

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087468.D
 Acq On : 28 May 2016 5:29
 Operator : UM/SJ
 Sample : H3190-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHS-STA-1699(0-4)

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-BF052316.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	1.633	3	4	36	rVB	2632502	4982367	52.38%	3.575%
2	5.382	329	332	348	rBV	1451674	2875261	30.23%	2.063%
3	7.039	474	477	483	rBV	2117546	3020246	31.75%	2.167%
4	7.142	483	486	490	rVB	1972154	3035386	31.91%	2.178%
5	7.485	513	516	521	rBV	516381	738759	7.77%	0.530%
6	7.713	534	536	543	rBV	1543628	2302375	24.21%	1.652%
7	8.399	594	596	601	rBV	1469241	1884419	19.81%	1.352%
8	9.519	689	694	696	rBV	797719	1542366	16.22%	1.107%
9	9.599	699	701	705	rVB4	150779	393540	4.14%	0.282%
10	9.725	705	712	714	rBV	392219	902706	9.49%	0.648%
11	9.793	714	718	721	rVB2	179890	311866	3.28%	0.224%
12	9.873	721	725	727	rBV3	400077	719913	7.57%	0.517%
13	9.953	730	732	734	rBV3	175807	321943	3.38%	0.231%
14	10.045	738	740	742	rBV	200699	354737	3.73%	0.255%
15	10.136	745	748	750	rBV3	335341	607540	6.39%	0.436%
16	10.262	755	759	761	rBV2	309445	690157	7.26%	0.495%
17	10.319	761	764	767	rBV2	944038	1601189	16.83%	1.149%
18	10.422	771	773	775	rBV2	279892	323070	3.40%	0.232%
19	10.525	777	782	783	rBV2	290908	650399	6.84%	0.467%
20	10.605	786	789	791	rBV4	181038	382464	4.02%	0.274%
21	10.685	794	796	798	rBV2	199972	363250	3.82%	0.261%
22	10.845	805	810	812	rBV5	249371	742948	7.81%	0.533%
23	10.902	812	815	817	rBV2	239040	392627	4.13%	0.282%
24	11.108	827	833	835	rBV4	565573	1318361	13.86%	0.946%
25	11.245	842	845	847	rBV	553803	1140994	12.00%	0.819%
26	11.302	847	850	852	rVV2	3218388	5158495	54.23%	3.701%
27	11.382	855	857	859	rBV2	568784	840103	8.83%	0.603%
28	11.439	860	862	866	rVB2	384768	539035	5.67%	0.387%
29	11.531	866	870	873	rBV4	549909	1590344	16.72%	1.141%
30	11.588	873	875	878	rVB2	268370	514279	5.41%	0.369%
31	11.714	884	886	888	rBV2	231831	336680	3.54%	0.242%
32	11.828	894	896	897	rVB	414557	423879	4.46%	0.304%
33	11.885	897	901	903	rVB	1878848	2884783	30.33%	2.070%
34	11.988	903	910	912	rBV3	553492	1702598	17.90%	1.222%

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Integration Parameters: rteint.p
 Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.045	912	915	917	rVB	2759176	3518444	36.99%	2.525%
36	12.091	917	919	920	rVB2	256126	338742	3.56%	0.243%
37	12.125	920	922	924	rVB	948880	1124500	11.82%	0.807%
38	12.205	926	929	932	rVB	2199976	3727768	39.19%	2.675%
39	12.262	932	934	937	rBV3	279409	686482	7.22%	0.493%
40	12.308	937	938	940	rBV	528241	836661	8.80%	0.600%
41	12.354	940	942	945	rVB	484930	831958	8.75%	0.597%
42	12.811	979	982	984	rVB	742042	1099135	11.56%	0.789%
43	12.902	987	990	993	rVV2	1409861	2470659	25.97%	1.773%
44	12.959	993	995	997	rVV2	443334	695466	7.31%	0.499%
45	13.005	997	999	1001	rVB	631878	896797	9.43%	0.643%
46	13.257	1019	1021	1025	rVB2	419482	1035374	10.89%	0.743%
47	13.348	1027	1029	1031	rVV2	425935	521854	5.49%	0.374%
48	13.565	1045	1048	1050	rVB	2523721	3963884	41.67%	2.844%
49	13.657	1053	1056	1058	rBV3	895843	1166539	12.26%	0.837%
50	13.794	1066	1068	1070	rVB	385712	482352	5.07%	0.346%
51	14.011	1083	1087	1090	rBV	5067731	9511899	100.00%	6.825%
52	14.342	1114	1116	1118	rBV2	602397	821684	8.64%	0.590%
53	14.377	1118	1119	1121	rBV2	381439	549440	5.78%	0.394%
54	14.480	1126	1128	1130	rVB2	363024	493967	5.19%	0.354%
55	14.525	1130	1132	1139	rBV7	369450	1813437	19.06%	1.301%
56	14.754	1149	1152	1154	rBV	2905065	4918118	51.70%	3.529%
57	14.800	1154	1156	1158	rVV	1403630	1723549	18.12%	1.237%
58	14.880	1161	1163	1166	rVV2	445203	767468	8.07%	0.551%
59	14.982	1170	1172	1176	rVB2	362611	789204	8.30%	0.566%
60	15.303	1198	1200	1205	rVB	912869	1769361	18.60%	1.270%
61	15.554	1220	1222	1223	rBV	269011	308390	3.24%	0.221%
62	15.588	1223	1225	1230	rVB2	723647	1469109	15.44%	1.054%
63	15.668	1230	1232	1233	rBV	311665	362832	3.81%	0.260%
64	15.703	1233	1235	1237	rBV2	369578	567248	5.96%	0.407%
65	16.000	1259	1261	1263	rVB	382339	449531	4.73%	0.323%
66	16.354	1290	1292	1297	rBV3	379688	1155148	12.14%	0.829%
67	16.468	1300	1302	1305	rVB	517554	847718	8.91%	0.608%
68	16.571	1307	1311	1316	rVB	3916884	5740745	60.35%	4.119%
69	16.663	1316	1319	1320	rBV2	258495	415842	4.37%	0.298%
70	16.868	1334	1337	1339	rVB	3507856	5373758	56.50%	3.856%
71	16.937	1339	1343	1345	rVV2	131003	334105	3.51%	0.240%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	16.971	1345	1346	1349	rVB	246276	373837	3.93%	0.268%
73	17.040	1351	1352	1354	rBV	324336	447788	4.71%	0.321%
74	17.108	1355	1358	1360	rVB	2093147	2471460	25.98%	1.773%
75	17.177	1360	1364	1370	rVB5	458858	1094581	11.51%	0.785%
76	17.291	1371	1374	1380	rVB3	463492	1253572	13.18%	0.899%
77	17.451	1386	1388	1394	rBV3	687880	1251068	13.15%	0.898%
78	17.566	1397	1398	1400	rVB	297786	309448	3.25%	0.222%
79	18.000	1434	1436	1438	rVB	856840	943938	9.92%	0.677%
80	18.148	1445	1449	1451	rBV3	528130	1178845	12.39%	0.846%
81	18.183	1451	1452	1454	rVV	302882	374951	3.94%	0.269%
82	18.217	1454	1455	1458	rVB2	274855	320711	3.37%	0.230%
83	18.274	1458	1460	1462	rBV	617839	772334	8.12%	0.554%
84	18.446	1472	1475	1477	rBV2	2324398	3936592	41.39%	2.825%
85	18.491	1477	1479	1481	rVB	2284997	2650982	27.87%	1.902%
86	18.651	1491	1493	1495	rBV2	210591	305468	3.21%	0.219%
87	18.766	1501	1503	1506	rVB3	221381	339581	3.57%	0.244%
88	18.949	1517	1519	1521	rVV	534283	711480	7.48%	0.511%
89	18.994	1521	1523	1525	rVV	278926	325724	3.42%	0.234%
90	19.109	1531	1533	1535	rVV2	221428	354531	3.73%	0.254%
91	19.371	1554	1556	1560	rVB3	199997	325654	3.42%	0.234%
92	19.554	1570	1572	1575	rBV	390190	514263	5.41%	0.369%
93	19.726	1584	1587	1592	rBV	1776068	4125532	43.37%	2.960%
94	19.829	1594	1596	1598	rVB	474929	472131	4.96%	0.339%
95	20.012	1609	1612	1615	rBV	867781	1249333	13.13%	0.896%
96	20.069	1615	1617	1620	rVV	1265775	1524660	16.03%	1.094%
97	20.126	1620	1622	1623	rVV	415419	513105	5.39%	0.368%
98	20.149	1623	1624	1634	rVB2	321401	661828	6.96%	0.475%
99	21.349	1726	1729	1732	rBV	437826	873925	9.19%	0.627%
100	21.692	1757	1759	1764	rVB	283844	519037	5.46%	0.372%

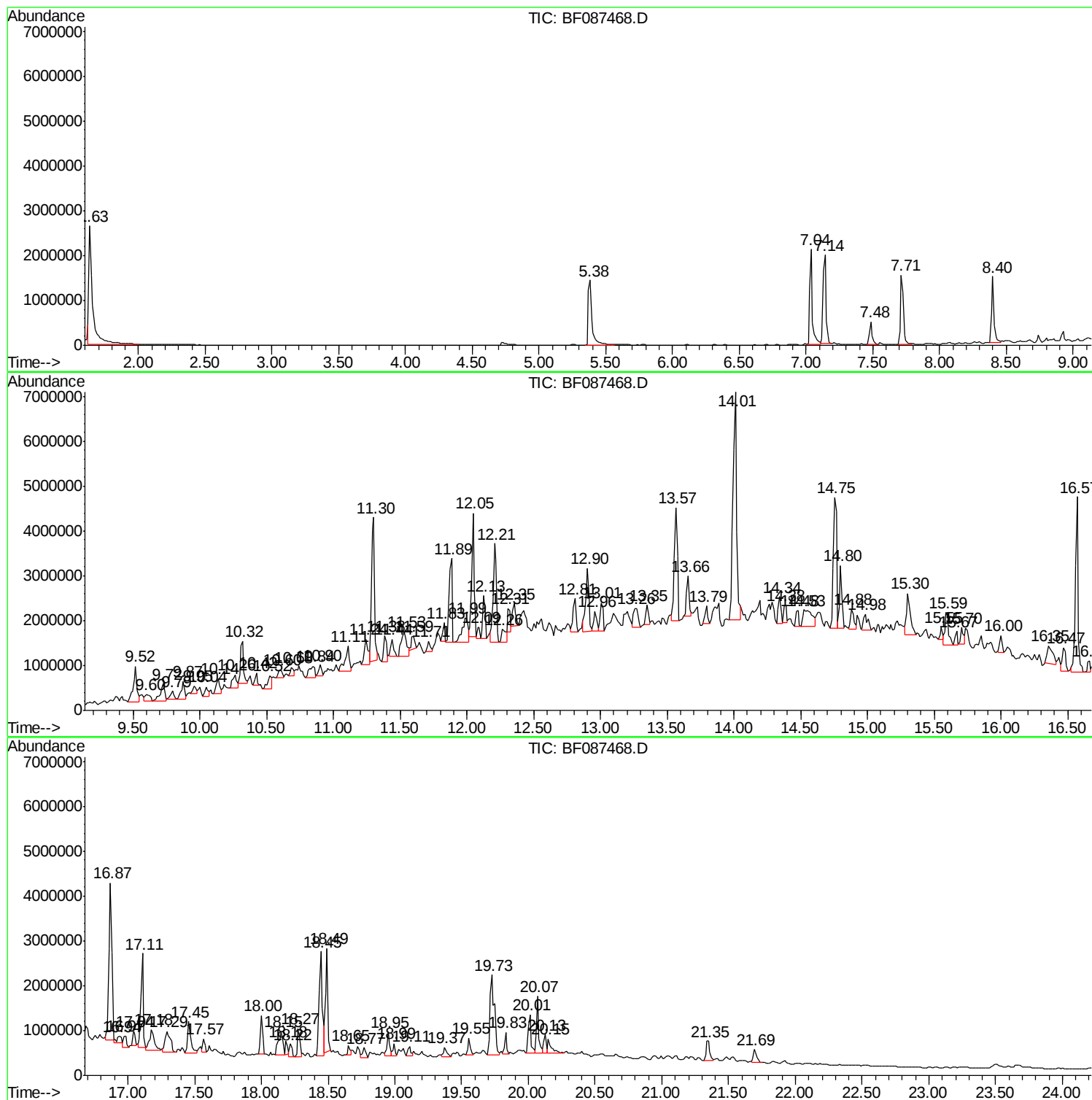
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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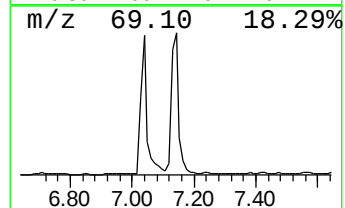
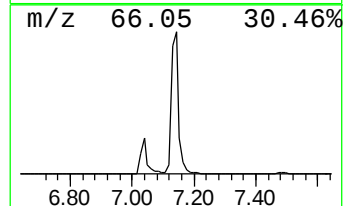
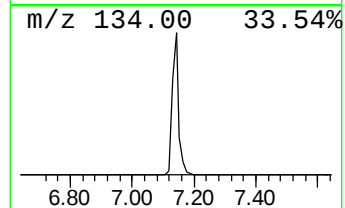
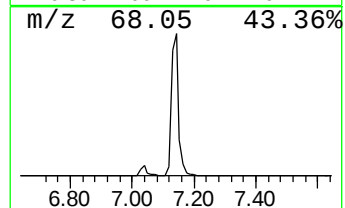
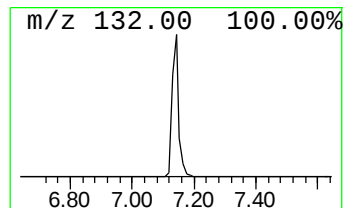
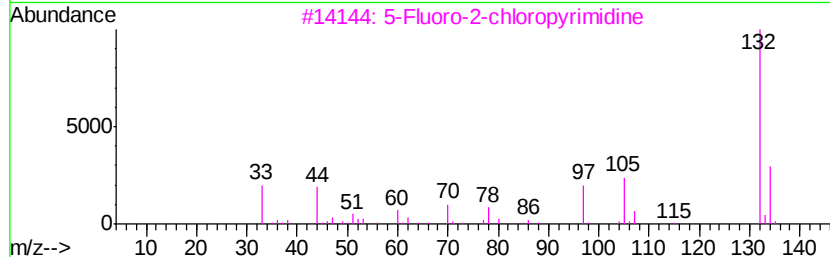
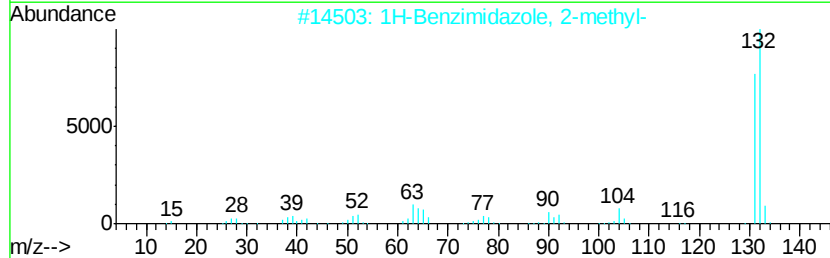
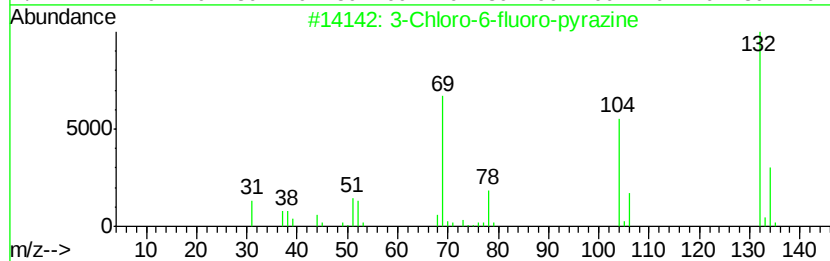
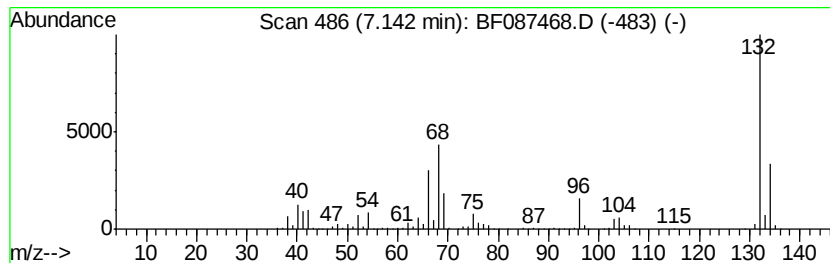
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	82.18 ng	3035390	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
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



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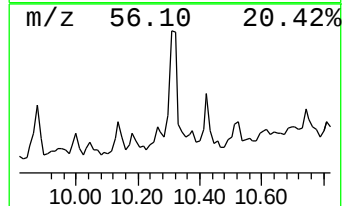
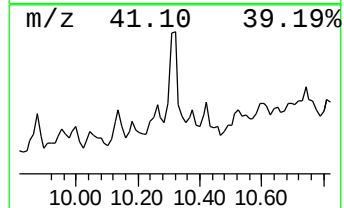
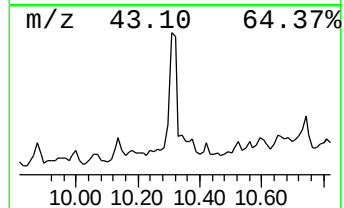
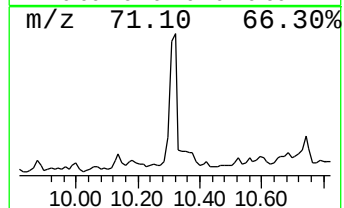
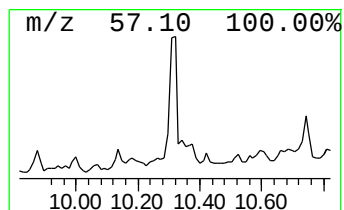
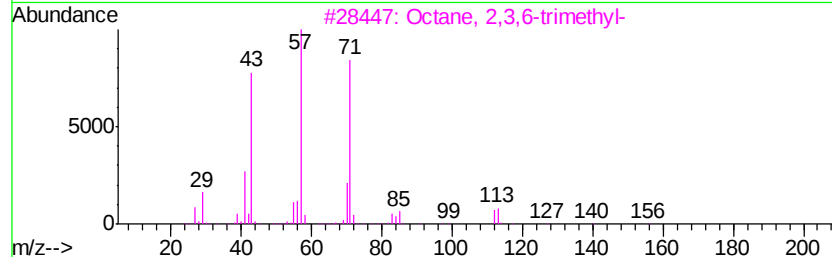
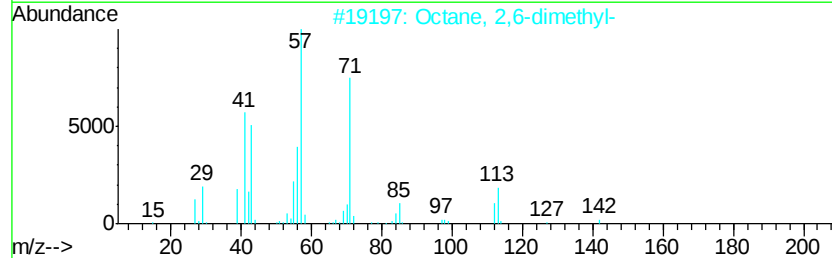
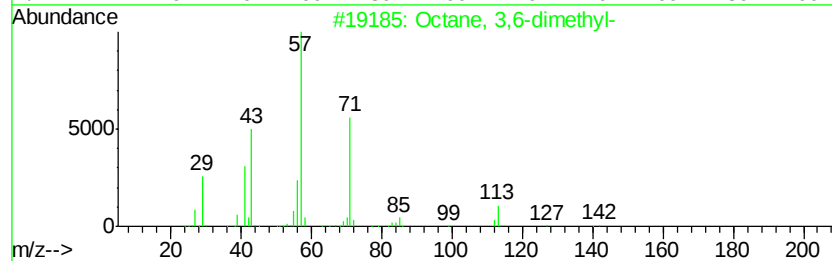
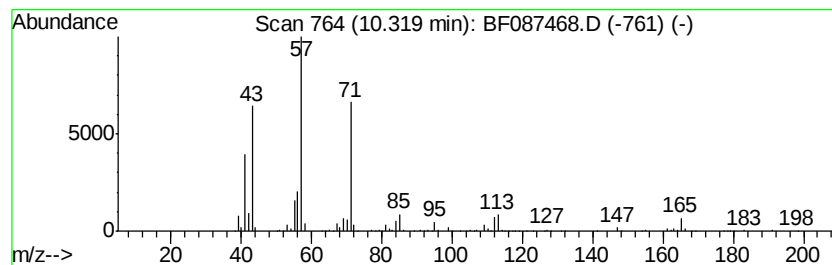
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	20.76 ng	1601190	Naphthalene-d8	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53
4		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	53
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	50



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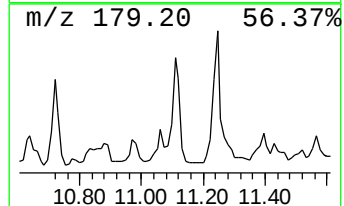
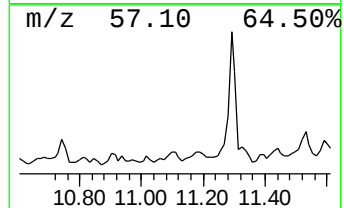
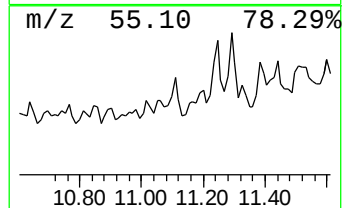
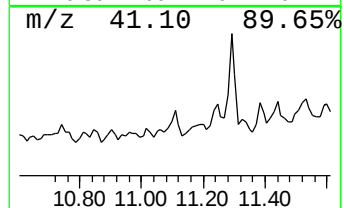
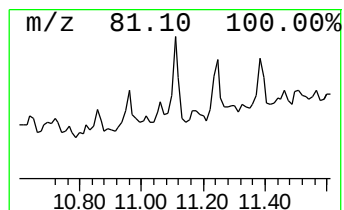
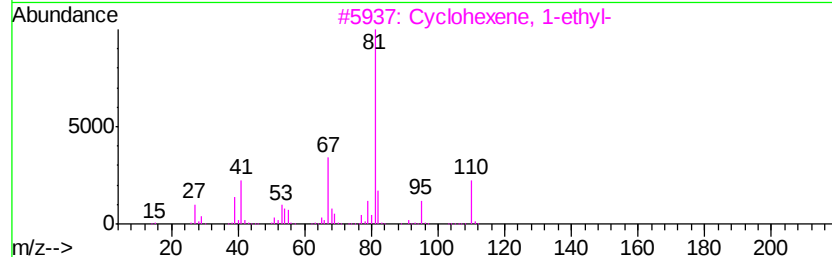
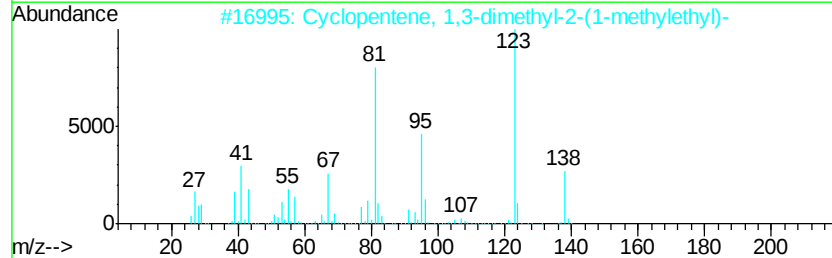
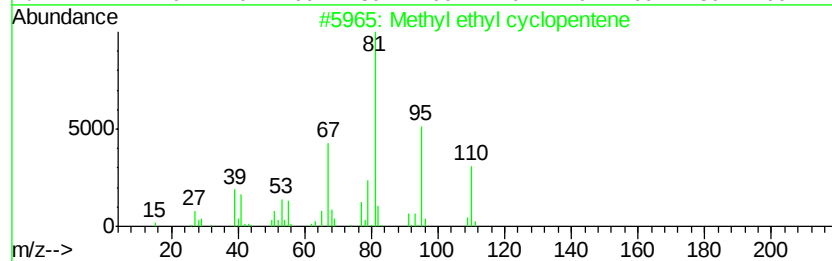
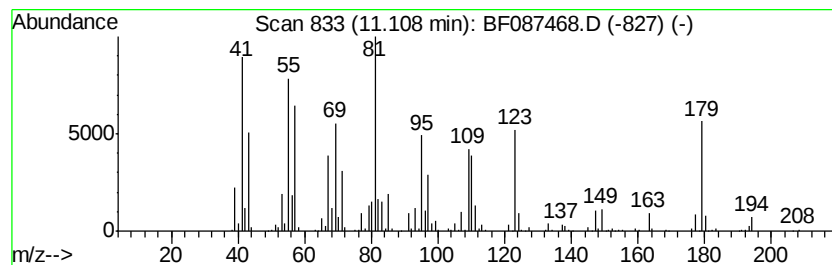
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	31.69 ng	1318360	Acenaphthene-d10	12.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	46
2		Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	43
3		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4		Furan, 2,3,5-trimethyl-	110	C7H10O	010504-04-8	38
5		Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

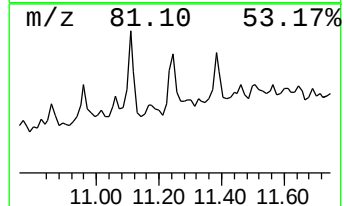
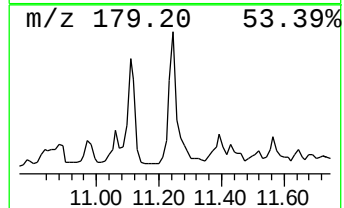
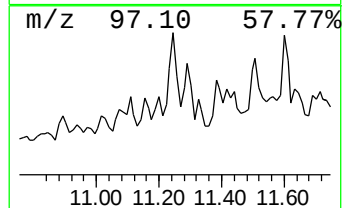
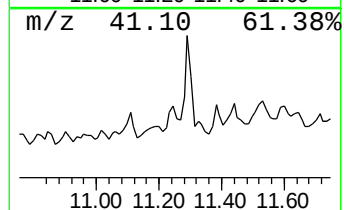
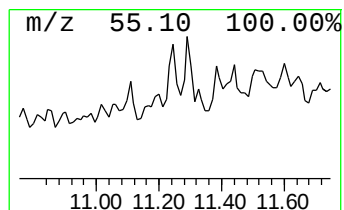
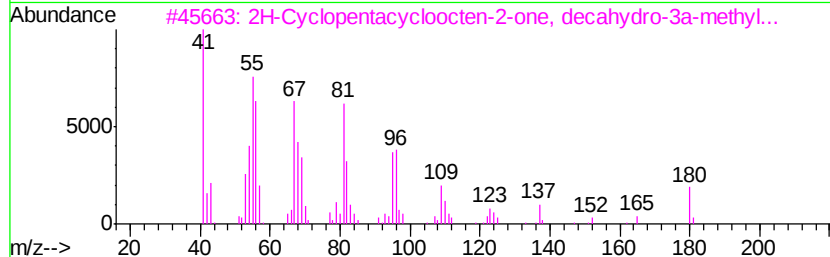
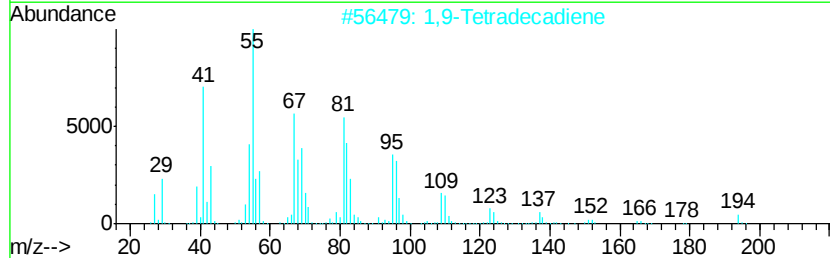
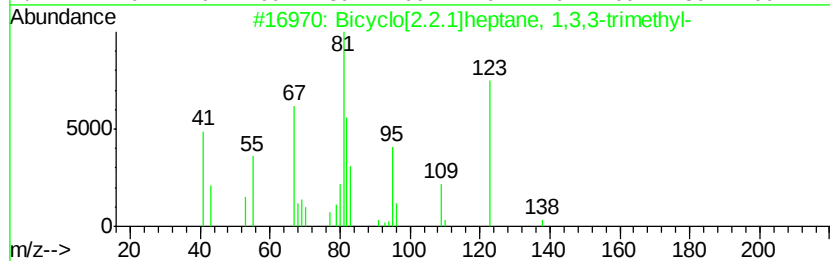
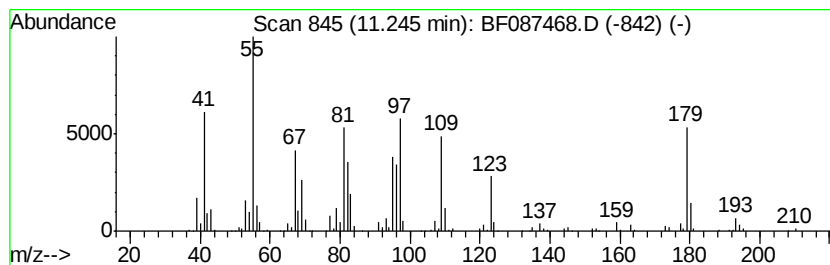
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.25 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	27.43 ng	1140990	Acenaphthene-d10	12.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	41
2		1,9-Tetradecadiene	194	C14H26	112929-06-3	35
3		2H-Cyclopentacycloocten-2-one, d...	180	C12H20O	055103-65-6	30
4		1-Tridecyne	180	C13H24	026186-02-7	22
5		1,1'-Bicyclohexyl, 2-methyl-, cis-	180	C13H24	050991-08-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
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Acq On : 28 May 2016 5:29
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Sample : H3190-07
Misc :
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Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

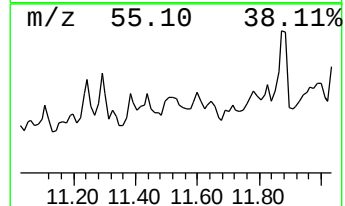
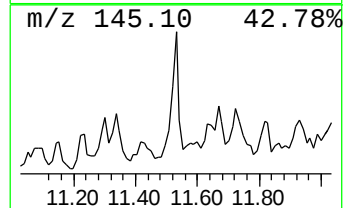
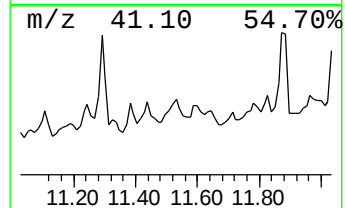
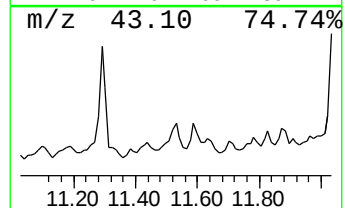
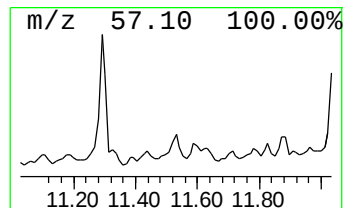
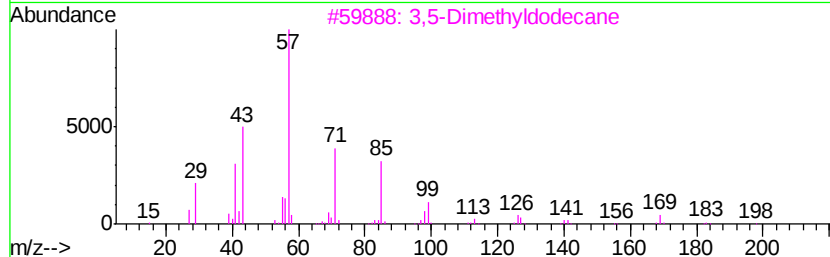
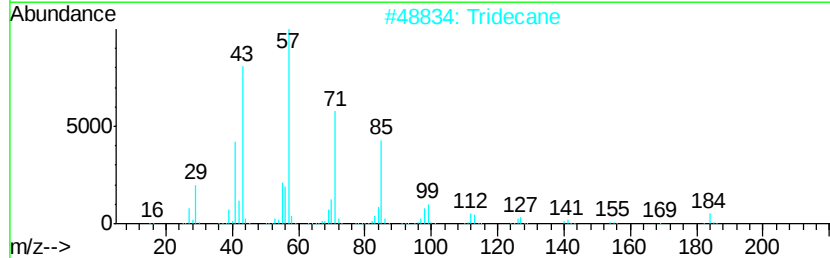
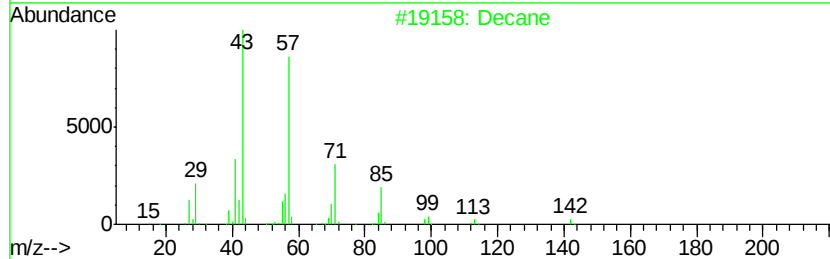
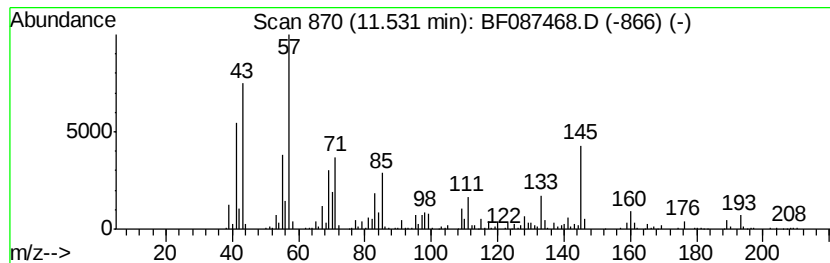
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown11.53 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	38.23 ng	1590340	Acenaphthene-d10	12.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	38
2		Tridecane	184	C13H28	000629-50-5	30
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	30
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	27
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

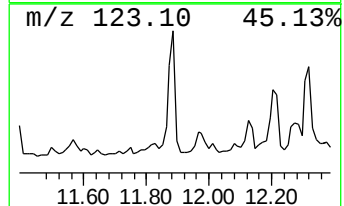
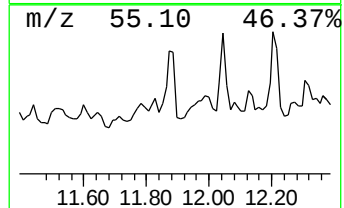
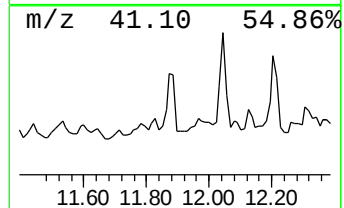
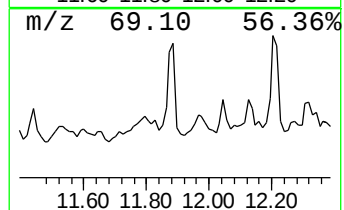
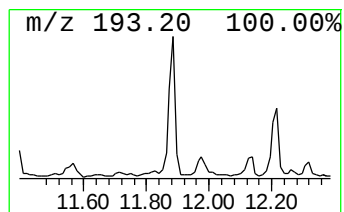
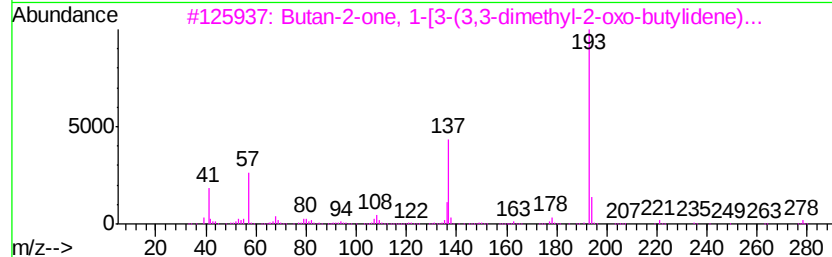
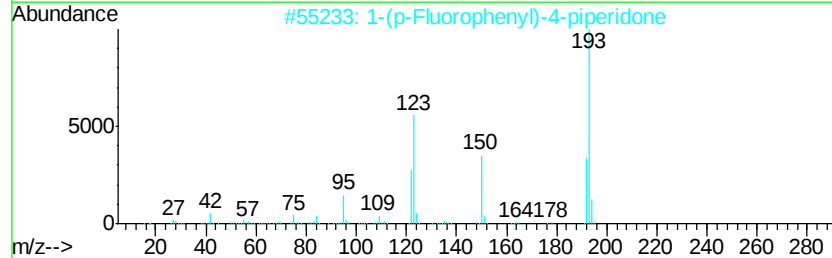
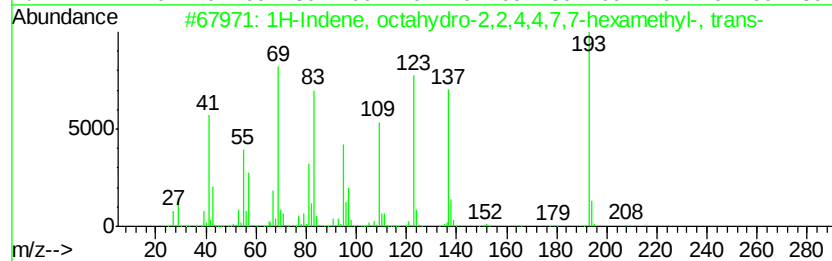
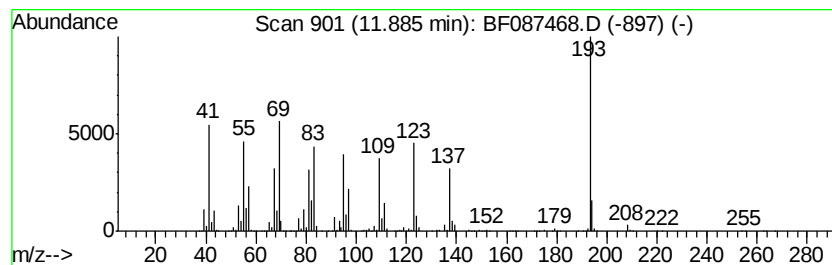
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown11.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	69.35 ng	2884780	Acenaphthene-d10	12.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	43
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3		Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	22
4		2-Anthracenamine	193	C14H11N	000613-13-8	22
5		1-Anthracenamine	193	C14H11N	000610-49-1	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
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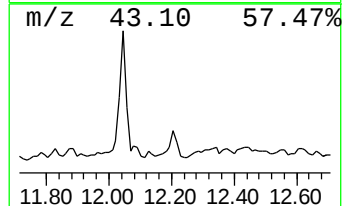
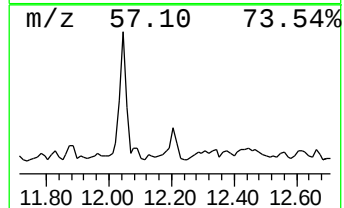
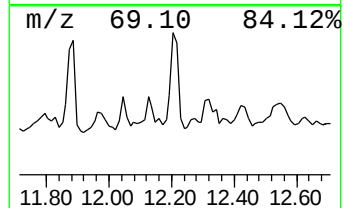
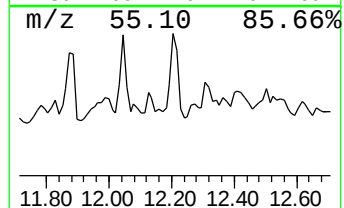
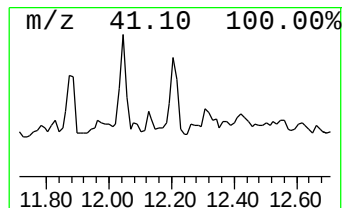
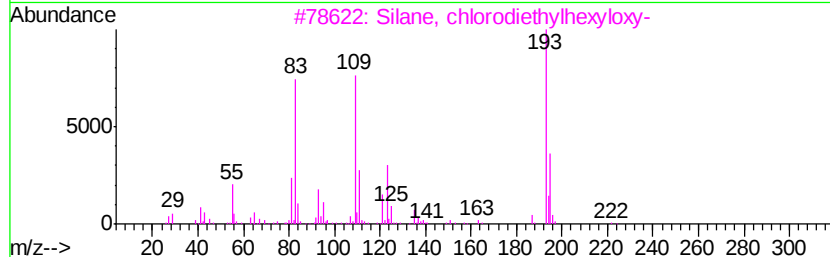
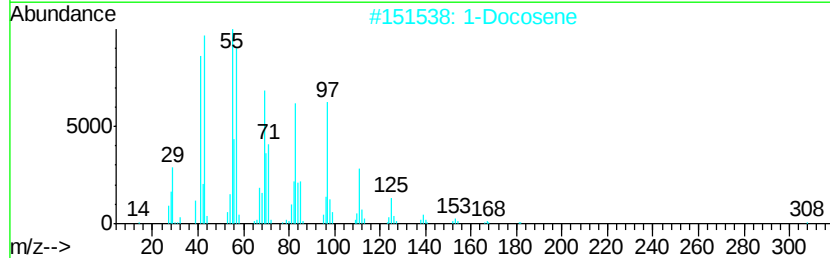
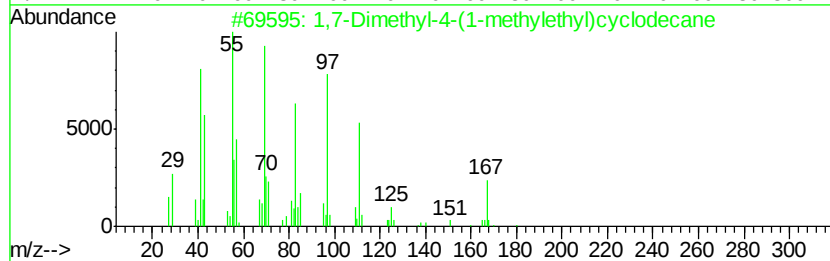
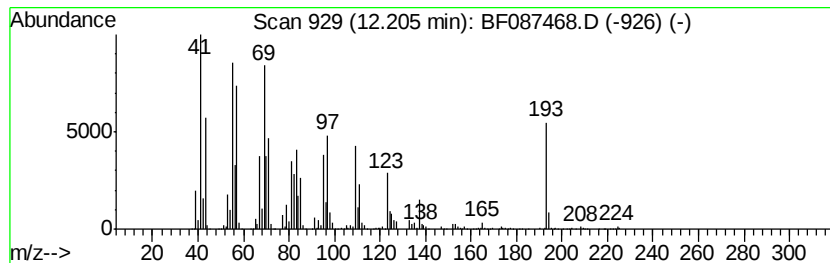
Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.21 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	89.61 ng	3727770	Acenaphthene-d10	12.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,7-Dimethyl-4-(1-methylethyl)cv...	210 C15H30	000645-10-3 43
2		1-Docosene	308 C22H44	001599-67-3 30
3		Silane, chlorodiethylhexyloxy-	222 C10H23ClOSi	1000363-74-4 30
4		Cyclopropane, 1-methyl-2-(3-meth...	140 C10H20	062238-07-7 25
5		3-Eicosene, (E)-	280 C20H40	074685-33-9 25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

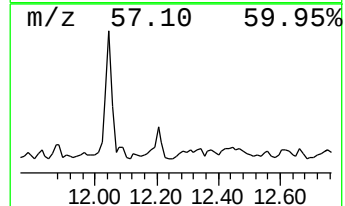
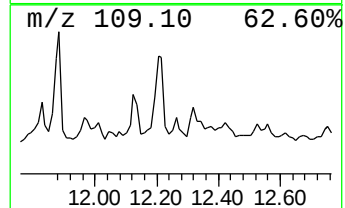
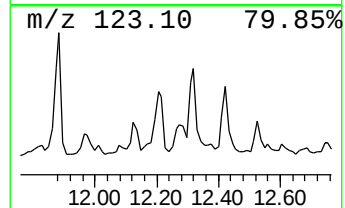
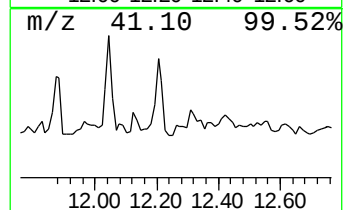
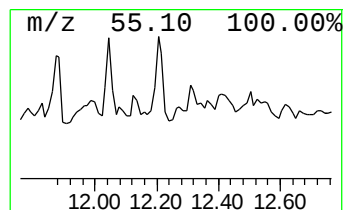
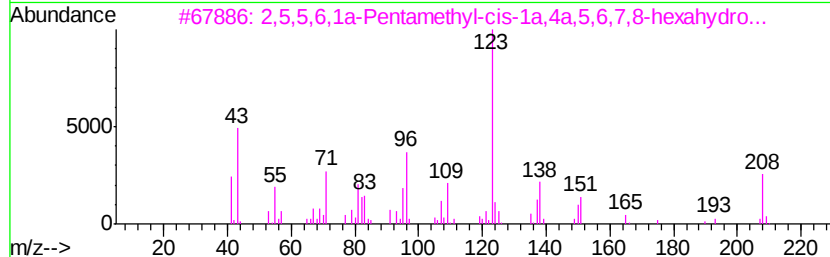
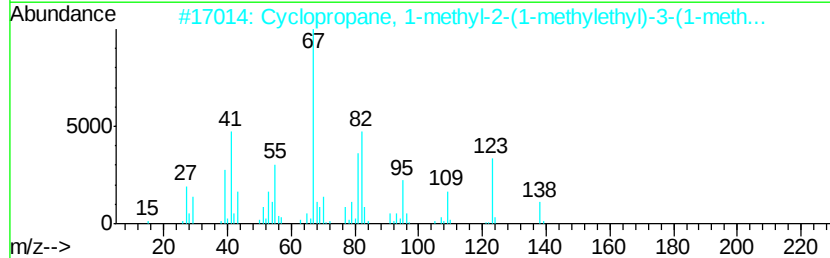
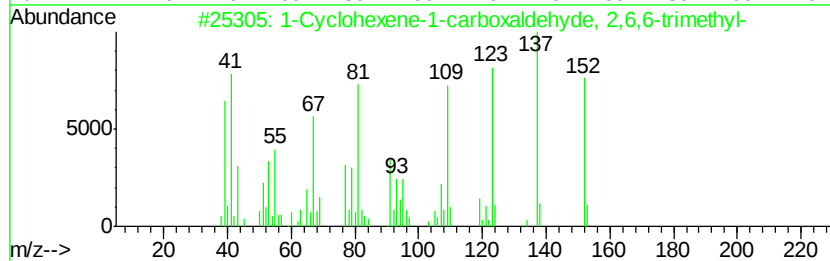
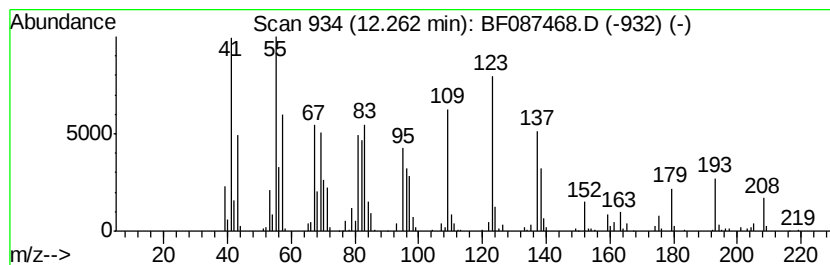
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	16.50 ng	686482	Acenaphthene-d10	12.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-25-7	47
2			Cyclopropane, 1-methyl-2-(1-meth...	138	C10H18	024524-52-5	43
3			2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208	C14H24O	1000215-77-9	38
4			Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	38
5			1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
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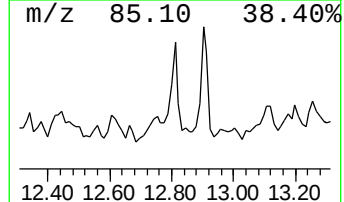
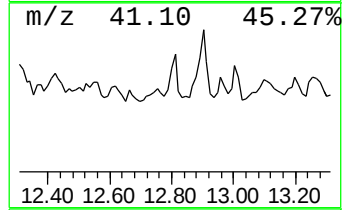
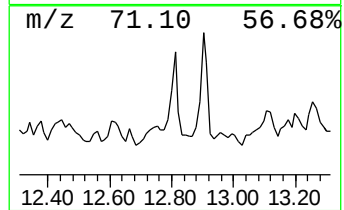
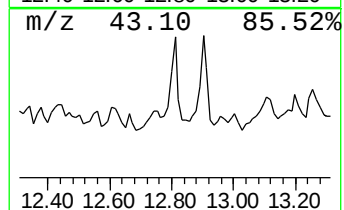
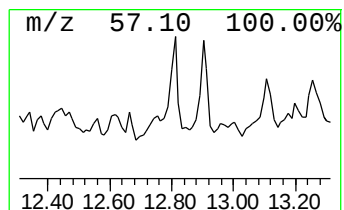
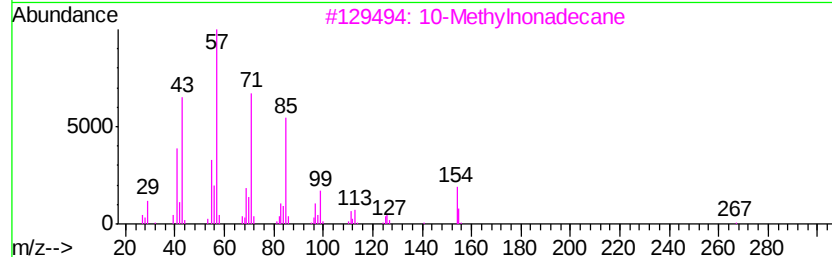
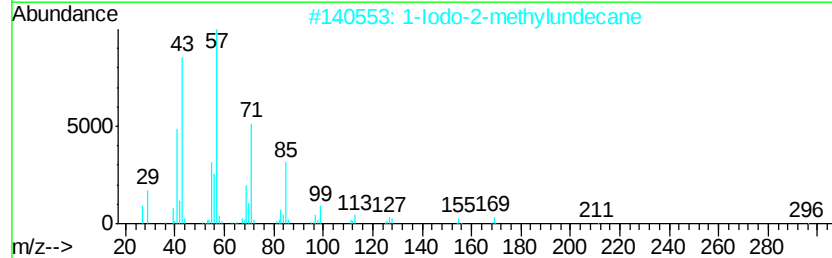
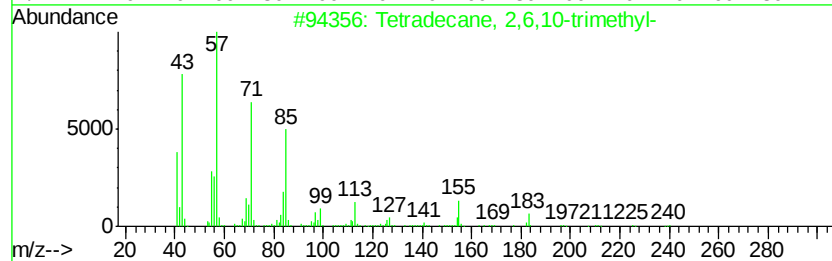
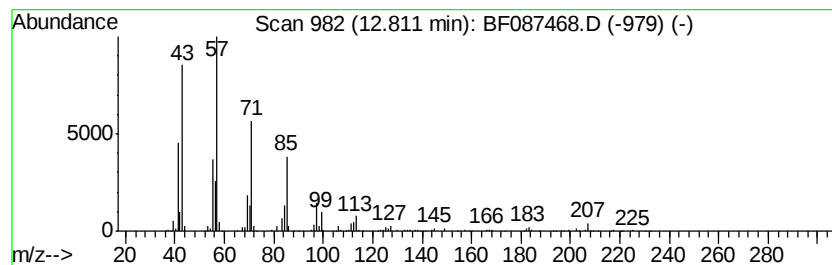
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetradecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.81	26.42 ng	1099140	Acenaphthene-d10		12.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
3			10-Methylnonadecane	282	C20H42	056862-62-5	72
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

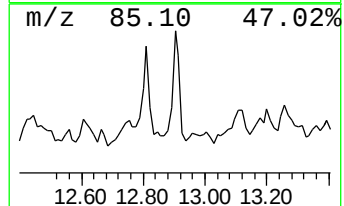
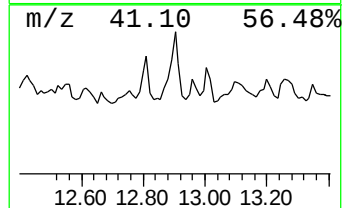
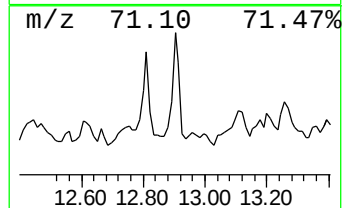
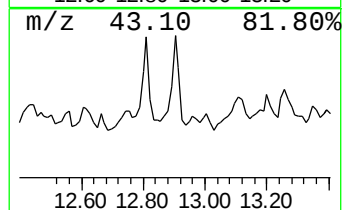
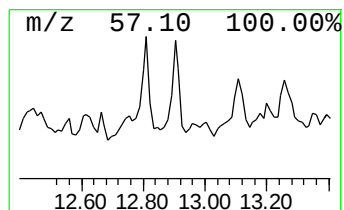
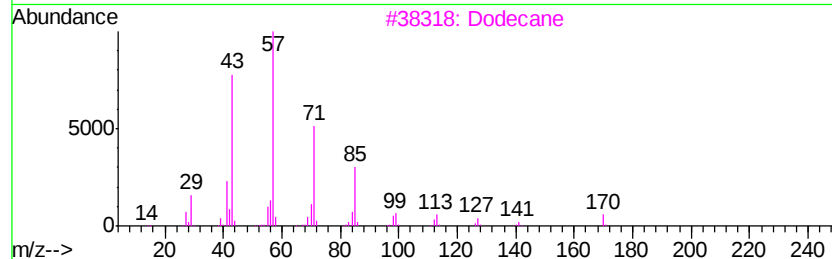
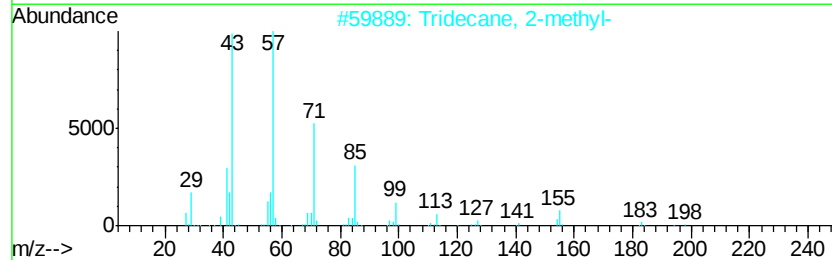
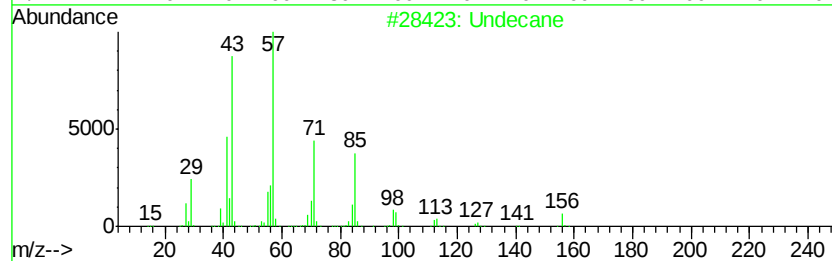
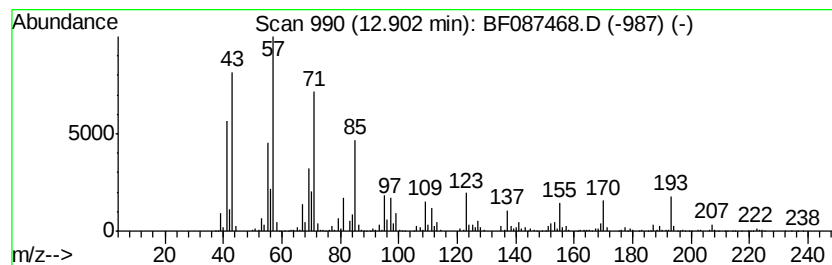
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ClientSampleId :
CHS-STA-1699(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	59.39 ng	2470660	Acenaphthene-d10	12.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 50
2	Tridecane, 2-methyl-		198 C14H30	001560-96-9 49
3	Dodecane		170 C12H26	000112-40-3 46
4	Decane, 1-iodo-		268 C10H21I	002050-77-3 46
5	Tridecane		184 C13H28	000629-50-5 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

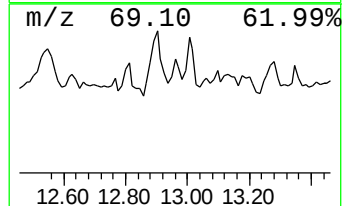
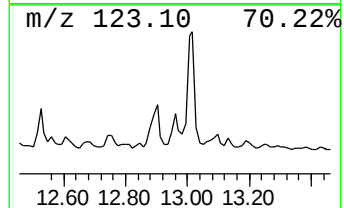
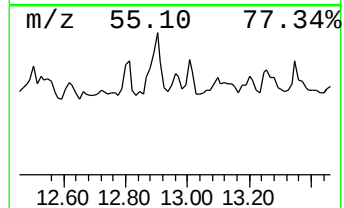
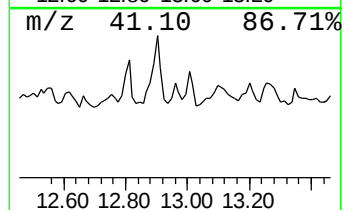
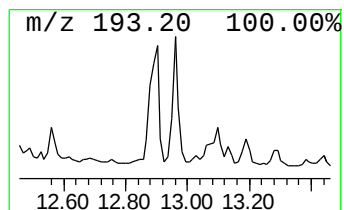
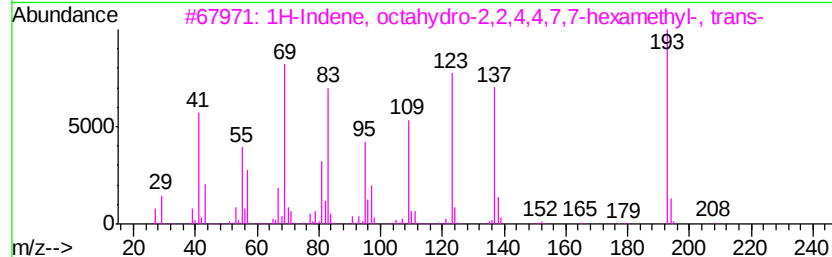
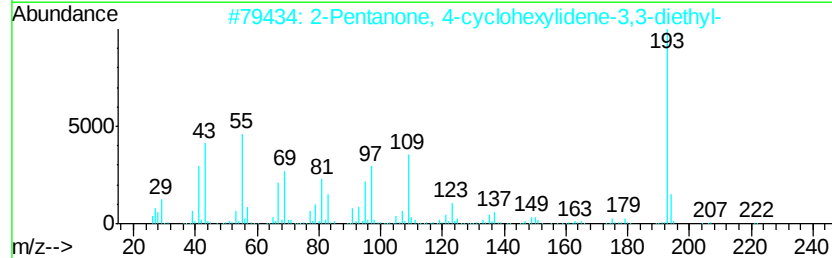
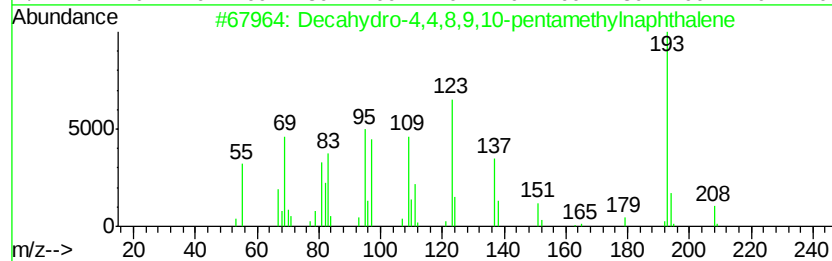
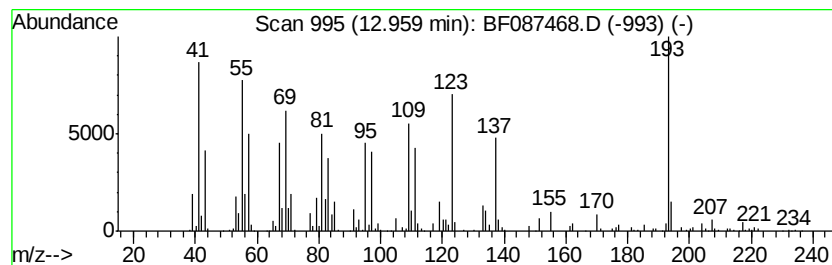
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.96	16.72 ng	695466	Acenaphthene-d10	12.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	53
3		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	49
4		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
5		Aristolene epoxide	220	C15H24O	1000151-48-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
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Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

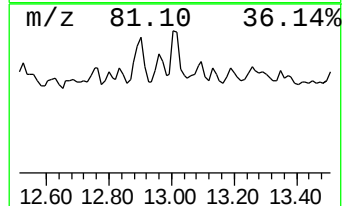
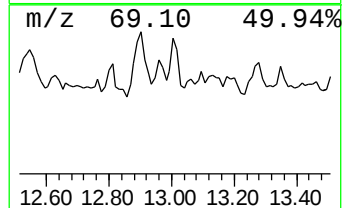
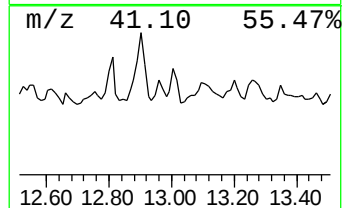
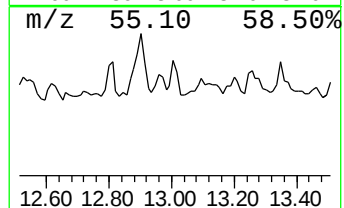
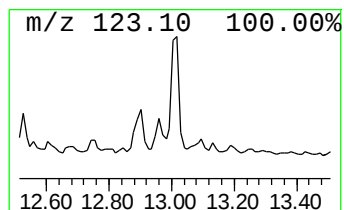
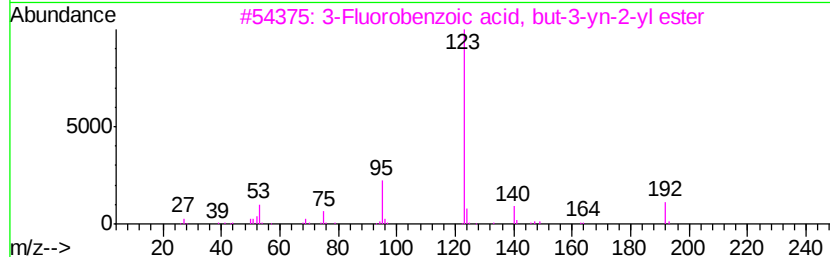
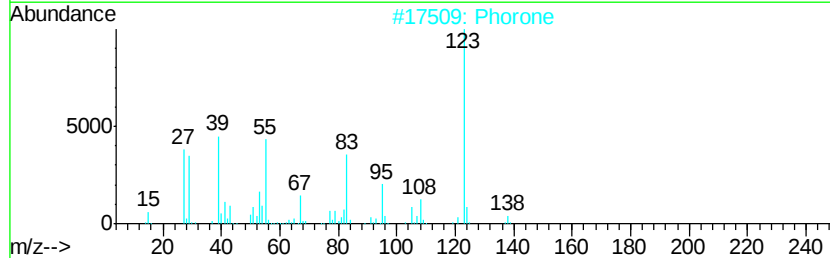
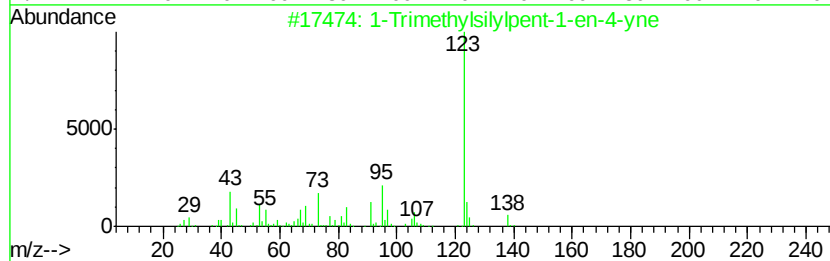
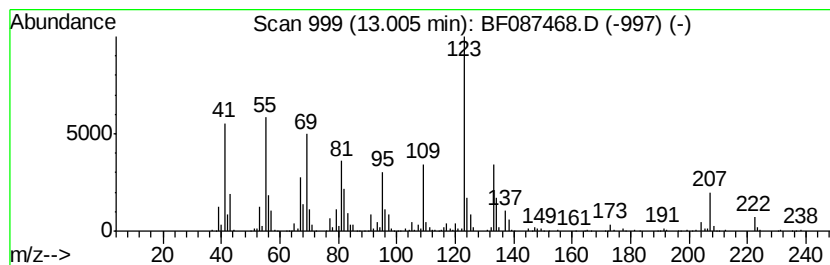
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown13.01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	21.56 ng	896797	Acenaphthene-d10	12.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
2		Phorone	138	C9H14O	000504-20-1	43
3		3-Fluorobenzoic acid, but-3-yn-2-yl ester	192	C11H9F02	1000292-60-0	43
4		3-Fluorobenzoic acid, 3-methylbutyl ester	208	C12H13F02	154559-38-3	38
5		4-Fluorobenzoic acid, 3-methylbutyl ester	208	C12H13F02	1000299-15-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

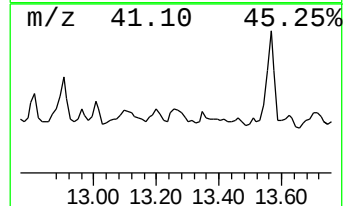
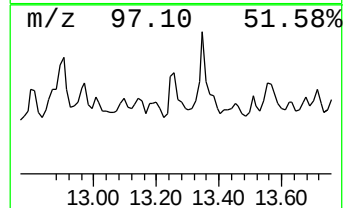
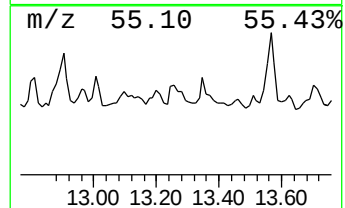
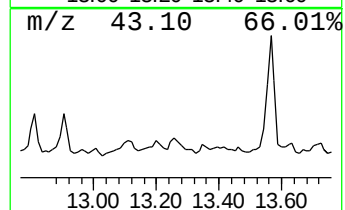
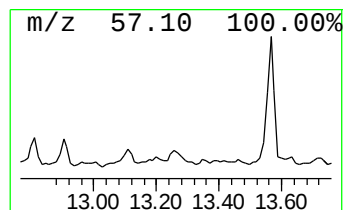
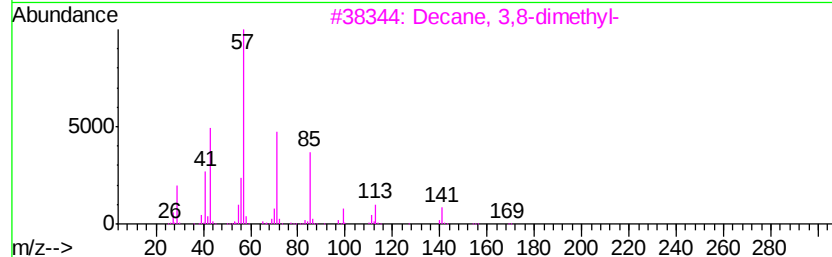
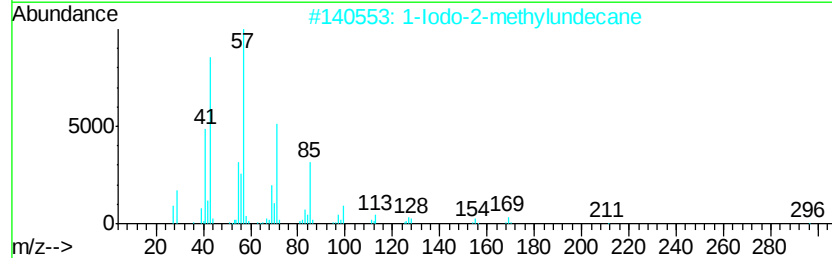
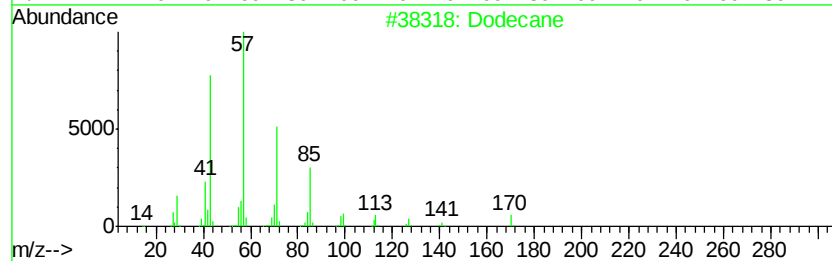
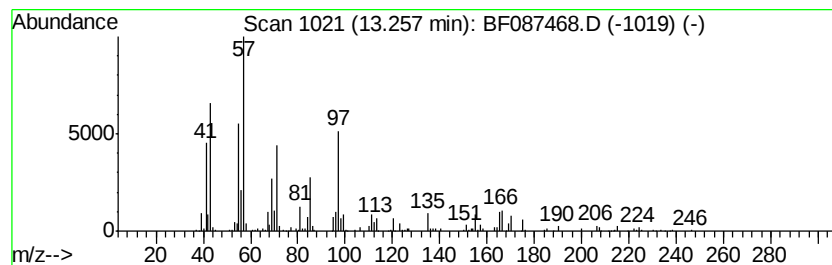
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	24.89 ng	1035370	Acenaphthene-d10	12.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	64
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	46
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	41
5		Undecane	156	C11H24	001120-21-4	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

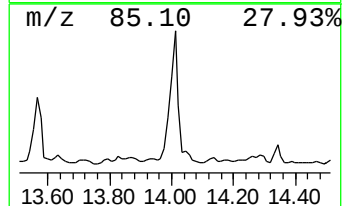
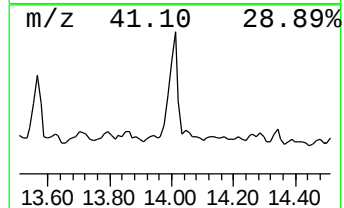
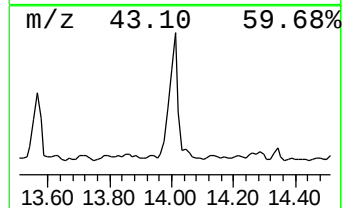
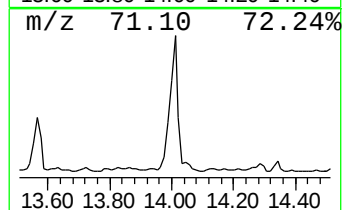
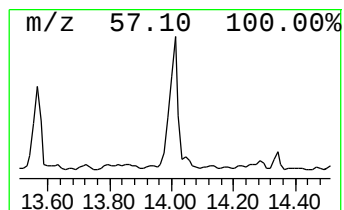
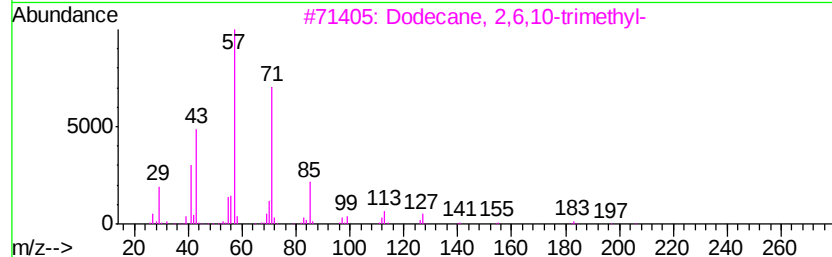
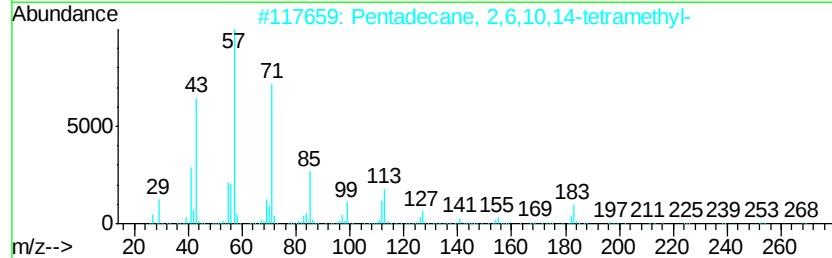
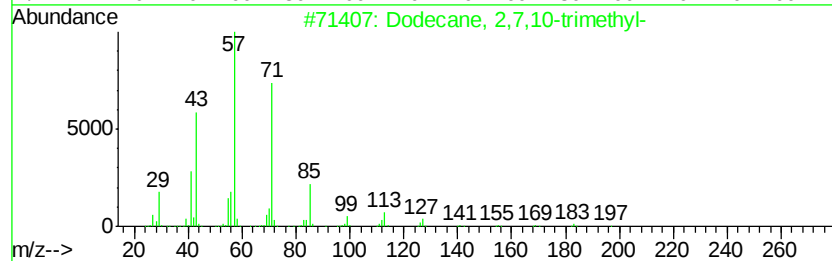
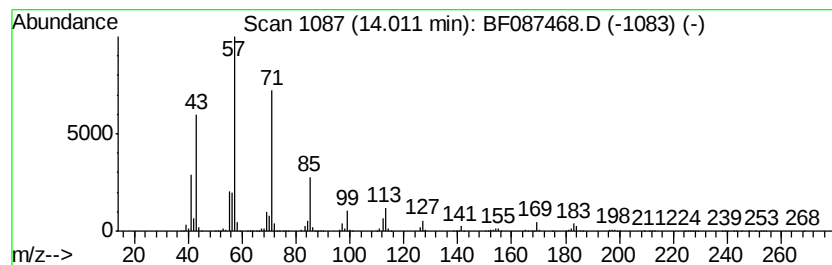
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	38.68 ng	9511900	Phenanthrene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087468.D
Acq On : 28 May 2016 5:29
Operator : UM/SJ
Sample : H3190-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHS-STA-1699(0-4)

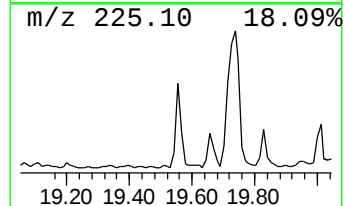
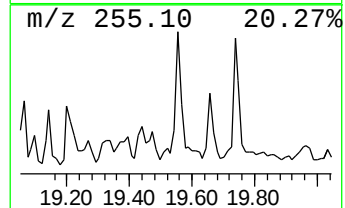
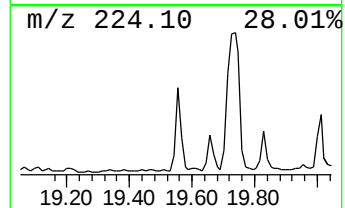
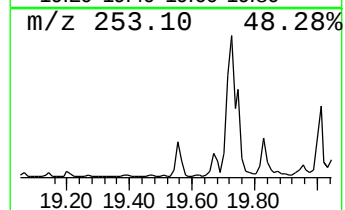
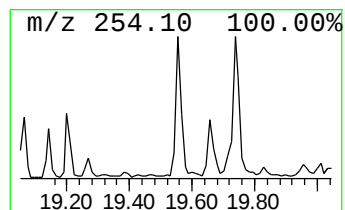
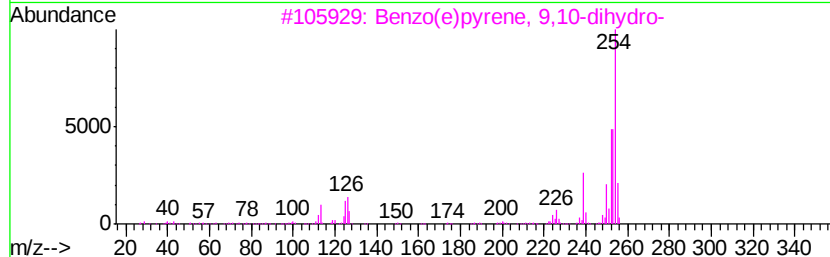
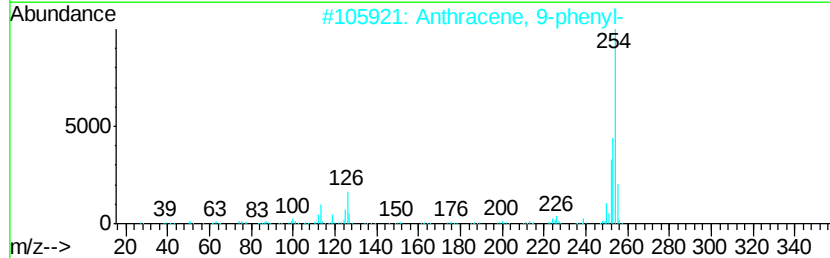
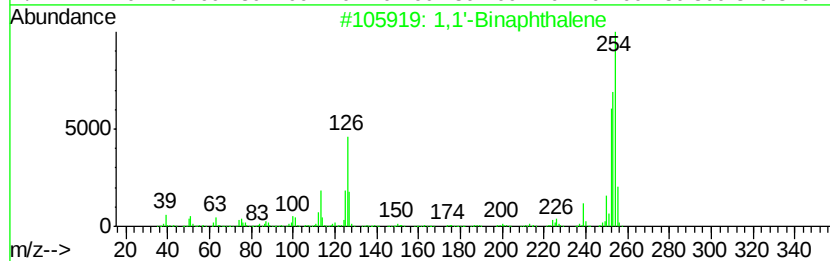
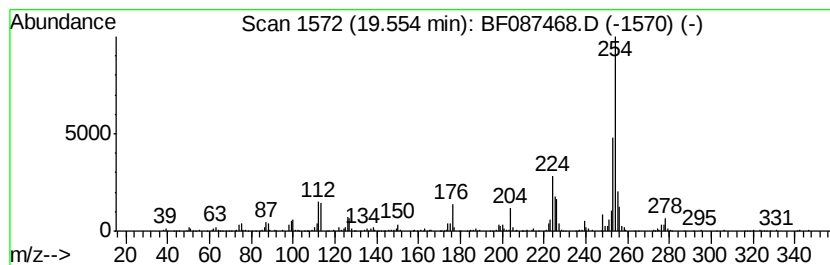
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,1'-Binaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	20.05 ng	514263	Perylene-d12	20.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
3		Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	64
4		Benzenamine, 4-(2-benzothiazolyl)-	254	C15H14N2S	010205-56-8	59
5		3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CHS-STA-1699(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Octane, 3,6-dimet...	10.32	20.8	ng	1601190	2	9.52	1542370	20.0
unknown11.11	11.11	31.7	ng	1318360	3	12.35	831958	20.0
unknown11.25	11.25	27.4	ng	1140990	3	12.35	831958	20.0
unknown11.53	11.53	38.2	ng	1590340	3	12.35	831958	20.0
unknown11.89	11.89	69.3	ng	2884780	3	12.35	831958	20.0
unknown12.21	12.21	89.6	ng	3727770	3	12.35	831958	20.0
unknown12.26	12.26	16.5	ng	686482	3	12.35	831958	20.0
Tetradecane, 2,6,...	12.81	26.4	ng	1099140	3	12.35	831958	20.0
Undecane	12.90	59.4	ng	2470660	3	12.35	831958	20.0
Decahydro-4,4,8,9...	12.96	16.7	ng	695466	3	12.35	831958	20.0
unknown13.01	13.01	21.6	ng	896797	3	12.35	831958	20.0
Dodecane	13.26	24.9	ng	1035370	3	12.35	831958	20.0
Dodecane, 2,7,10-...	14.01	38.7	ng	9511900	4	14.77	4918120	20.0
1,1'-Binaphthalene	19.55	20.1	ng	514263	6	20.13	513105	20.0