

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076828.D
 Acq On : 13 Jan 2015 4:10
 Operator : IZ / TP
 Sample : G1030-17
 Misc : S
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1(STROMPIPE)

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	58	rVB	363147	643330	28.10%	1.274%
2	4.242	274	276	286	rBV	96039	196719	8.59%	0.389%
3	5.167	354	357	367	rBV	370358	676905	29.57%	1.340%
4	5.750	405	408	412	rVB	78940	156835	6.85%	0.311%
5	7.476	556	559	562	rBV	383744	660145	28.83%	1.307%
6	7.579	566	568	575	rVV	463166	760078	33.20%	1.505%
7	7.865	590	593	596	rBV	376730	598356	26.14%	1.185%
8	8.082	609	612	616	rBV	126758	227718	9.95%	0.451%
9	8.219	620	624	626	rBV2	95120	166846	7.29%	0.330%
10	8.402	637	640	643	rVB	302461	500549	21.86%	0.991%
11	8.779	671	673	679	rBV	92368	173925	7.60%	0.344%
12	8.893	679	683	687	rBV3	157027	435044	19.00%	0.861%
13	9.042	692	696	700	rVB2	160624	324455	14.17%	0.642%
14	9.145	700	705	709	rBV	119706	209954	9.17%	0.416%
15	9.373	722	725	729	rBV2	389359	679980	29.70%	1.346%
16	9.659	746	750	753	rBV	754972	1251863	54.68%	2.479%
17	9.911	768	772	775	rVB2	160178	347750	15.19%	0.689%
18	10.242	796	801	803	rBV3	64115	189278	8.27%	0.375%
19	10.299	803	806	808	rVV	107695	222570	9.72%	0.441%
20	10.425	814	817	819	rBV2	131171	231511	10.11%	0.458%
21	10.516	822	825	829	rVB4	136448	344244	15.04%	0.682%
22	10.608	829	833	835	rBV3	179952	334418	14.61%	0.662%
23	10.688	838	840	845	rVB2	239268	433889	18.95%	0.859%
24	10.779	845	848	852	rBV	143321	298989	13.06%	0.592%
25	10.996	860	867	869	rBV	249222	536540	23.44%	1.062%
26	11.042	869	871	876	rVV3	169507	441655	19.29%	0.874%
27	11.179	880	883	886	rVV	114875	266110	11.62%	0.527%
28	11.248	886	889	892	rVV	940049	1418122	61.94%	2.808%
29	11.431	902	905	908	rVB	257088	398100	17.39%	0.788%
30	11.511	908	912	914	rBV3	94509	183294	8.01%	0.363%
31	11.739	928	932	934	rBV3	78345	207555	9.07%	0.411%
32	12.002	951	955	962	rVB4	147393	519488	22.69%	1.029%
33	12.105	962	964	968	rBV2	134073	302979	13.23%	0.600%
34	12.197	968	972	974	rVV3	197837	508412	22.21%	1.007%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

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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	12.242	974	976	978	rVV	198808	374774	16.37%	0.742%
36	12.299	978	981	985	rVV	278098	613559	26.80%	1.215%
37	12.379	985	988	992	rVV4	120896	305089	13.33%	0.604%
38	12.597	1004	1007	1013	rVV4	161966	526594	23.00%	1.043%
39	12.711	1013	1017	1022	rVB2	1224406	2289397	100.00%	4.533%
40	12.917	1032	1035	1039	rVV2	207199	445449	19.46%	0.882%
41	13.020	1041	1044	1048	rVV3	184547	379062	16.56%	0.751%
42	13.088	1048	1050	1054	rVB2	62980	155456	6.79%	0.308%
43	13.340	1069	1072	1074	rVV3	168655	286608	12.52%	0.567%
44	13.431	1078	1080	1084	rVB2	78310	171940	7.51%	0.340%
45	13.580	1088	1093	1096	rVB3	219512	504267	22.03%	0.998%
46	13.648	1096	1099	1103	rBV2	486939	967684	42.27%	1.916%
47	13.740	1103	1107	1115	rVB	286435	739950	32.32%	1.465%
48	13.980	1124	1128	1130	rBV	121114	293005	12.80%	0.580%
49	14.071	1132	1136	1141	rVB	1066572	2055680	89.79%	4.070%
50	14.197	1145	1147	1148	rBV	111081	174219	7.61%	0.345%
51	14.380	1160	1163	1166	rVB	257902	428059	18.70%	0.848%
52	14.437	1166	1168	1173	rVB2	193448	432424	18.89%	0.856%
53	14.723	1184	1193	1197	rVB7	176306	916889	40.05%	1.815%
54	14.837	1198	1203	1206	rVV2	346185	795225	34.74%	1.575%
55	14.894	1206	1208	1210	rVB	130871	193386	8.45%	0.383%
56	14.974	1210	1215	1219	rBV3	129945	361302	15.78%	0.715%
57	15.134	1226	1229	1232	rVB	200823	349138	15.25%	0.691%
58	15.214	1232	1236	1239	rBV2	93330	257714	11.26%	0.510%
59	15.283	1239	1242	1244	rVV2	71281	169625	7.41%	0.336%
60	15.351	1244	1248	1252	rVB	1100032	1924336	84.05%	3.810%
61	15.694	1276	1278	1280	rVB	117440	159694	6.98%	0.316%
62	15.774	1283	1285	1290	rVB	140015	200806	8.77%	0.398%
63	15.877	1291	1294	1296	rBV2	98549	247430	10.81%	0.490%
64	15.923	1296	1298	1300	rVV	204478	374718	16.37%	0.742%
65	15.980	1300	1303	1307	rVV5	201513	487782	21.31%	0.966%
66	16.048	1307	1309	1312	rVV	224623	398115	17.39%	0.788%
67	16.128	1312	1316	1322	rVB4	165237	409692	17.90%	0.811%
68	16.403	1337	1340	1343	rBV	976189	1623266	70.90%	3.214%
69	16.460	1343	1345	1349	rVB4	109045	213785	9.34%	0.423%
70	16.711	1365	1367	1369	rVB	164465	209801	9.16%	0.415%
71	16.768	1369	1372	1373	rBV	416393	663940	29.00%	1.315%

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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 >
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72	16.883	1380	1382	1384	rBV3	97453	176648	7.72%	0.350%
73	16.997	1389	1392	1394	rBV	110960	180811	7.90%	0.358%
74	17.226	1409	1412	1415	rVV	1028073	2242973	97.97%	4.441%
75	17.511	1435	1437	1440	rBV	142551	247176	10.80%	0.489%
76	17.660	1448	1450	1453	rBV3	131700	300184	13.11%	0.594%
77	17.854	1465	1467	1469	rBV	231796	356320	15.56%	0.706%
78	17.900	1469	1471	1473	rVV2	1235705	1498237	65.44%	2.966%
79	17.934	1473	1474	1476	rVB	343575	369275	16.13%	0.731%
80	18.163	1491	1494	1496	rBV2	76183	155447	6.79%	0.308%
81	18.437	1516	1518	1521	rVB3	98644	167607	7.32%	0.332%
82	18.506	1521	1524	1526	rBV	758640	940734	41.09%	1.863%
83	18.597	1530	1532	1534	rBV	132221	165958	7.25%	0.329%
84	18.631	1534	1535	1537	rVB	159730	164065	7.17%	0.325%
85	18.734	1541	1544	1546	rVV2	119950	221330	9.67%	0.438%
86	19.054	1569	1572	1574	rVB	518895	777889	33.98%	1.540%
87	19.249	1587	1589	1595	rVV4	93101	206631	9.03%	0.409%
88	19.534	1611	1614	1615	rBV	788010	1207953	52.76%	2.392%
89	19.809	1636	1638	1641	rVV	572171	752166	32.85%	1.489%
90	20.037	1655	1658	1659	rVV2	254458	375562	16.40%	0.744%
91	20.072	1659	1661	1664	rVV	679669	749560	32.74%	1.484%
92	20.483	1694	1697	1699	rVV2	216676	249169	10.88%	0.493%
93	20.917	1731	1735	1737	rVB2	98591	179957	7.86%	0.356%
94	21.340	1767	1772	1774	rBV3	482214	990714	43.27%	1.962%
95	21.375	1774	1775	1777	rVV	312849	275825	12.05%	0.546%
96	22.609	1880	1883	1888	rVV	265235	595562	26.01%	1.179%
97	22.918	1908	1910	1913	rVB	145281	181466	7.93%	0.359%
98	22.975	1913	1915	1917	rVB	249973	291669	12.74%	0.577%
99	23.043	1918	1921	1922	rBV	220727	306380	13.38%	0.607%
100	24.209	2020	2023	2028	rVB2	102933	230963	10.09%	0.457%

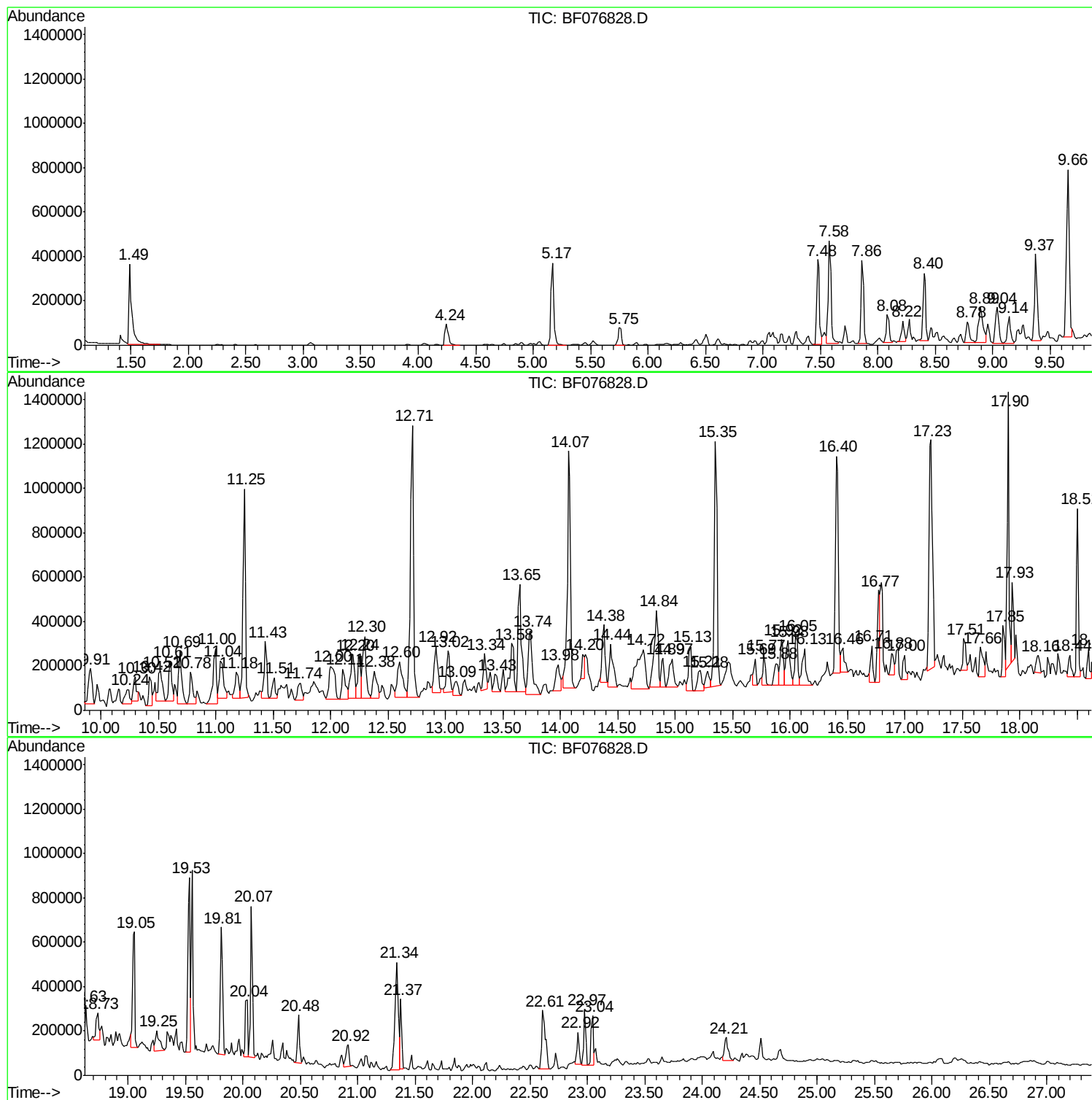
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Instrument :
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ClientSampleId :
SS-1(STROMPIPE)

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



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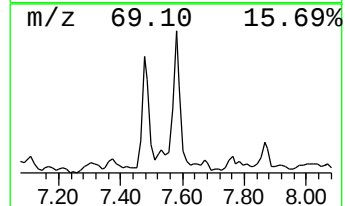
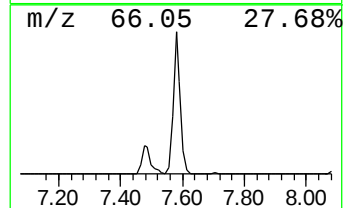
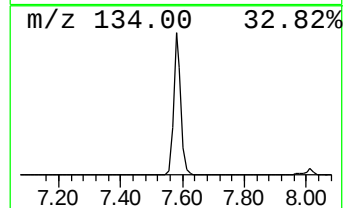
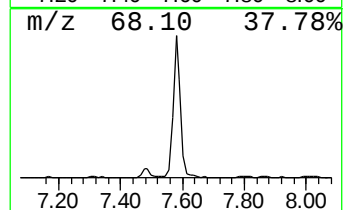
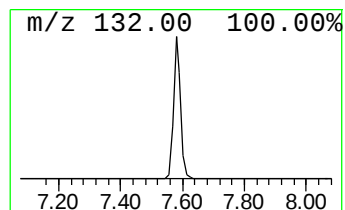
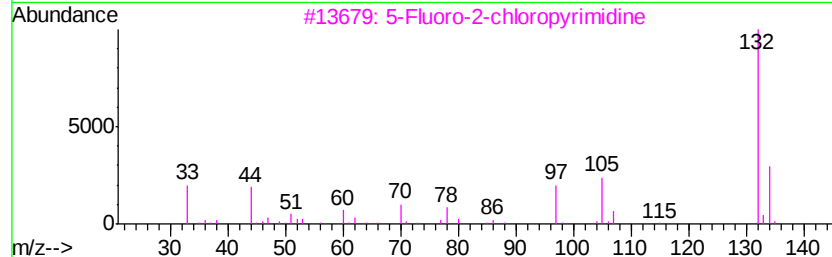
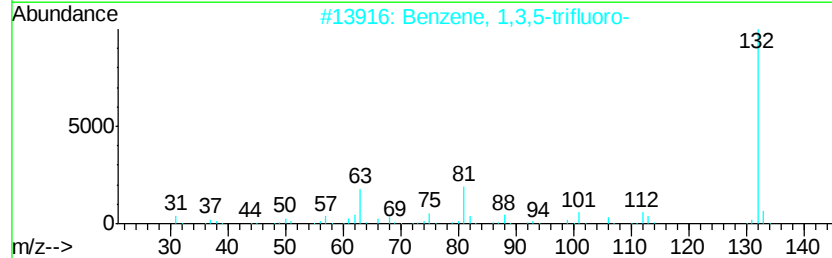
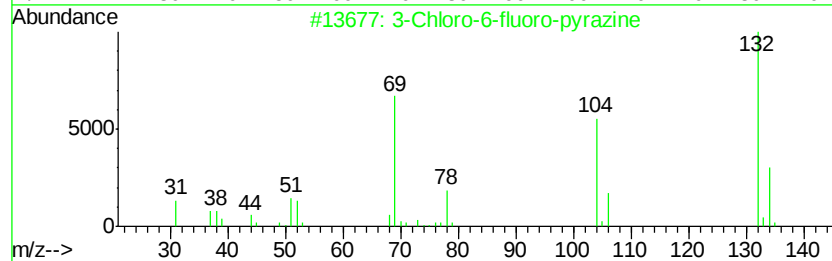
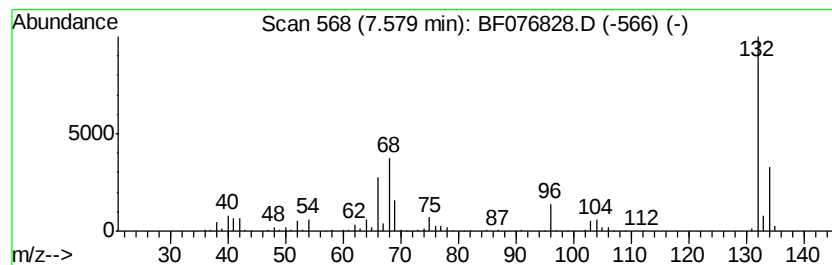
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	66.76 ng	760078	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		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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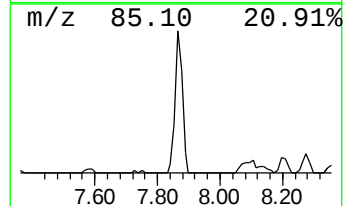
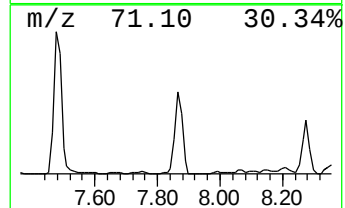
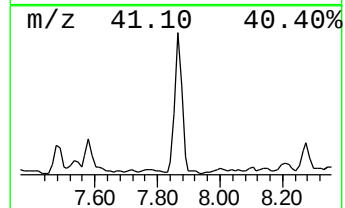
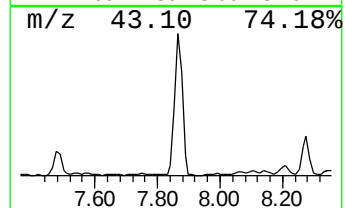
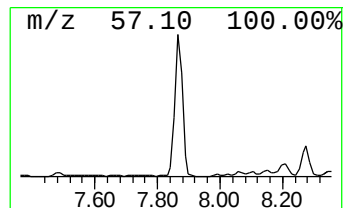
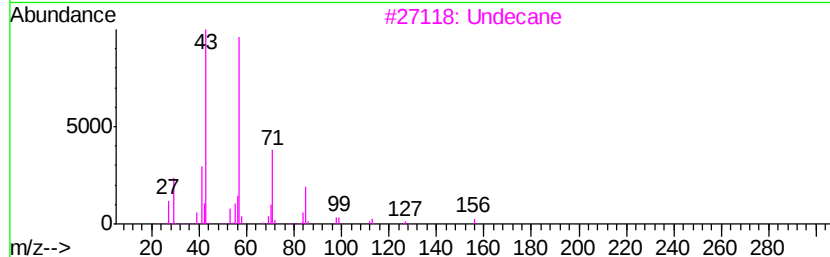
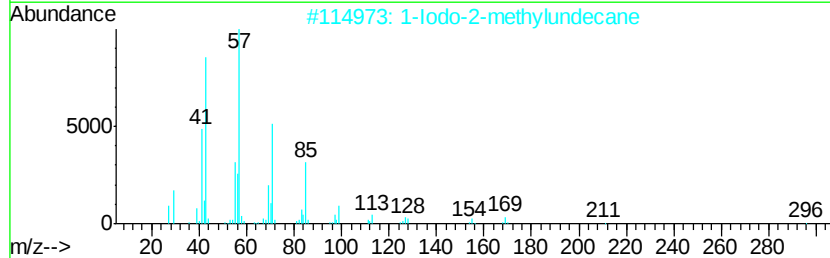
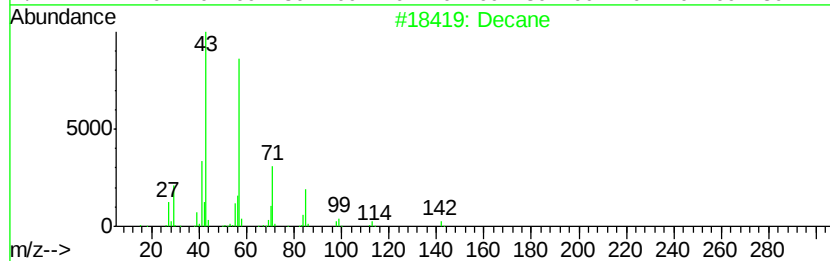
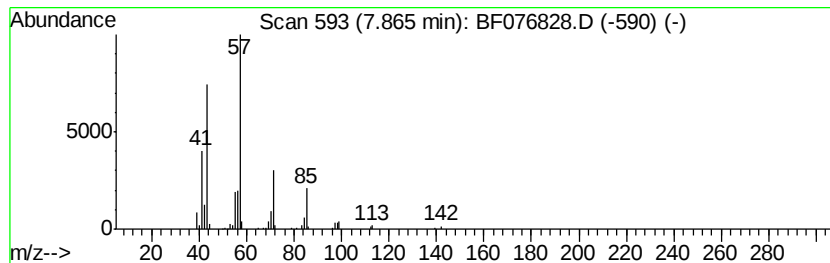
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	52.55 ng	598356	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	78
2	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	72
3	Undecane		156	C11H24	001120-21-4	64
4	Pentadecane		212	C15H32	000629-62-9	59
5	Nonane		128	C9H20	000111-84-2	59



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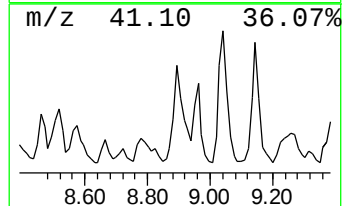
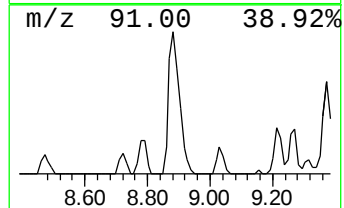
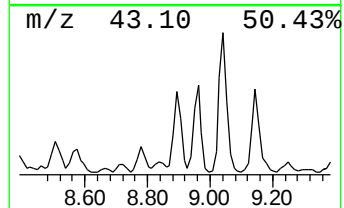
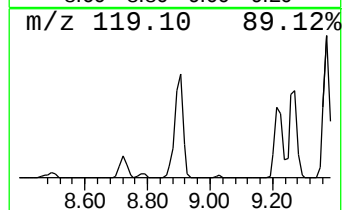
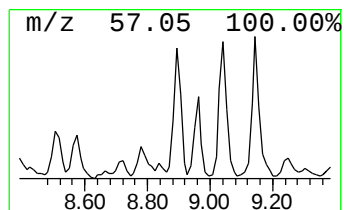
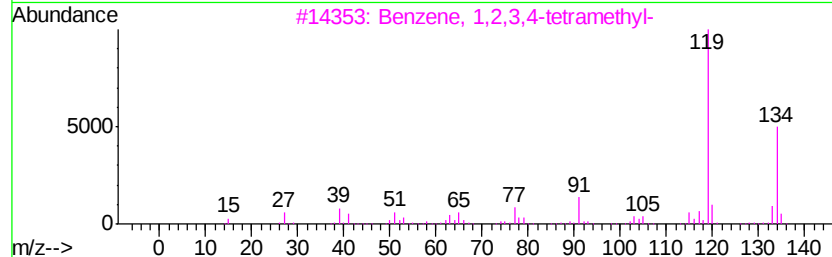
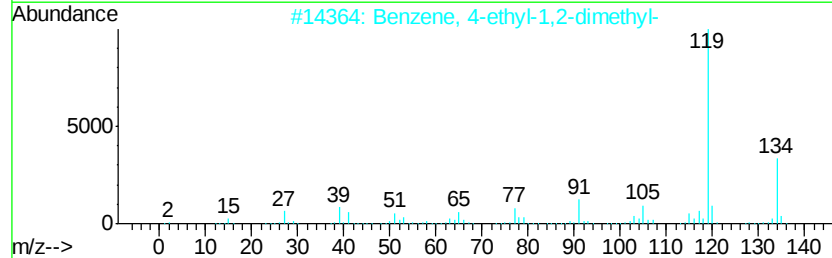
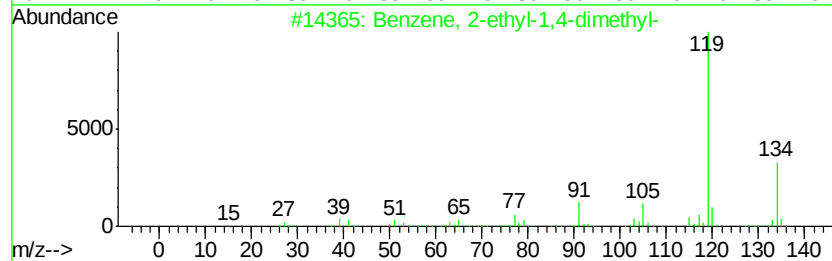
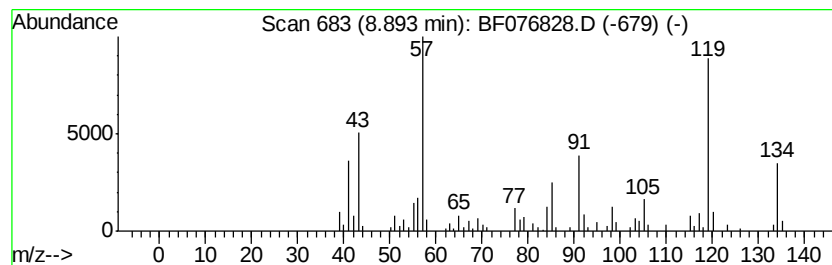
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	38.21 ng	435044	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	83
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

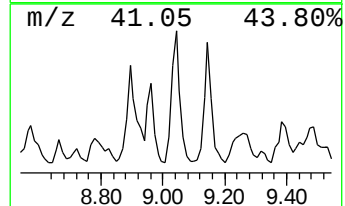
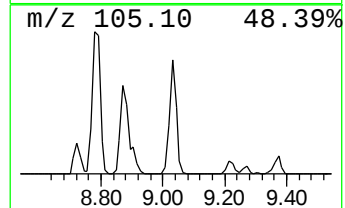
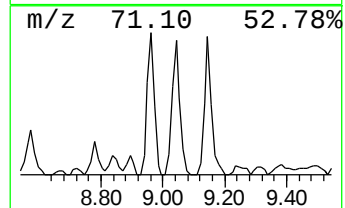
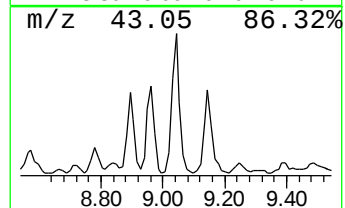
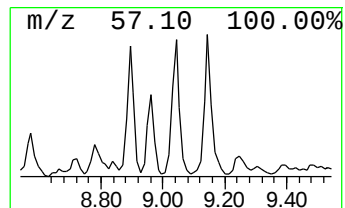
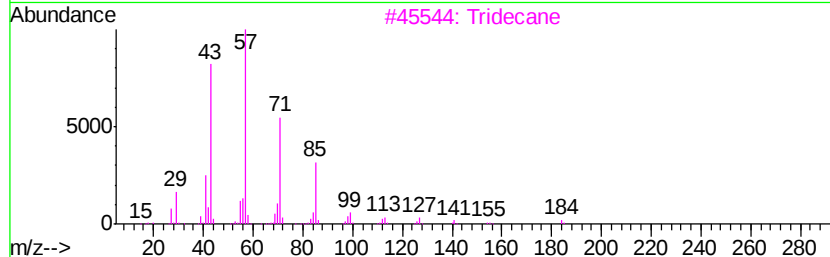
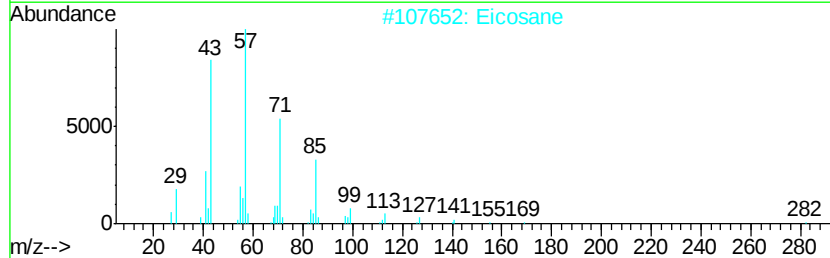
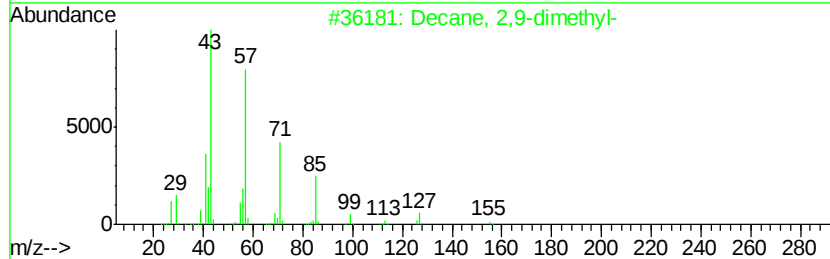
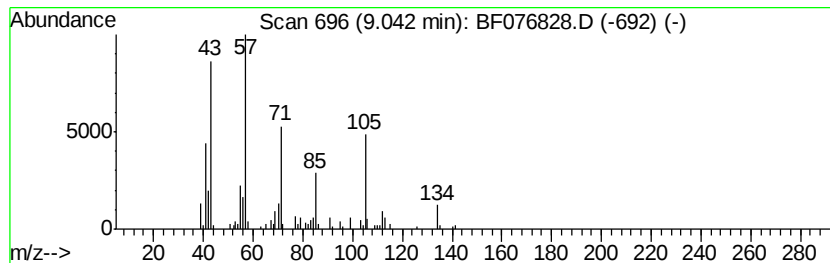
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	28.50 ng	324455	1,4-Dichlorobenzene-d4	8.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53	
2	Eicosane	282	C20H42	000112-95-8	49	
3	Tridecane	184	C13H28	000629-50-5	47	
4	Tetradecane	198	C14H30	000629-59-4	47	
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Acq On : 13 Jan 2015 4:10
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Sample : G1030-17
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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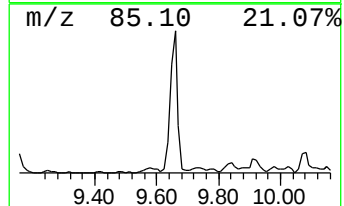
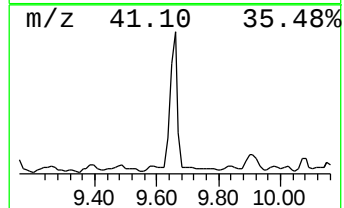
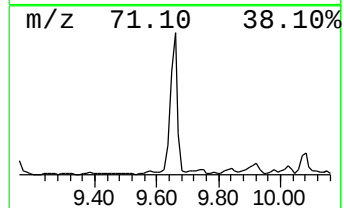
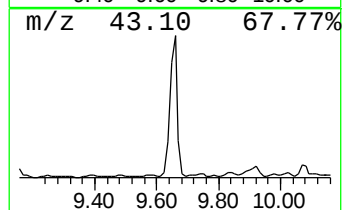
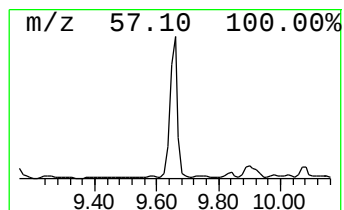
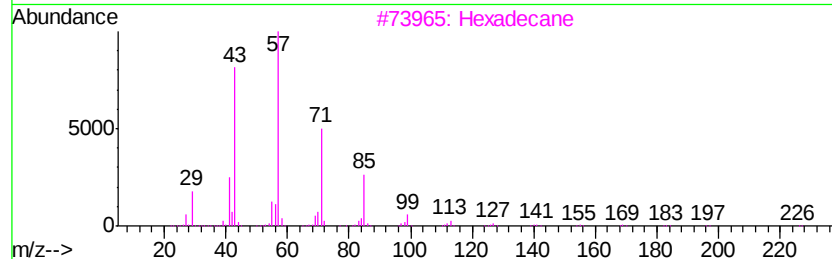
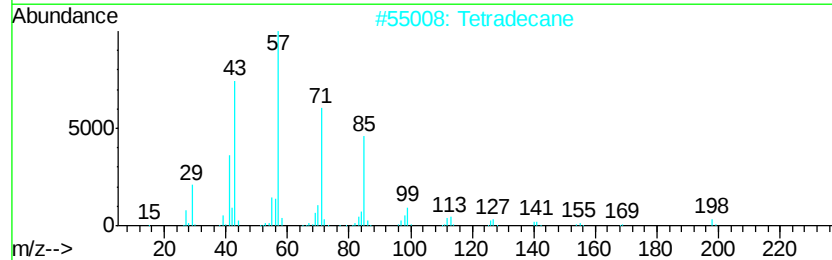
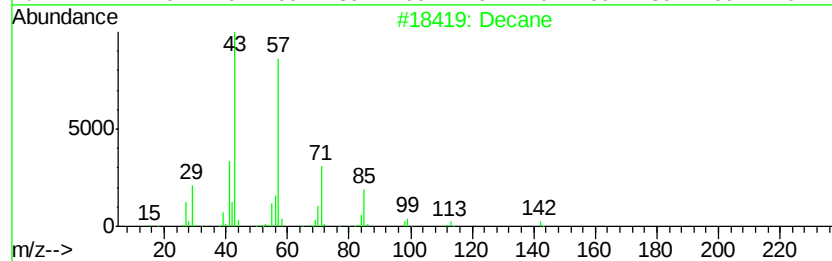
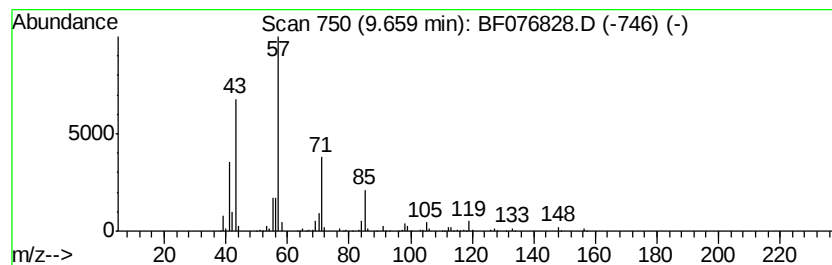
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	46.66 ng	1251860	Napthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	83
2		Tetradecane	198	C14H30	000629-59-4	78
3		Hexadecane	226	C16H34	000544-76-3	78
4		Tridecane	184	C13H28	000629-50-5	72
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

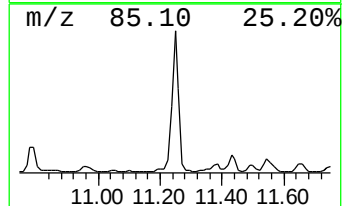
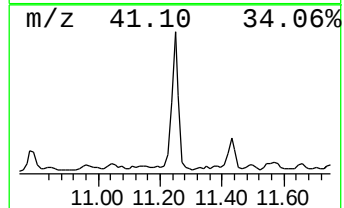
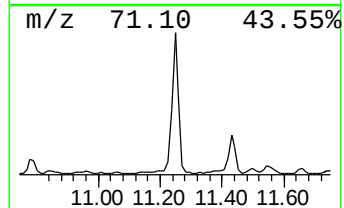
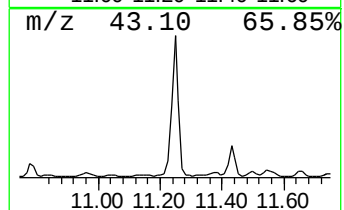
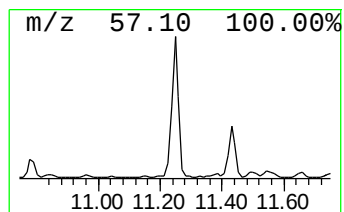
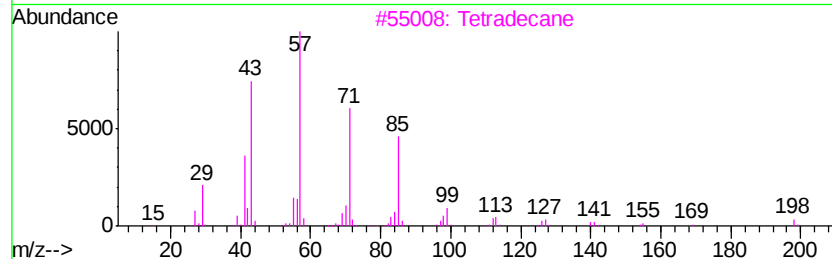
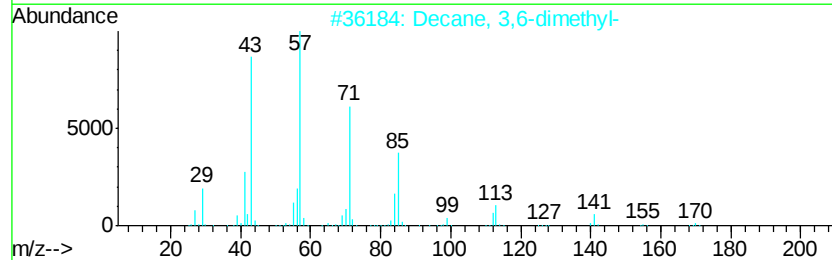
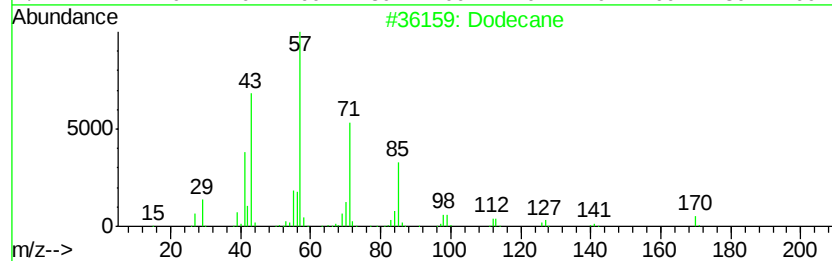
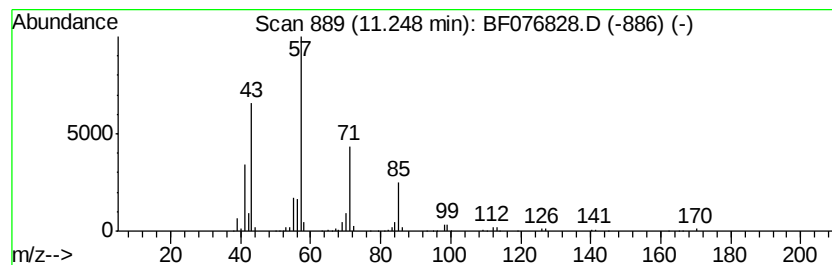
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	52.86 ng	1418120	Napthalene-d8	11.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	94
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	80
3	Tetradecane		198	C14H30	000629-59-4	78
4	Octacosane		394	C28H58	000630-02-4	72
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Operator : IZ / TP
Sample : G1030-17
Misc : S
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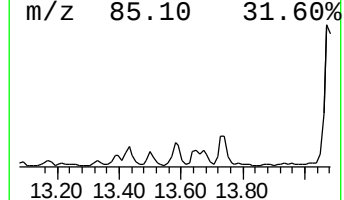
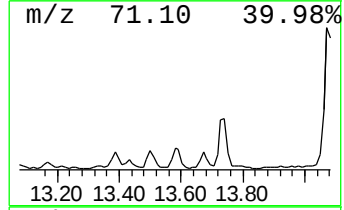
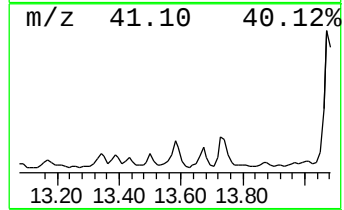
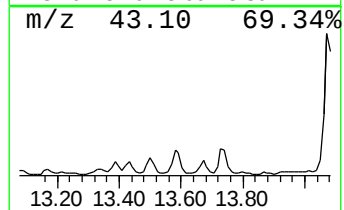
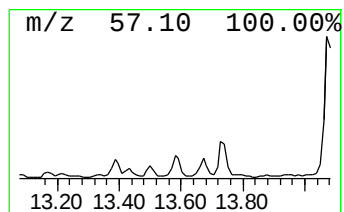
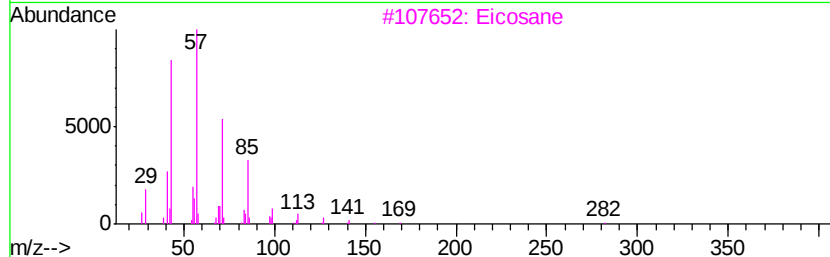
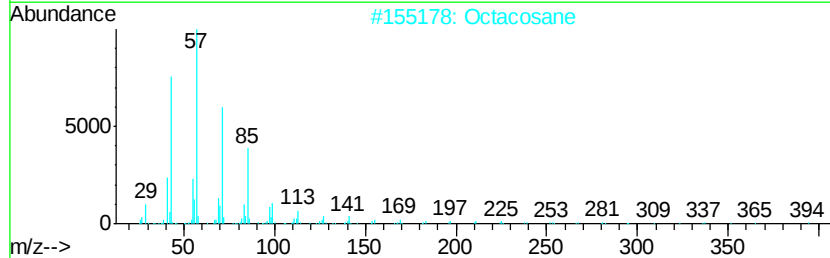
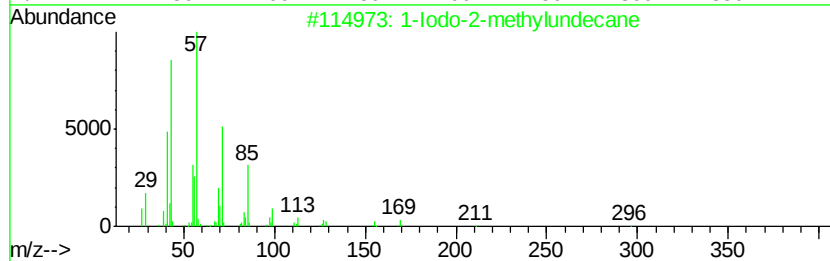
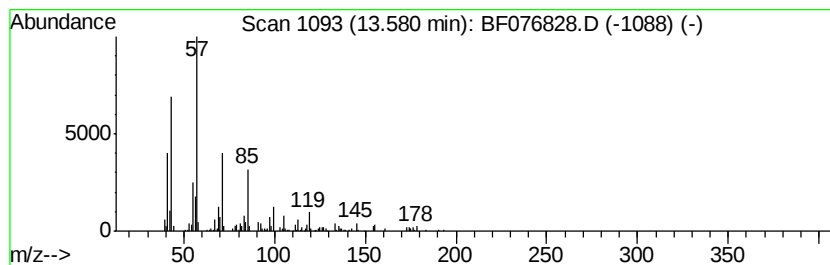
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	28.89 ng	504267	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	74
2	Octacosane	394 C28H58	000630-02-4	72
3	Eicosane	282 C20H42	000112-95-8	68
4	Heptacosane	380 C27H56	000593-49-7	68
5	1-Iodoundecane	282 C11H23I	004282-44-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-1(STROMPIPE)

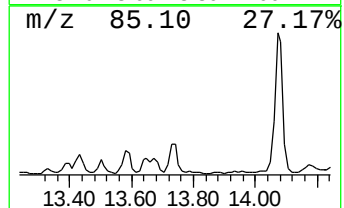
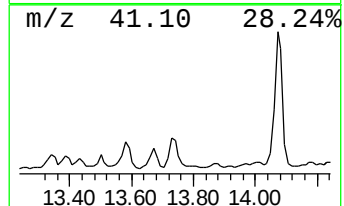
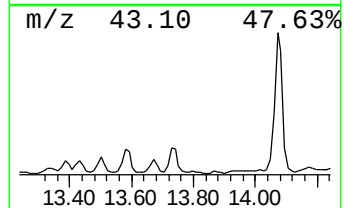
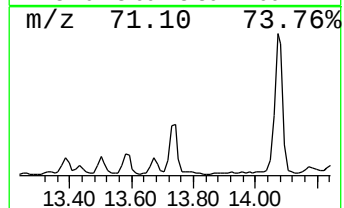
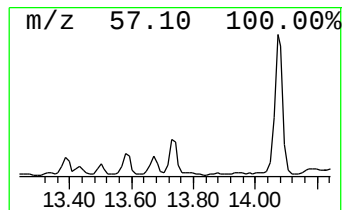
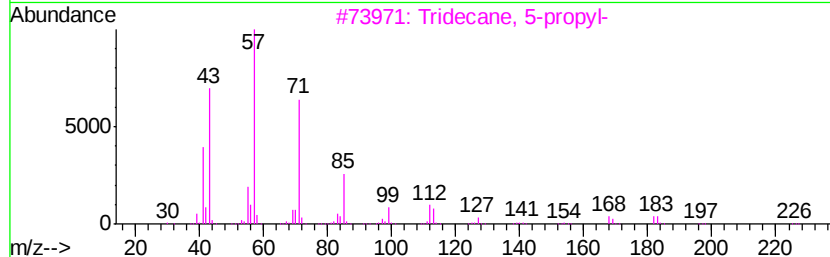
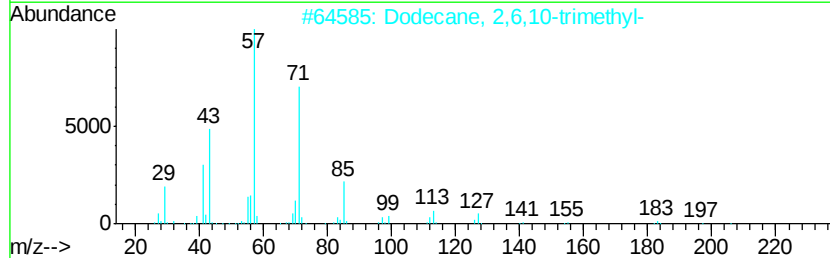
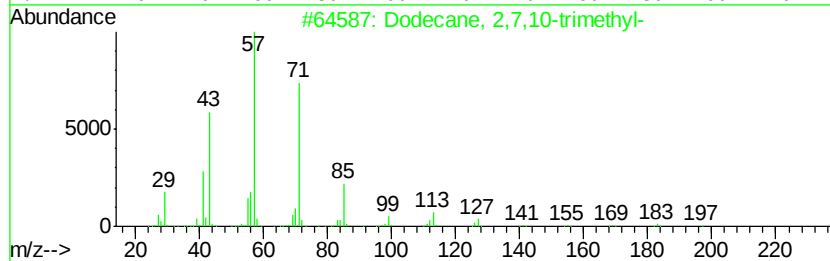
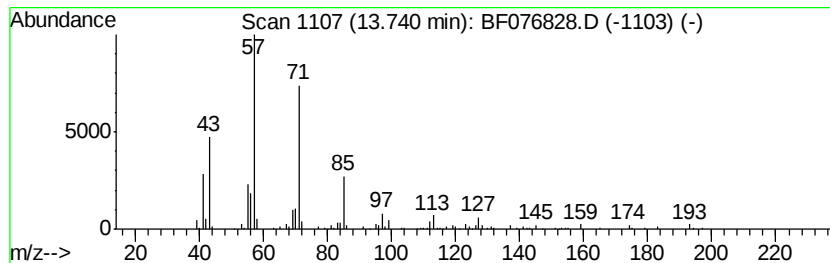
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	42.39 ng	739950	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, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
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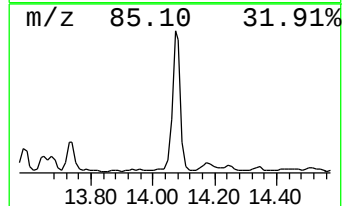
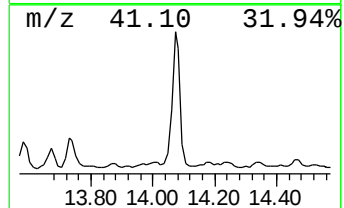
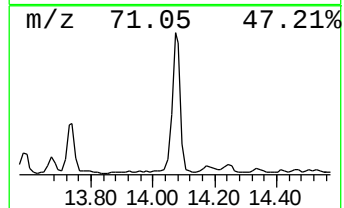
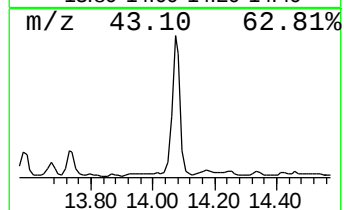
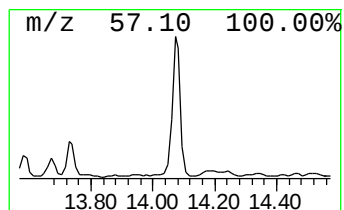
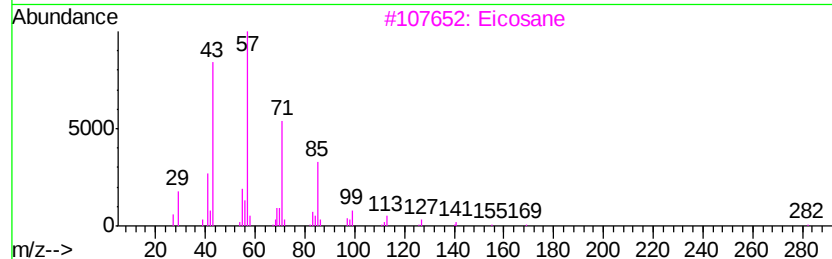
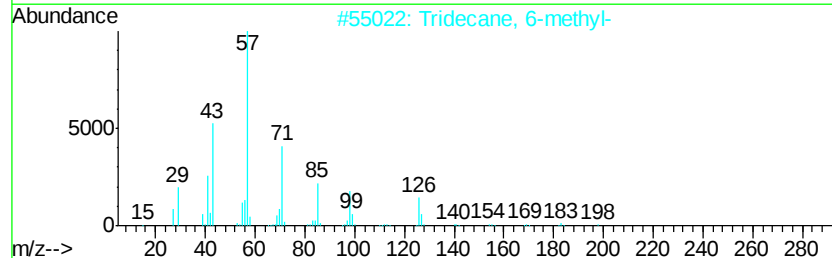
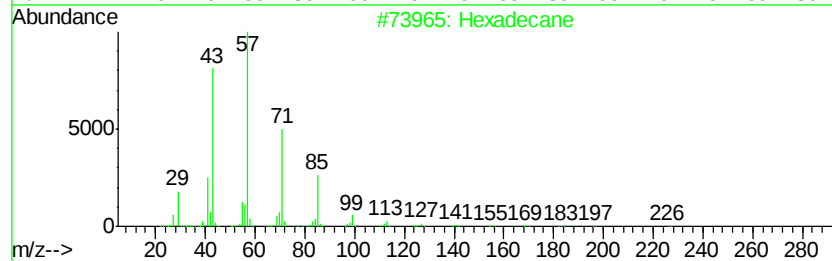
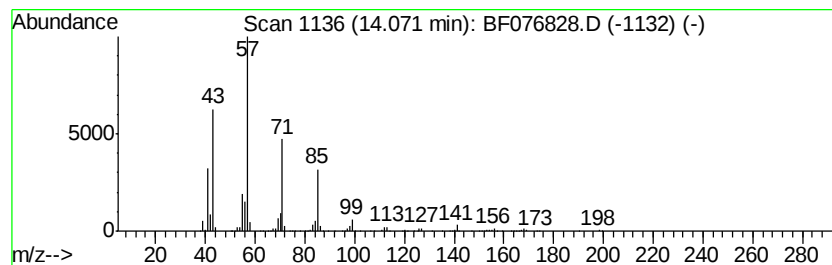
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	117.76 ng	2055680	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Tridecane	184	C13H28	000629-50-5	78
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-1(STROMPIPE)

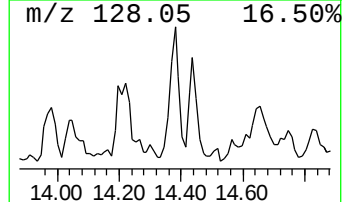
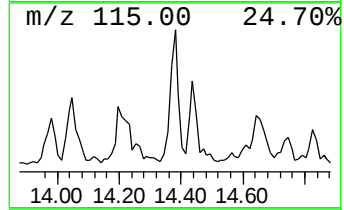
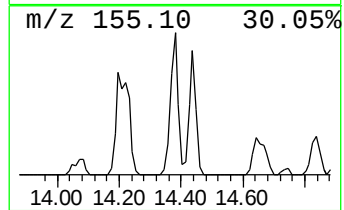
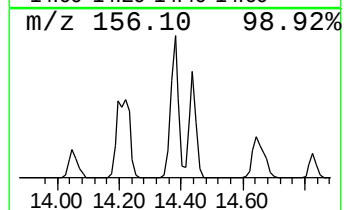
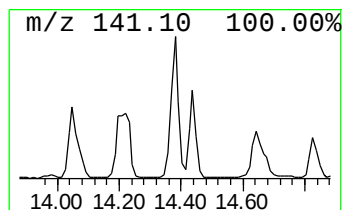
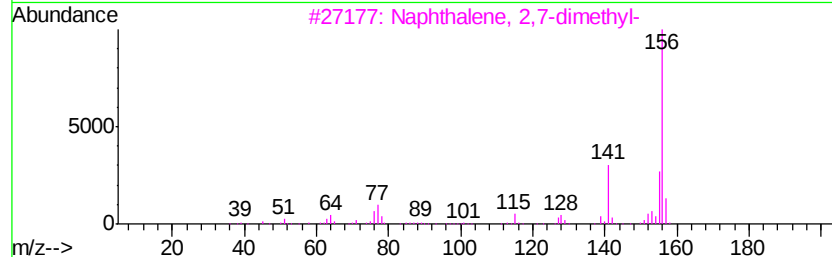
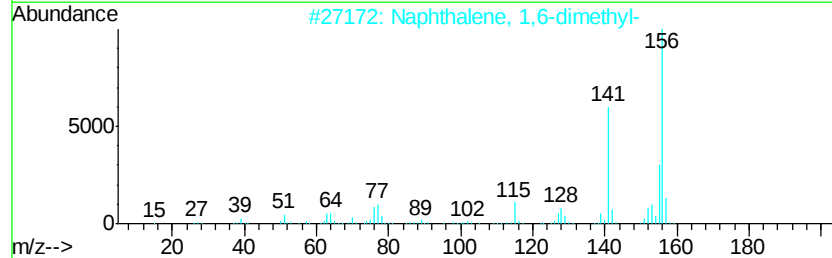
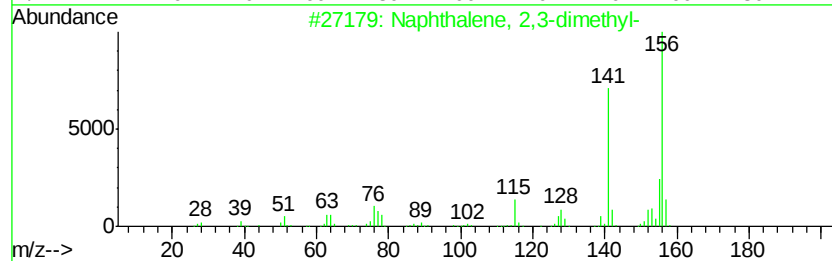
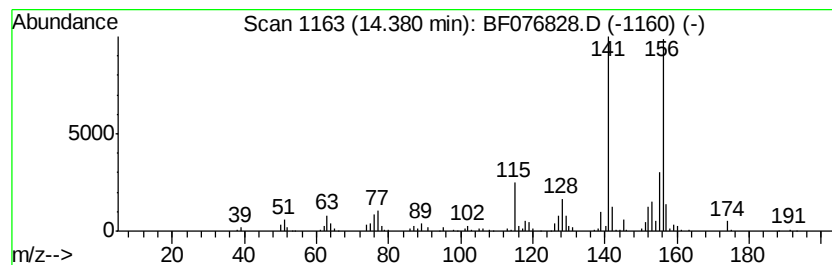
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	24.52 ng	428059	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

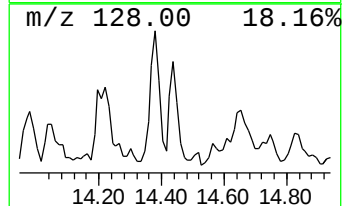
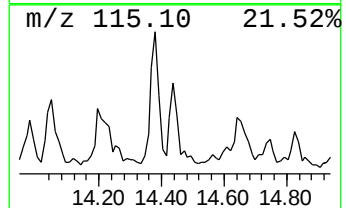
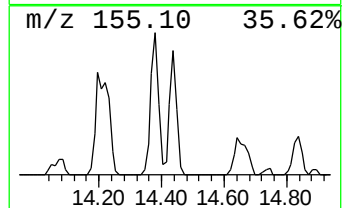
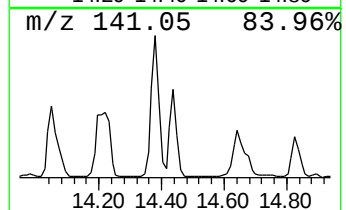
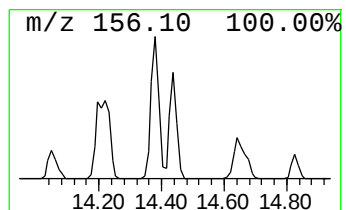
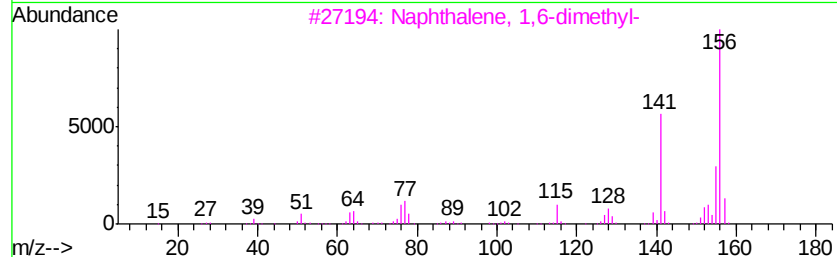
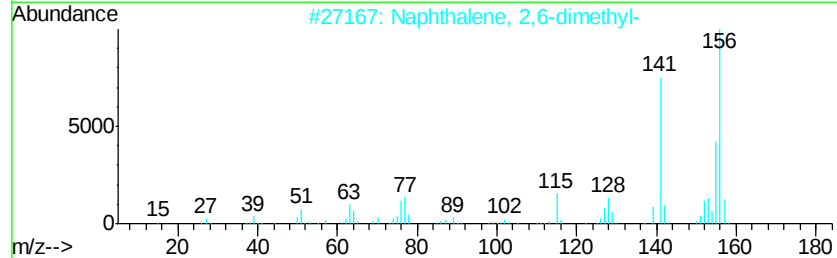
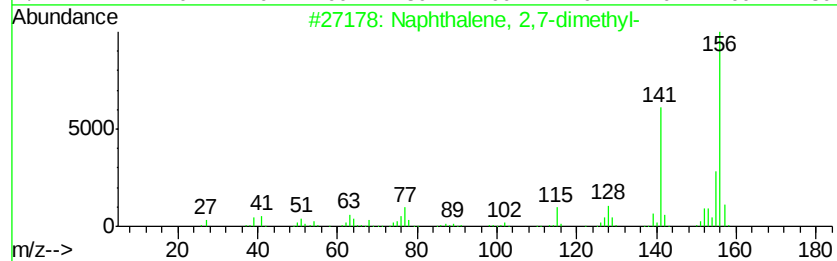
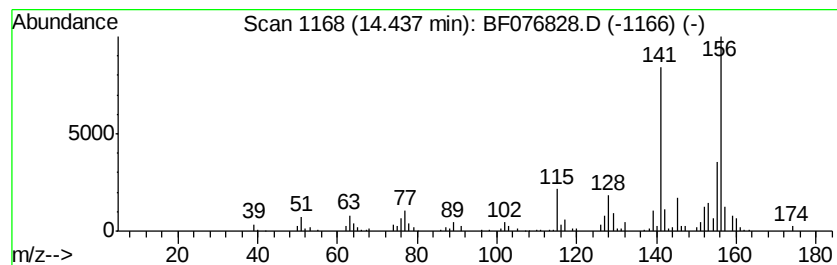
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	24.77 ng	432424	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

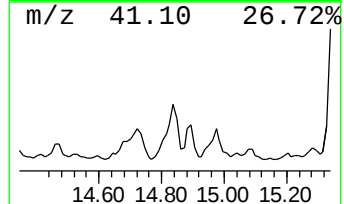
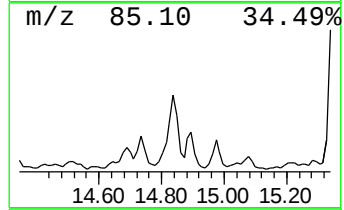
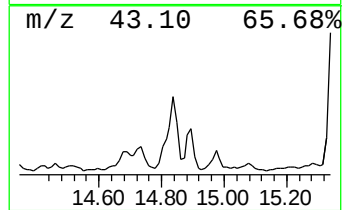
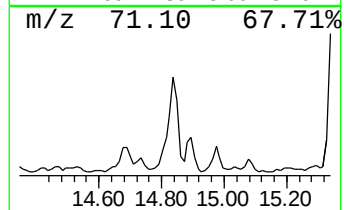
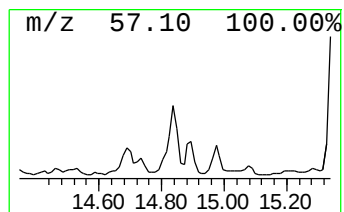
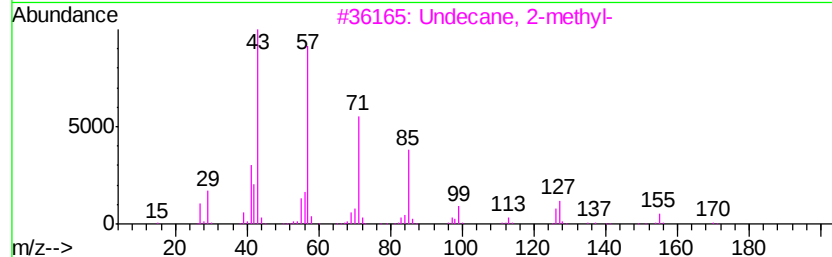
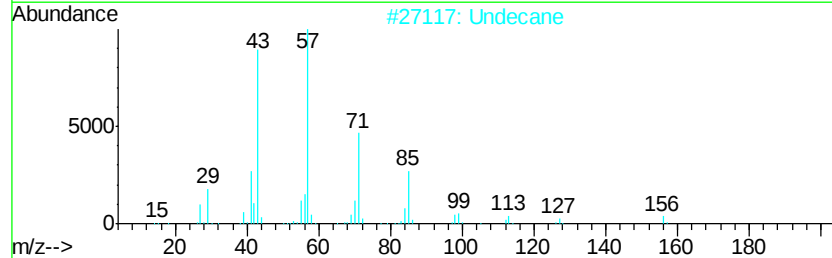
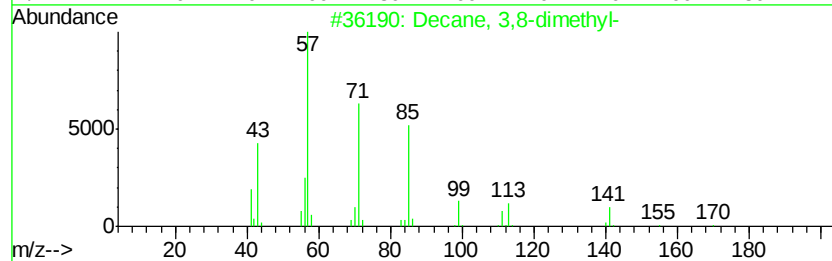
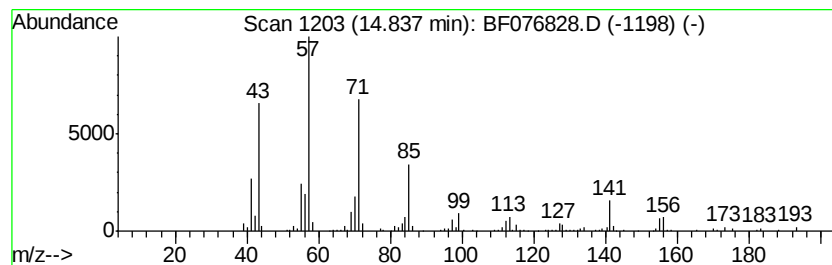
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	45.55 ng	795225	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2		Undecane	156	C11H24	001120-21-4	87
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

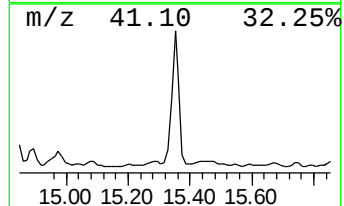
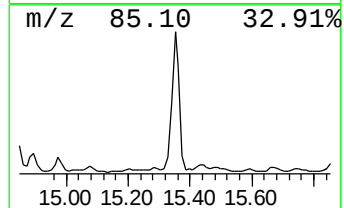
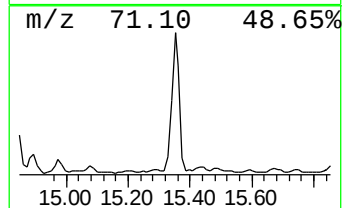
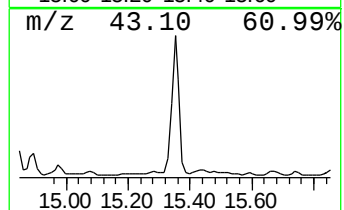
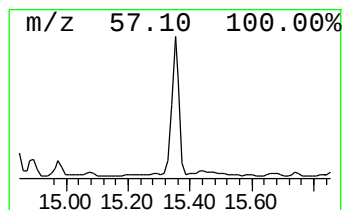
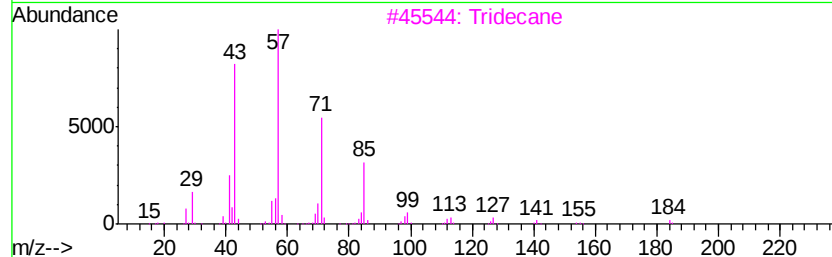
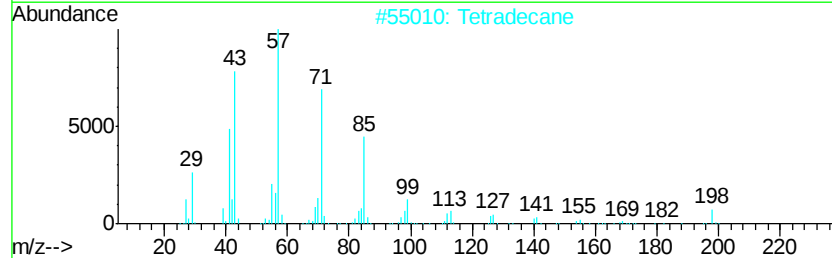
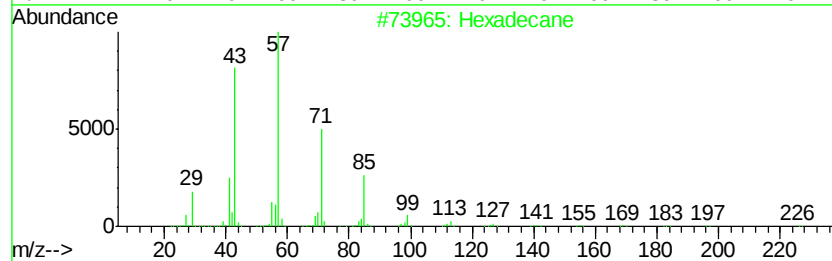
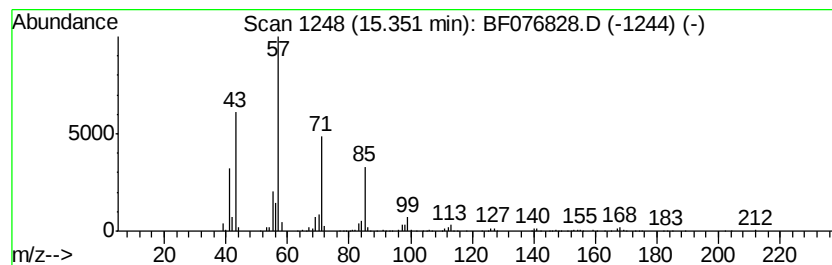
Instrument :
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ClientSampleId :
SS-1(STROMPIPE)

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 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.35	110.23 ng	1924340	Acenaphthene-d10		15.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	80
3	Tridecane	184	C13H28	000629-50-5	78
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

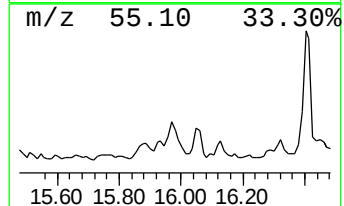
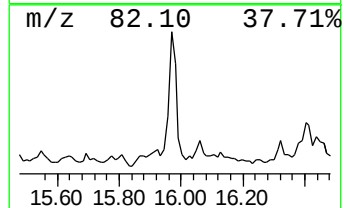
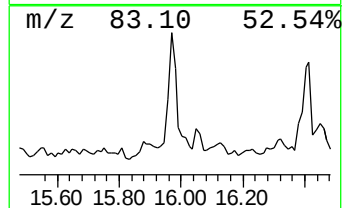
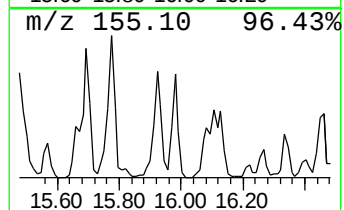
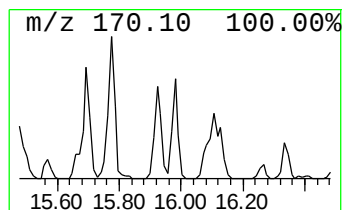
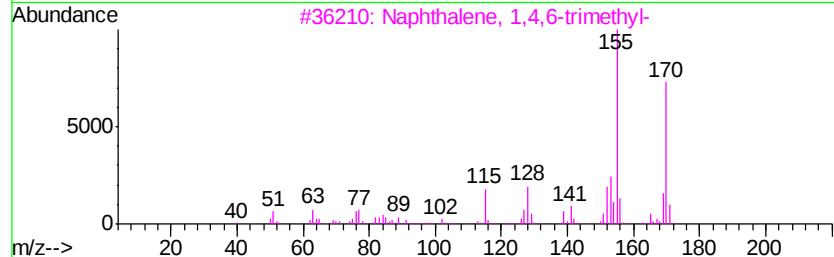
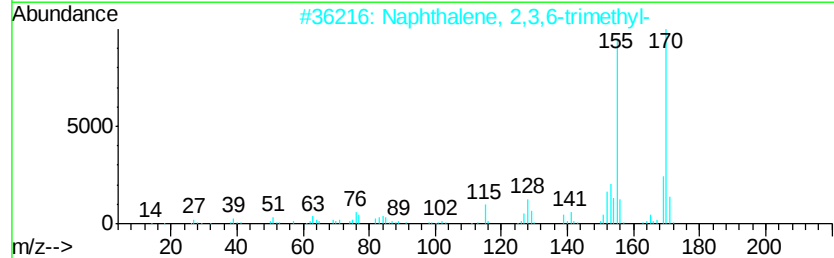
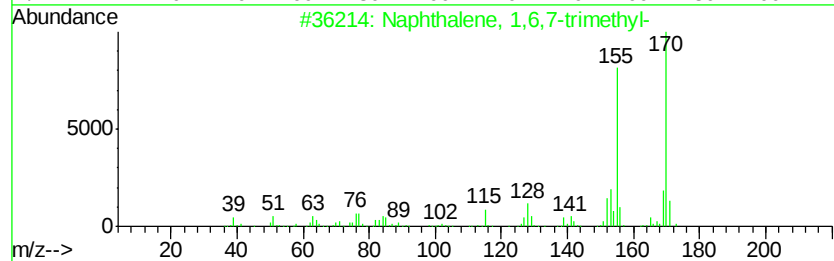
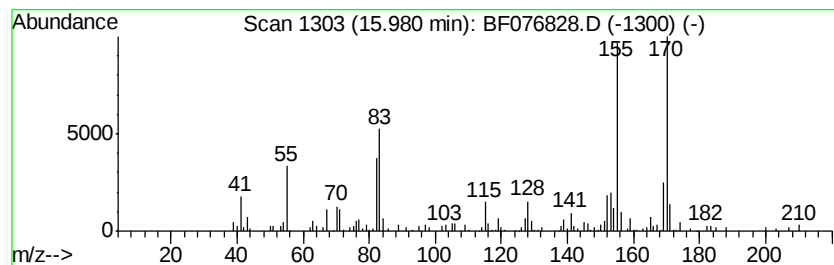
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	27.94 ng	487782	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

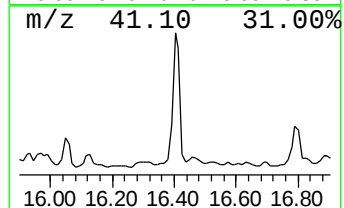
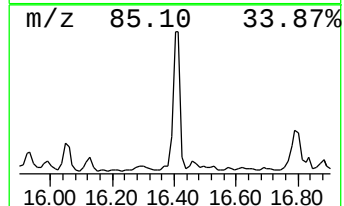
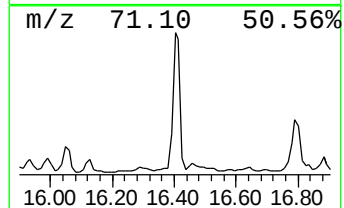
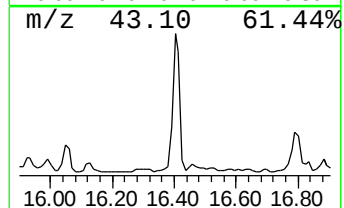
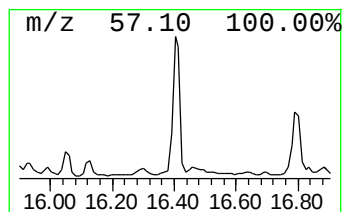
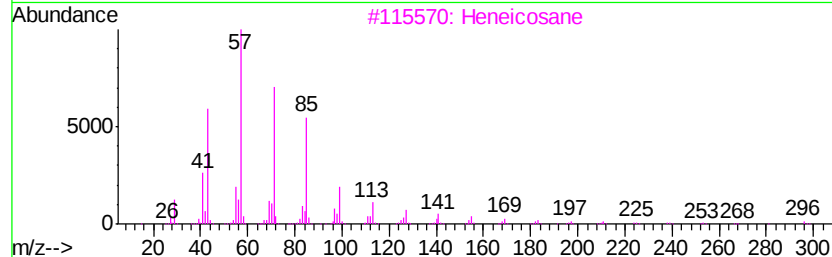
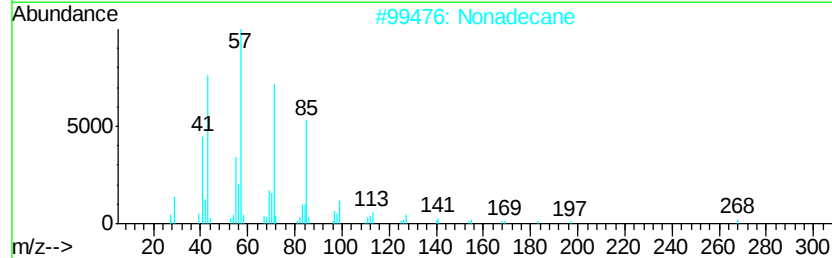
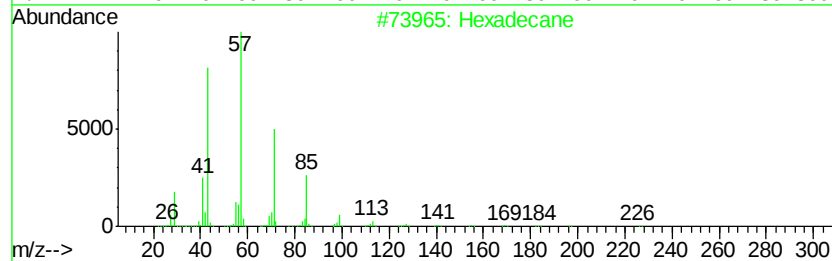
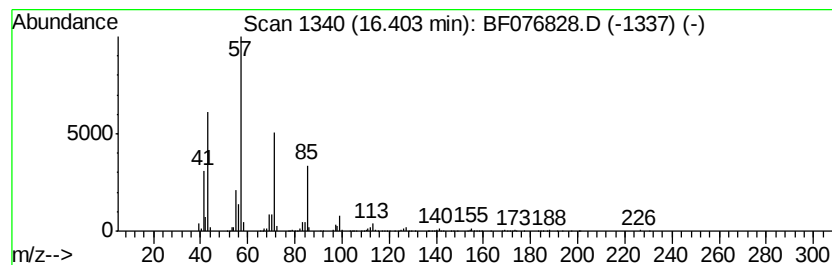
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	92.99 ng	1623270	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Nonadecane	268	C19H40	000629-92-5	80
3		Heneicosane	296	C21H44	000629-94-7	78
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-1(STROMPIPE)

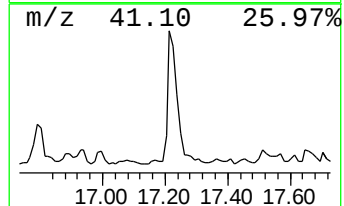
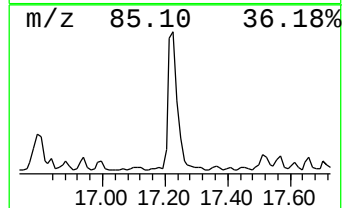
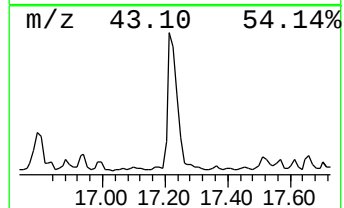
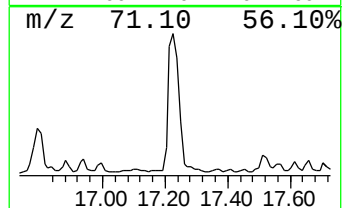
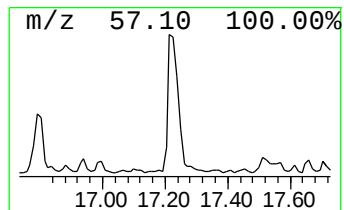
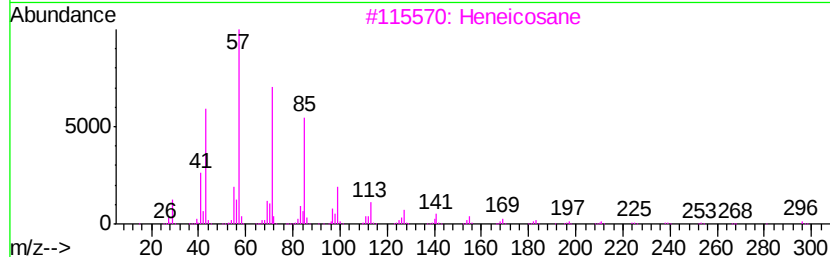
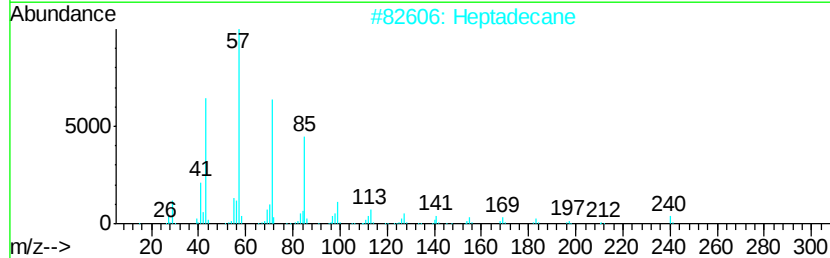
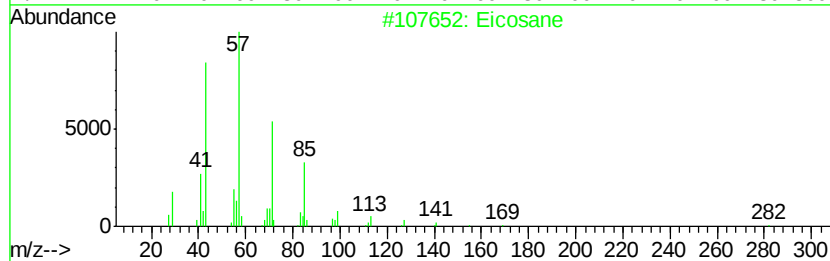
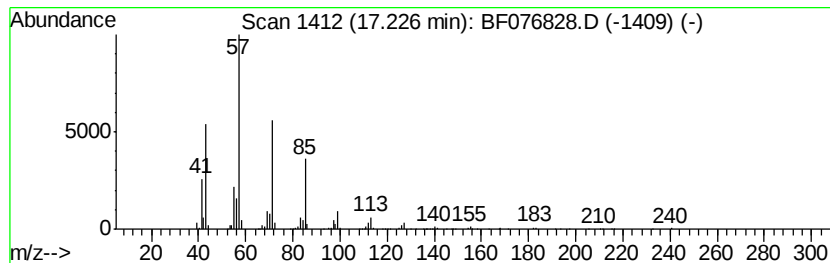
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	125.90 ng	2242970	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-1(STROMPIPE)

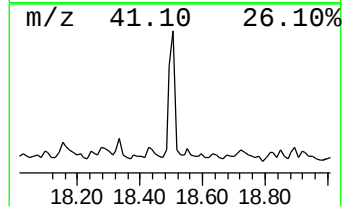
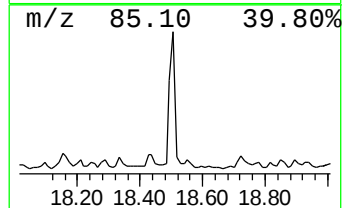
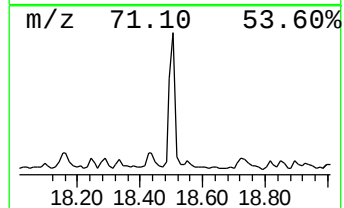
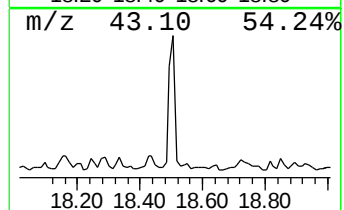
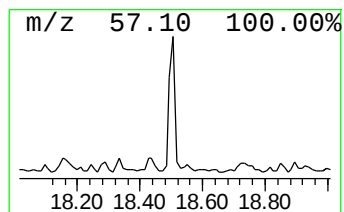
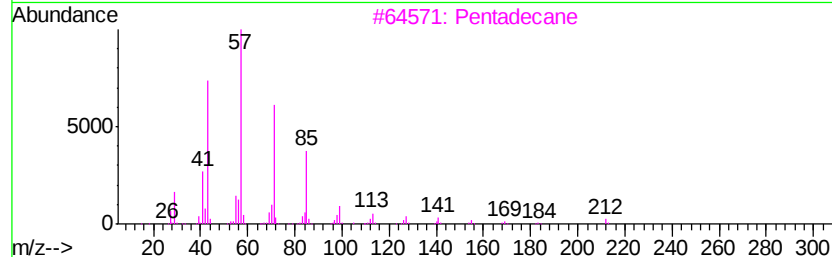
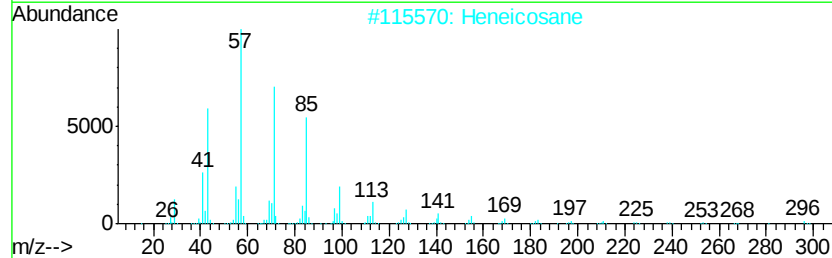
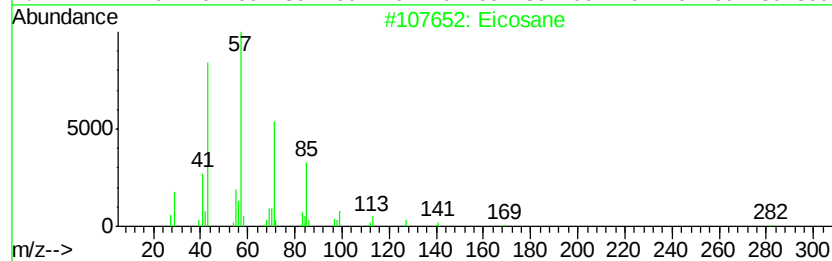
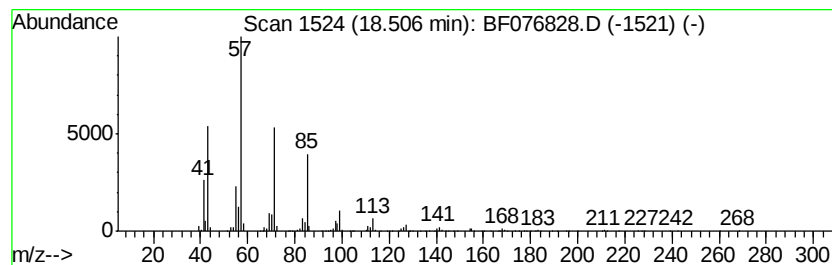
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	52.80 ng	940734	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076828.D
Acq On : 13 Jan 2015 4:10
Operator : IZ / TP
Sample : G1030-17
Misc : S
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1(STROMPIPE)

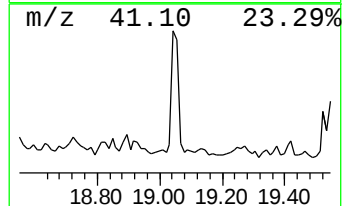
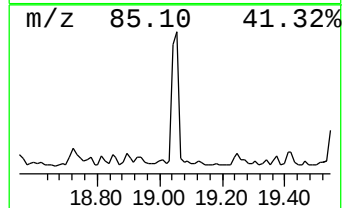
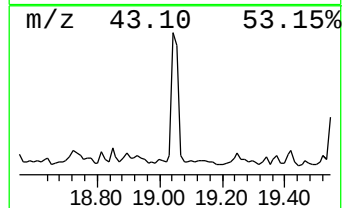
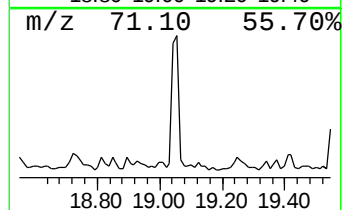
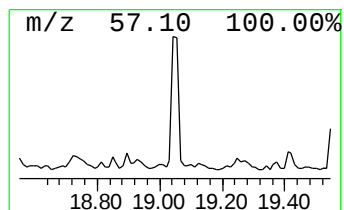
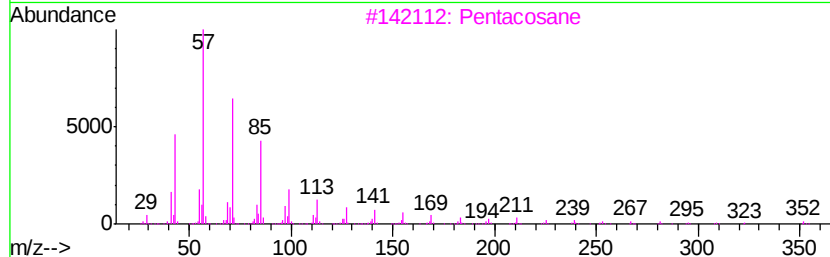
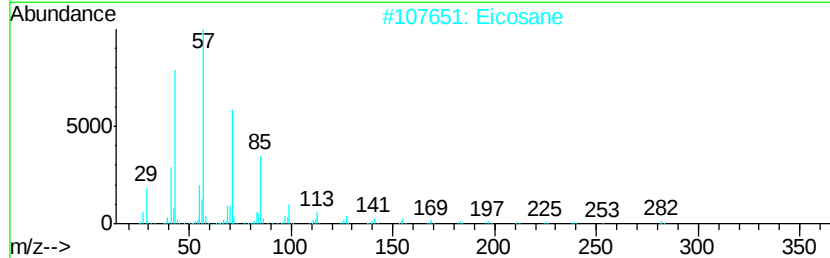
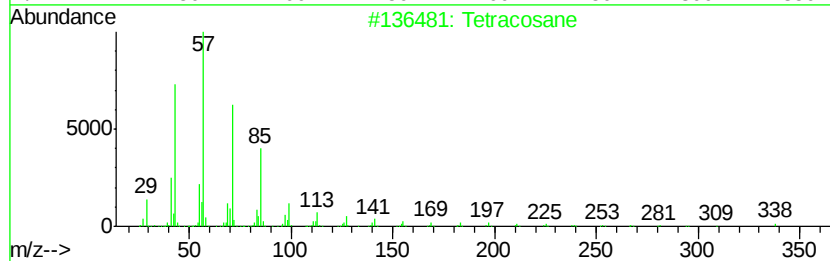
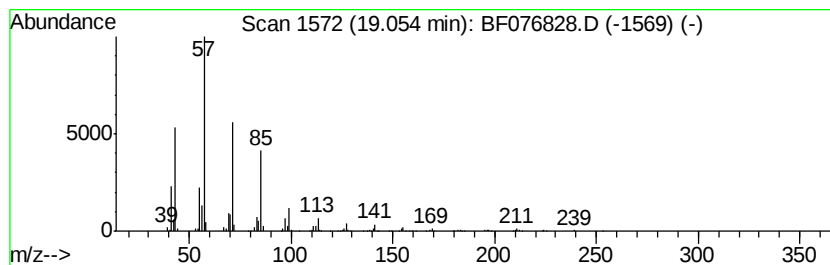
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	43.66 ng	777889	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Pentacosane	352	C25H52	000629-99-2	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
 Data File : BF076828.D
 Acq On : 13 Jan 2015 4:10
 Operator : IZ / TP
 Sample : G1030-17
 Misc : S
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1(STROMPIPE)

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	66.8	ng	760078	1	8.08	227718	20.0
Decane	7.86	52.5	ng	598356	1	8.08	227718	20.0
Benzene, 2-ethyl-...	8.89	38.2	ng	435044	1	8.08	227718	20.0
Decane, 2,9-dimet...	9.04	28.5	ng	324455	1	8.08	227718	20.0
Tetradecane	9.66	46.7	ng	1251860	2	11.00	536540	20.0
Dodecane	11.25	52.9	ng	1418120	2	11.00	536540	20.0
1-Iodo-2-methylun...	13.58	28.9	ng	504267	3	15.13	349138	20.0
Dodecane, 2,7,10-...	13.74	42.4	ng	739950	3	15.13	349138	20.0
Hexadecane	14.07	117.8	ng	2055680	3	15.13	349138	20.0
Naphthalene, 2,3-...	14.38	24.5	ng	428059	3	15.13	349138	20.0
Naphthalene, 2,7-...	14.44	24.8	ng	432424	3	15.13	349138	20.0
Decane, 3,8-dimet...	14.84	45.5	ng	795225	3	15.13	349138	20.0
Tridecane	15.35	110.2	ng	1924340	3	15.13	349138	20.0
Naphthalene, 1,6,...	15.98	27.9	ng	487782	3	15.13	349138	20.0
Nonadecane	16.40	93.0	ng	1623270	3	15.13	349138	20.0
Eicosane	17.23	125.9	ng	2242970	4	17.85	356320	20.0
Heneicosane	18.51	52.8	ng	940734	4	17.85	356320	20.0
Tetracosane	19.05	43.7	ng	777889	4	17.85	356320	20.0