

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097196.D
 Acq On : 29 Jul 2017 11:23
 Operator : SJ/JU
 Sample : I4421-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

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-BF072517.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	4.640	464	468	477	rBV	267345	430649	14.01%	1.071%
2	4.710	477	480	489	rVB	51261	61815	2.01%	0.154%
3	5.093	541	545	559	rBV	2631911	3073195	100.00%	7.642%
4	6.157	719	726	736	rBV	2518324	3039751	98.91%	7.559%
5	6.234	736	739	741	rVV	212054	228543	7.44%	0.568%
6	6.263	741	744	750	rVB	2723113	2567182	83.53%	6.384%
7	6.487	779	782	790	rBV	708243	703796	22.90%	1.750%
8	6.645	805	809	818	rBV	2100162	2038730	66.34%	5.070%
9	6.816	835	838	842	rBV	107276	102619	3.34%	0.255%
10	7.057	870	879	882	rBV	1759040	1761237	57.31%	4.380%
11	7.298	917	920	924	rVB2	117854	115792	3.77%	0.288%
12	7.445	942	945	948	rVV3	68340	74981	2.44%	0.186%
13	7.510	952	956	960	rBV3	87561	105251	3.42%	0.262%
14	7.551	960	963	966	rVB2	64647	63882	2.08%	0.159%
15	7.604	966	972	976	rVB4	73888	114061	3.71%	0.284%
16	7.651	976	980	983	rBV	95457	89164	2.90%	0.222%
17	7.769	997	1000	1002	rVV	1089315	1048245	34.11%	2.607%
18	7.792	1002	1004	1012	rVV	1293659	1173196	38.18%	2.917%
19	7.857	1012	1015	1016	rVV2	70096	59314	1.93%	0.148%
20	7.957	1025	1032	1036	rBV3	109784	147748	4.81%	0.367%
21	8.051	1043	1048	1052	rBV5	73471	153422	4.99%	0.382%
22	8.139	1060	1063	1064	rBV2	61220	61990	2.02%	0.154%
23	8.163	1064	1067	1071	rVB2	148296	127889	4.16%	0.318%
24	8.216	1073	1076	1079	rBV3	152598	188042	6.12%	0.468%
25	8.245	1079	1081	1083	rVB	87741	70347	2.29%	0.175%
26	8.339	1094	1097	1099	rVB	82149	66614	2.17%	0.166%
27	8.398	1103	1107	1109	rBV3	75400	89197	2.90%	0.222%
28	8.486	1118	1122	1125	rVB	1164919	1063333	34.60%	2.644%
29	8.522	1125	1128	1130	rBV4	60635	74189	2.41%	0.184%
30	8.581	1135	1138	1142	rVV	758530	625272	20.35%	1.555%
31	8.763	1164	1169	1171	rBV	155057	164329	5.35%	0.409%
32	8.816	1175	1178	1180	rBV	196849	166998	5.43%	0.415%
33	8.851	1180	1184	1187	rVV	2275635	2051941	66.77%	5.103%
34	8.945	1194	1200	1203	rBV	308358	339950	11.06%	0.845%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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35	8.992	1206	1208	1211	rVV	114393	98566	3.21%	0.245%
36	9.051	1214	1218	1223	rVB3	210310	298621	9.72%	0.743%
37	9.110	1224	1228	1231	rVV	252954	335545	10.92%	0.834%
38	9.157	1233	1236	1237	rVV2	145331	138191	4.50%	0.344%
39	9.181	1237	1240	1243	rVV2	407001	562191	18.29%	1.398%
40	9.210	1243	1245	1246	rVV	303192	264024	8.59%	0.657%
41	9.228	1246	1248	1249	rVV	330633	266726	8.68%	0.663%
42	9.251	1249	1252	1253	rVV	577699	578180	18.81%	1.438%
43	9.269	1253	1255	1257	rVV2	422313	428636	13.95%	1.066%
44	9.292	1257	1259	1264	rVB3	273511	319495	10.40%	0.795%
45	9.381	1270	1274	1275	rBV4	196727	232099	7.55%	0.577%
46	9.428	1279	1282	1287	rVB	262602	264683	8.61%	0.658%
47	9.475	1287	1290	1292	rBV	229453	269701	8.78%	0.671%
48	9.492	1292	1293	1294	rVV	148204	103773	3.38%	0.258%
49	9.516	1294	1297	1300	rVB	723572	622319	20.25%	1.548%
50	9.586	1307	1309	1312	rVB3	80744	70370	2.29%	0.175%
51	9.622	1312	1315	1320	rBV3	233243	383395	12.48%	0.953%
52	9.681	1322	1325	1327	rVV4	133139	169958	5.53%	0.423%
53	9.698	1327	1328	1330	rVV	171054	112432	3.66%	0.280%
54	9.722	1330	1332	1335	rVV3	159300	180480	5.87%	0.449%
55	9.763	1337	1339	1341	rVV	153375	139268	4.53%	0.346%
56	9.792	1342	1344	1347	rVB3	213656	196136	6.38%	0.488%
57	9.839	1348	1352	1354	rBV3	234687	270421	8.80%	0.672%
58	9.898	1359	1362	1364	rBV3	194782	229566	7.47%	0.571%
59	9.922	1364	1366	1368	rVV3	254025	226134	7.36%	0.562%
60	9.945	1368	1370	1372	rVV4	114059	105560	3.43%	0.263%
61	9.975	1372	1375	1378	rVV2	190838	178056	5.79%	0.443%
62	10.033	1379	1385	1387	rVV5	212355	329664	10.73%	0.820%
63	10.063	1387	1390	1392	rVV4	115316	116266	3.78%	0.289%
64	10.086	1392	1394	1397	rVV2	113703	105286	3.43%	0.262%
65	10.128	1398	1401	1403	rVV3	199870	201037	6.54%	0.500%
66	10.192	1407	1412	1414	rBV3	240027	271071	8.82%	0.674%
67	10.304	1427	1431	1435	rVB2	1175969	1166900	37.97%	2.902%
68	10.345	1435	1438	1439	rVV2	70085	68023	2.21%	0.169%
69	10.363	1439	1441	1444	rVV	284018	210470	6.85%	0.523%
70	10.422	1448	1451	1452	rVV	161694	160675	5.23%	0.400%
71	10.457	1454	1457	1460	rVV	427555	453644	14.76%	1.128%

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72	10.522	1463	1468	1471	rVV3	134448	226209	7.36%	0.563%
73	10.551	1471	1473	1477	rVB3	122016	107109	3.49%	0.266%
74	10.610	1477	1483	1485	rBV6	108337	201674	6.56%	0.502%
75	10.633	1485	1487	1494	rVB4	105286	125262	4.08%	0.311%
76	10.716	1499	1501	1504	rVV4	76264	88380	2.88%	0.220%
77	10.751	1505	1507	1513	rVB5	130445	187406	6.10%	0.466%
78	10.804	1513	1516	1518	rBV4	64842	68819	2.24%	0.171%
79	10.839	1519	1522	1525	rVB	120645	126036	4.10%	0.313%
80	10.916	1532	1535	1540	rVB3	150458	202108	6.58%	0.503%
81	10.992	1544	1548	1550	rBV	665587	624712	20.33%	1.554%
82	11.016	1550	1552	1556	rVB	272304	235037	7.65%	0.584%
83	11.063	1558	1560	1564	rVB2	91442	86339	2.81%	0.215%
84	11.104	1565	1567	1572	rVB4	59797	71762	2.34%	0.178%
85	11.310	1600	1602	1605	rBV3	71160	83373	2.71%	0.207%
86	11.598	1648	1651	1654	rBV	94886	109944	3.58%	0.273%
87	11.933	1705	1708	1711	rVB	61249	58927	1.92%	0.147%
88	12.198	1749	1753	1757	rVB	492312	479206	15.59%	1.192%
89	12.422	1786	1791	1794	rBV	518057	544720	17.72%	1.355%
90	12.574	1813	1817	1820	rBV	1808270	1691250	55.03%	4.206%
91	12.751	1845	1847	1850	rVB2	76585	68841	2.24%	0.171%
92	13.486	1969	1972	1978	rVB	204070	258170	8.40%	0.642%
93	13.616	1989	1994	1996	rBV2	665640	753555	24.52%	1.874%
94	13.639	1996	1998	2002	rVB	227351	197985	6.44%	0.492%
95	14.610	2160	2163	2170	rVB	201482	364272	11.85%	0.906%
96	14.857	2203	2205	2208	rVB	98020	94056	3.06%	0.234%
97	14.915	2212	2215	2219	rVB	153719	181521	5.91%	0.451%
98	14.968	2220	2224	2227	rBV	295833	345449	11.24%	0.859%
99	16.551	2490	2493	2500	rVB	76327	131479	4.28%	0.327%
100	16.815	2534	2538	2545	rBV5	55654	128867	4.19%	0.320%

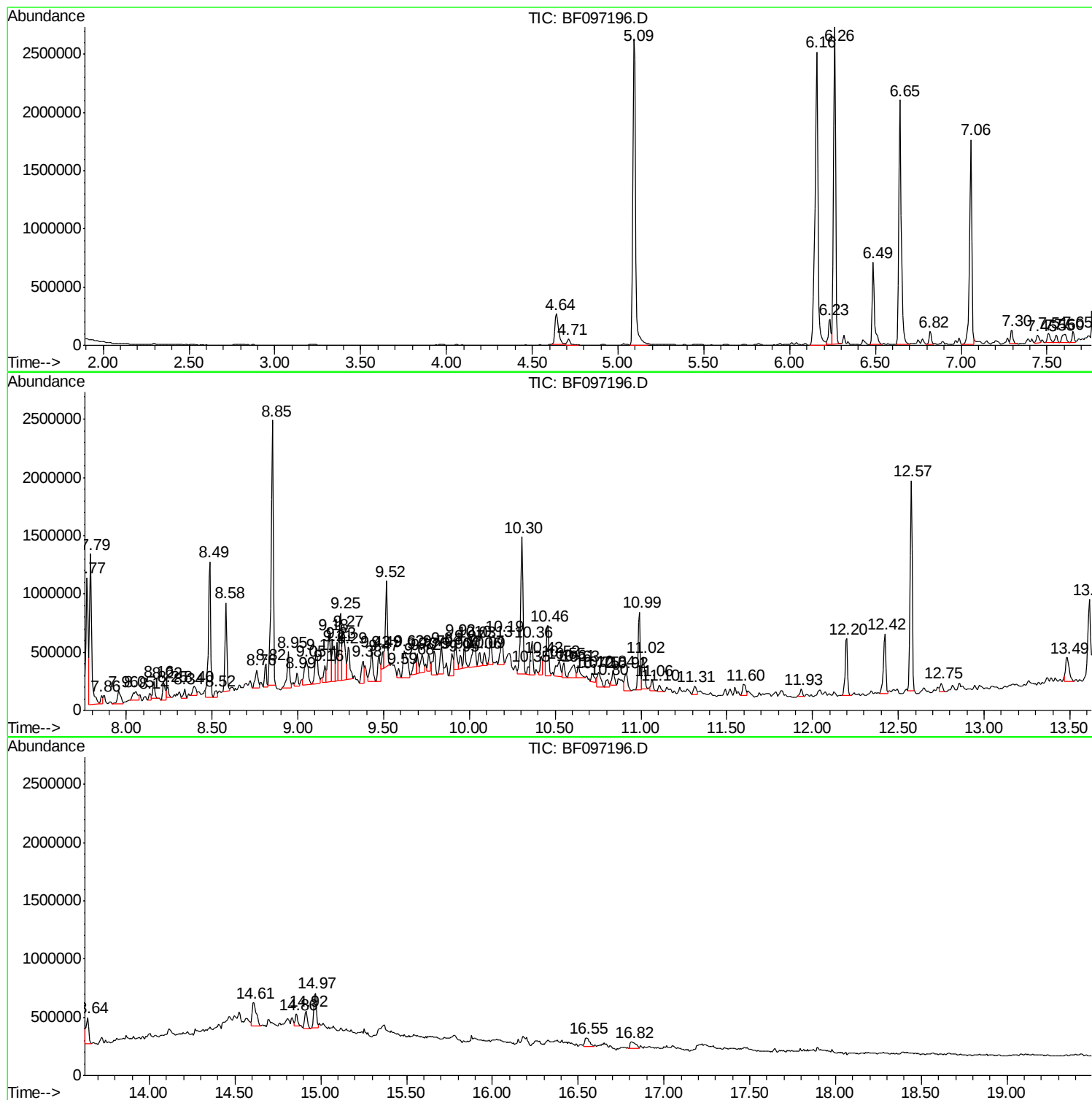
Sum of corrected areas: 40212694

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.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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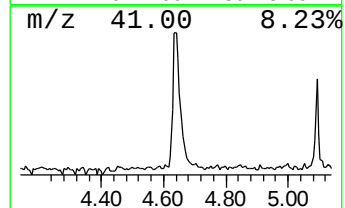
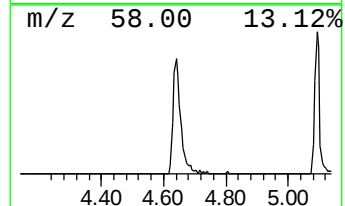
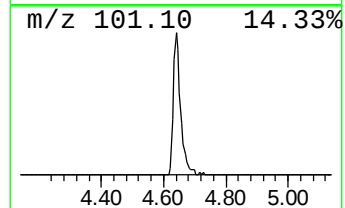
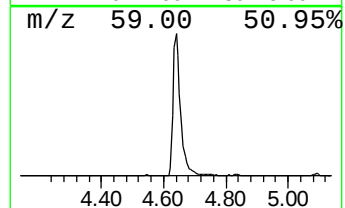
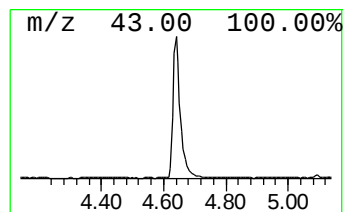
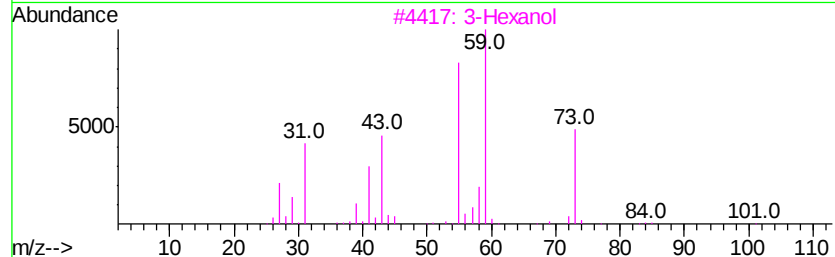
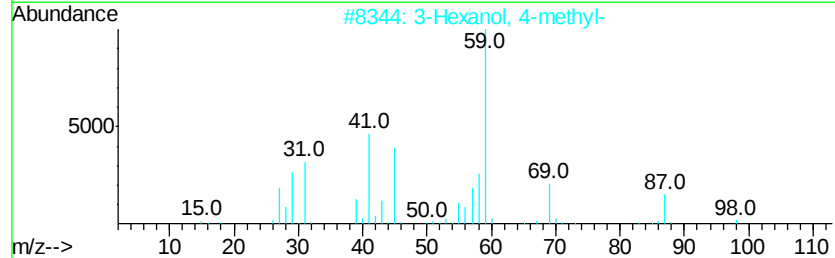
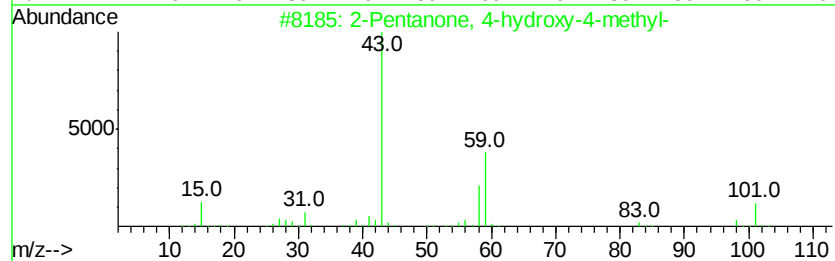
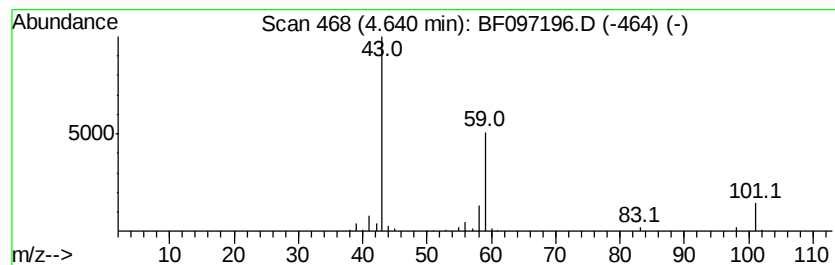
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	12.24 ng	430649	1,4-Dichlorobenzene-d4	6.49

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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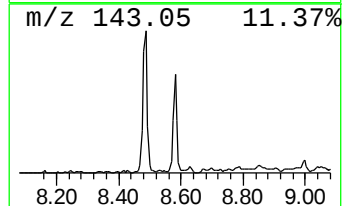
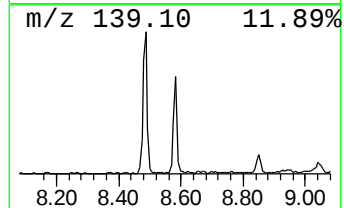
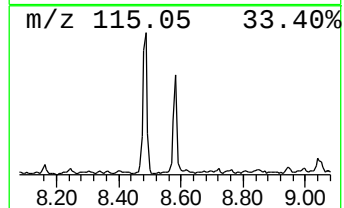
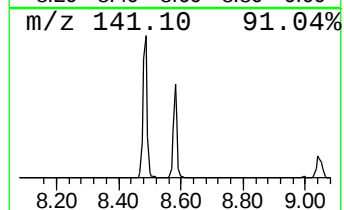
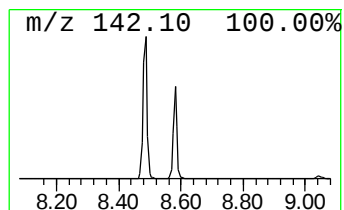
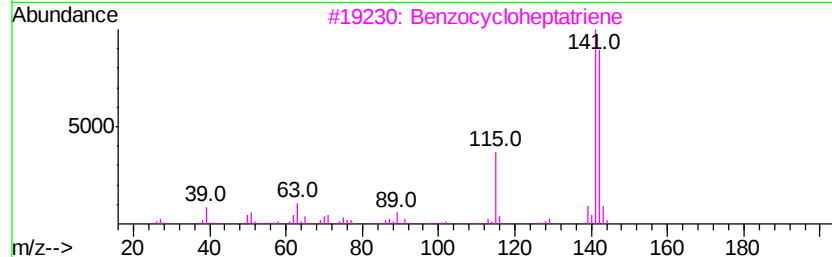
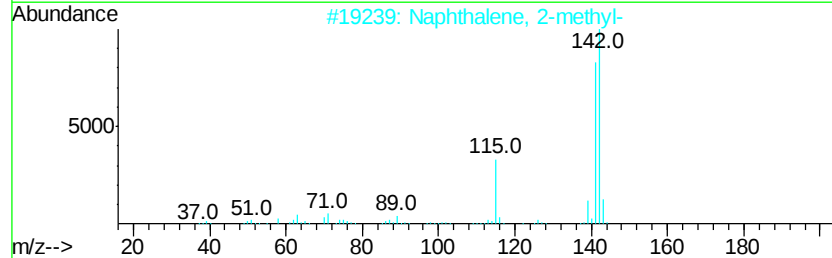
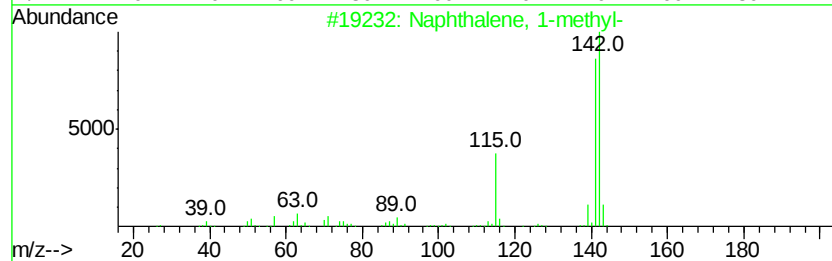
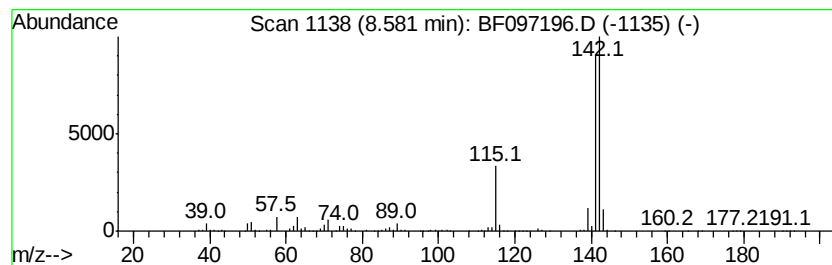
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	11.93 ng	625272	Naphthalene-d8	7.77

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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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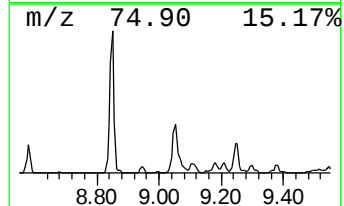
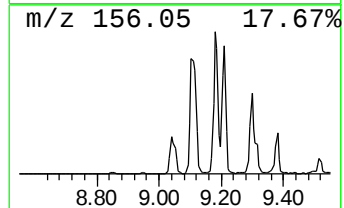
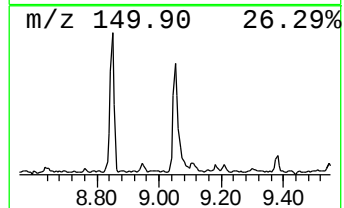
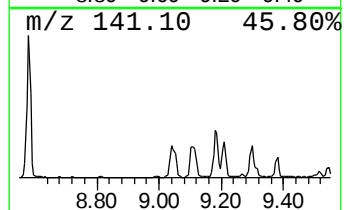
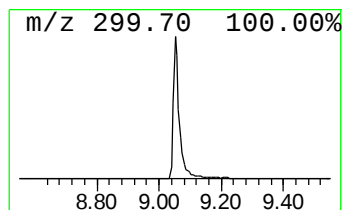
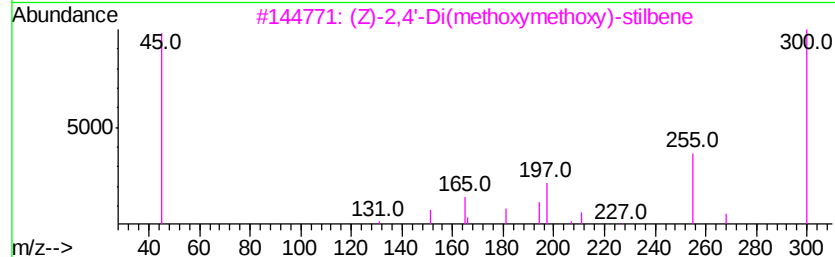
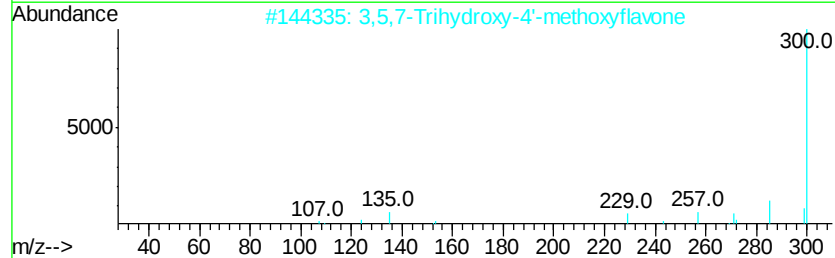
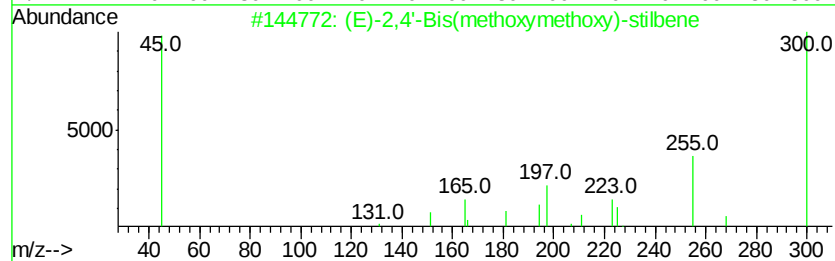
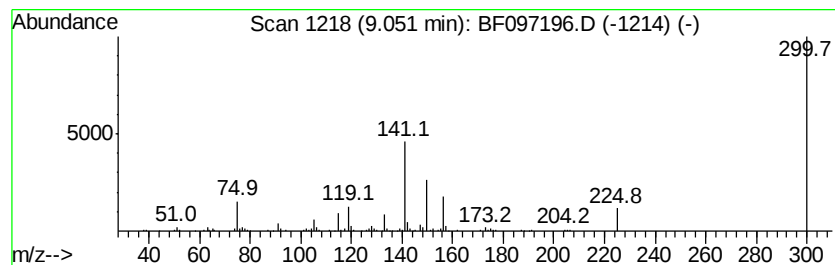
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown9.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	9.60 ng	298621	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-2,4'-Bis(methoxymethoxy)-sti...	300	C18H20O4	115032-47-8	5
2		3,5,7-Trihydroxy-4'-methoxyflavone	300	C16H12O6	000491-54-3	4
3		(Z)-2,4'-Di(methoxymethoxy)-stil...	300	C18H20O4	1000148-70-5	3
4		1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	1
5		Propanedioic acid, (1-methyl-2-p...	214	C11H18O4	000759-35-3	1



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

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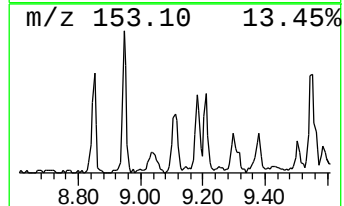
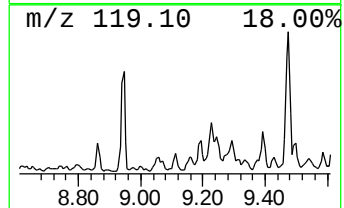
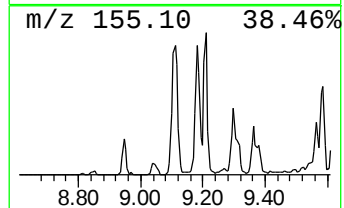
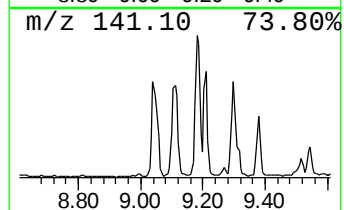
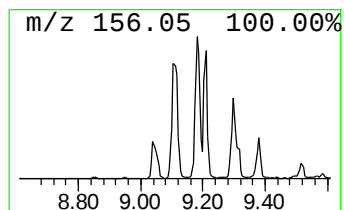
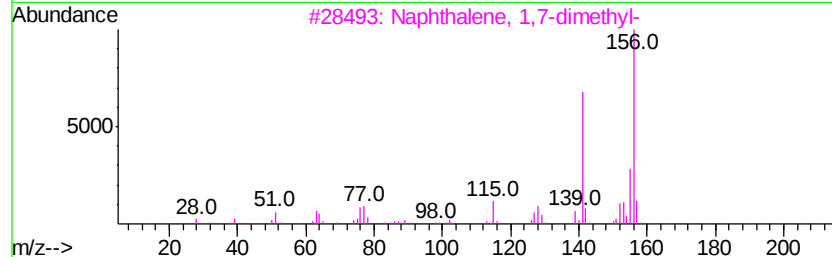
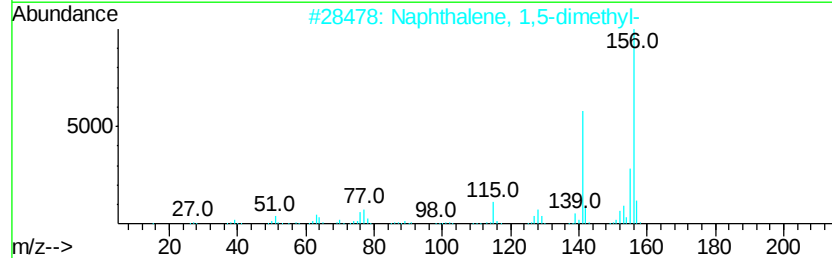
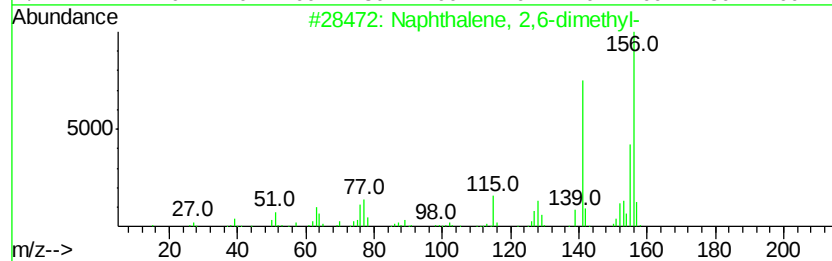
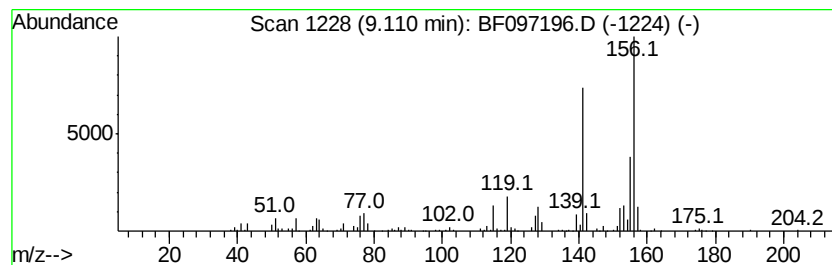
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	10.78 ng	335545	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
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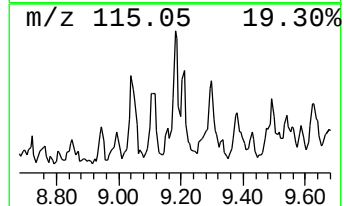
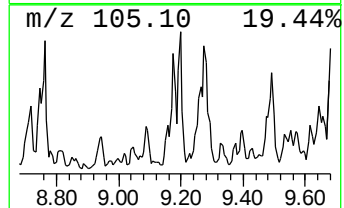
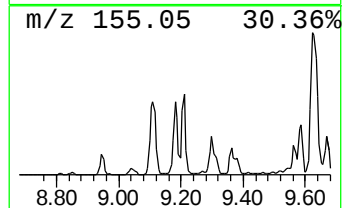
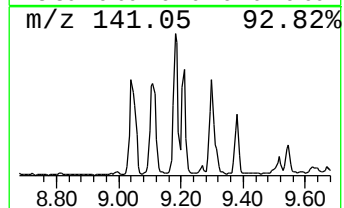
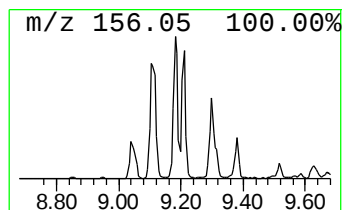
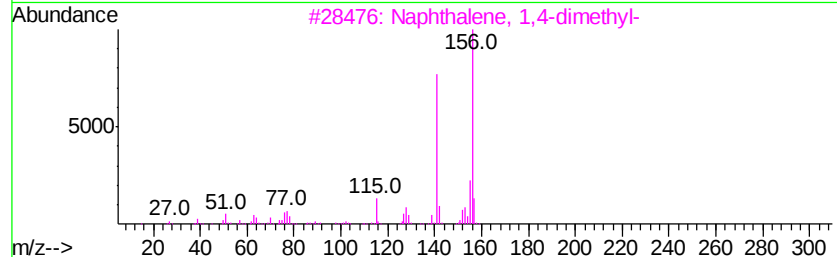
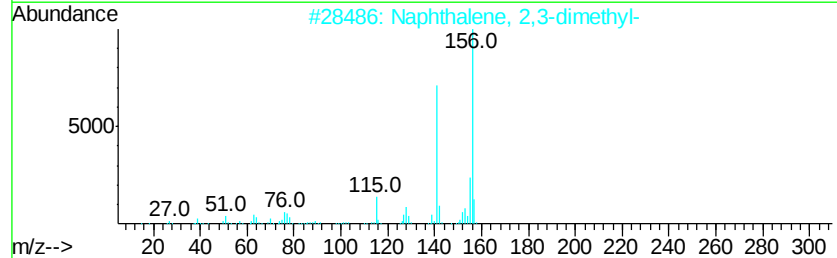
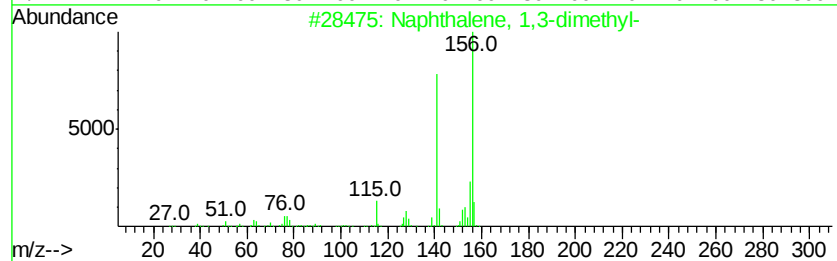
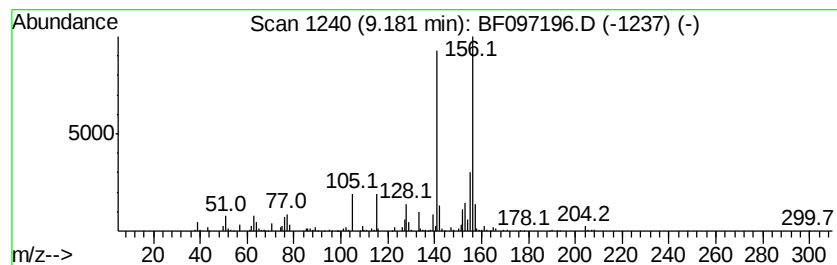
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	18.07 ng	562191	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
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ALS Vial : 38 Sample Multiplier: 1

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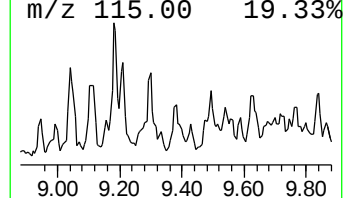
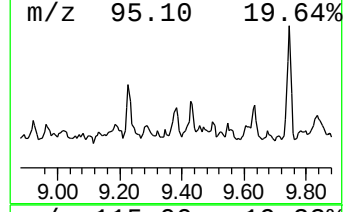
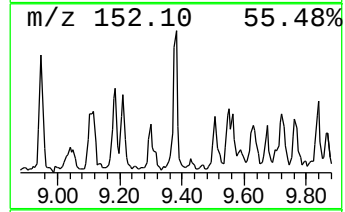
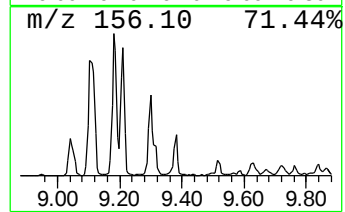
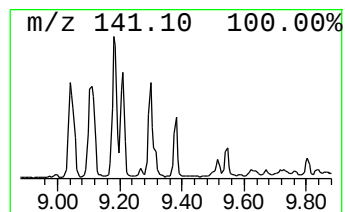
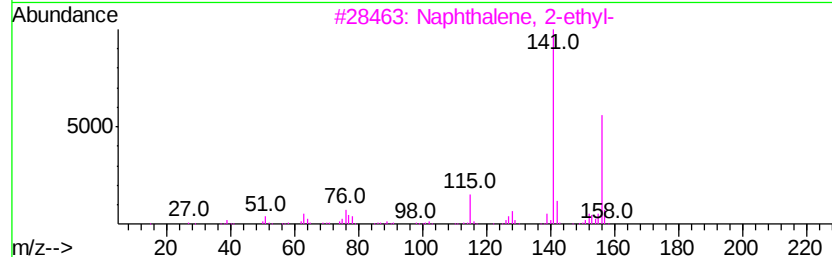
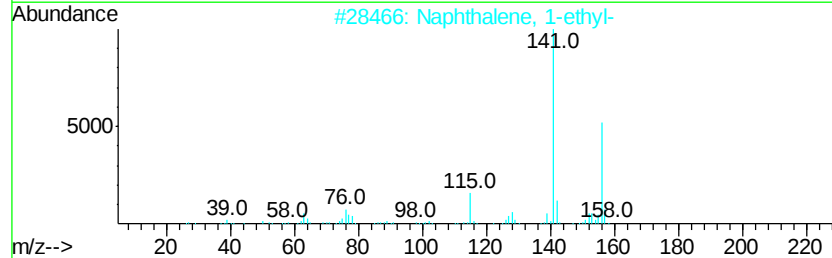
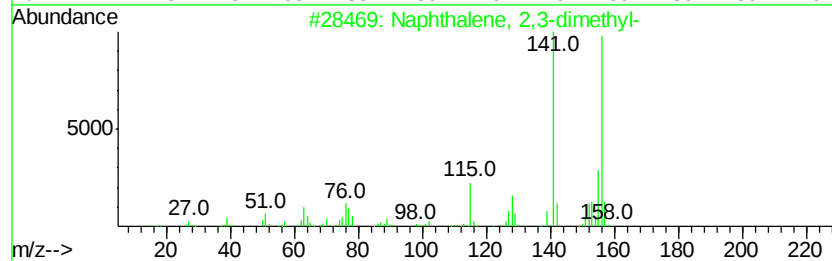
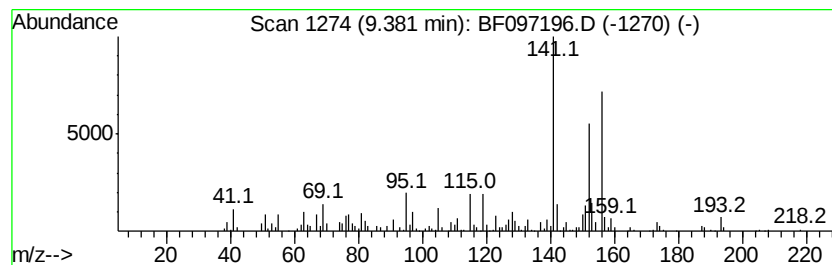
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	7.46 ng	232099	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	78
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
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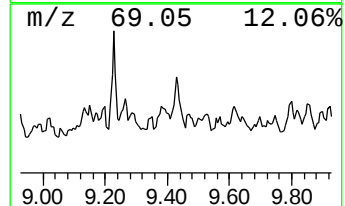
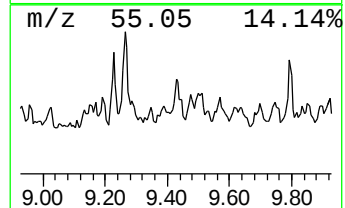
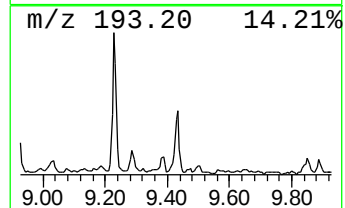
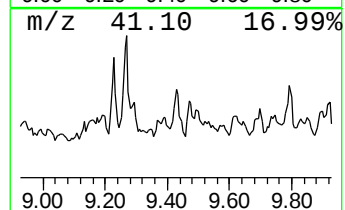
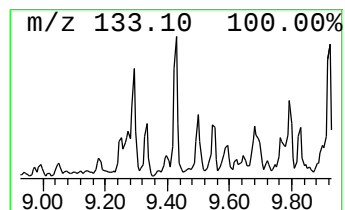
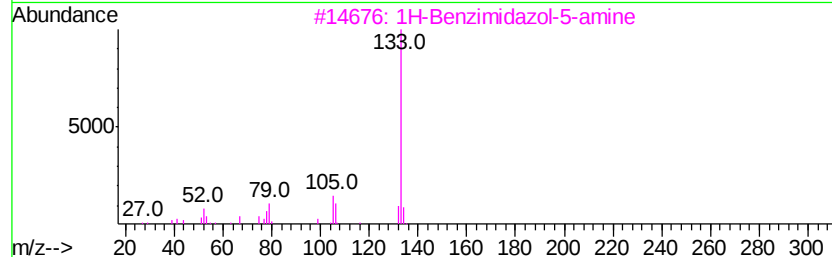
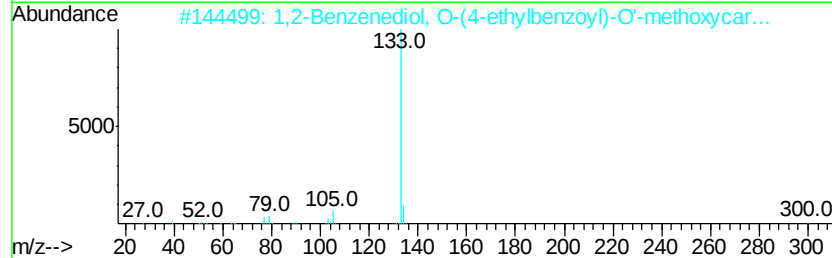
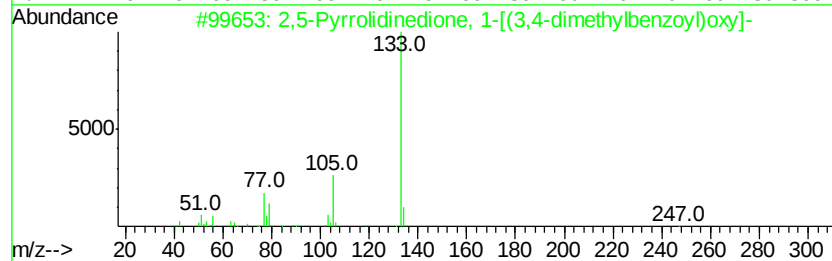
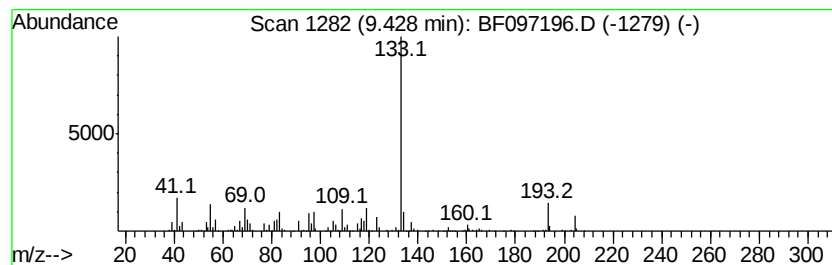
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.43	8.51 ng	264683	Acenaphthene-d10	9.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Pyrrolidinedione, 1-[(3,4-di...	247	C13H13N04	1000306-84-7	47
2	1,2-Benzenediol, O-(4-ethylbenzo...	300	C17H16O5	1000330-50-2	47
3	1H-Benzimidazol-5-amine	133	C7H7N3	000934-22-5	47
4	4-Ethylbenzoic acid, 2,4,6-trich...	328	C15H11Cl3O2	1000325-73-6	47
5	4-Ethylbenzoic acid, 2-formyl-4,...	322	C16H12Cl2O3	1000331-31-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
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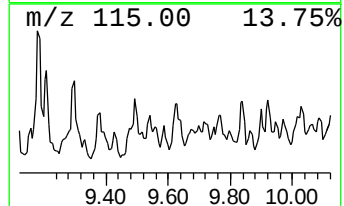
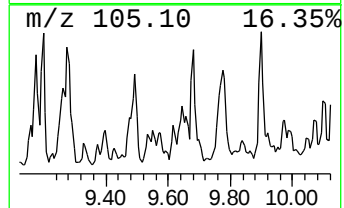
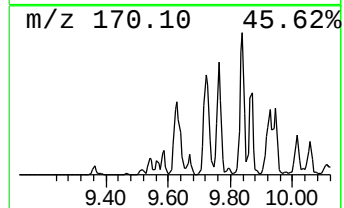
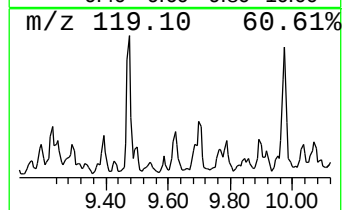
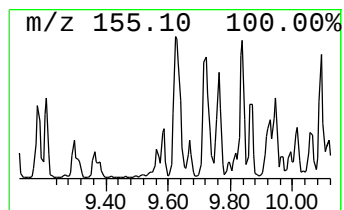
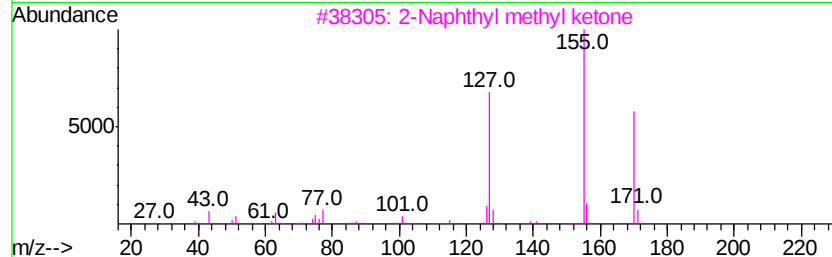
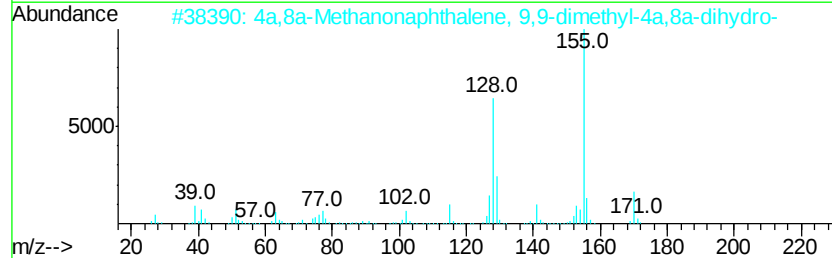
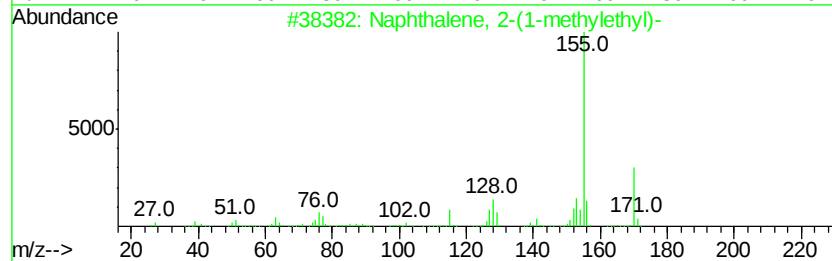
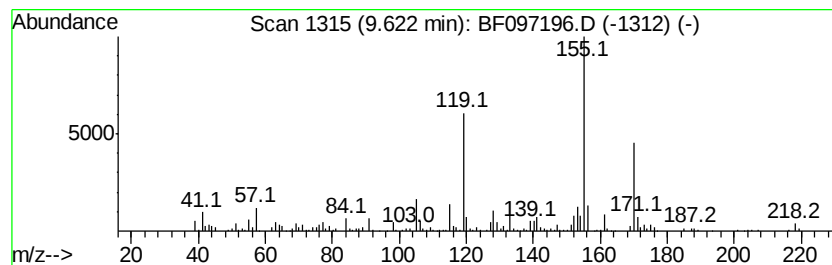
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	12.32 ng	383395	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	89
2		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	68
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	58
4		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	58
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
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Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
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ClientSampleId :
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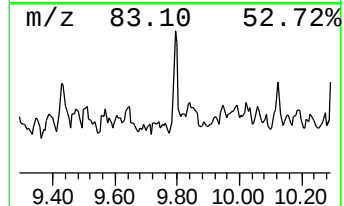
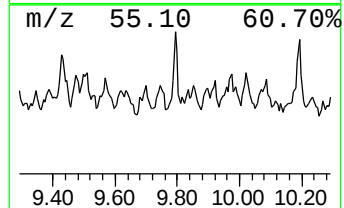
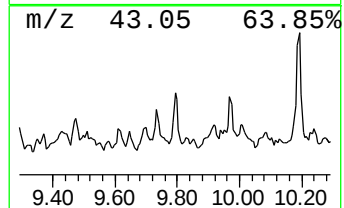
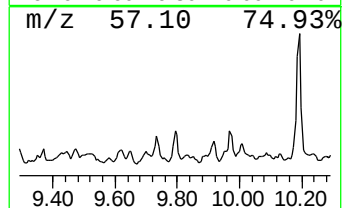
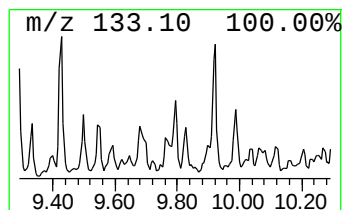
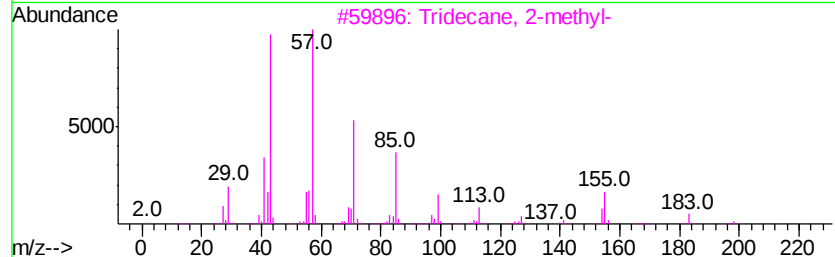
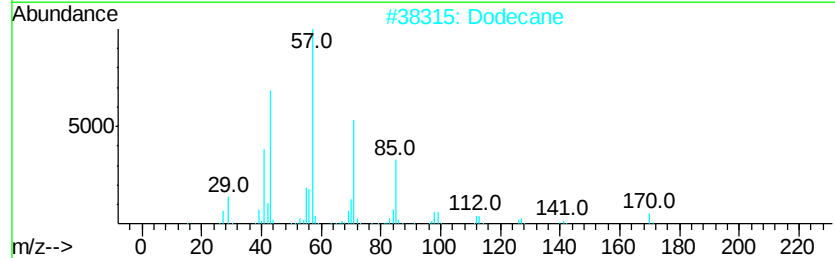
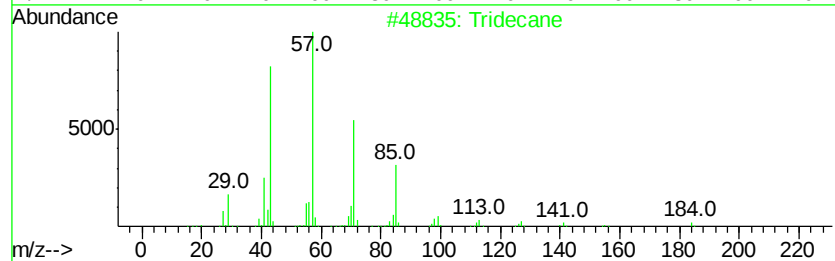
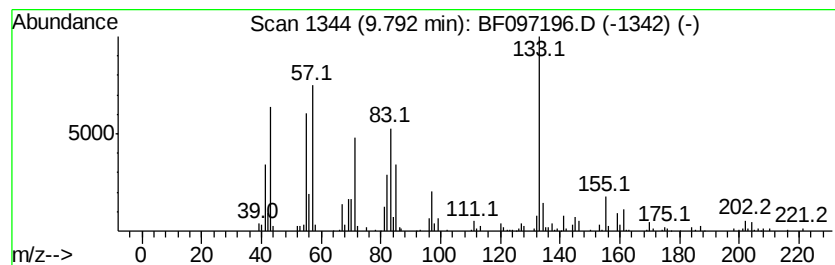
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.79 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.30 ng	196136	Acenaphthene-d10	9.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	25
2			Dodecane	170	C12H26	000112-40-3	25
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	14
4			Tetratetracontane	619	C44H90	007098-22-8	14
5			1-Cyclohexanol, 4-tert.butyl-1-m...	170	C11H22O	1000163-45-0	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
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Acq On : 29 Jul 2017 11:23
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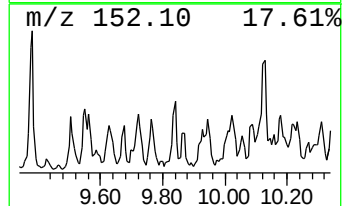
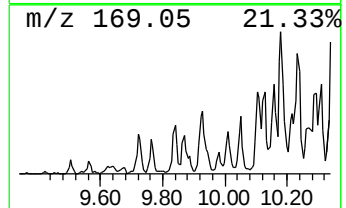
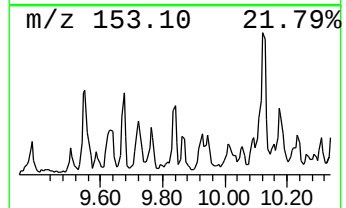
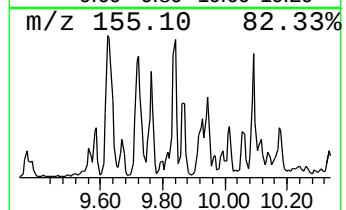
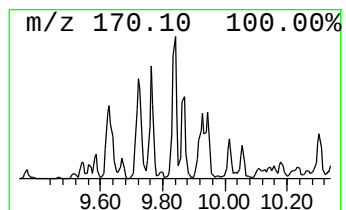
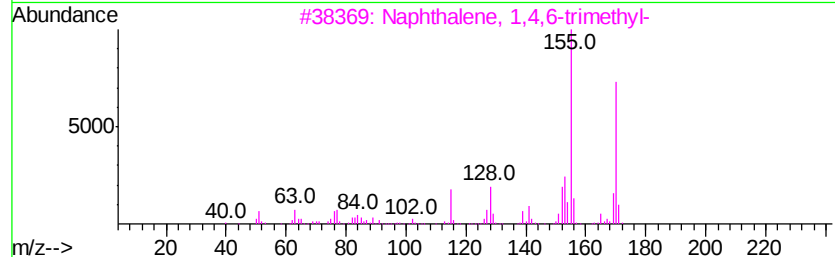
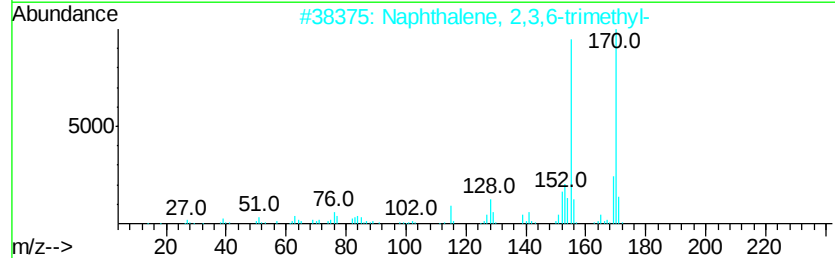
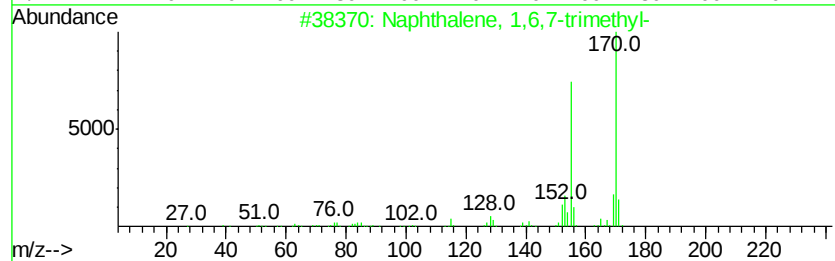
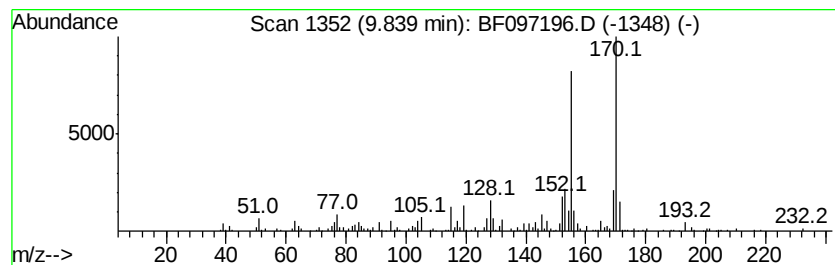
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	8.69 ng	270421	Acenaphthene-d10	9.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	94
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-M6-WSW

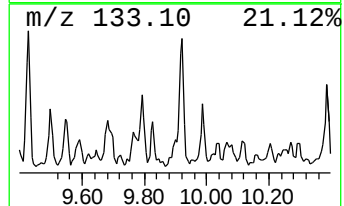
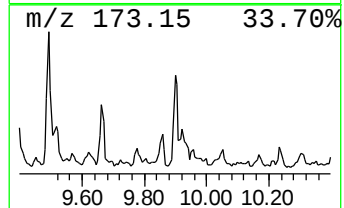
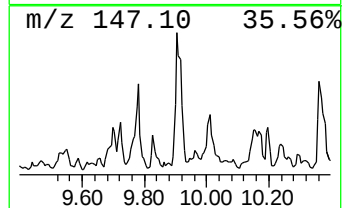
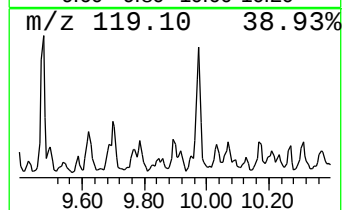
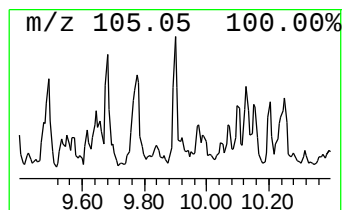
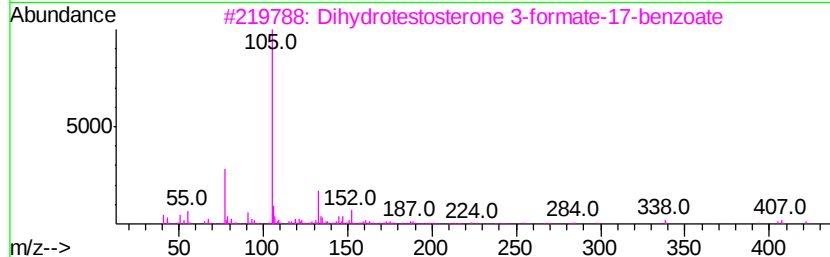
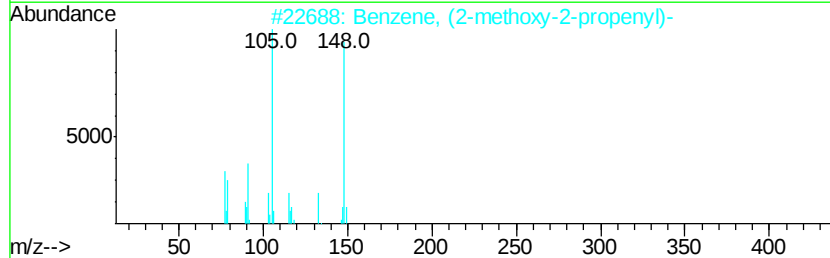
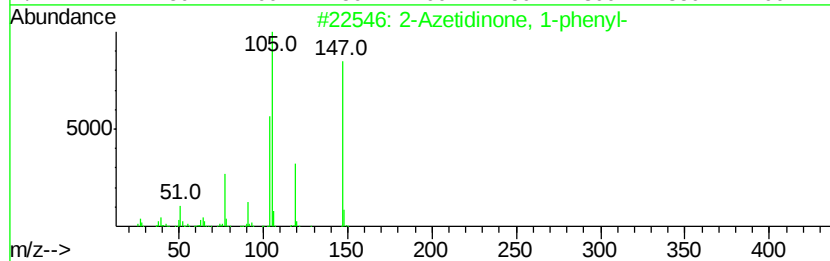
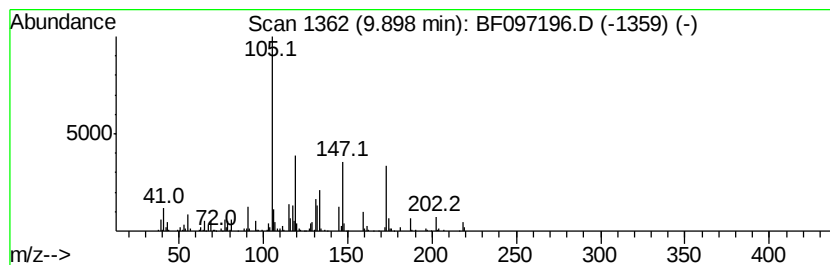
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.90 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	7.38 ng	229566	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Azetidinone, 1-phenyl-	147	C9H9NO	005099-95-6	14
2		Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	9
3		Dihydrotestosterone 3-formate-17...	422	C27H34O4	1000255-43-5	9
4		(-)-Aristolene	204	C15H24	006831-16-9	9
5		Megastigma-7(E),9,13-triene	176	C13H20	081983-67-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
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ClientSampleId :
E2-M6-WSW

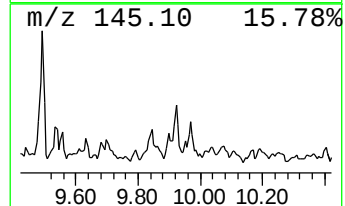
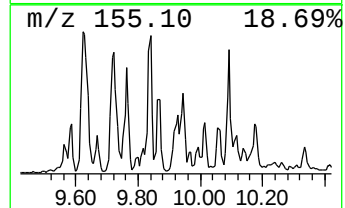
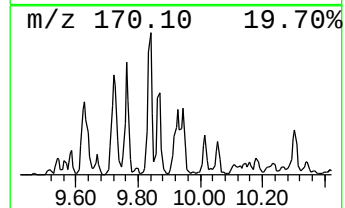
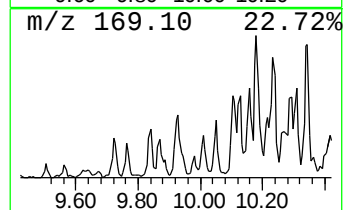
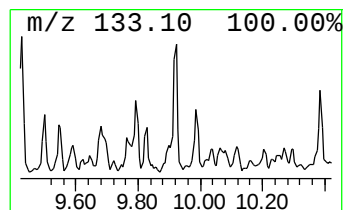
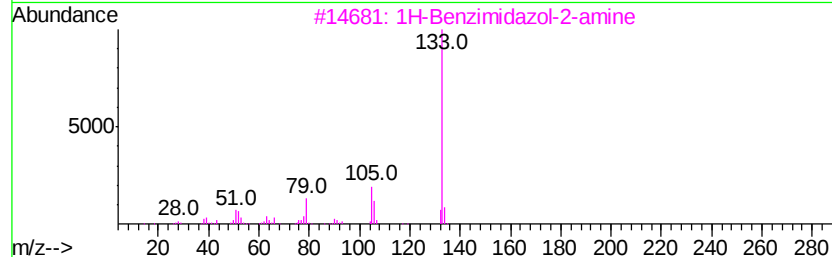
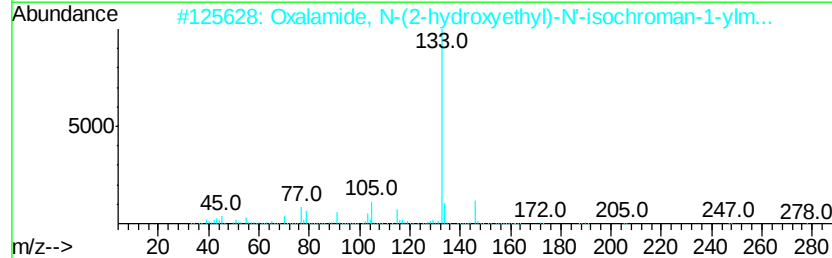
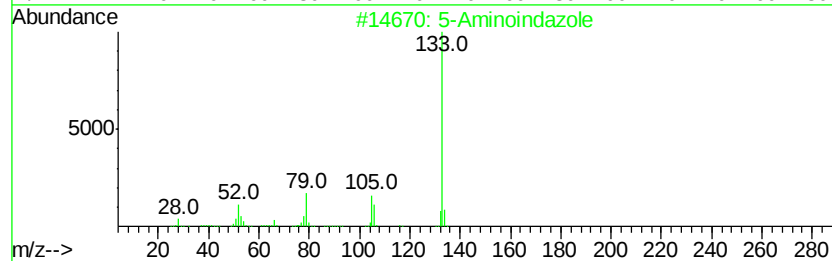
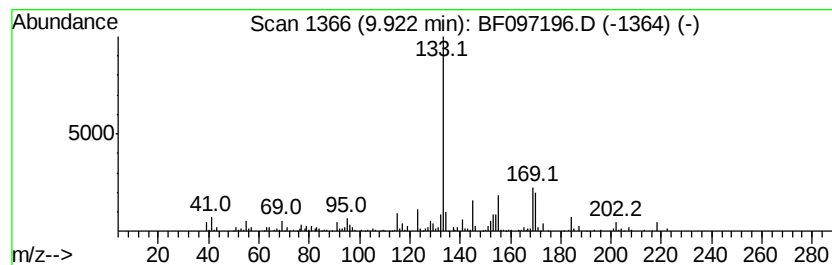
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.92 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	7.27 ng	226134	Acenaphthene-d10	9.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindazole	133	C7H7N3	019335-11-6	43
2			Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	38
3			1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	38
4			1H-Benzimidazol-5-amine	133	C7H7N3	000934-22-5	38
5			4-Ethylbenzoic acid, oct-3-en-2-...	260	C17H24O2	1000292-54-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
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Misc :
ALS Vial : 38 Sample Multiplier: 1

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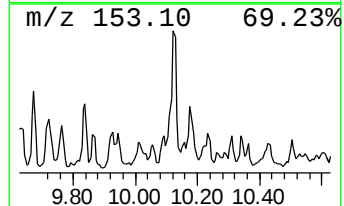
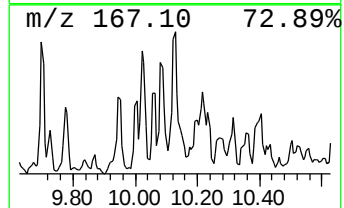
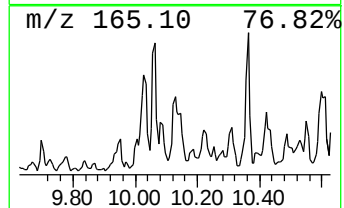
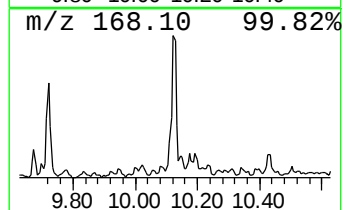
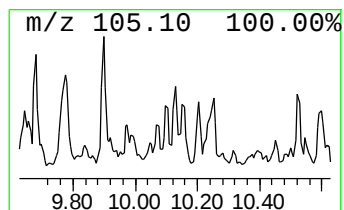
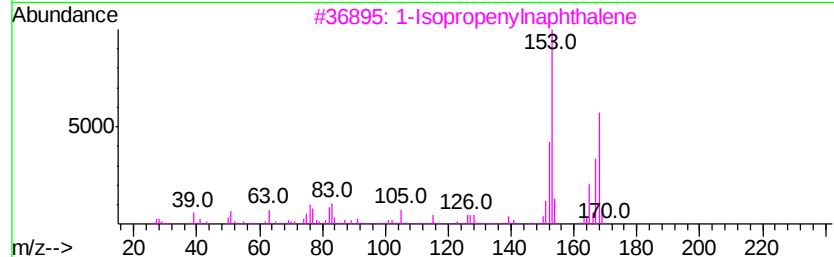
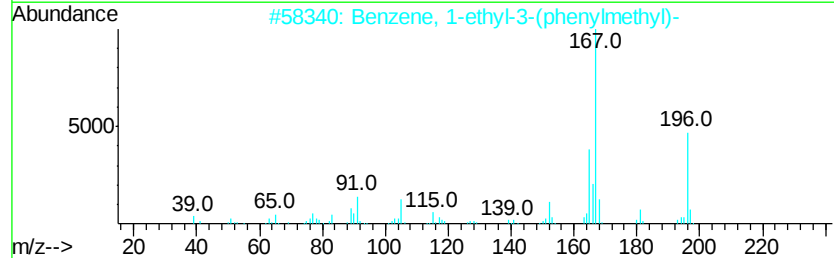
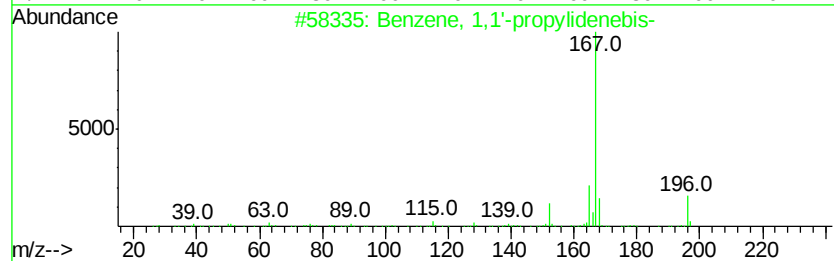
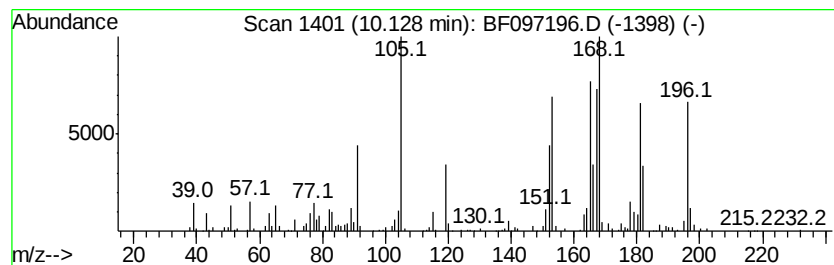
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.13 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	6.46 ng	201037	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	45
2		Benzene, 1-ethyl-3-(phenylmethyl)-	196	C15H16	028122-24-9	38
3		1-Isopropenyl-naphthalene	168	C13H12	001855-47-6	35
4		2,2-Diphenylethylamine	197	C14H15N	003963-62-0	35
5		2-Ethyl-1-(4-hydroxy-6-methyl-2-...	196	C8H12N4O2	059415-42-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
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Acq On : 29 Jul 2017 11:23
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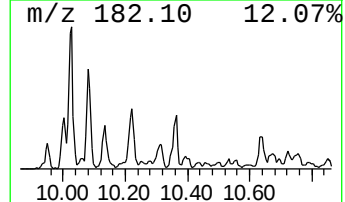
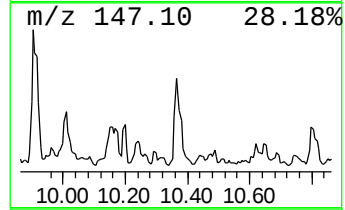
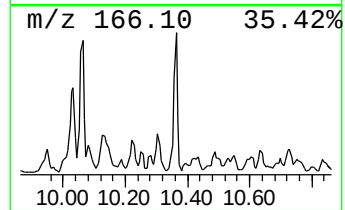
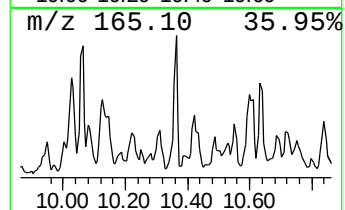
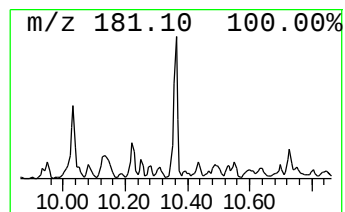
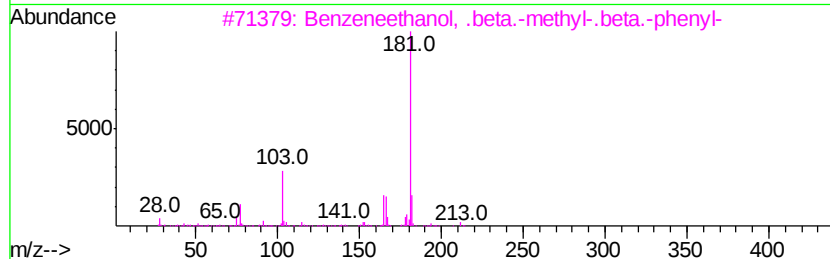
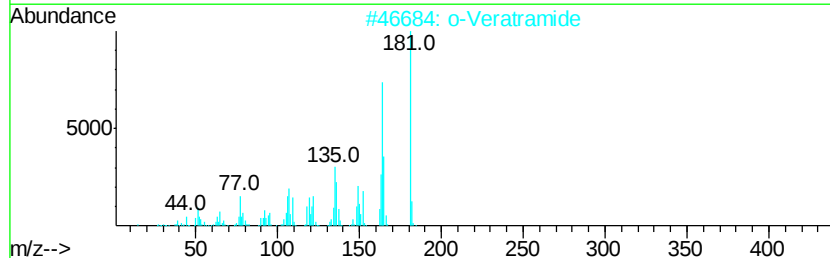
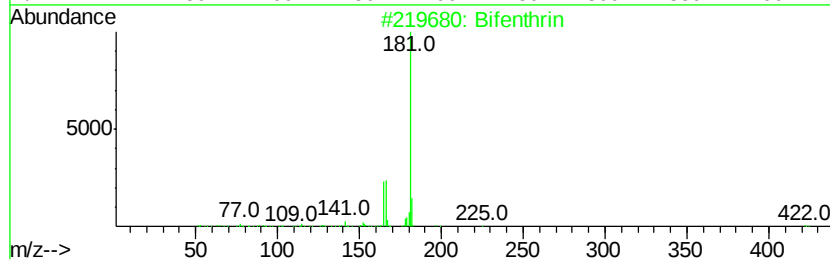
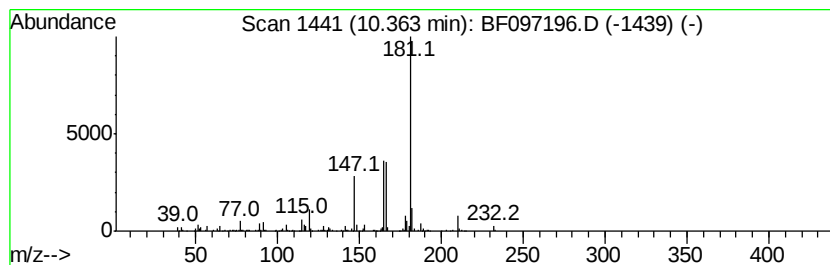
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bifenthrin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.36	6.74 ng	210470	Phenanthrene-d10	10.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bifenthrin	422	C23H22ClF3O2	082657-04-3	59
2	o-Veratramide	181	C9H11NO3	001521-39-7	50
3	Benzeneethanol, .beta.-methvl-.b...	212	C15H16O	074421-26-4	50
4	1,2-Dimethoxy-4-(1,2-dimethoxyvet...	226	C12H18O4	1000333-50-1	50
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

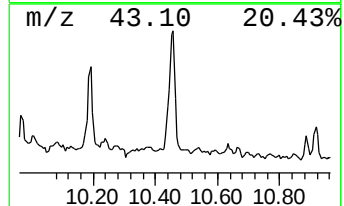
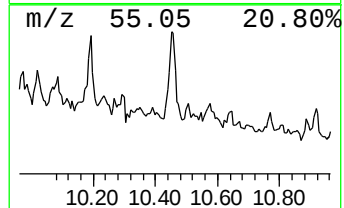
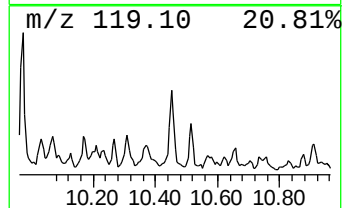
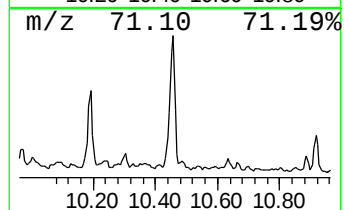
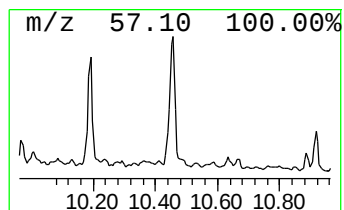
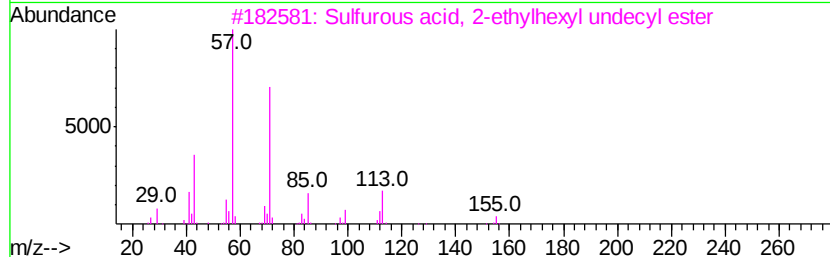
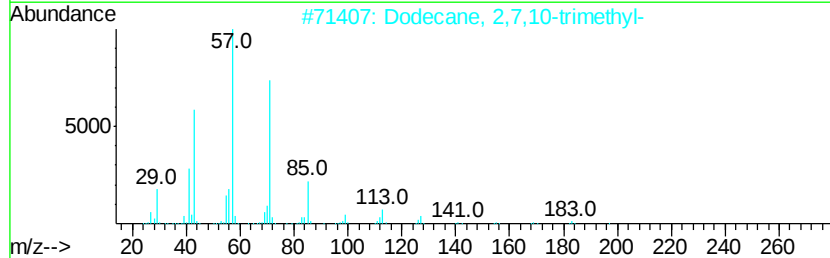
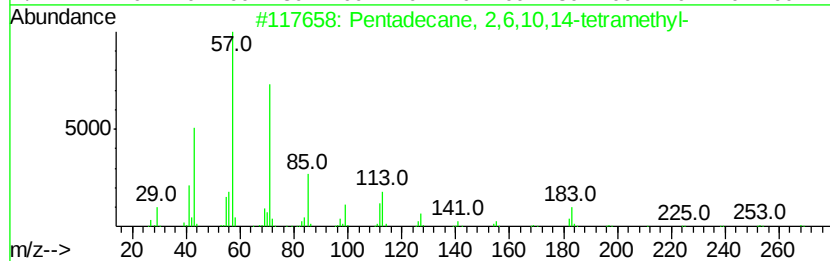
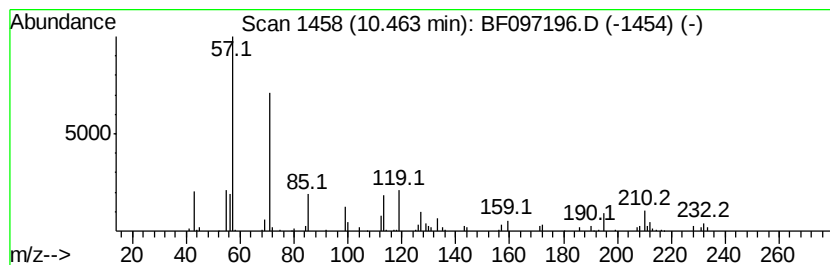
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	14.52 ng	453644	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	49
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
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ALS Vial : 38 Sample Multiplier: 1

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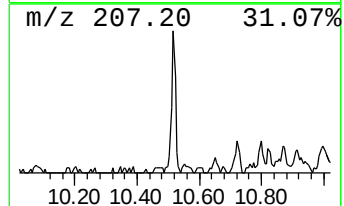
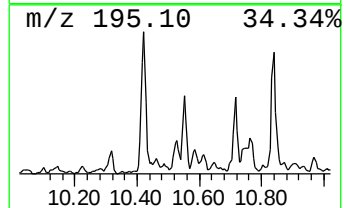
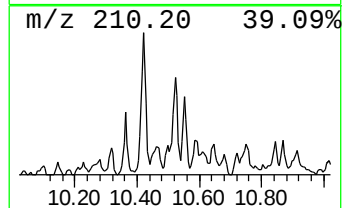
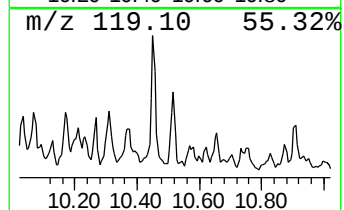
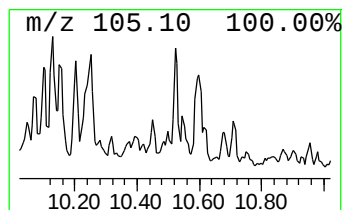
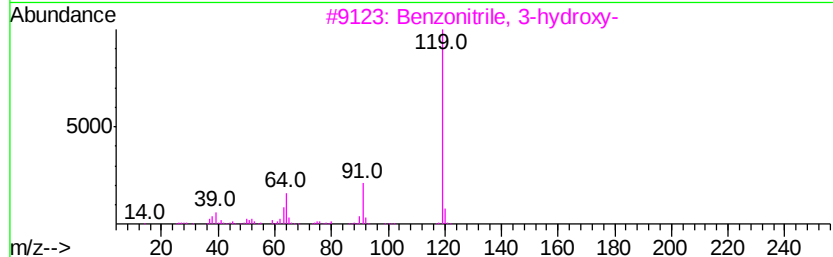
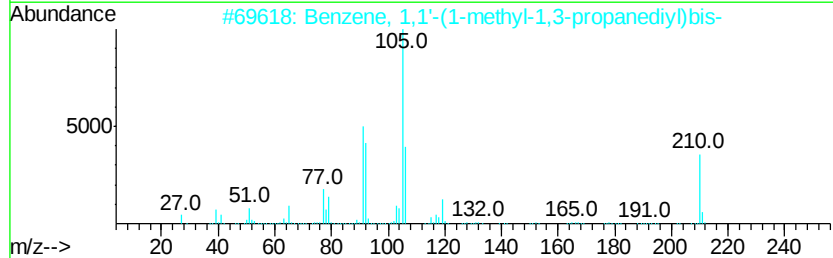
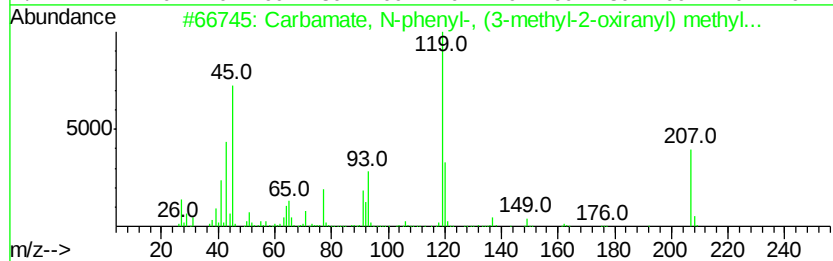
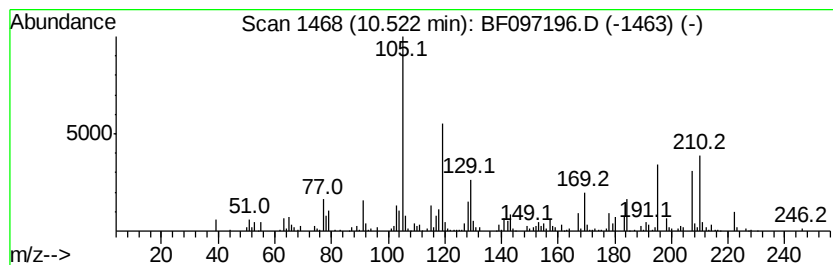
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown10.52 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	7.24 ng	226209	Phenanthrene-d10	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamate, N-phenyl-, (3-methyl-...	207	C11H13NO3	137531-94-3	22
2		Benzene, 1,1'-(1-methyl-1,3-prop...	210	C16H18	001520-44-1	15
3		Benzonitrile, 3-hydroxy-	119	C7H5NO	000873-62-1	11
4		Benzonitrile, 4-hydroxy-	119	C7H5NO	000767-00-0	11
5		Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-M6-WSW

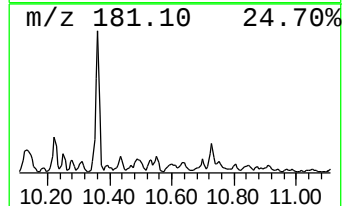
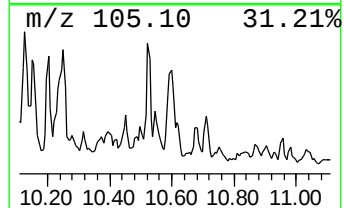
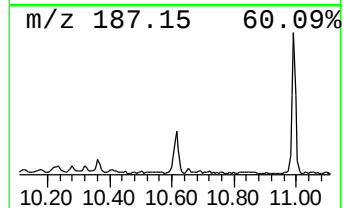
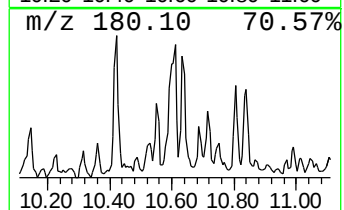
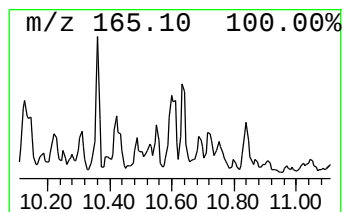
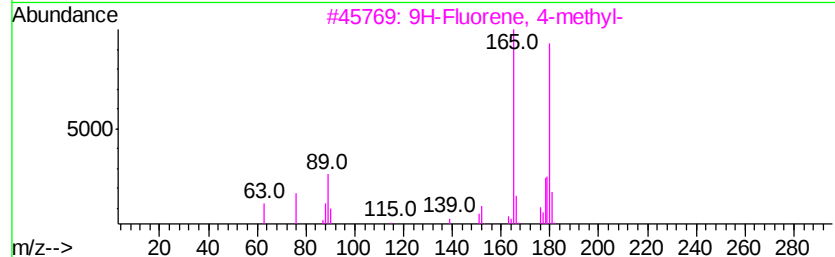
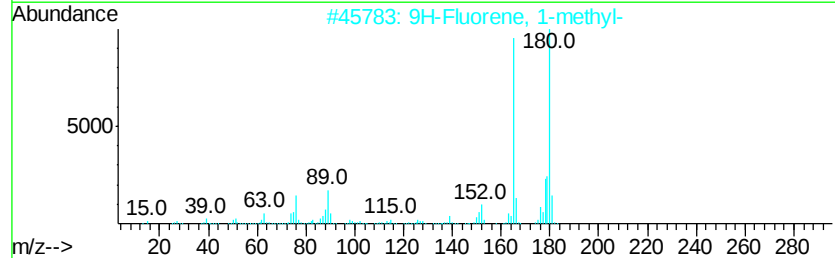
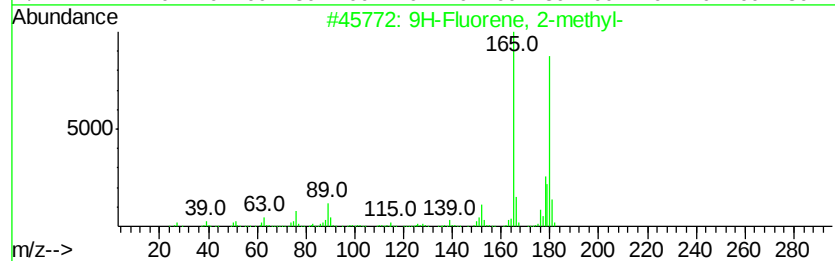
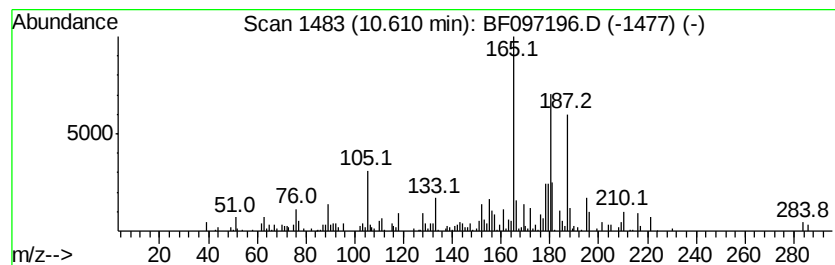
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	6.46 ng	201674	Phenanthrene-d10	10.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
3			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	60
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
5			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

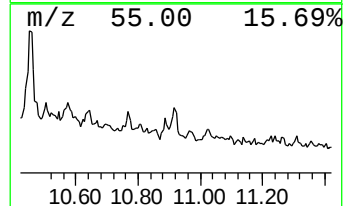
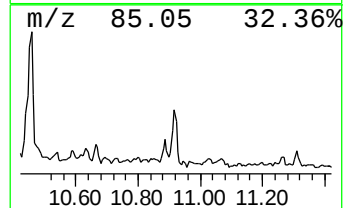
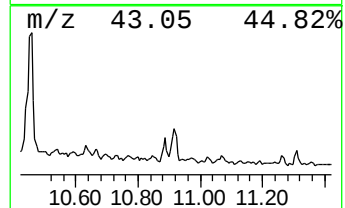
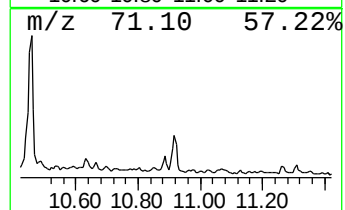
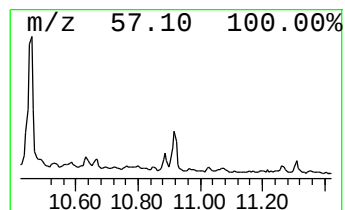
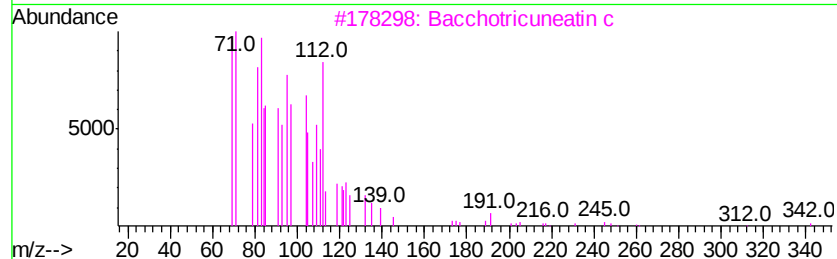
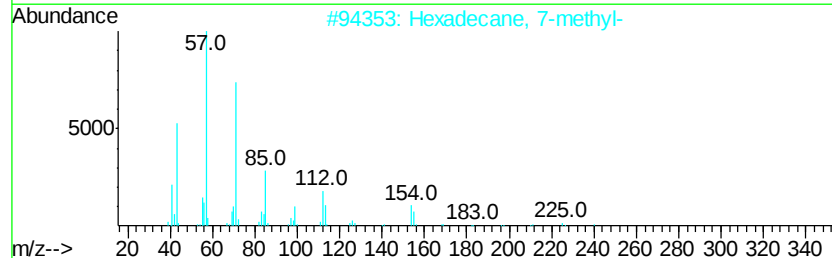
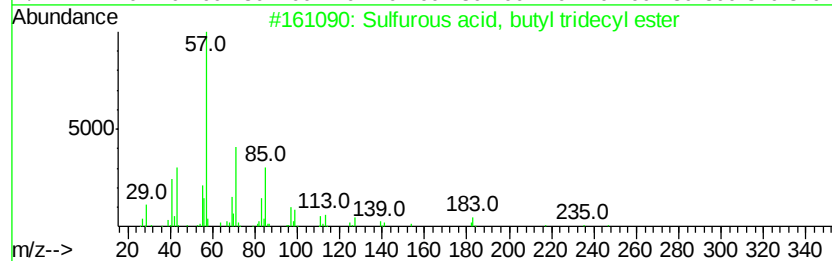
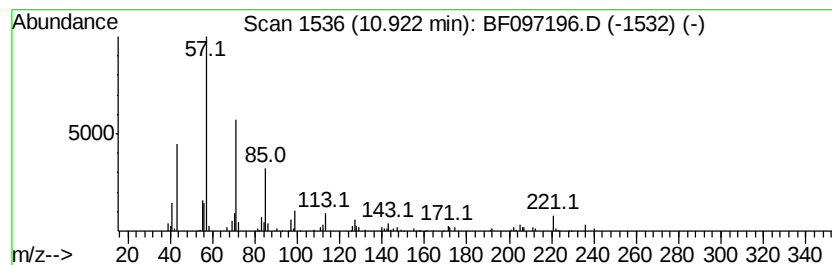
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Sulfurous acid, butyl tridecyl e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	6.47 ng	202108	Phenanthrene-d10	10.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	59
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
3			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

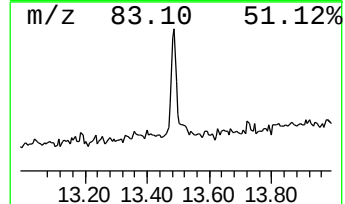
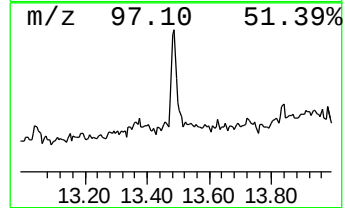
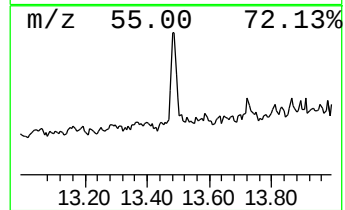
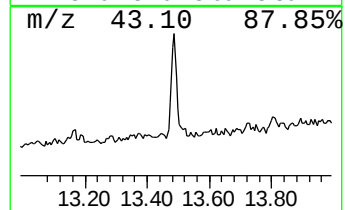
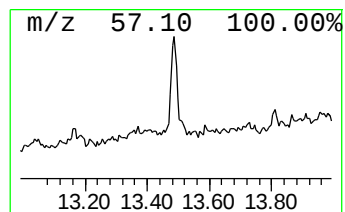
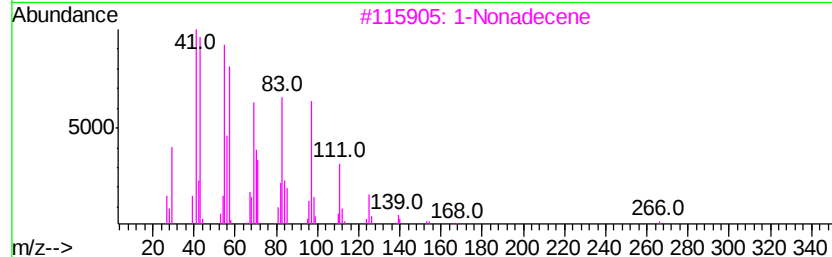
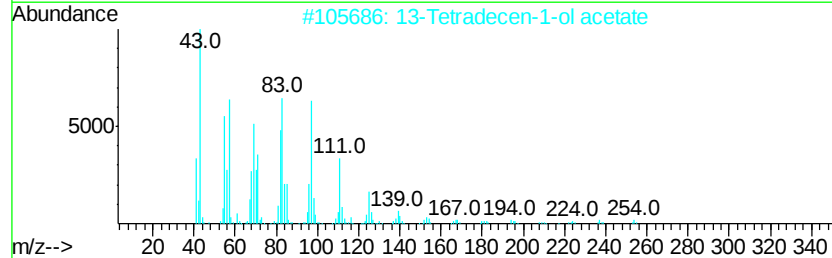
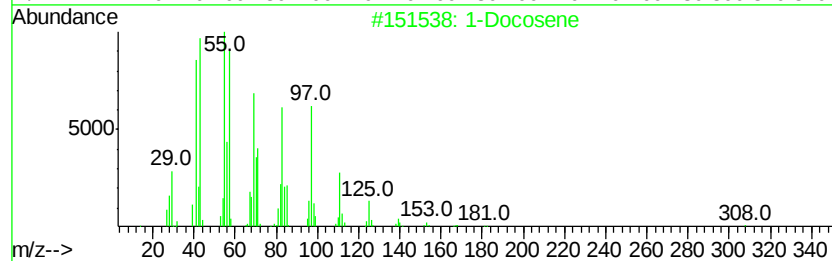
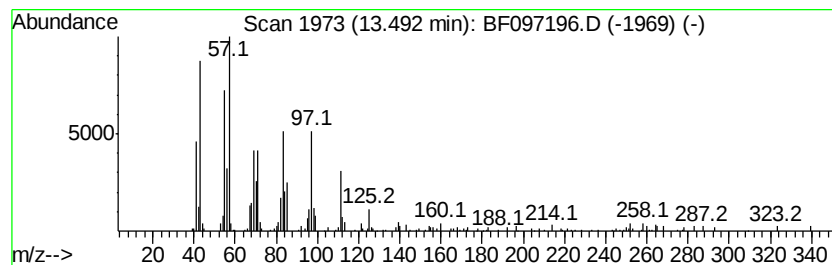
Instrument :
BNA_F
ClientSampleId :
E2-M6-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Docosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.49	6.85 ng	258170	Chrysene-d12	13.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
E2-M6-WSW

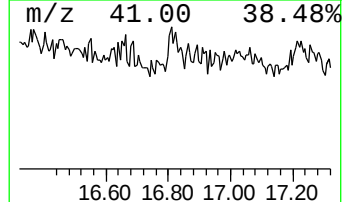
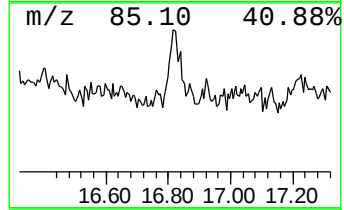
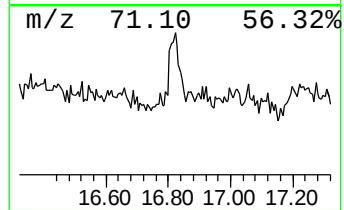
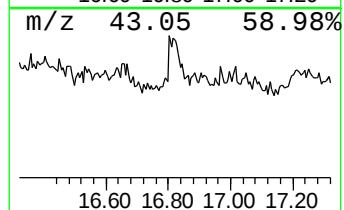
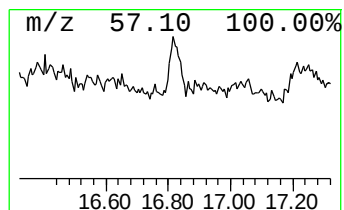
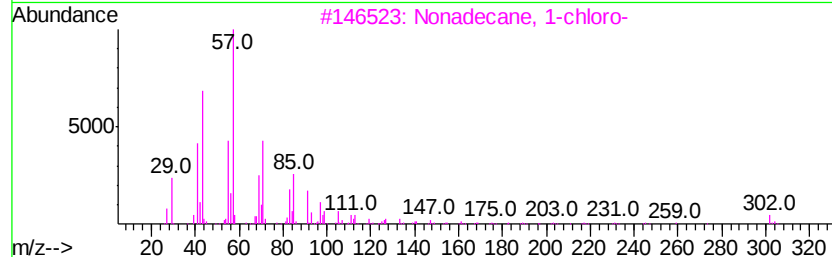
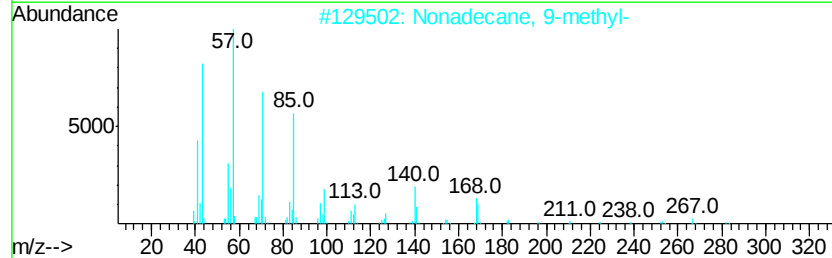
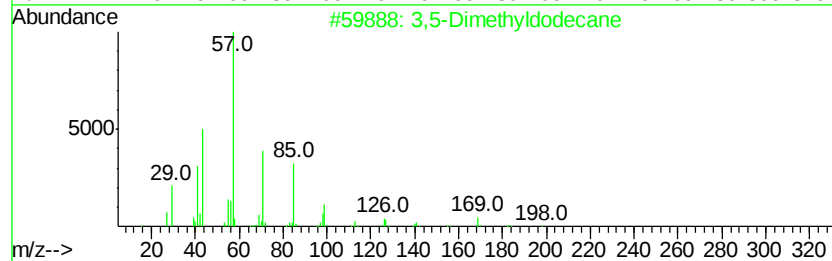
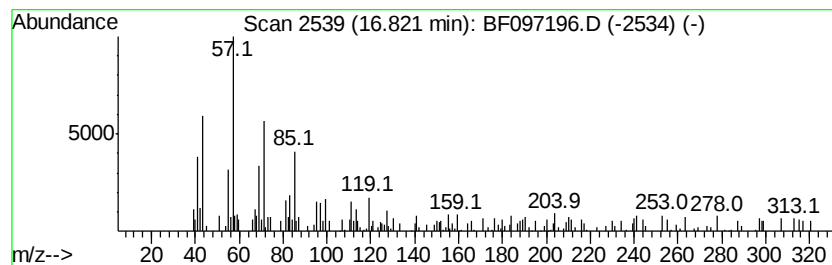
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,5-Dimethyldodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	7.46 ng	128867	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	53
3			Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	49
4			Tetracosane	338	C24H50	000646-31-1	47
5			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
 Data File : BF097196.D
 Acq On : 29 Jul 2017 11:23
 Operator : SJ/JU
 Sample : I4421-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M6-WSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
2-Pentanone, 4-hy...	4.64	12.2	ng	430649	1	6.49	703796	20.0
Naphthalene, 1-me...	8.58	11.9	ng	625272	2	7.77	1048250	20.0
unknown9.05	9.05	9.6	ng	298621	3	9.52	622319	20.0
Naphthalene, 2,6-...	9.11	10.8	ng	335545	3	9.52	622319	20.0
Naphthalene, 1,3-...	9.18	18.1	ng	562191	3	9.52	622319	20.0
Naphthalene, 2,3-...	9.38	7.5	ng	232099	3	9.52	622319	20.0
unknown9.43	9.43	8.5	ng	264683	3	9.52	622319	20.0
Naphthalene, 2-(1...	9.62	12.3	ng	383395	3	9.52	622319	20.0
unknown9.79	9.79	6.3	ng	196136	3	9.52	622319	20.0
Naphthalene, 1,6,...	9.84	8.7	ng	270421	3	9.52	622319	20.0
unknown9.90	9.90	7.4	ng	229566	3	9.52	622319	20.0
unknown9.92	9.92	7.3	ng	226134	3	9.52	622319	20.0
unknown10.13	10.13	6.5	ng	201037	3	9.52	622319	20.0
Bifenthrin	10.36	6.7	ng	210470	4	10.99	624712	20.0
Pentadecane, 2,6,...	10.46	14.5	ng	453644	4	10.99	624712	20.0
unknown10.52	10.52	7.2	ng	226209	4	10.99	624712	20.0
9H-Fluorene, 2-me...	10.61	6.5	ng	201674	4	10.99	624712	20.0
Sulfurous acid, b...	10.92	6.5	ng	202108	4	10.99	624712	20.0
1-Docosene	13.49	6.8	ng	258170	5	13.62	753555	20.0
3,5-Dimethyldodecane	16.82	7.5	ng	128867	6	14.97	345449	20.0