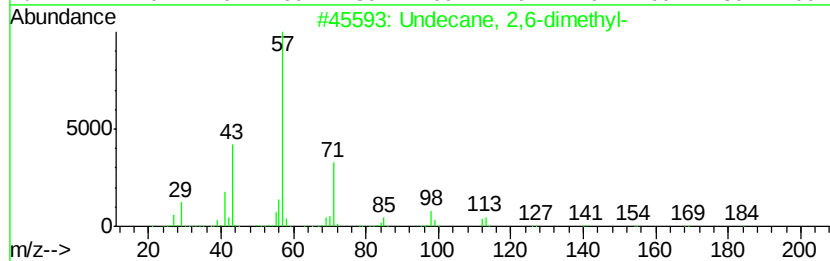
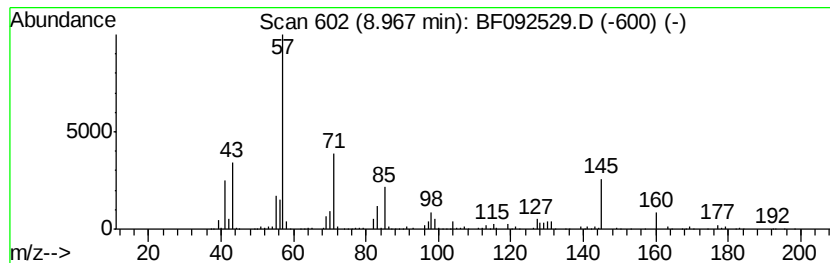
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	10.87 ng	1360430	Napthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	47
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
5		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

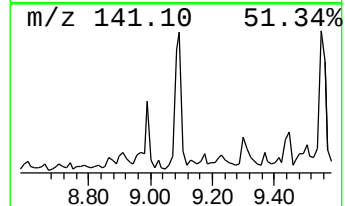
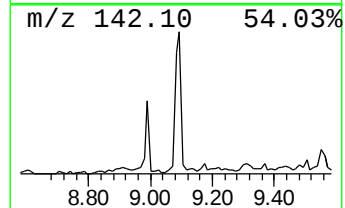
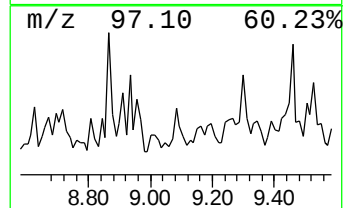
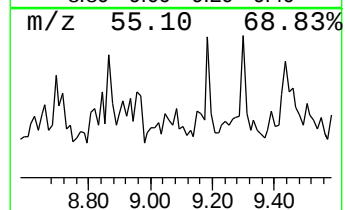
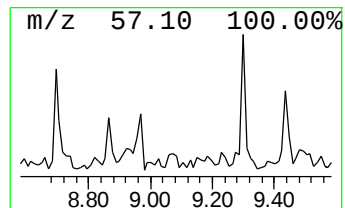
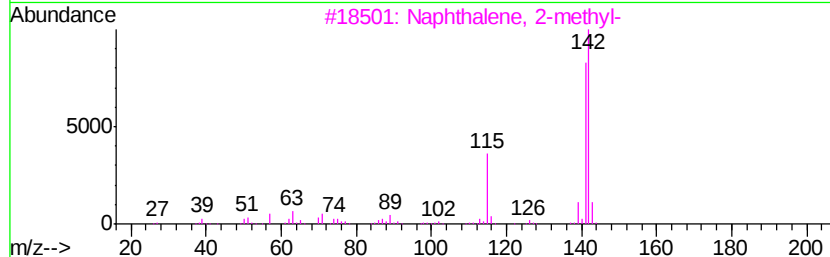
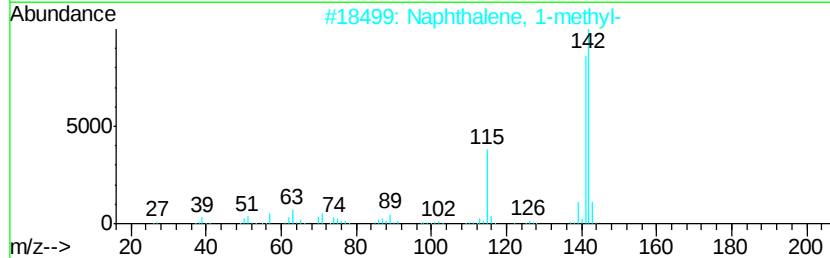
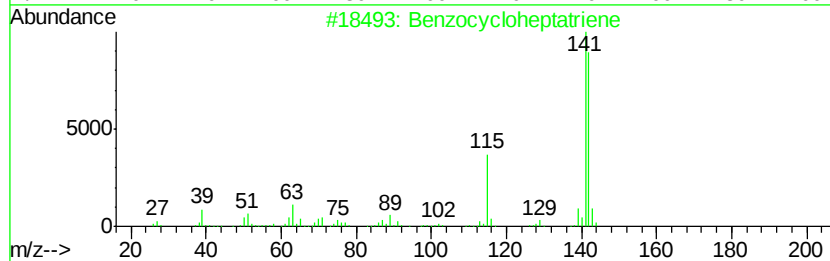
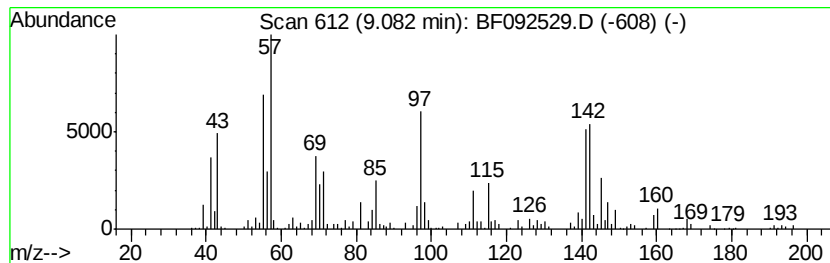
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	9.41 ng	1177950	Naphthalene-d8	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzocycloheptatriene	142	C11H10	000264-09-5	42
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	42
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	42
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	42
5			3-(Vinylthio)thiophene	142	C6H6S2	1000249-93-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

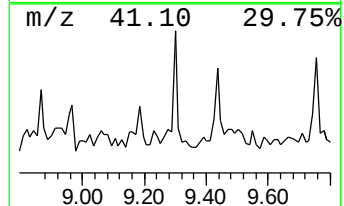
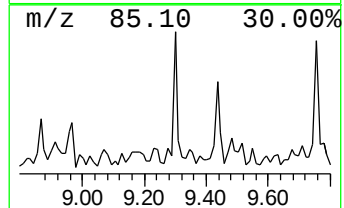
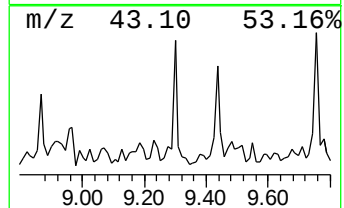
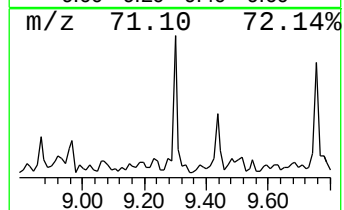
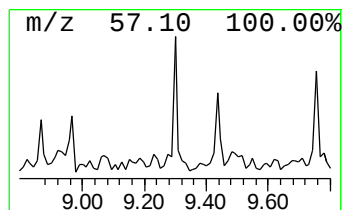
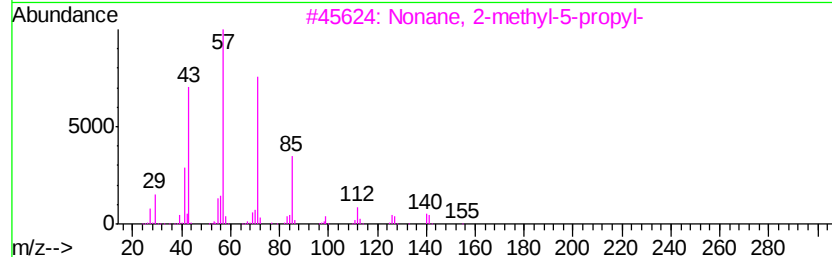
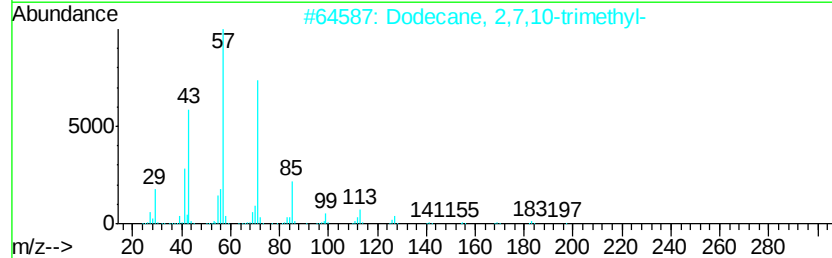
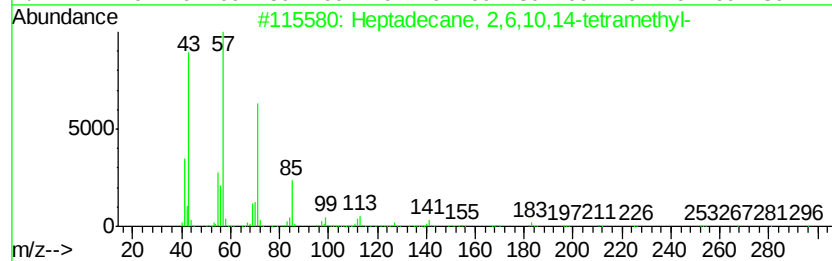
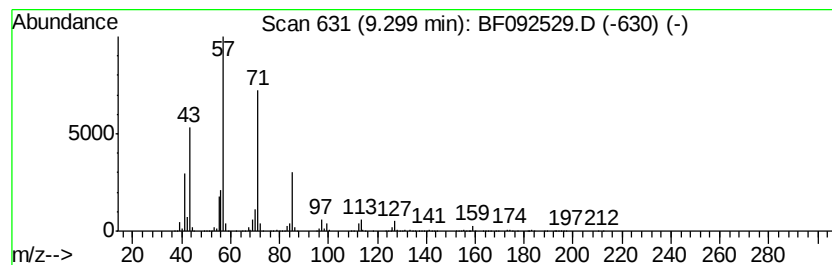
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	15.13 ng	2655200	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

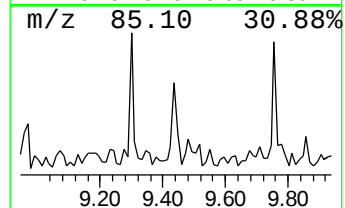
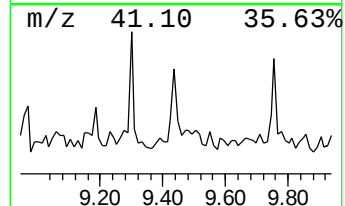
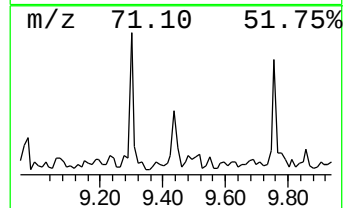
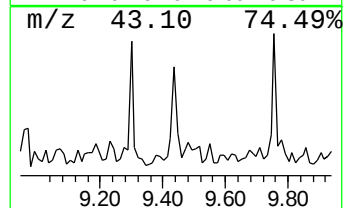
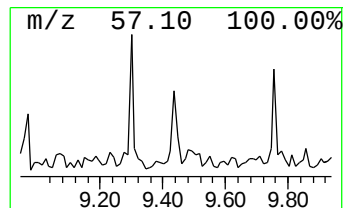
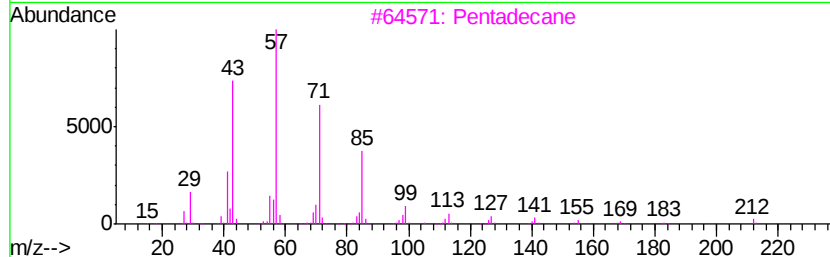
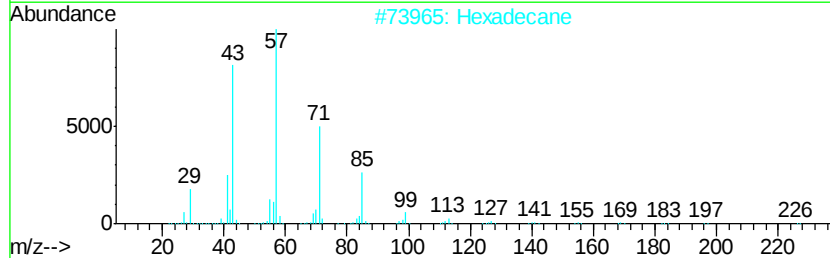
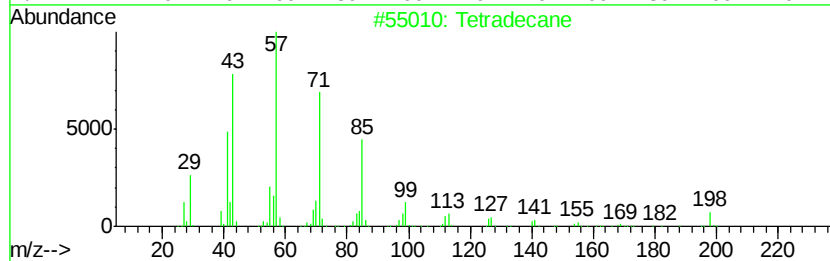
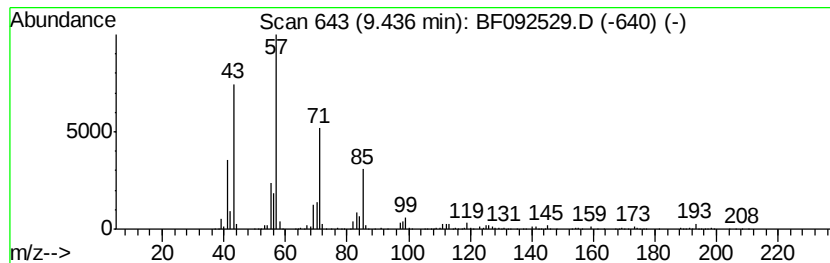
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	12.58 ng	2207590	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

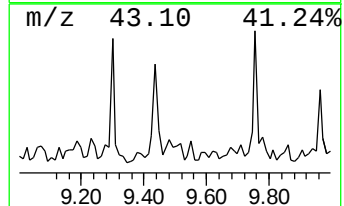
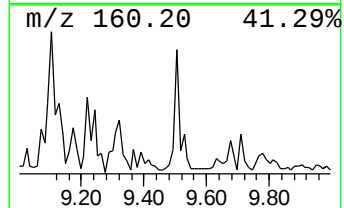
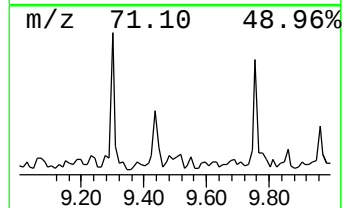
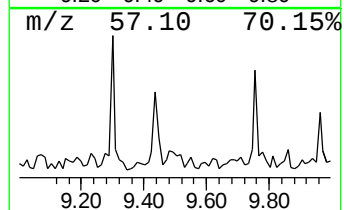
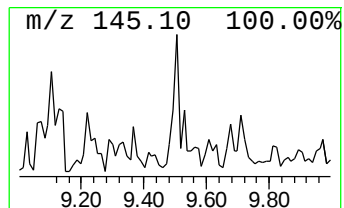
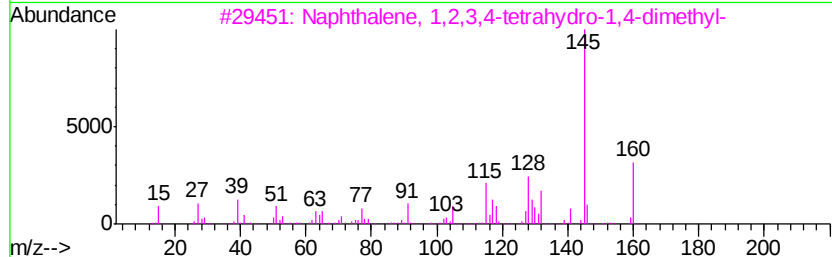
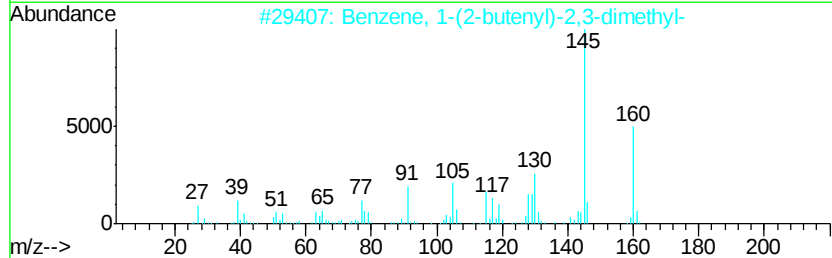
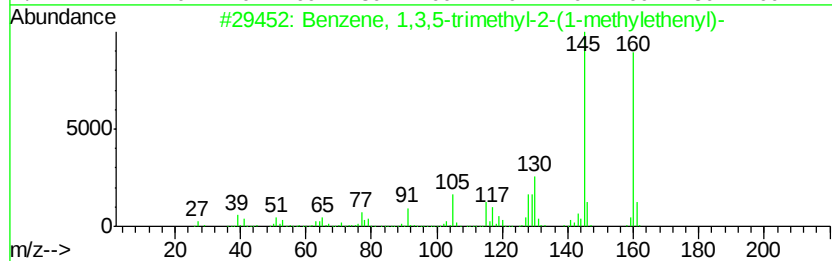
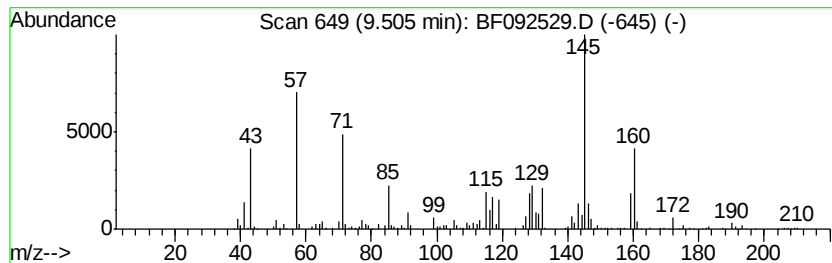
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	8.50 ng	1492130	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	52
5		1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

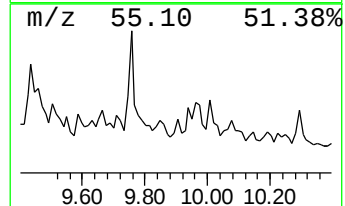
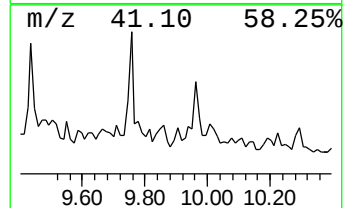
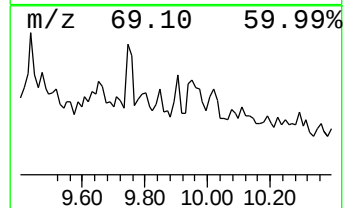
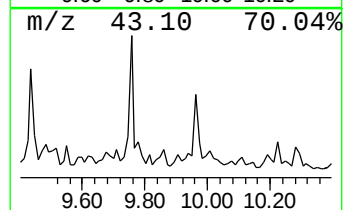
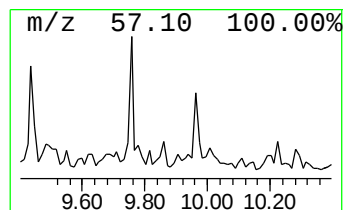
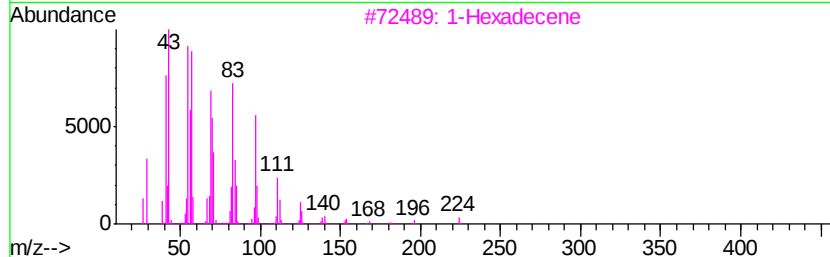
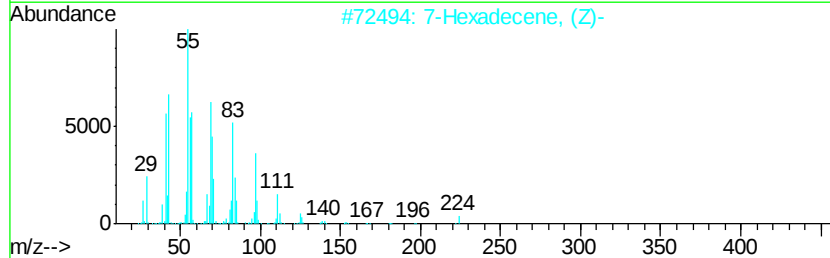
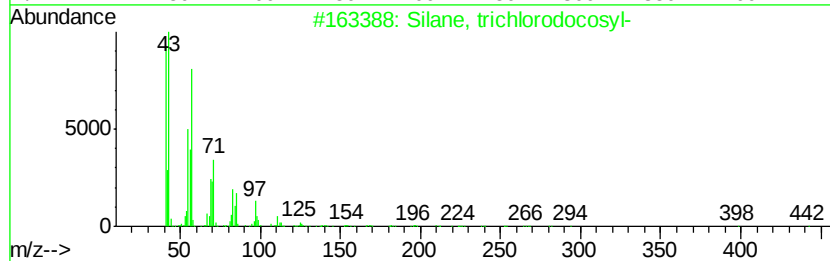
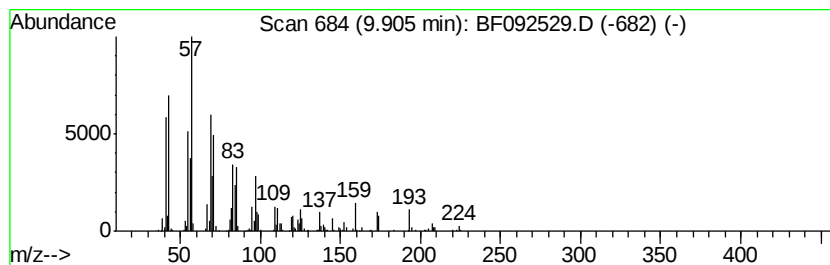
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Silane, trichlorodocosyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	8.71 ng	1529160	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	70
2			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	64
3			1-Hexadecene	224	C16H32	000629-73-2	64
4			3-Hexadecene, (Z)-	224	C16H32	034303-81-6	52
5			Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

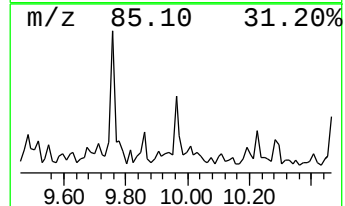
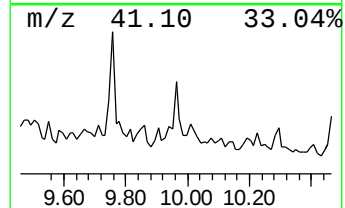
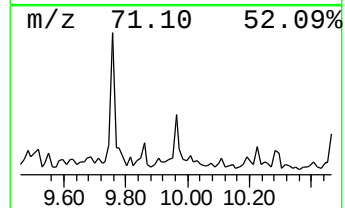
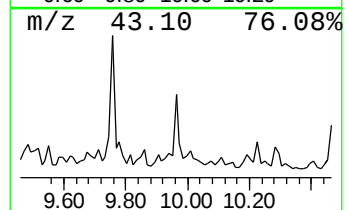
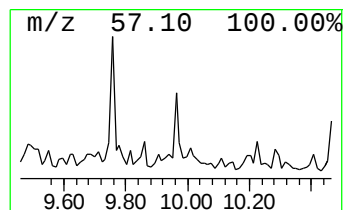
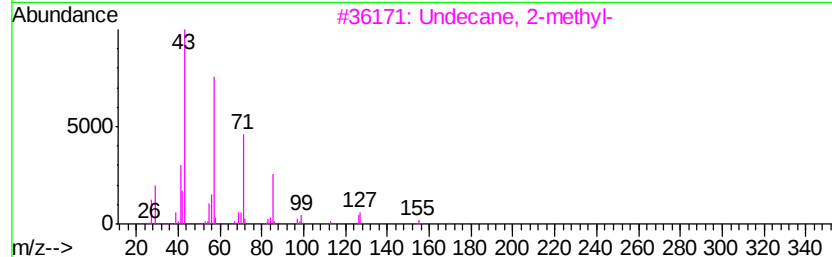
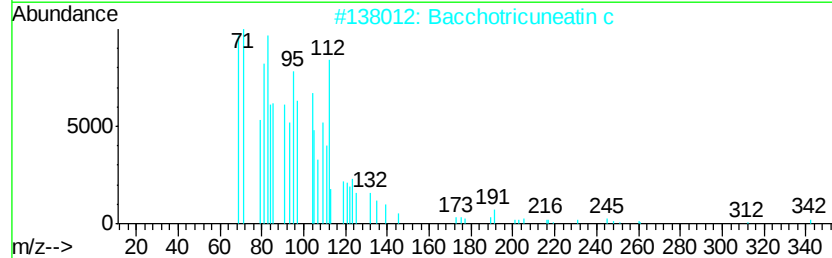
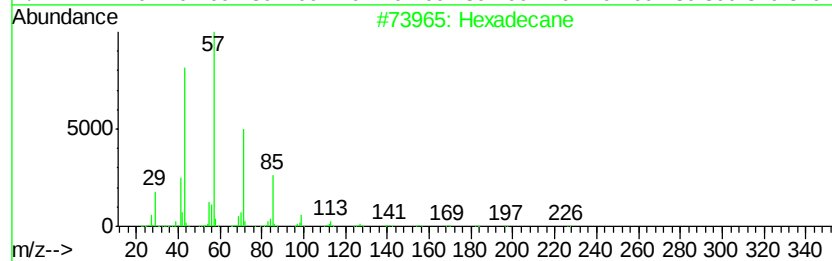
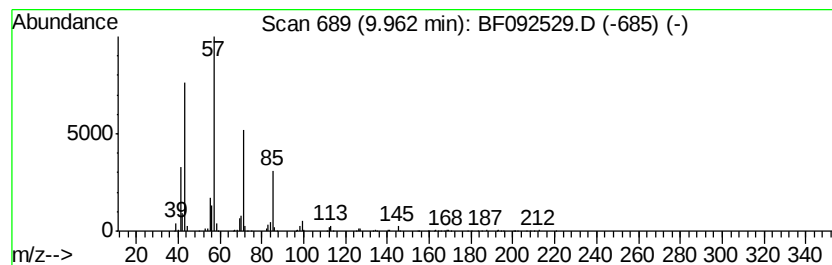
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	24.46 ng	4293450	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

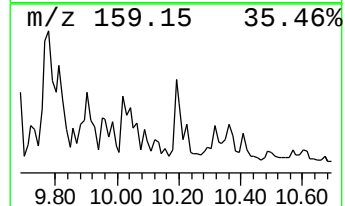
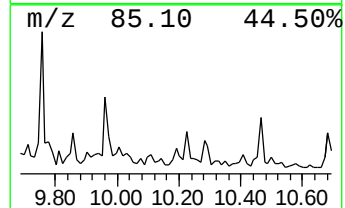
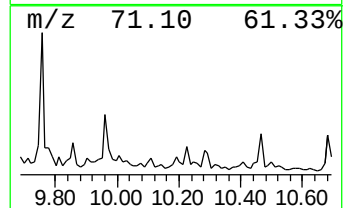
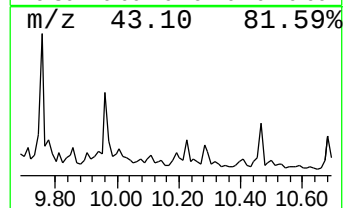
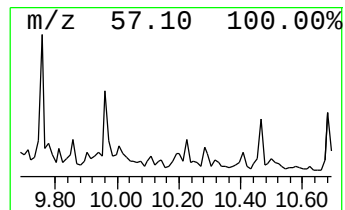
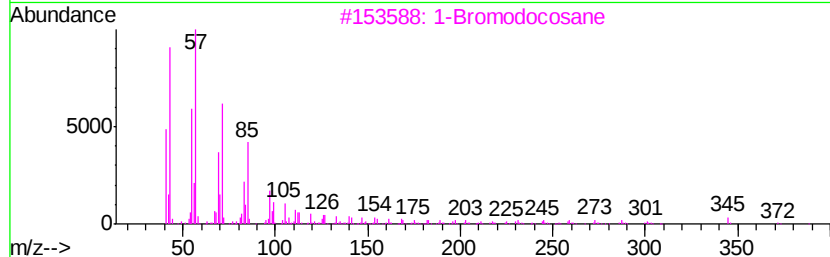
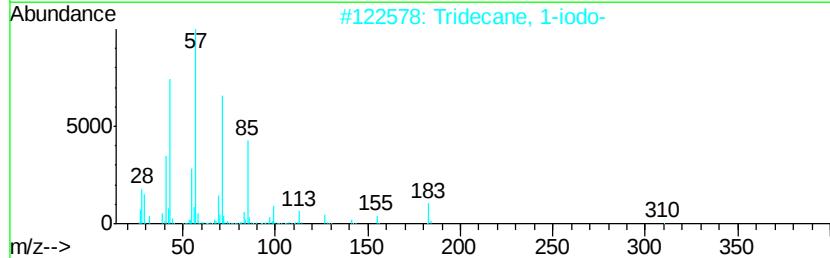
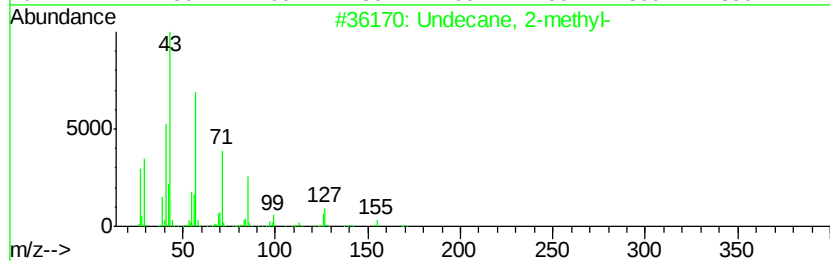
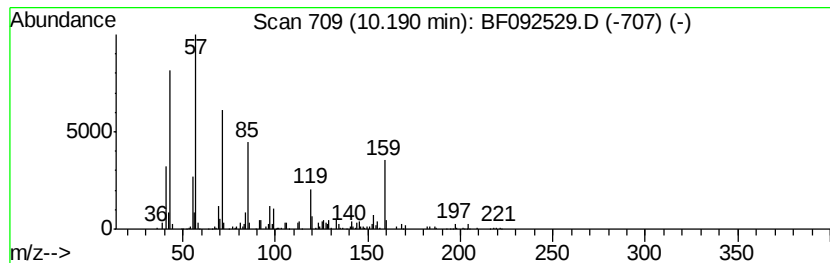
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	8.88 ng	1558880	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	52
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50
3			1-Bromodocosane	388	C22H45Br	006938-66-5	50
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	49
5			2,6-Dimethyldecane	170	C12H26	013150-81-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

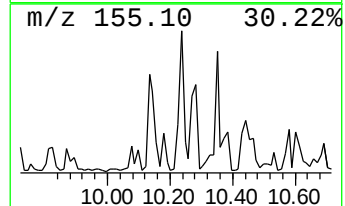
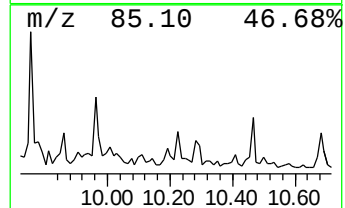
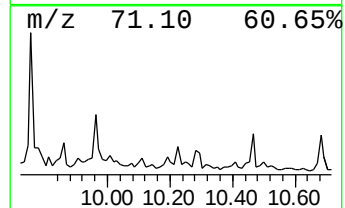
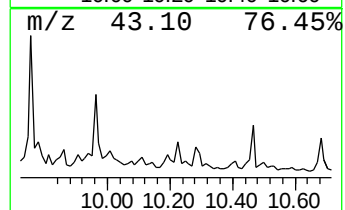
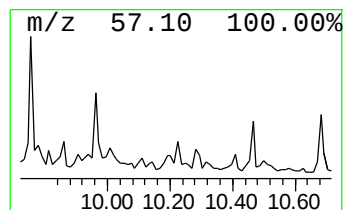
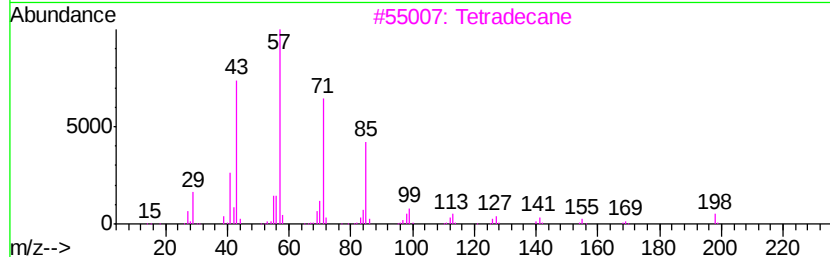
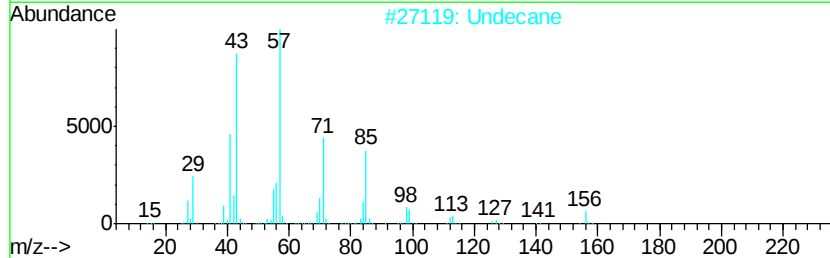
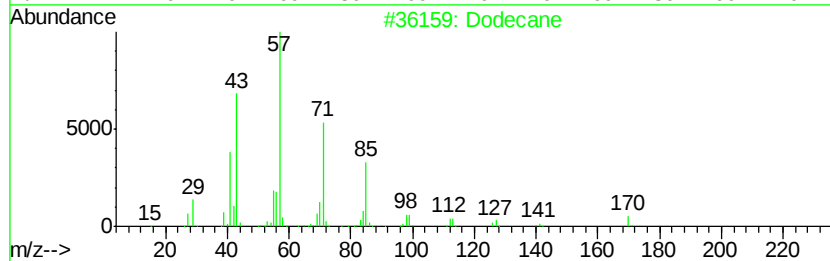
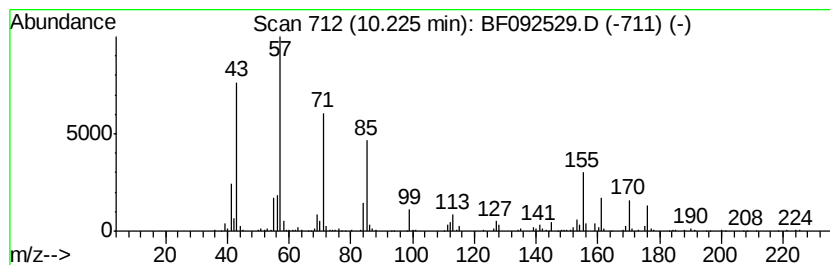
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	10.19 ng	1788760	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	76
2		Undecane	156	C11H24	001120-21-4	62
3		Tetradecane	198	C14H30	000629-59-4	53
4		Octadecane	254	C18H38	000593-45-3	52
5		Nonane	128	C9H20	000111-84-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

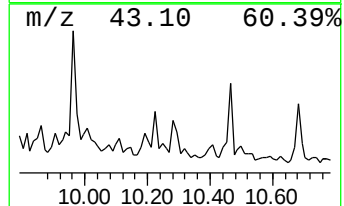
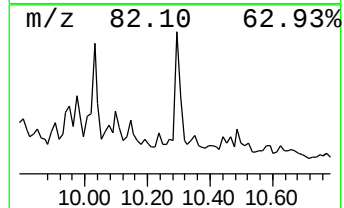
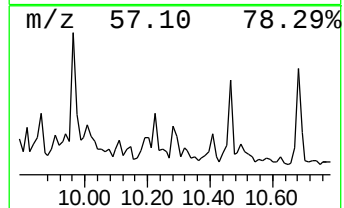
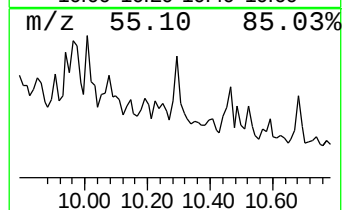
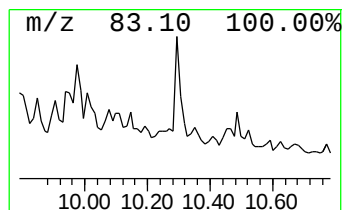
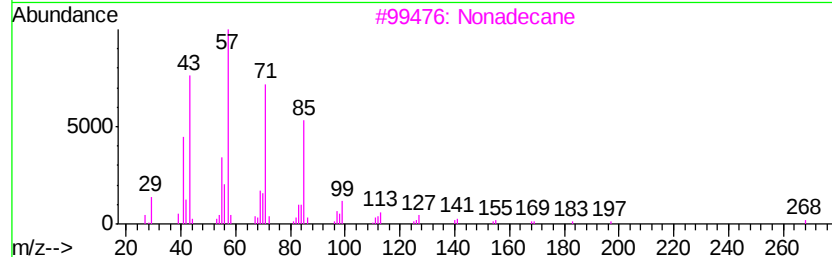
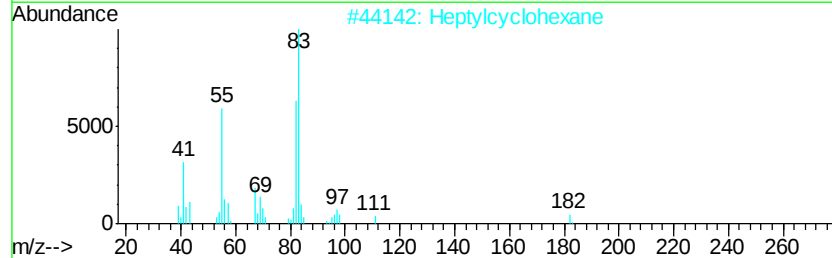
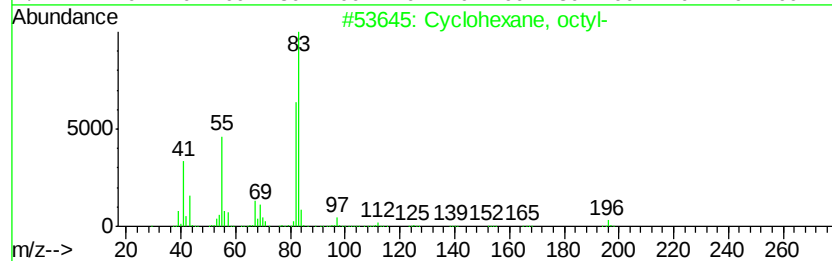
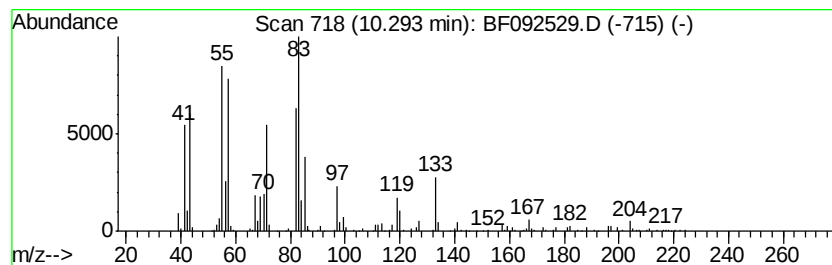
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.29 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	13.45 ng	2360620	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
2		Heptylcyclohexane	182	C13H26	005617-41-4	38
3		Nonadecane	268	C19H40	000629-92-5	25
4		Hexadecane	226	C16H34	000544-76-3	18
5		Pentadecane	212	C15H32	000629-62-9	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

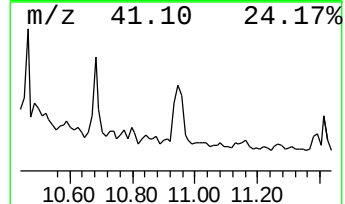
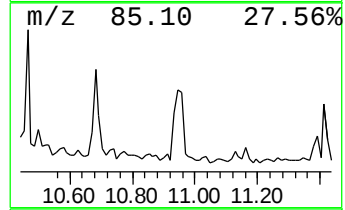
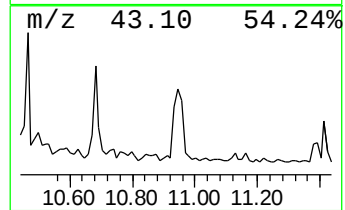
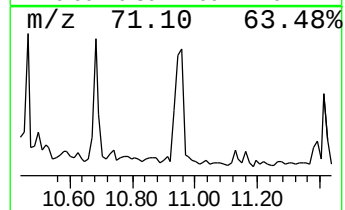
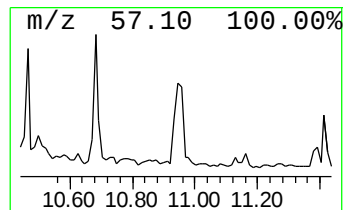
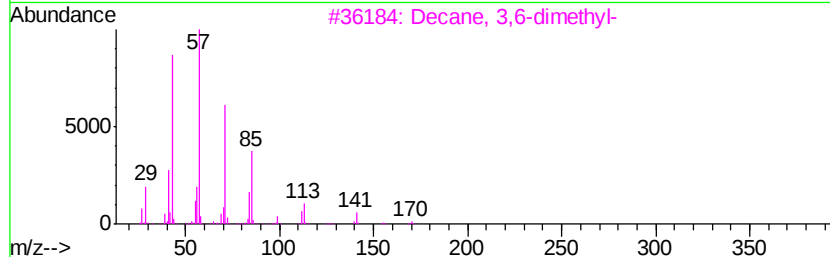
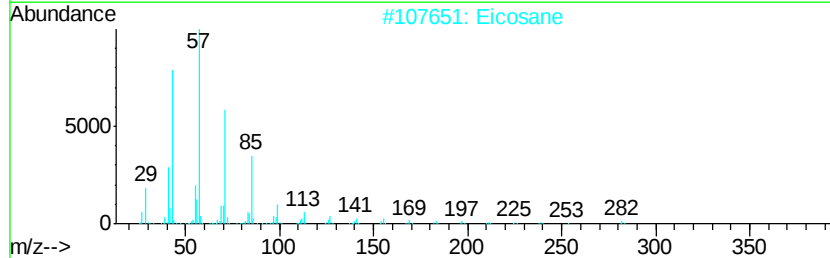
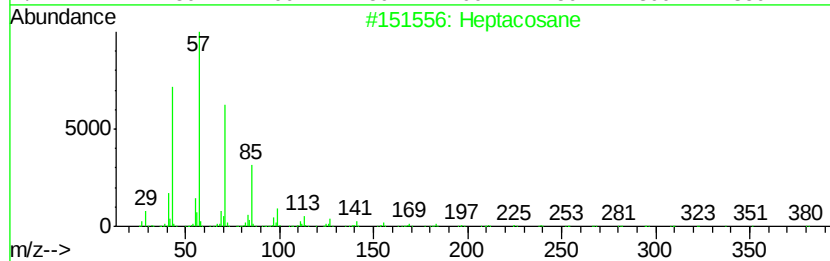
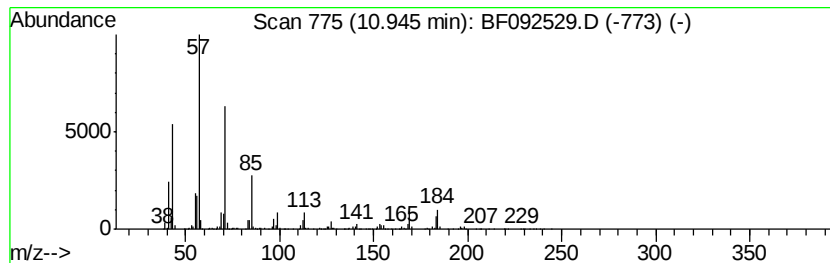
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	18.57 ng	1043960	Phenanthrene-d10	11.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	76
2		Eicosane	282	C20H42	000112-95-8	64
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092529.D
 Acq On : 26 Jan 2017 16:50
 Operator : SJ/MA
 Sample : I1312-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-03-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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
unknown6.74	6.74	21.0	ng	1864590	1	6.98	1778520	20.0
Undecane, 2,5-dim...	8.33	14.5	ng	1818460	2	8.27	2503430	20.0
Cyclohexane, (4-m...	8.57	13.0	ng	1625740	2	8.27	2503430	20.0
Octane, 3,6-dimet...	8.69	26.5	ng	3315600	2	8.27	2503430	20.0
Tridecane, 7-meth...	8.82	9.9	ng	1240690	2	8.27	2503430	20.0
Tridecane	8.86	11.8	ng	1479720	2	8.27	2503430	20.0
unknown8.93	8.93	15.2	ng	1898260	2	8.27	2503430	20.0
Undecane, 2,6-dim...	8.97	10.9	ng	1360430	2	8.27	2503430	20.0
unknown9.08	9.08	9.4	ng	1177950	2	8.27	2503430	20.0
Heptadecane, 2,6,...	9.30	15.1	ng	2655200	3	10.03	3510880	20.0
Tetradecane	9.44	12.6	ng	2207590	3	10.03	3510880	20.0
Benzene, 1,3,5-tr...	9.50	8.5	ng	1492130	3	10.03	3510880	20.0
Silane, trichloro...	9.90	8.7	ng	1529160	3	10.03	3510880	20.0
Hexadecane	9.96	24.5	ng	4293450	3	10.03	3510880	20.0
Undecane, 2-methyl-	10.19	8.9	ng	1558880	3	10.03	3510880	20.0
Dodecane	10.22	10.2	ng	1788760	3	10.03	3510880	20.0
unknown10.29	10.29	13.4	ng	2360620	3	10.03	3510880	20.0
Heptacosane	10.94	18.6	ng	1043960	4	11.52	1124190	20.0