

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096280.D
 Acq On : 29 Jun 2017 6:27
 Operator : SJ/MA
 Sample : I3909-03 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q4-BASE

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-BF062717.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	4.963	486	489	498	rVB	66107	71272	5.95%	0.326%
2	5.387	557	561	565	rVB	459262	389538	32.50%	1.783%
3	6.404	730	734	743	rVB	422919	403244	33.64%	1.846%
4	6.545	755	758	762	rBV	479752	382508	31.91%	1.751%
5	6.781	795	798	802	rBV	951493	834787	69.65%	3.822%
6	6.939	822	825	834	rVB	327900	304879	25.44%	1.396%
7	7.334	887	892	897	rVV	276955	236246	19.71%	1.082%
8	7.581	932	934	941	rVB3	31097	40659	3.39%	0.186%
9	7.804	968	972	975	rBV3	40761	62427	5.21%	0.286%
10	8.010	1004	1007	1009	rBV2	63857	60958	5.09%	0.279%
11	8.063	1012	1016	1019	rVV	1419945	1198528	100.00%	5.487%
12	8.086	1019	1020	1023	rVV	110468	72338	6.04%	0.331%
13	8.245	1041	1047	1049	rBV6	28242	47753	3.98%	0.219%
14	8.369	1066	1068	1070	rVB2	62491	46973	3.92%	0.215%
15	8.451	1079	1082	1087	rBV2	89547	94588	7.89%	0.433%
16	8.498	1087	1090	1092	rBV	106268	98606	8.23%	0.451%
17	8.533	1094	1096	1100	rVB2	80934	70064	5.85%	0.321%
18	8.575	1100	1103	1108	rBV4	57076	71943	6.00%	0.329%
19	8.622	1108	1111	1115	rVB2	131581	127139	10.61%	0.582%
20	8.669	1115	1119	1121	rBV2	265271	240646	20.08%	1.102%
21	8.775	1132	1137	1141	rVB	518301	466558	38.93%	2.136%
22	8.822	1141	1145	1147	rBV2	50456	56255	4.69%	0.258%
23	8.875	1147	1154	1158	rBV	584104	502107	41.89%	2.299%
24	8.910	1158	1160	1164	rVV2	60717	62870	5.25%	0.288%
25	8.969	1168	1170	1174	rVV3	48693	79477	6.63%	0.364%
26	9.033	1179	1181	1183	rVV	49466	43218	3.61%	0.198%
27	9.069	1185	1187	1189	rVV2	49778	45023	3.76%	0.206%
28	9.098	1189	1192	1195	rVV	144882	127555	10.64%	0.584%
29	9.139	1195	1199	1202	rVV	375135	348543	29.08%	1.596%
30	9.192	1205	1208	1211	rBV2	94702	94001	7.84%	0.430%
31	9.233	1211	1215	1218	rBV2	396337	378640	31.59%	1.733%
32	9.286	1221	1224	1227	rVB2	68117	81798	6.82%	0.374%
33	9.333	1230	1232	1238	rVB	256163	302590	25.25%	1.385%
34	9.398	1239	1243	1248	rBV	528863	731116	61.00%	3.347%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.475	1253	1256	1259	rVV	736551	794051	66.25%	3.635%
36	9.504	1259	1261	1263	rVV	570023	431942	36.04%	1.977%
37	9.533	1263	1266	1268	rVV2	361051	333818	27.85%	1.528%
38	9.551	1268	1269	1271	rVV	188673	136834	11.42%	0.626%
39	9.592	1274	1276	1282	rVB	336312	366104	30.55%	1.676%
40	9.675	1288	1290	1292	rBV	146561	109954	9.17%	0.503%
41	9.733	1296	1300	1302	rBV3	114320	117134	9.77%	0.536%
42	9.763	1302	1305	1309	rVB	288964	248487	20.73%	1.138%
43	9.816	1309	1314	1317	rBV2	1203843	1108994	92.53%	5.077%
44	9.845	1317	1319	1323	rVV4	115668	146643	12.24%	0.671%
45	9.880	1323	1325	1328	rVB2	63528	58630	4.89%	0.268%
46	9.922	1328	1332	1337	rBV	257273	337404	28.15%	1.545%
47	9.963	1337	1339	1342	rBV2	91066	82320	6.87%	0.377%
48	10.022	1345	1349	1352	rVB	380315	386384	32.24%	1.769%
49	10.057	1352	1355	1358	rBV	315229	282028	23.53%	1.291%
50	10.086	1358	1360	1364	rVB3	78164	76711	6.40%	0.351%
51	10.133	1364	1368	1371	rBV	226231	231300	19.30%	1.059%
52	10.163	1371	1373	1376	rVB	274744	201439	16.81%	0.922%
53	10.222	1376	1383	1387	rBV4	177720	394955	32.95%	1.808%
54	10.257	1387	1389	1392	rVV	283737	218792	18.26%	1.002%
55	10.316	1396	1399	1403	rVV4	71340	97989	8.18%	0.449%
56	10.357	1403	1406	1408	rVV3	129164	113628	9.48%	0.520%
57	10.386	1408	1411	1413	rVV3	87759	88631	7.39%	0.406%
58	10.427	1413	1418	1420	rVV2	103264	131468	10.97%	0.602%
59	10.451	1420	1422	1424	rVV2	66336	67046	5.59%	0.307%
60	10.480	1424	1427	1430	rVV2	185780	212612	17.74%	0.973%
61	10.510	1430	1432	1434	rVV3	66468	75172	6.27%	0.344%
62	10.533	1434	1436	1439	rVB	91174	71300	5.95%	0.326%
63	10.563	1439	1441	1443	rBV2	58232	57414	4.79%	0.263%
64	10.598	1443	1447	1451	rVB4	261224	304834	25.43%	1.396%
65	10.639	1451	1454	1461	rVB2	75873	86210	7.19%	0.395%
66	10.727	1463	1469	1476	rVV3	361137	560534	46.77%	2.566%
67	10.804	1479	1482	1484	rVV2	75532	66823	5.58%	0.306%
68	10.880	1491	1495	1496	rVV4	32639	46461	3.88%	0.213%
69	10.904	1496	1499	1502	rVV4	69500	108844	9.08%	0.498%
70	10.939	1502	1505	1507	rVV3	96720	124647	10.40%	0.571%
71	10.986	1511	1513	1516	rVV3	54216	54915	4.58%	0.251%

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 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	11.022	1516	1519	1520	rVV2	41815	40359	3.37%	0.185%
73	11.057	1520	1525	1531	rVV8	60261	144291	12.04%	0.661%
74	11.104	1531	1533	1537	rVV5	40349	50116	4.18%	0.229%
75	11.151	1538	1541	1543	rVV3	43312	56277	4.70%	0.258%
76	11.174	1543	1545	1549	rVV2	199338	221920	18.52%	1.016%
77	11.210	1549	1551	1556	rVB	113375	111001	9.26%	0.508%
78	11.292	1562	1565	1568	rBV	1007487	935738	78.07%	4.284%
79	11.316	1568	1569	1572	rVV	261222	174937	14.60%	0.801%
80	11.369	1573	1578	1581	rVB	79619	86522	7.22%	0.396%
81	11.410	1581	1585	1590	rBV6	24500	50303	4.20%	0.230%
82	11.604	1615	1618	1620	rVV	132378	112879	9.42%	0.517%
83	11.798	1648	1651	1653	rBV	76061	69366	5.79%	0.318%
84	11.821	1653	1655	1660	rVB	100881	89870	7.50%	0.411%
85	11.904	1666	1669	1672	rBV	89083	96686	8.07%	0.443%
86	11.927	1672	1673	1680	rVB2	52853	49586	4.14%	0.227%
87	12.010	1684	1687	1690	rBV	75166	59319	4.95%	0.272%
88	12.245	1721	1727	1729	rBV7	43287	66426	5.54%	0.304%
89	12.345	1741	1744	1746	rVV	52821	55479	4.63%	0.254%
90	12.398	1746	1753	1755	rVV3	62859	96018	8.01%	0.440%
91	12.504	1768	1771	1774	rVB	248221	211009	17.61%	0.966%
92	12.727	1805	1809	1813	rBV	241799	245652	20.50%	1.125%
93	12.768	1813	1816	1823	rVB3	39913	53069	4.43%	0.243%
94	12.874	1831	1834	1841	rVB	322054	299385	24.98%	1.371%
95	13.121	1874	1876	1879	rVB	50250	42217	3.52%	0.193%
96	13.674	1966	1970	1973	rBV3	33304	46372	3.87%	0.212%
97	13.927	2008	2013	2015	rBV	986215	1041089	86.86%	4.766%
98	13.951	2015	2017	2022	rVB	101556	98306	8.20%	0.450%
99	14.945	2183	2186	2192	rVB	53300	100971	8.42%	0.462%
100	15.351	2251	2255	2260	rBV	527959	631147	52.66%	2.889%

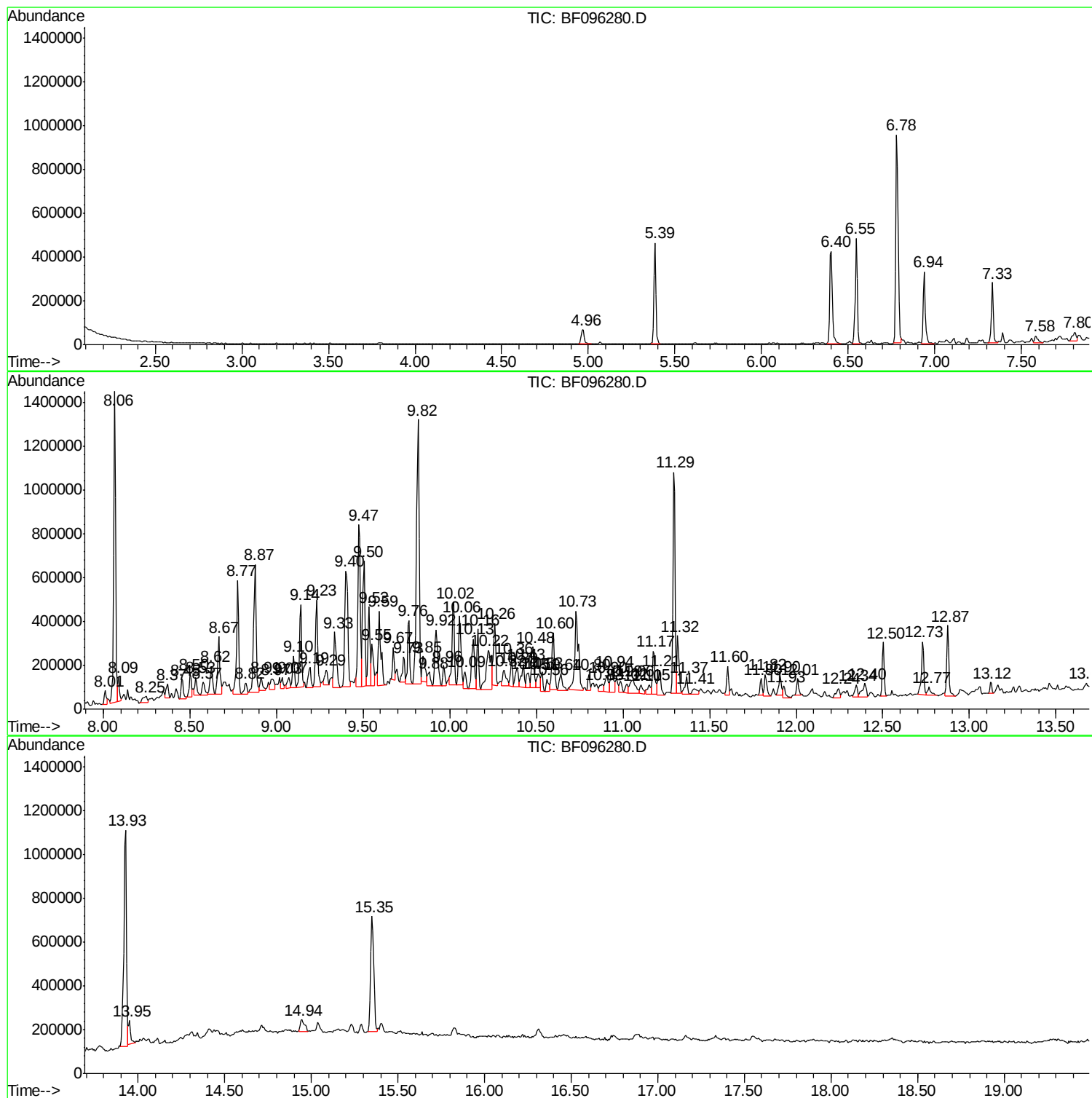
Sum of corrected areas: 21843609

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.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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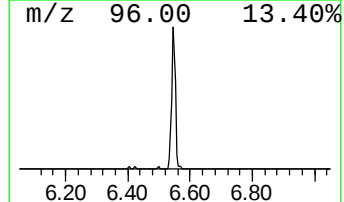
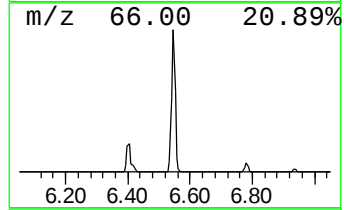
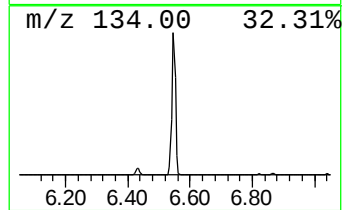
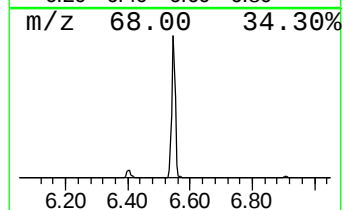
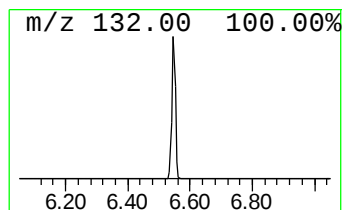
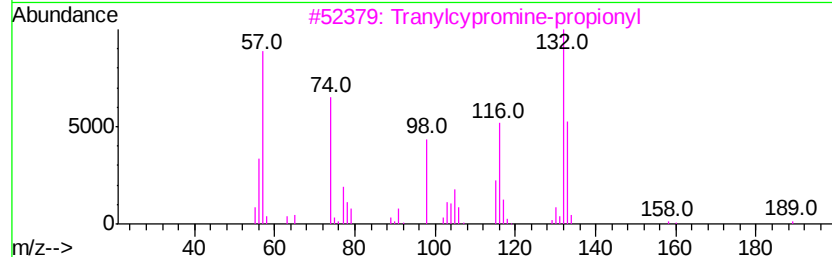
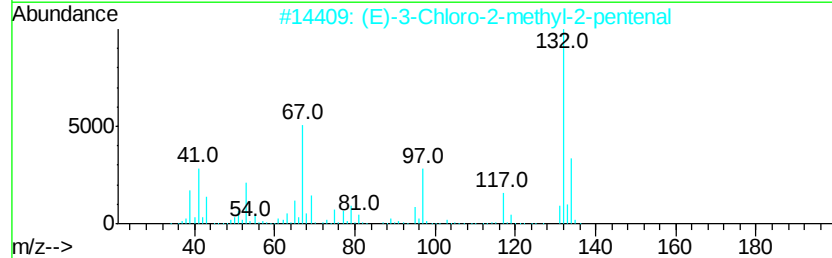
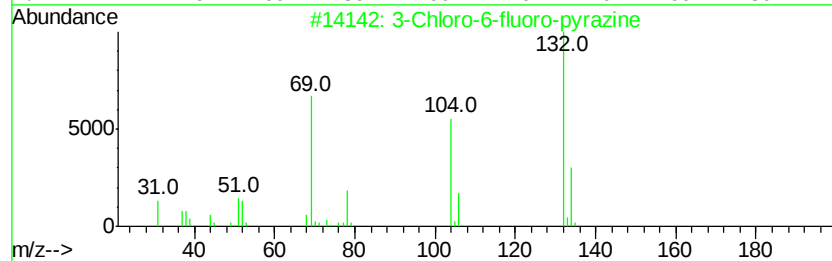
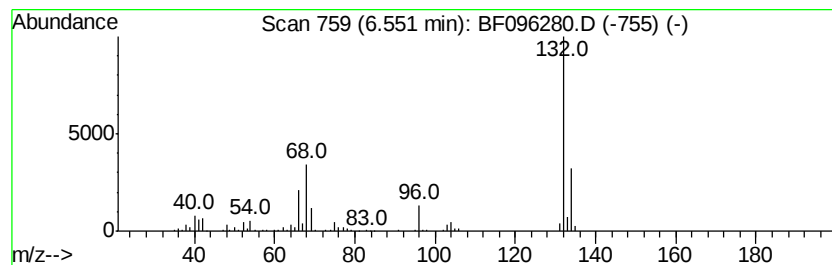
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	9.16 ng	382508	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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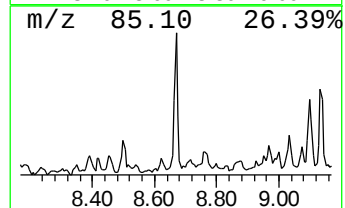
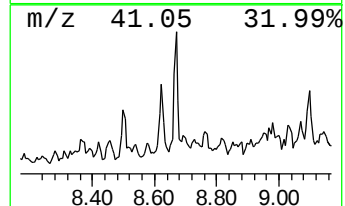
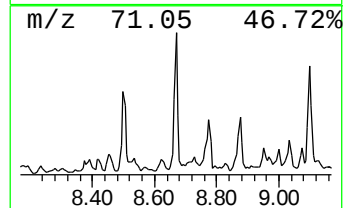
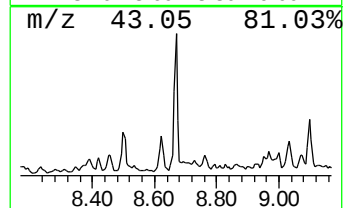
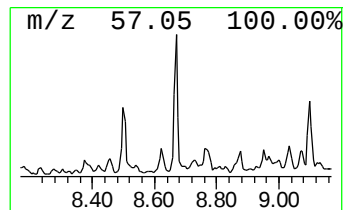
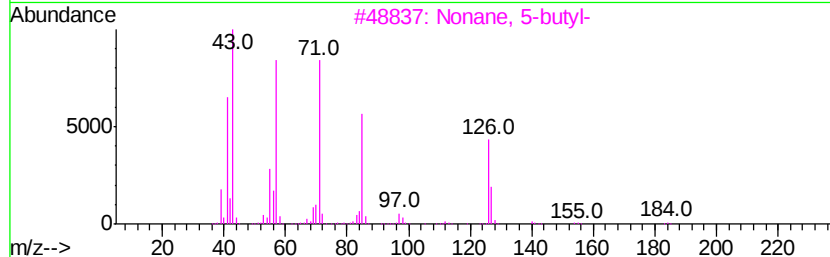
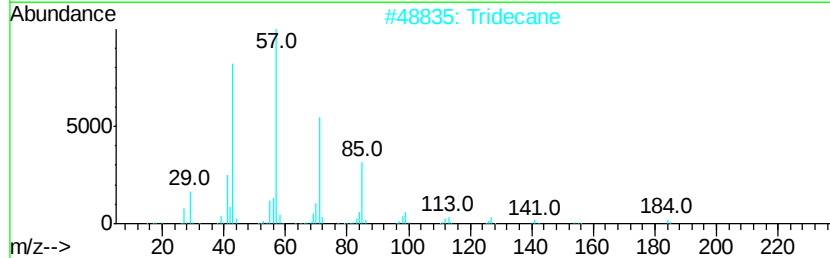
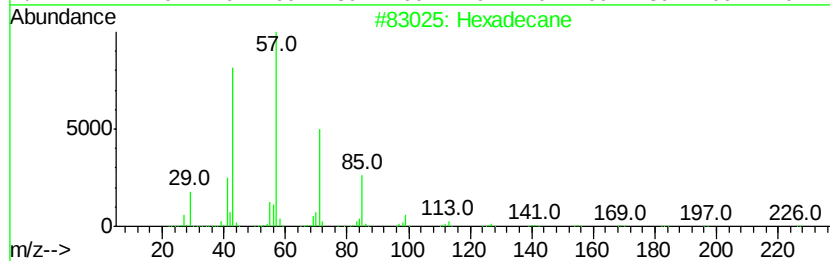
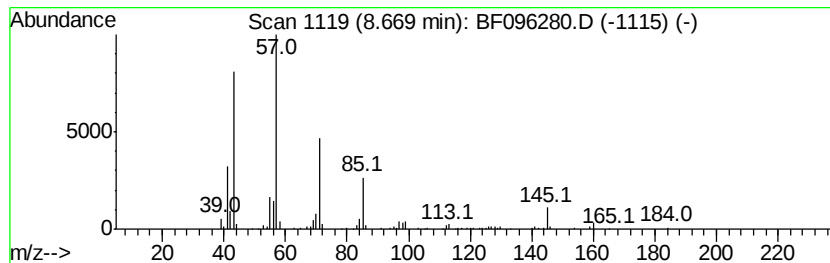
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.02 ng	240646	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Tridecane	184	C13H28	000629-50-5	80
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	70
4		Undecane	156	C11H24	001120-21-4	64
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	58



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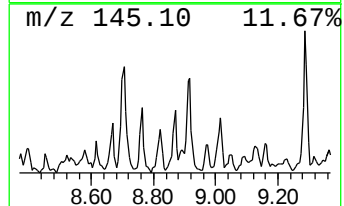
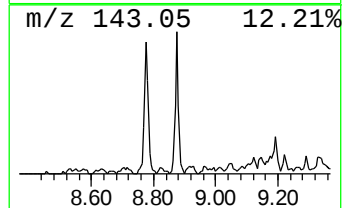
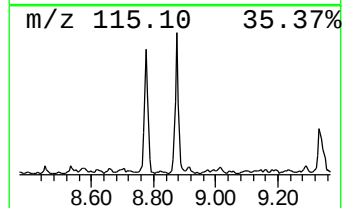
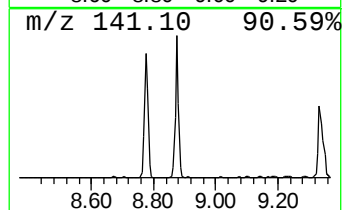
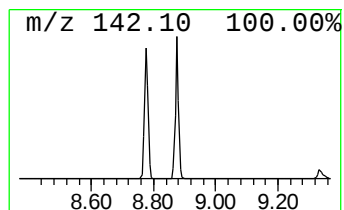
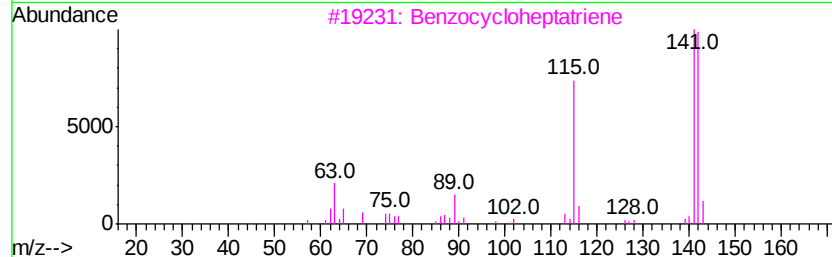
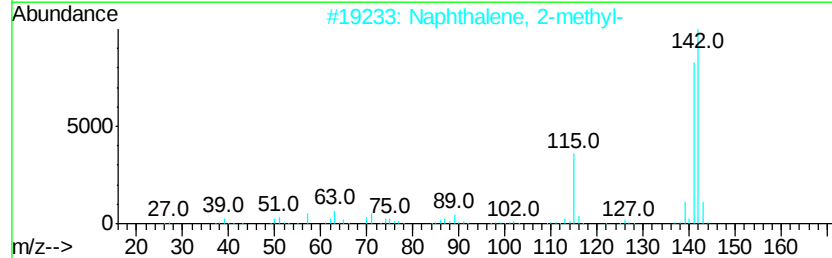
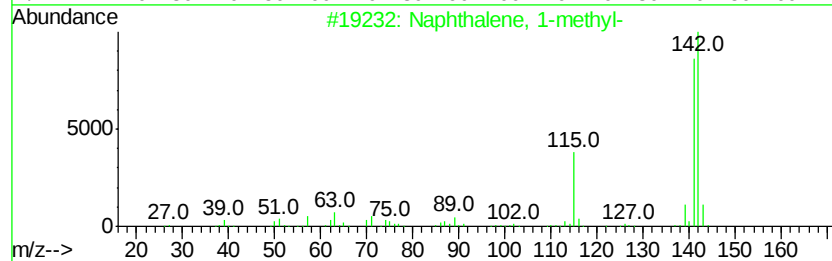
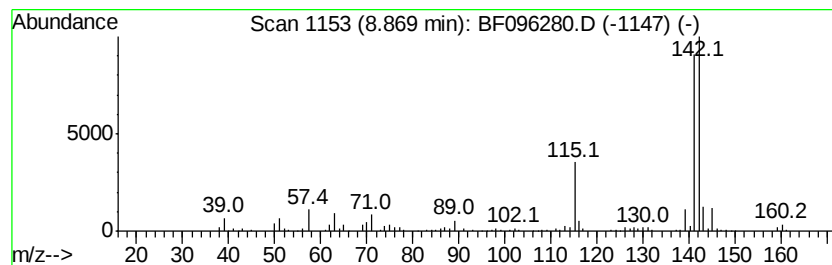
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	8.38 ng	502107	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1-Naphthaleneacetamide	185	C12H11NO	000086-86-2	59



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Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
Sample : I3909-03 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

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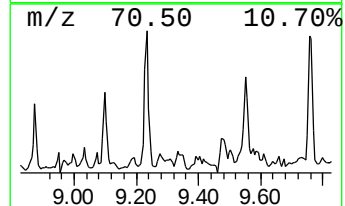
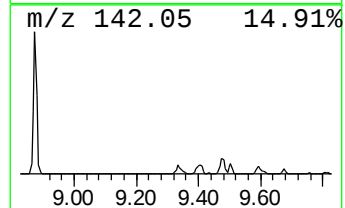
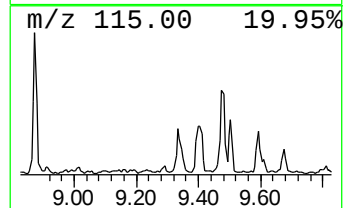
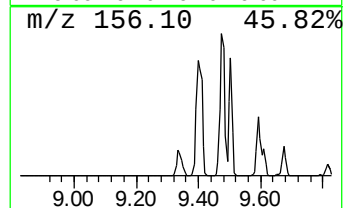
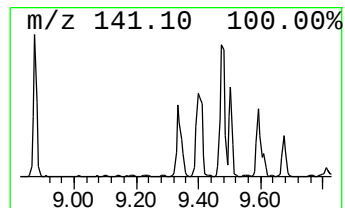
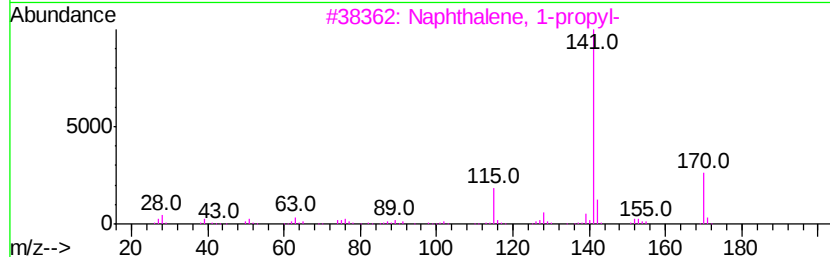
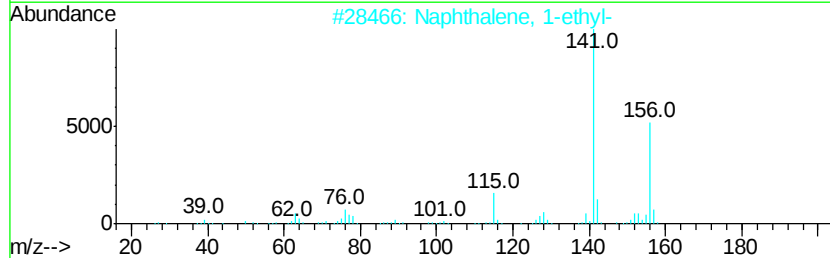
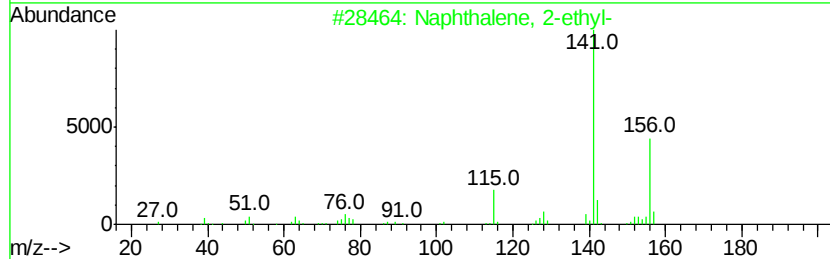
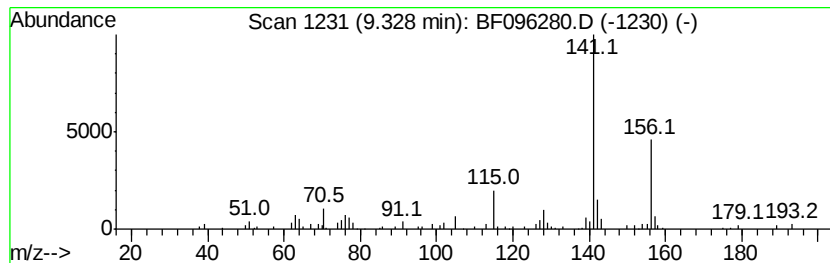
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.46 ng	302590	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	64
4		1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	53
5		Glutaric acid, di(1-(2,6-difluor...	412	C21H20F4O4	1000377-26-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
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Operator : SJ/MA
Sample : I3909-03 10X
Misc :
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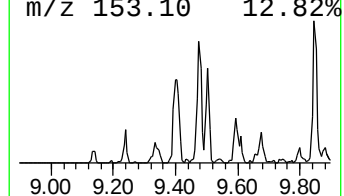
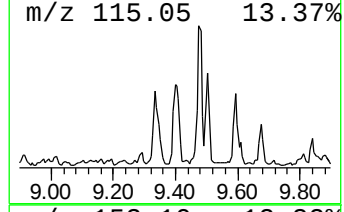
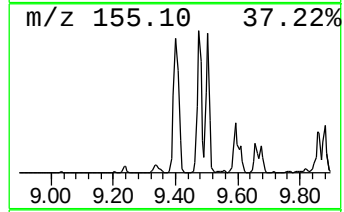
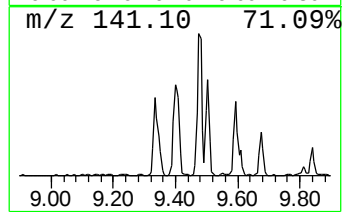
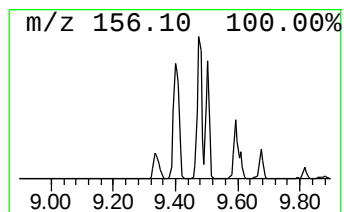
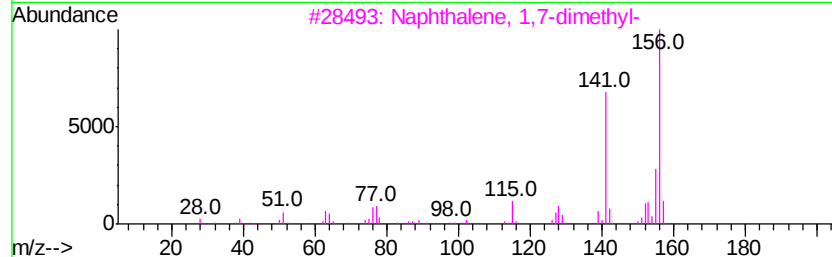
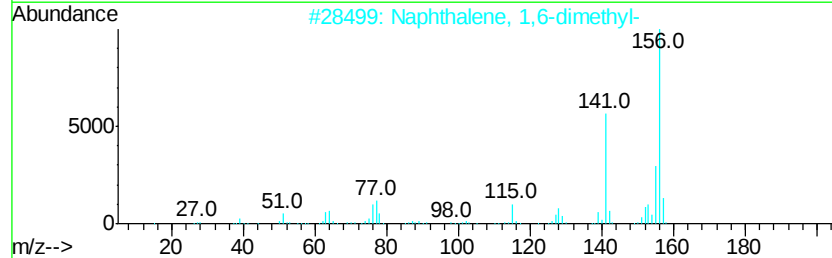
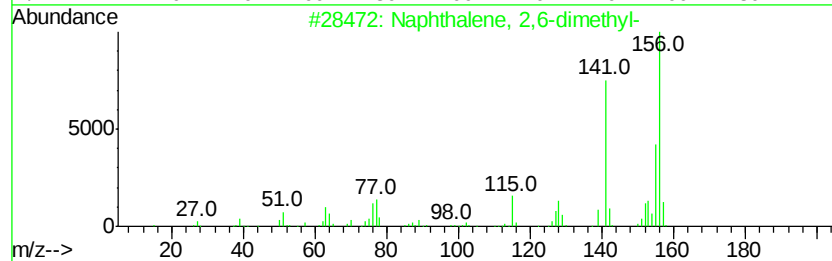
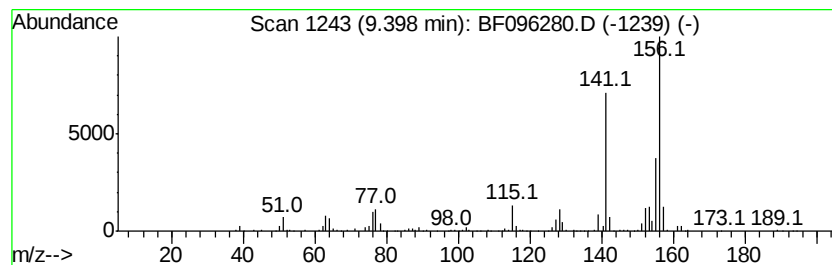
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	13.19 ng	731116	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
Sample : I3909-03 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

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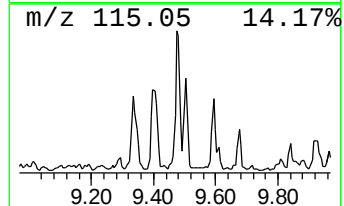
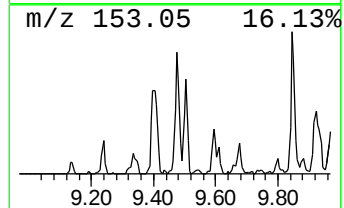
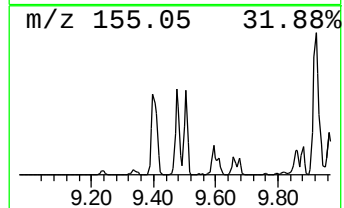
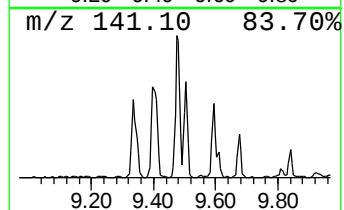
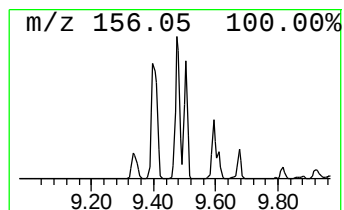
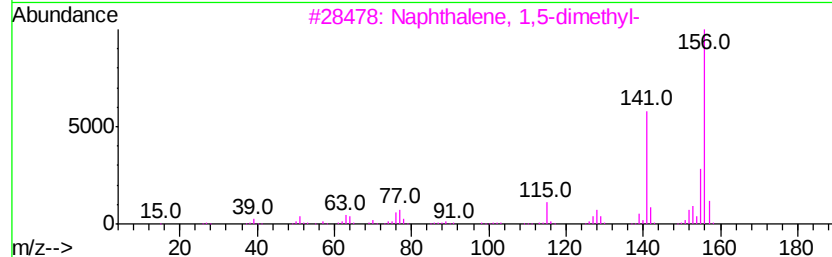
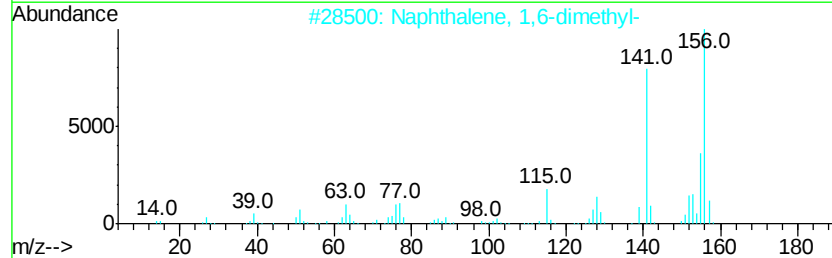
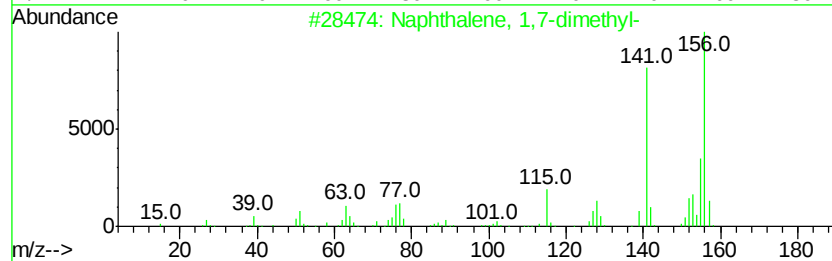
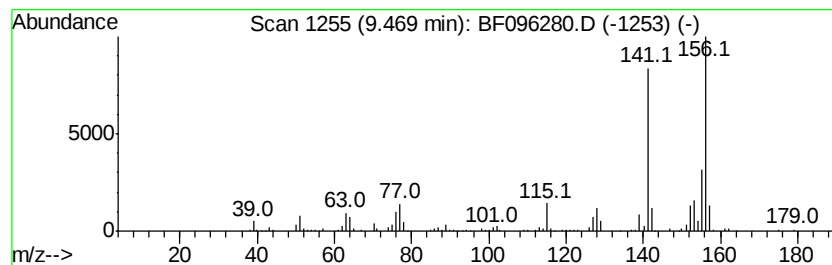
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	14.32 ng	794051	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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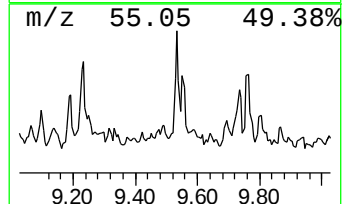
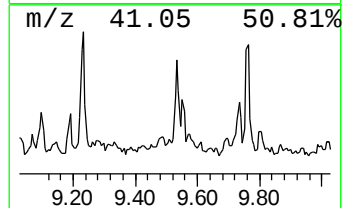
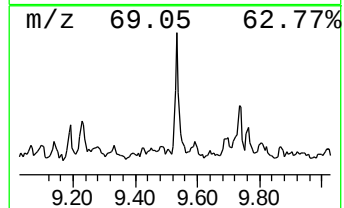
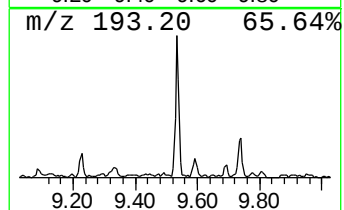
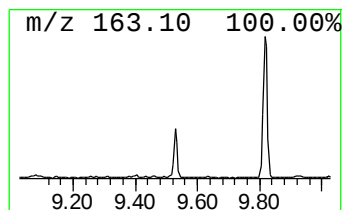
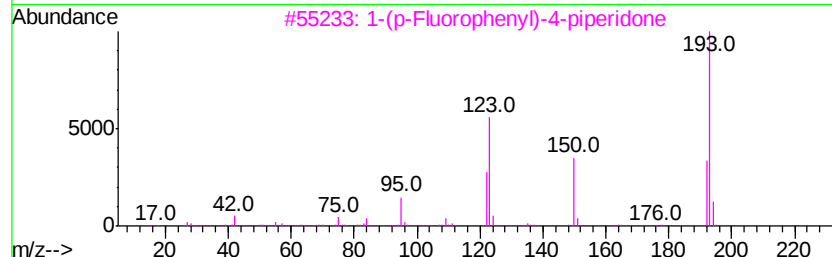
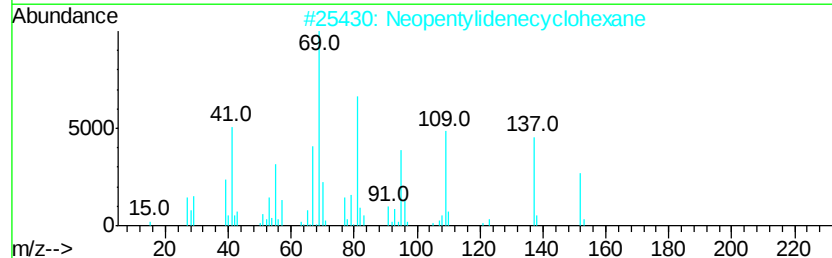
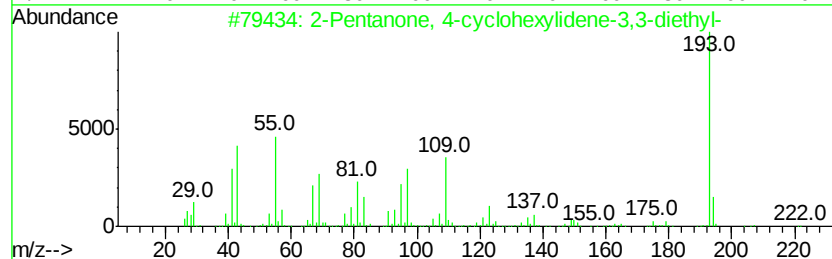
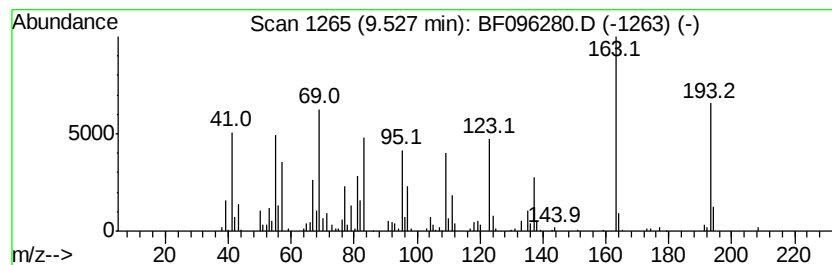
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.53 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	6.02 ng	333818	Acenaphthene-d10	9.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-cvclohexvlidene-3...	222	C15H26O	313253-65-5	35
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	22
4			Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	14
5			Crotyl methacrylate	140	C8H12O2	007376-45-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
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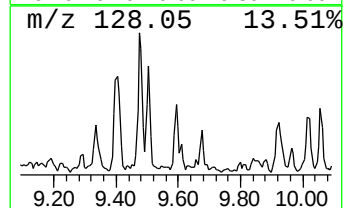
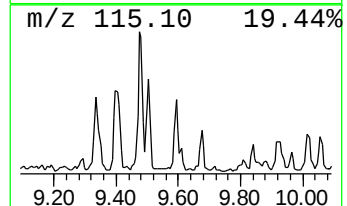
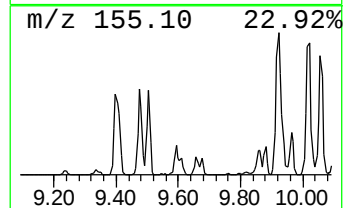
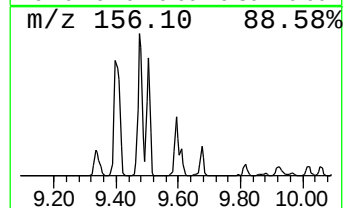
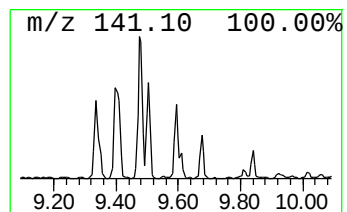
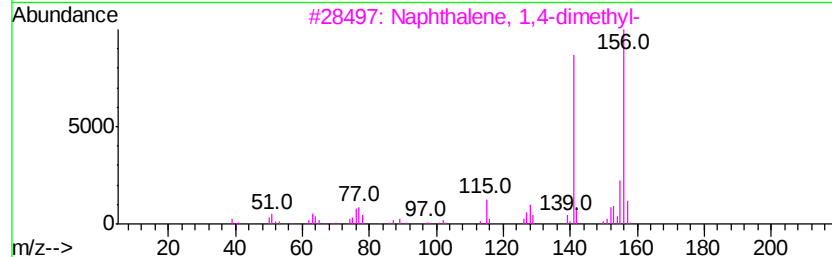
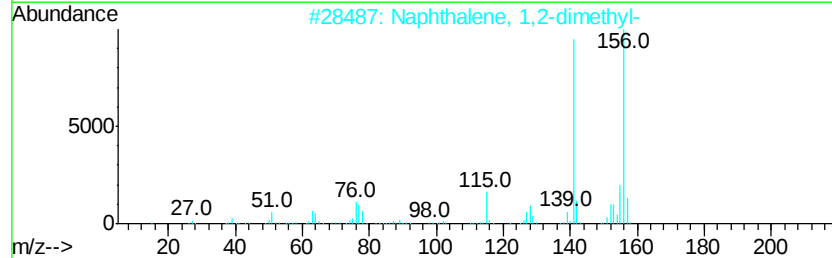
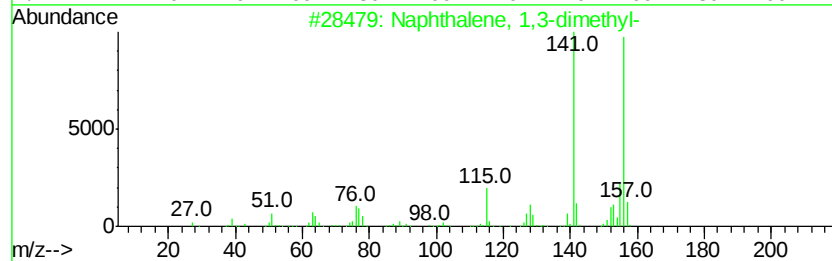
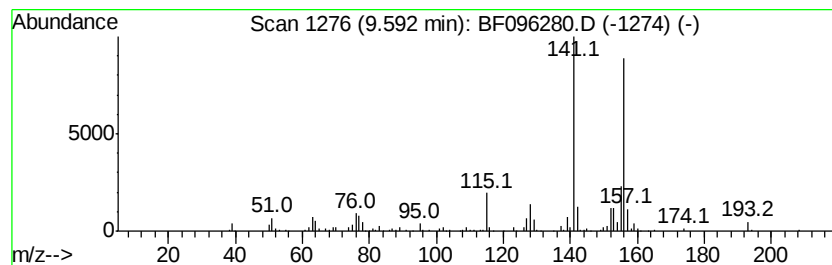
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	6.60 ng	366104	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 98
2		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
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ClientSampleId :
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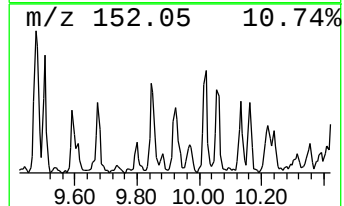
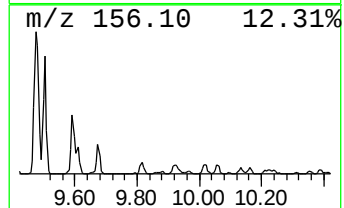
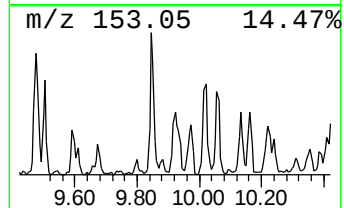
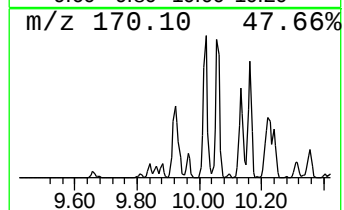
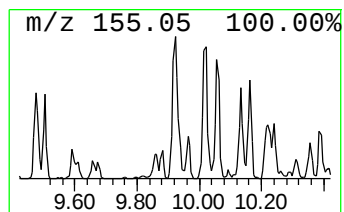
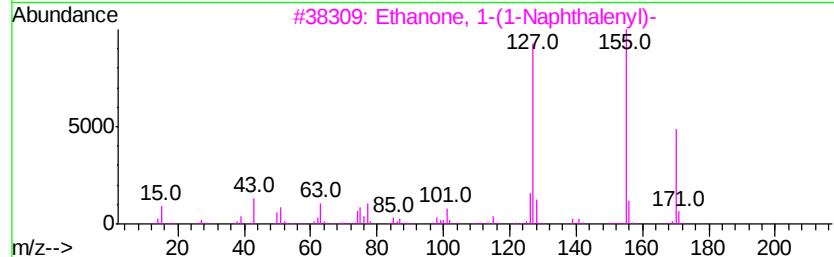
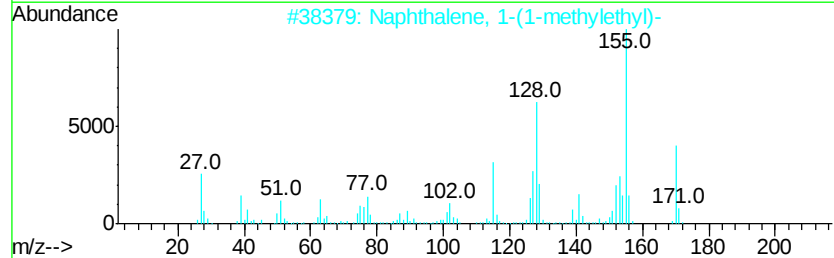
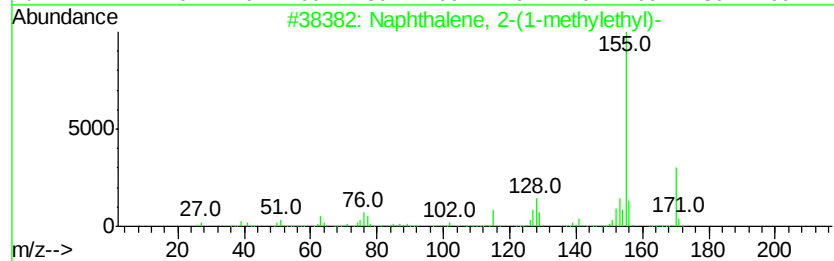
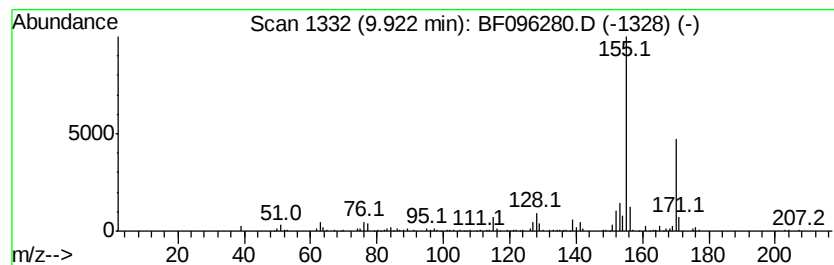
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.08 ng	337404	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
3		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
4		Ethanone, 1-(5-chloro-2-hydroxyphenyl)-	170	C8H7ClO2	001450-74-4	72
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
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Misc :
ALS Vial : 37 Sample Multiplier: 1

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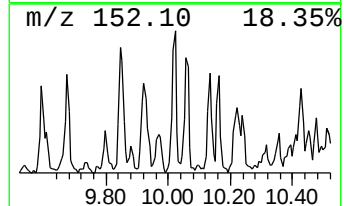
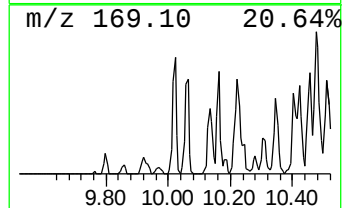
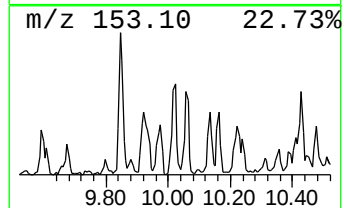
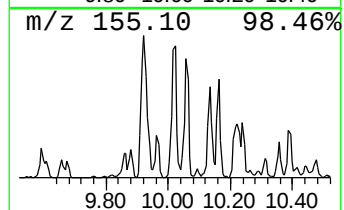
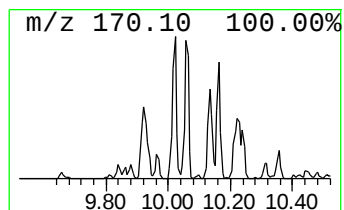
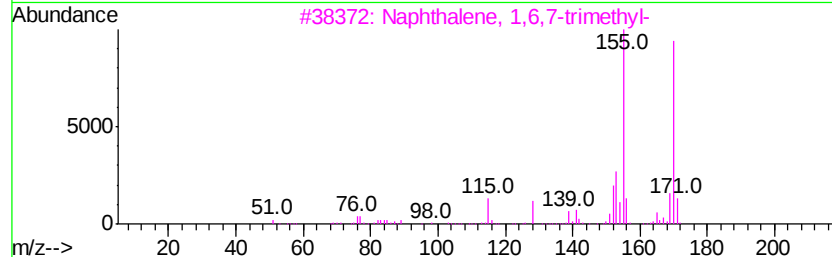
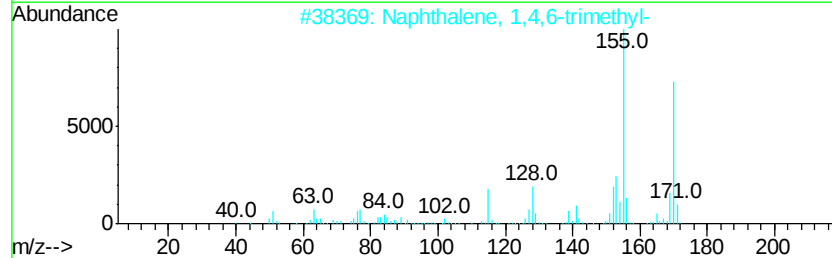
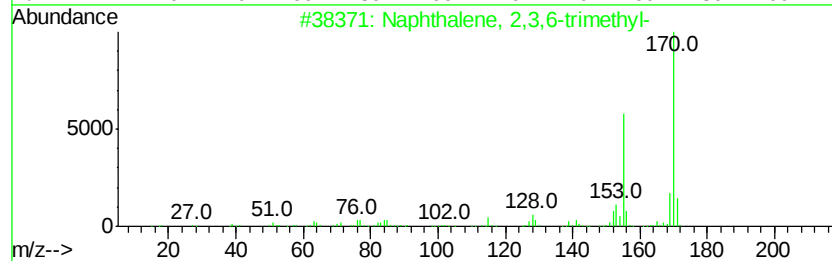
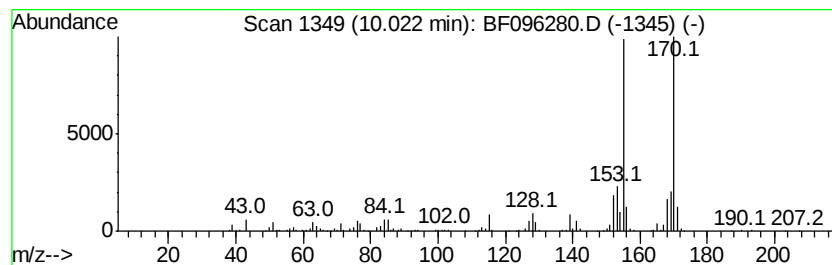
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	6.97 ng	386384	Acenaphthene-d10	9.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
Sample : I3909-03 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

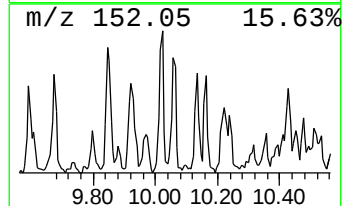
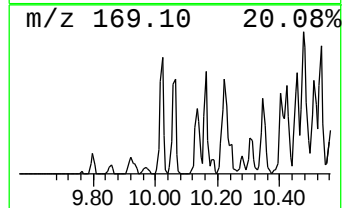
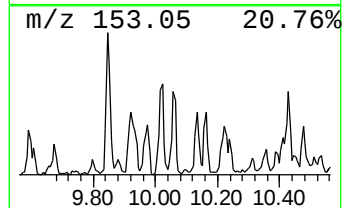
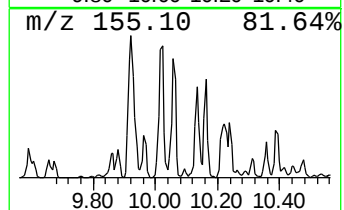
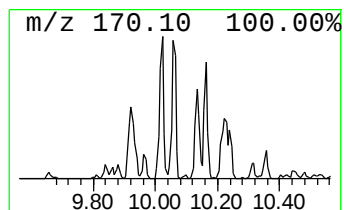
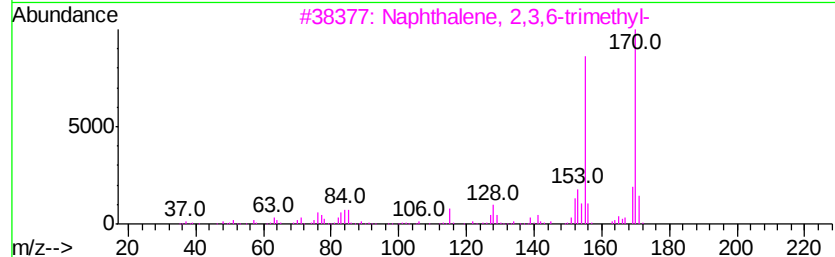
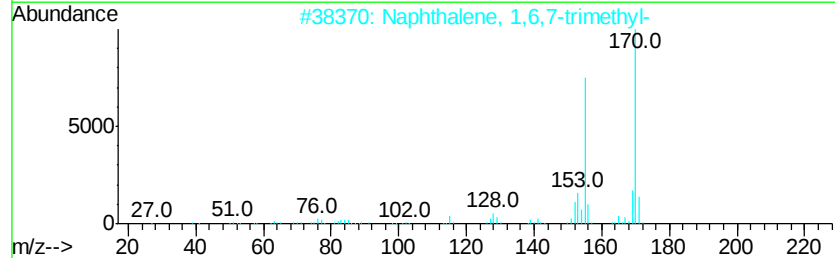
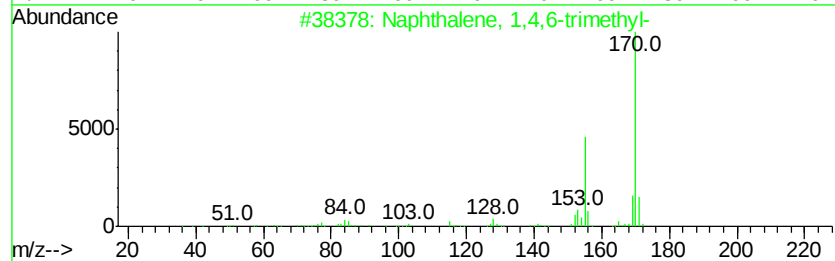
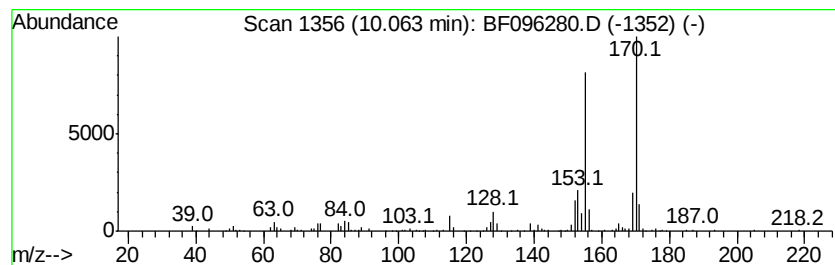
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	5.09 ng	282028	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
Sample : I3909-03 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

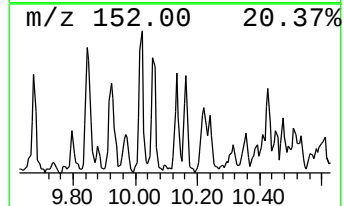
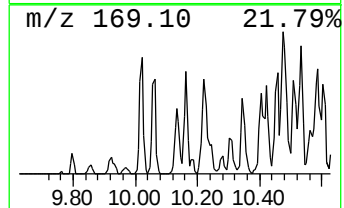
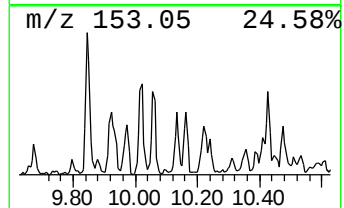
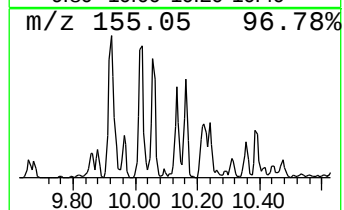
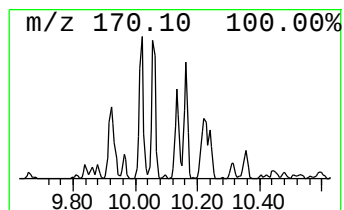
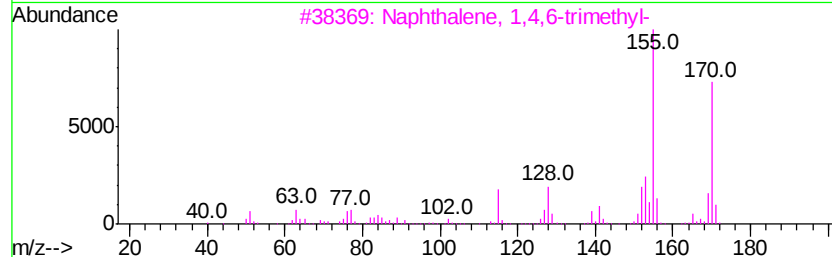
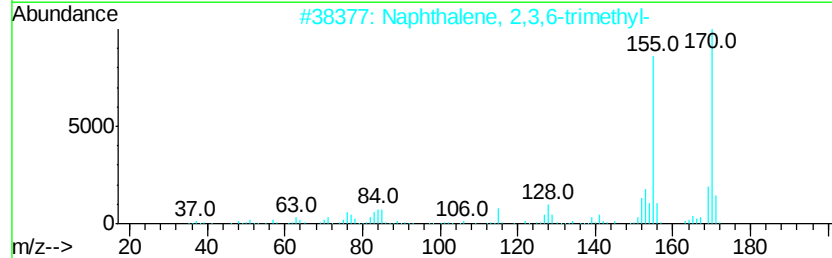
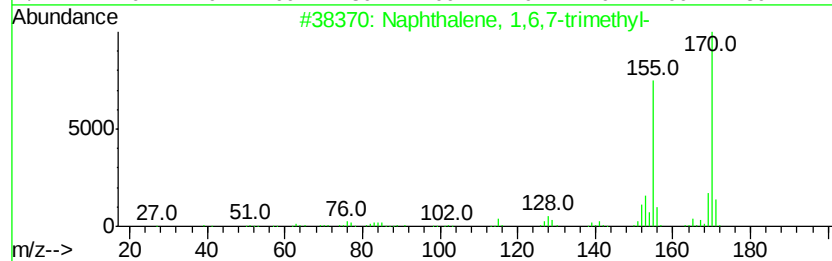
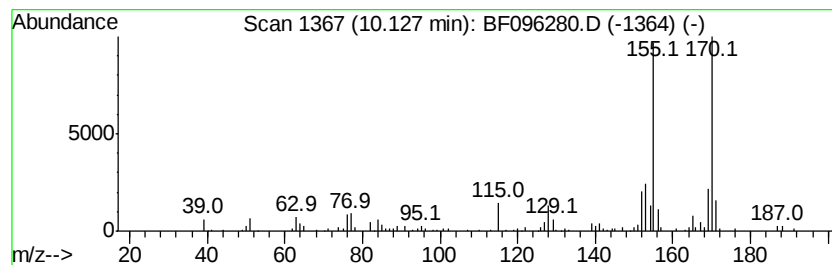
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	4.17 ng	231300	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
Sample : I3909-03 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

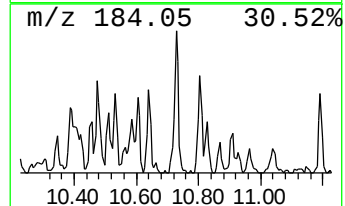
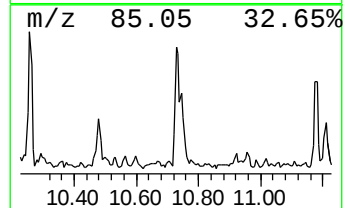
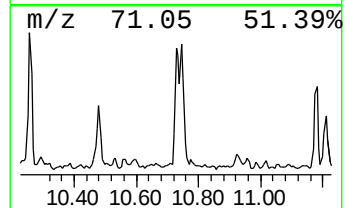
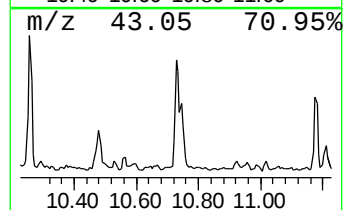
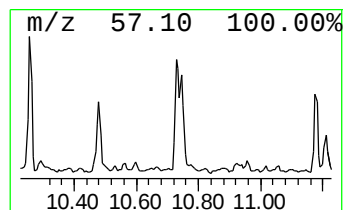
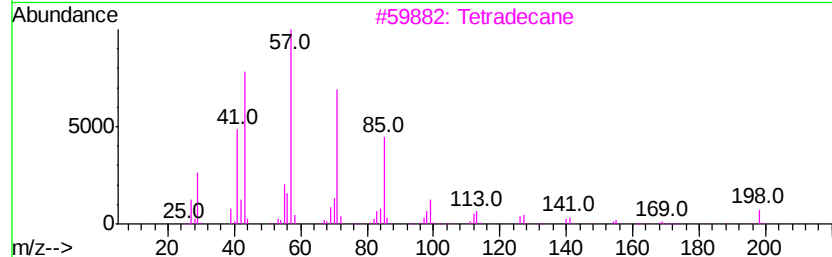
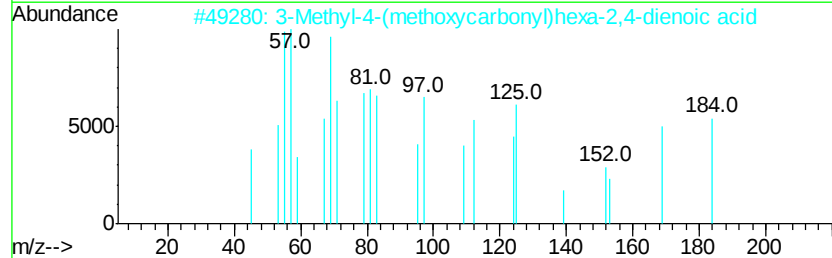
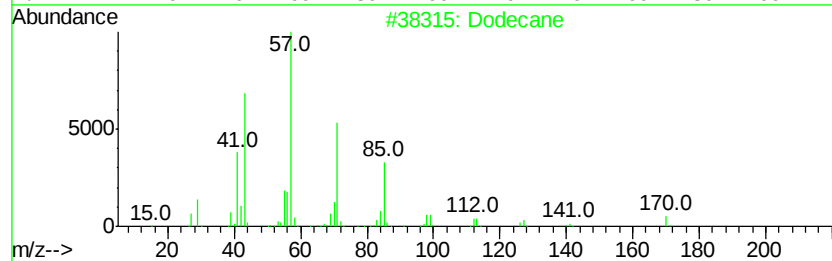
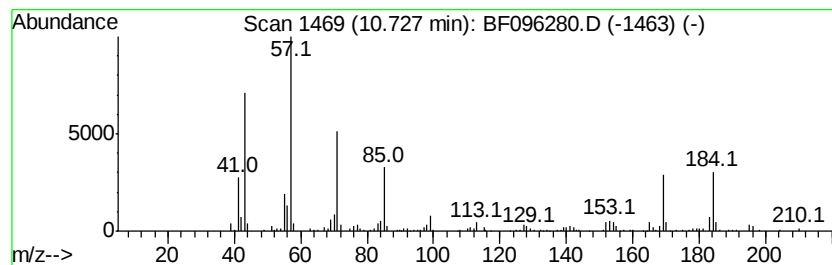
Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	11.98 ng	560534	Phenanthrene-d10	11.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	60
2	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	55
3	Tetradecane	198 C14H30	000629-59-4	50
4	Hexadecane	226 C16H34	000544-76-3	49
5	Pentadecane	212 C15H32	000629-62-9	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096280.D
Acq On : 29 Jun 2017 6:27
Operator : SJ/MA
Sample : I3909-03 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-Q4-BASE

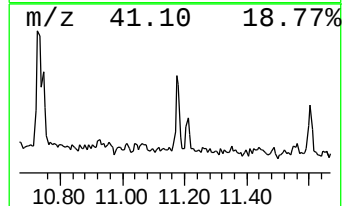
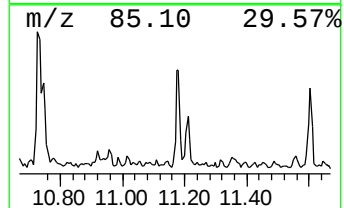
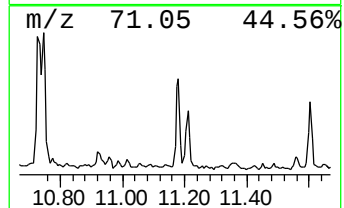
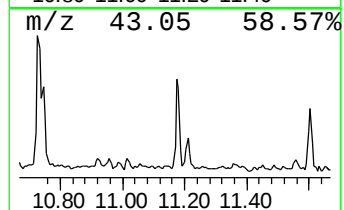
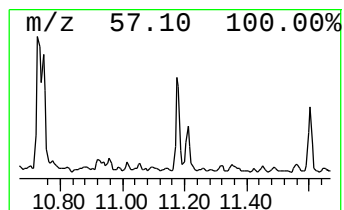
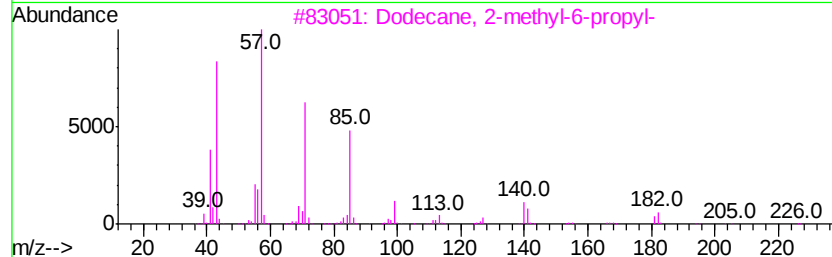
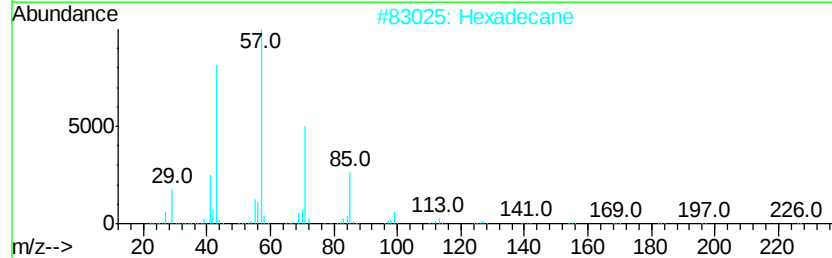
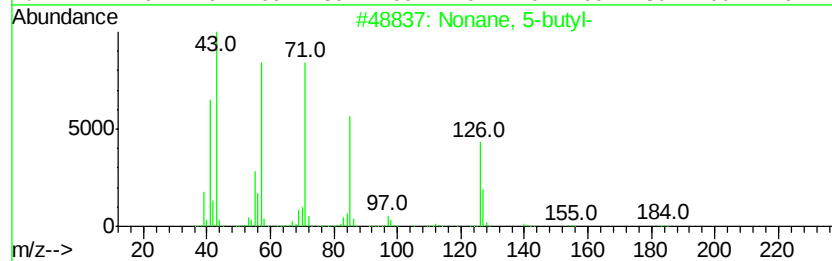
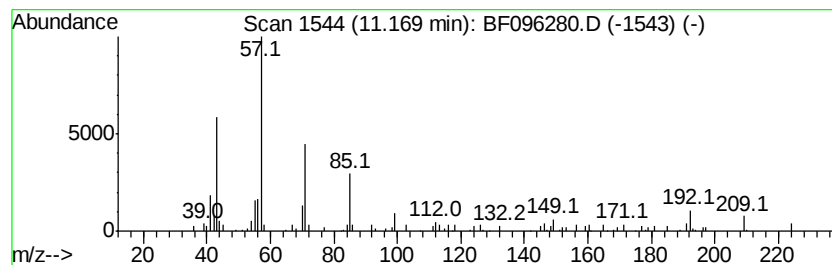
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonane, 5-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	4.74 ng	221920	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	92
2		Hexadecane	226	C16H34	000544-76-3	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Pentadecane	212	C15H32	000629-62-9	72
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062817\
 Data File : BF096280.D
 Acq On : 29 Jun 2017 6:27
 Operator : SJ/MA
 Sample : I3909-03 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q4-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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
unknown6.55	6.55	9.2	ng	382508	1	6.78	834787	20.0
Hexadecane	8.67	4.0	ng	240646	2	8.06	1198530	20.0
Naphthalene, 1-me...	8.87	8.4	ng	502107	2	8.06	1198530	20.0
Naphthalene, 2-et...	9.33	5.5	ng	302590	3	9.82	1108990	20.0
Naphthalene, 2,6-...	9.40	13.2	ng	731116	3	9.82	1108990	20.0
Naphthalene, 1,7-...	9.47	14.3	ng	794051	3	9.82	1108990	20.0
unknown9.53	9.53	6.0	ng	333818	3	9.82	1108990	20.0
Naphthalene, 1,3-...	9.59	6.6	ng	366104	3	9.82	1108990	20.0
Naphthalene, 2-(1...	9.92	6.1	ng	337404	3	9.82	1108990	20.0
Naphthalene, 2,3,...	10.02	7.0	ng	386384	3	9.82	1108990	20.0
Naphthalene, 1,4,...	10.06	5.1	ng	282028	3	9.82	1108990	20.0
Naphthalene, 1,6,...	10.13	4.2	ng	231300	3	9.82	1108990	20.0
Dodecane	10.73	12.0	ng	560534	4	11.29	935738	20.0
Nonane, 5-butyl-	11.17	4.7	ng	221920	4	11.29	935738	20.0