

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079470.D
 Acq On : 23 May 2015 11:44
 Operator : TP/IZ
 Sample : G2371-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-023

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-BF043015.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	1.324	9	12	15	rVB	85832	140946	6.50%	0.412%
2	1.484	24	26	29	rVB	215927	241634	11.14%	0.707%
3	1.610	36	37	45	rVB	62725	103036	4.75%	0.301%
4	1.713	45	46	68	rVB	854626	1560727	71.96%	4.563%
5	4.787	313	315	323	rVB	102492	137026	6.32%	0.401%
6	5.347	361	364	375	rBV	1407772	1645572	75.87%	4.811%
7	6.627	473	476	477	rBV	270976	380501	17.54%	1.113%
8	6.650	477	478	486	rVB	1690941	1663562	76.70%	4.864%
9	6.776	486	489	491	rBV	1410453	1754927	80.91%	5.131%
10	7.050	511	513	516	rBV	519605	473907	21.85%	1.386%
11	7.233	527	529	532	rBV	1235159	1324164	61.05%	3.872%
12	7.747	572	574	577	rBV	748524	669940	30.89%	1.959%
13	8.376	621	629	637	rBV	48029	155561	7.17%	0.455%
14	8.628	649	651	652	rBV	728712	643219	29.66%	1.881%
15	8.650	652	653	656	rVB	177323	179104	8.26%	0.524%
16	9.519	727	729	731	rVB	49859	61425	2.83%	0.180%
17	9.873	758	760	764	rBV	164542	171351	7.90%	0.501%
18	9.976	767	769	771	rBV	2364764	2059424	94.95%	6.021%
19	10.491	811	814	816	rBV	110510	132309	6.10%	0.387%
20	10.628	823	826	828	rBV	49662	73136	3.37%	0.214%
21	10.799	837	841	843	rBV2	672086	810605	37.37%	2.370%
22	10.833	843	844	848	rVB	98368	98807	4.56%	0.289%
23	11.051	861	863	865	rBV	89917	91085	4.20%	0.266%
24	11.474	898	900	903	rBV	112014	110569	5.10%	0.323%
25	11.782	924	927	929	rBV2	589343	833743	38.44%	2.438%
26	12.354	971	977	979	rBV6	18278	57939	2.67%	0.169%
27	12.399	979	981	983	rVB	94950	88515	4.08%	0.259%
28	12.445	983	985	988	rBV	55652	95343	4.40%	0.279%
29	12.628	999	1001	1003	rBV	531393	861033	39.70%	2.518%
30	12.662	1003	1004	1006	rVV	1203224	958164	44.18%	2.802%
31	12.731	1006	1010	1012	rVV	209967	310250	14.30%	0.907%
32	12.777	1012	1014	1017	rVB2	29209	54364	2.51%	0.159%
33	12.937	1027	1028	1031	rBV	88755	107839	4.97%	0.315%
34	13.257	1054	1056	1058	rBV	79157	106958	4.93%	0.313%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079470.D
 Acq On : 23 May 2015 11:44
 Operator : TP/IZ
 Sample : G2371-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-023

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-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.291	1058	1059	1062	rVB	106137	140478	6.48%	0.411%
36	13.394	1062	1068	1069	rBV2	213392	479708	22.12%	1.403%
37	13.417	1069	1070	1076	rVB	85631	135955	6.27%	0.398%
38	13.634	1088	1089	1091	rBV	71649	92945	4.29%	0.272%
39	13.668	1091	1092	1096	rVB	81567	73597	3.39%	0.215%
40	13.908	1110	1113	1115	rBV2	52554	90028	4.15%	0.263%
41	14.045	1124	1125	1128	rVB	67511	86639	3.99%	0.253%
42	14.137	1130	1133	1135	rBV	1326264	1310067	60.40%	3.830%
43	14.251	1141	1143	1146	rVB	36999	55030	2.54%	0.161%
44	14.320	1146	1149	1150	rBV	73075	88258	4.07%	0.258%
45	14.411	1154	1157	1159	rVV	1087757	1290332	59.49%	3.773%
46	14.571	1169	1171	1173	rBV	56762	77004	3.55%	0.225%
47	14.628	1173	1176	1179	rVB	2129504	2168939	100.00%	6.342%
48	14.708	1179	1183	1188	rBV4	82626	225448	10.39%	0.659%
49	14.800	1188	1191	1192	rBV2	69027	113982	5.26%	0.333%
50	14.834	1192	1194	1196	rVB	125783	153384	7.07%	0.448%
51	14.914	1199	1201	1203	rBV	56186	62448	2.88%	0.183%
52	14.960	1203	1205	1210	rVB2	126016	197950	9.13%	0.579%
53	15.074	1213	1215	1216	rVB	48272	54602	2.52%	0.160%
54	15.108	1216	1218	1224	rBV3	61715	125782	5.80%	0.368%
55	15.200	1224	1226	1229	rBV2	26162	52628	2.43%	0.154%
56	15.348	1234	1239	1240	rBV4	52829	116705	5.38%	0.341%
57	15.474	1246	1250	1253	rBV	95759	178962	8.25%	0.523%
58	15.600	1258	1261	1263	rBV	121740	166205	7.66%	0.486%
59	15.645	1263	1265	1268	rVV2	81031	201247	9.28%	0.588%
60	15.737	1271	1273	1276	rVB	141650	162873	7.51%	0.476%
61	15.805	1276	1279	1282	rBV3	220702	356493	16.44%	1.042%
62	15.920	1286	1289	1291	rVV2	930011	1706536	78.68%	4.990%
63	15.954	1291	1292	1294	rVV	570283	534479	24.64%	1.563%
64	16.045	1298	1300	1302	rVB	70058	101557	4.68%	0.297%
65	16.091	1302	1304	1307	rBV2	160999	236776	10.92%	0.692%
66	16.194	1311	1313	1315	rVB	66022	80890	3.73%	0.237%
67	16.228	1315	1316	1319	rBV	61497	103146	4.76%	0.302%
68	16.377	1327	1329	1331	rBV2	47983	87025	4.01%	0.254%
69	16.434	1331	1334	1336	rVV	108789	150943	6.96%	0.441%
70	16.468	1336	1337	1341	rVV2	39881	81005	3.73%	0.237%
71	16.594	1346	1348	1351	rVV3	47242	135369	6.24%	0.396%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.651	1351	1353	1355	rVV2	58040	105195	4.85%	0.308%
73	16.708	1355	1358	1360	rVB	38344	58744	2.71%	0.172%
74	16.994	1380	1383	1385	rBV2	53705	94709	4.37%	0.277%
75	17.040	1385	1387	1391	rVB3	38290	90998	4.20%	0.266%
76	17.246	1402	1405	1410	rBV	560909	1225687	56.51%	3.584%
77	17.360	1414	1415	1418	rVB	95742	115753	5.34%	0.338%
78	17.566	1431	1433	1437	rBV	294805	420850	19.40%	1.231%
79	17.634	1437	1439	1442	rBV	502017	577648	26.63%	1.689%
80	17.703	1442	1445	1447	rBV	576770	790248	36.43%	2.311%
81	17.737	1447	1448	1450	rVB	96491	75805	3.50%	0.222%
82	19.063	1561	1564	1569	rVB2	226700	469817	21.66%	1.374%
83	19.223	1576	1578	1581	rBV	63141	159618	7.36%	0.467%
84	19.451	1595	1598	1603	rVB	201779	384178	17.71%	1.123%

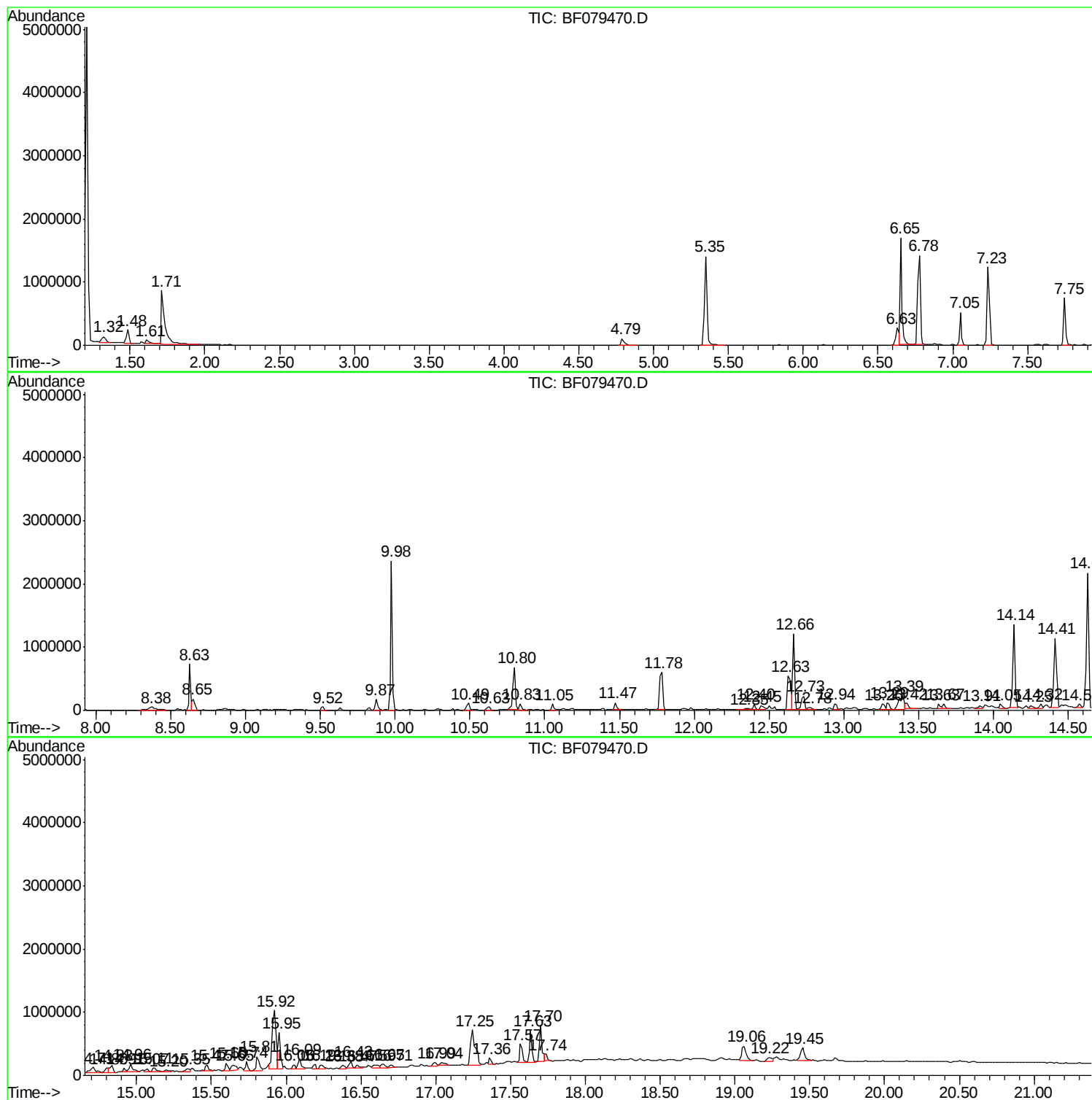
Sum of corrected areas: 34201350

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

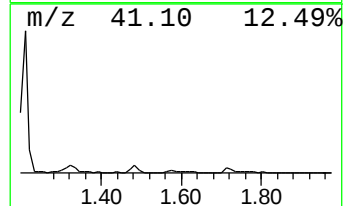
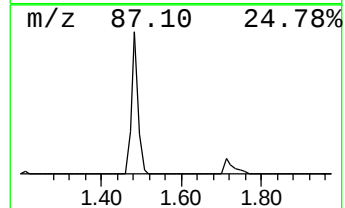
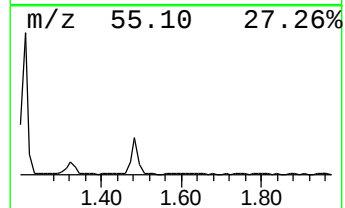
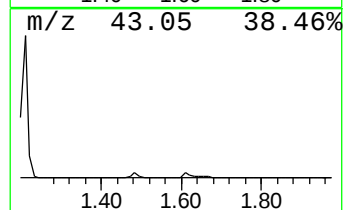
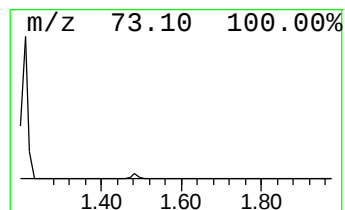
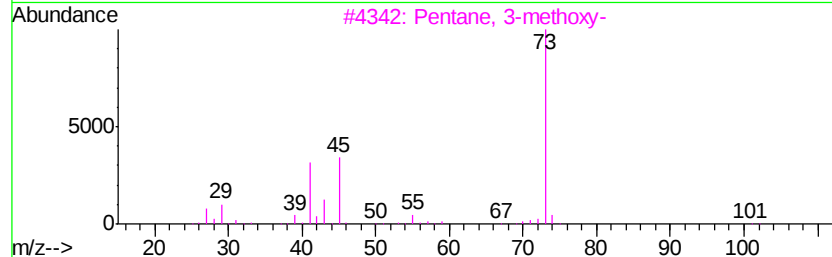
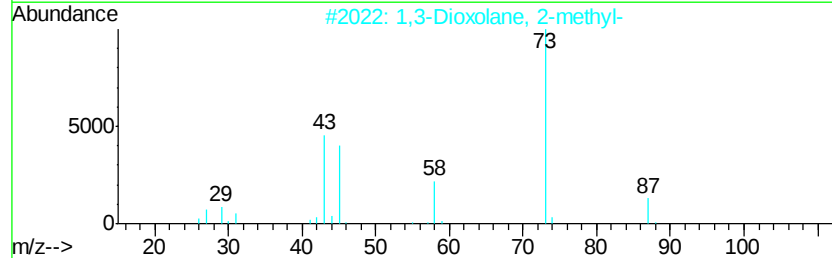
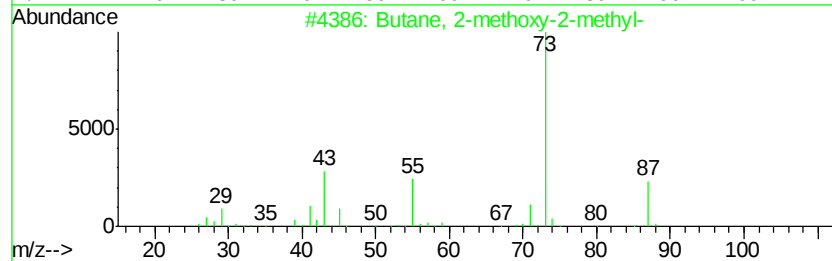
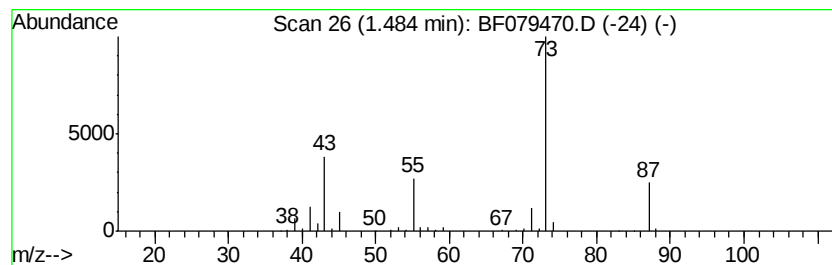
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	10.20 ng	241634	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

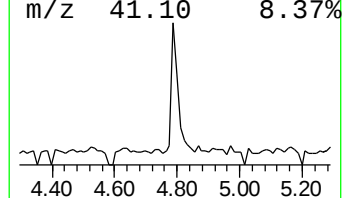
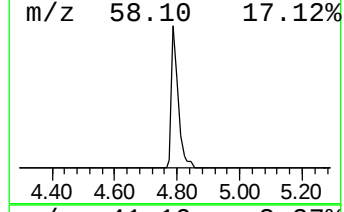
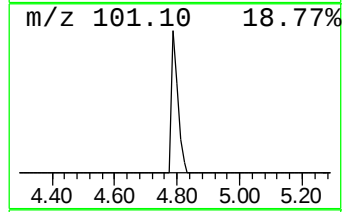
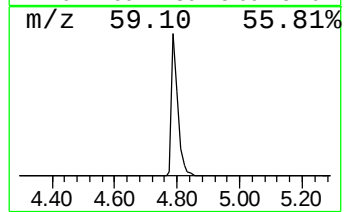
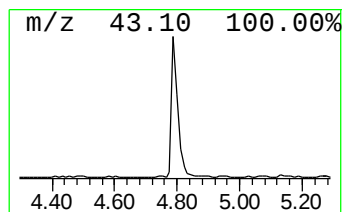
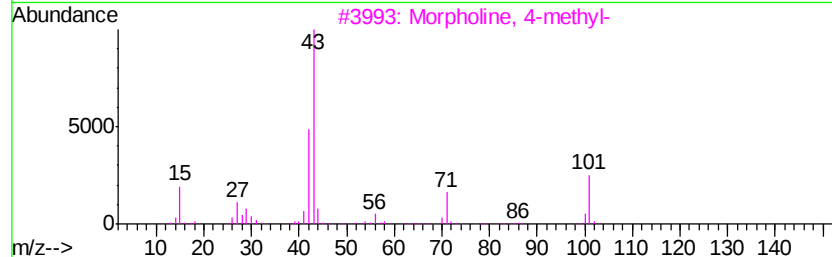
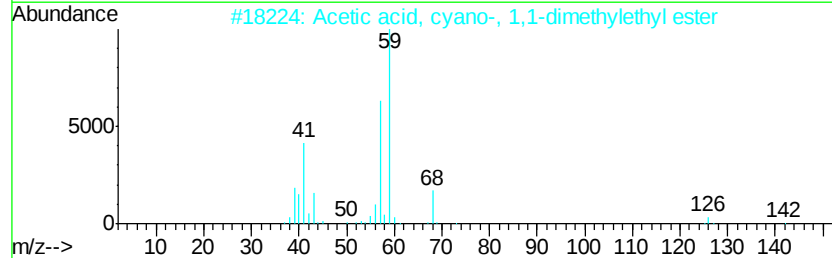
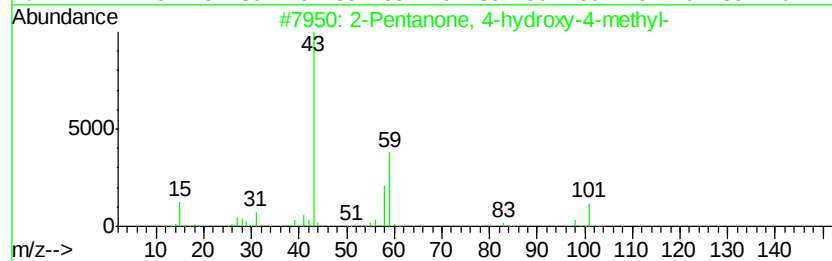
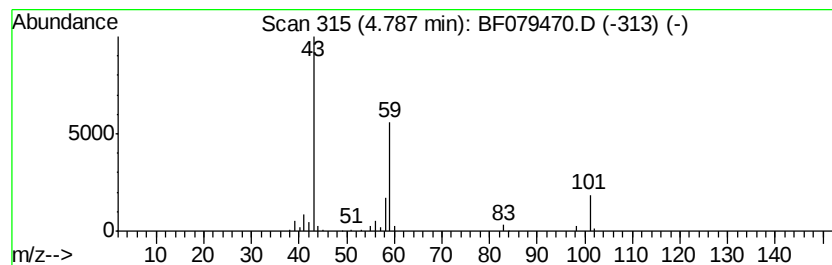
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	5.78 ng	137026	1,4-Dichlorobenzene-d4	7.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

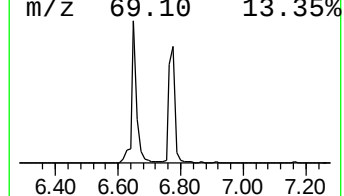
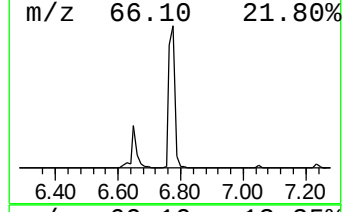
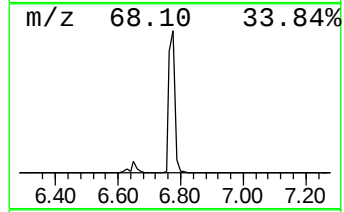
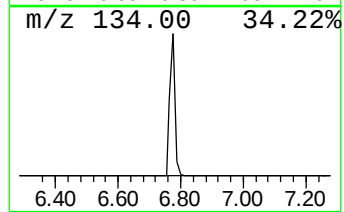
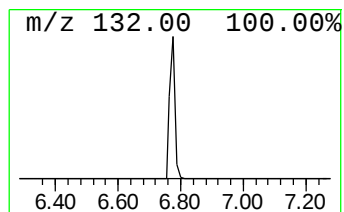
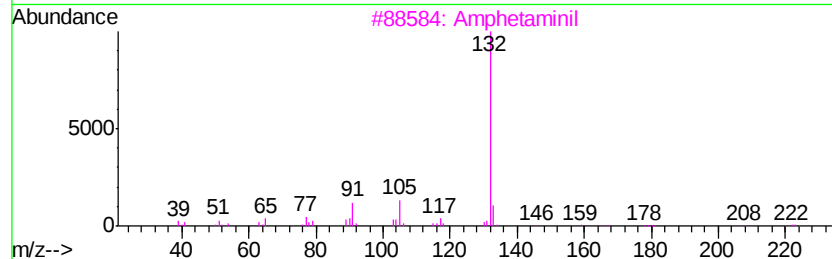
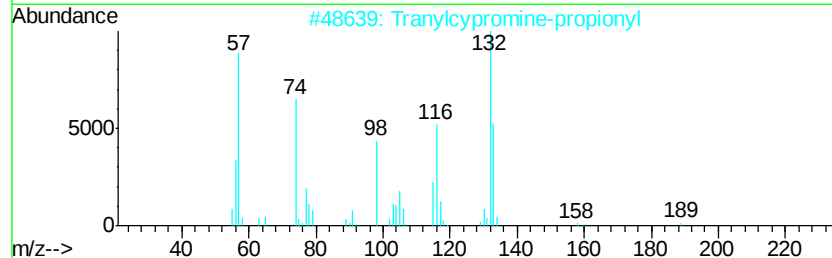
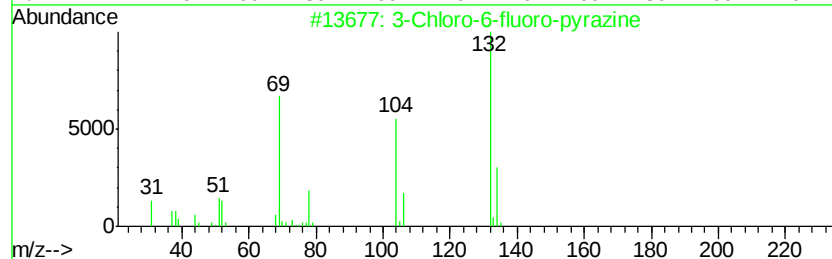
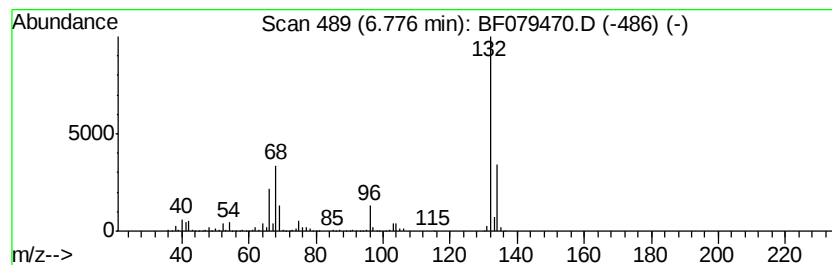
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	74.06 ng	1754930	1,4-Dichlorobenzene-d4	7.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
SW-023

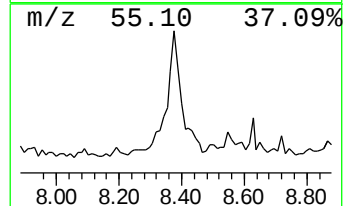
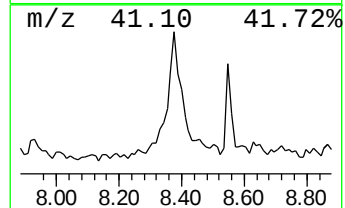
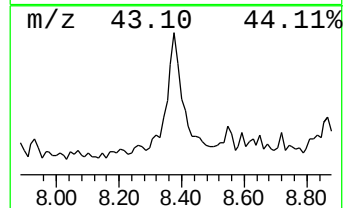
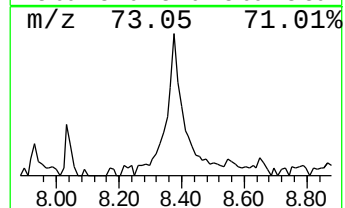
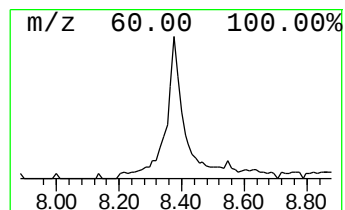
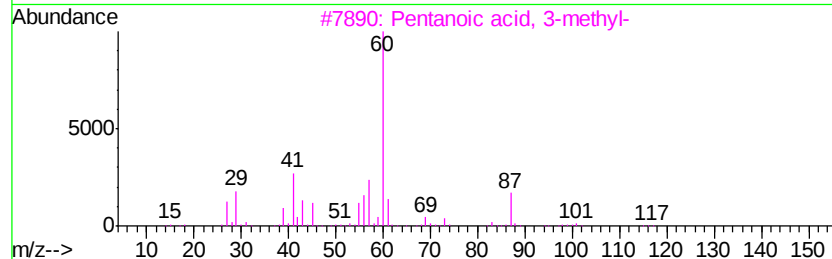
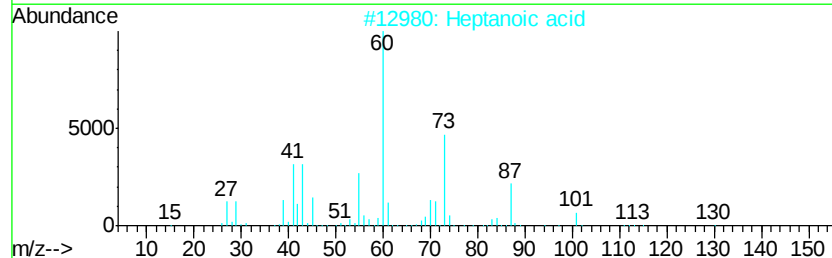
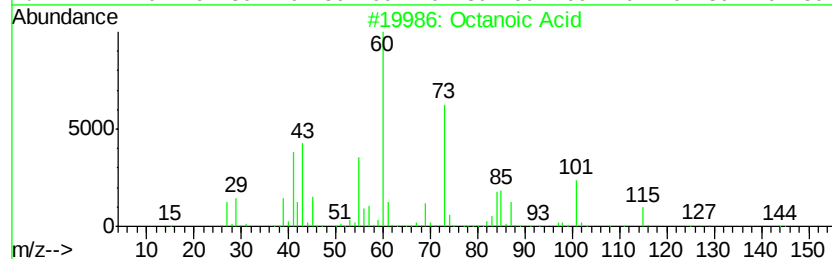
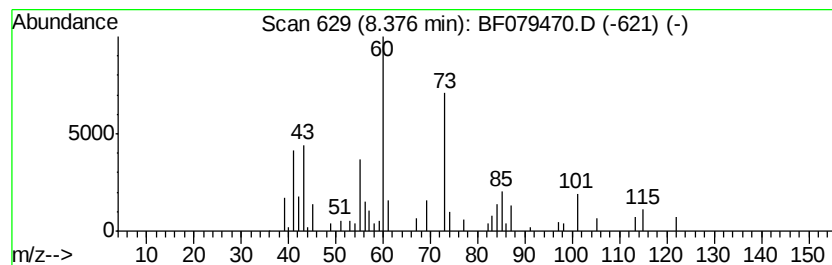
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octanoic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	4.84 ng	155561	Naphthalene-d8	8.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid		144	C8H16O2	000124-07-2	90
2	Heptanoic acid		130	C7H14O2	000111-14-8	47
3	Pentanoic acid, 3-methyl-		116	C6H12O2	000105-43-1	43
4	Hexanoic acid		116	C6H12O2	000142-62-1	40
5	Ethyl .beta.-d-ribose		178	C7H14O5	1000126-95-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

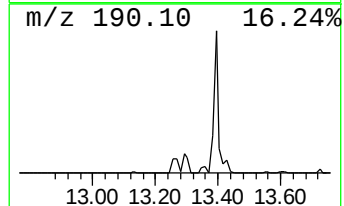
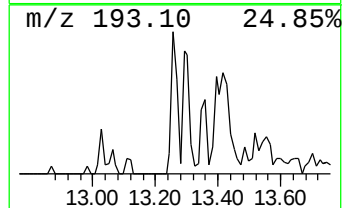
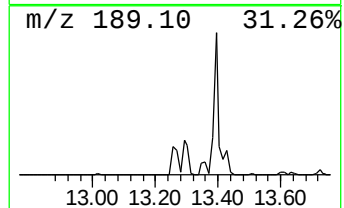
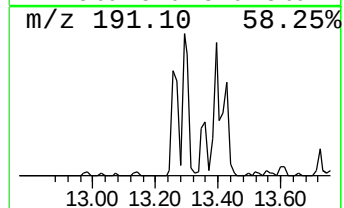
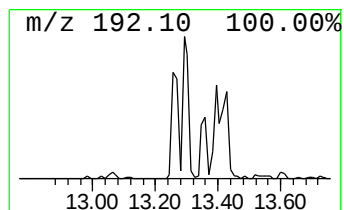
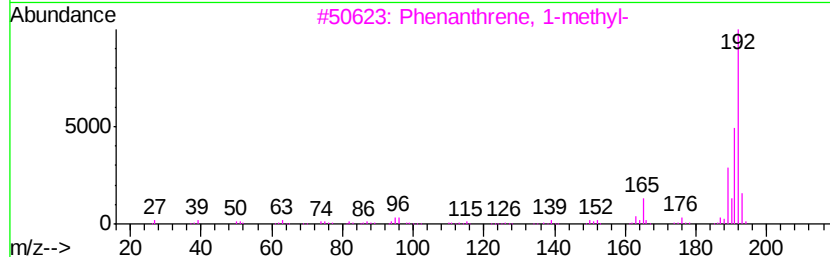
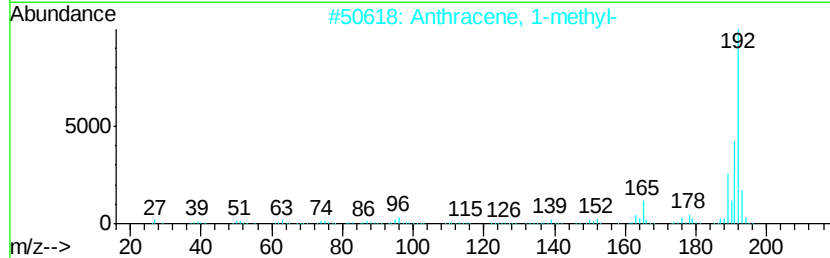
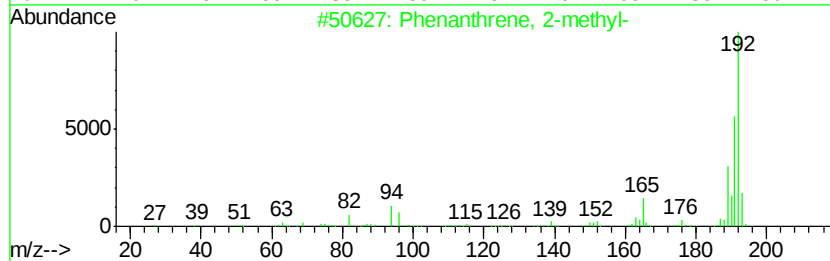
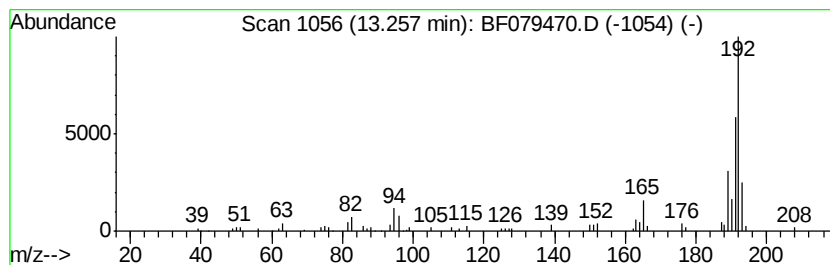
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.48 ng	106958	Phenanthrene-d10	12.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

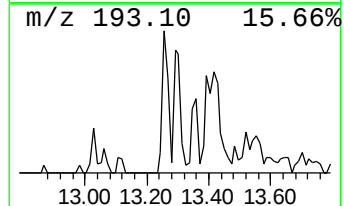
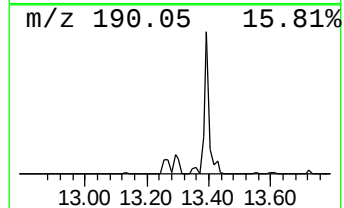
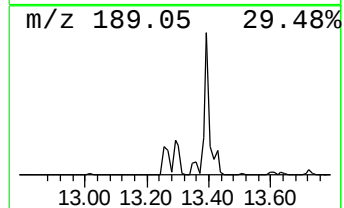
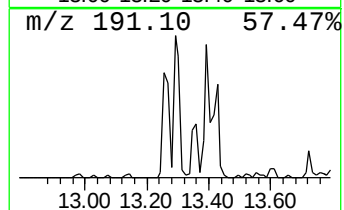
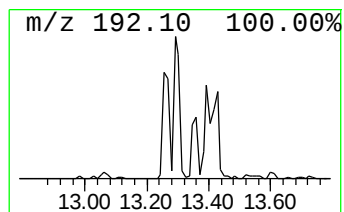
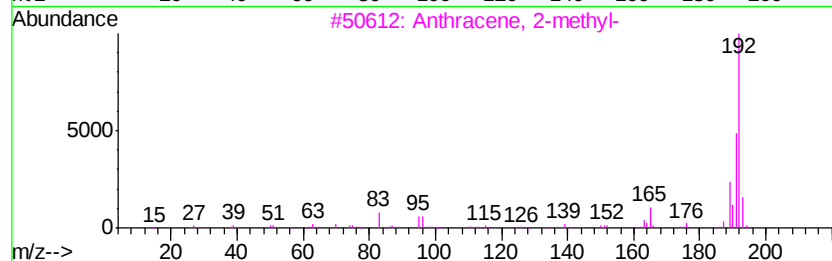
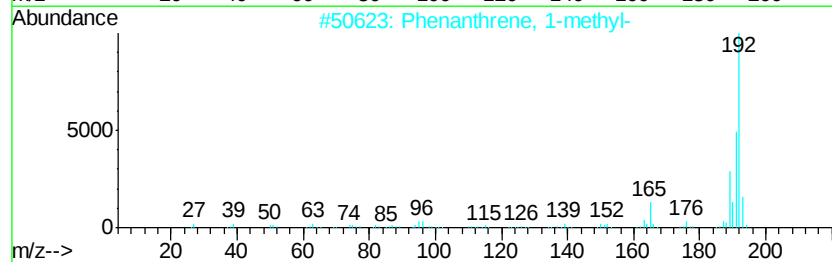
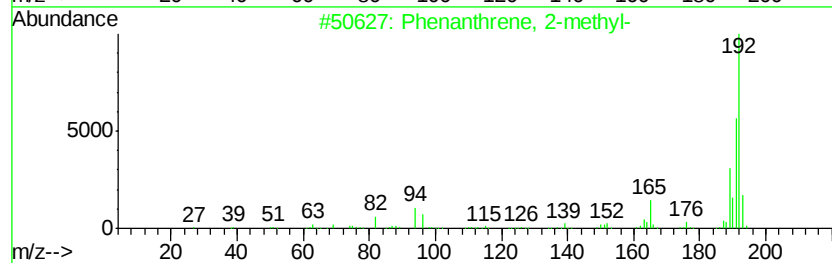
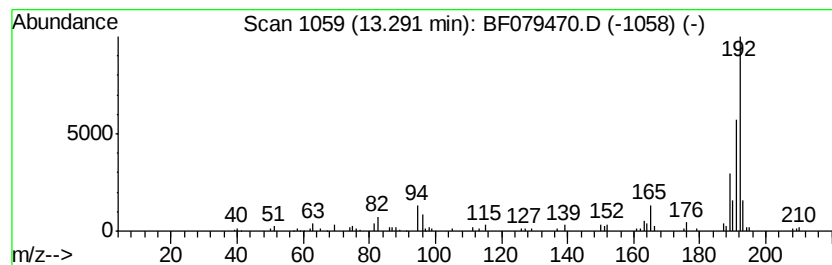
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.26 ng	140478	Phenanthrene-d10	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

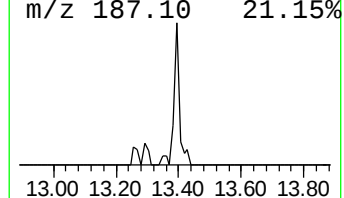
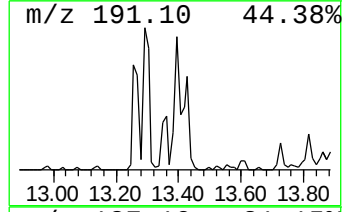
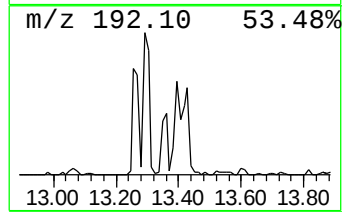
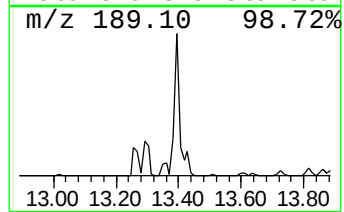
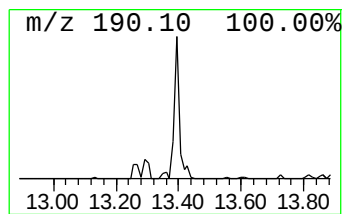
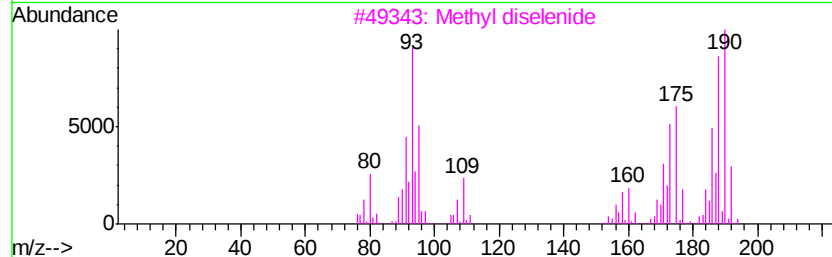
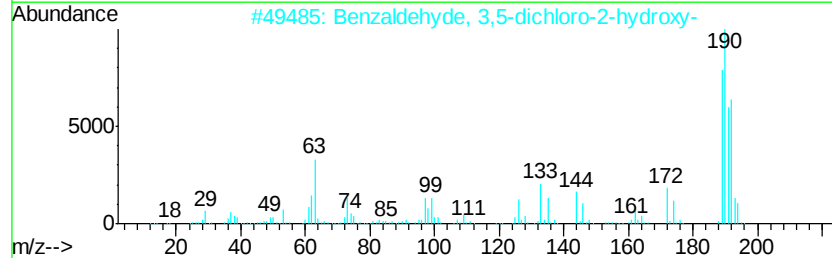
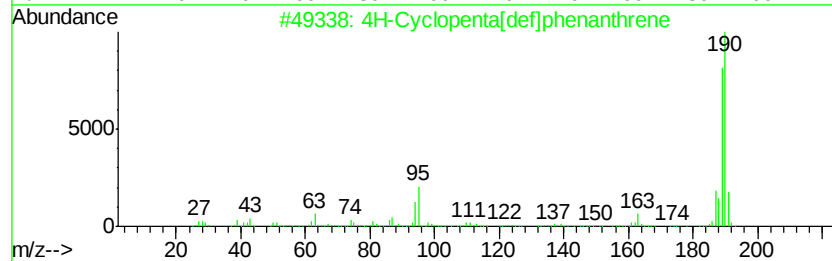
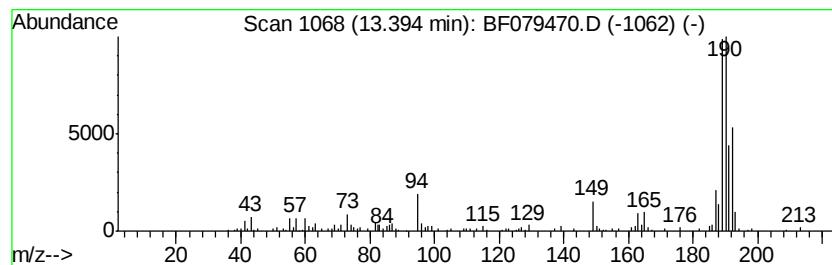
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	11.14 ng	479708	Phenanthrene-d10	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		Methyl diselenide	190	C2H6Se2	007101-31-7	41
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

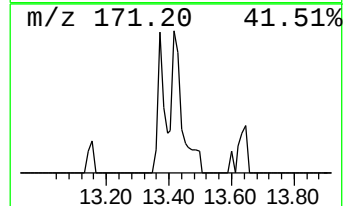
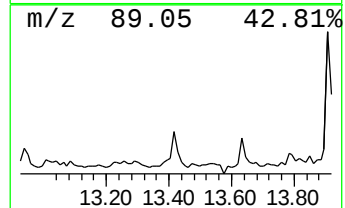
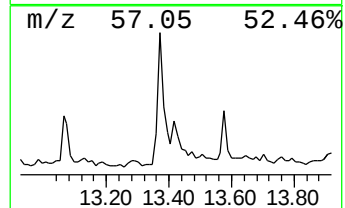
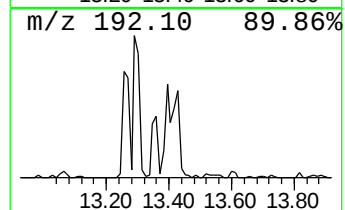
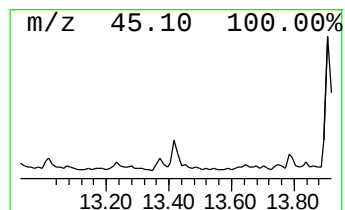
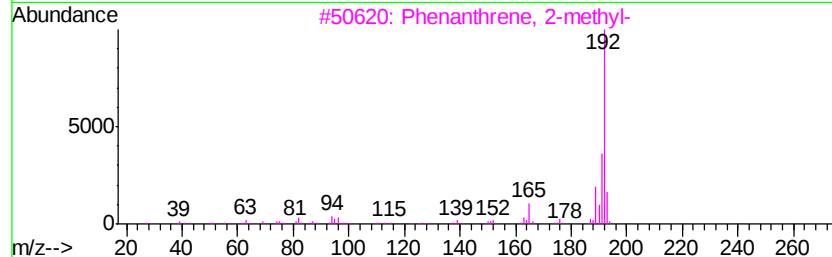
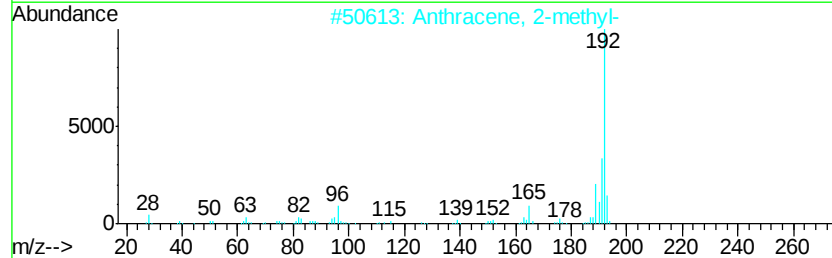
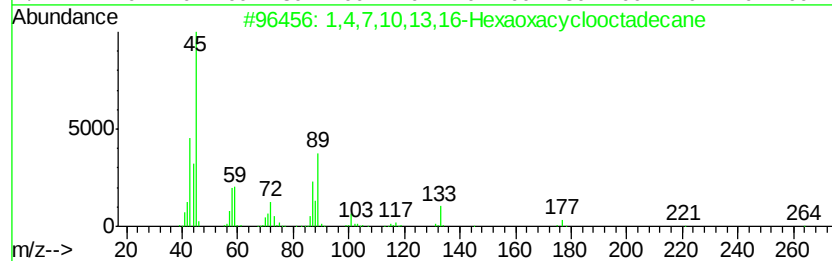
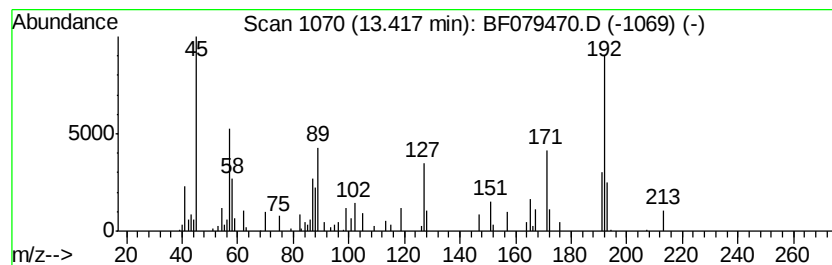
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.16 ng	135955	Phenanthrene-d10	12.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctadecane	264	C12H24O6	017455-13-9	22		
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	20		
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18		
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	14		
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	14		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

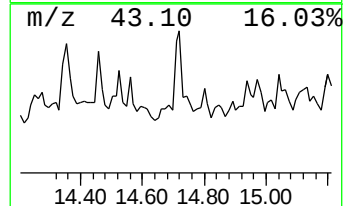
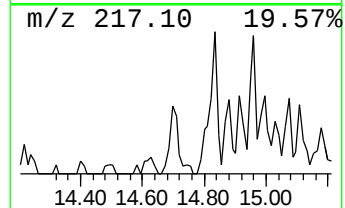
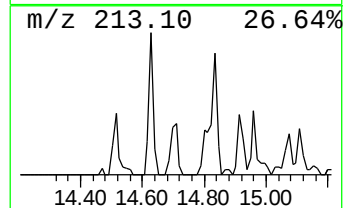
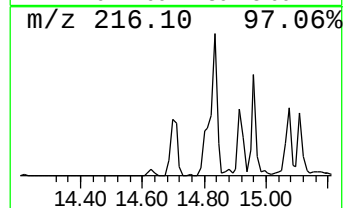
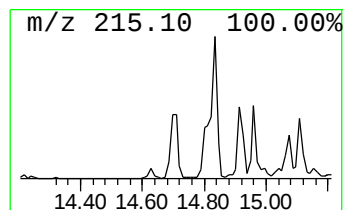
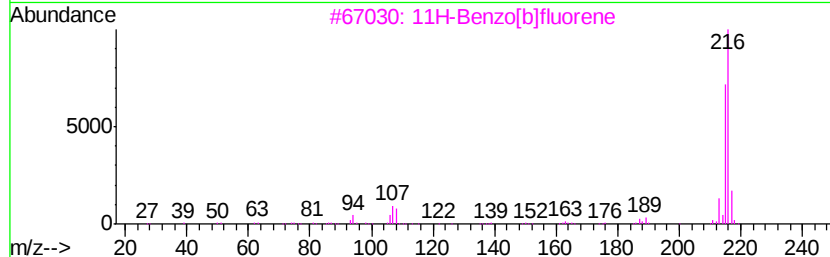
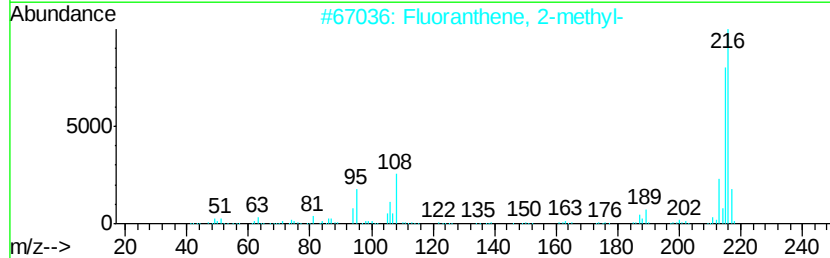
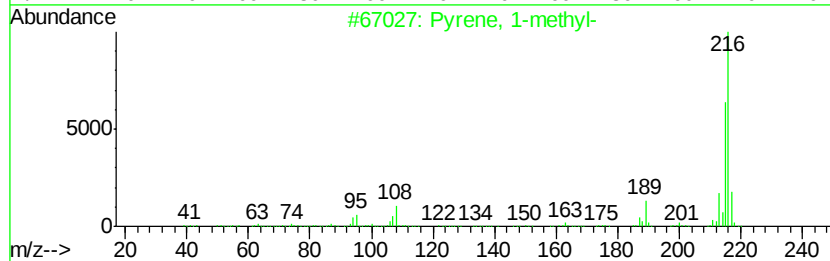
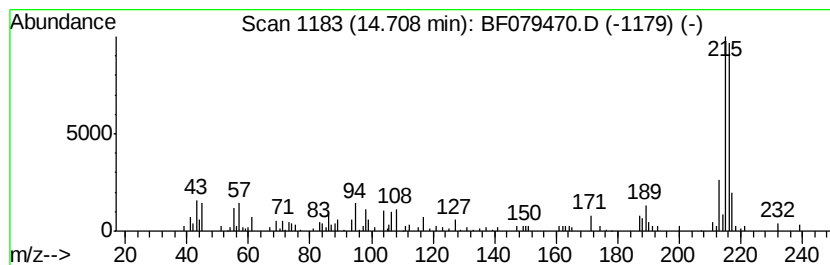
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.64 ng	225448	Chrysene-d12	15.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

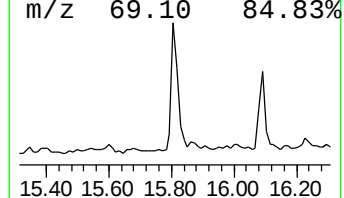
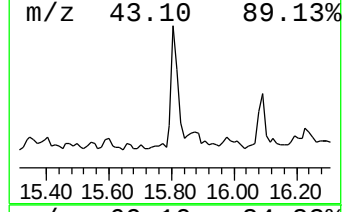
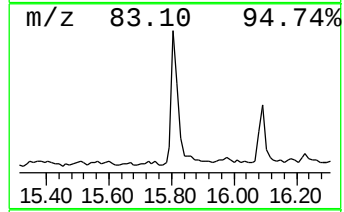
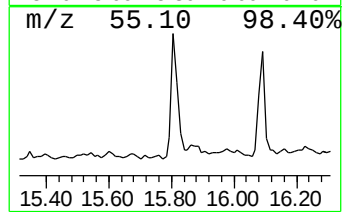
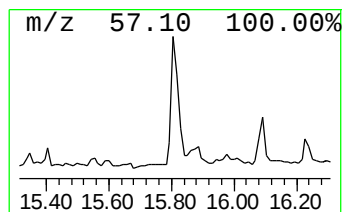
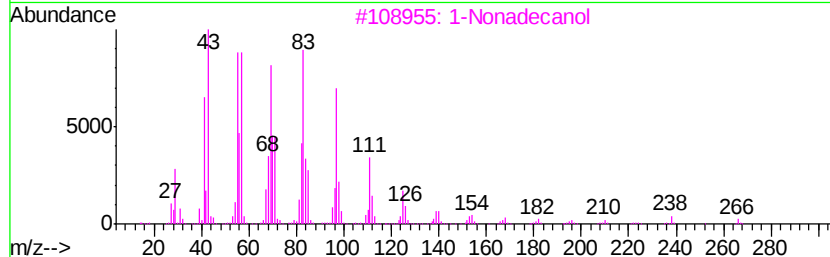
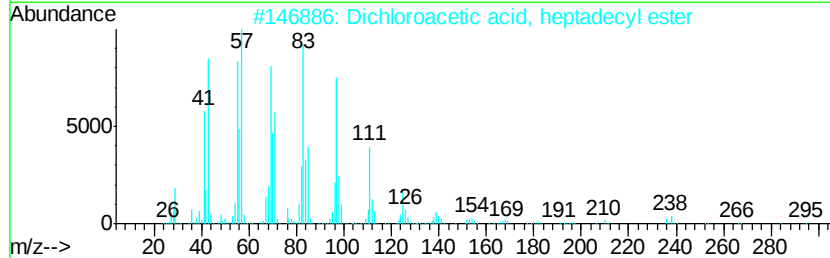
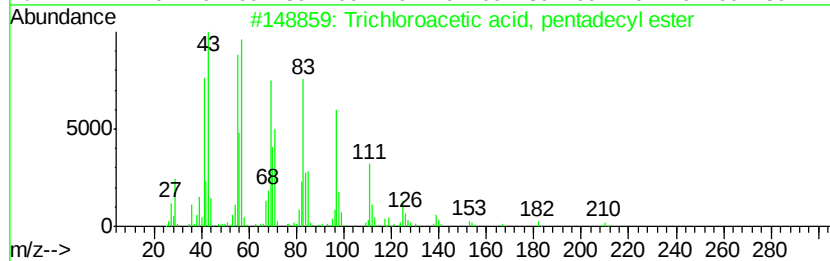
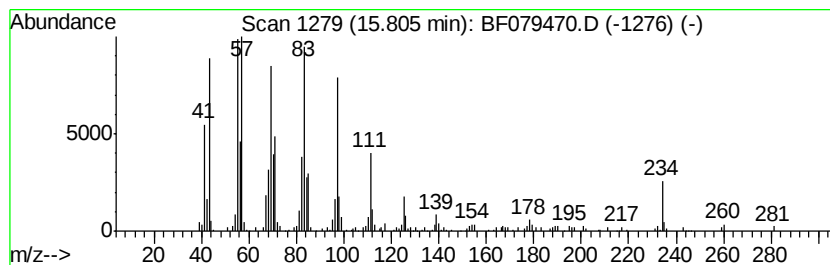
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Trichloroacetic acid, penta... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	4.18 ng	356493	Chrysene-d12	15.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3			1-Nonadecanol	284	C19H40O	001454-84-8	93
4			1-Octadecanol	270	C18H38O	000112-92-5	93
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

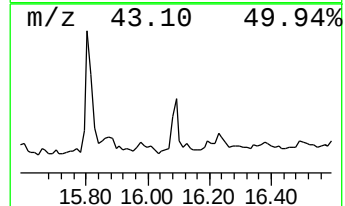
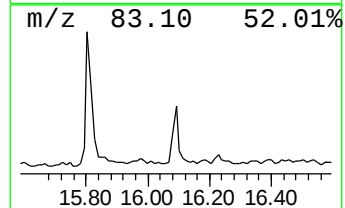
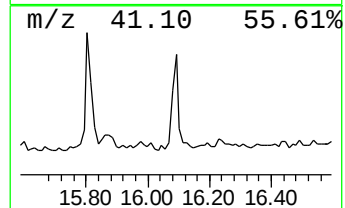
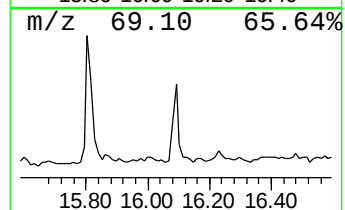
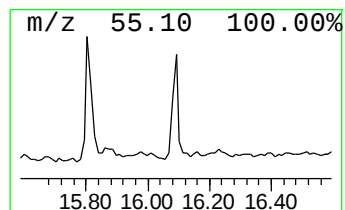
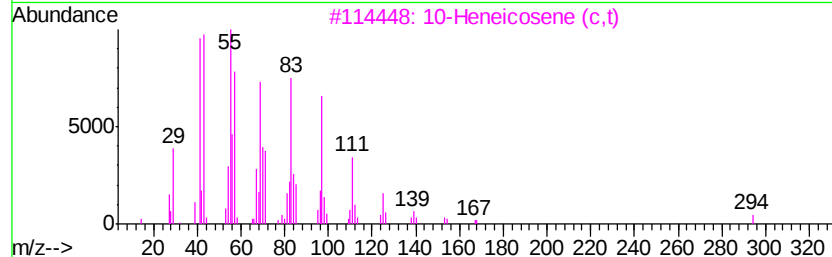
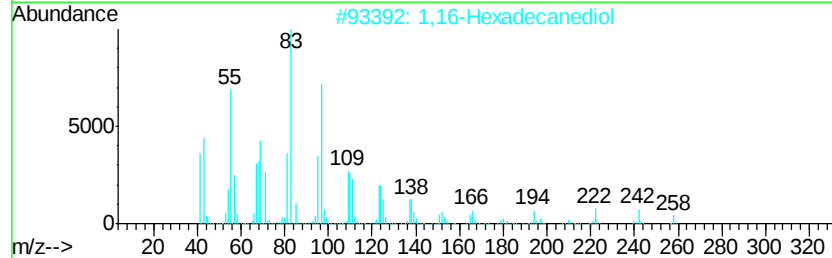
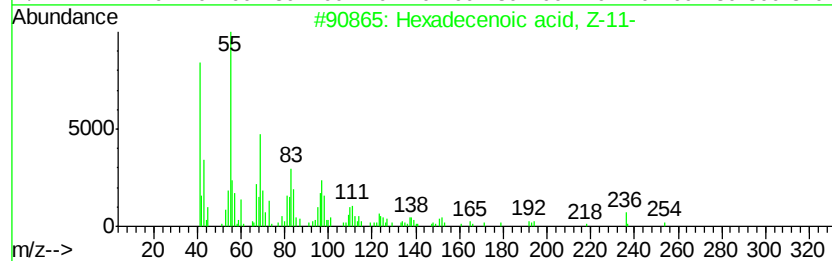
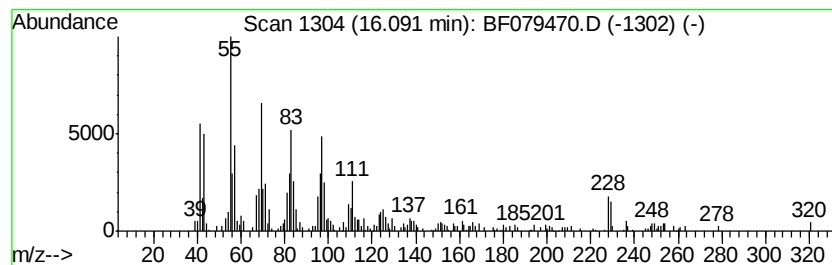
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecenoic acid, Z-11- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.77 ng	236776	Chrysene-d12	15.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	89
2		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	70
3		10-Heneicosene (c,t)	294	C21H42	095008-11-0	70
4		1-Nonadecene	266	C19H38	018435-45-5	64
5		Cyclooctane, methyl-	126	C9H18	001502-38-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

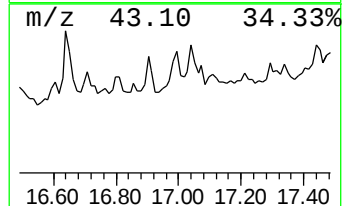
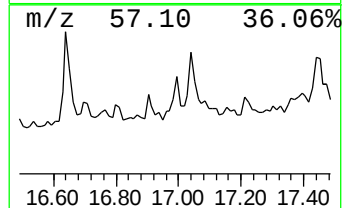
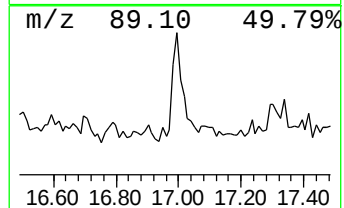
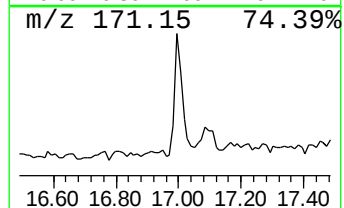
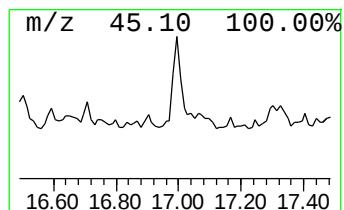
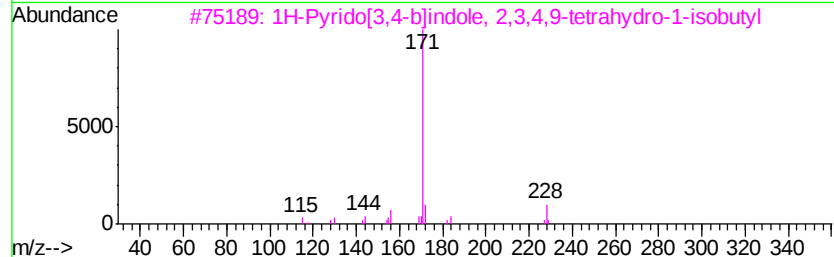
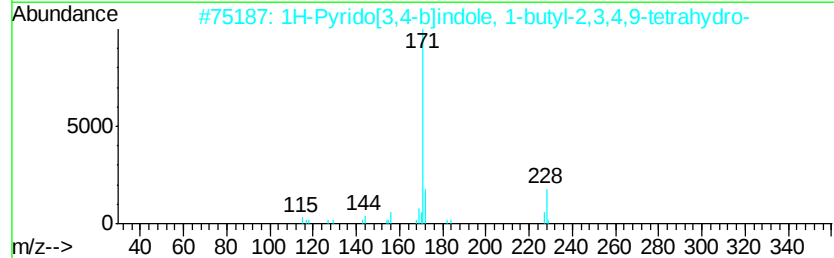
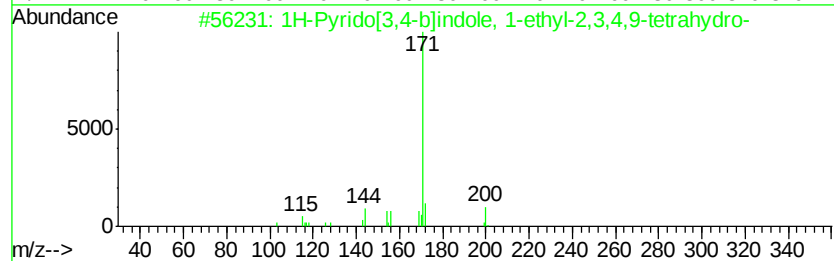
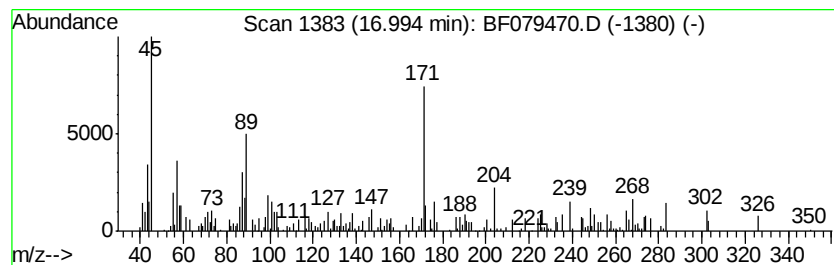
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Pyrido[3,4-b]indole, 1-e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.40 ng	94709	Perylene-d12	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrido[3,4-b]indole, 1-ethyl-...	200	C13H16N2	006678-86-0	53
2			1H-Pyrido[3,4-b]indole, 1-butyl-...	228	C15H20N2	006649-86-1	49
3			1H-Pyrido[3,4-b]indole, 2,3,4,9-...	228	C15H20N2	006649-77-0	46
4			3H-Naphtho[1,8-bc]thiophene-5-ol...	268	C11H9BrOS	010245-75-7	38
5			1-Ethyl-1-isobutoxy-1-silacycloh...	200	C11H24OSi	1000279-31-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

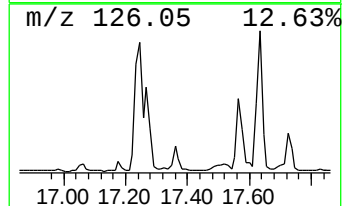
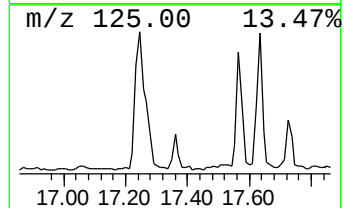
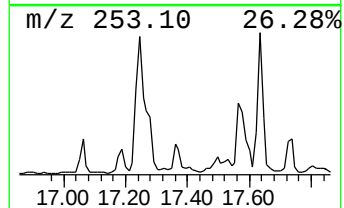
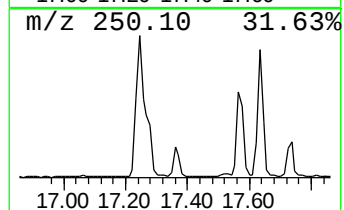
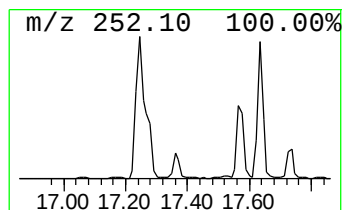
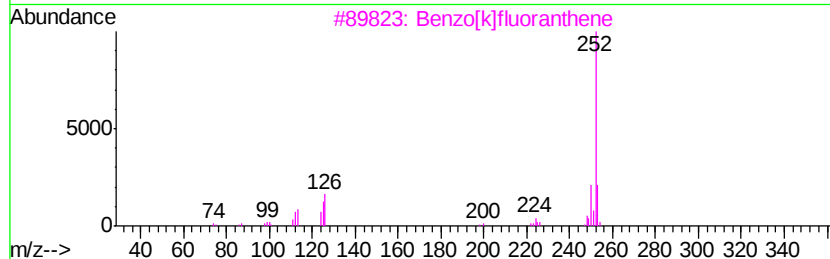
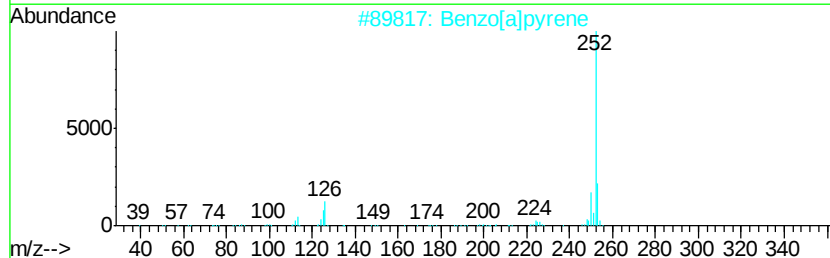
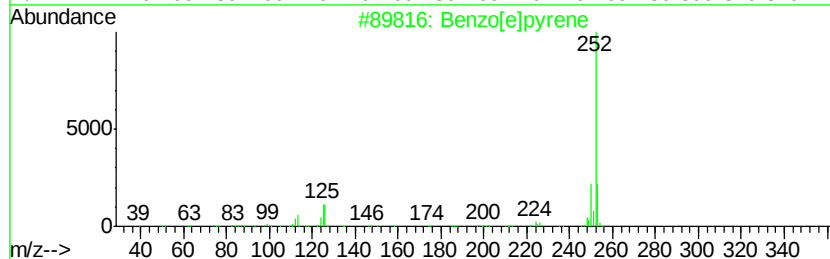
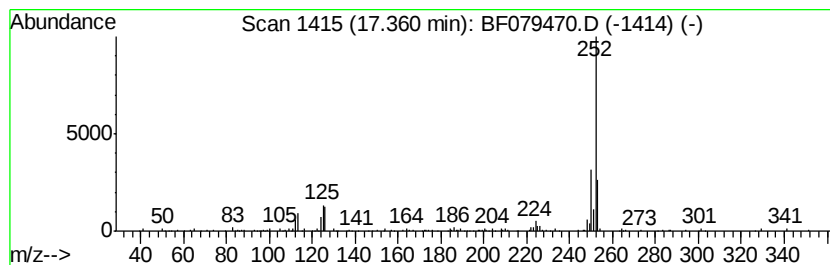
Instrument :
BNA_F
ClientSampleId :
SW-023

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.93 ng	115753	Perylene-d12	17.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 96
2		Benzo[a]pyrene	252 C20H12	000050-32-8 93
3		Benzo[k]fluoranthene	252 C20H12	000207-08-9 93
4		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 90
5		Perylene	252 C20H12	000198-55-0 81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

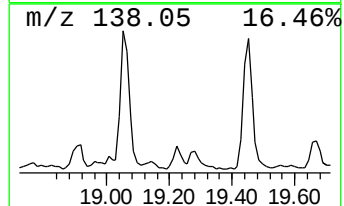
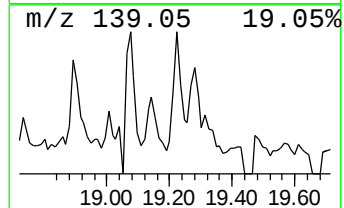
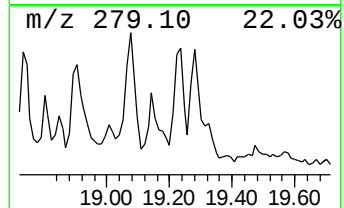
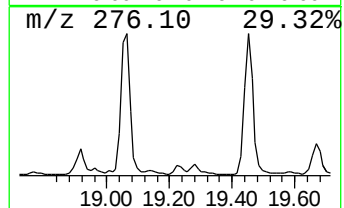
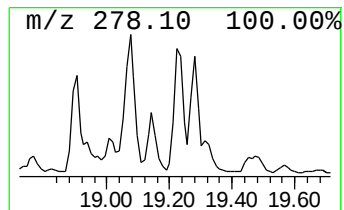
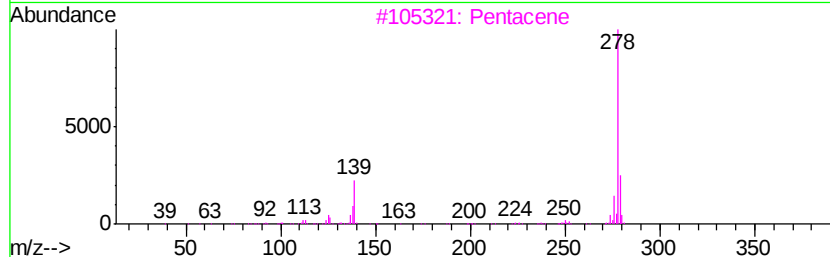
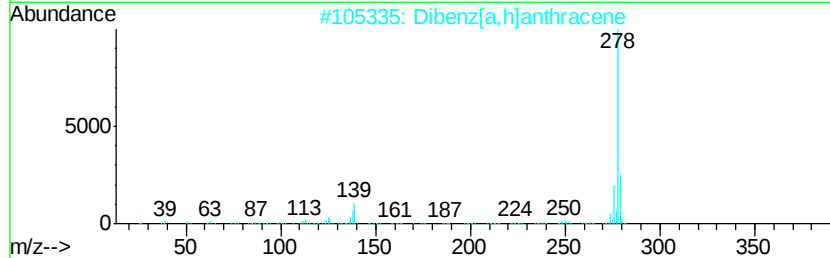
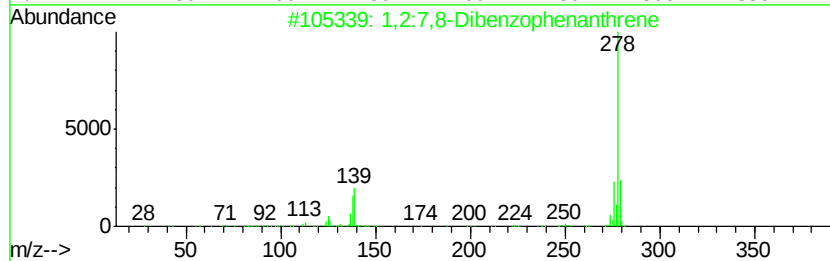
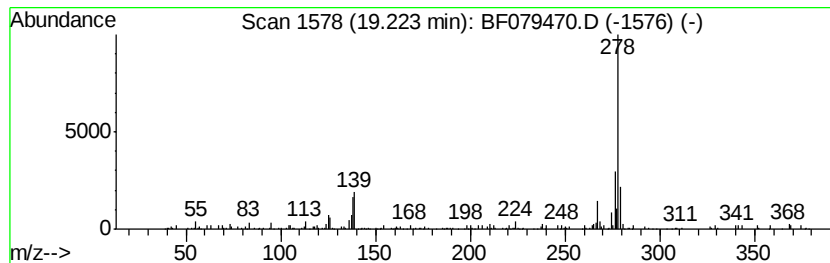
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:7,8-Dibenzophenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	4.04 ng	159618	Perylene-d12	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
3		Pentacene	278	C22H14	000135-48-8	92
4		Benzo[b]chrysene	278	C22H14	000214-17-5	86
5		Pentaphene	278	C22H14	000222-93-5	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
Data File : BF079470.D
Acq On : 23 May 2015 11:44
Operator : TP/IZ
Sample : G2371-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-023

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.48	10.2	ng	241634	1	7.05	473907	20.0
2-Pentanone, 4-hy...	4.79	5.8	ng	137026	1	7.05	473907	20.0
unknown6.78	6.78	74.1	ng	1754930	1	7.05	473907	20.0
Octanoic Acid	8.38	4.8	ng	155561	2	8.63	643219	20.0
Phenanthrene, 2-m...	13.26	2.5	ng	106958	4	12.63	861033	20.0
Phenanthrene, 1-m...	13.29	3.3	ng	140478	4	12.63	861033	20.0
4H-Cyclopenta[def...	13.39	11.1	ng	479708	4	12.63	861033	20.0
unknown13.42	13.42	3.2	ng	135955	4	12.63	861033	20.0
Pyrene, 1-methyl-	14.71	2.6	ng	225448	5	15.92	1706540	20.0
Trichloroacetic a...	15.81	4.2	ng	356493	5	15.92	1706540	20.0
Hexadecenoic acid...	16.09	2.8	ng	236776	5	15.92	1706540	20.0
1H-Pyrido[3,4-b]i...	16.99	2.4	ng	94709	6	17.70	790248	20.0
Benzo[e]pyrene	17.36	2.9	ng	115753	6	17.70	790248	20.0
1,2:7,8-Dibenzoph...	19.22	4.0	ng	159618	6	17.70	790248	20.0