

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096838.D
 Acq On : 18 Jul 2017 10:43
 Operator : SJ/JU
 Sample : I4205-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-TWP01

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-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.198	542	546	553	rBV	1190155	1129669	37.76%	1.922%
2	5.604	609	615	620	rBV3	66659	113229	3.78%	0.193%
3	5.851	654	657	663	rBV3	103269	145584	4.87%	0.248%
4	6.128	700	704	714	rVB	218473	290959	9.73%	0.495%
5	6.240	720	723	727	rVV	968256	890685	29.77%	1.515%
6	6.369	738	745	748	rBV	2510976	2393417	80.00%	4.071%
7	6.598	778	784	788	rVV	774067	778768	26.03%	1.325%
8	6.669	792	796	799	rBV4	100161	175830	5.88%	0.299%
9	6.757	804	811	816	rVV	2113645	2279753	76.20%	3.878%
10	6.875	828	831	837	rVB3	158819	218863	7.32%	0.372%
11	6.998	848	852	854	rBV2	224330	200922	6.72%	0.342%
12	7.028	854	857	860	rBV2	91599	106630	3.56%	0.181%
13	7.163	870	880	883	rBV	1652490	1864273	62.31%	3.171%
14	7.216	883	889	891	rVB3	117074	197793	6.61%	0.336%
15	7.251	891	895	899	rBV5	195239	324890	10.86%	0.553%
16	7.292	899	902	906	rBV2	162095	213443	7.13%	0.363%
17	7.322	906	907	911	rVB2	118266	100754	3.37%	0.171%
18	7.363	911	914	915	rBV3	152281	153901	5.14%	0.262%
19	7.375	915	916	919	rVB2	184371	126578	4.23%	0.215%
20	7.410	919	922	926	rVB3	307471	360979	12.07%	0.614%
21	7.451	926	929	931	rBV	181773	181942	6.08%	0.309%
22	7.504	935	938	939	rBV2	107523	108628	3.63%	0.185%
23	7.528	939	942	948	rVB5	275701	483717	16.17%	0.823%
24	7.575	948	950	952	rBV3	133051	123073	4.11%	0.209%
25	7.651	961	963	969	rVB4	128860	186791	6.24%	0.318%
26	7.722	972	975	978	rVB	190379	214904	7.18%	0.366%
27	7.757	978	981	983	rBV3	96997	117734	3.94%	0.200%
28	7.786	983	986	990	rVB3	197464	215844	7.21%	0.367%
29	7.828	990	993	996	rBV4	119499	140893	4.71%	0.240%
30	7.881	998	1002	1005	rBV	1178440	1117374	37.35%	1.901%
31	7.910	1005	1007	1009	rBV2	196339	185239	6.19%	0.315%
32	7.934	1009	1011	1014	rVB	413276	351342	11.74%	0.598%
33	7.969	1014	1017	1019	rVB	436882	316724	10.59%	0.539%
34	8.016	1023	1025	1028	rVB2	269491	269717	9.02%	0.459%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.063	1028	1033	1035	rBV3	293188	439240	14.68%	0.747%
36	8.098	1037	1039	1043	rVB2	328377	282297	9.44%	0.480%
37	8.181	1049	1053	1057	rVB4	353835	481750	16.10%	0.819%
38	8.222	1057	1060	1062	rBV	214173	235815	7.88%	0.401%
39	8.251	1062	1065	1066	rBV3	106805	122458	4.09%	0.208%
40	8.328	1074	1078	1082	rBV2	1212728	1555490	51.99%	2.646%
41	8.439	1092	1097	1101	rBV3	332525	554457	18.53%	0.943%
42	8.492	1103	1106	1111	rBV6	215848	440981	14.74%	0.750%
43	8.581	1118	1121	1125	rVB4	662630	925428	30.93%	1.574%
44	8.633	1125	1130	1133	rBV4	302375	514834	17.21%	0.876%
45	8.692	1137	1140	1144	rVV4	511502	720925	24.10%	1.226%
46	8.733	1144	1147	1150	rVB3	200436	226621	7.57%	0.385%
47	8.804	1157	1159	1162	rVB3	213323	185273	6.19%	0.315%
48	8.881	1168	1172	1174	rVB4	267639	351449	11.75%	0.598%
49	8.928	1174	1180	1182	rBV	1544352	1716738	57.38%	2.920%
50	8.963	1182	1186	1189	rVB	2528549	2522293	84.31%	4.290%
51	9.057	1197	1202	1206	rBV5	461172	968326	32.37%	1.647%
52	9.104	1208	1210	1214	rVV2	512176	638949	21.36%	1.087%
53	9.169	1218	1221	1225	rVB3	491200	536171	17.92%	0.912%
54	9.222	1225	1230	1232	rBV3	375130	607767	20.31%	1.034%
55	9.298	1240	1243	1245	rBV2	286362	242738	8.11%	0.413%
56	9.351	1249	1252	1254	rVV2	365503	294426	9.84%	0.501%
57	9.380	1254	1257	1259	rBV	1764512	1417023	47.36%	2.410%
58	9.410	1259	1262	1264	rBV2	451337	388926	13.00%	0.662%
59	9.486	1273	1275	1277	rBV3	262680	266245	8.90%	0.453%
60	9.551	1284	1286	1289	rVB2	605151	555566	18.57%	0.945%
61	9.586	1289	1292	1295	rBV2	352844	362767	12.13%	0.617%
62	9.633	1295	1300	1303	rBV3	1221843	1555674	52.00%	2.646%
63	9.910	1344	1347	1350	rBV3	749807	666498	22.28%	1.134%
64	9.957	1351	1355	1361	rVB	1052033	1376997	46.03%	2.342%
65	10.033	1361	1368	1371	rBV5	709802	1476280	49.34%	2.511%
66	10.175	1389	1392	1395	rVB2	601889	498017	16.65%	0.847%
67	10.204	1395	1397	1399	rBV2	255683	250246	8.36%	0.426%
68	10.245	1401	1404	1406	rVB2	615156	535639	17.90%	0.911%
69	10.310	1410	1415	1417	rVB2	1353184	1571941	52.54%	2.674%
70	10.339	1417	1420	1421	rBV2	272281	259892	8.69%	0.442%
71	10.422	1430	1434	1438	rVB5	1337613	1708988	57.12%	2.907%

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72	10.463	1438	1441	1443	rVV3	374833	390667	13.06%	0.665%
73	10.527	1447	1452	1454	rBV4	216818	447081	14.94%	0.760%
74	10.575	1454	1460	1464	rVV	2442308	2991808	100.00%	5.089%
75	10.622	1466	1468	1470	rVV	539745	428721	14.33%	0.729%
76	10.645	1470	1472	1477	rVB3	234980	260011	8.69%	0.442%
77	10.757	1488	1491	1493	rBV2	649689	662722	22.15%	1.127%
78	10.780	1493	1495	1498	rVB2	325637	256882	8.59%	0.437%
79	10.969	1525	1527	1530	rVB3	223798	201553	6.74%	0.343%
80	11.004	1531	1533	1535	rVV2	330885	340677	11.39%	0.580%
81	11.033	1535	1538	1544	rVB	1312220	1414412	47.28%	2.406%
82	11.080	1544	1546	1548	rBV3	147060	170369	5.69%	0.290%
83	11.110	1548	1551	1554	rVB	852218	693312	23.17%	1.179%
84	11.139	1554	1556	1559	rBV4	177013	198540	6.64%	0.338%
85	11.227	1568	1571	1574	rBV3	180522	271733	9.08%	0.462%
86	11.374	1594	1596	1602	rVB2	339242	400257	13.38%	0.681%
87	11.439	1602	1607	1610	rVV3	375556	528108	17.65%	0.898%
88	11.469	1610	1612	1617	rVV4	253153	290031	9.69%	0.493%
89	11.516	1617	1620	1627	rVB3	224573	363814	12.16%	0.619%
90	11.610	1633	1636	1639	rBV3	170325	219243	7.33%	0.373%
91	11.739	1656	1658	1661	rVB	197933	152993	5.11%	0.260%
92	11.839	1671	1675	1678	rBV2	144246	189718	6.34%	0.323%
93	12.027	1705	1707	1709	rBV3	110674	116083	3.88%	0.197%
94	12.080	1714	1716	1718	rVV2	92618	117480	3.93%	0.200%
95	12.104	1718	1720	1725	rVV2	188446	182627	6.10%	0.311%
96	12.157	1725	1729	1732	rVV2	196692	261920	8.75%	0.446%
97	12.433	1773	1776	1780	rVB2	116460	101805	3.40%	0.173%
98	12.692	1815	1820	1823	rVB	2322546	2328950	77.84%	3.962%
99	13.727	1991	1996	1999	rBV	795142	752002	25.14%	1.279%
100	15.092	2224	2228	2232	rBV	447208	518426	17.33%	0.882%

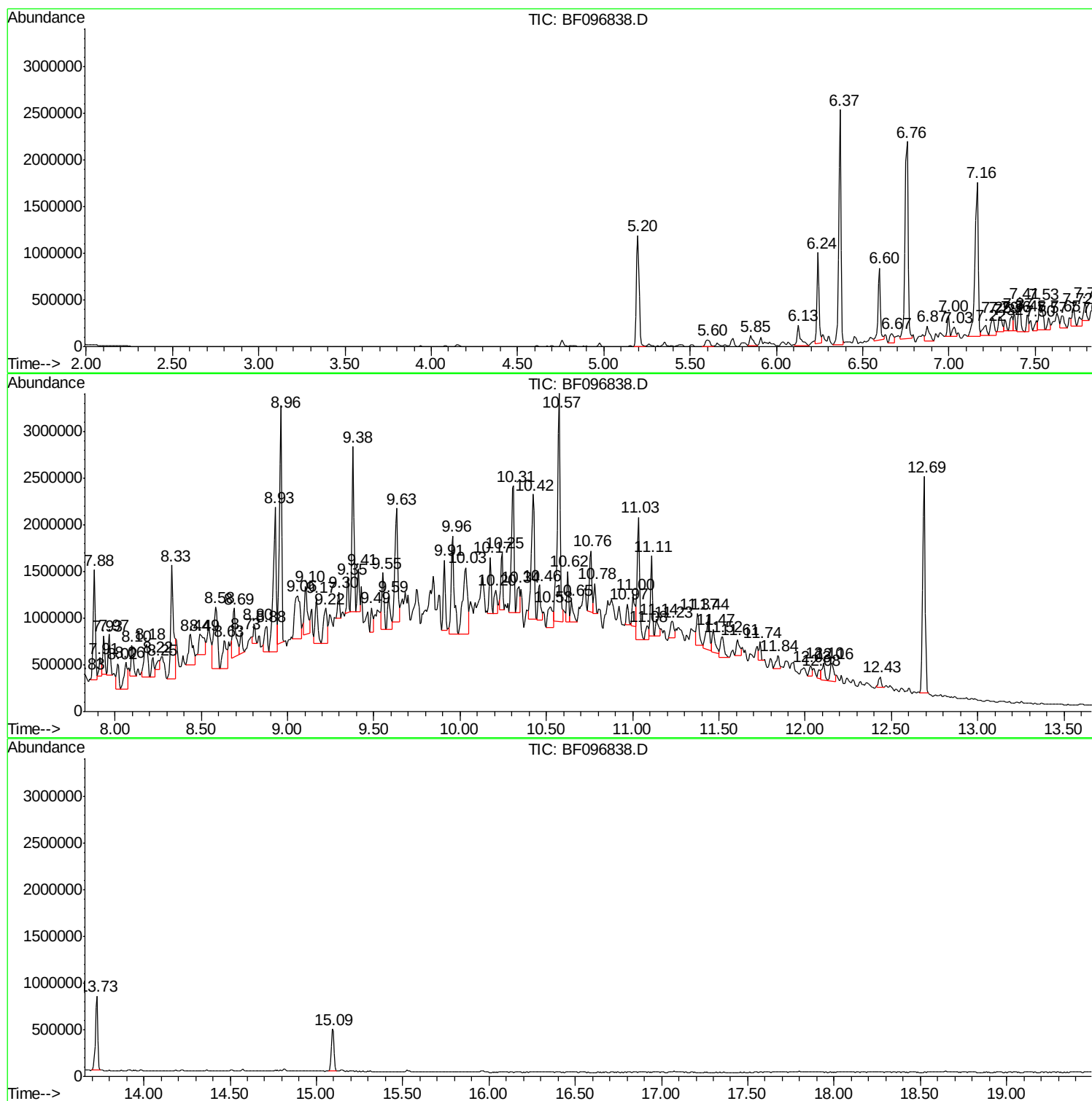
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
NB-TWP01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.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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Instrument :
BNA_F
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NB-TWP01

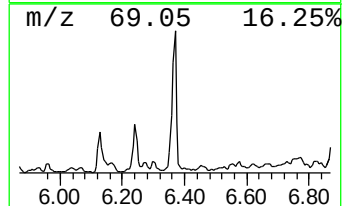
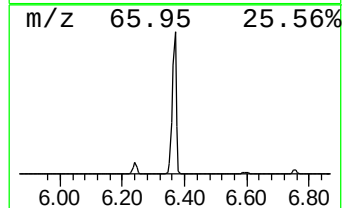
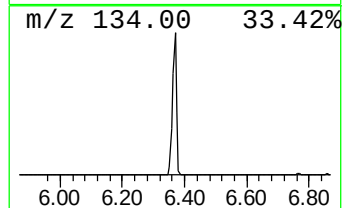
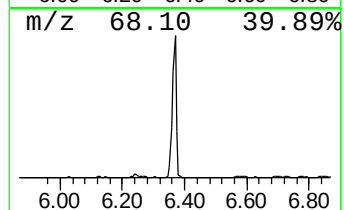
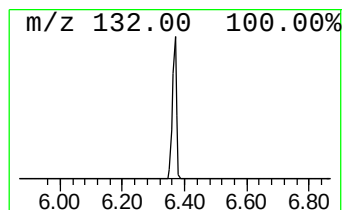
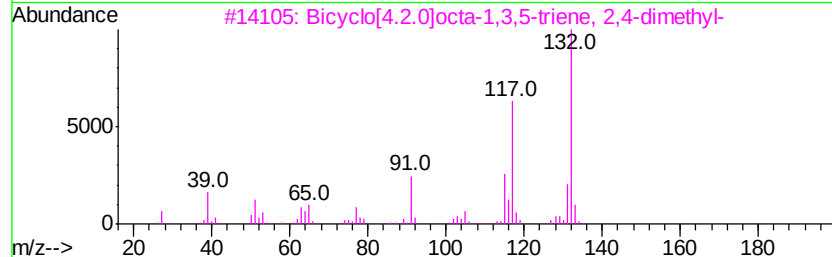
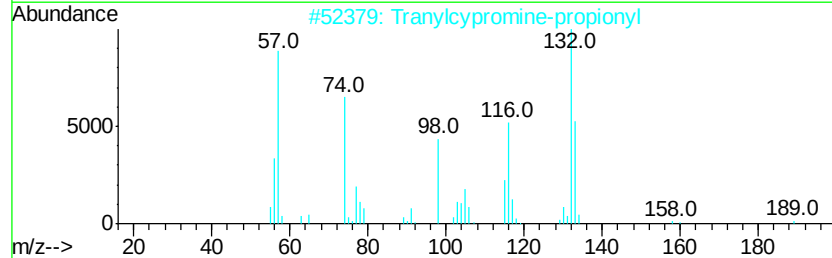
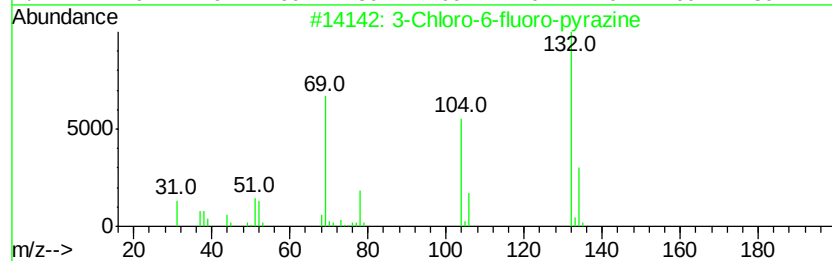
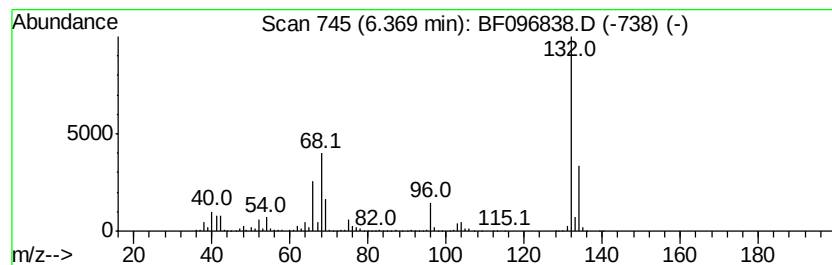
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	61.47 ng	2393420	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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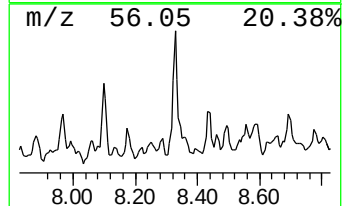
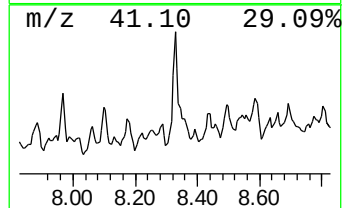
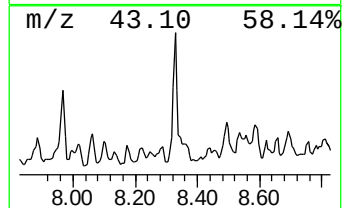
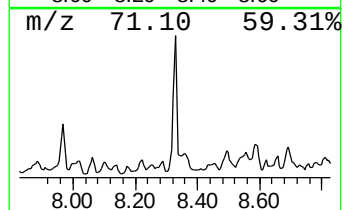
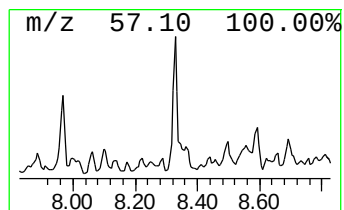
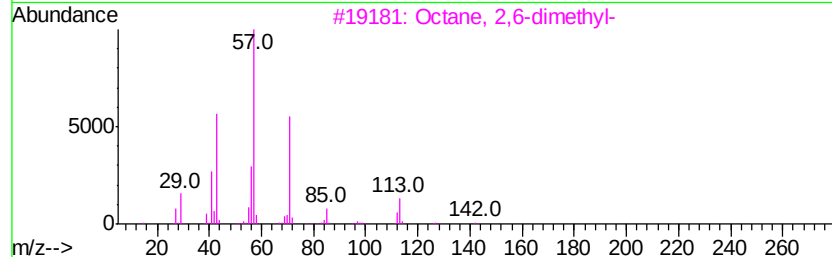
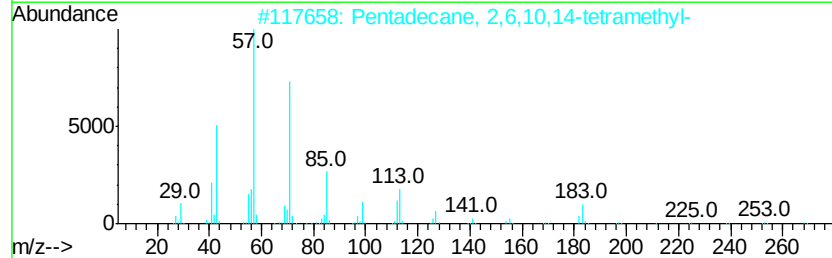
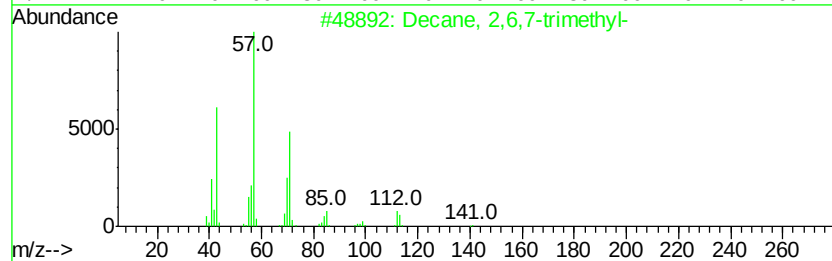
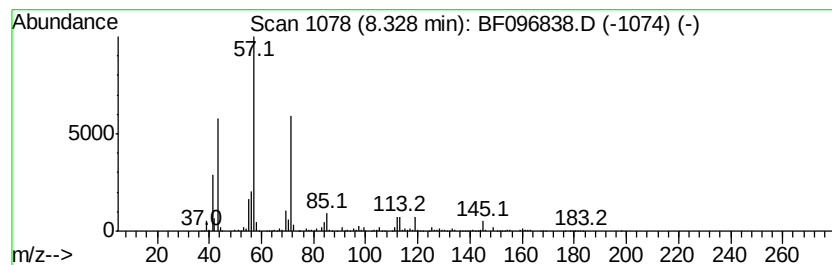
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	27.84 ng	1555490	Napthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59



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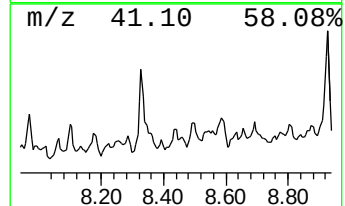
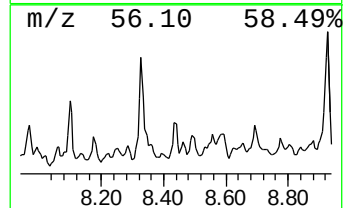
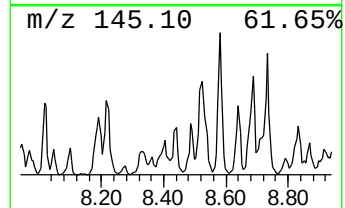
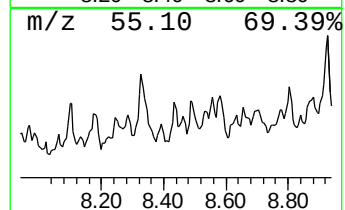
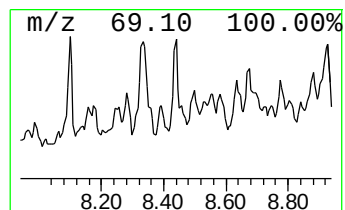
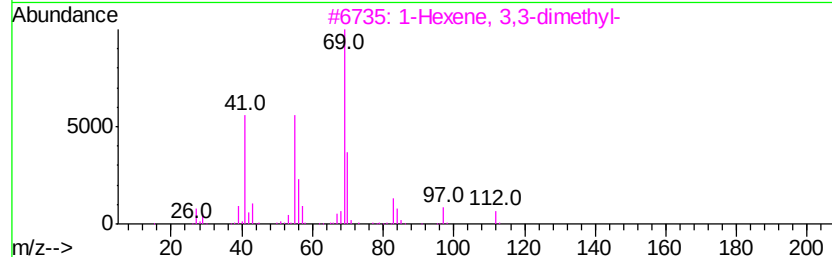
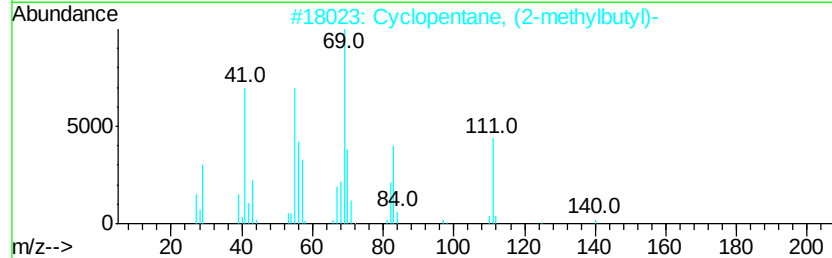
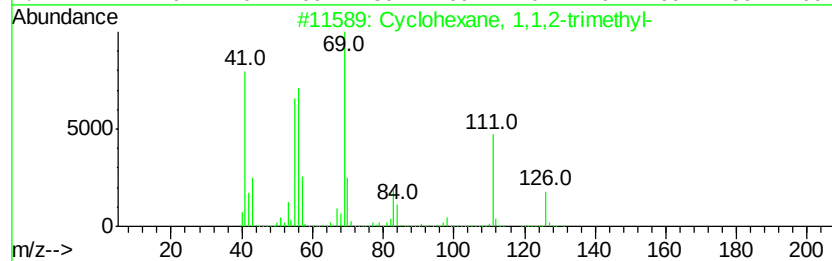
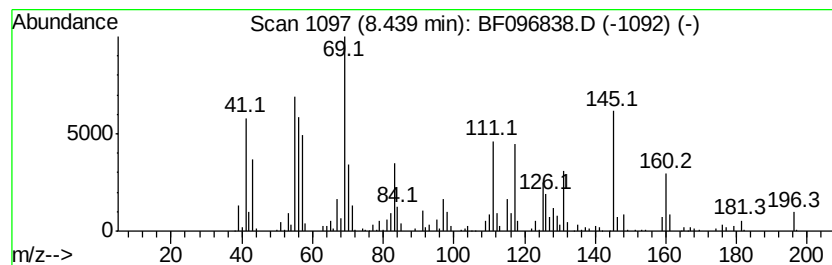
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Peak Number 4 unknown8.44 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	9.92 ng	554457	Napthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	38
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
4		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	30
5		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
NB-TWP01

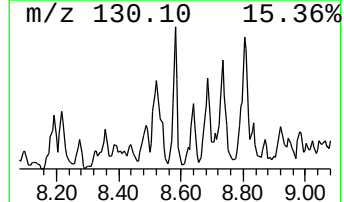
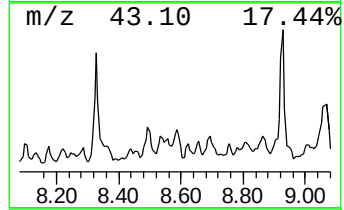
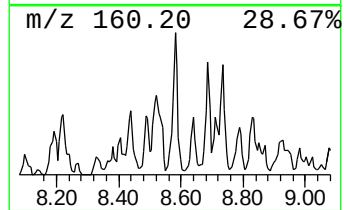
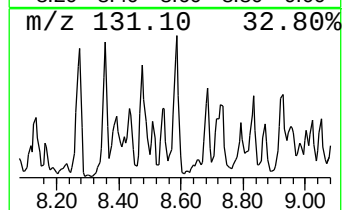
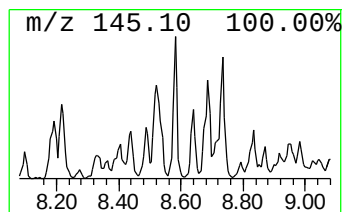
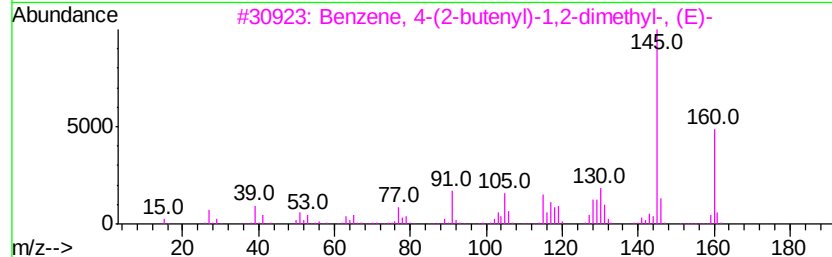
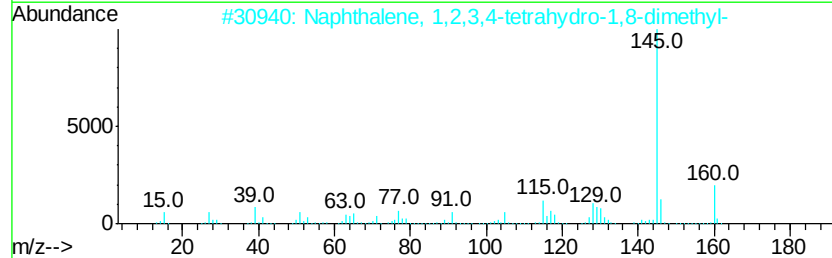
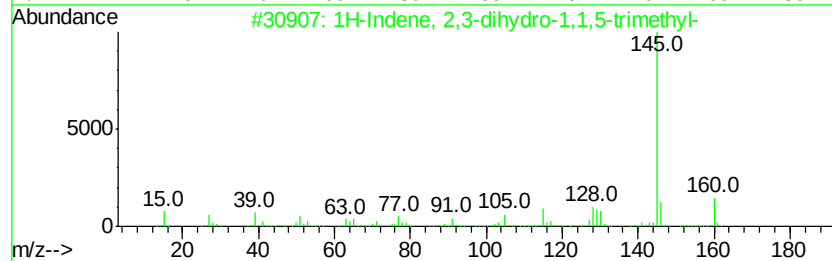
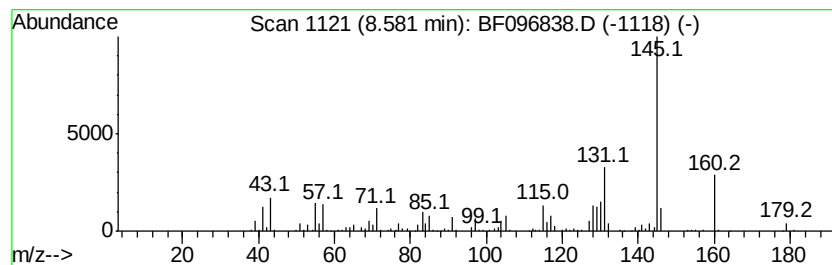
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	16.56 ng	925428	Naphthalene-d8	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
4		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	81
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
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Instrument :
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ClientSampleId :
NB-TWP01

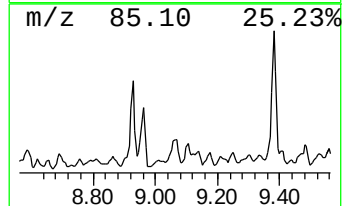
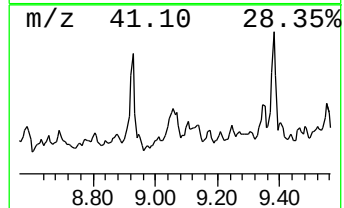
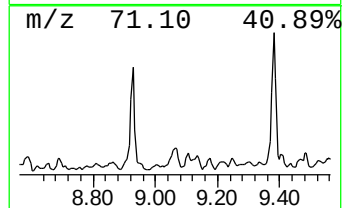
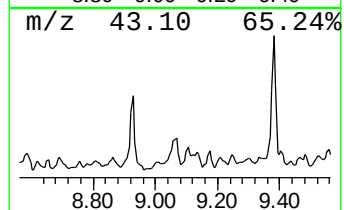
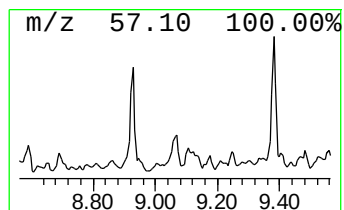
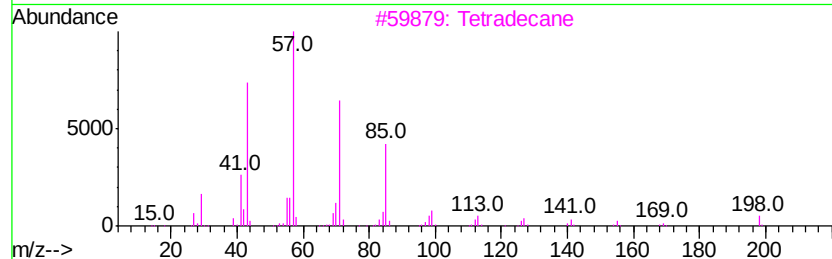
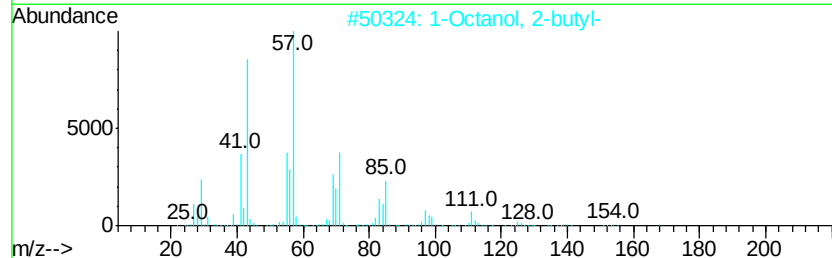
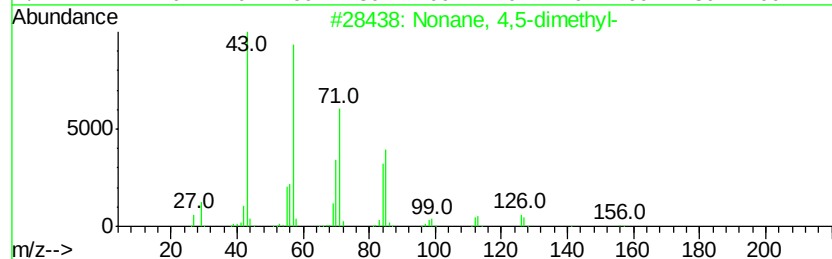
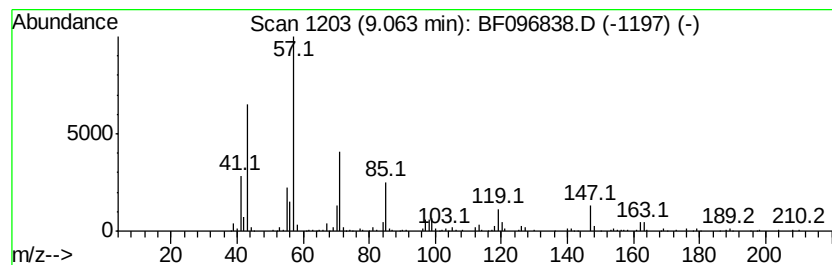
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonane, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	12.45 ng	968326	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3		Tetradecane	198	C14H30	000629-59-4	64
4		Decane	142	C10H22	000124-18-5	59
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-TWP01

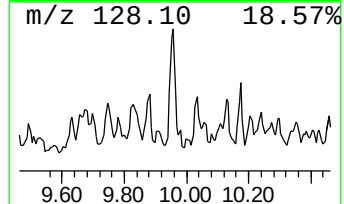
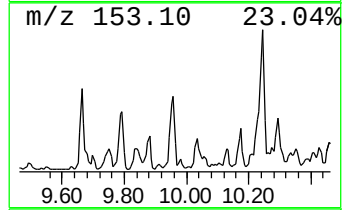
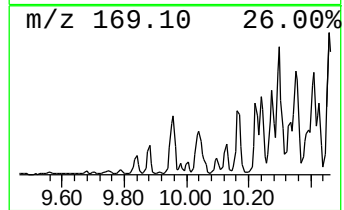
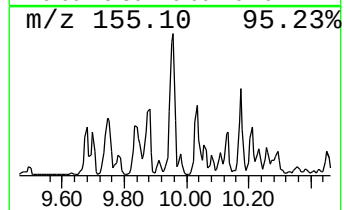
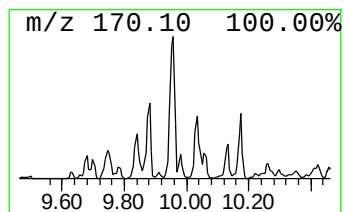
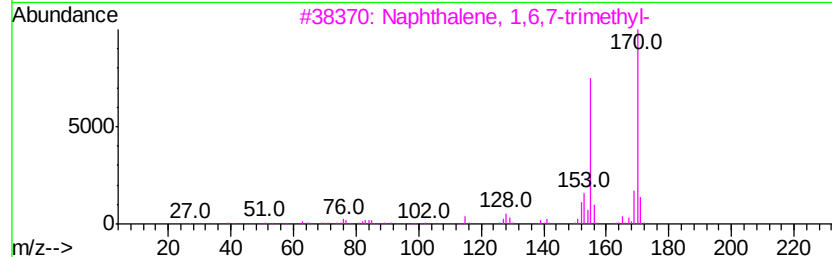
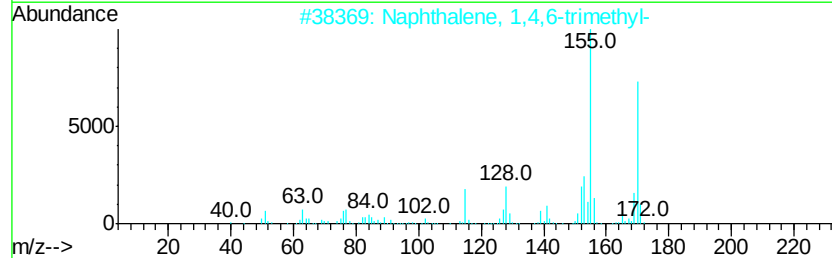
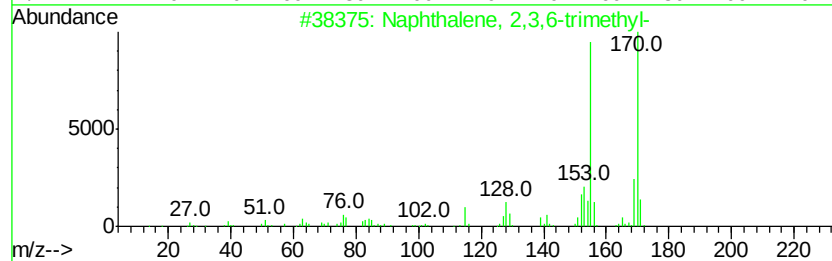
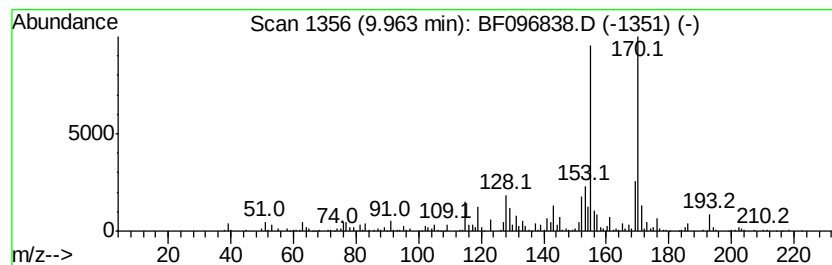
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	17.70 ng	1377000	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-TWP01

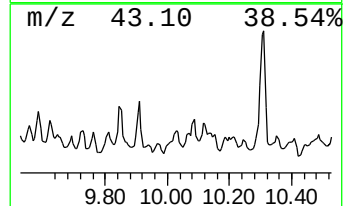
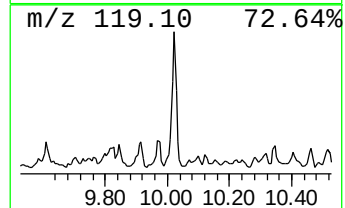
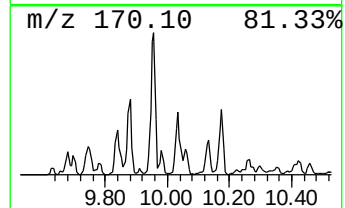
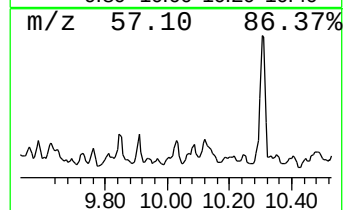
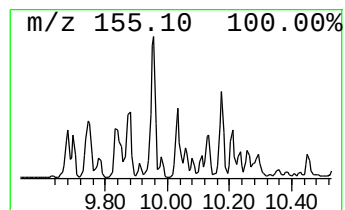
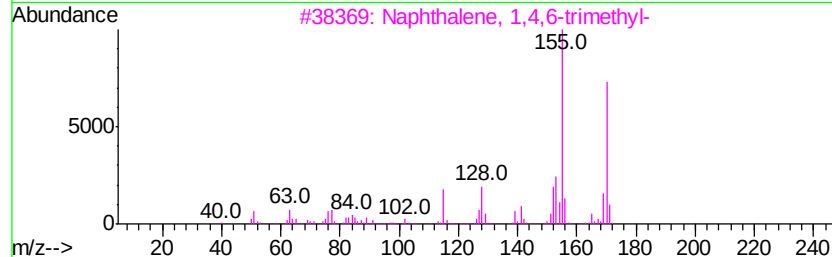
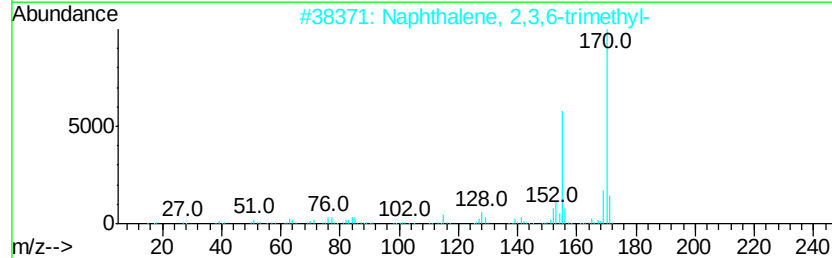
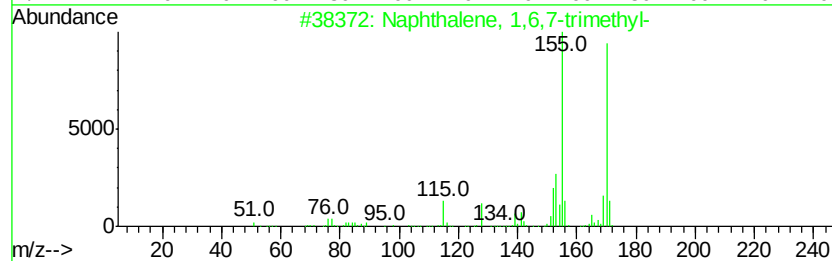
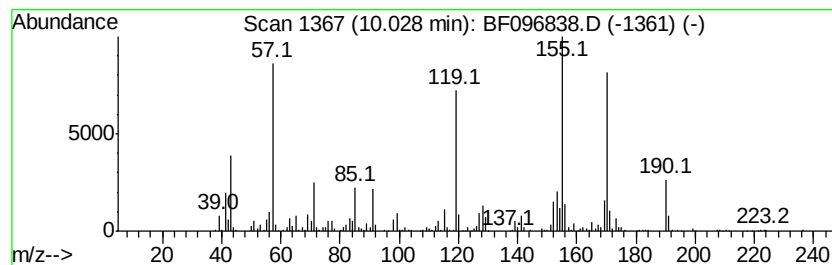
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	18.98 ng	1476280	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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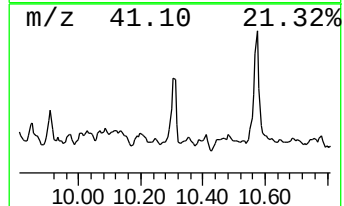
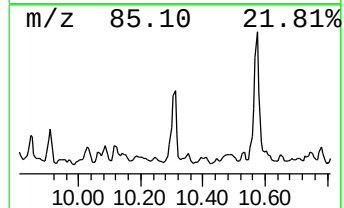
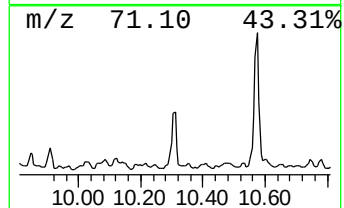
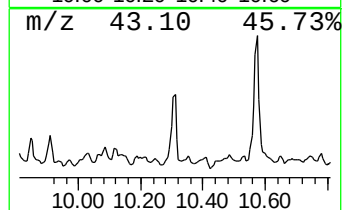
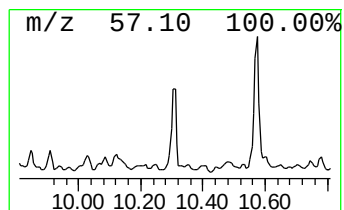
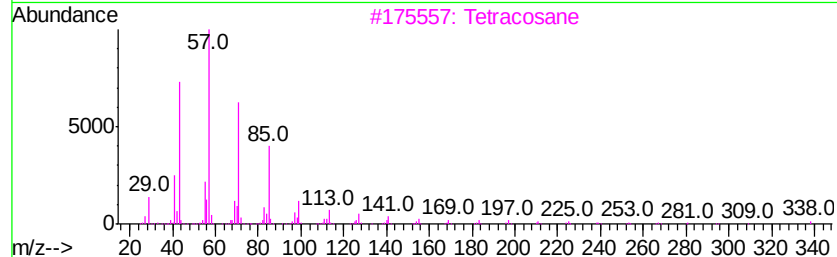
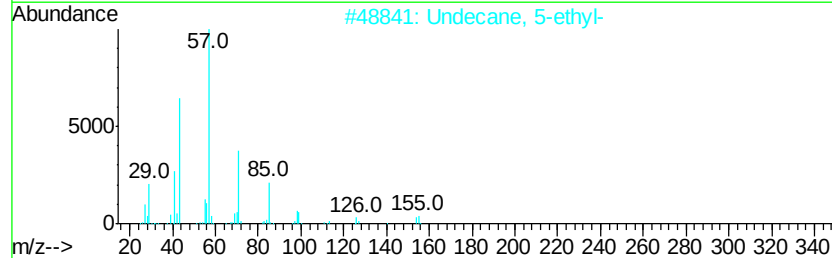
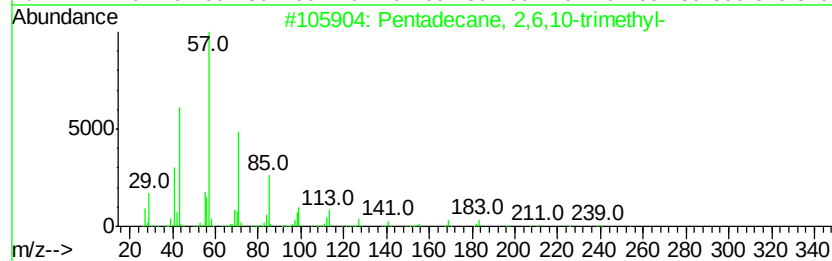
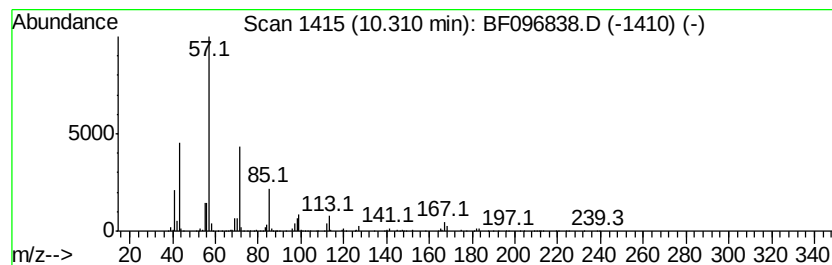
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	20.21 ng	1571940	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3		Tetracosane	338	C24H50	000646-31-1	64
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
5		Heneicosane	296	C21H44	000629-94-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampled :
NB-TWP01

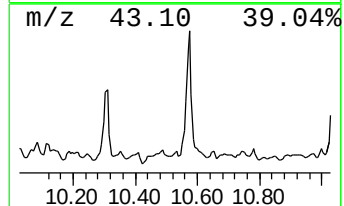
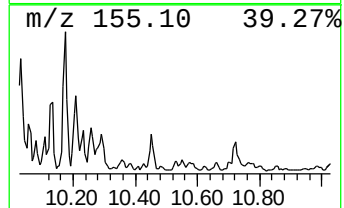
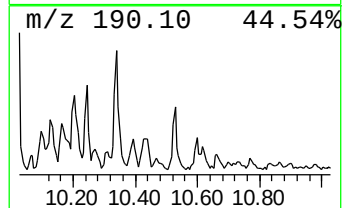
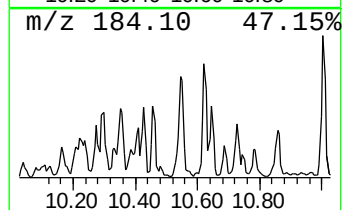
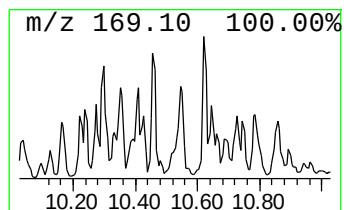
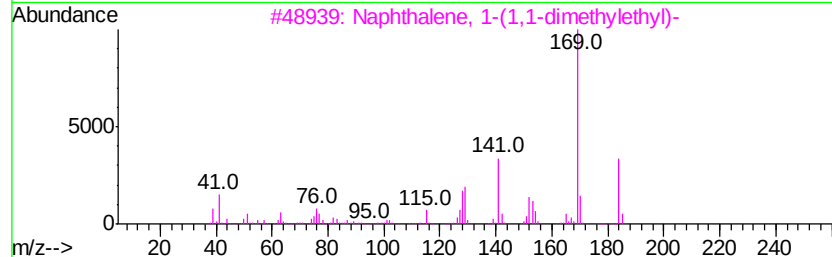
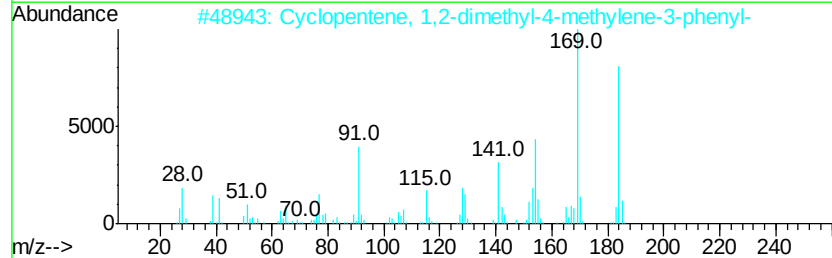
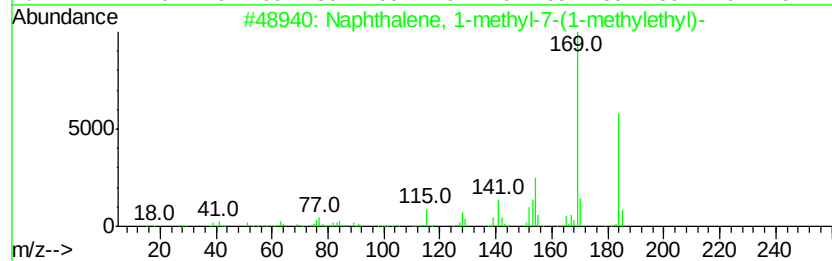
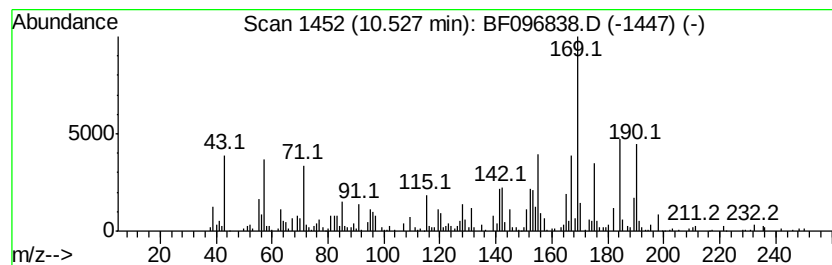
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl-7-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	12.90 ng	447081	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-7-(1-methyl-7-(1-methylethyl)-1,2-dimethyl-4-methylene-3-phenyl)-	184	C14H16	000490-65-3	50
2		Cyclopentene, 1,2-dimethyl-4-methylene-3-phenyl-	184	C14H16	1000152-22-4	49
3		Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	41
4		4-tert-Butylphthalonitrile	184	C12H12N2	032703-80-3	30
5		3-Thiopheneacetic acid, 5-acetyl-	184	C8H8O3S	1000337-56-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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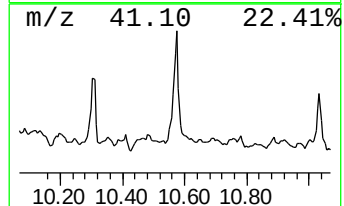
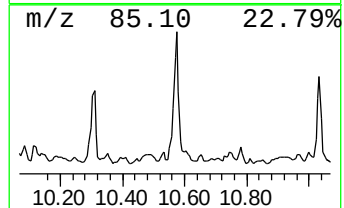
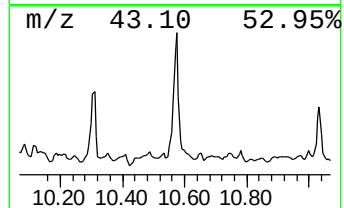
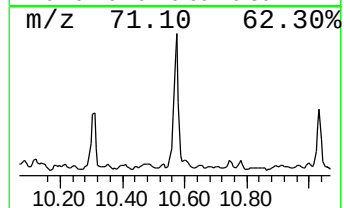
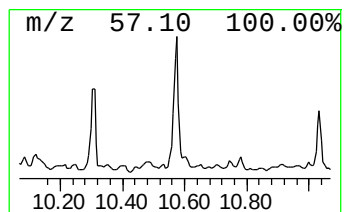
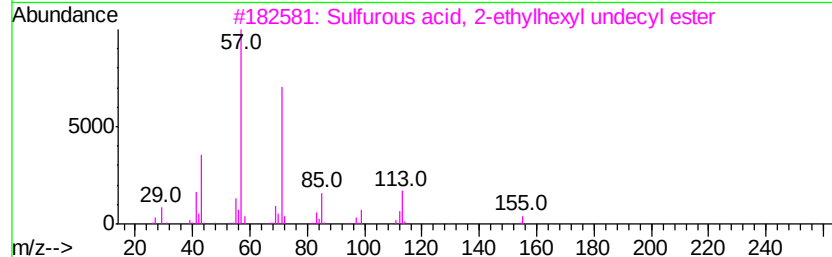
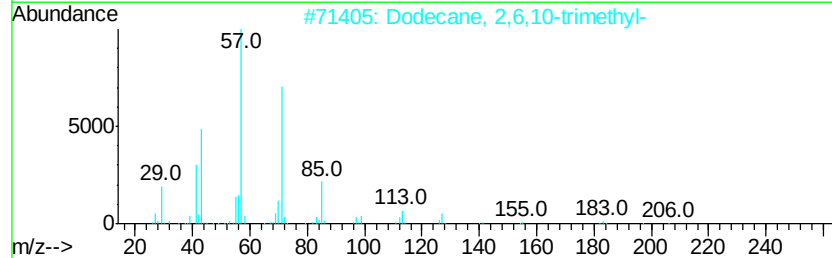
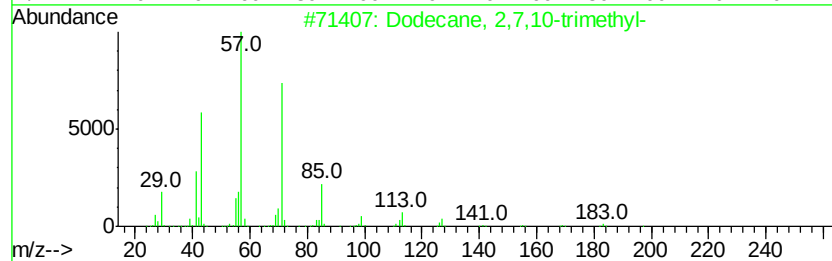
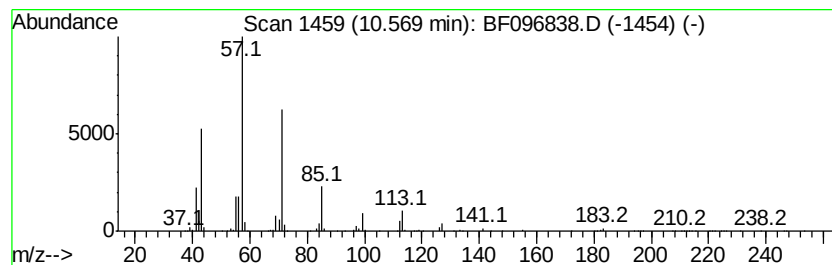
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	86.30 ng	2991810	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-TWP01

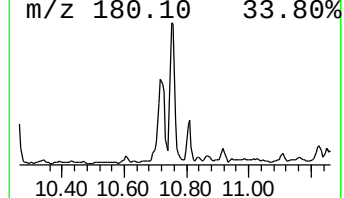
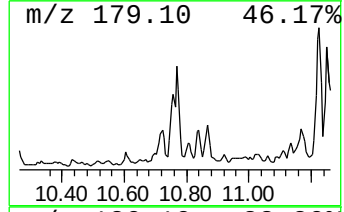
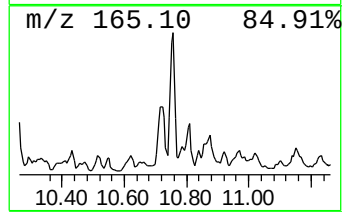
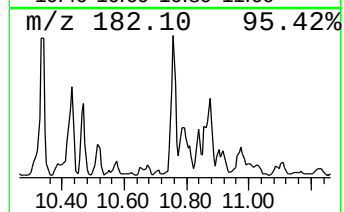
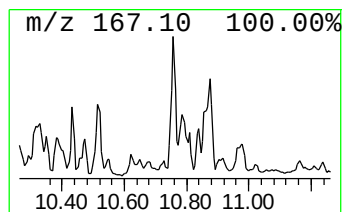
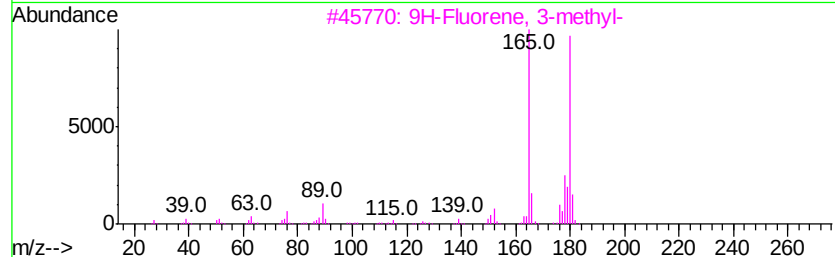
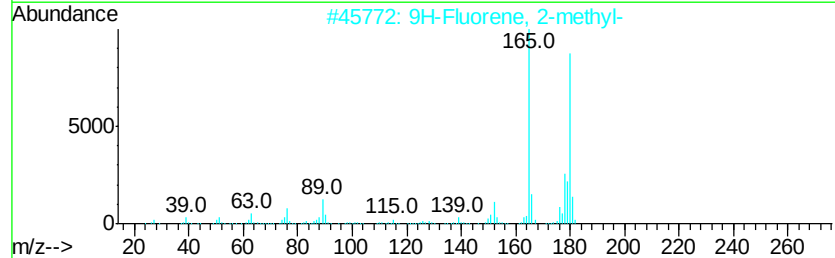
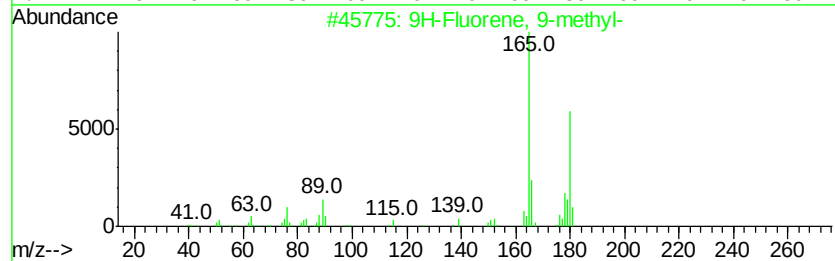
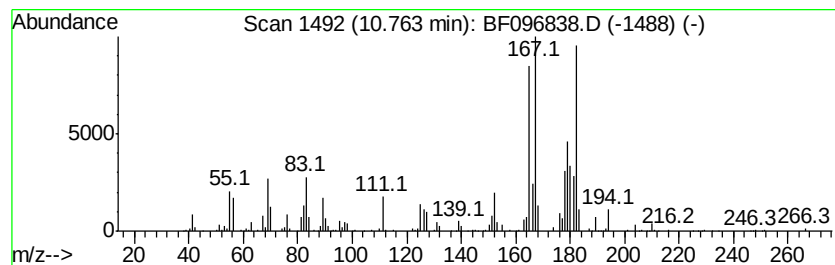
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	19.12 ng	662722	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
4		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	46
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-TWP01

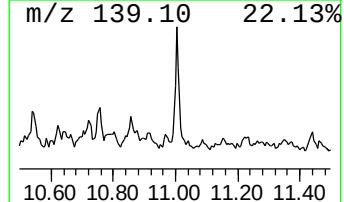
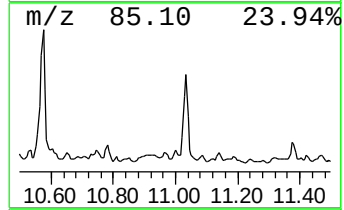
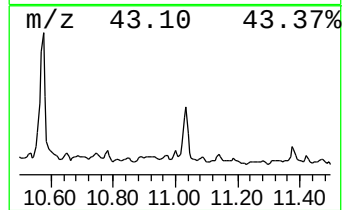
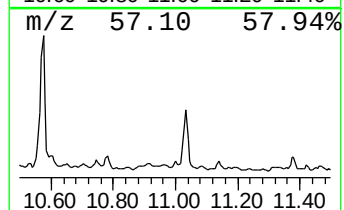
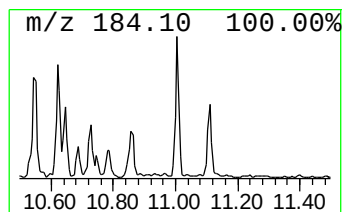
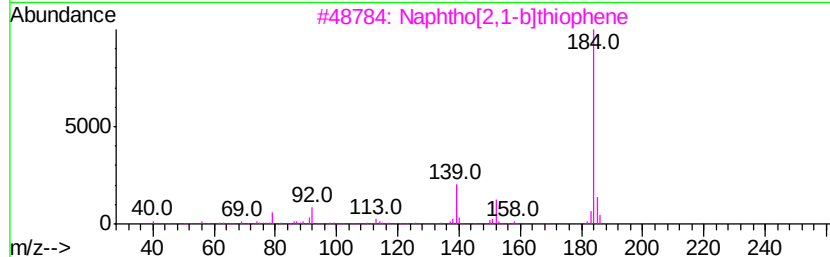
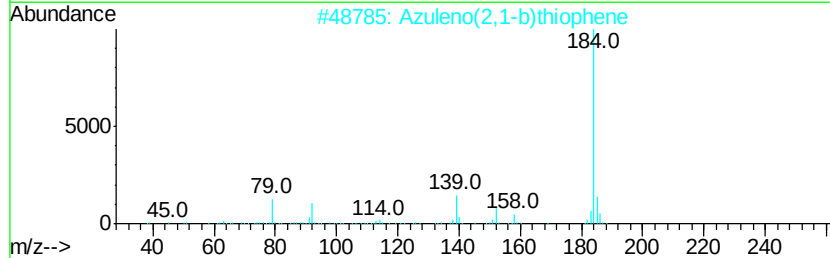
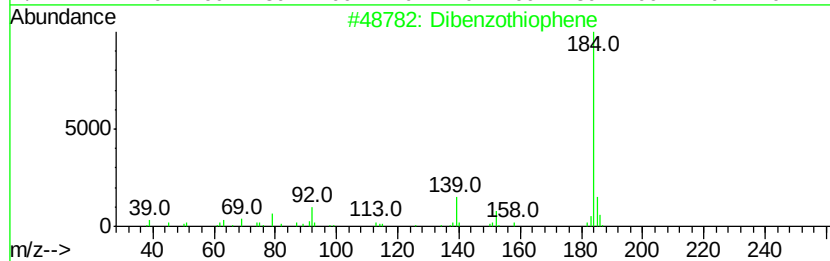
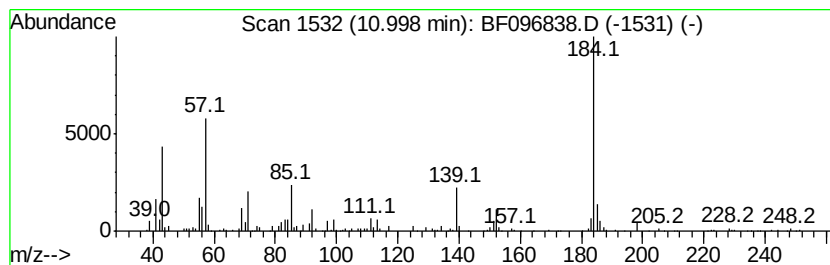
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	9.83 ng	340677	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	93
2		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
Sample : I4205-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-TWP01

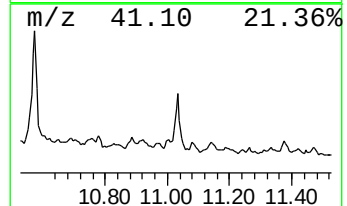
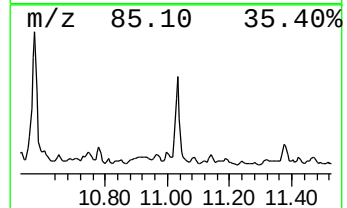
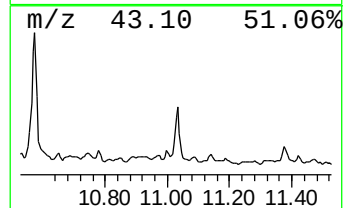
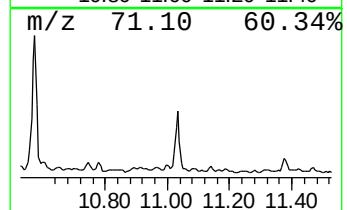
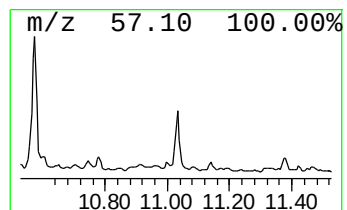
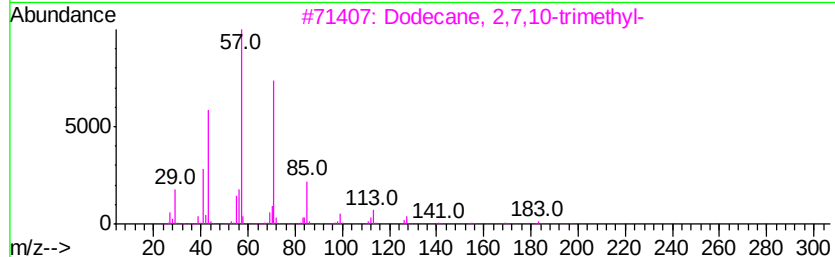
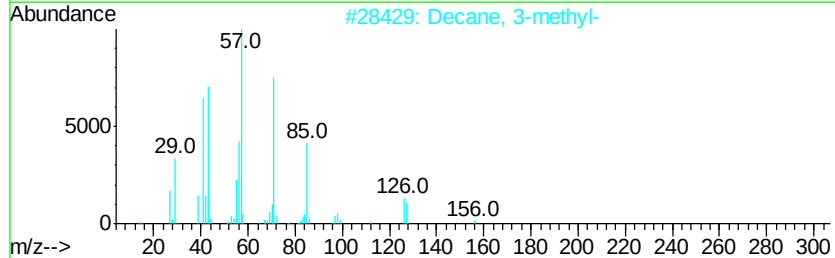
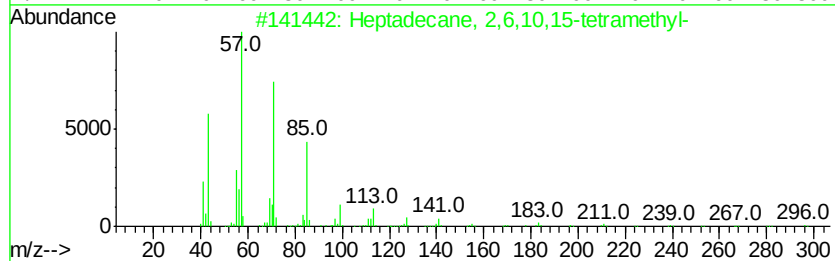
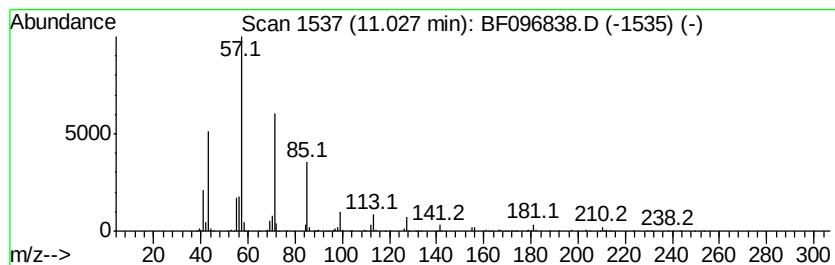
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	40.80 ng	1414410	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Decane, 3-methyl-	156	C11H24	013151-34-3	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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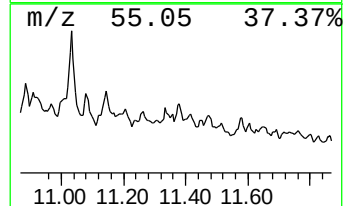
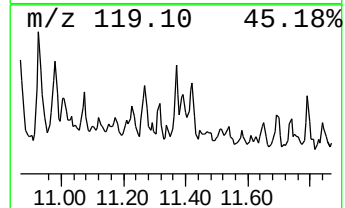
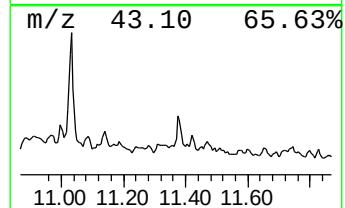
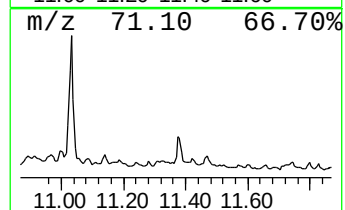
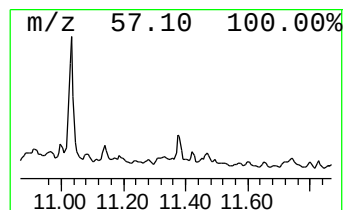
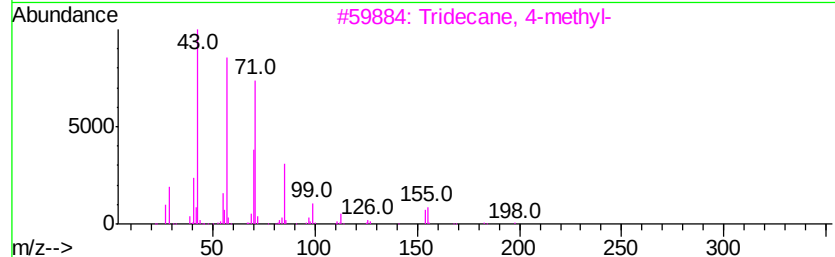
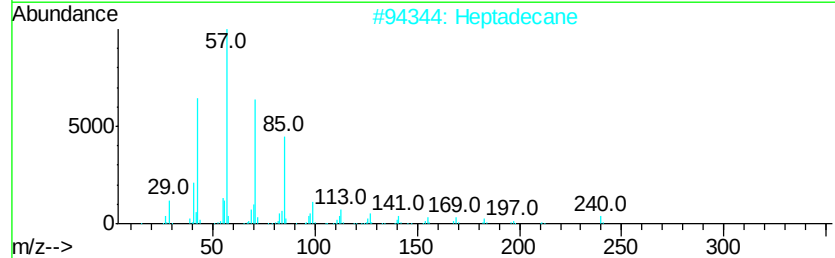
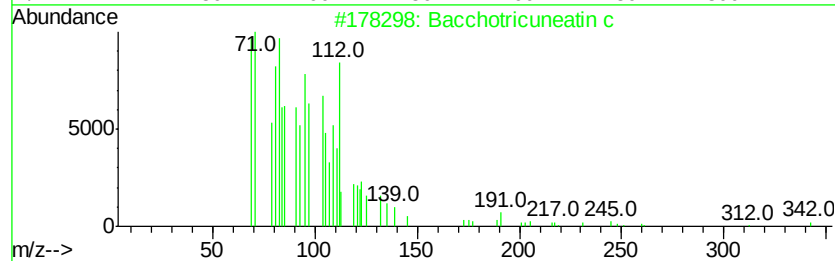
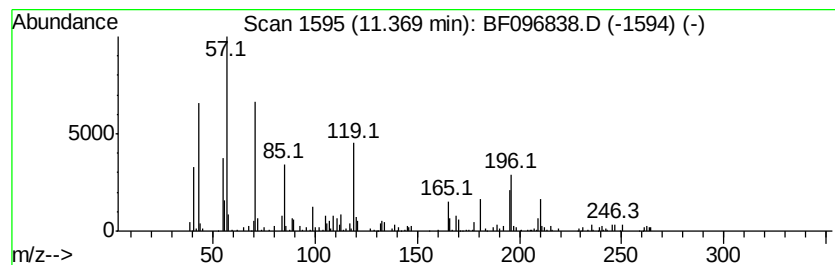
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	11.55 ng	400257	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Heptadecane	240	C17H36	000629-78-7	87
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
Operator : SJ/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
NB-TWP01

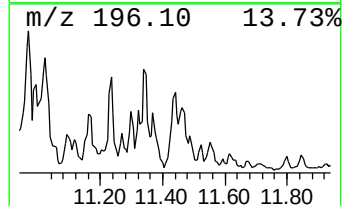
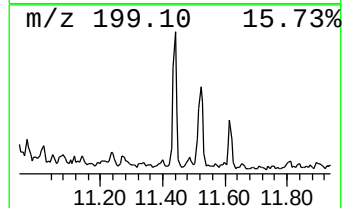
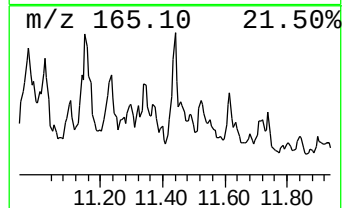
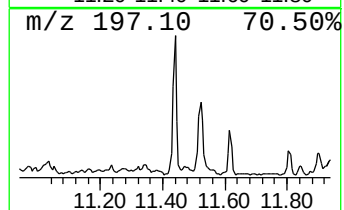
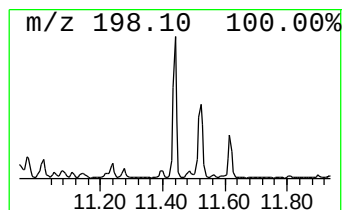
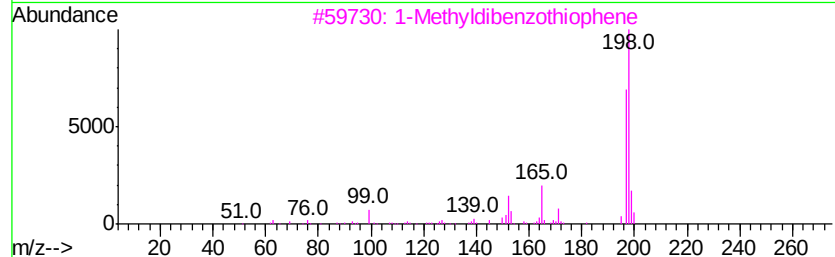
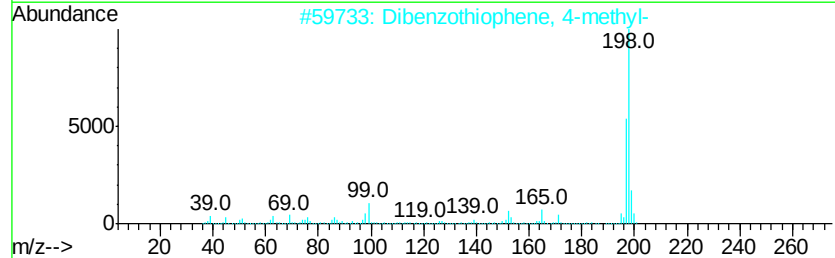
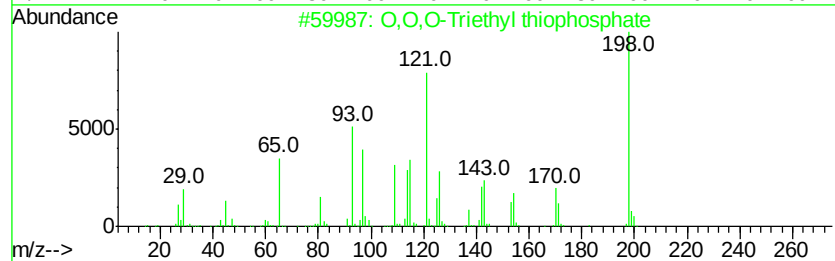
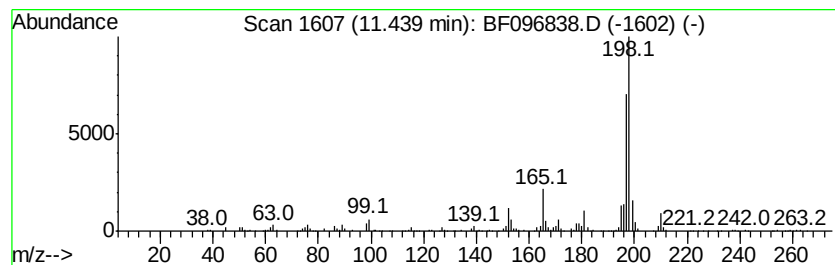
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 0,0,0-Triethyl thiophosphate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	15.23 ng	528108	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	0,0,0-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	83
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
3		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
4		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	59
5		Tacrine	198	C13H14N2	000321-64-2	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
Data File : BF096838.D
Acq On : 18 Jul 2017 10:43
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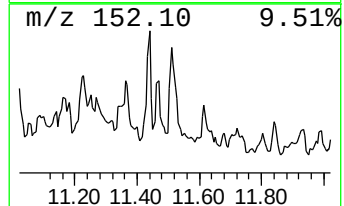
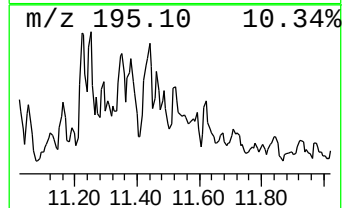
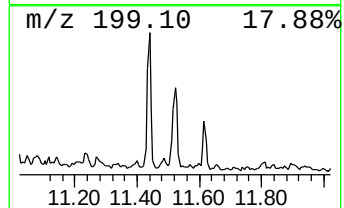
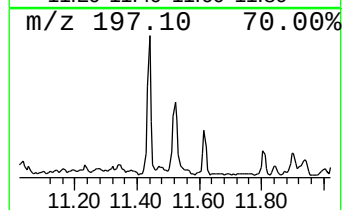
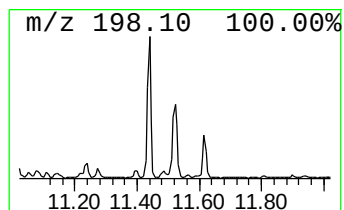
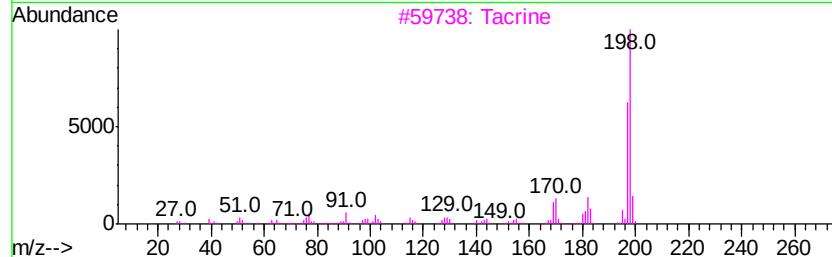
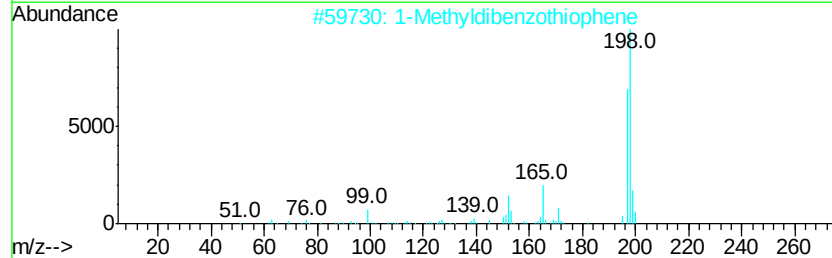
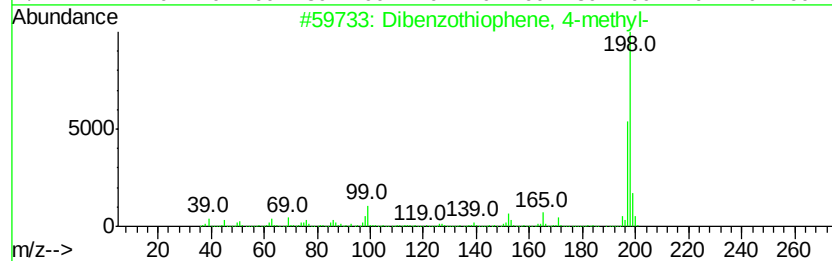
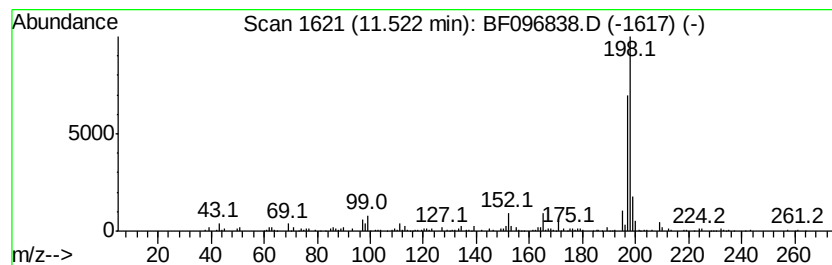
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzothiophene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	10.50 ng	363814	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
2		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
3		Tacrine	198	C13H14N2	000321-64-2	62
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071817\
 Data File : BF096838.D
 Acq On : 18 Jul 2017 10:43
 Operator : SJ/JU
 Sample : I4205-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-TWP01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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					#	RT	Resp	Conc
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Decane, 2,6,7-tri...	8.33	27.8	ng	1555490	2	7.88	1117370	20.0
unknown8.44	8.44	9.9	ng	554457	2	7.88	1117370	20.0
1H-Indene, 2,3-di...	8.58	16.6	ng	925428	2	7.88	1117370	20.0
Nonane, 4,5-dimet...	9.06	12.4	ng	968326	3	9.63	1555670	20.0
Naphthalene, 2,3,...	9.96	17.7	ng	1377000	3	9.63	1555670	20.0
Naphthalene, 1,6,...	10.03	19.0	ng	1476280	3	9.63	1555670	20.0
Pentadecane, 2,6,...	10.31	20.2	ng	1571940	3	9.63	1555670	20.0
Naphthalene, 1-me...	10.53	12.9	ng	447081	4	11.11	693312	20.0
Dodecane, 2,7,10-...	10.57	86.3	ng	2991810	4	11.11	693312	20.0
9H-Fluorene, 9-me...	10.76	19.1	ng	662722	4	11.11	693312	20.0
Dibenzothiophene	11.00	9.8	ng	340677	4	11.11	693312	20.0
Heptadecane, 2,6,...	11.03	40.8	ng	1414410	4	11.11	693312	20.0
Bacchotricuneatin c	11.37	11.6	ng	400257	4	11.11	693312	20.0
0,0,0-Triethyl th...	11.44	15.2	ng	528108	4	11.11	693312	20.0
Dibenzothiophene,...	11.52	10.5	ng	363814	4	11.11	693312	20.0