

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082797.D
 Acq On : 7 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4246-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14L

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-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.024	254	257	260	rBV	1831442	2521826	54.18%	3.274%
2	5.447	291	294	297	rBV	3857656	4626845	99.40%	6.007%
3	6.476	381	384	387	rVB	4169091	4632080	99.51%	6.013%
4	6.613	393	396	399	rBV	5043714	4654761	100.00%	6.043%
5	6.842	414	416	419	rBV	1350809	1527096	32.81%	1.982%
6	7.002	428	430	433	rVB	3736511	3356862	72.12%	4.358%
7	7.402	462	465	468	rBV	2206955	3188340	68.50%	4.139%
8	7.504	472	474	479	rBV2	54622	80951	1.74%	0.105%
9	8.133	526	529	531	rBV	2438626	2147566	46.14%	2.788%
10	9.093	606	613	615	rBV	60668	81900	1.76%	0.106%
11	9.207	621	623	626	rVB	3772256	4346836	93.38%	5.643%
12	9.550	649	653	655	rBV3	31744	56422	1.21%	0.073%
13	9.607	655	658	660	rVV	1774012	1562623	33.57%	2.029%
14	9.882	680	682	684	rBV	1738702	2364747	50.80%	3.070%
15	9.916	684	685	688	rVB	212164	172841	3.71%	0.224%
16	10.088	698	700	702	rVB	60079	56958	1.22%	0.074%
17	10.305	716	719	720	rBV	118622	107463	2.31%	0.140%
18	10.430	729	730	733	rVB2	166217	163150	3.51%	0.212%
19	10.499	733	736	739	rBV2	37030	75642	1.63%	0.098%
20	10.556	739	741	743	rBV3	48681	80881	1.74%	0.105%
21	10.670	748	751	754	rBV	3351491	3184537	68.41%	4.134%
22	10.808	761	763	766	rVB	98084	167259	3.59%	0.217%
23	10.979	775	778	779	rBV	49511	72006	1.55%	0.093%
24	11.253	800	802	807	rVB2	143694	246213	5.29%	0.320%
25	11.368	810	812	813	rVV	2769290	2458471	52.82%	3.192%
26	11.436	816	818	820	rVB	281631	366714	7.88%	0.476%
27	11.596	829	832	834	rBV	85098	98155	2.11%	0.127%
28	11.676	837	839	843	rVB2	75285	106367	2.29%	0.138%
29	11.871	853	856	857	rBV	189745	187271	4.02%	0.243%
30	11.905	857	859	861	rVV2	241320	394536	8.48%	0.512%
31	11.939	861	862	864	rVV	95518	117244	2.52%	0.152%
32	11.985	864	866	870	rVV	242669	422083	9.07%	0.548%
33	12.076	872	874	876	rVV3	142680	212563	4.57%	0.276%
34	12.122	876	878	880	rVV2	157596	181756	3.90%	0.236%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.168	880	882	885	rVB2	134340	188192	4.04%	0.244%
36	12.236	885	888	891	rBV	313837	430947	9.26%	0.559%
37	12.316	894	895	897	rVV	283806	298360	6.41%	0.387%
38	12.419	901	904	905	rBV	76046	94284	2.03%	0.122%
39	12.454	905	907	910	rVB2	245090	324845	6.98%	0.422%
40	12.579	916	918	920	rBV	1594376	1433185	30.79%	1.861%
41	12.625	920	922	924	rVV	2551006	3061065	65.76%	3.974%
42	12.682	924	927	930	rVV4	149468	289885	6.23%	0.376%
43	12.728	930	931	935	rVV2	53825	102672	2.21%	0.133%
44	12.808	935	938	940	rVV	1259087	1762233	37.86%	2.288%
45	12.865	940	943	946	rVB3	82507	137147	2.95%	0.178%
46	12.922	946	948	949	rBV	90555	98163	2.11%	0.127%
47	12.956	949	951	953	rVB	4167097	3837600	82.44%	4.982%
48	13.025	953	957	961	rVB3	77597	163075	3.50%	0.212%
49	13.094	961	963	965	rBV	446551	461747	9.92%	0.599%
50	13.139	965	967	968	rVB2	166604	212995	4.58%	0.277%
51	13.196	968	972	974	rBV	258407	339434	7.29%	0.441%
52	13.242	974	976	977	rBV	82947	120007	2.58%	0.156%
53	13.356	985	986	988	rBV	59638	70650	1.52%	0.092%
54	13.436	990	993	996	rVB5	26118	59026	1.27%	0.077%
55	13.494	996	998	1000	rBV	238089	227164	4.88%	0.295%
56	13.551	1000	1003	1007	rVB2	312007	489188	10.51%	0.635%
57	13.608	1007	1008	1011	rBV2	139439	175363	3.77%	0.228%
58	13.745	1017	1020	1021	rBV2	170882	230995	4.96%	0.300%
59	13.768	1021	1022	1027	rVV4	734919	1013091	21.76%	1.315%
60	13.871	1029	1031	1034	rVV	530626	678569	14.58%	0.881%
61	13.916	1034	1035	1037	rVB2	133559	145514	3.13%	0.189%
62	13.962	1037	1039	1040	rBV	126631	179619	3.86%	0.233%
63	13.997	1040	1042	1047	rVV2	1979318	3163574	67.96%	4.107%
64	14.111	1048	1052	1053	rVB	91483	140294	3.01%	0.182%
65	14.191	1053	1059	1061	rBV5	104628	241195	5.18%	0.313%
66	14.317	1067	1070	1072	rVB3	78945	118364	2.54%	0.154%
67	14.385	1074	1076	1078	rBV	85654	115121	2.47%	0.149%
68	14.499	1083	1086	1088	rBV	957244	1467941	31.54%	1.906%
69	14.682	1100	1102	1108	rBV5	60398	112333	2.41%	0.146%
70	14.797	1108	1112	1115	rBV3	74120	147099	3.16%	0.191%
71	14.865	1116	1118	1122	rVB	48720	75510	1.62%	0.098%

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

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72	14.934	1122	1124	1128	rVB3	118289	165466	3.55%	0.215%
73	15.025	1128	1132	1138	rBV	254967	611570	13.14%	0.794%
74	15.117	1138	1140	1143	rBV	1103601	1476431	31.72%	1.917%
75	15.197	1146	1147	1151	rVB3	35451	58356	1.25%	0.076%
76	15.311	1155	1157	1159	rVB	132204	169872	3.65%	0.221%
77	15.368	1159	1162	1165	rBV	202064	253905	5.45%	0.330%
78	15.425	1165	1167	1170	rBV	1168576	1631252	35.04%	2.118%
79	15.677	1187	1189	1193	rVB	153290	206995	4.45%	0.269%
80	15.905	1206	1209	1211	rBV	91532	157326	3.38%	0.204%
81	15.951	1211	1213	1217	rVV2	63798	146743	3.15%	0.191%
82	16.122	1226	1228	1233	rVB6	29459	67258	1.44%	0.087%
83	16.385	1247	1251	1254	rBV3	19068	55185	1.19%	0.072%
84	16.660	1270	1275	1278	rBV2	114840	237118	5.09%	0.308%
85	16.808	1285	1288	1291	rVB2	69927	130592	2.81%	0.170%
86	16.968	1298	1302	1305	rBV3	21438	66596	1.43%	0.086%
87	17.037	1305	1308	1313	rVV5	24098	81785	1.76%	0.106%
88	17.231	1320	1325	1332	rVB2	143599	376942	8.10%	0.489%
89	17.403	1334	1340	1344	rVV6	103954	404564	8.69%	0.525%
90	17.471	1344	1346	1352	rVV5	89044	209836	4.51%	0.272%
91	17.597	1352	1357	1360	rVV	412166	988338	21.23%	1.283%
92	17.654	1360	1362	1368	rVB	203643	436409	9.38%	0.567%
93	17.825	1374	1377	1381	rBV4	55941	171320	3.68%	0.222%
94	17.928	1381	1386	1390	rVB2	191454	513143	11.02%	0.666%
95	18.157	1401	1406	1415	rBV	587412	1718283	36.91%	2.231%
96	18.500	1432	1436	1444	rVB4	26130	83832	1.80%	0.109%
97	18.740	1453	1457	1461	rBV4	28112	79645	1.71%	0.103%
98	19.186	1493	1496	1500	rBV5	19528	56416	1.21%	0.073%
99	19.346	1503	1510	1515	rBV3	46354	180823	3.88%	0.235%
100	21.289	1677	1680	1686	rVB8	16652	65924	1.42%	0.086%

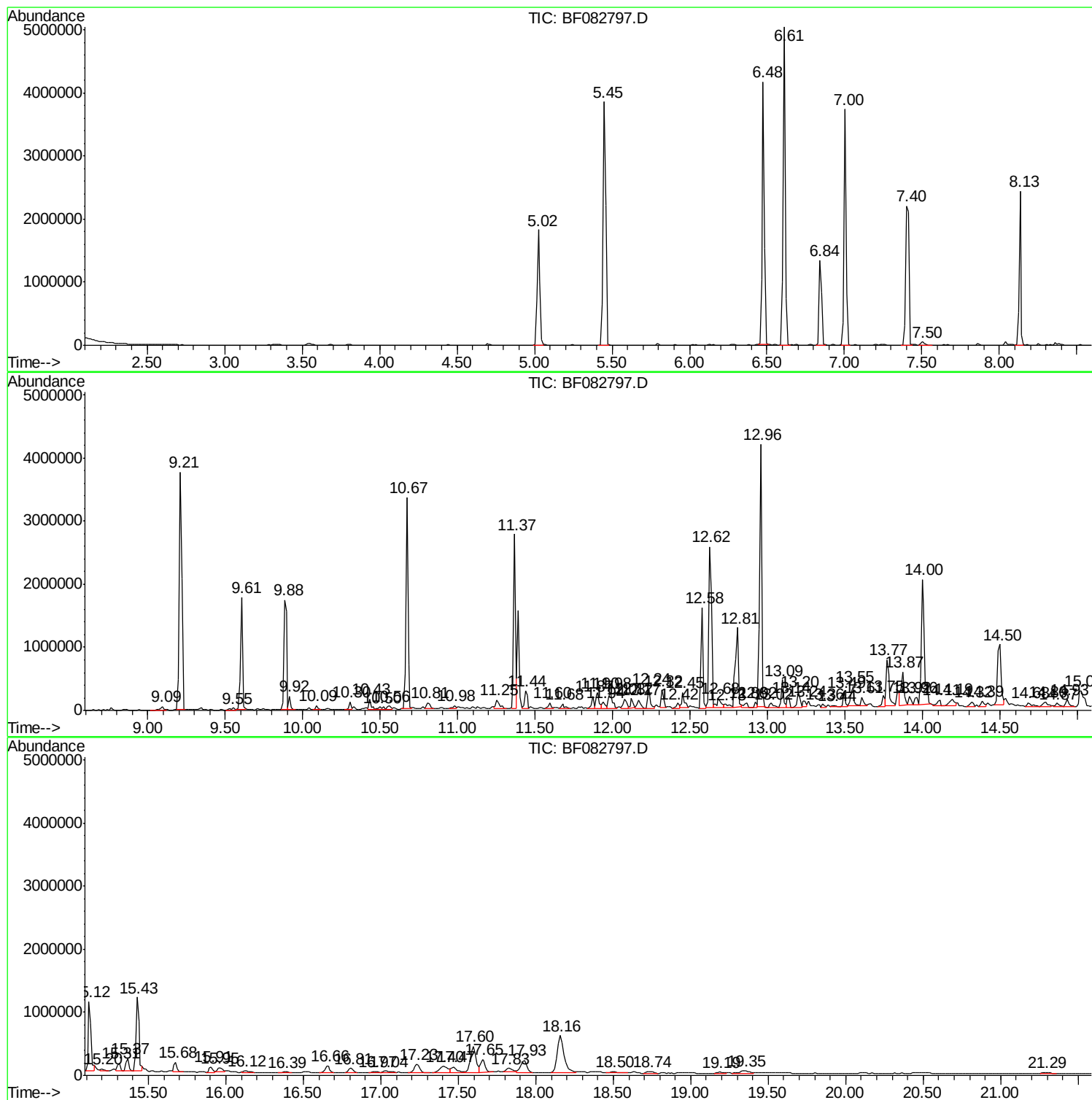
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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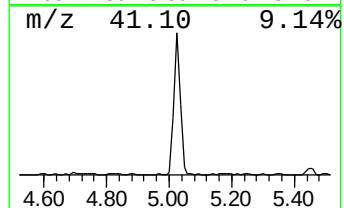
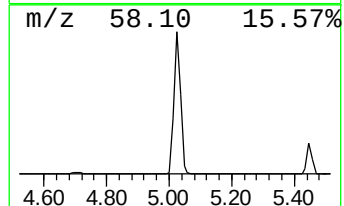
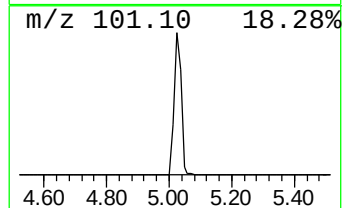
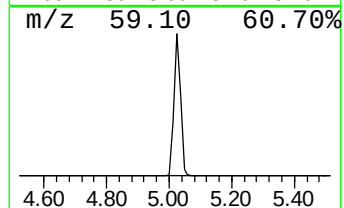
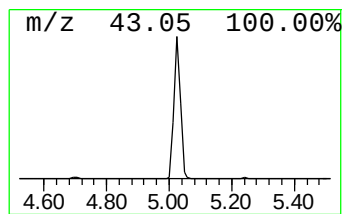
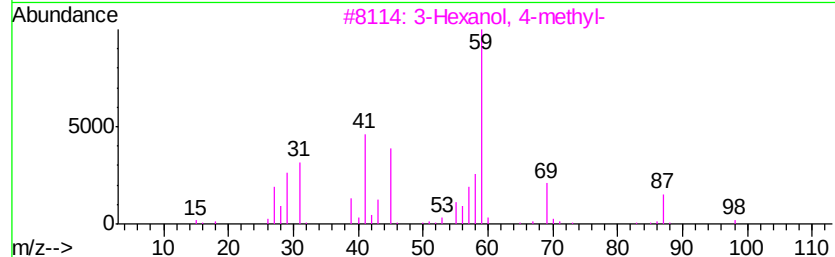
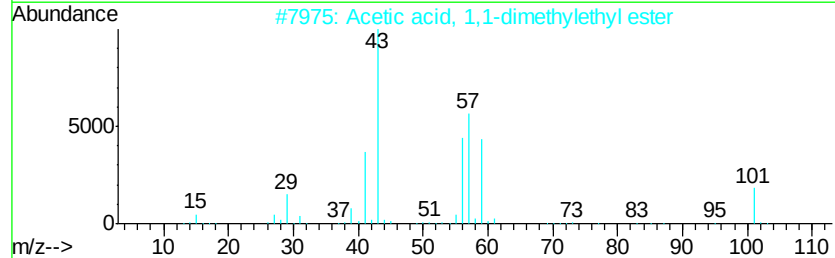
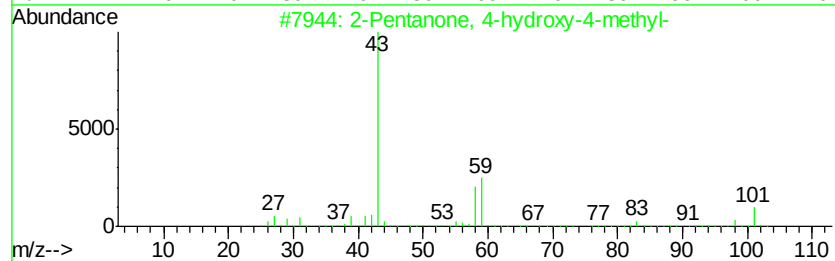
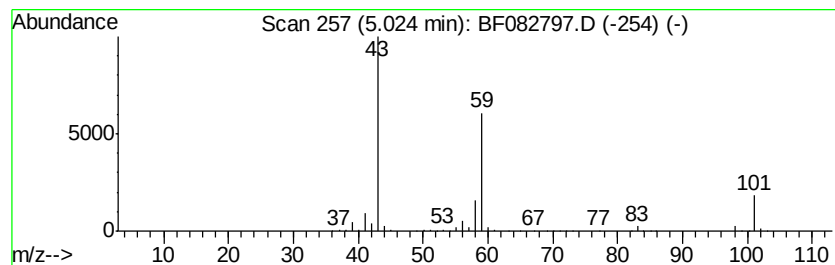
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	33.03 ng	2521830	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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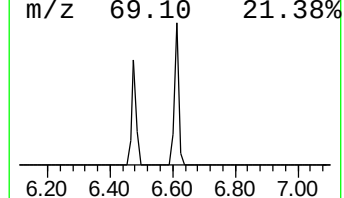
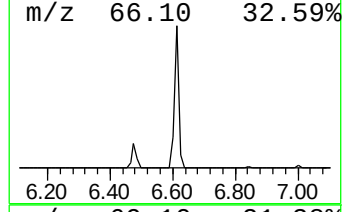
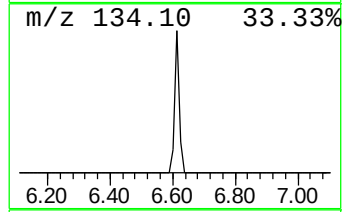
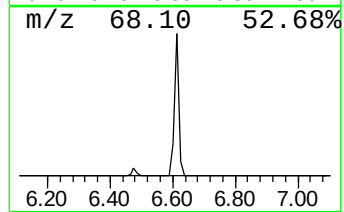
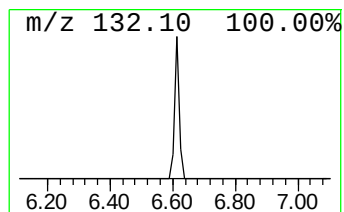
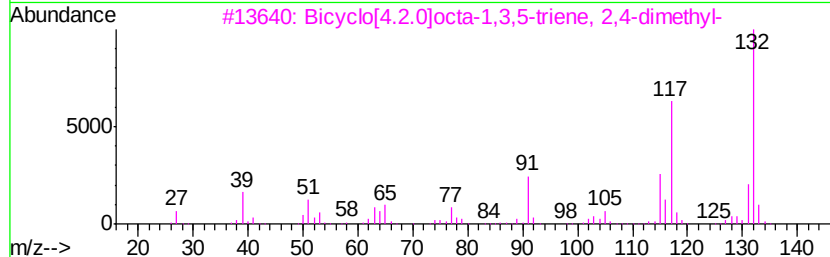
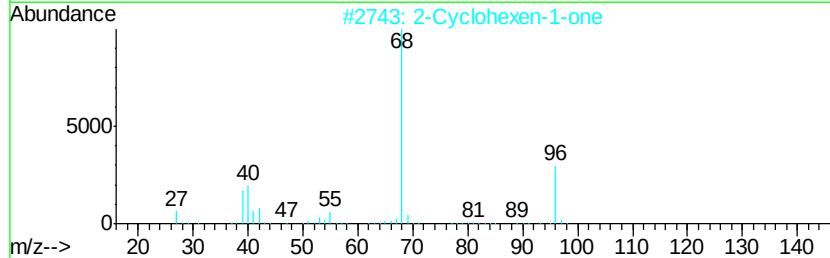
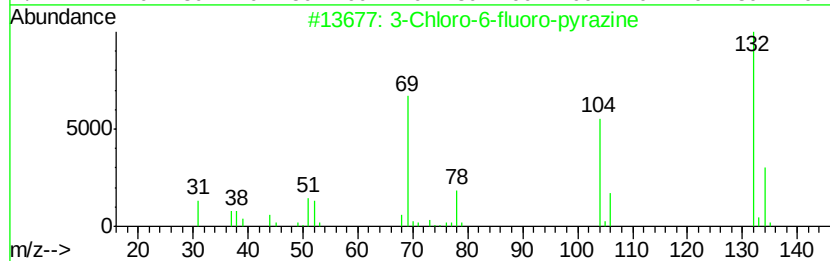
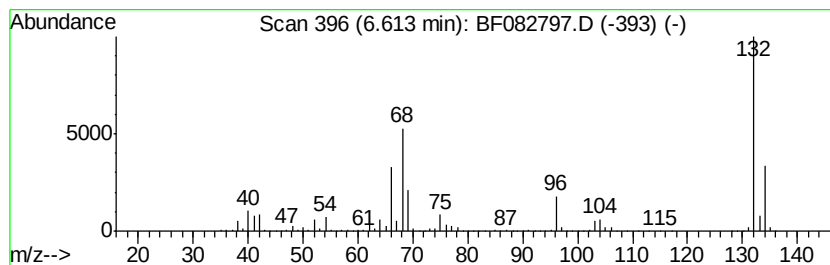
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	60.96 ng	4654760	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Xenon	132	Xe	007440-63-3	9



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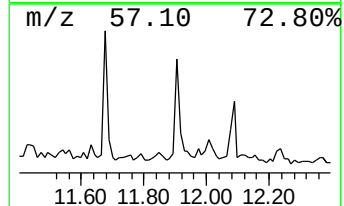
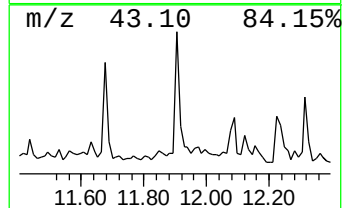
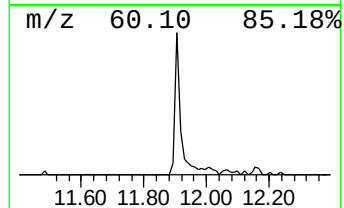
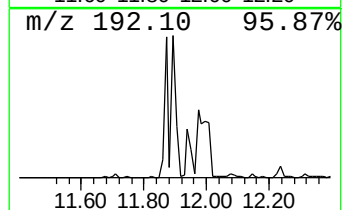
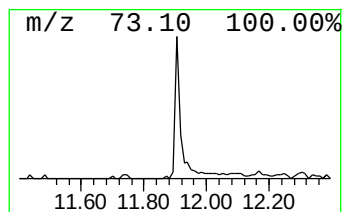
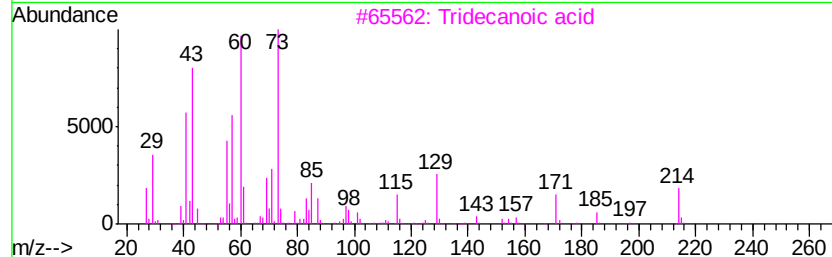
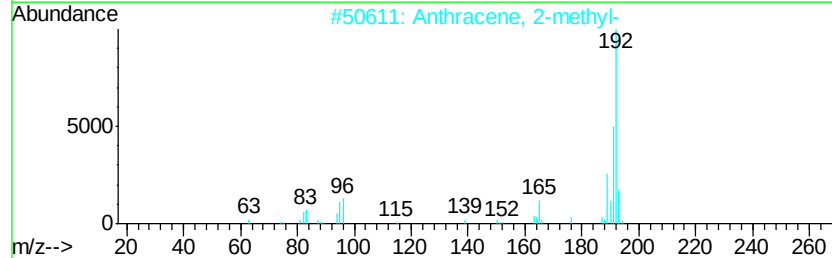
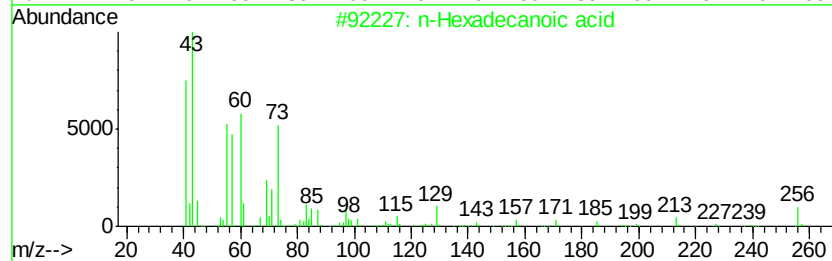
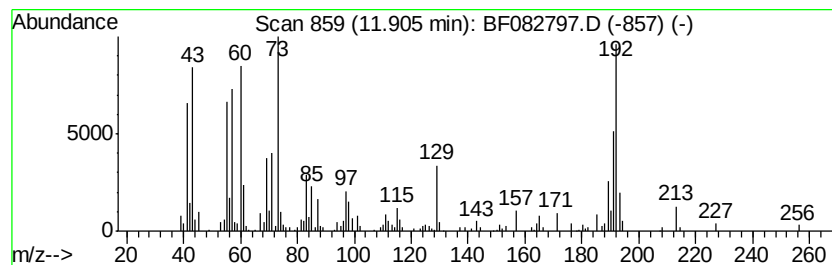
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.90	3.21 ng	394536	Phenanthrene-d10		11.37	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
3		Tridecanoic acid	214	C13H26O2	000638-53-9	41
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

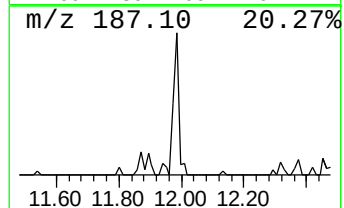
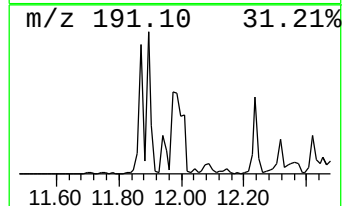
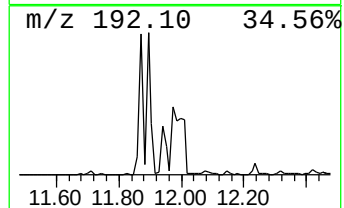
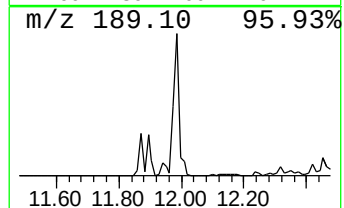
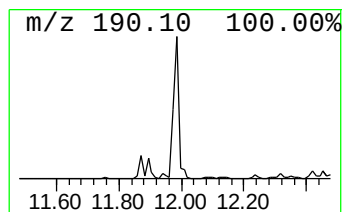
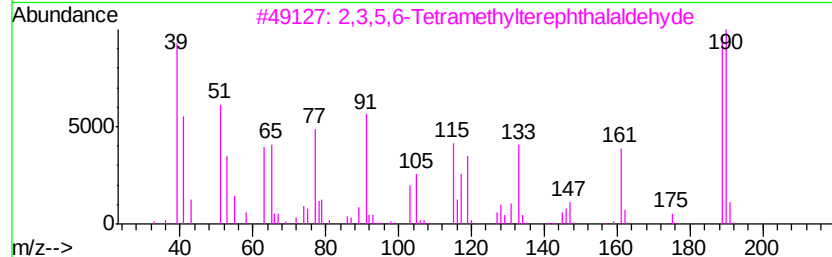
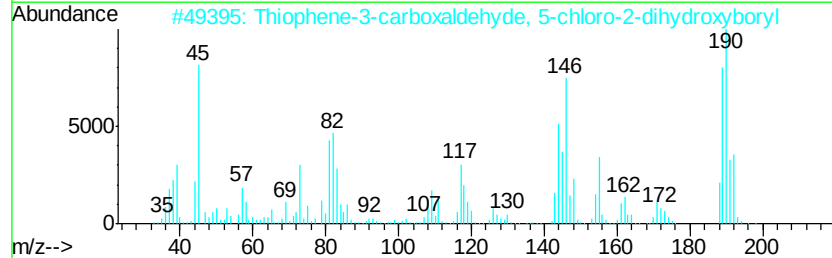
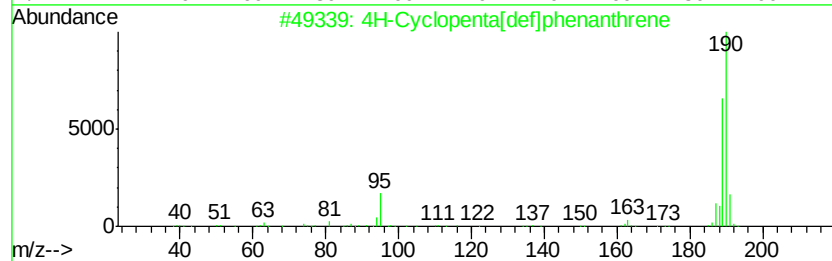
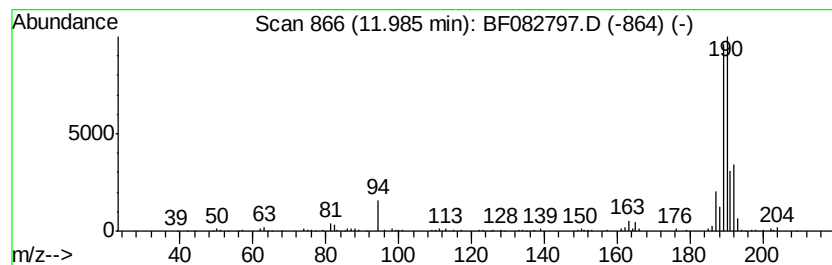
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.98	3.43 ng	422083	Phenanthrene-d10	11.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	59
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
T-14L

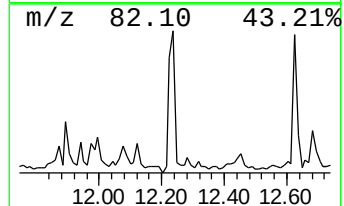
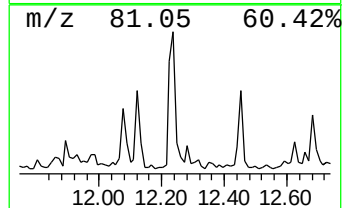
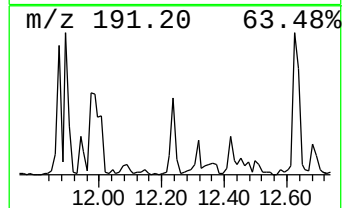
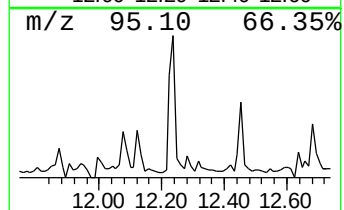
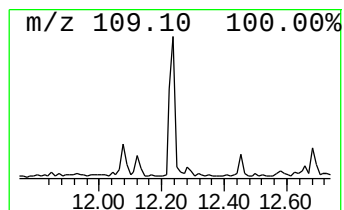
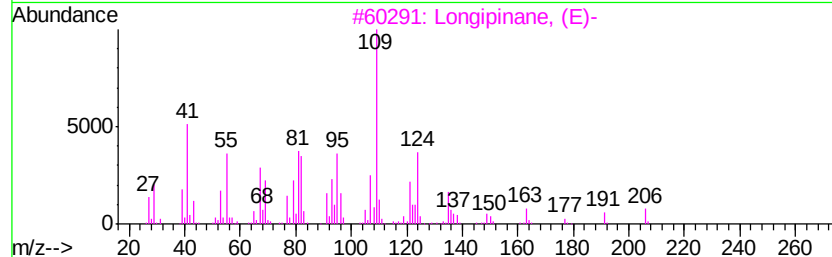
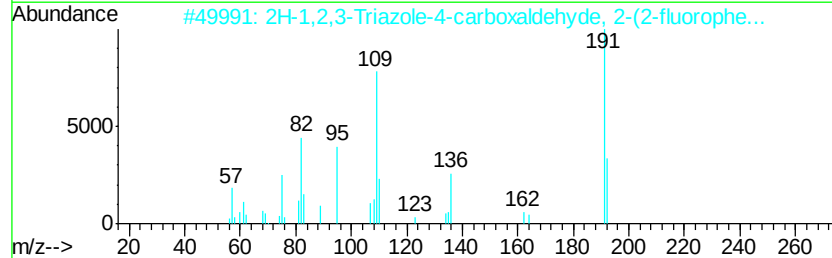
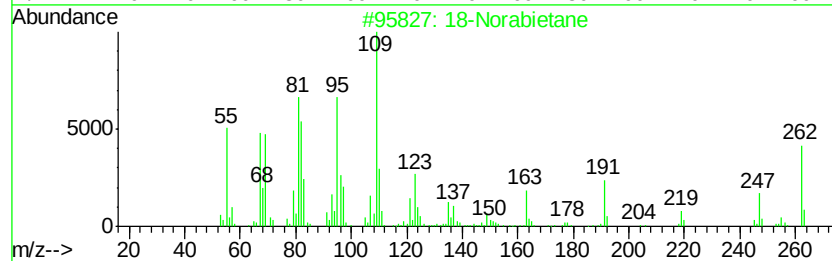
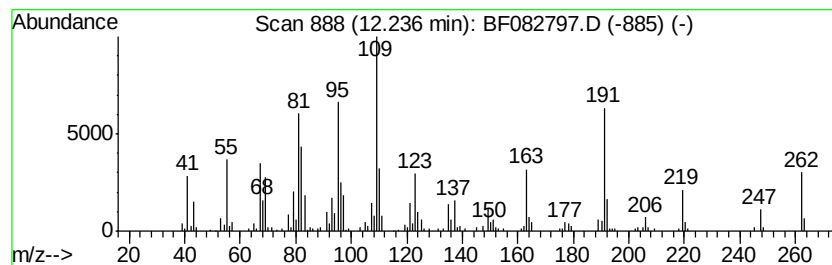
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 18-Norabietane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.51 ng	430947	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	90
2	2H-1,2,3-Triazole-4-carboxaldehy...		191	C9H6FN3O	051306-43-5	49
3	Longipinane, (E)-		206	C15H26	1000156-14-5	38
4	Anthracene, 9-butyltetradecahydro-		248	C18H32	055133-89-6	27
5	1H-Indole, 2-methoxy-3,5-dimethy...		247	C14H21NOSi	074367-60-5	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

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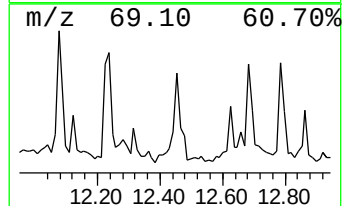
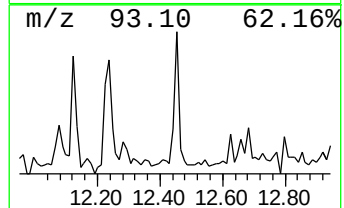
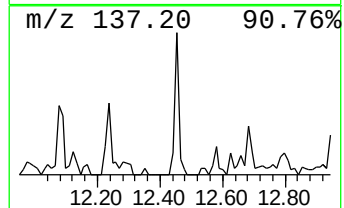
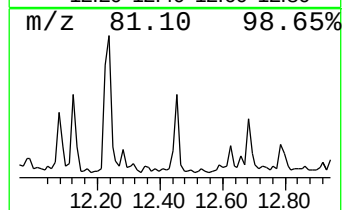
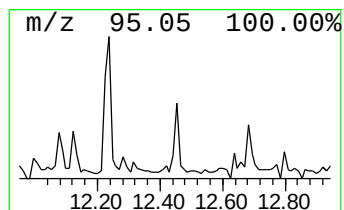
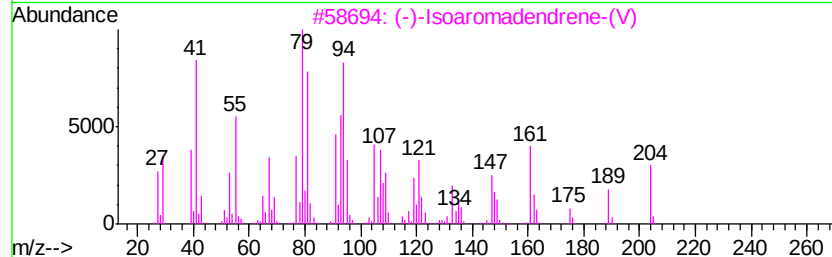
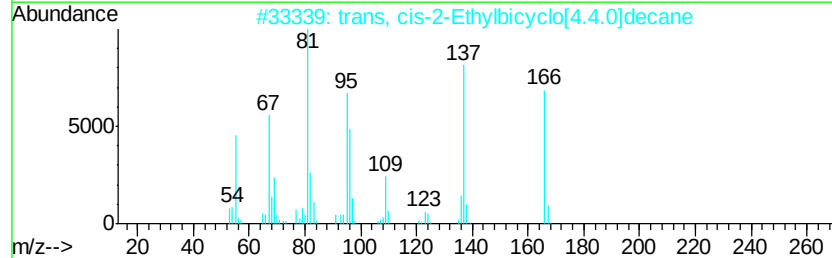
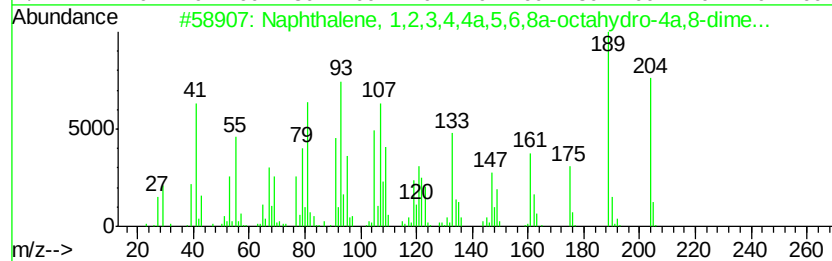
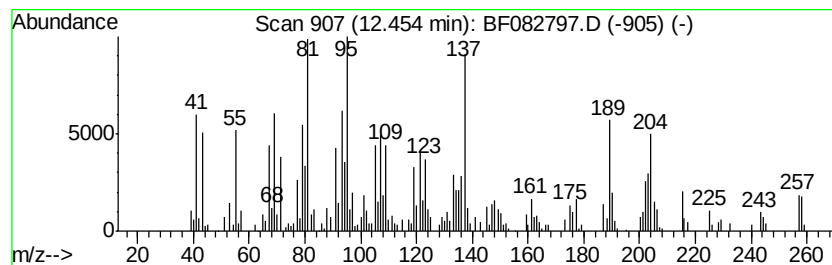
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.64 ng	324845	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	78
2		trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	60
3		(-)-Isoaromadendrene-(V)	204	C15H24	1000156-14-3	53
4		cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	53
5		Aciphyllene	204	C15H24	087745-31-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
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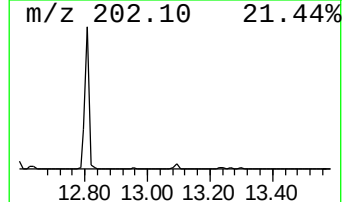
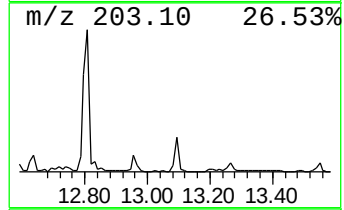
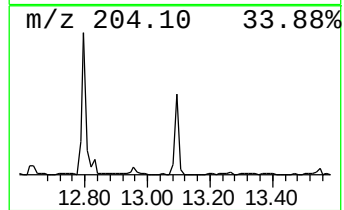
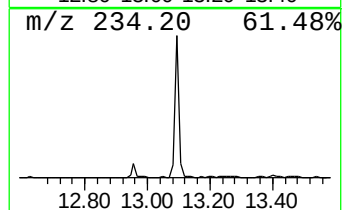
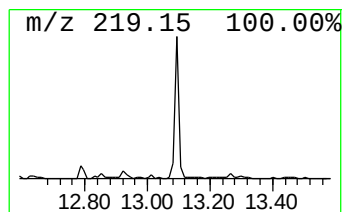
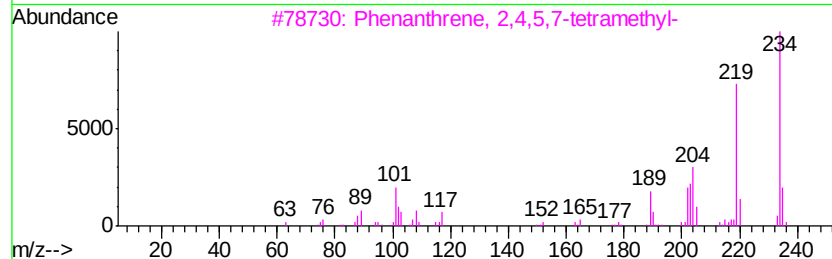
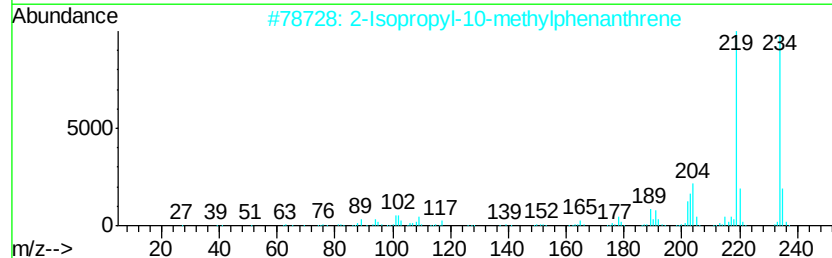
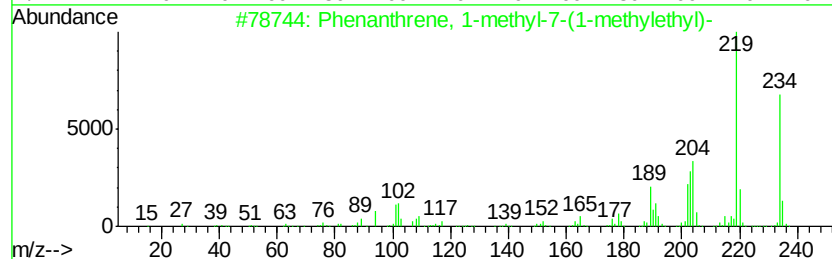
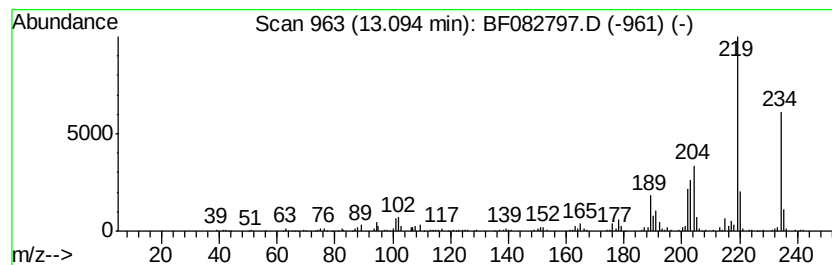
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl-7-(1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.09	2.92 ng	461747	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	58
4	6-Tert.butyl-2,3-dicvanonaphthalen	234	C16H14N2	032703-82-5	53
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Sample : G4246-01
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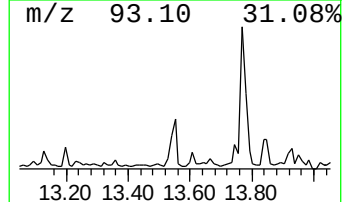
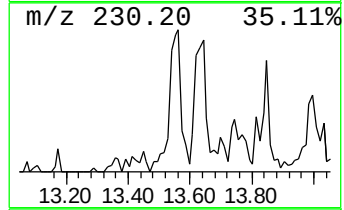
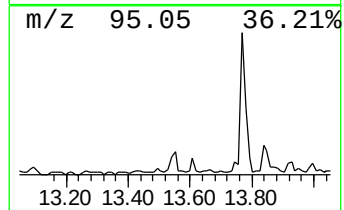
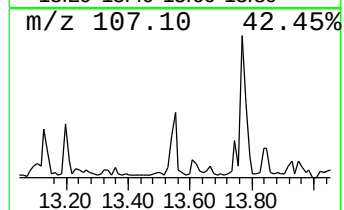
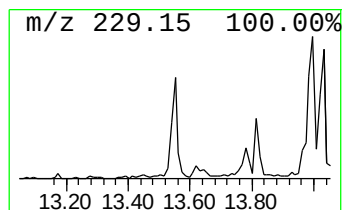
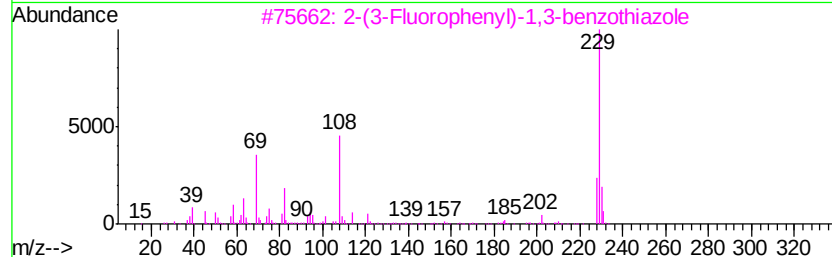
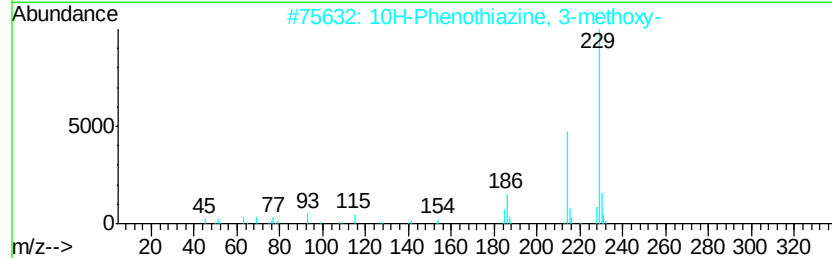
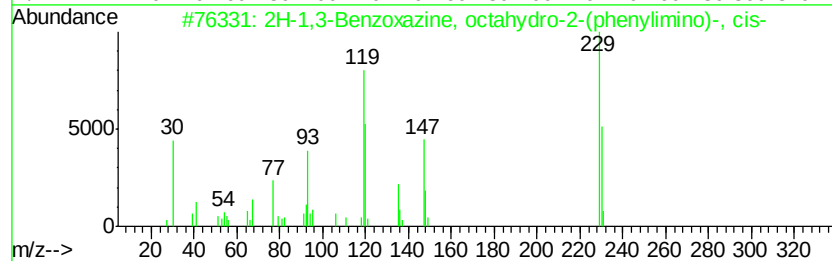
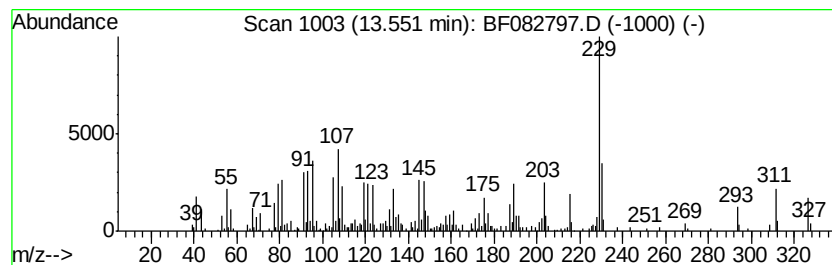
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown13.55 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.55	3.09 ng	489188	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,3-Benzoxazine, octahydro-2-...	230	C14H18N2O	1000138-91-9	30	
2	10H-Phenothiazine, 3-methoxy-	229	C13H11NOS	001771-19-3	22	
3	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	22	
4	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	22	
5	2H-1,3-Benzoxazine, octahydro-2-...	230	C14H18N2O	1000138-91-8	22	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Acq On : 7 Nov 2015 8:38
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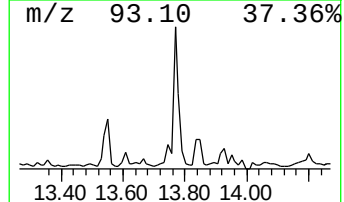
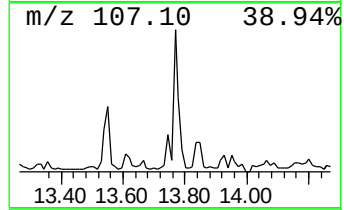
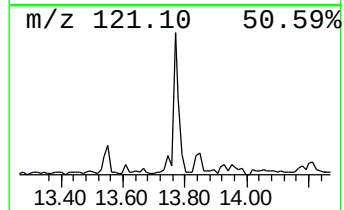
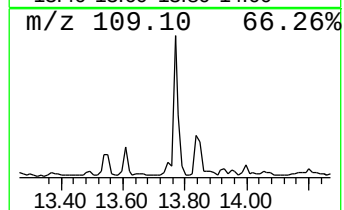
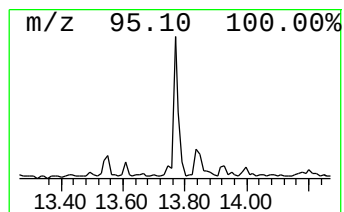
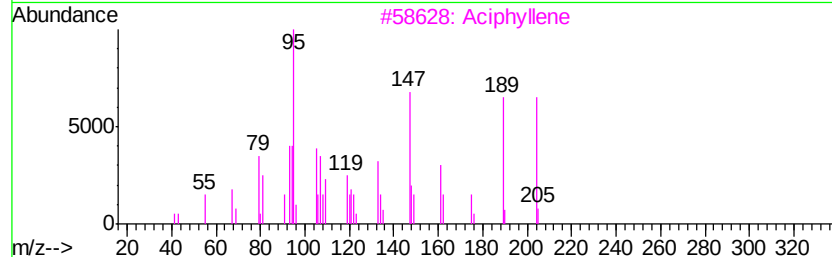
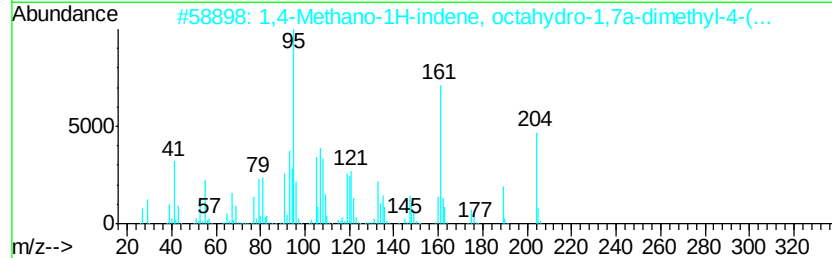
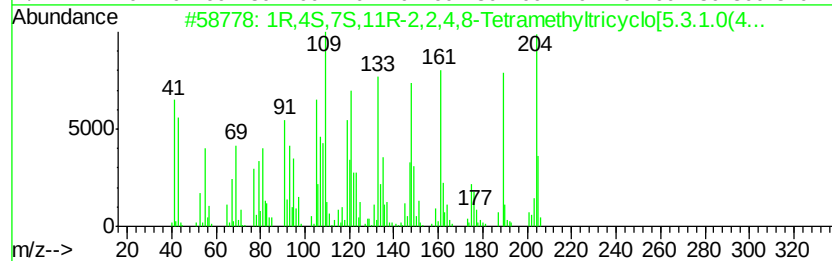
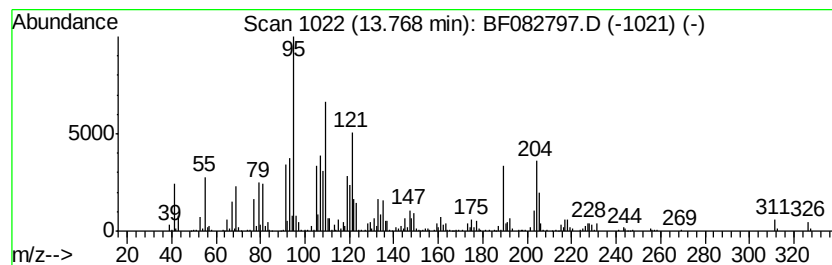
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1R,4S,7S,11R-2,2,4,8-Tetram... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	6.40 ng	1013090	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	60
2		1,4-Methano-1H-indene, octahydro...	204	C15H24	087064-18-4	58
3		Aciphyllene	204	C15H24	087745-31-1	53
4		Humulane-1,6-dien-3-ol	222	C15H26O	1000140-23-1	27
5		(2R,4R)-p-Mentha-6,8-diene, 2-hy...	168	C10H16O2	1000292-74-2	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Acq On : 7 Nov 2015 8:38
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Sample : G4246-01
Misc :
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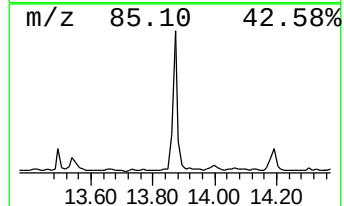
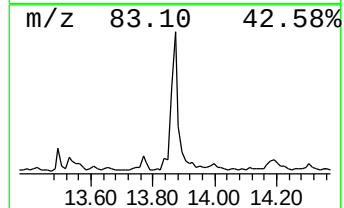
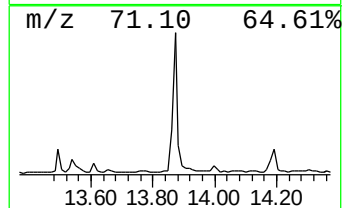
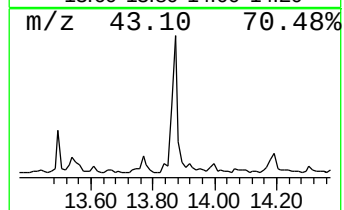
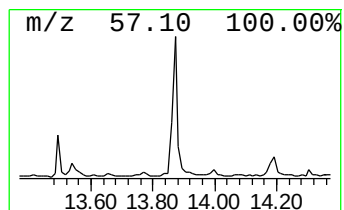
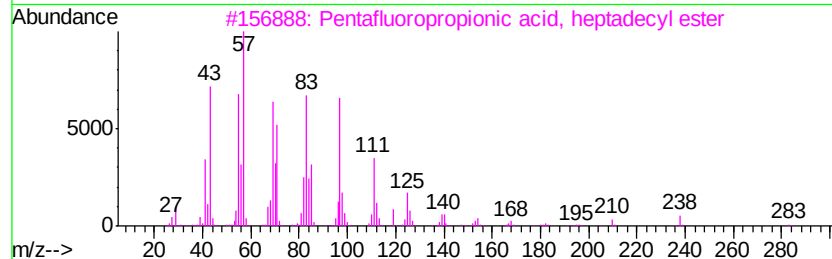
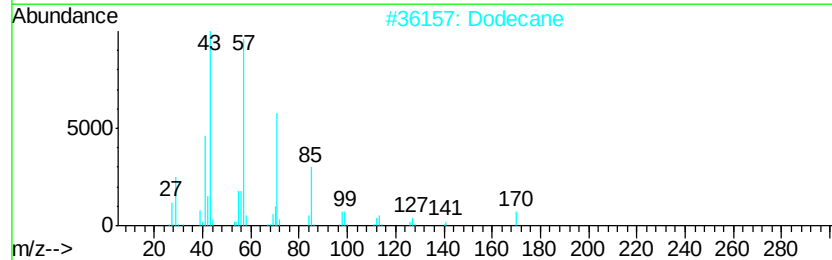
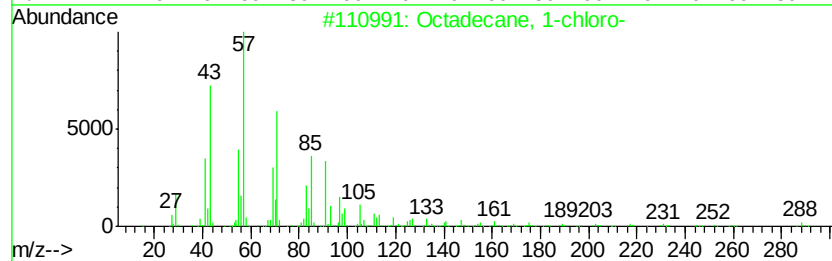
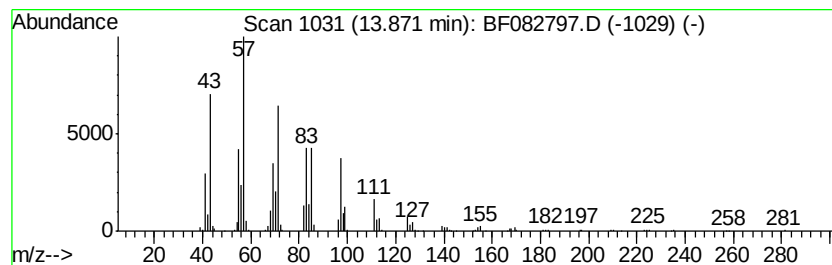
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecane, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.29 ng	678569	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
2		Dodecane	170	C12H26	000112-40-3	60
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	58
5		1-Octadecene	252	C18H36	000112-88-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
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Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

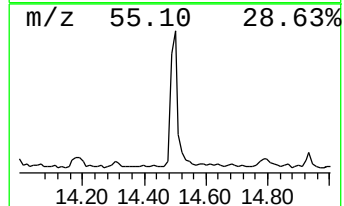
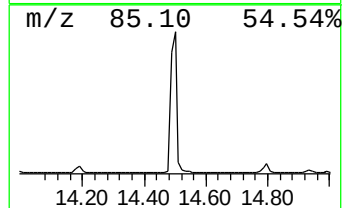
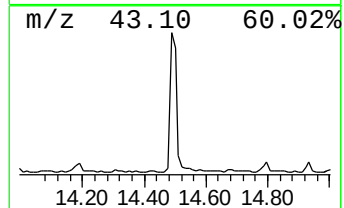
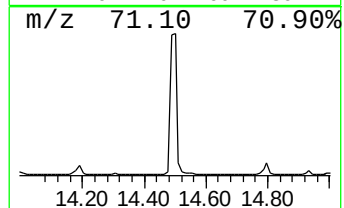
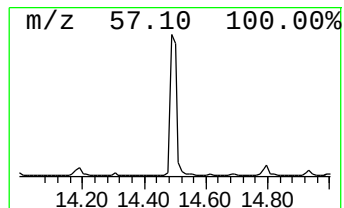
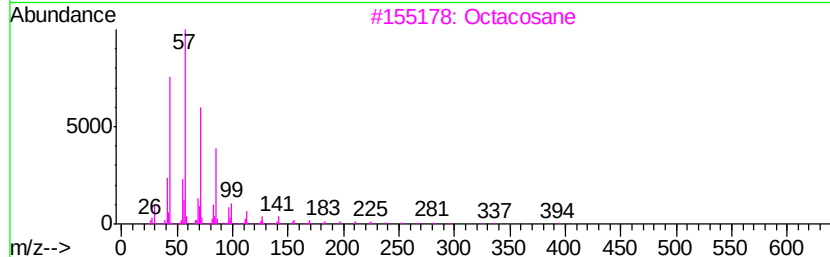
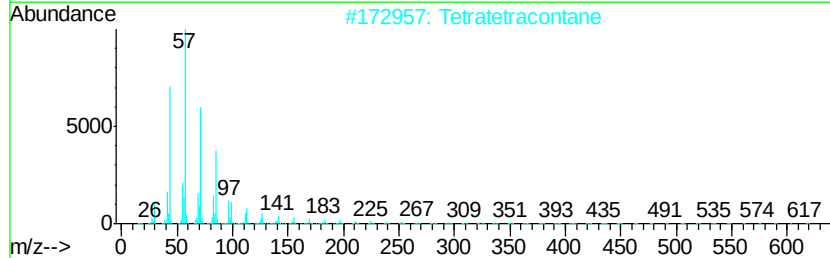
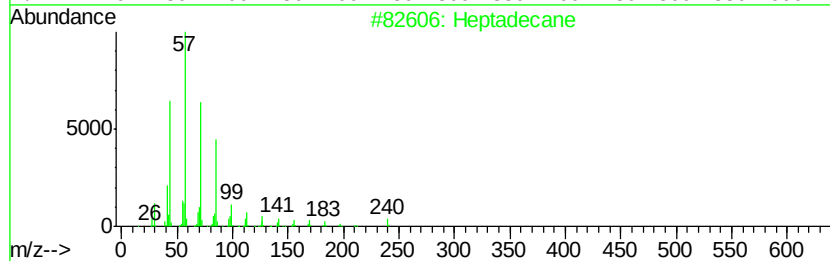
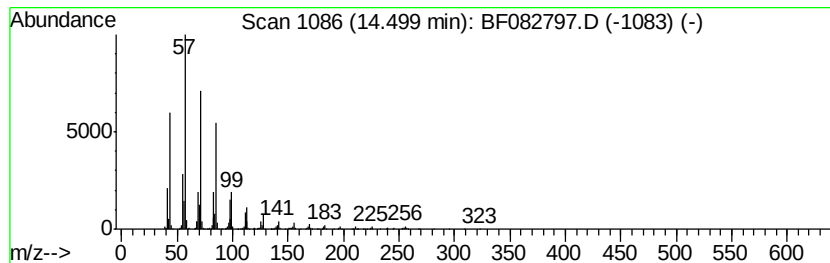
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	9.28 ng	1467940	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	94
2	Tetratetracontane	619 C44H90	007098-22-8	91
3	Octacosane	394 C28H58	000630-02-4	90
4	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	87
5	Heneicosane	296 C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082797.D
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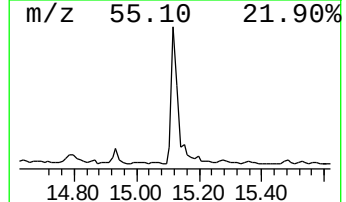
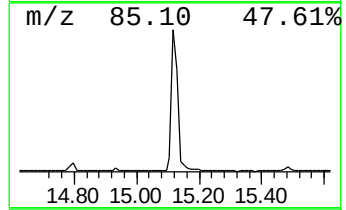
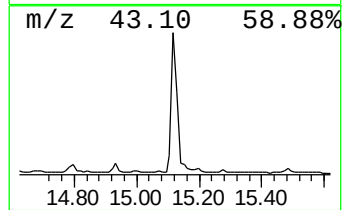
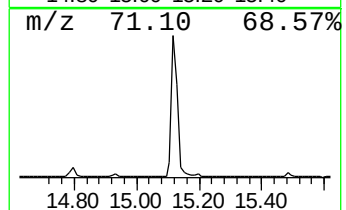
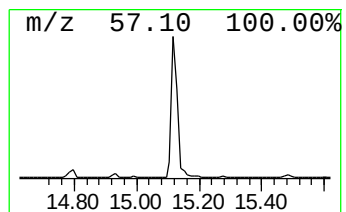
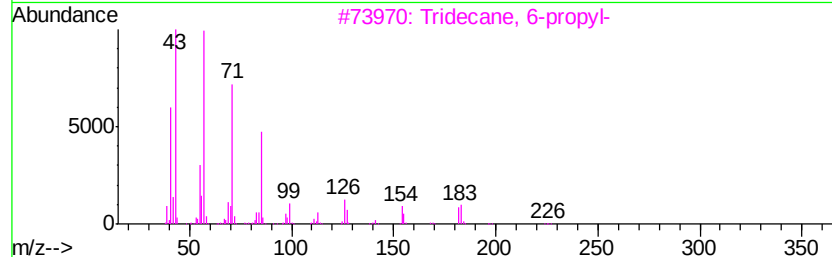
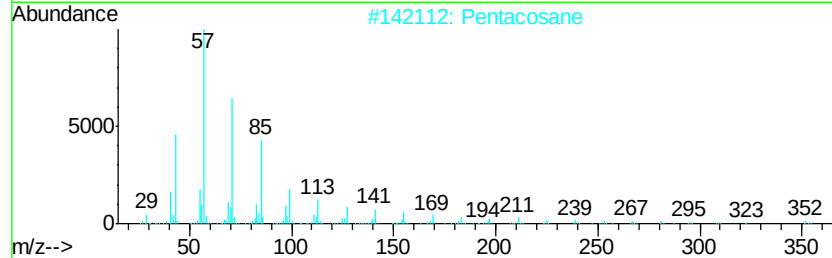
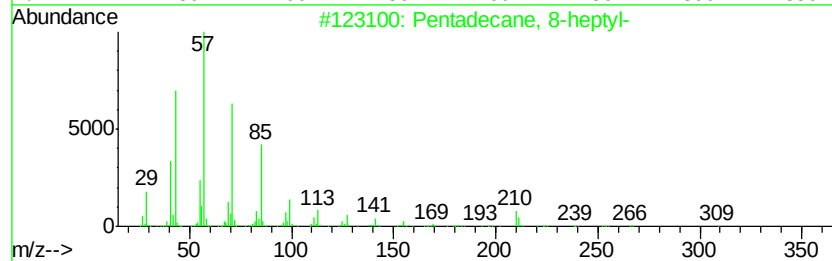
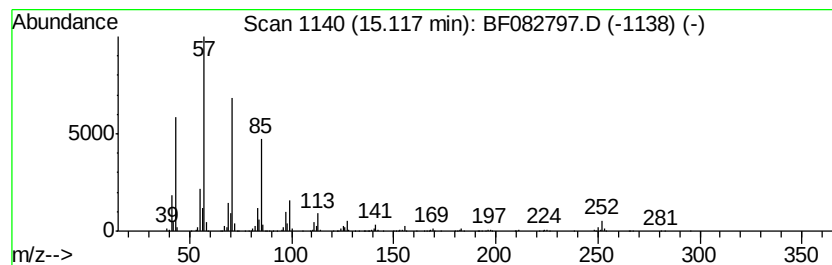
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Pentadecane, 8-heptyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	18.10 ng	1476430	Perylene-d12	15.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Pentacosane	352	C25H52	000629-99-2	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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ClientSampleId :
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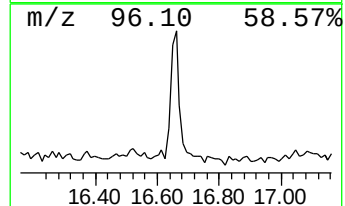
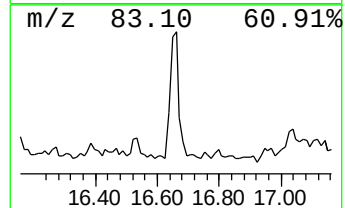
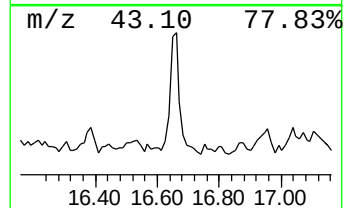
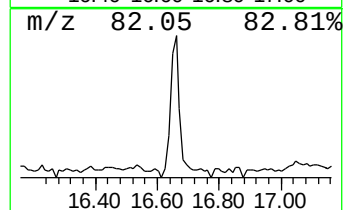
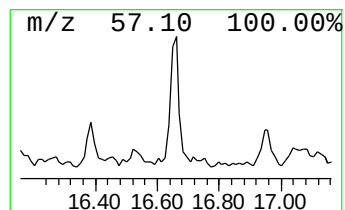
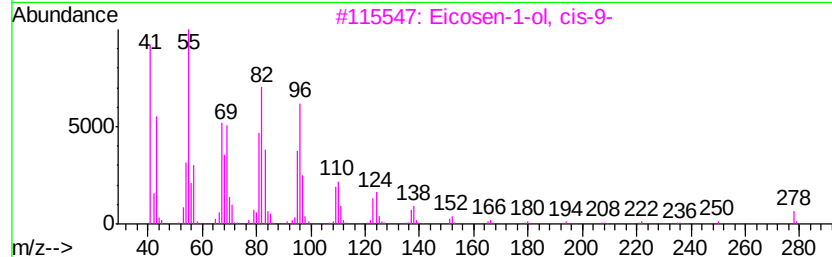
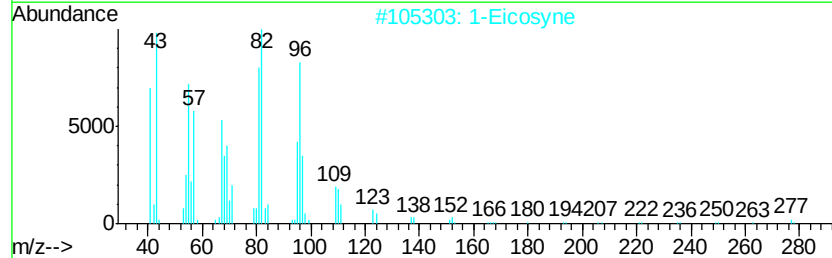
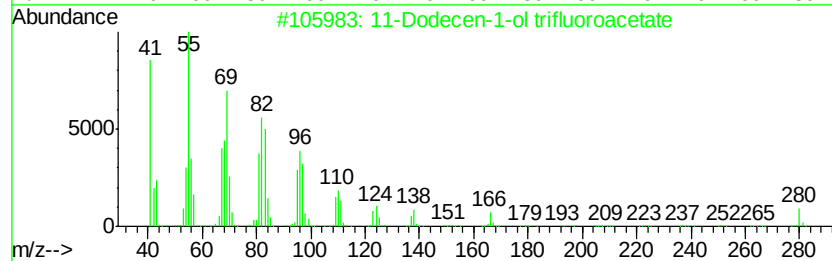
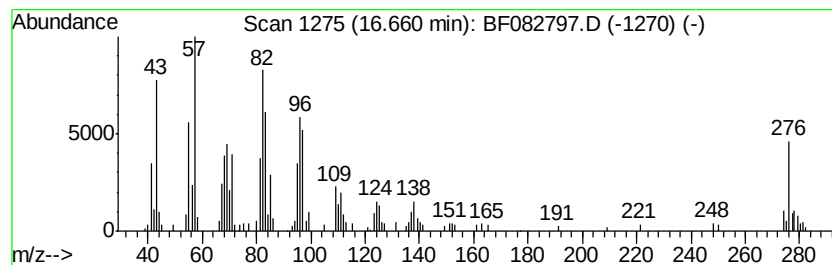
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 11-Dodecen-1-ol trifluoroac... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.91 ng	237118	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Dodecen-1-ol trifluoroacetate	280	C14H23F3O2	128792-46-1	59
2			1-Eicosyne	278	C20H38	000765-27-5	53
3			Eicosen-1-ol, cis-9-	296	C20H40O	112248-30-3	52
4			1,19-Eicosadiene	278	C20H38	014811-95-1	52
5			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
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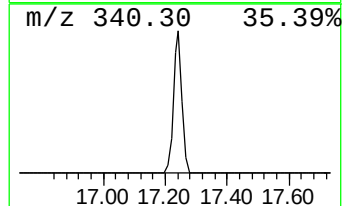
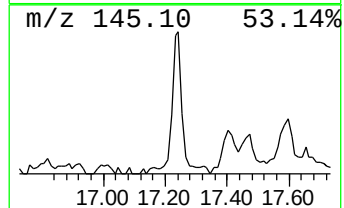
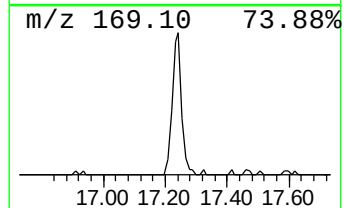
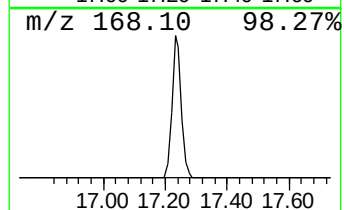
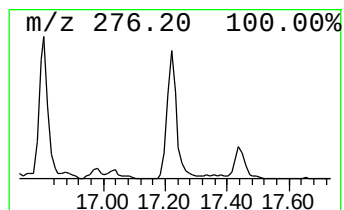
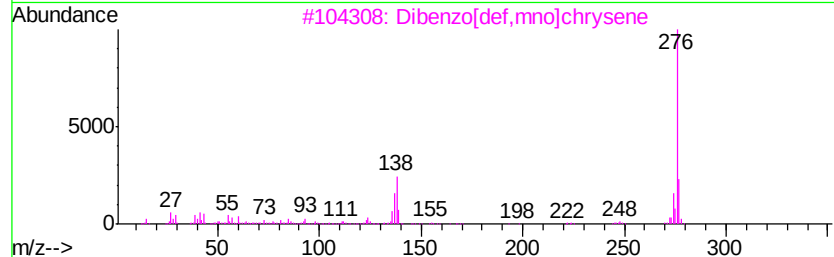
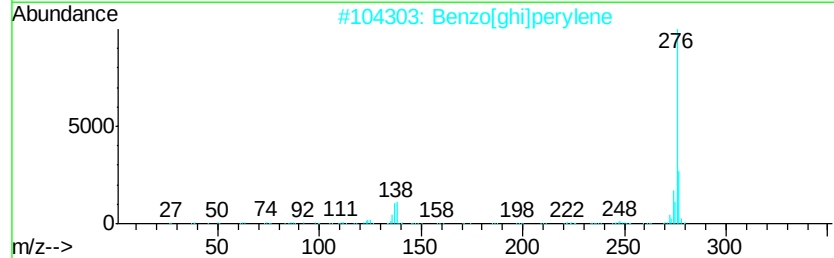
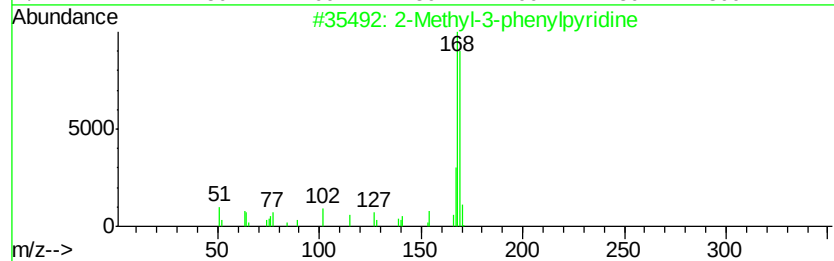
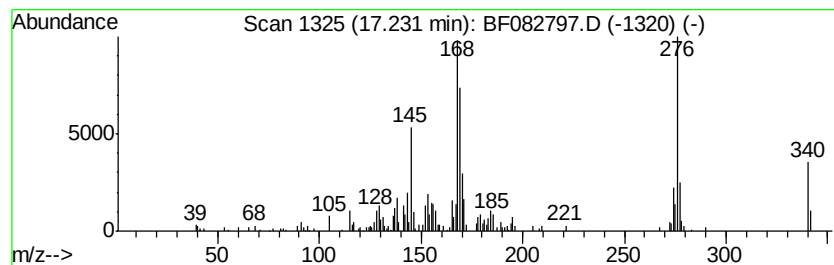
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown17.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	4.62 ng	376942	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	30
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	25
3		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	25
4		Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	18
5		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
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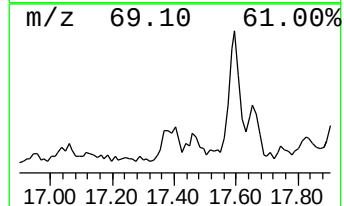
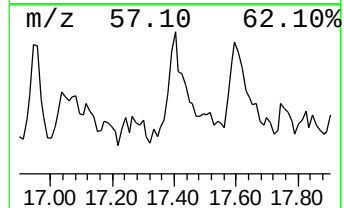
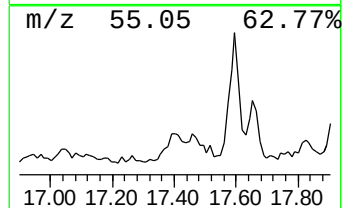
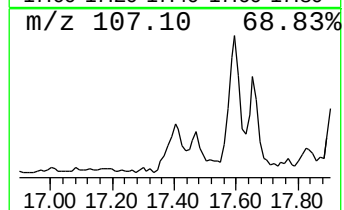
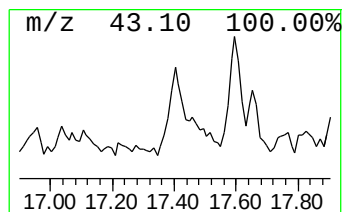
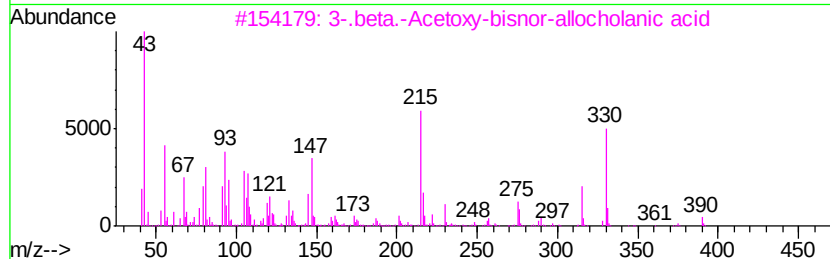
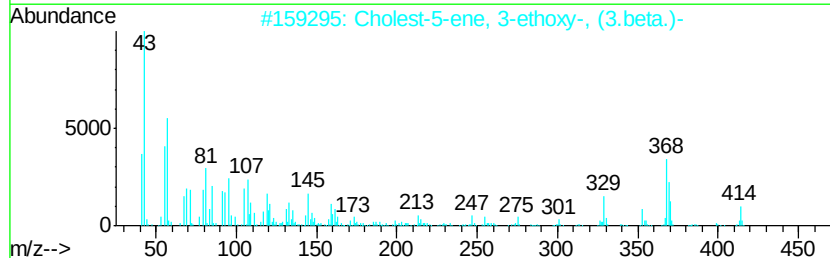
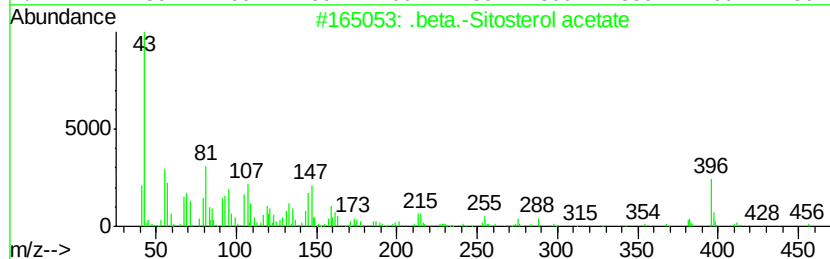
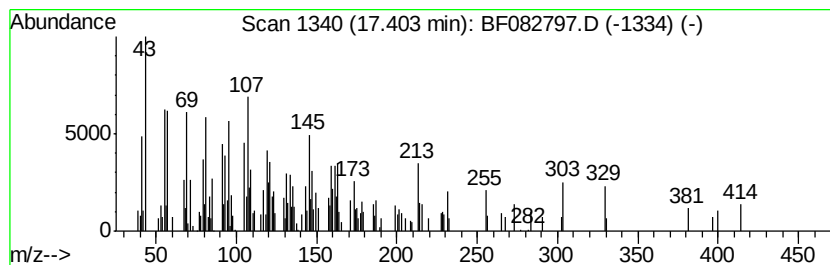
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown17.40 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	4.96 ng	404564	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	47
2		Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	45
3		3-.beta.-Acetoxy-bisnor-allochol...	390	C24H38O4	1000226-91-3	37
4		Methyl 12-acetyl-7-desoxycholate	448	C27H44O5	055547-48-3	23
5		5.alpha.Androst-16-ol, 17-ethyl...	414	C27H42O3	1000124-58-6	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082797.D
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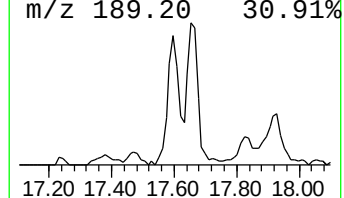
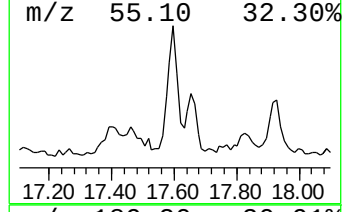
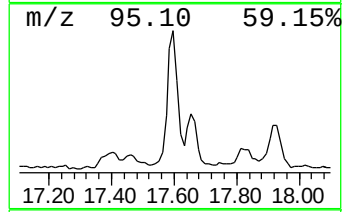
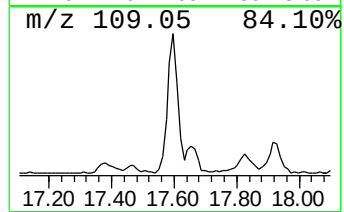
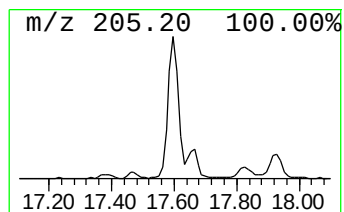
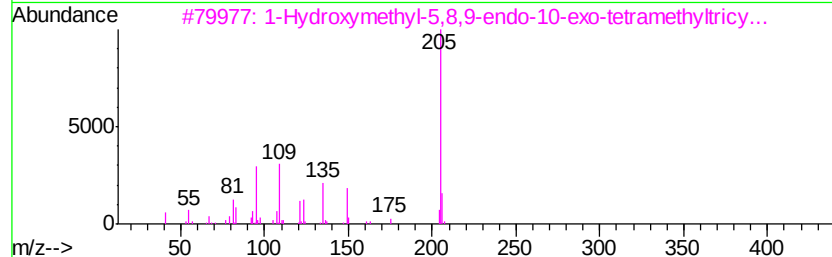
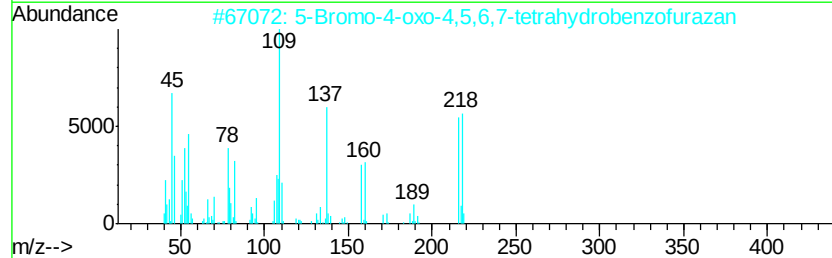
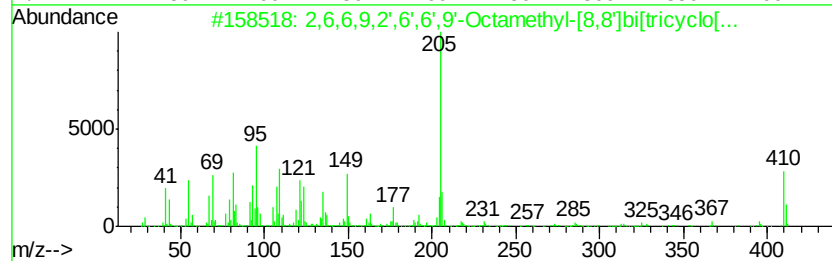
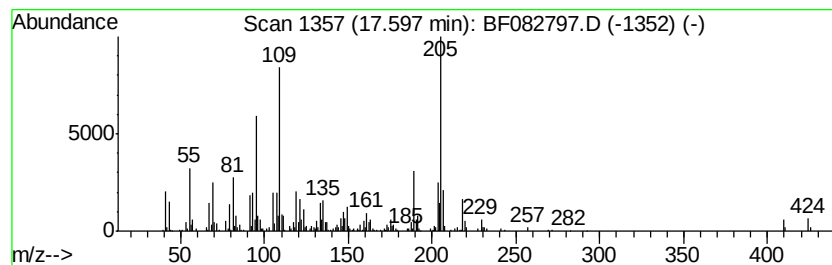
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown17.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	12.12 ng	988338	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	35
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	22
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	22
4		Chromone, 3-methyl-7-nitro-	205	C10H7NO4	253668-57-4	22
5		Benzenamine, 3,5-bis(1,1-dimethy...	205	C14H23N	002380-36-1	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
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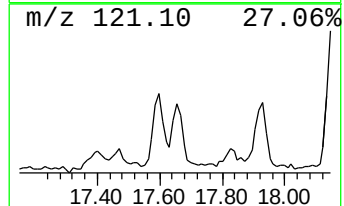
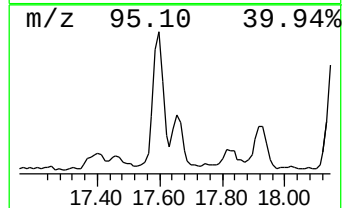
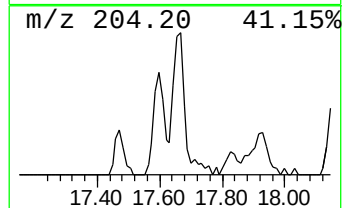
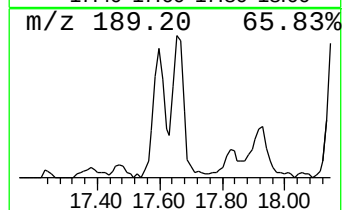
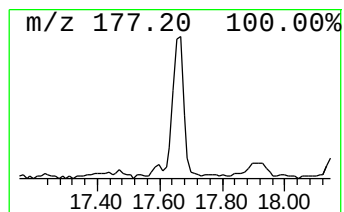
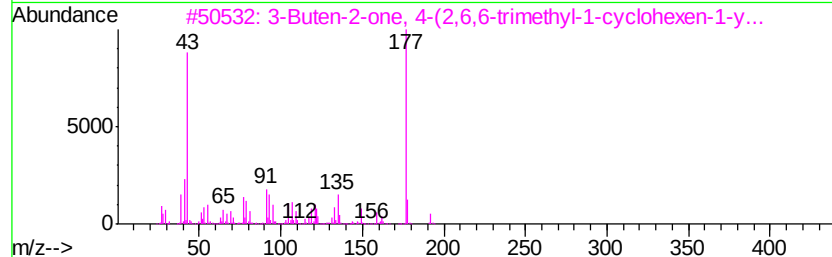
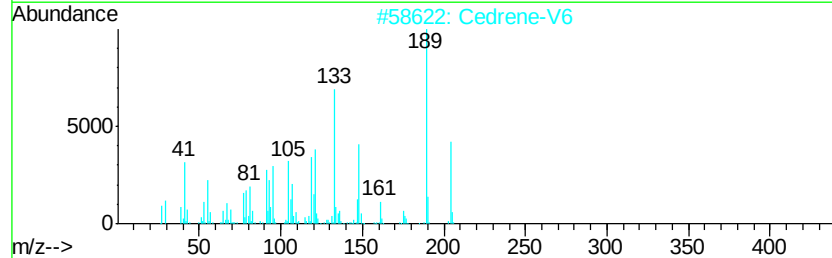
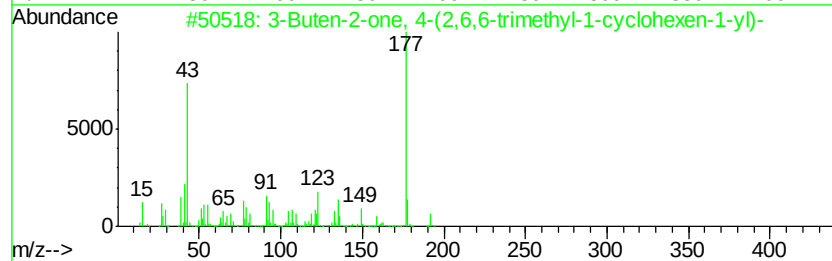
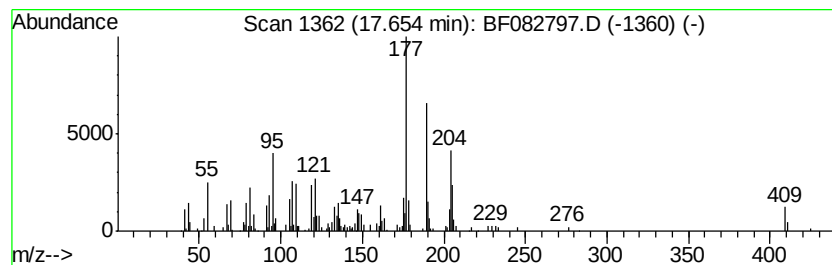
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown17.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	5.35 ng	436409	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	22
2			Cedrene-V6	204	C15H24	1000162-76-8	22
3			3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	22
4			p-Trifluoromethoxybenzamide	205	C8H6F3NO2	000456-71-3	18
5			Dihydrocoumarin, 4,4,5,7-tetrame...	204	C13H16O2	040662-14-4	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082797.D
Acq On : 7 Nov 2015 8:38
Operator : UM/IZ
Sample : G4246-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-14L

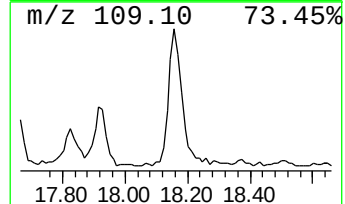
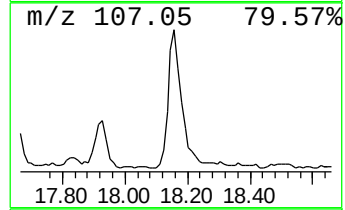
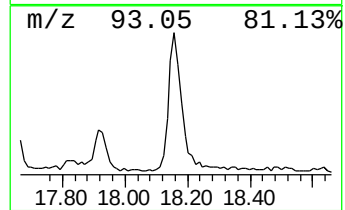
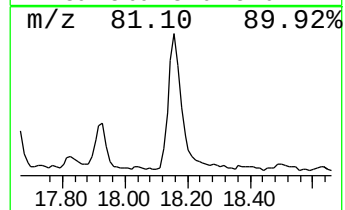
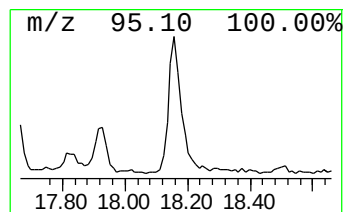
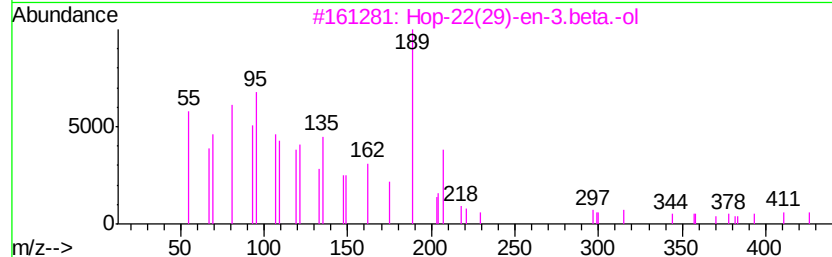
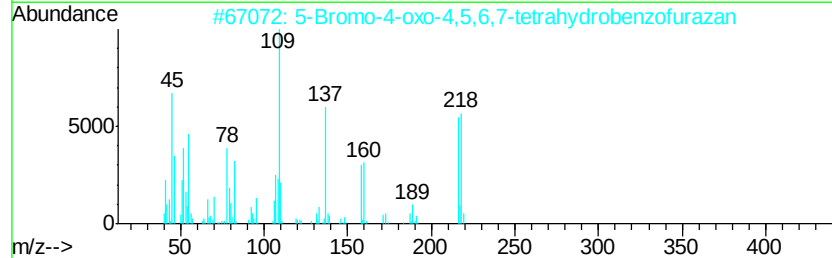
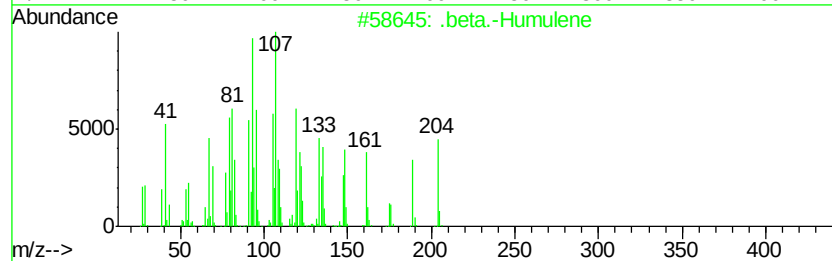
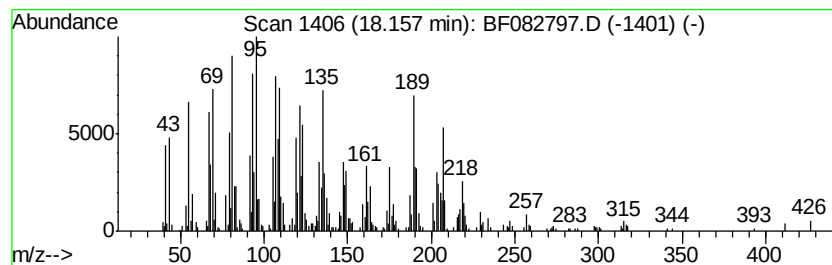
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .beta.-Humulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	21.07 ng	1718280	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Humulene	204	C15H24	000116-04-1	91
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	78
3		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	76
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	64
5		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082797.D
 Acq On : 7 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4246-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	33.0	ng	2521830	1	6.84	1527100	20.0
unknown6.61	6.61	61.0	ng	4654760	1	6.84	1527100	20.0
n-Hexadecanoic acid	11.90	3.2	ng	394536	4	11.37	2458470	20.0
4H-Cyclopenta[def...	11.98	3.4	ng	422083	4	11.37	2458470	20.0
18-Norabietane	12.24	3.5	ng	430947	4	11.37	2458470	20.0
Naphthalene, 1,2,...	12.45	2.6	ng	324845	4	11.37	2458470	20.0
Phenanthrene, 1-m...	13.09	2.9	ng	461747	5	14.01	3163570	20.0
unknown13.55	13.55	3.1	ng	489188	5	14.01	3163570	20.0
1R,4S,7S,11R-2,2,...	13.77	6.4	ng	1013090	5	14.01	3163570	20.0
Octadecane, 1-chl...	13.87	4.3	ng	678569	5	14.01	3163570	20.0
Heptadecane	14.50	9.3	ng	1467940	5	14.01	3163570	20.0
Pentadecane, 8-he...	15.12	18.1	ng	1476430	6	15.43	1631250	20.0
11-Dodecen-1-ol t...	16.66	2.9	ng	237118	6	15.43	1631250	20.0
unknown17.23	17.23	4.6	ng	376942	6	15.43	1631250	20.0
unknown17.40	17.40	5.0	ng	404564	6	15.43	1631250	20.0
unknown17.60	17.60	12.1	ng	988338	6	15.43	1631250	20.0
unknown17.65	17.65	5.3	ng	436409	6	15.43	1631250	20.0
6,10-Dimethyl-3-(...	17.93	6.3	ng	513143	6	15.43	1631250	20.0
.beta.-Humulene	18.16	21.1	ng	1718280	6	15.43	1631250	20.0