

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081730.D
 Acq On : 22 Sep 2015 2:38
 Operator : UM/IZ
 Sample : G3747-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

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-BF090115.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	1.213	8	11	13	rBV	941383	1007750	21.36%	2.007%
2	1.441	29	31	37	rBV	200405	554852	11.76%	1.105%
3	1.521	37	38	80	rVB	1303444	4717612	100.00%	9.393%
4	4.436	289	293	314	rVB	208914	579340	12.28%	1.154%
5	5.316	368	370	392	rBV	459111	1023301	21.69%	2.038%
6	7.590	566	569	574	rBV	490691	1040820	22.06%	2.072%
7	7.682	574	577	584	rVV	655075	1186882	25.16%	2.363%
8	8.162	615	619	625	rBV	131433	236373	5.01%	0.471%
9	8.482	644	647	653	rBV	463113	809190	17.15%	1.611%
10	8.950	685	688	692	rBV2	59737	150117	3.18%	0.299%
11	9.099	697	701	706	rVB	93369	182741	3.87%	0.364%
12	9.202	706	710	715	rBV	82847	161284	3.42%	0.321%
13	9.465	728	733	738	rBV	439847	843168	17.87%	1.679%
14	9.968	773	777	781	rVB2	123312	330787	7.01%	0.659%
15	10.128	789	791	794	rBV	89875	175323	3.72%	0.349%
16	10.208	795	798	801	rVV	73863	156285	3.31%	0.311%
17	10.299	801	806	808	rVV3	88454	207256	4.39%	0.413%
18	10.493	819	823	825	rBV4	55980	153250	3.25%	0.305%
19	10.573	826	830	834	rVV3	145883	424898	9.01%	0.846%
20	10.665	834	838	841	rVV4	173298	351841	7.46%	0.701%
21	10.745	841	845	848	rVV3	141363	281313	5.96%	0.560%
22	10.836	850	853	856	rBV	181011	357066	7.57%	0.711%
23	11.065	870	873	875	rBV	152403	230840	4.89%	0.460%
24	11.111	875	877	880	rVB3	96623	191886	4.07%	0.382%
25	11.248	886	889	893	rVB3	83265	208640	4.42%	0.415%
26	11.488	906	910	913	rVB	467617	831360	17.62%	1.655%
27	11.545	913	915	918	rBV2	63067	142810	3.03%	0.284%
28	11.625	918	922	925	rVB4	58145	178058	3.77%	0.355%
29	11.716	925	930	933	rVB2	76993	193036	4.09%	0.384%
30	11.796	933	937	939	rBV2	84907	208284	4.42%	0.415%
31	11.911	943	947	951	rVB3	142753	348966	7.40%	0.695%
32	12.059	957	960	961	rBV2	189613	341002	7.23%	0.679%
33	12.162	966	969	974	rBV3	192864	450736	9.55%	0.897%
34	12.242	974	976	980	rVV4	122321	321182	6.81%	0.640%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.357	980	986	989	rVV	563934	1343377	28.48%	2.675%
36	12.437	991	993	998	rVB4	147668	324716	6.88%	0.647%
37	12.597	1003	1007	1009	rBV3	96251	241531	5.12%	0.481%
38	12.642	1009	1011	1013	rVV2	88751	189996	4.03%	0.378%
39	12.779	1021	1023	1027	rVB3	102142	181033	3.84%	0.360%
40	12.871	1027	1031	1032	rBV4	54253	148888	3.16%	0.296%
41	12.985	1038	1041	1044	rVV	278203	447076	9.48%	0.890%
42	13.088	1044	1050	1052	rVB4	140896	309978	6.57%	0.617%
43	13.134	1052	1054	1059	rVB3	67095	154096	3.27%	0.307%
44	13.225	1059	1062	1064	rBV2	105406	217737	4.62%	0.434%
45	13.397	1071	1077	1080	rBV2	280676	739570	15.68%	1.473%
46	13.442	1080	1081	1083	rVV	109786	125467	2.66%	0.250%
47	13.488	1083	1085	1088	rVV	100342	190009	4.03%	0.378%
48	13.557	1089	1091	1093	rVV	105102	157851	3.35%	0.314%
49	13.637	1093	1098	1101	rVB5	99178	361444	7.66%	0.720%
50	13.717	1101	1105	1108	rBV	645914	1197202	25.38%	2.384%
51	13.797	1108	1112	1120	rVB	674137	1601143	33.94%	3.188%
52	13.934	1120	1124	1126	rBV3	99066	229705	4.87%	0.457%
53	14.048	1129	1134	1139	rBV6	112328	564939	11.98%	1.125%
54	14.140	1140	1142	1145	rVB3	152924	270934	5.74%	0.539%
55	14.300	1151	1156	1160	rVB2	314638	967809	20.51%	1.927%
56	14.460	1166	1170	1172	rVV	351857	835283	17.71%	1.663%
57	14.517	1172	1175	1179	rVB2	376488	831340	17.62%	1.655%
58	14.722	1190	1193	1194	rVV2	145168	346544	7.35%	0.690%
59	14.780	1196	1198	1202	rVB	326519	586887	12.44%	1.169%
60	14.894	1202	1208	1211	rBV	789589	1698157	36.00%	3.381%
61	15.008	1215	1218	1222	rBV3	219092	412229	8.74%	0.821%
62	15.203	1232	1235	1237	rBV2	155828	231580	4.91%	0.461%
63	15.283	1237	1242	1244	rVV4	105449	254827	5.40%	0.507%
64	15.340	1244	1247	1249	rVV2	154911	331244	7.02%	0.660%
65	15.397	1250	1252	1257	rVV5	110776	340468	7.22%	0.678%
66	15.534	1261	1264	1269	rVV2	223497	722826	15.32%	1.439%
67	15.637	1271	1273	1276	rVB2	89080	163531	3.47%	0.326%
68	15.740	1277	1282	1283	rBV3	100004	274836	5.83%	0.547%
69	15.774	1283	1285	1288	rVV	217808	428294	9.08%	0.853%
70	15.865	1290	1293	1296	rVB	274649	454112	9.63%	0.904%
71	16.025	1304	1307	1310	rBV2	272341	540943	11.47%	1.077%

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72	16.105	1311	1314	1317	rVB2	198184	375287	7.96%	0.747%
73	16.163	1317	1319	1322	rVB2	153294	286860	6.08%	0.571%
74	16.243	1322	1326	1327	rBV2	94104	226892	4.81%	0.452%
75	16.277	1327	1329	1335	rVB3	158232	349339	7.40%	0.696%
76	16.448	1341	1344	1349	rBV4	94061	414782	8.79%	0.826%
77	16.677	1359	1364	1370	rBV6	178448	689676	14.62%	1.373%
78	17.134	1399	1404	1408	rVB2	621450	1974474	41.85%	3.931%
79	17.294	1416	1418	1424	rVB3	113351	285203	6.05%	0.568%
80	17.648	1447	1449	1451	rBV	72204	145324	3.08%	0.289%
81	17.694	1451	1453	1455	rVB2	85034	137948	2.92%	0.275%
82	17.786	1455	1461	1466	rBV	942036	2500512	53.00%	4.979%
83	17.911	1469	1472	1474	rVB2	84586	169993	3.60%	0.338%
84	18.106	1485	1489	1492	rBV4	67314	180064	3.82%	0.359%
85	18.197	1492	1497	1501	rVB3	94252	327830	6.95%	0.653%
86	18.289	1501	1505	1507	rBV	74445	179133	3.80%	0.357%
87	18.449	1516	1519	1522	rBV3	119530	244241	5.18%	0.486%
88	18.711	1539	1542	1544	rBV	170006	276716	5.87%	0.551%
89	18.769	1544	1547	1553	rVB	114163	257586	5.46%	0.513%
90	18.894	1553	1558	1567	rBV	500292	1277478	27.08%	2.544%
91	19.237	1585	1588	1591	rBV3	52272	127728	2.71%	0.254%
92	19.740	1628	1632	1636	rVB3	143845	346619	7.35%	0.690%
93	19.946	1645	1650	1653	rBV5	112055	264747	5.61%	0.527%
94	20.003	1653	1655	1659	rVB	82721	149560	3.17%	0.298%
95	21.157	1754	1756	1759	rBV	84133	160946	3.41%	0.320%
96	21.329	1767	1771	1773	rBV2	62918	138480	2.94%	0.276%
97	21.546	1787	1790	1792	rBV2	126232	173407	3.68%	0.345%
98	22.072	1833	1836	1839	rBV	891875	1034685	21.93%	2.060%
99	23.352	1946	1948	1955	rVB	259593	299845	6.36%	0.597%
100	24.792	2071	2074	2079	rVB	162719	231524	4.91%	0.461%

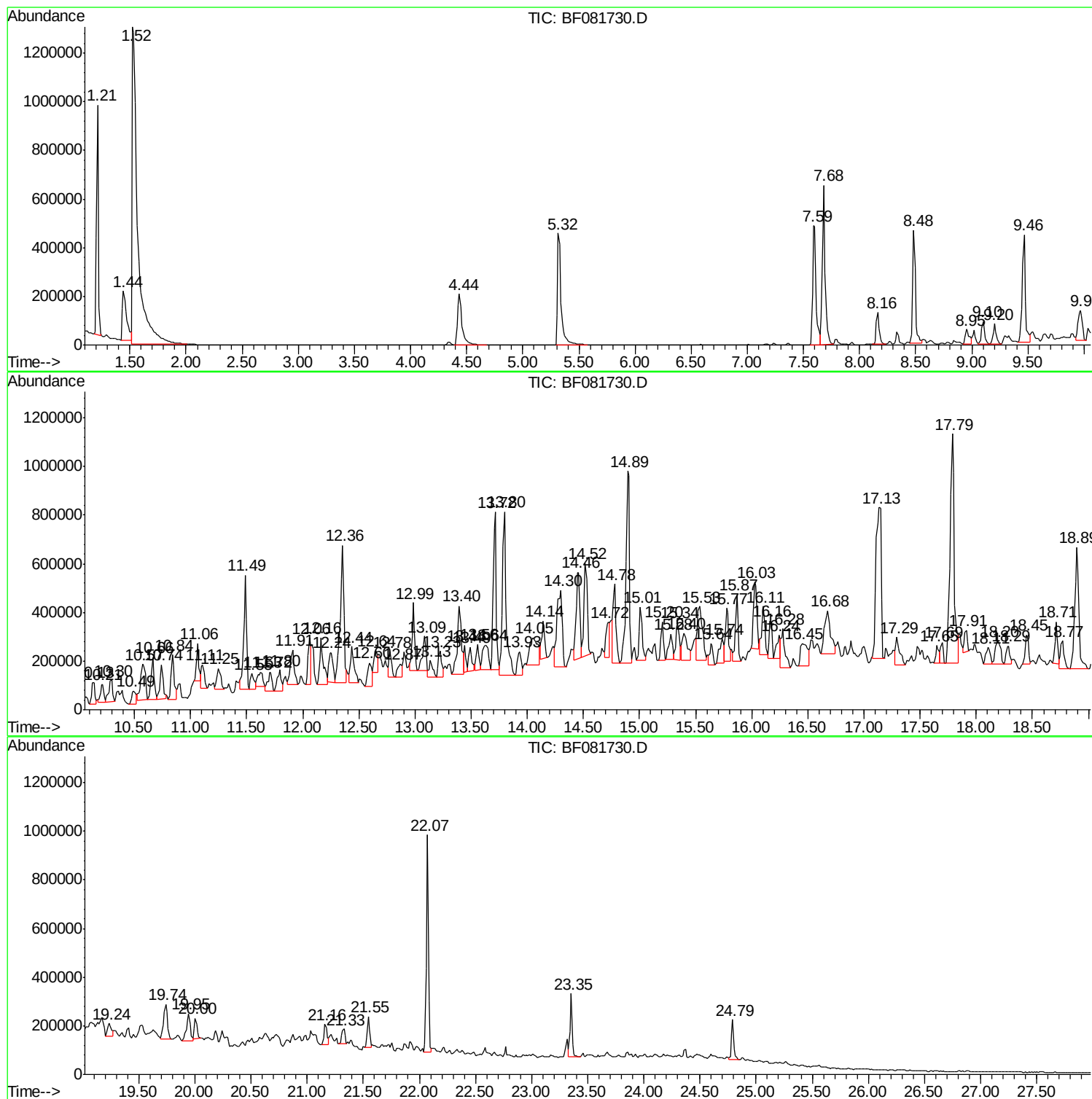
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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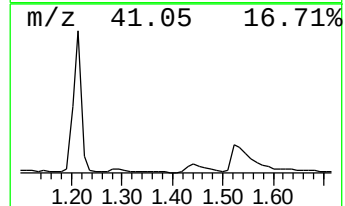
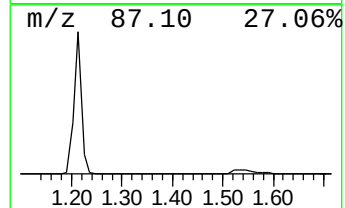
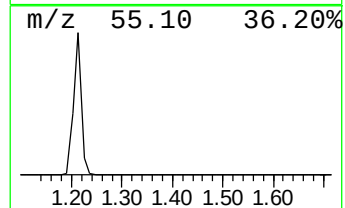
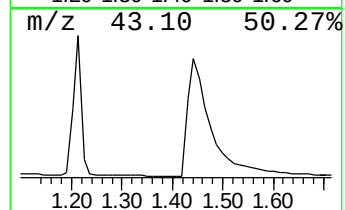
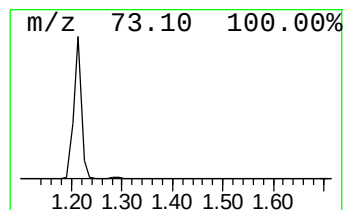
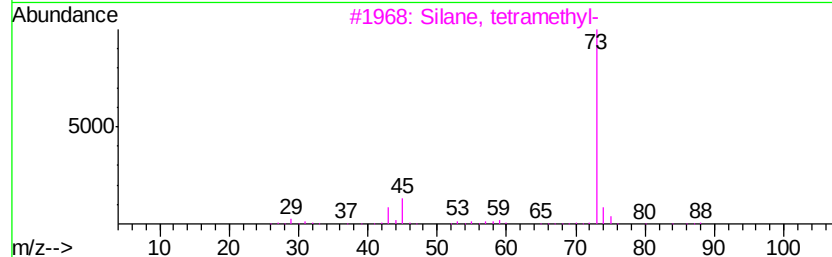
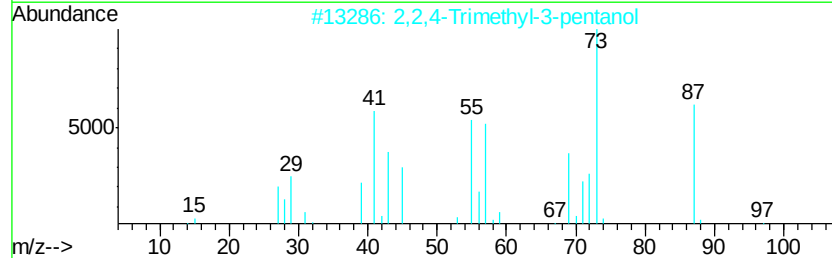
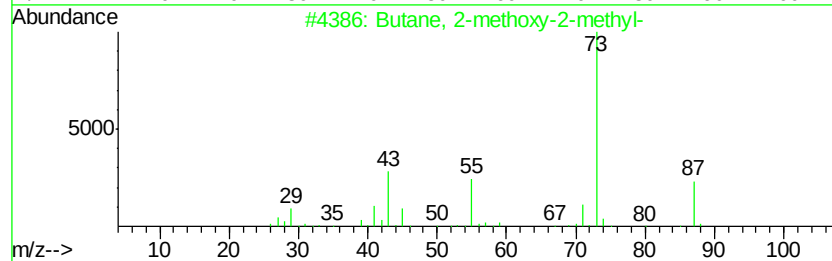
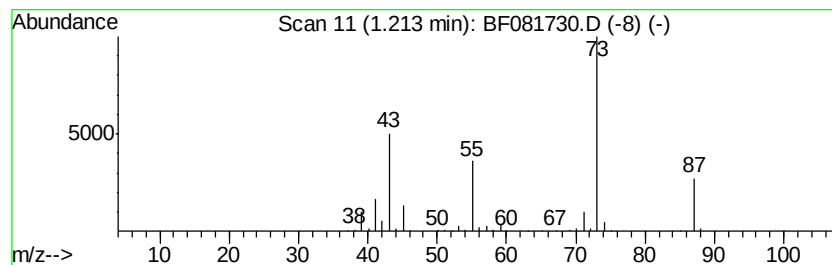
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	85.27 ng	1007750	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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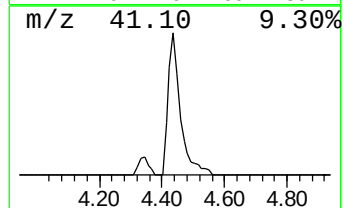
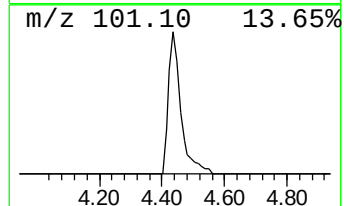
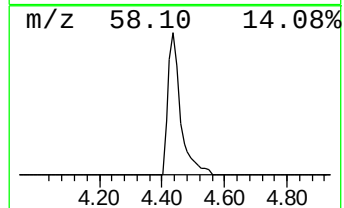
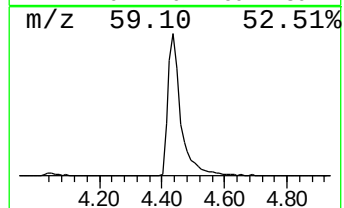
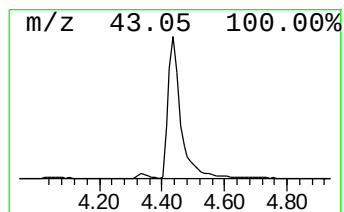
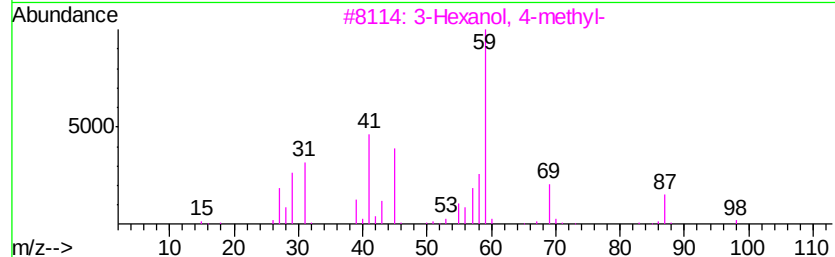
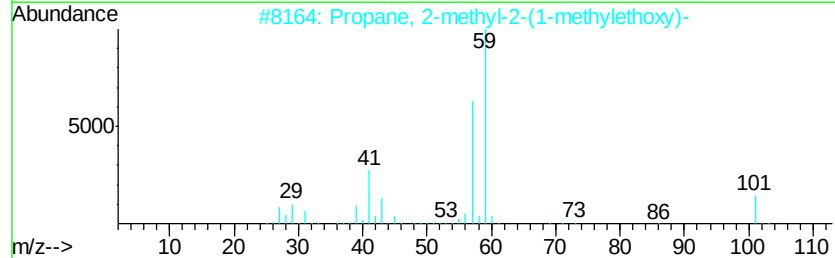
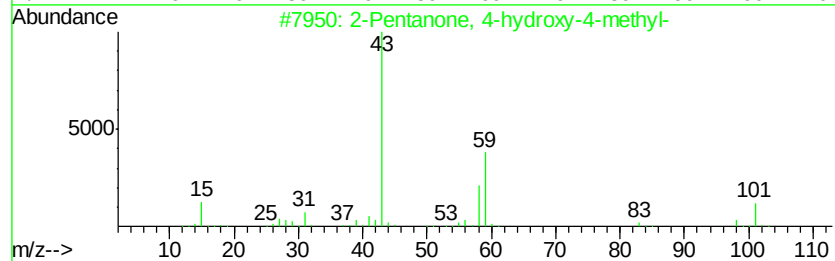
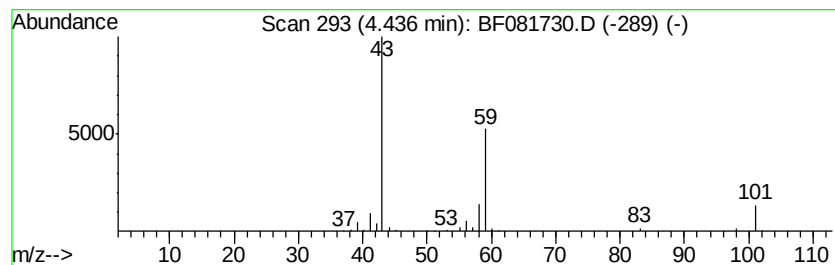
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	49.02 ng	579340	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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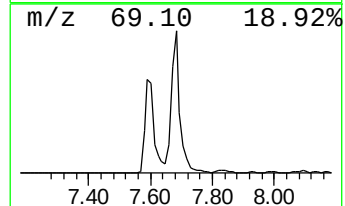
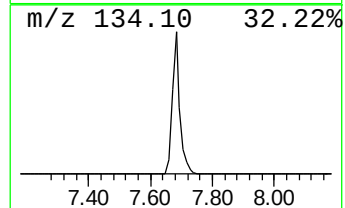
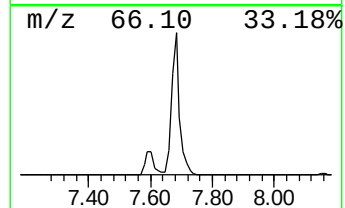
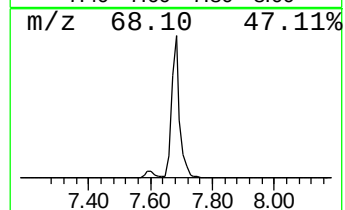
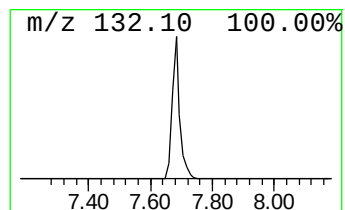
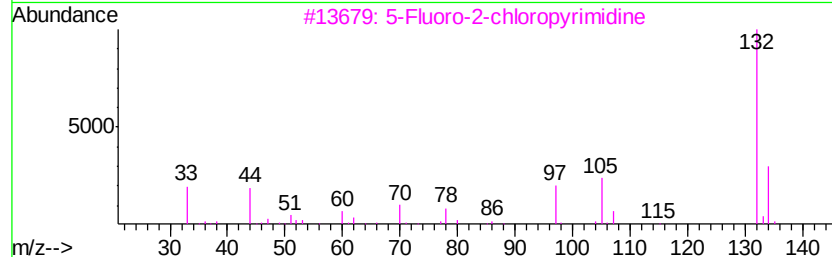
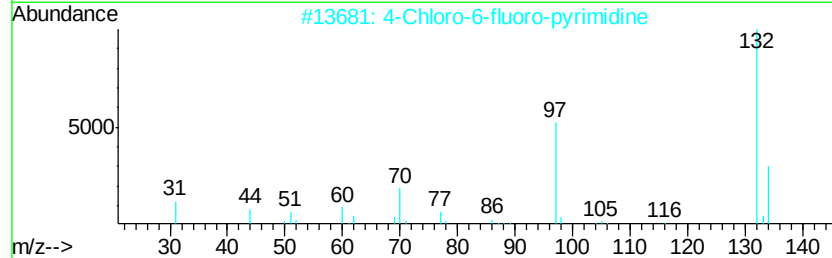
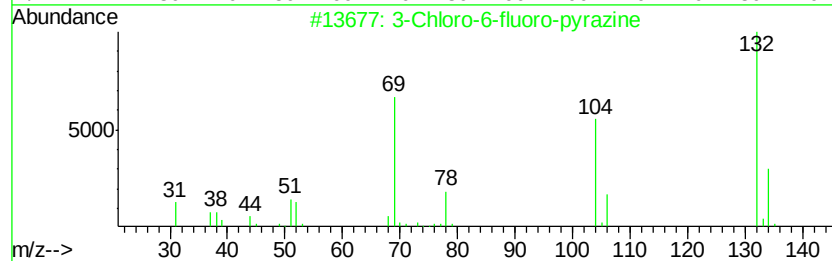
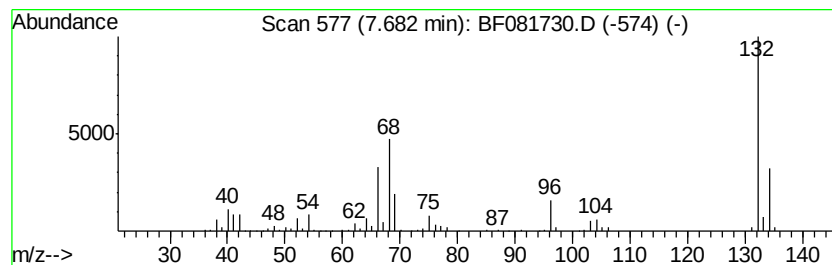
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Peak Number 5 unknown7.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	100.42 ng	1186880	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27		
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27		
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12		
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10		
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
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Operator : UM/IZ
Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

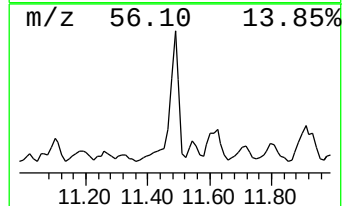
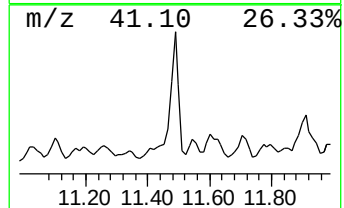
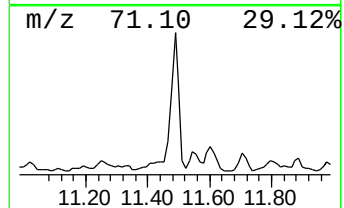
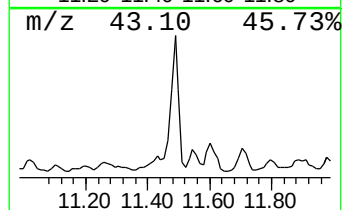
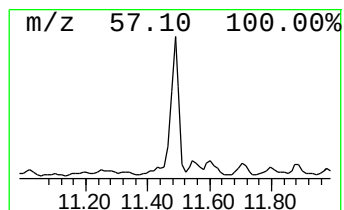
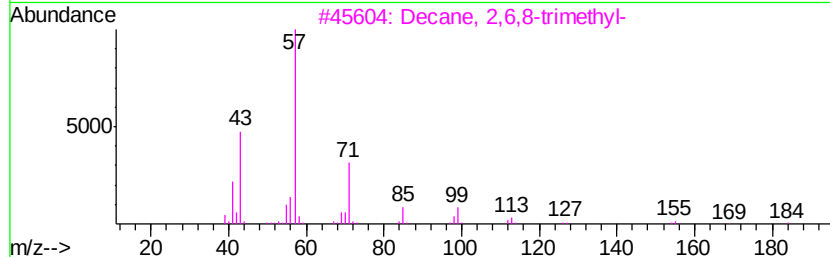
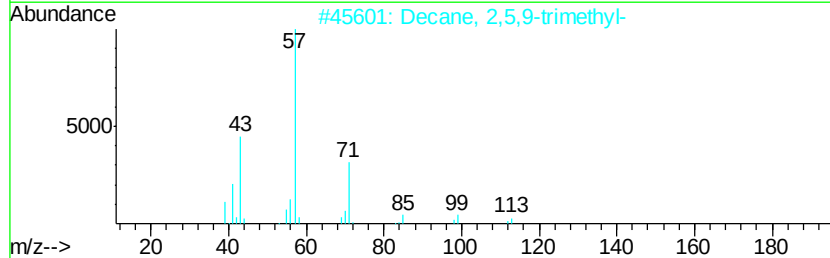
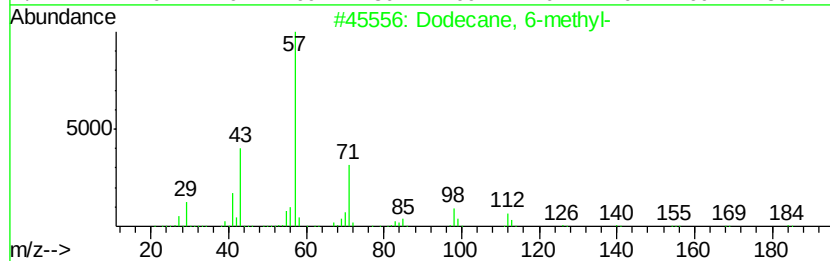
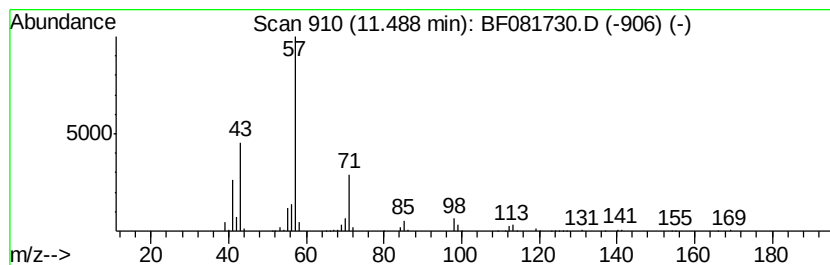
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.49	72.03 ng	831360	Napthalene-d8	11.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

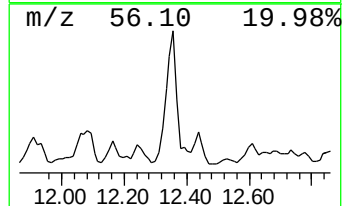
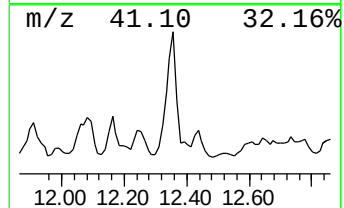
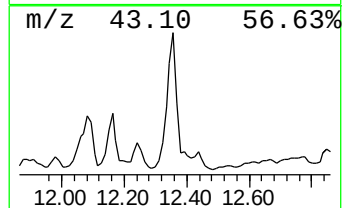
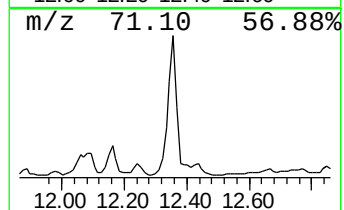
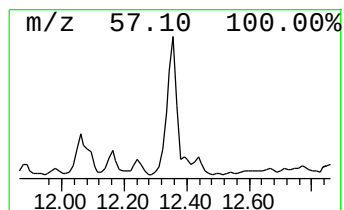
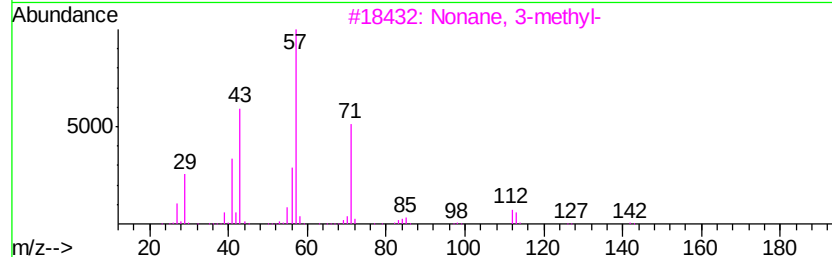
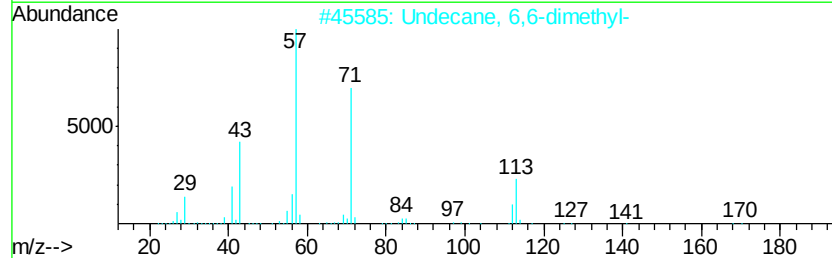
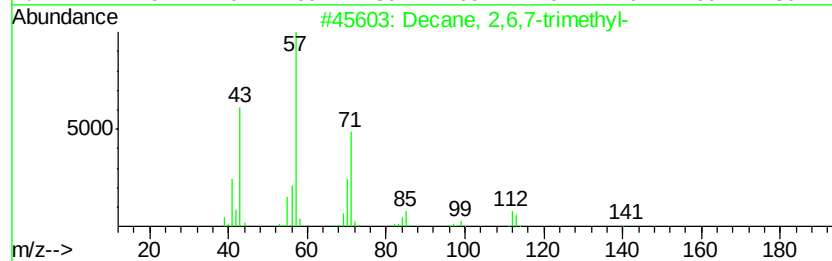
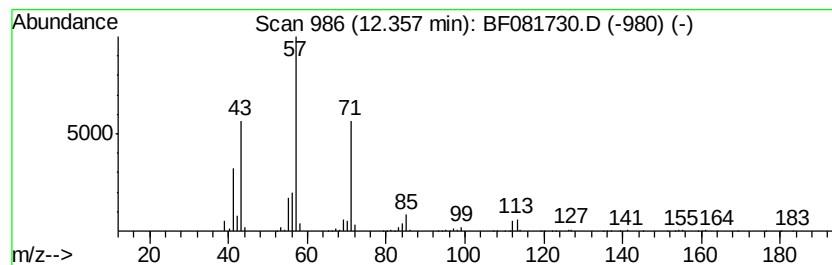
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	116.39 ng	1343380	Naphthalene-d8	11.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83	
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78	
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	78	
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78	
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
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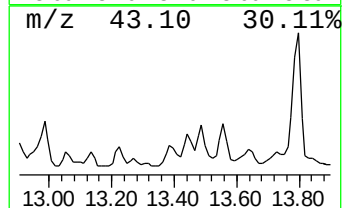
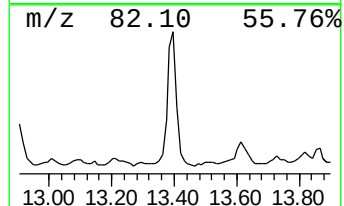
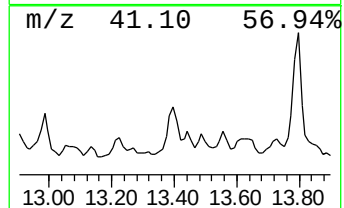
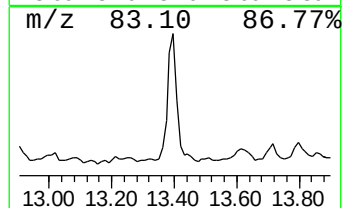
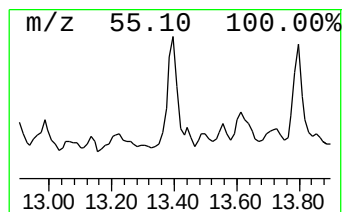
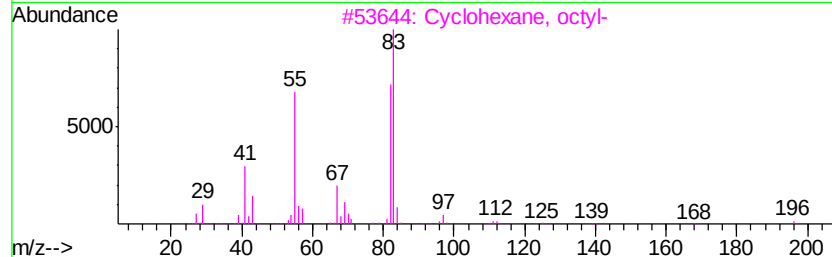
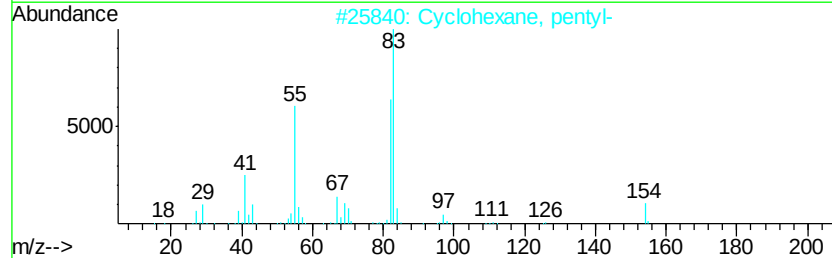
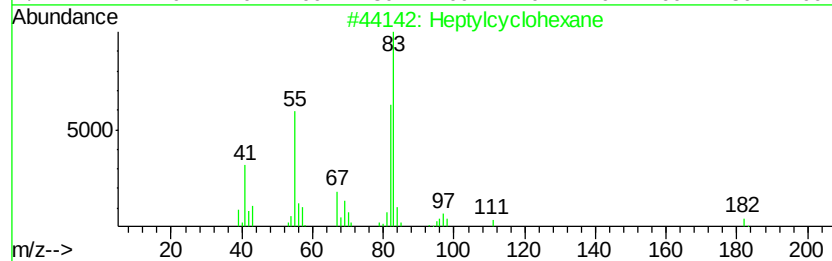
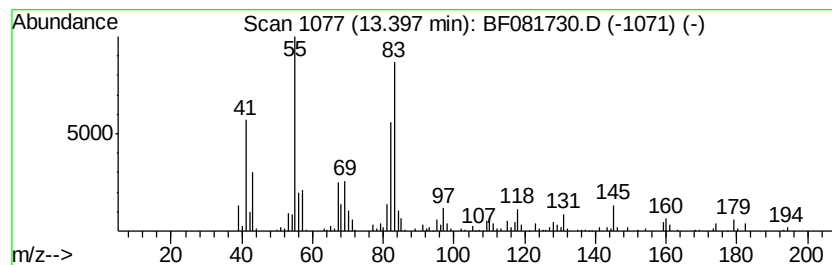
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptylcyclohexane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.40	63.87 ng	739570	Acenaphthene-d10		15.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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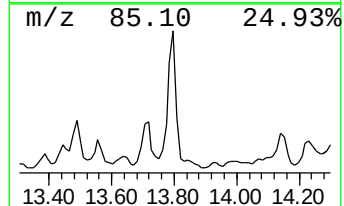
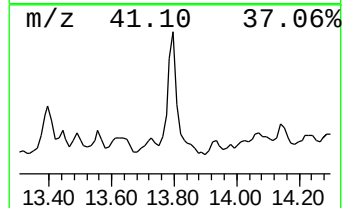
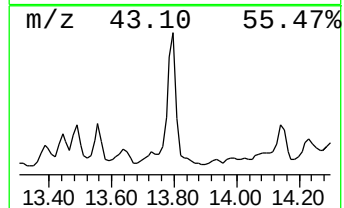
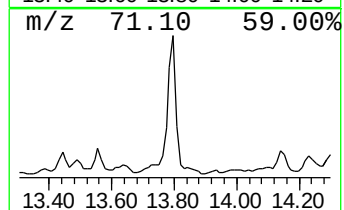
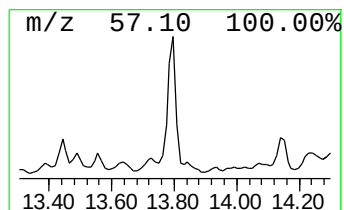
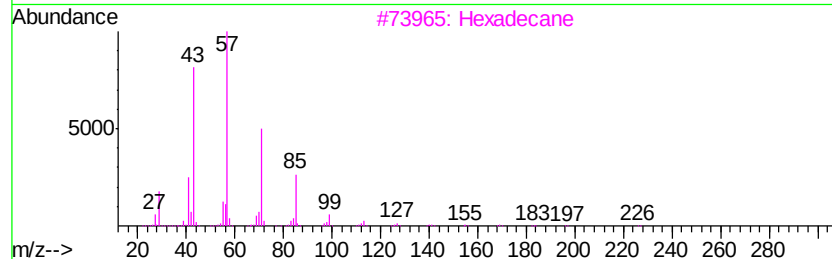
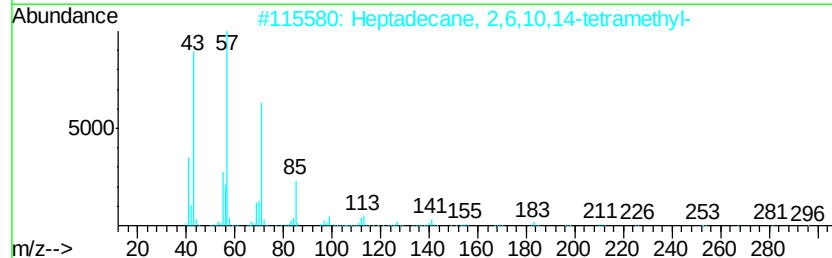
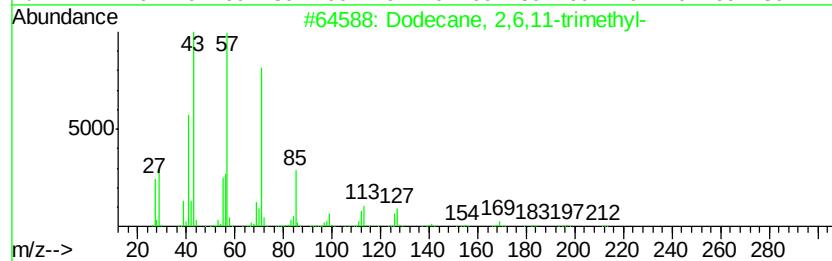
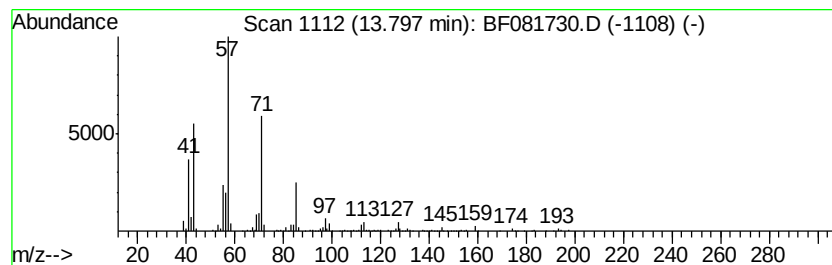
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	138.28 ng	1601140	Acenaphthene-d10	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Decane, 2-methyl-	156	C11H24	006975-98-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
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Instrument :
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ClientSampleId :
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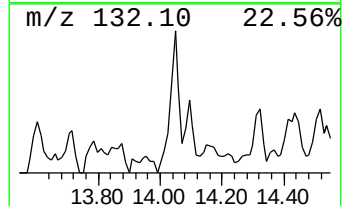
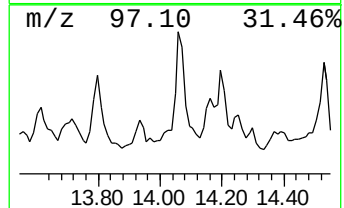
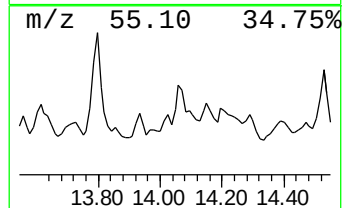
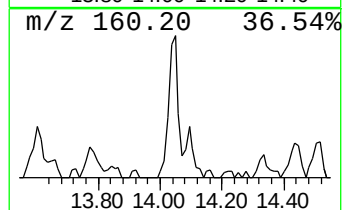
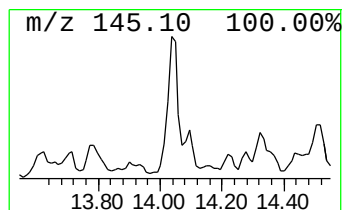
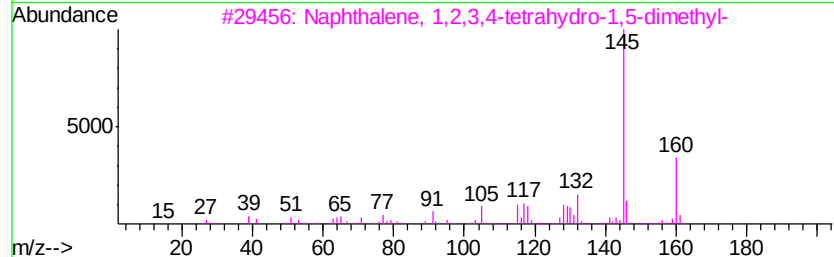
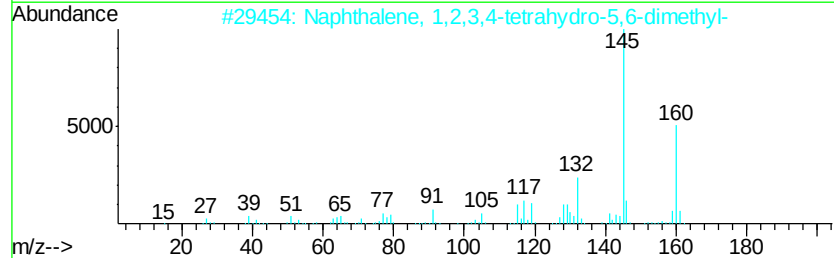
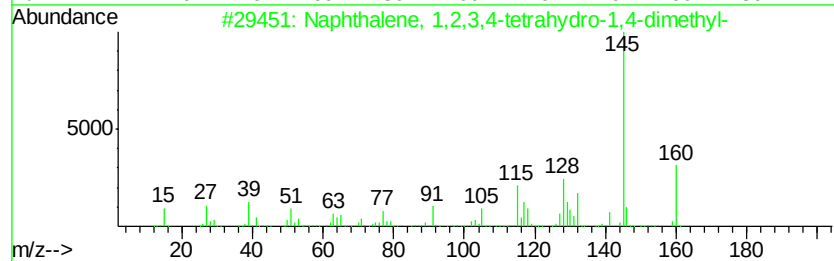
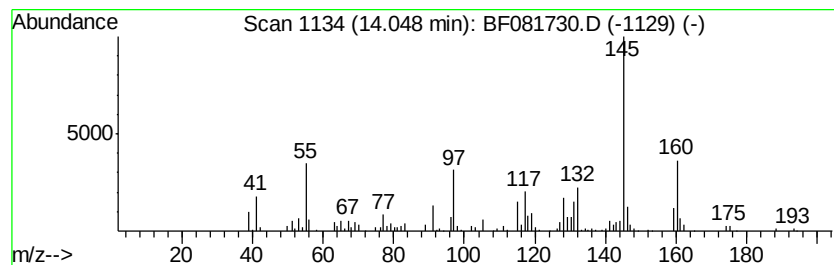
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	48.79 ng	564939	Acenaphthene-d10	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	76
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
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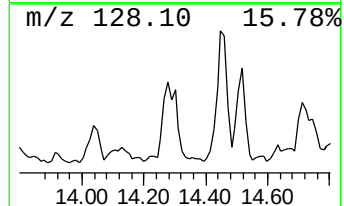
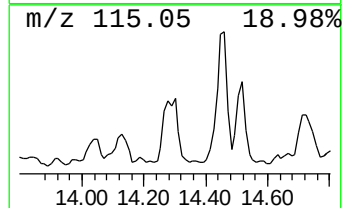
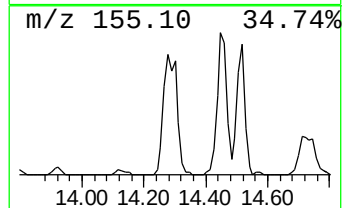
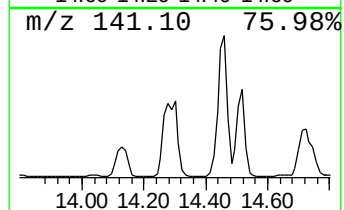
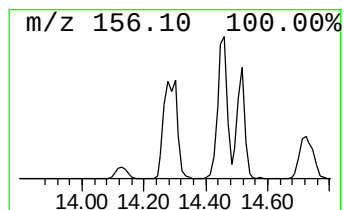
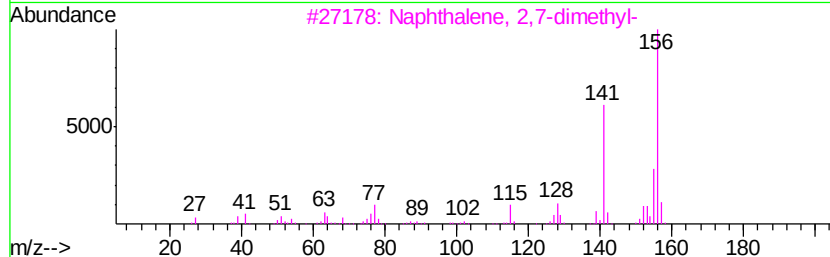
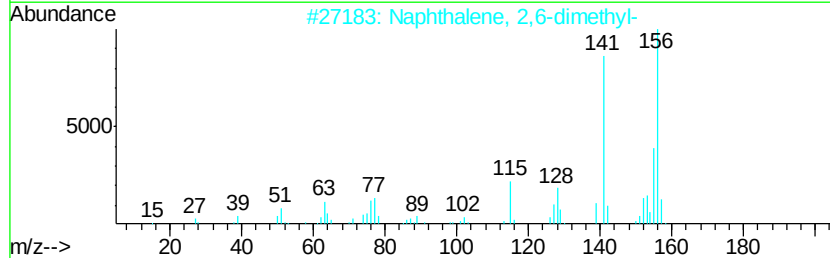
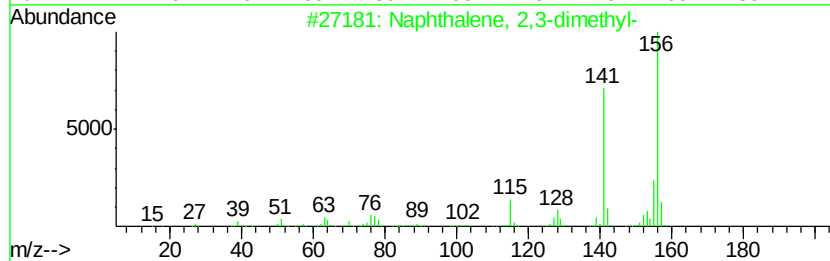
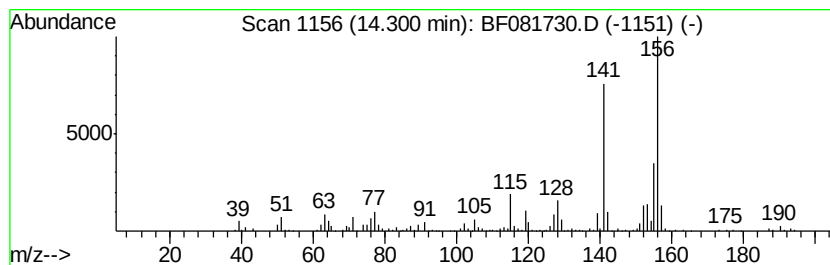
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.30	83.58 ng	967809	Acenaphthene-d10		15.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
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ALS Vial : 18 Sample Multiplier: 1

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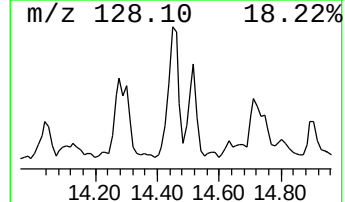
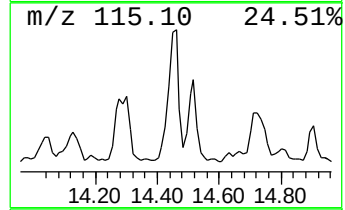
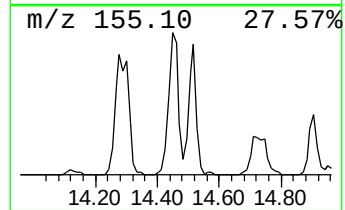
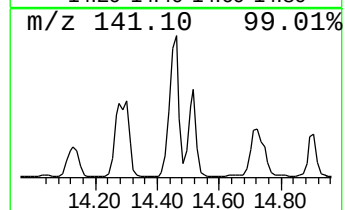
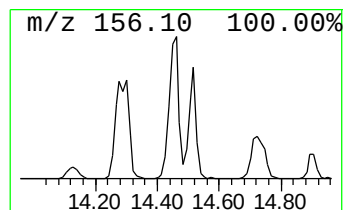
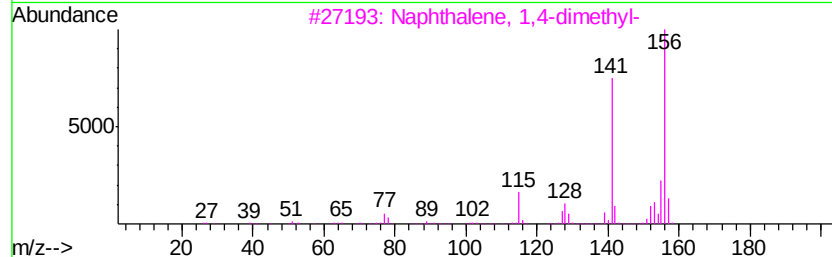
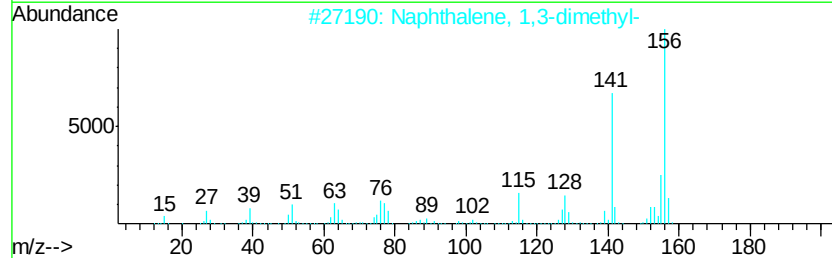
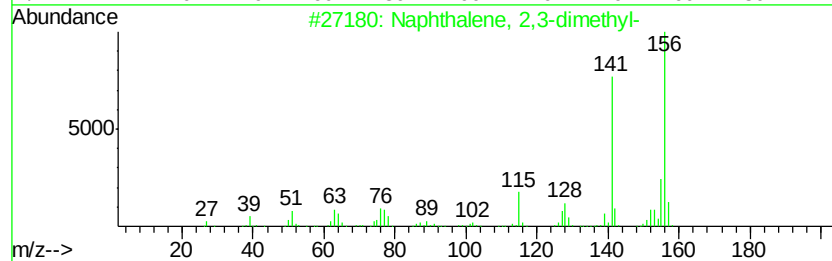
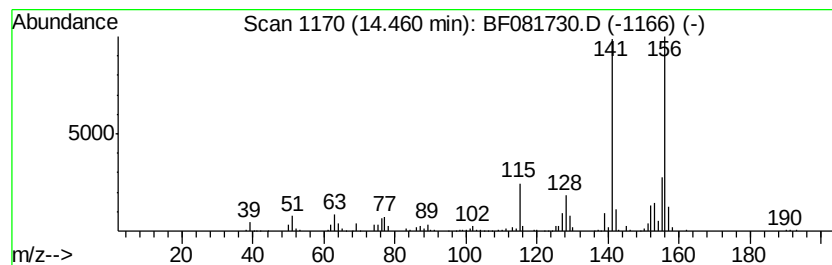
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	72.14 ng	835283	Acenaphthene-d10	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

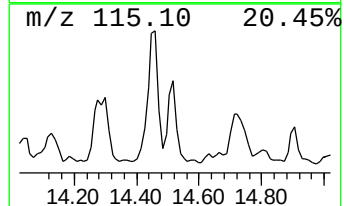
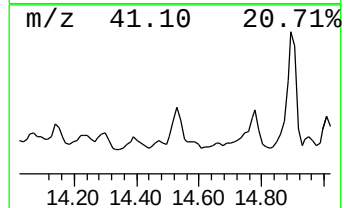
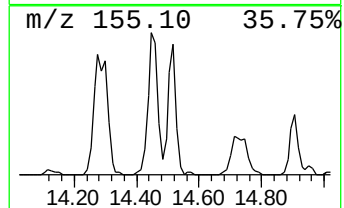
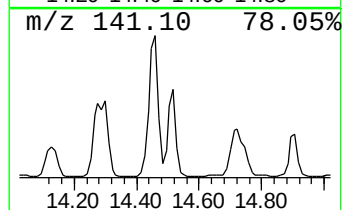
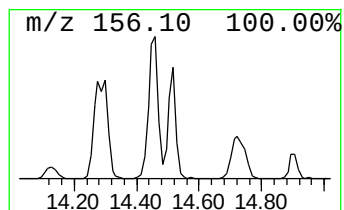
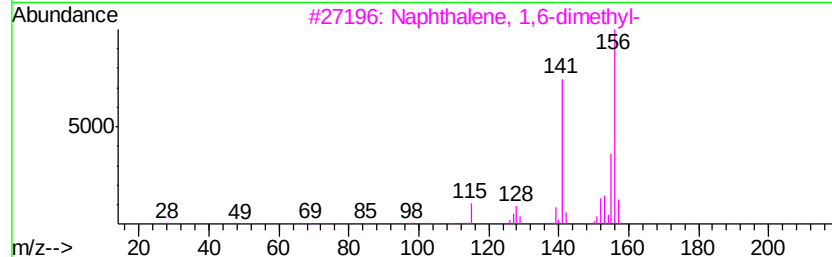
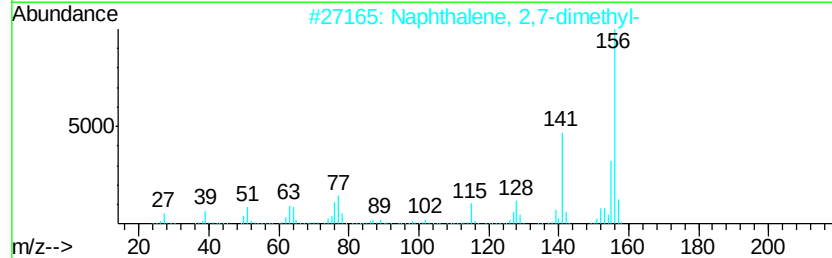
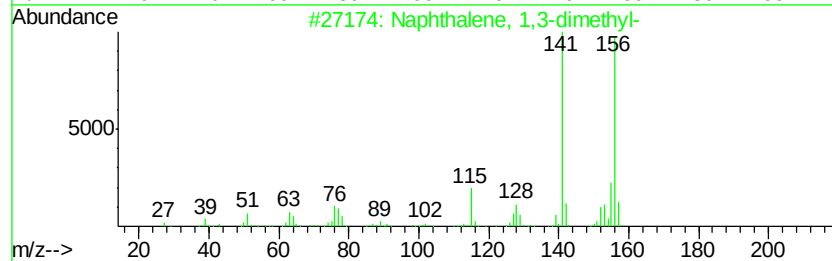
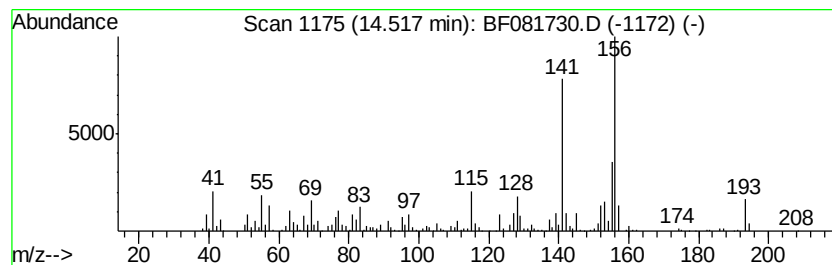
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	71.80 ng	831340	Acenaphthene-d10	15.20

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
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Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

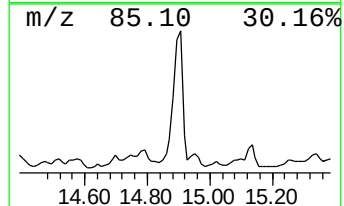
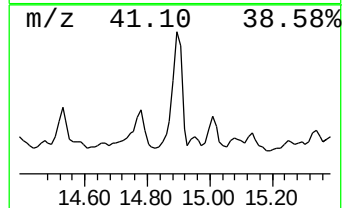
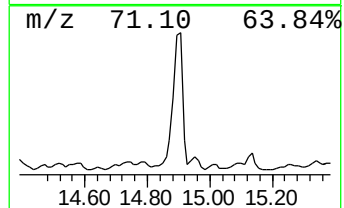
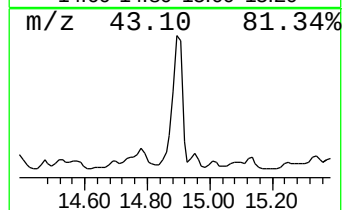
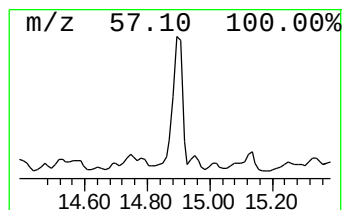
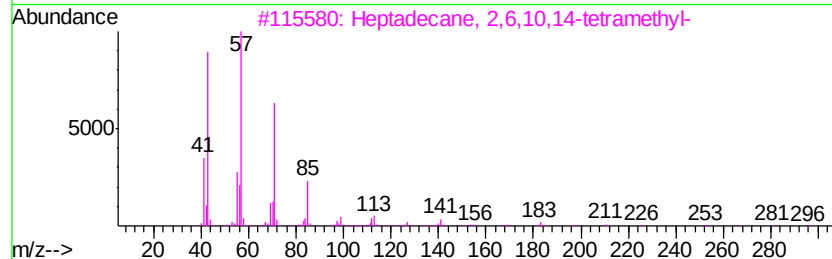
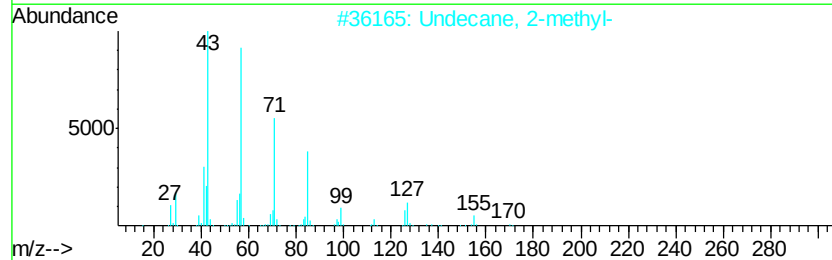
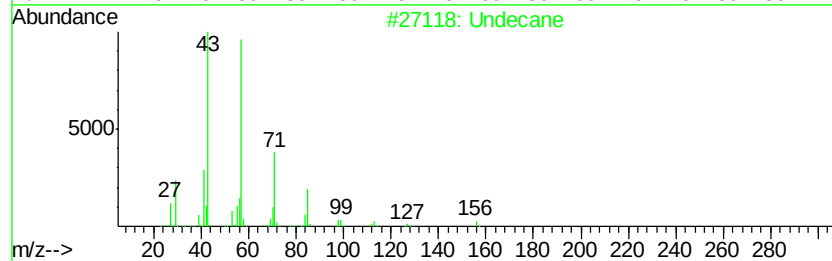
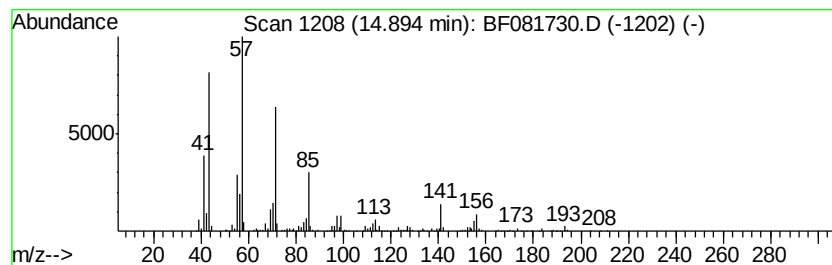
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.89	146.66 ng	1698160	Acenaphthene-d10		15.20
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
4	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TRENCH-1-1

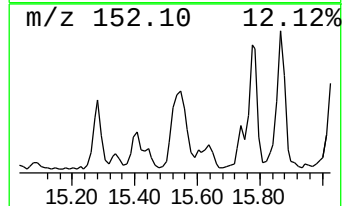
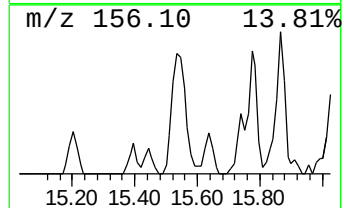
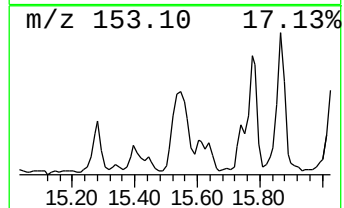
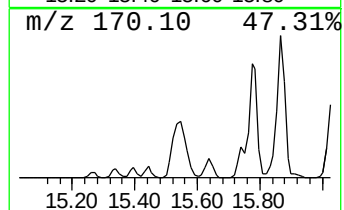
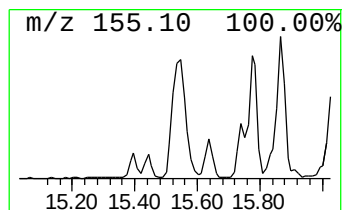
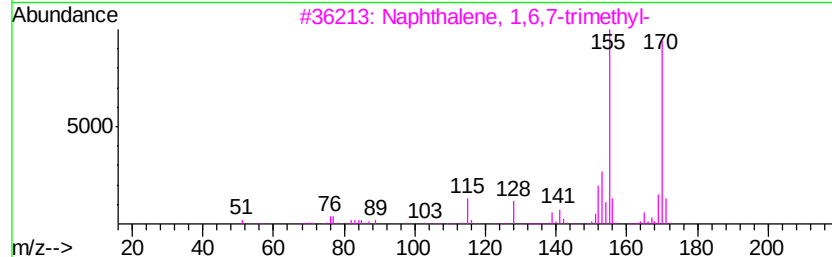
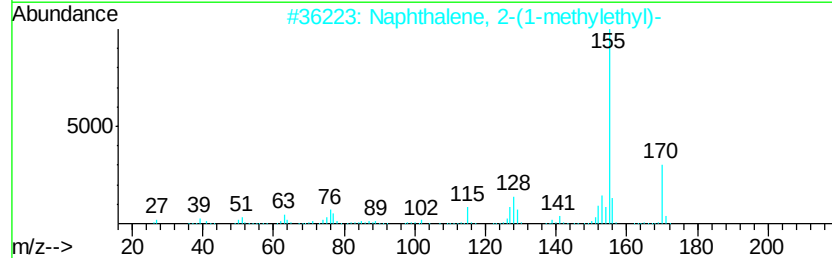
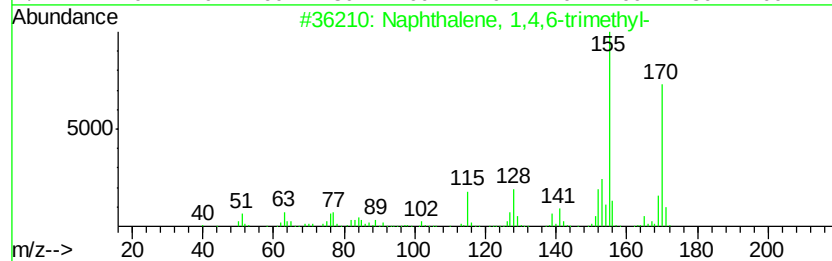
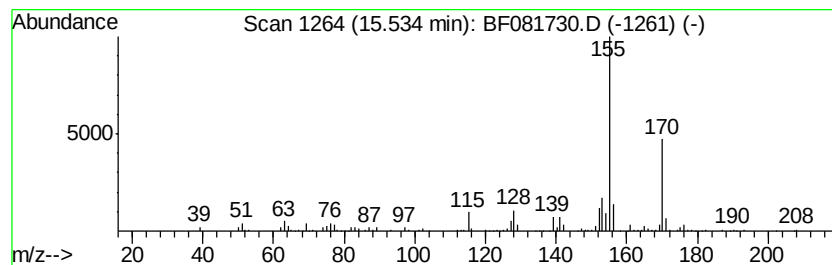
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	62.43 ng	722826	Acenaphthene-d10	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TRENCH-1-1

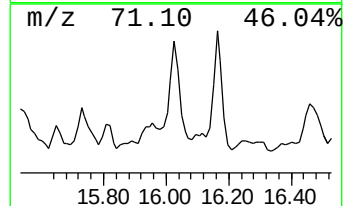
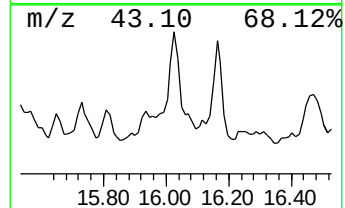
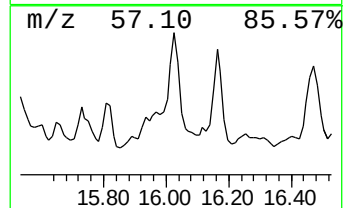
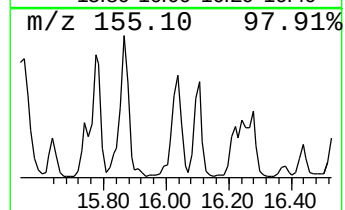
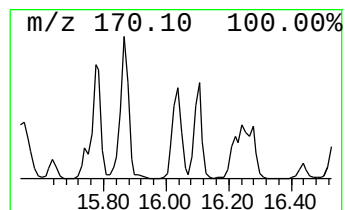
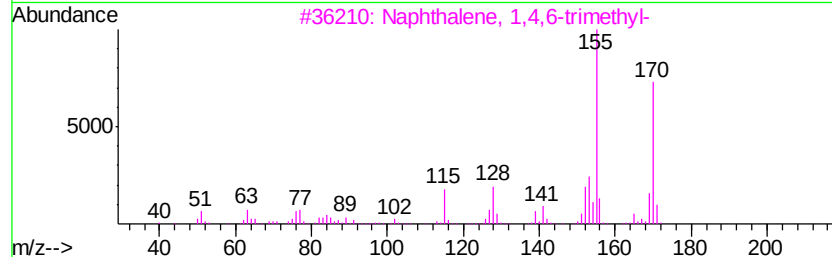
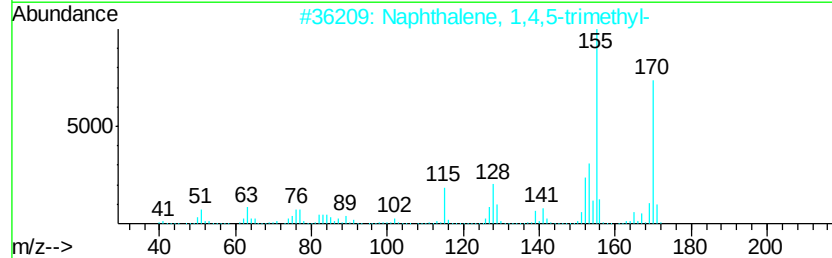
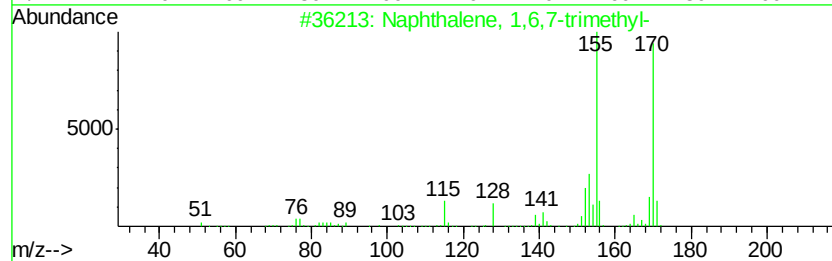
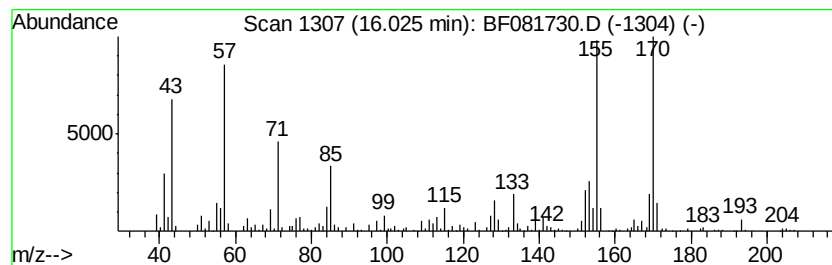
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	46.72 ng	540943	Acenaphthene-d10	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
Sample : G3747-01
Misc :
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Instrument :
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ClientSampleId :
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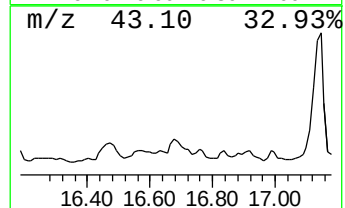
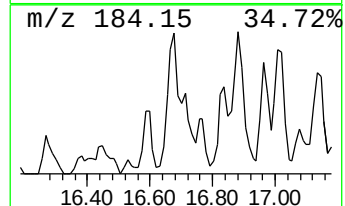
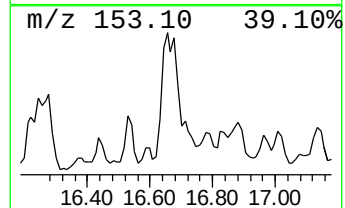
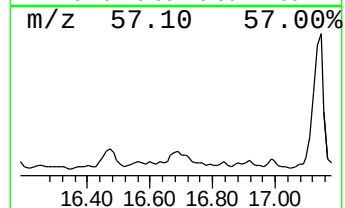
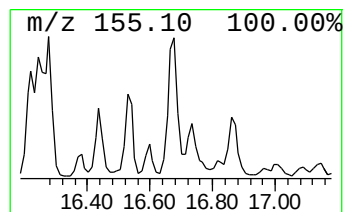
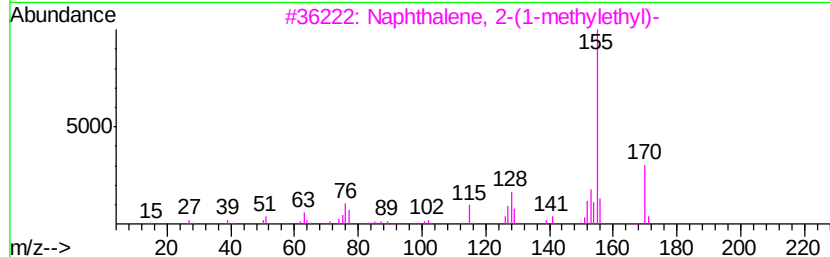
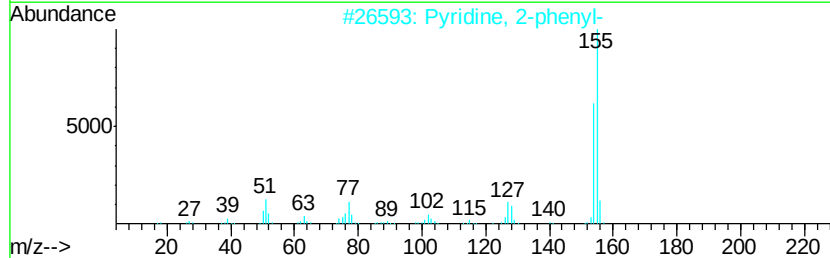
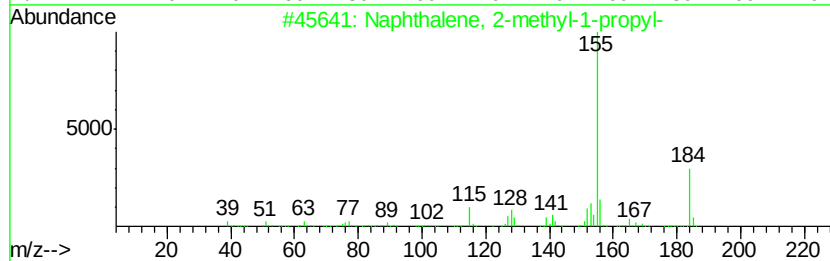
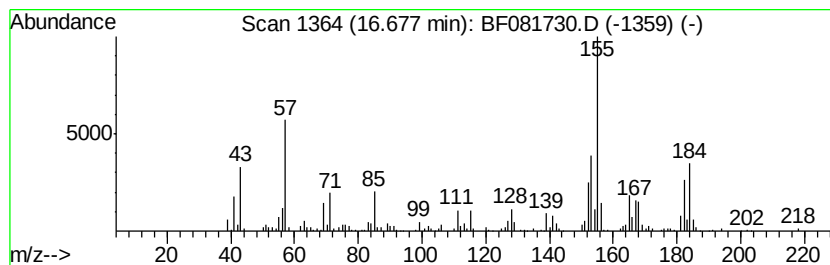
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2-methyl-1-pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	59.56 ng	689676	Acenaphthene-d10	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	55
2		Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	25
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	25
4		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	25
5		Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
Operator : UM/IZ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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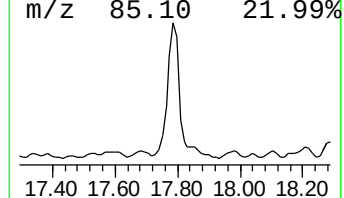
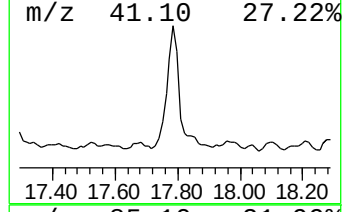
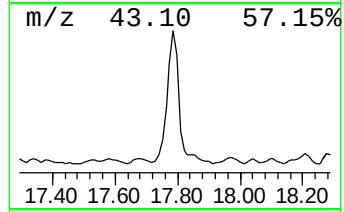
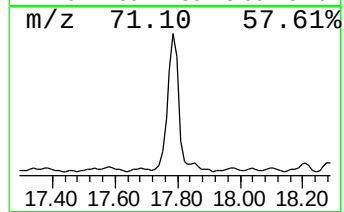
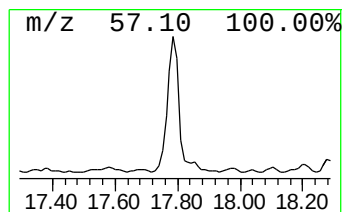
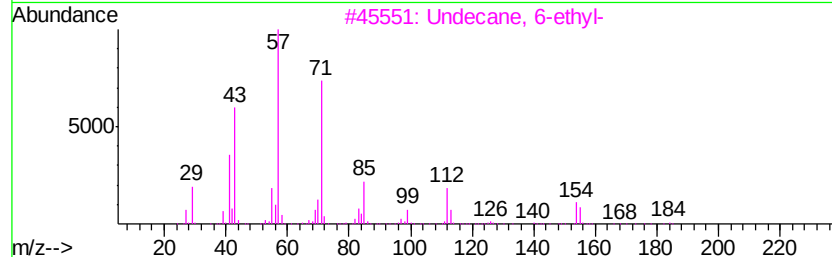
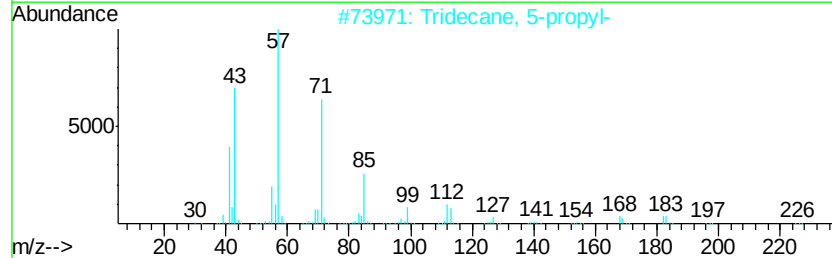
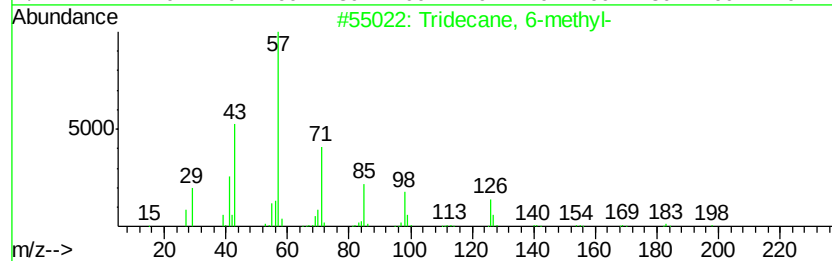
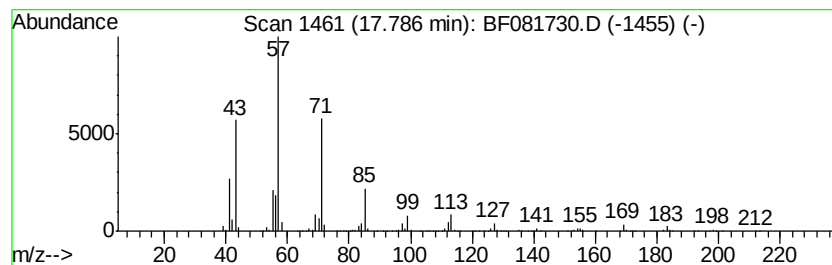
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	180.73 ng	2500510	Phenanthrene-d10	18.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081730.D
Acq On : 22 Sep 2015 2:38
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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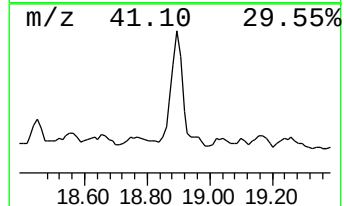
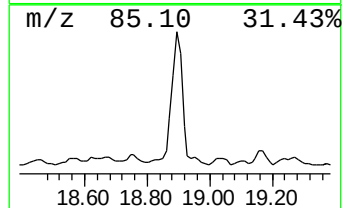
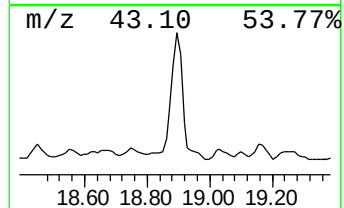
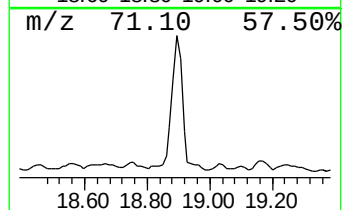
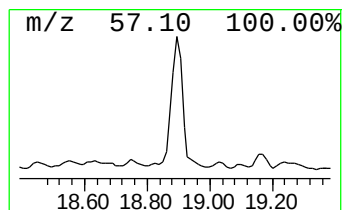
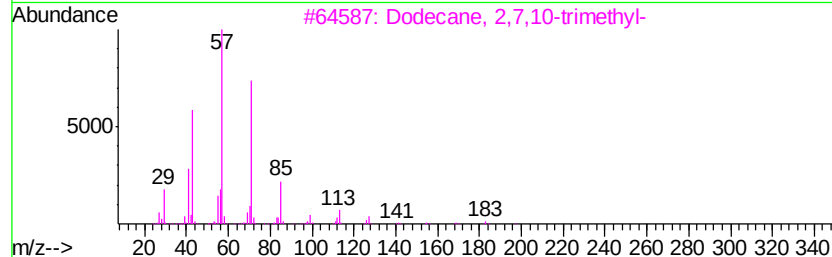
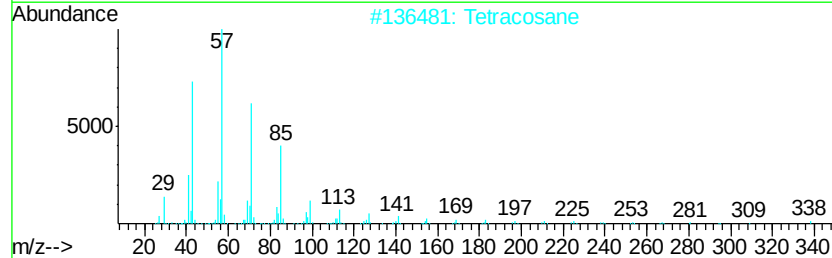
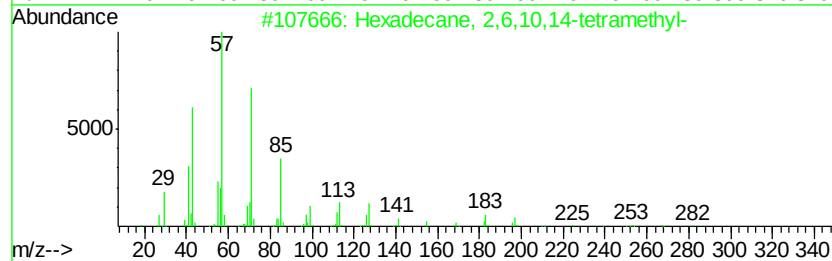
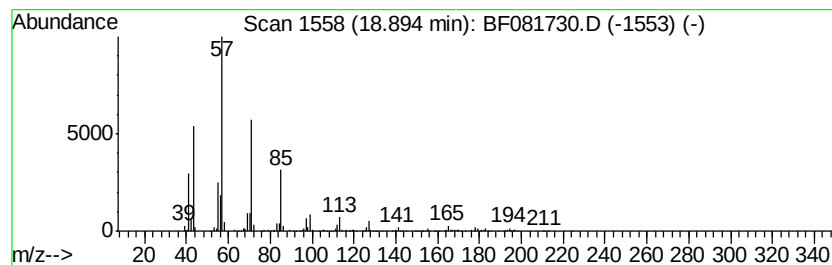
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	92.33 ng	1277480	Phenanthrene-d10	18.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Tetracosane	338	C24H50	000646-31-1	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5		Octacosane	394	C28H58	000630-02-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092115\
 Data File : BF081730.D
 Acq On : 22 Sep 2015 2:38
 Operator : UM/IZ
 Sample : G3747-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
Butane, 2-methoxy...	1.21	85.3	ng	1007750	1	8.16	236373	20.0
2-Pentanone, 4-hy...	4.44	49.0	ng	579340	1	8.16	236373	20.0
unknown7.68	7.68	100.4	ng	1186880	1	8.16	236373	20.0
Dodecane, 6-methyl-	11.49	72.0	ng	831360	2	11.07	230840	20.0
Decane, 2,6,7-tri...	12.36	116.4	ng	1343380	2	11.07	230840	20.0
Heptylcyclohexane	13.40	63.9	ng	739570	3	15.20	231580	20.0
Dodecane, 2,6,11-...	13.80	138.3	ng	1601140	3	15.20	231580	20.0
Naphthalene, 1,2,...	14.05	48.8	ng	564939	3	15.20	231580	20.0
Naphthalene, 2,3-...	14.30	83.6	ng	967809	3	15.20	231580	20.0
Naphthalene, 1,3-...	14.46	72.1	ng	835283	3	15.20	231580	20.0
Naphthalene, 2,7-...	14.52	71.8	ng	831340	3	15.20	231580	20.0
Undecane	14.89	146.7	ng	1698160	3	15.20	231580	20.0
Naphthalene, 1,4,...	15.53	62.4	ng	722826	3	15.20	231580	20.0
Naphthalene, 1,6,...	16.03	46.7	ng	540943	3	15.20	231580	20.0
Naphthalene, 2-me...	16.68	59.6	ng	689676	3	15.20	231580	20.0
Tridecane, 6-methyl-	17.79	180.7	ng	2500510	4	18.71	276716	20.0
Hexadecane, 2,6,1...	18.89	92.3	ng	1277480	4	18.71	276716	20.0