

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102594.D
 Acq On : 29 Jan 2018 13:42
 Operator : SJ/JU
 Sample : J1257-15 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19(5-15)

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-BF012218.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	4.898	472	478	485	rVB2	42256	62993	1.97%	0.134%
2	5.169	520	524	528	rBV2	45852	66159	2.07%	0.141%
3	5.281	539	543	544	rBV	121523	129850	4.06%	0.276%
4	5.328	547	551	569	rVB	1741319	2012656	62.99%	4.274%
5	5.545	584	588	595	rVV4	58321	88661	2.77%	0.188%
6	5.604	595	598	602	rVB	51488	51212	1.60%	0.109%
7	5.851	633	640	645	rBV4	47989	72630	2.27%	0.154%
8	5.951	653	657	659	rBV2	75708	81111	2.54%	0.172%
9	6.139	683	689	692	rBV2	69888	95016	2.97%	0.202%
10	6.234	702	705	708	rBV	177883	169511	5.30%	0.360%
11	6.263	708	710	713	rVV	66939	57231	1.79%	0.122%
12	6.310	713	718	723	rVB2	116812	144789	4.53%	0.307%
13	6.363	723	727	737	rBV	1863805	2123085	66.44%	4.509%
14	6.487	744	748	753	rVB	2300447	2000254	62.60%	4.248%
15	6.534	753	756	763	rVB2	247848	297089	9.30%	0.631%
16	6.716	784	787	790	rBV	1194612	1026639	32.13%	2.180%
17	6.769	793	796	798	rBV	185830	151032	4.73%	0.321%
18	6.869	808	813	816	rBV	1873702	1603361	50.18%	3.405%
19	6.986	829	833	836	rVB2	143576	165312	5.17%	0.351%
20	7.034	839	841	842	rVV	127080	98743	3.09%	0.210%
21	7.051	842	844	849	rVB4	55434	55810	1.75%	0.119%
22	7.104	849	853	855	rBV2	143876	154993	4.85%	0.329%
23	7.245	872	877	880	rBV2	200211	201303	6.30%	0.428%
24	7.281	880	883	886	rVV	1364399	1214342	38.00%	2.579%
25	7.304	886	887	891	rVV	203409	143888	4.50%	0.306%
26	7.357	891	896	899	rVB5	138362	179108	5.61%	0.380%
27	7.398	899	903	905	rBV2	90271	109714	3.43%	0.233%
28	7.428	905	908	911	rVV3	79089	104164	3.26%	0.221%
29	7.486	915	918	920	rVV2	166410	146832	4.60%	0.312%
30	7.510	920	922	926	rVB2	139022	135253	4.23%	0.287%
31	7.586	932	935	938	rBV5	47849	70647	2.21%	0.150%
32	7.628	940	942	947	rVV4	101632	146844	4.60%	0.312%
33	7.669	947	949	953	rVB2	72496	85554	2.68%	0.182%
34	7.739	958	961	967	rVV2	499535	544699	17.05%	1.157%

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35	7.810	970	973	976	rVV3	89332	115736	3.62%	0.246%
36	7.863	979	982	986	rBV3	86130	101654	3.18%	0.216%
37	7.933	991	994	998	rBV5	90924	129891	4.06%	0.276%
38	7.975	998	1001	1002	rVV	257462	213325	6.68%	0.453%
39	7.998	1002	1005	1007	rVV	1572753	1403182	43.91%	2.980%
40	8.022	1007	1009	1011	rVV	660037	568535	17.79%	1.207%
41	8.051	1011	1014	1016	rVV3	235828	257224	8.05%	0.546%
42	8.081	1016	1019	1023	rVB3	73746	86589	2.71%	0.184%
43	8.192	1036	1038	1041	rVB2	70306	56205	1.76%	0.119%
44	8.286	1046	1054	1060	rBV7	122170	256526	8.03%	0.545%
45	8.339	1060	1063	1066	rBV4	50783	61257	1.92%	0.130%
46	8.375	1066	1069	1072	rVB4	89312	112697	3.53%	0.239%
47	8.416	1072	1076	1077	rBV	217678	202278	6.33%	0.430%
48	8.528	1092	1095	1098	rBV3	67881	70760	2.21%	0.150%
49	8.586	1102	1105	1108	rBV2	136875	136426	4.27%	0.290%
50	8.710	1124	1126	1129	rBV	464716	383617	12.01%	0.815%
51	8.810	1140	1143	1146	rVB	442483	348906	10.92%	0.741%
52	8.869	1150	1153	1156	rBV4	72651	102613	3.21%	0.218%
53	8.945	1163	1166	1170	rBV2	77609	68687	2.15%	0.146%
54	8.986	1170	1173	1175	rBV3	84997	83103	2.60%	0.176%
55	9.010	1175	1177	1182	rVB	245653	210401	6.58%	0.447%
56	9.069	1184	1187	1192	rVB	2040122	1897638	59.39%	4.030%
57	9.145	1196	1200	1203	rBV2	222609	260286	8.15%	0.553%
58	9.175	1203	1205	1206	rBV	79689	60489	1.89%	0.128%
59	9.269	1219	1221	1227	rVB	88053	97064	3.04%	0.206%
60	9.345	1229	1234	1237	rBV2	459918	520488	16.29%	1.105%
61	9.410	1242	1245	1248	rVV	375276	436367	13.66%	0.927%
62	9.451	1248	1252	1253	rVV2	316935	420070	13.15%	0.892%
63	9.469	1253	1255	1259	rVV	519836	471895	14.77%	1.002%
64	9.527	1262	1265	1274	rVB	236492	368103	11.52%	0.782%
65	9.610	1276	1279	1284	rBV	531176	538117	16.84%	1.143%
66	9.651	1284	1286	1289	rVV	255787	220263	6.89%	0.468%
67	9.680	1289	1291	1295	rVV3	119692	116083	3.63%	0.247%
68	9.751	1300	1303	1306	rVV2	1342534	1121542	35.10%	2.382%
69	9.786	1306	1309	1312	rVB	570337	548956	17.18%	1.166%
70	9.857	1318	1321	1325	rVB2	116487	145280	4.55%	0.309%
71	9.904	1325	1329	1333	rBV4	128086	245268	7.68%	0.521%

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72	9.957	1335	1338	1342	rVV2	444593	434167	13.59%	0.922%
73	9.992	1342	1344	1348	rVV4	203362	205116	6.42%	0.436%
74	10.069	1353	1357	1360	rBV3	228128	324835	10.17%	0.690%
75	10.098	1360	1362	1363	rBV	111405	71316	2.23%	0.151%
76	10.151	1368	1371	1374	rBV3	295891	364204	11.40%	0.773%
77	10.174	1374	1375	1378	rVB	194620	120470	3.77%	0.256%
78	10.204	1378	1380	1382	rBV2	121721	98564	3.08%	0.209%
79	10.298	1393	1396	1402	rVB	964281	972582	30.44%	2.065%
80	10.351	1402	1405	1406	rBV3	81549	89451	2.80%	0.190%
81	10.457	1420	1423	1426	rVB2	205150	217327	6.80%	0.462%
82	10.545	1435	1438	1441	rBV2	857884	827806	25.91%	1.758%
83	10.663	1453	1458	1465	rVB	706871	869984	27.23%	1.848%
84	10.716	1465	1467	1469	rBV3	96110	104167	3.26%	0.221%
85	10.845	1486	1489	1492	rBV2	244169	323085	10.11%	0.686%
86	10.874	1492	1494	1497	rVB	195968	170496	5.34%	0.362%
87	10.933	1502	1504	1506	rVB	183776	133907	4.19%	0.284%
88	11.051	1521	1524	1526	rBV	194763	156050	4.88%	0.331%
89	11.133	1534	1538	1543	rVB2	645911	849137	26.57%	1.803%
90	11.245	1553	1557	1558	rBV	876437	944340	29.55%	2.006%
91	11.269	1558	1561	1564	rVV	3247988	3195387	100.00%	6.786%
92	11.321	1567	1570	1572	rVB	737920	683334	21.39%	1.451%
93	11.480	1594	1597	1600	rBV	517302	444278	13.90%	0.944%
94	11.745	1639	1642	1645	rBV	719169	703568	22.02%	1.494%
95	11.774	1645	1647	1650	rVB	943568	729751	22.84%	1.550%
96	11.857	1658	1661	1663	rBV	951012	891204	27.89%	1.893%
97	12.298	1734	1736	1739	rBV	462671	428684	13.42%	0.910%
98	12.468	1761	1765	1768	rBV	2727091	2837734	88.81%	6.027%
99	12.498	1768	1770	1773	rVB2	630861	555865	17.40%	1.181%
100	12.704	1799	1805	1809	rVB	2269210	3112335	97.40%	6.610%

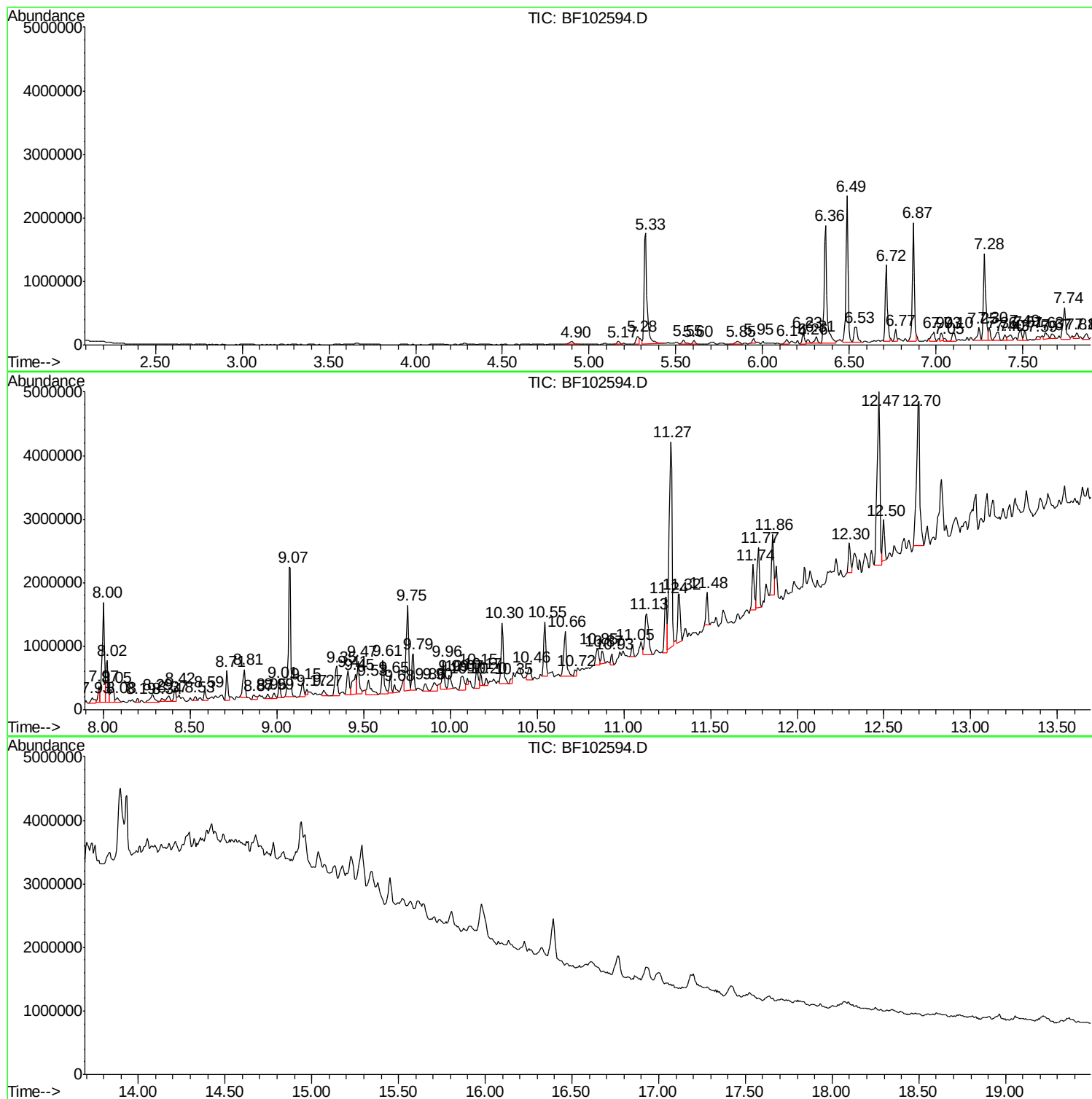
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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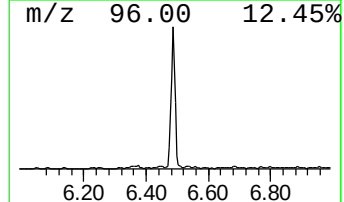
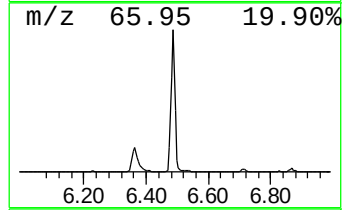
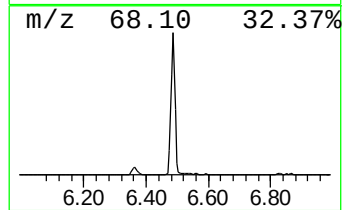
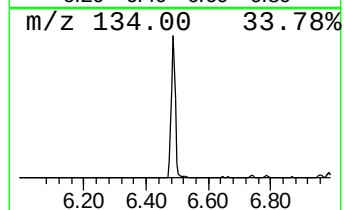
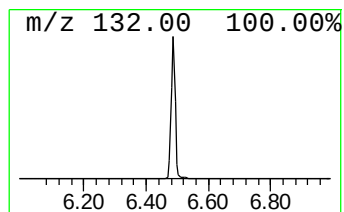
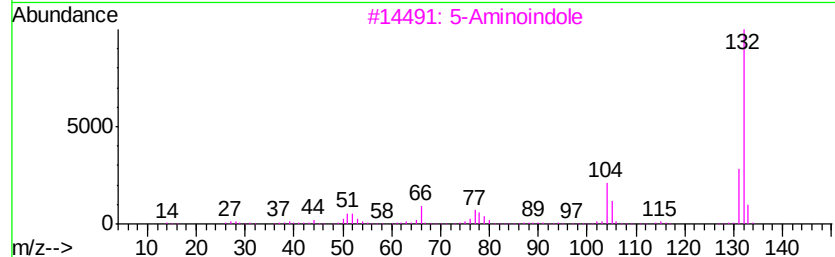
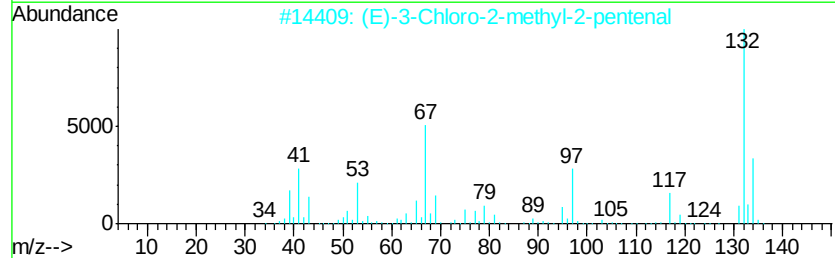
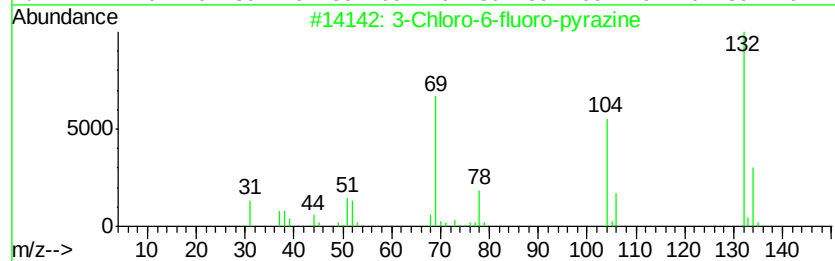
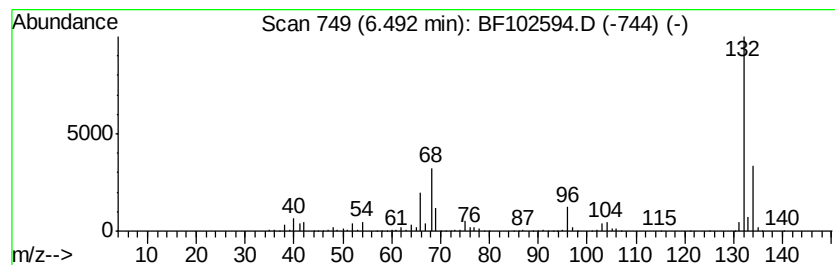
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	38.97 ng	2000250	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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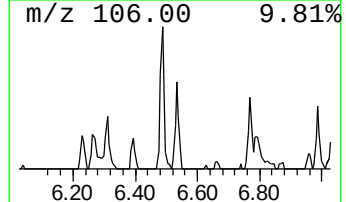
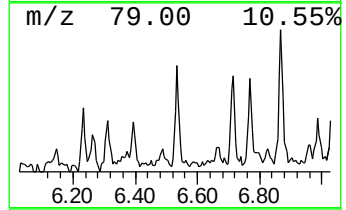
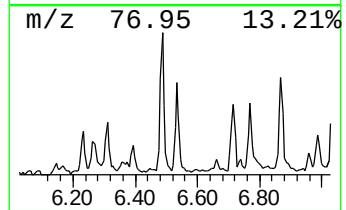
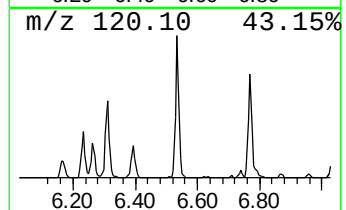
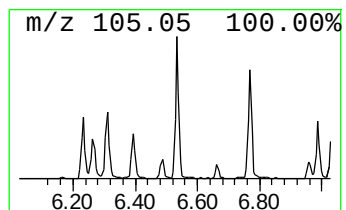
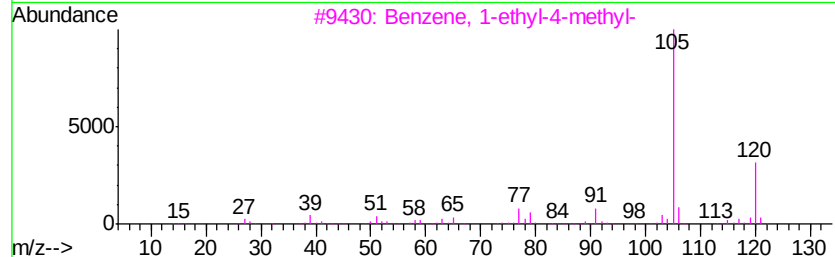
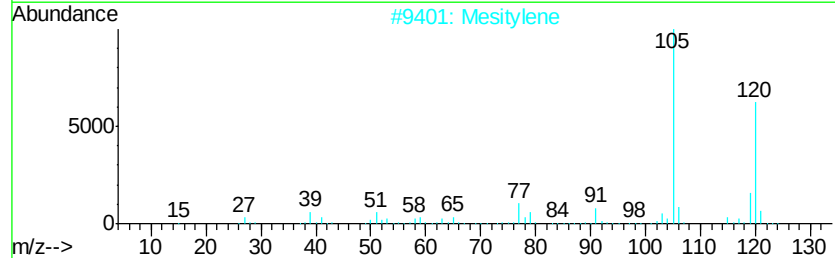
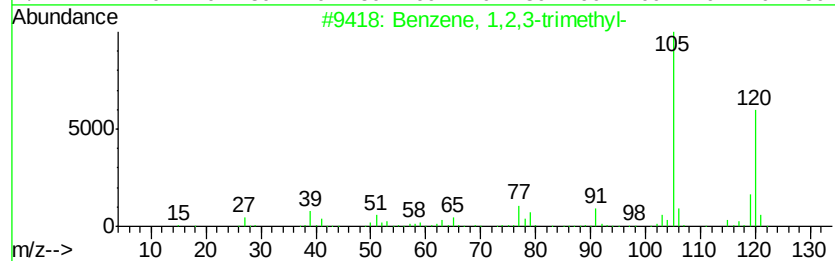
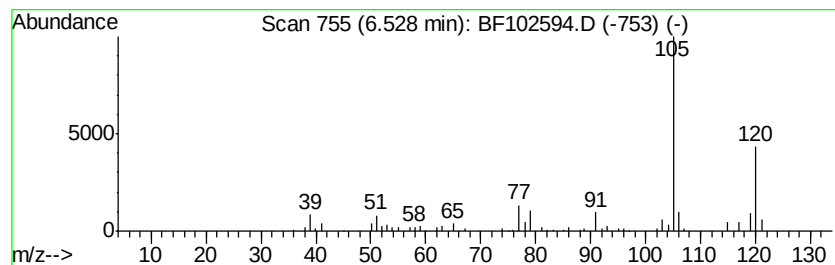
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	5.79 ng	297089	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



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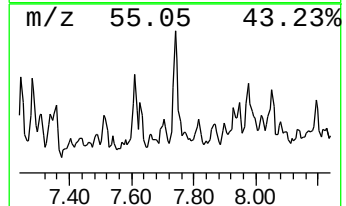
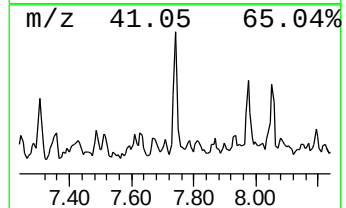
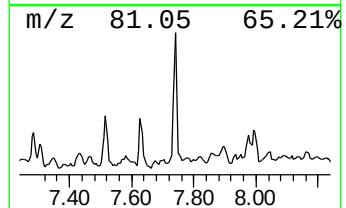
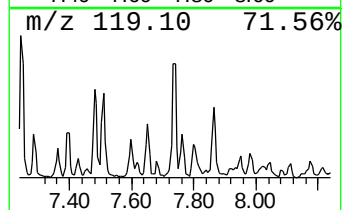
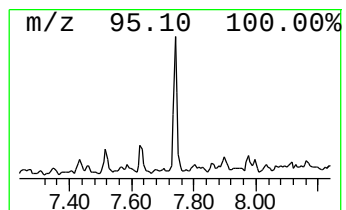
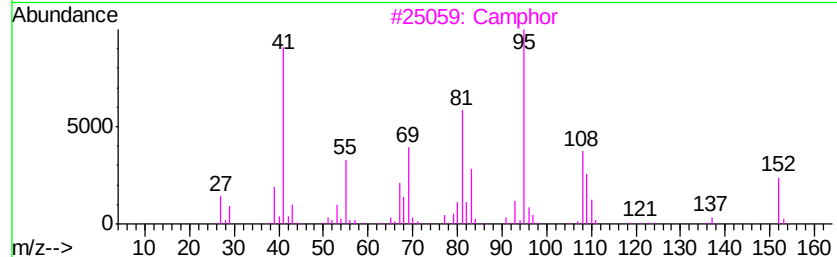
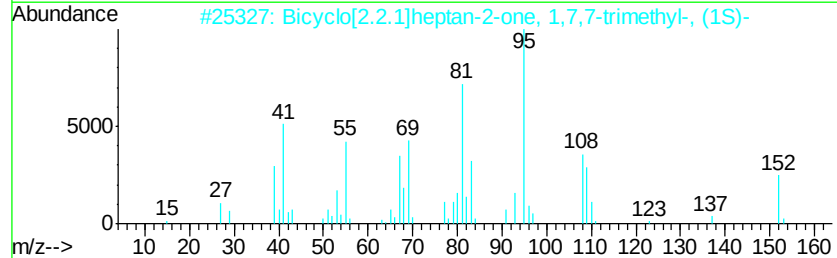
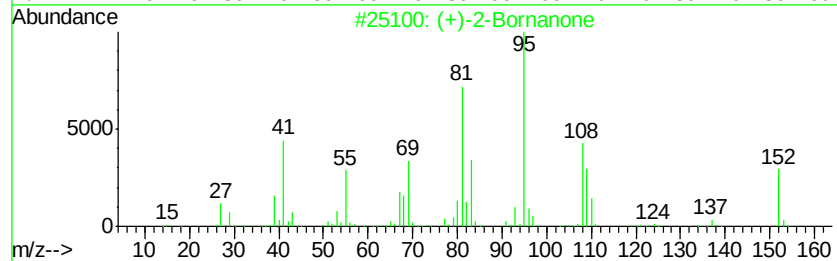
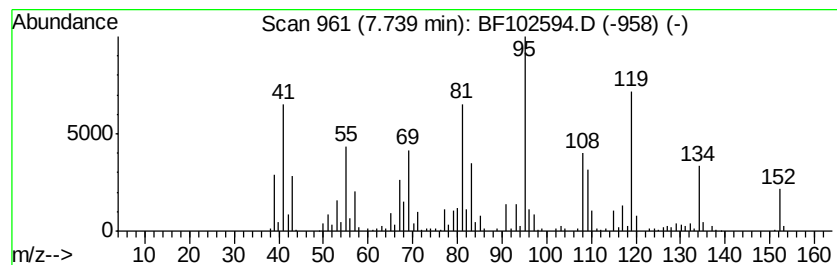
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Peak Number 4 (+)-2-Bornanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.74	7.76 ng	544699	Naphthalene-d8	8.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3		Camphor	152	C10H16O	000076-22-2	96
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25
5		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
Sample : J1257-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19(5-15)

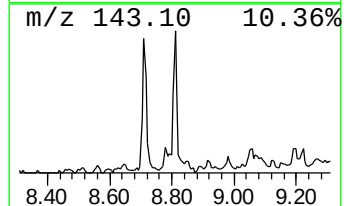
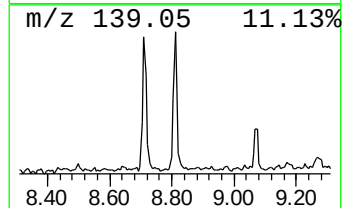
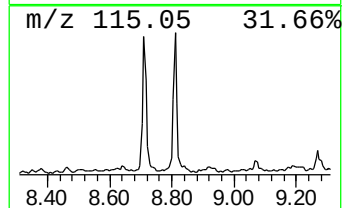
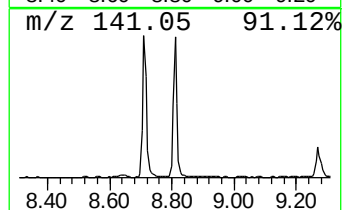
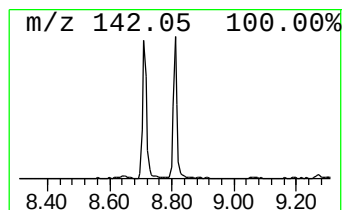
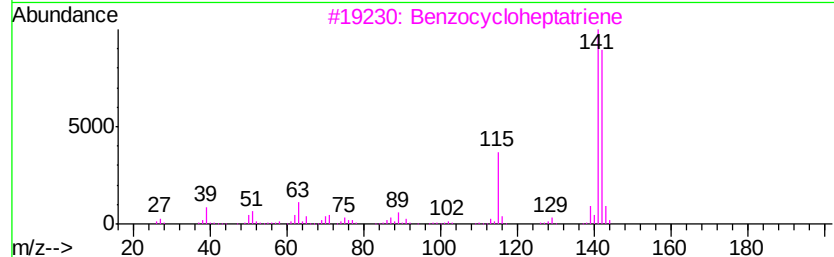
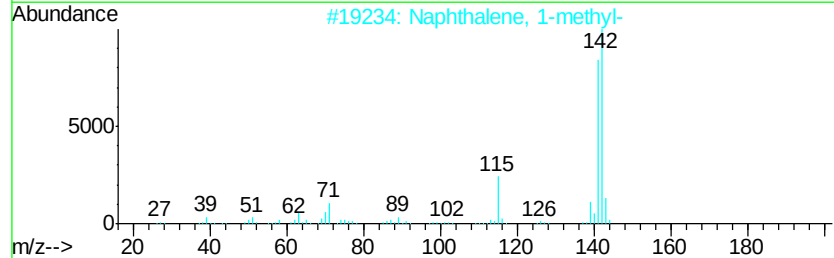
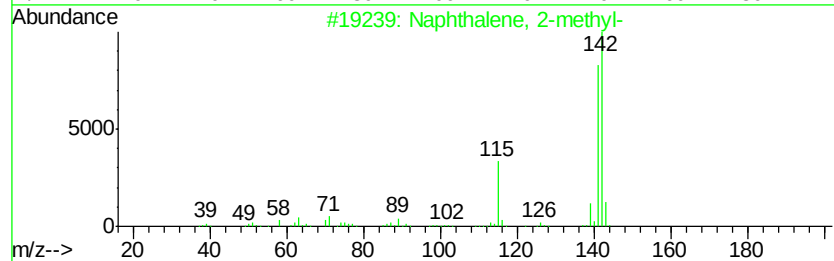
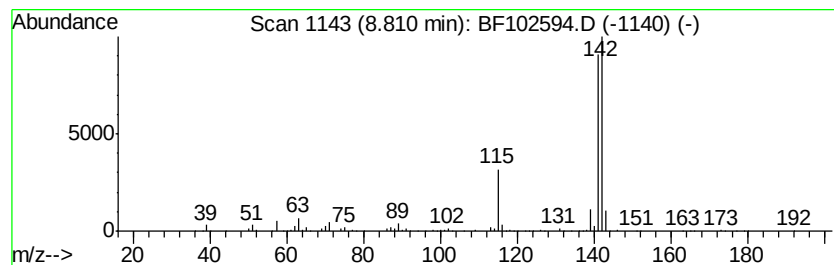
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.97 ng	348906	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
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Sample : J1257-15 2X
Misc :
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Instrument :
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ClientSampleId :
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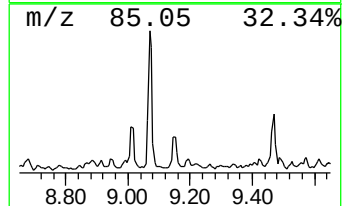
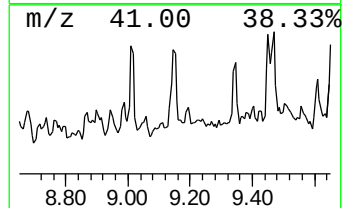
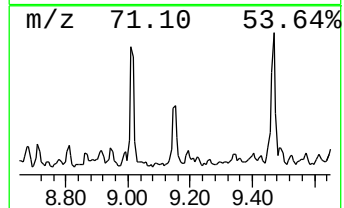
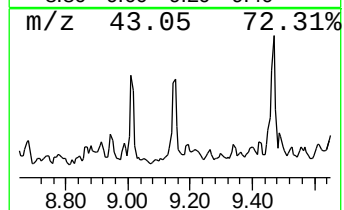
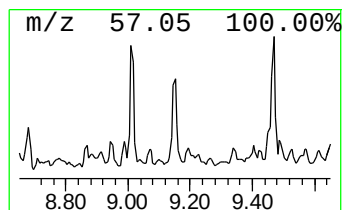
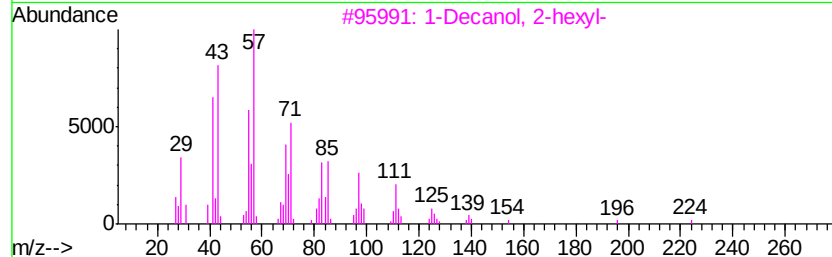
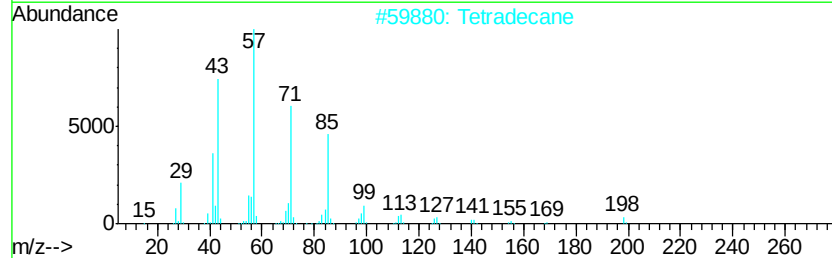
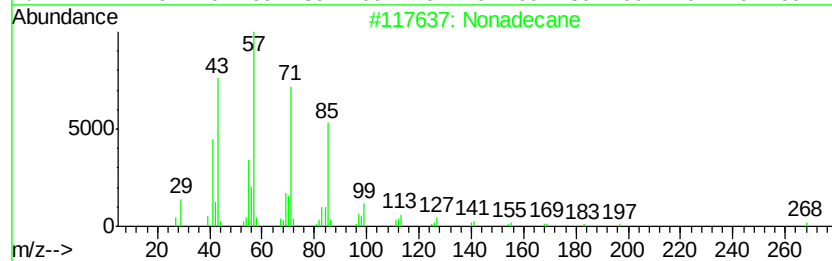
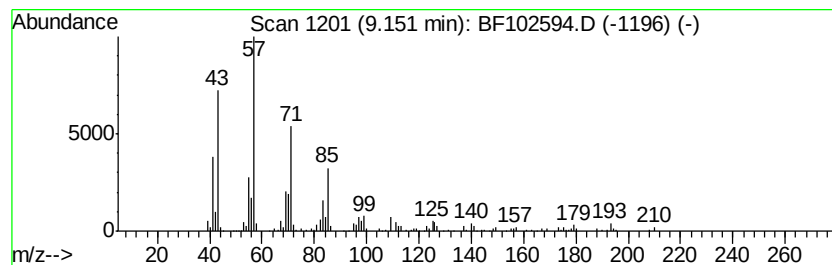
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.15 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	4.64 ng	260286	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	49
2			Tetradecane	198	C14H30	000629-59-4	49
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
4			Tridecane	184	C13H28	000629-50-5	47
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
Sample : J1257-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-19(5-15)

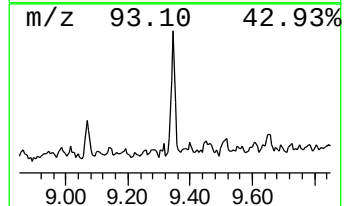
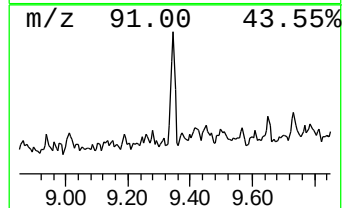
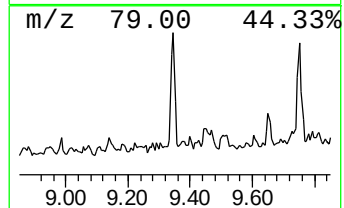
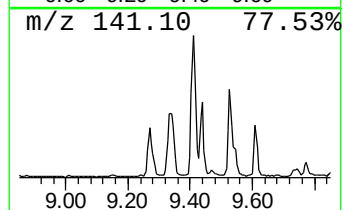
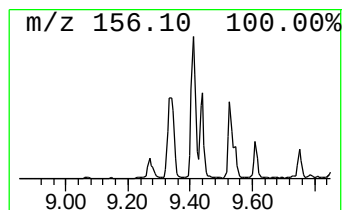
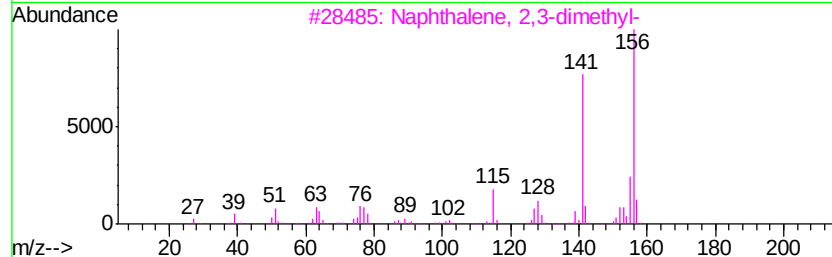
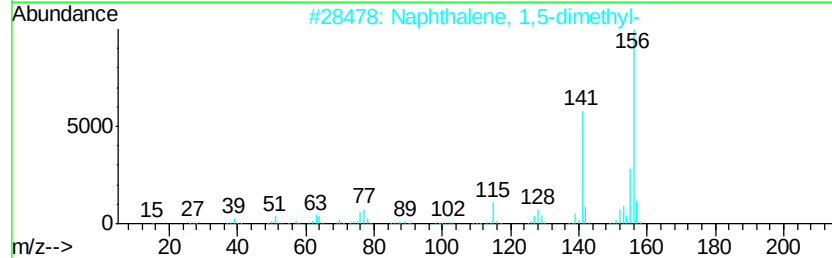
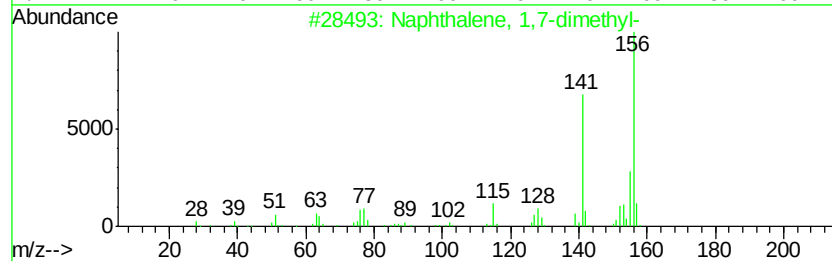
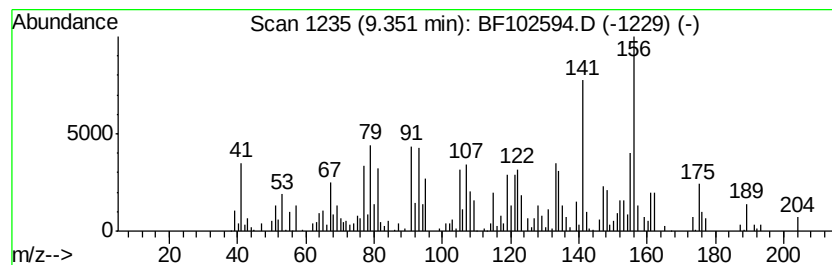
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	9.28 ng	520488	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
Sample : J1257-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-19(5-15)

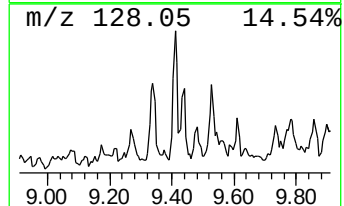
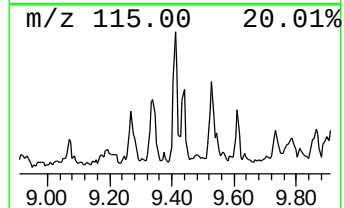
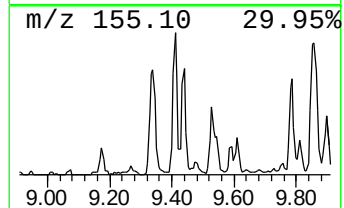
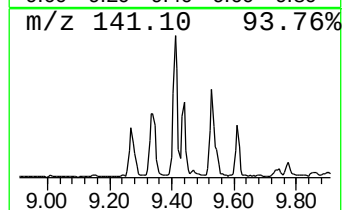
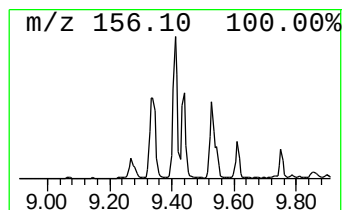
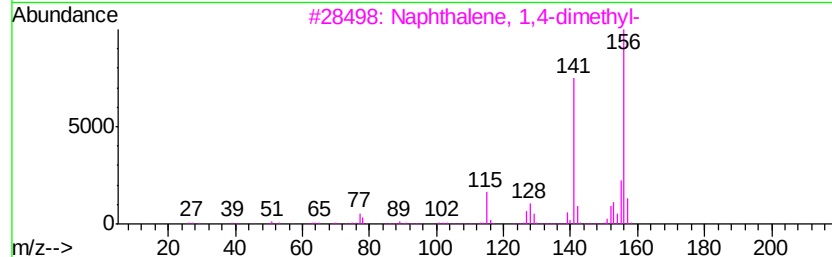
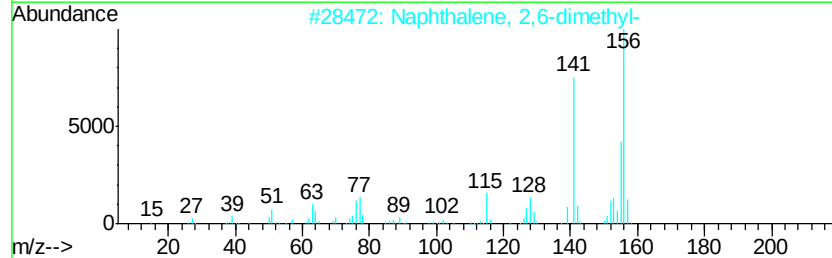
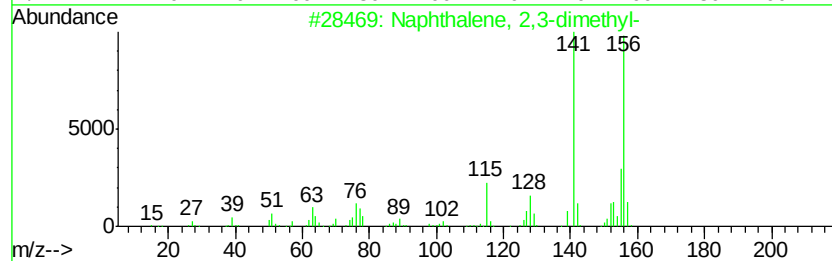
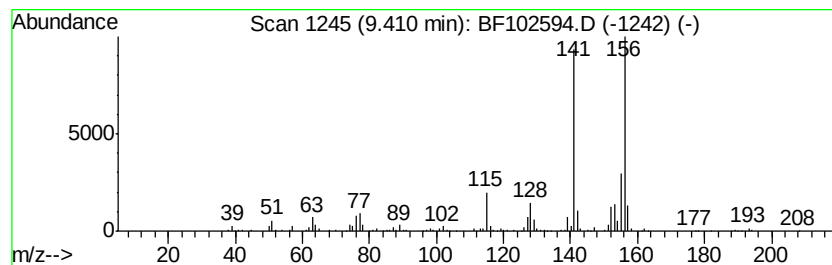
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	7.78 ng	436367	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-19(5-15)

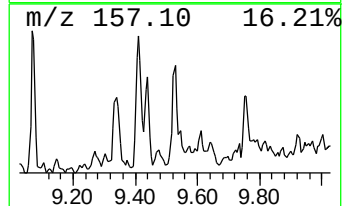
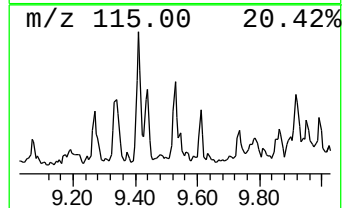
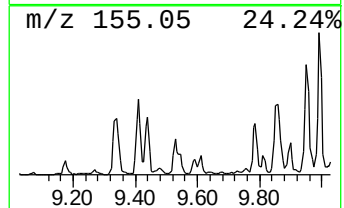
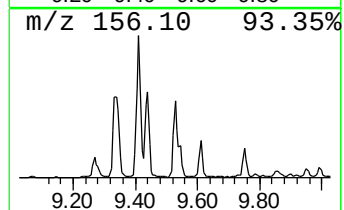
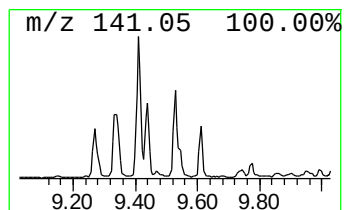
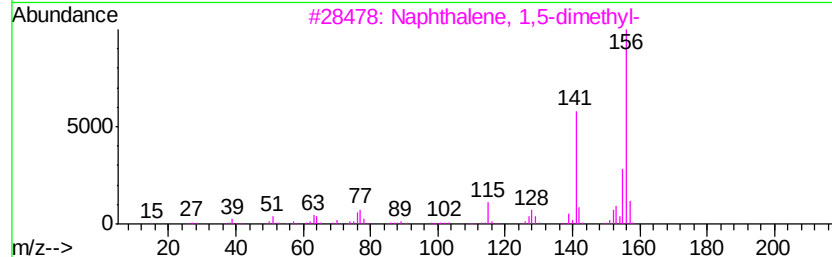
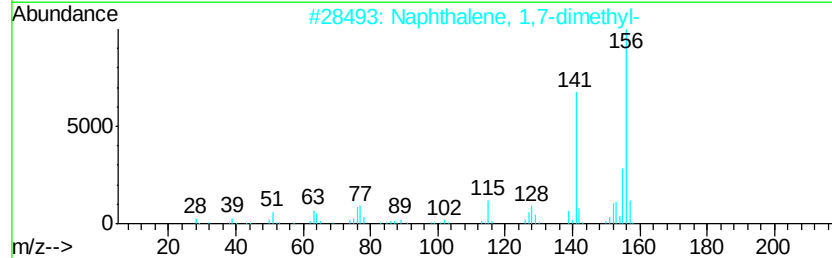
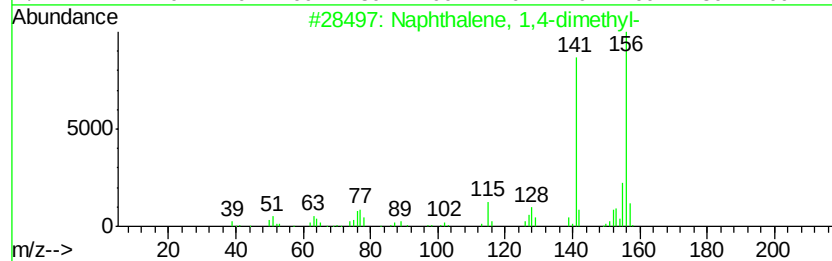
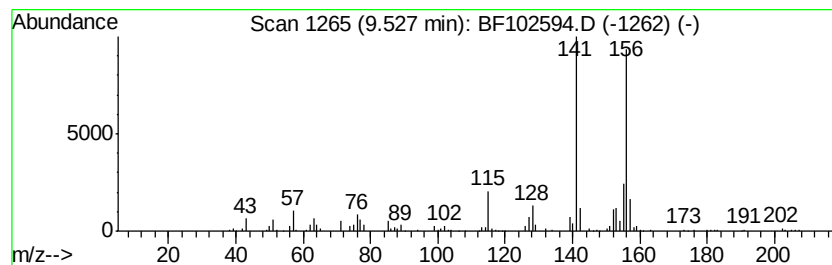
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	6.56 ng	368103	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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Acq On : 29 Jan 2018 13:42
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ClientSampleId :
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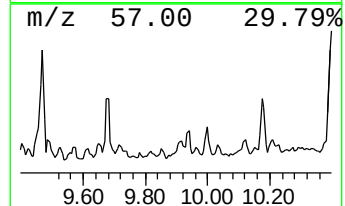
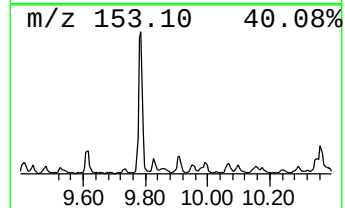
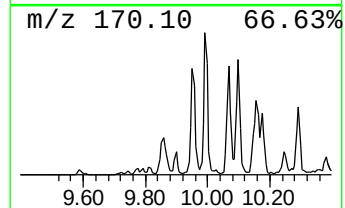
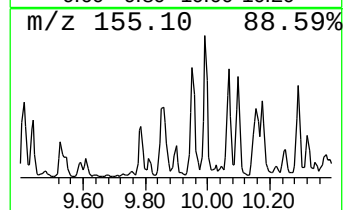
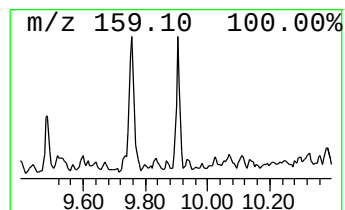
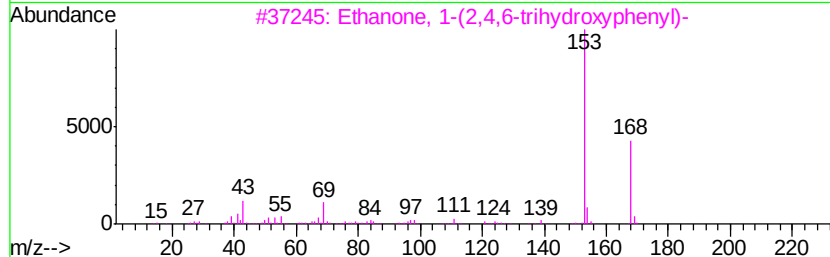
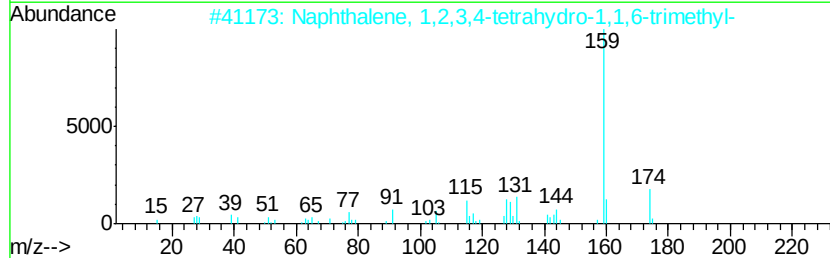
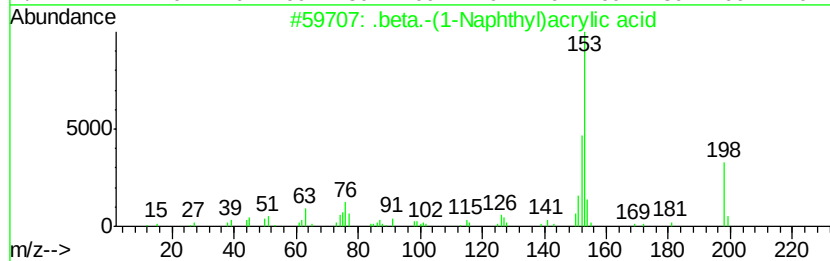
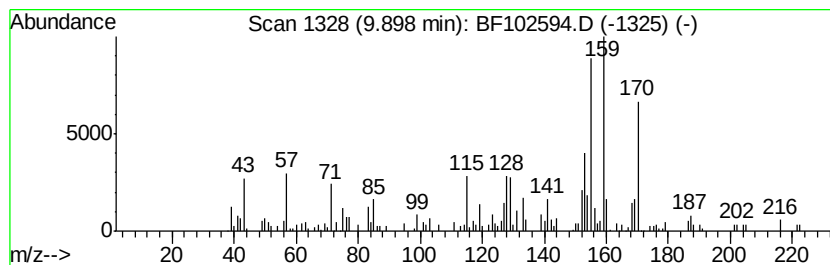
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.90 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	4.37 ng	245268	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	35
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	27
3		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	27
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	27
5		trans-calamenene	202	C15H22	1000374-17-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-19(5-15)

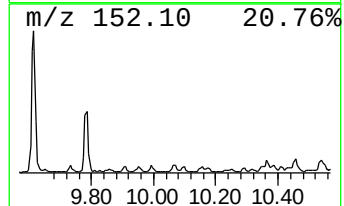
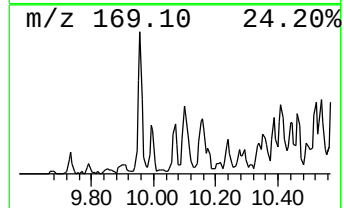
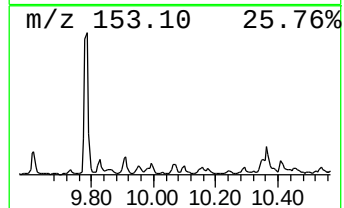
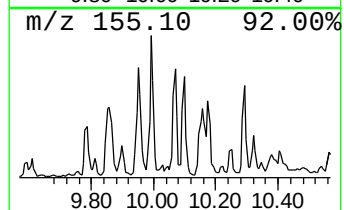
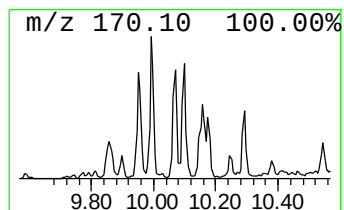
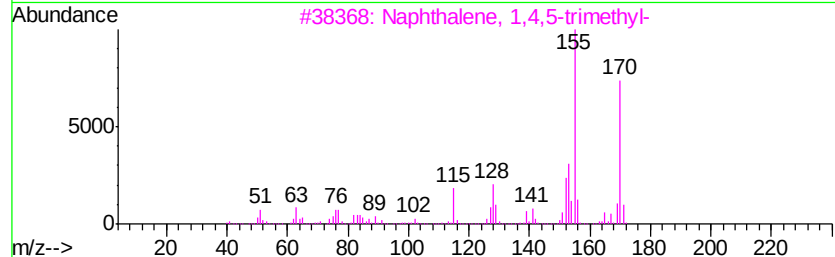
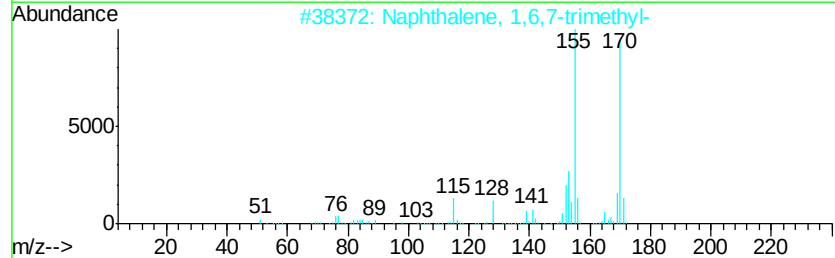
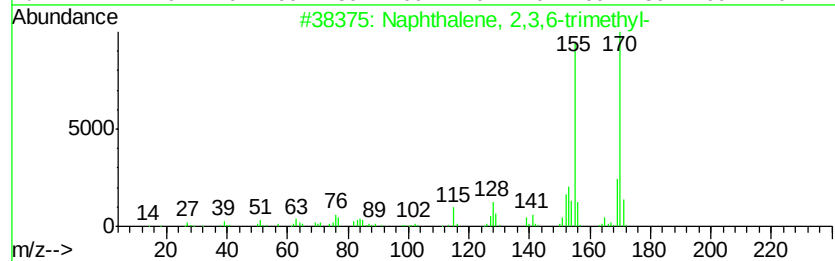
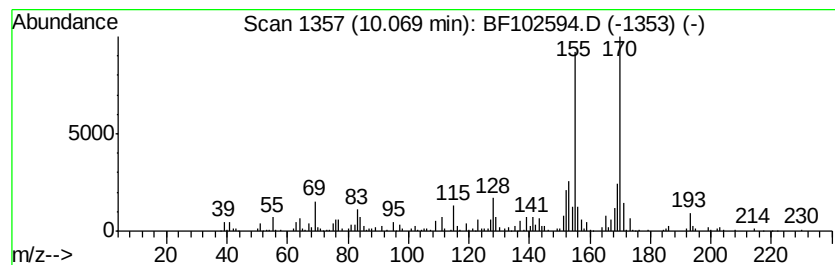
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	5.79 ng	324835	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
Sample : J1257-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19(5-15)

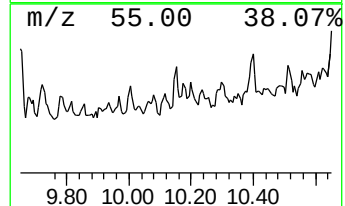
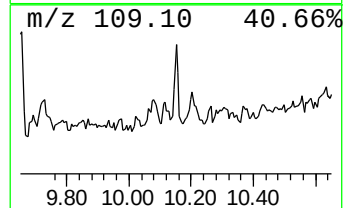
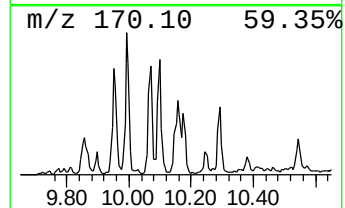
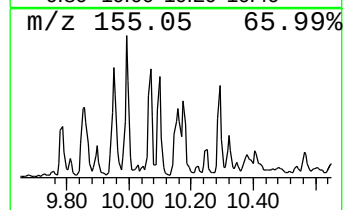
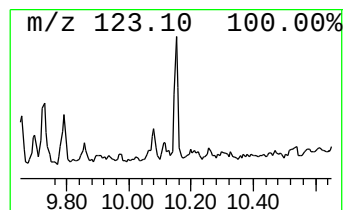
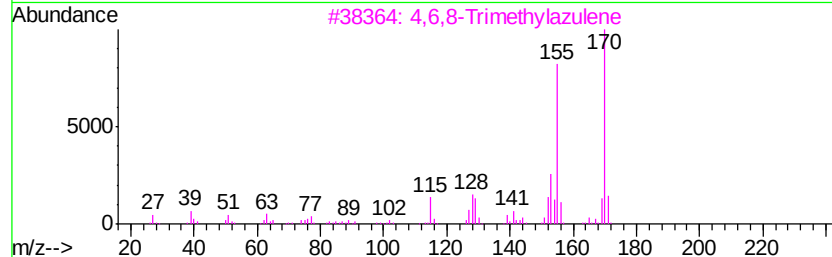
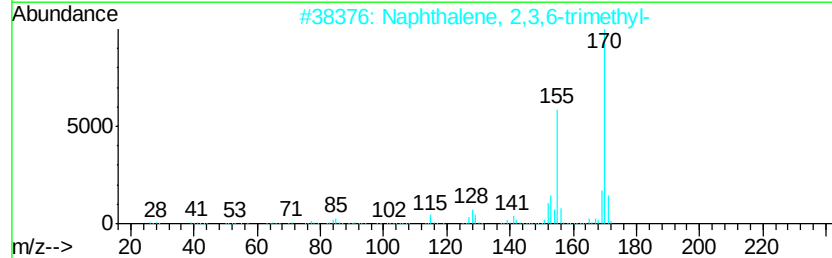
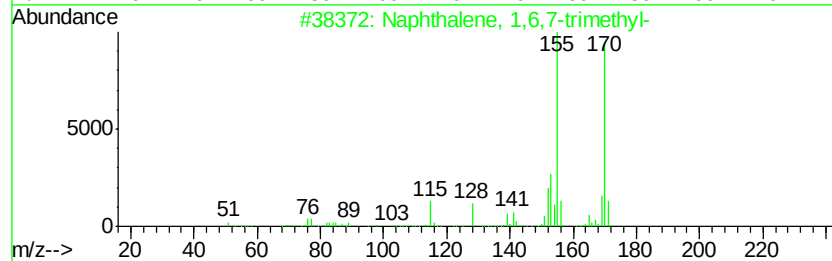
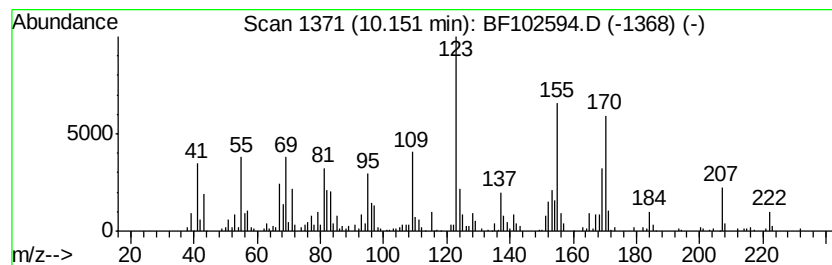
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	6.49 ng	364204	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	42
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-19(5-15)

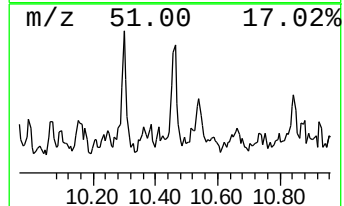
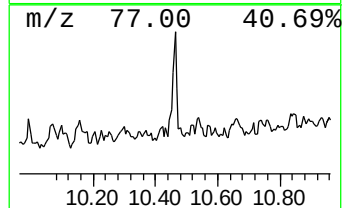
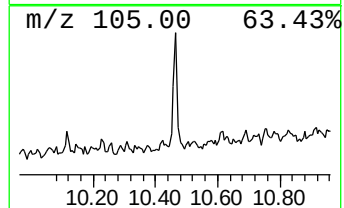
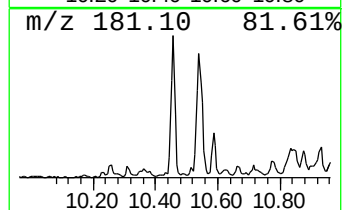
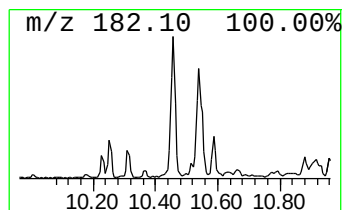
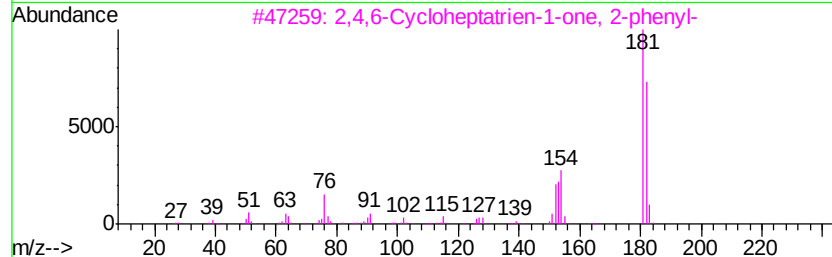
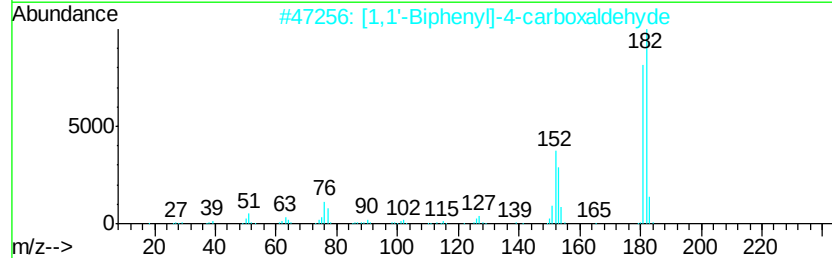
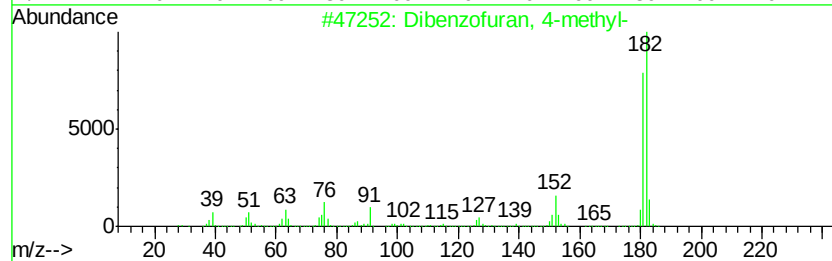
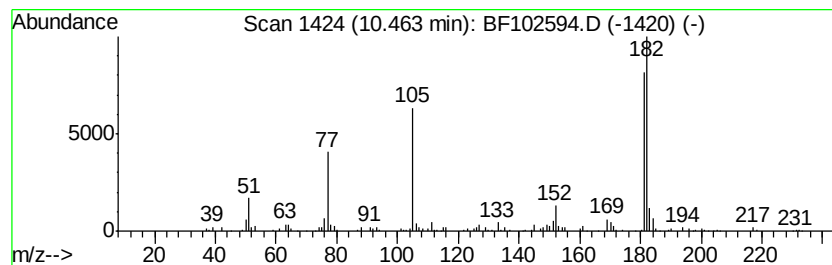
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.88 ng	217327	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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Sample : J1257-15 2X
Misc :
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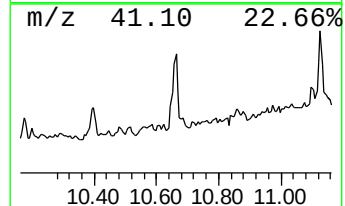
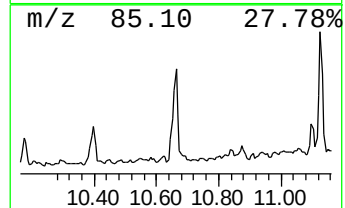
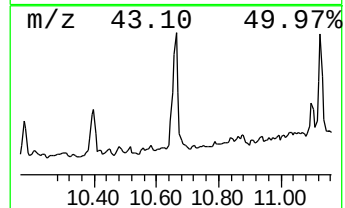
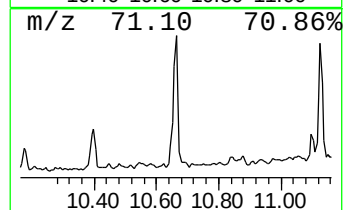
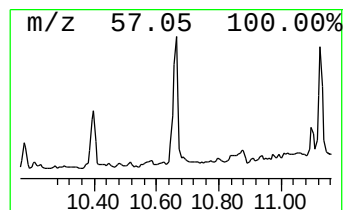
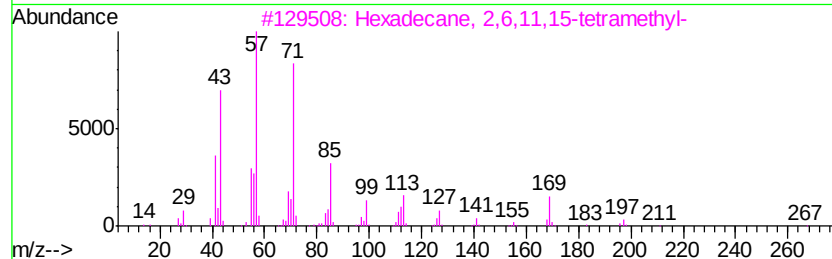
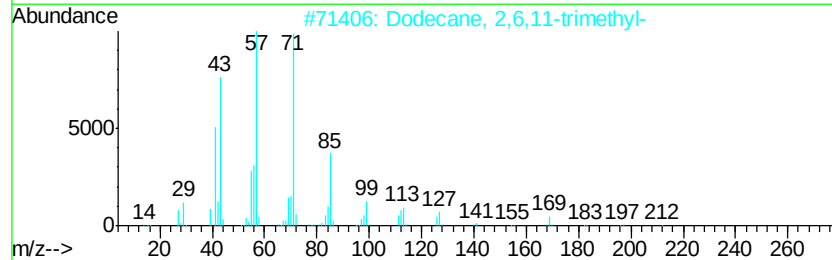
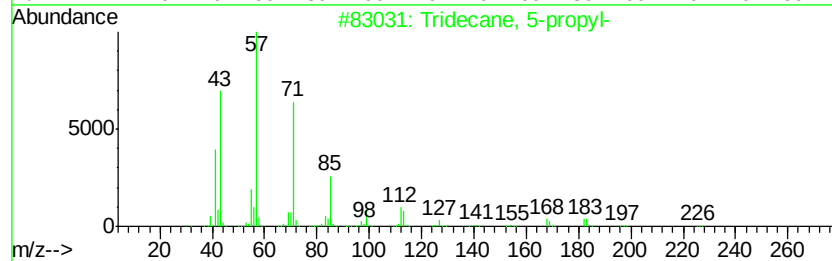
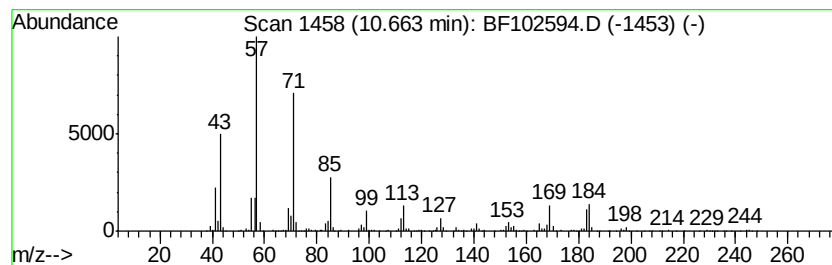
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ClientSampleId :
WC-19(5-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	18.43 ng	869984	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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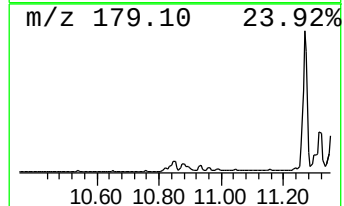
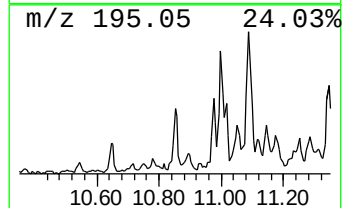
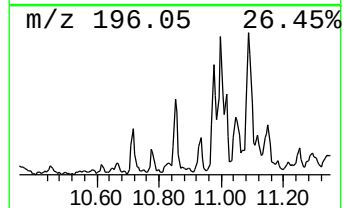
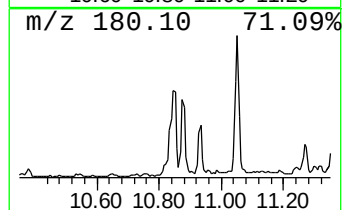
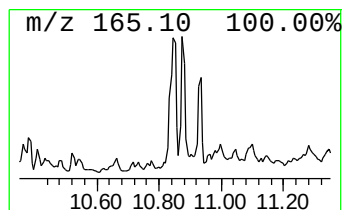
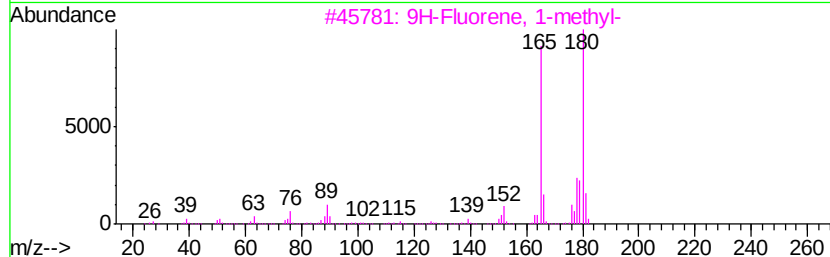
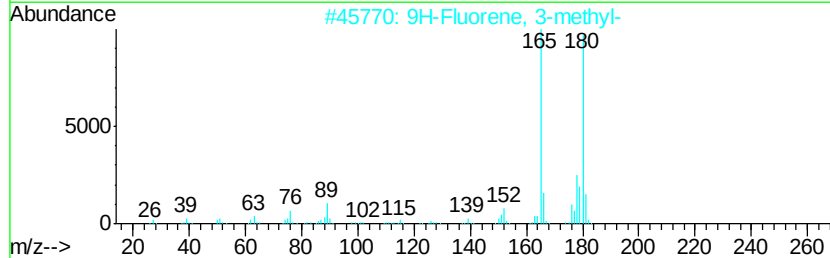
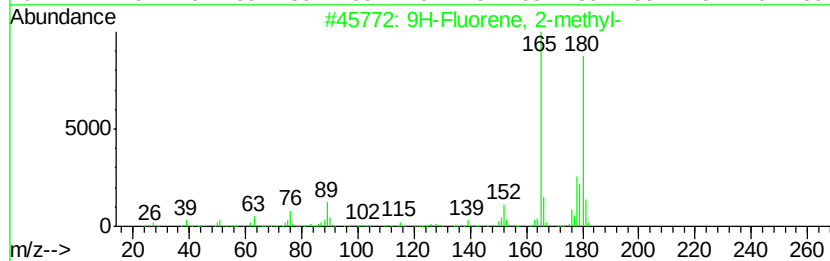
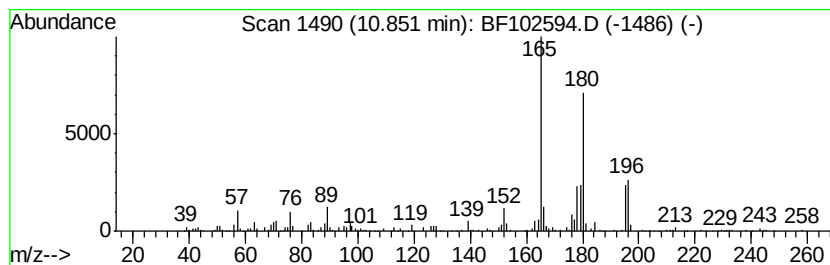
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	6.84 ng	323085	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	53
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
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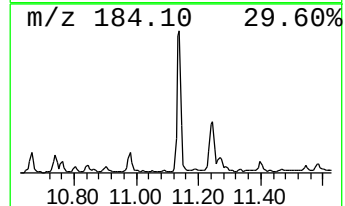
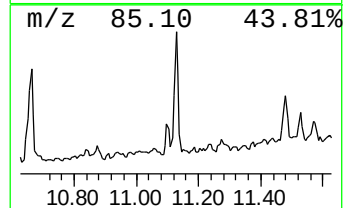
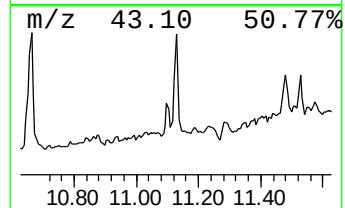
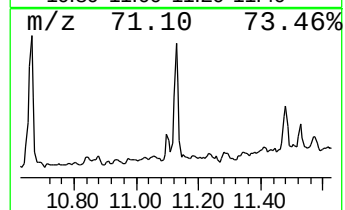
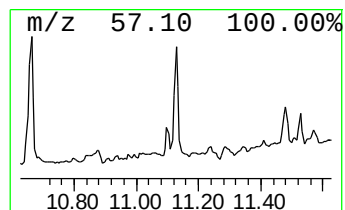
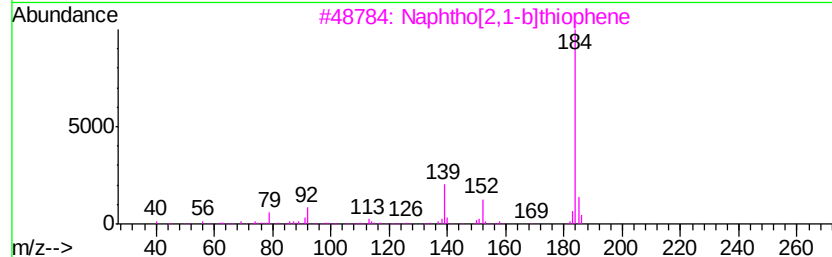
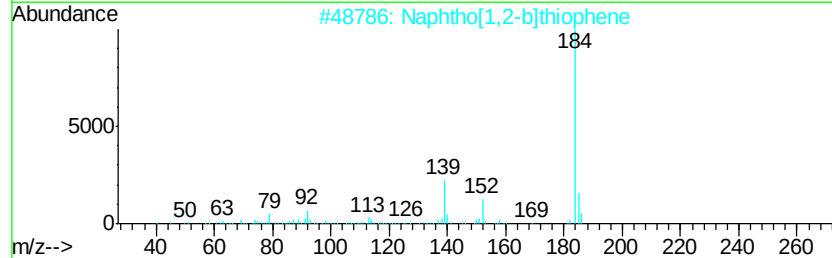
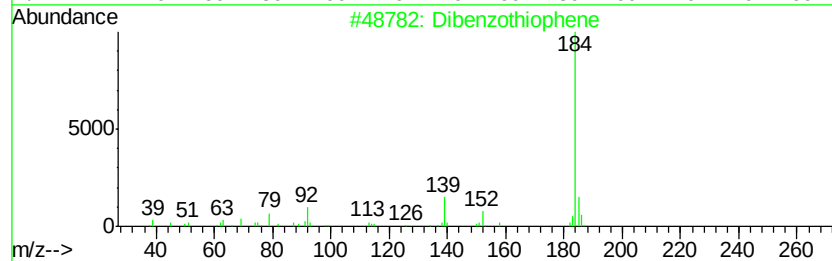
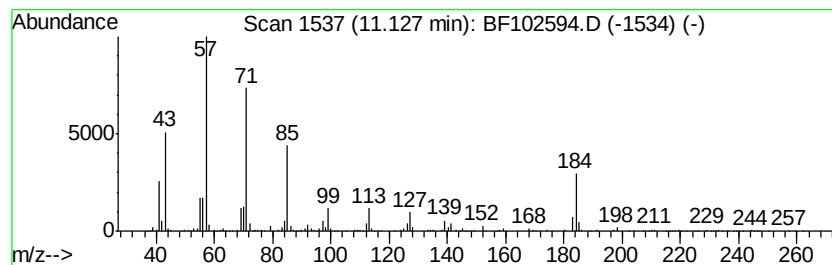
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.13	17.98 ng	849137	Phenanthrene-d10		11.24		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	83
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
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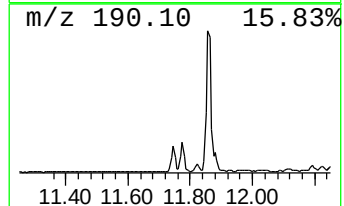
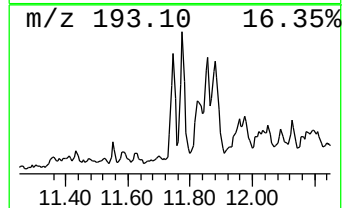
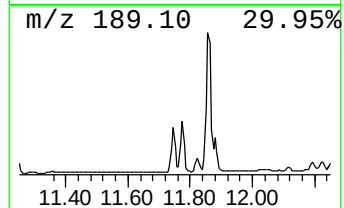
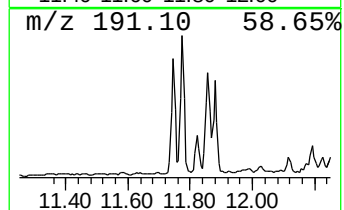
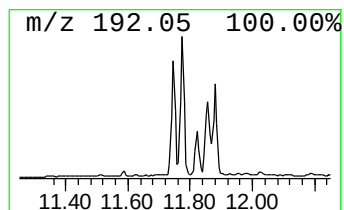
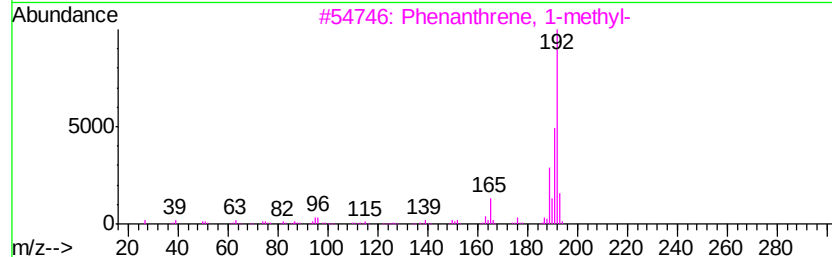
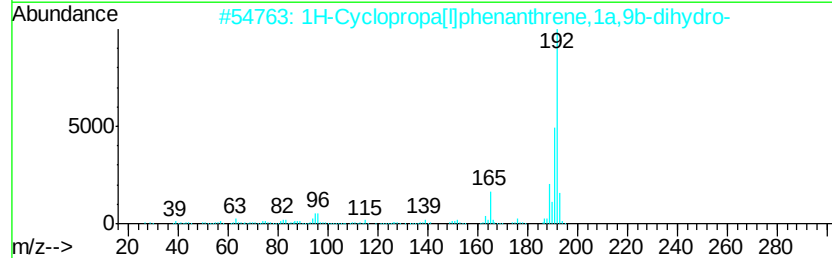
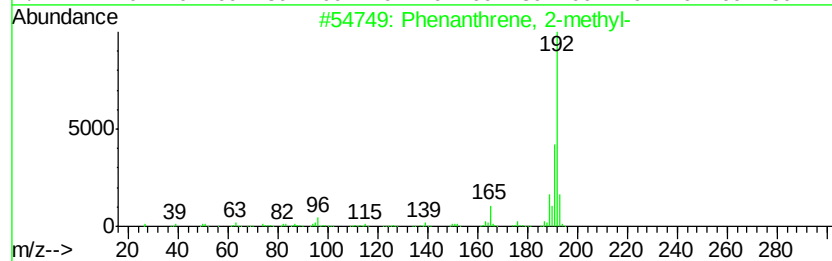
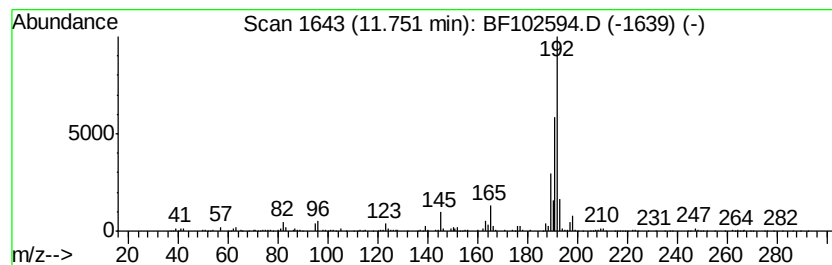
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	14.90 ng	703568	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
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Sample : J1257-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

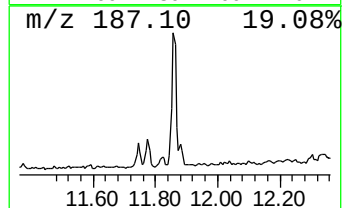
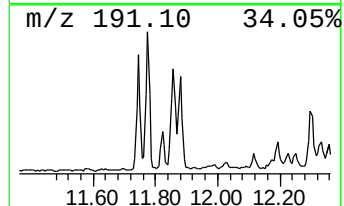
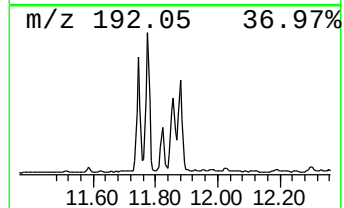
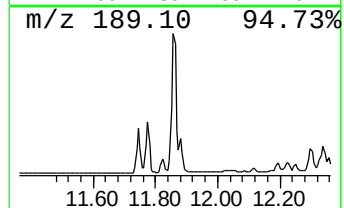
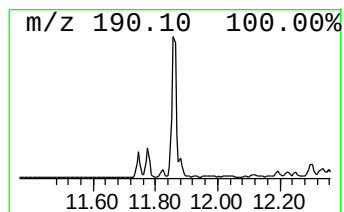
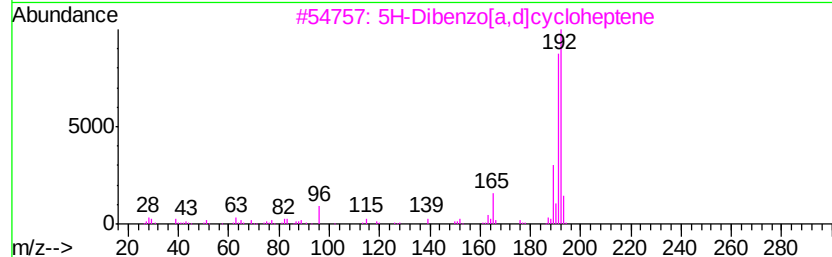
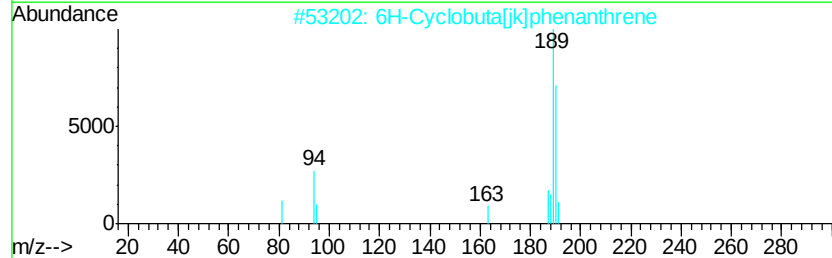
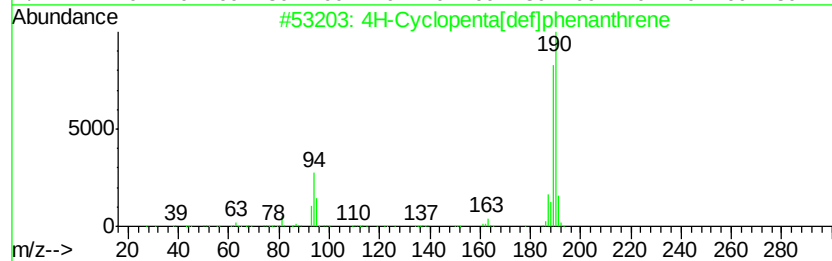
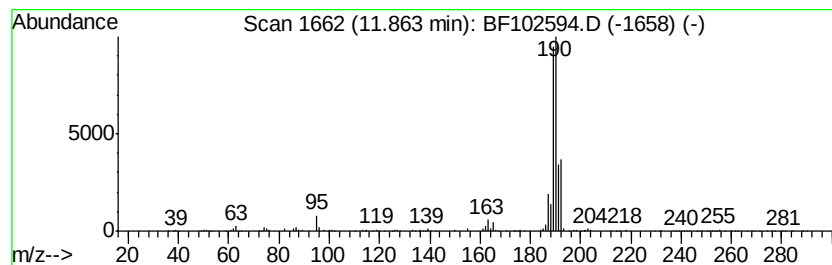
Instrument :
BNA_F
ClientSampleId :
WC-19(5-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	18.87 ng	891204	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102594.D
Acq On : 29 Jan 2018 13:42
Operator : SJ/JU
Sample : J1257-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-19(5-15)

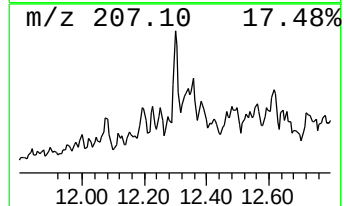
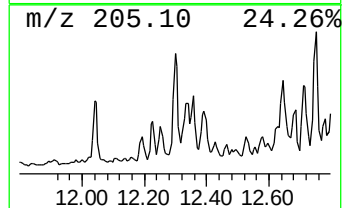
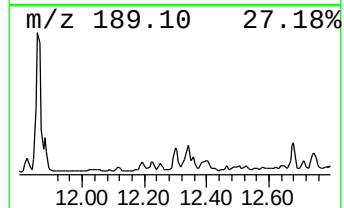
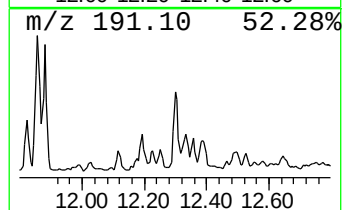
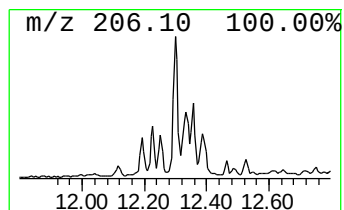
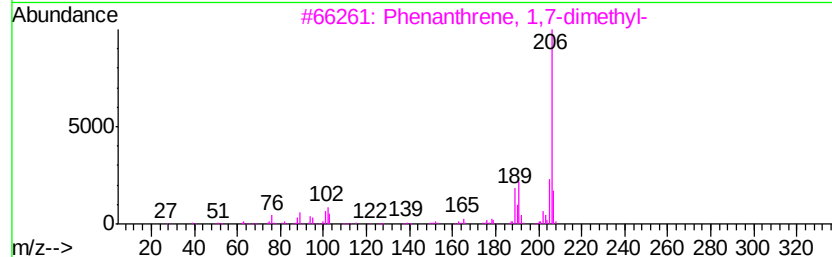
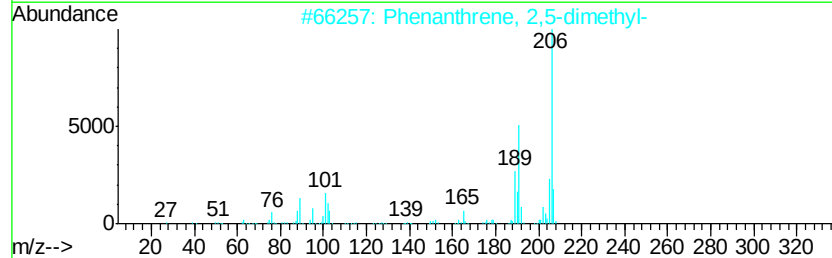
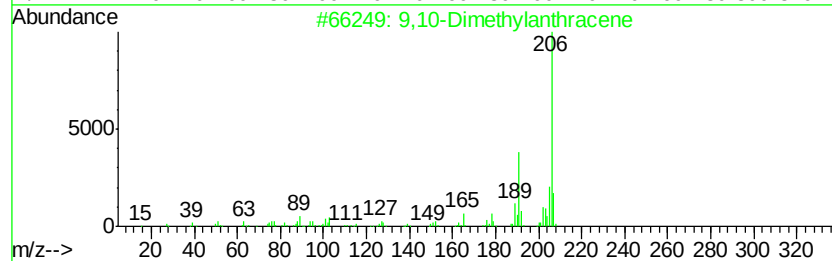
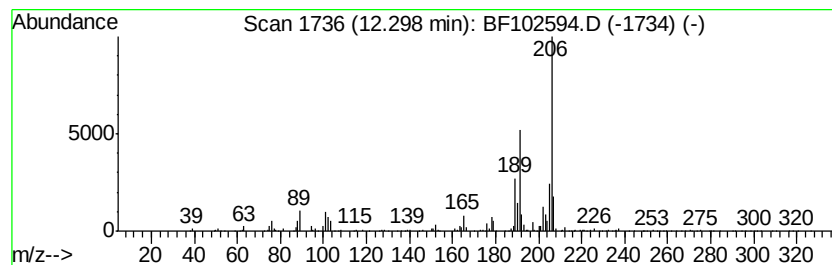
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.08 ng	428684	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102594.D
 Acq On : 29 Jan 2018 13:42
 Operator : SJ/JU
 Sample : J1257-15 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19(5-15)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
unknown6.49	6.49	39.0	ng	2000250	1	6.72	1026640	20.0
Benzene, 1,2,3-tr...	6.53	5.8	ng	297089	1	6.72	1026640	20.0
(+)-2-Bornanone	7.74	7.8	ng	544699	2	8.00	1403180	20.0
Naphthalene, 1-me...	8.81	5.0	ng	348906	2	8.00	1403180	20.0
unknown9.15	9.15	4.6	ng	260286	3	9.75	1121540	20.0
Naphthalene, 1,7-...	9.35	9.3	ng	520488	3	9.75	1121540	20.0
Naphthalene, 2,3-...	9.41	7.8	ng	436367	3	9.75	1121540	20.0
Naphthalene, 1,4-...	9.53	6.6	ng	368103	3	9.75	1121540	20.0
unknown9.90	9.90	4.4	ng	245268	3	9.75	1121540	20.0
Naphthalene, 2,3,...	10.07	5.8	ng	324835	3	9.75	1121540	20.0
Naphthalene, 1,6,...	10.15	6.5	ng	364204	3	9.75	1121540	20.0
Dibenzofuran, 4-m...	10.46	3.9	ng	217327	3	9.75	1121540	20.0
Tridecane, 5-propyl-	10.66	18.4	ng	869984	4	11.24	944340	20.0
9H-Fluorene, 2-me...	10.85	6.8	ng	323085	4	11.24	944340	20.0
Dibenzothiophene	11.13	18.0	ng	849137	4	11.24	944340	20.0
Phenanthrene, 2-m...	11.75	14.9	ng	703568	4	11.24	944340	20.0
4H-Cyclopenta[def...	11.86	18.9	ng	891204	4	11.24	944340	20.0
9,10-Dimethylanthe...	12.30	9.1	ng	428684	4	11.24	944340	20.0