

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079149.D
 Acq On : 12 May 2015 9:01
 Operator : TP/IZ
 Sample : G2176-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(0-3)

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	1.438	19	22	24	rVB	1778219	2565021	29.96%	1.745%
2	1.575	31	34	37	rVB	379008	529876	6.19%	0.361%
3	1.861	57	59	82	rVB	1661309	2865947	33.47%	1.950%
4	5.599	384	386	389	rBV	743440	788253	9.21%	0.536%
5	6.867	494	497	499	rBV	749521	861662	10.06%	0.586%
6	7.016	508	510	512	rVB	700122	866527	10.12%	0.590%
7	7.485	546	551	553	rBV2	937936	1133434	13.24%	0.771%
8	7.656	562	566	568	rVV	516957	737923	8.62%	0.502%
9	7.690	568	569	571	rVV	528824	412986	4.82%	0.281%
10	7.736	571	573	575	rVV	788054	1014103	11.84%	0.690%
11	7.793	575	578	580	rVV2	724741	1385891	16.19%	0.943%
12	7.987	589	595	596	rVV2	776294	1674839	19.56%	1.140%
13	8.022	596	598	599	rVV	407076	644636	7.53%	0.439%
14	8.056	599	601	602	rVV	1226656	1334763	15.59%	0.908%
15	8.102	602	605	608	rVV2	525137	1349732	15.76%	0.918%
16	8.159	608	610	611	rVV	407682	668974	7.81%	0.455%
17	8.193	611	613	615	rVV	880002	1482234	17.31%	1.009%
18	8.250	615	618	619	rVV	649338	1099643	12.84%	0.748%
19	8.285	619	621	624	rVV	2163158	2995873	34.99%	2.038%
20	8.365	625	628	630	rVV2	459452	1255356	14.66%	0.854%
21	8.422	630	633	635	rVV3	1449664	3122427	36.47%	2.125%
22	8.513	635	641	643	rVV2	1569056	3877209	45.28%	2.638%
23	8.548	643	644	646	rVV	1063464	1576415	18.41%	1.073%
24	8.593	646	648	651	rVV	2342612	3439009	40.16%	2.340%
25	8.650	651	653	654	rVV	1893564	1963800	22.94%	1.336%
26	8.719	657	659	660	rVV	501778	887092	10.36%	0.604%
27	8.753	660	662	665	rVV2	811441	1896972	22.15%	1.291%
28	8.833	665	669	670	rVV3	812099	1930801	22.55%	1.314%
29	8.879	670	673	675	rVV3	1735061	3354410	39.18%	2.282%
30	8.948	675	679	680	rVV2	638109	1825255	21.32%	1.242%
31	8.982	680	682	684	rVV	2543753	2871676	33.54%	1.954%
32	9.016	684	685	686	rVV	629857	698923	8.16%	0.476%
33	9.096	690	692	694	rVV	379484	687775	8.03%	0.468%
34	9.153	696	697	699	rVV2	278564	454981	5.31%	0.310%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079149.D
 Acq On : 12 May 2015 9:01
 Operator : TP/IZ
 Sample : G2176-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(0-3)

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	9.256	702	706	707	rVV2	493870	948461	11.08%	0.645%
36	9.290	707	709	711	rVV	352562	673138	7.86%	0.458%
37	9.336	711	713	715	rVV2	235359	432785	5.05%	0.294%
38	9.370	715	716	718	rVV	382880	419268	4.90%	0.285%
39	9.428	718	721	730	rVB	688969	907487	10.60%	0.617%
40	10.216	788	790	793	rVB	1019179	1071384	12.51%	0.729%
41	11.051	861	863	865	rBV	529693	501621	5.86%	0.341%
42	12.034	946	949	952	rVB	798482	834399	9.74%	0.568%
43	12.902	1022	1025	1026	rBV	416536	623397	7.28%	0.424%
44	12.925	1026	1027	1029	rVB	924341	794792	9.28%	0.541%
45	12.994	1029	1033	1035	rVB	792623	827582	9.67%	0.563%
46	13.531	1077	1080	1081	rVV	467656	506898	5.92%	0.345%
47	13.565	1081	1083	1085	rVB	753505	772100	9.02%	0.525%
48	13.622	1085	1088	1090	rBV	452696	486587	5.68%	0.331%
49	13.657	1090	1091	1093	rVV	560464	848981	9.92%	0.578%
50	13.908	1111	1113	1119	rVB2	445329	780898	9.12%	0.531%
51	14.217	1137	1140	1142	rBV	490076	651141	7.60%	0.443%
52	14.262	1142	1144	1147	rVV2	224058	486090	5.68%	0.331%
53	14.320	1147	1149	1153	rVB	656143	833648	9.74%	0.567%
54	14.422	1154	1158	1160	rBV	5354647	6990753	81.64%	4.757%
55	14.594	1170	1173	1174	rBV2	346725	438106	5.12%	0.298%
56	14.697	1179	1182	1184	rBV	3946377	6385932	74.58%	4.345%
57	14.754	1184	1187	1192	rVB2	273607	623998	7.29%	0.425%
58	14.845	1193	1195	1197	rBV	506078	626574	7.32%	0.426%
59	14.891	1197	1199	1202	rVB	1256229	1677327	19.59%	1.141%
60	14.982	1203	1207	1208	rBV2	545220	1106601	12.92%	0.753%
61	15.074	1212	1215	1217	rBV2	445935	843629	9.85%	0.574%
62	15.108	1217	1218	1220	rVB	680370	570052	6.66%	0.388%
63	15.234	1227	1229	1231	rBV	970850	1134433	13.25%	0.772%
64	15.748	1271	1274	1276	rVV	1242204	1493629	17.44%	1.016%
65	15.885	1283	1286	1288	rBV	1195968	1576825	18.42%	1.073%
66	15.920	1288	1289	1292	rVV2	597779	1196826	13.98%	0.814%
67	15.965	1292	1293	1295	rVV	327645	531921	6.21%	0.362%
68	16.011	1295	1297	1300	rVB	1217607	1390141	16.24%	0.946%
69	16.103	1300	1305	1307	rBV	276886	592609	6.92%	0.403%
70	16.205	1309	1314	1316	rBV	3743330	7727264	90.25%	5.258%
71	16.251	1316	1318	1319	rVV	3398351	4007655	46.80%	2.727%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079149.D
 Acq On : 12 May 2015 9:01
 Operator : TP/IZ
 Sample : G2176-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(0-3)

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

72	16.343	1322	1326	1327	rBV2	331010	457583	5.34%	0.311%
73	16.423	1327	1333	1334	rVV5	199500	541260	6.32%	0.368%
74	16.468	1334	1337	1339	rVV3	353290	776709	9.07%	0.528%
75	16.514	1339	1341	1342	rVV	409311	537440	6.28%	0.366%
76	16.640	1348	1352	1353	rBV3	270996	506037	5.91%	0.344%
77	16.720	1356	1359	1361	rVV	861442	1263331	14.75%	0.860%
78	16.754	1361	1362	1365	rVB	370382	499356	5.83%	0.340%
79	16.868	1371	1372	1376	rVV3	226980	425307	4.97%	0.289%
80	17.120	1391	1394	1395	rBV	296696	460107	5.37%	0.313%
81	17.326	1409	1412	1416	rBV2	351318	759587	8.87%	0.517%
82	17.543	1427	1431	1436	rBV	3188731	8562453	100.00%	5.826%
83	17.657	1437	1441	1443	rVB2	963315	1270228	14.83%	0.864%
84	17.783	1447	1452	1454	rBV3	298476	731057	8.54%	0.497%
85	17.874	1457	1460	1463	rVV	2026429	3230637	37.73%	2.198%
86	17.943	1463	1466	1468	rVV	2781879	3931173	45.91%	2.675%
87	18.000	1468	1471	1472	rVV	553119	855180	9.99%	0.582%
88	18.034	1472	1474	1480	rVV2	904280	1706807	19.93%	1.161%
89	18.183	1483	1487	1490	rBV2	228812	626400	7.32%	0.426%
90	18.320	1495	1499	1501	rBV2	221106	539847	6.30%	0.367%
91	18.937	1550	1553	1557	rVB2	237801	503036	5.87%	0.342%
92	19.051	1560	1563	1565	rBV2	202378	390230	4.56%	0.266%
93	19.154	1570	1572	1580	rVB4	338052	924460	10.80%	0.629%
94	19.314	1581	1586	1589	rBV3	427640	1332629	15.56%	0.907%
95	19.497	1595	1602	1606	rVB2	1576988	3749341	43.79%	2.551%
96	19.577	1606	1609	1613	rVB	191729	406688	4.75%	0.277%
97	19.669	1613	1617	1620	rBV2	476932	1165833	13.62%	0.793%
98	19.726	1620	1622	1625	rVB2	267926	448233	5.23%	0.305%
99	19.932	1635	1640	1649	rVB	1093264	2873083	33.55%	1.955%
100	20.160	1657	1660	1669	rVB2	349940	926954	10.83%	0.631%

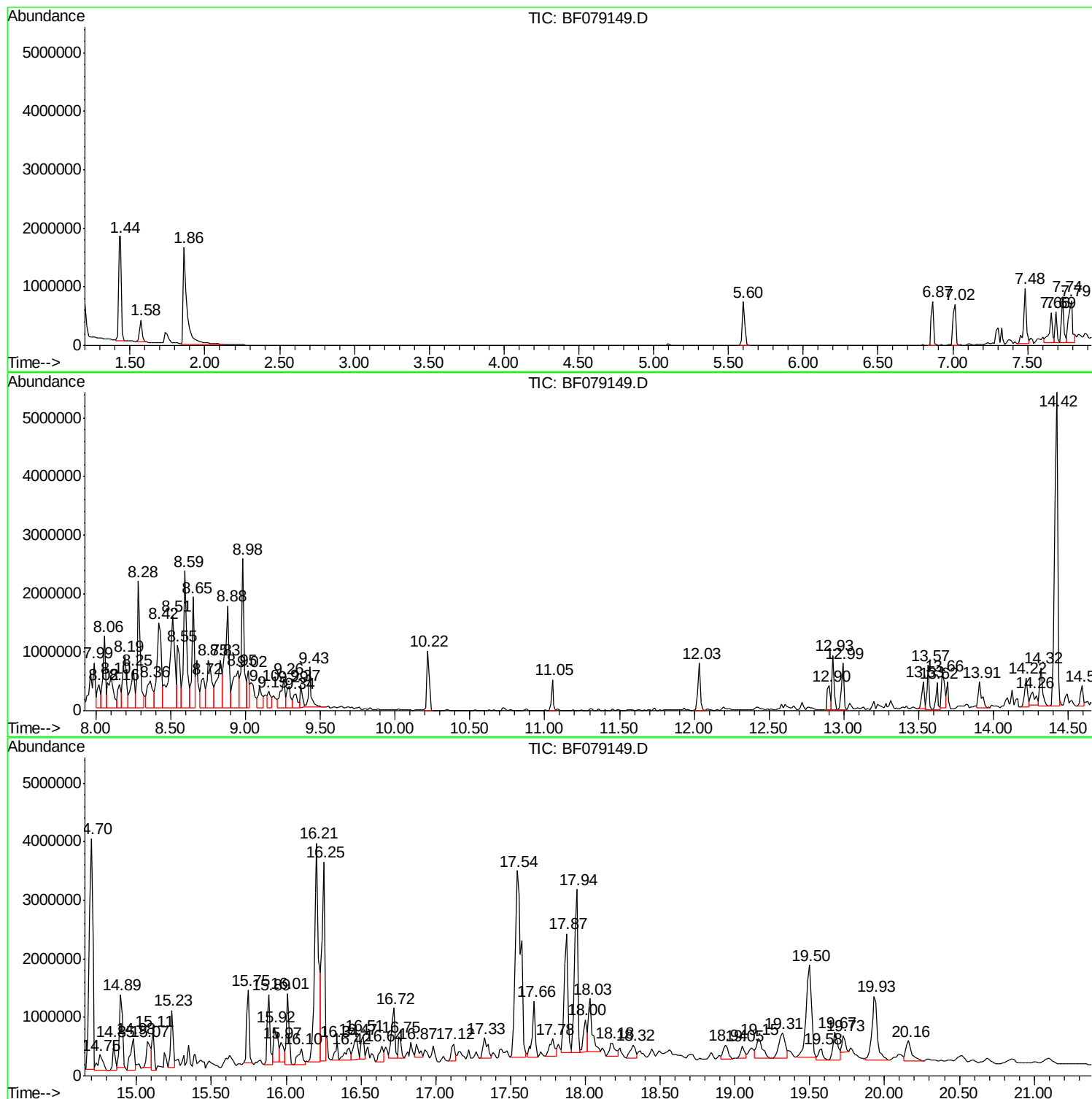
Sum of corrected areas: 146970336

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

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\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

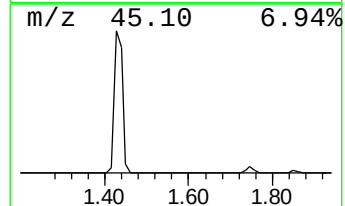
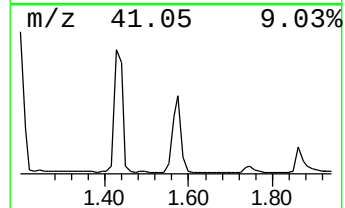
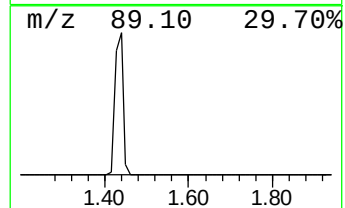
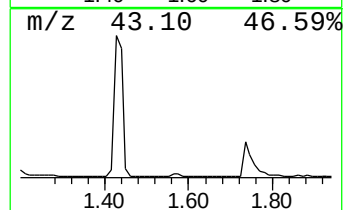
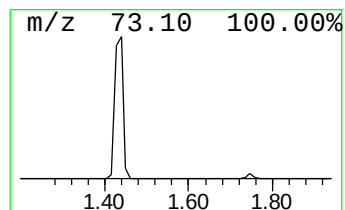
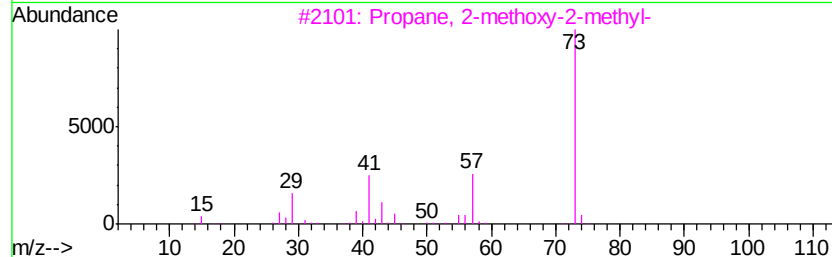
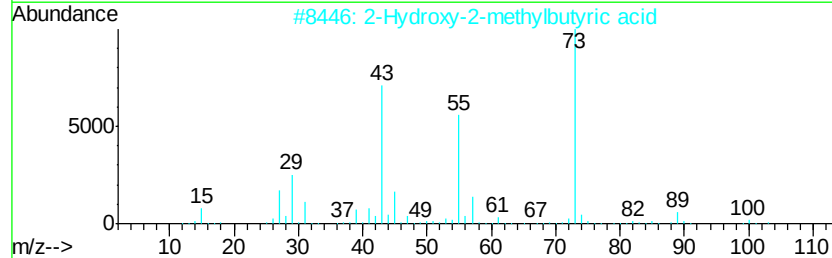
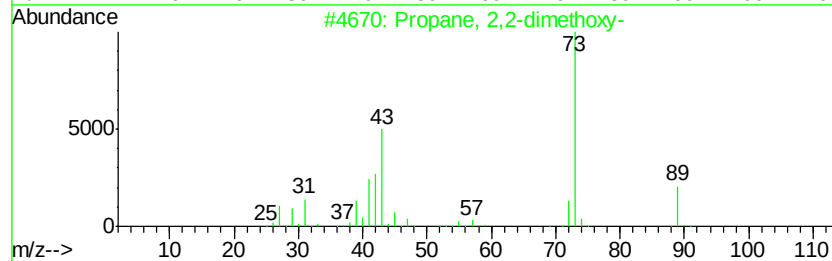
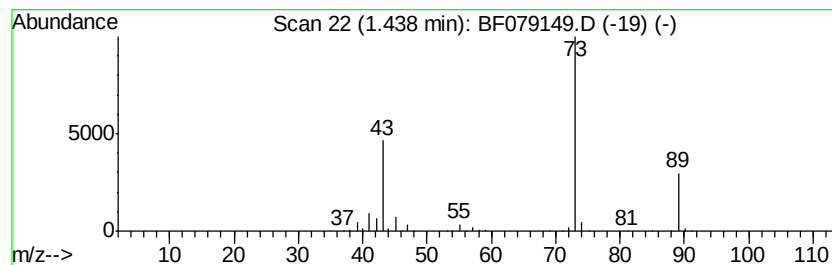
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.44	45.26 ng	2565020	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	5
5		1,3,5-Trioxane	90	C3H6O3	000110-88-3	4



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
PS-12A(0-3)

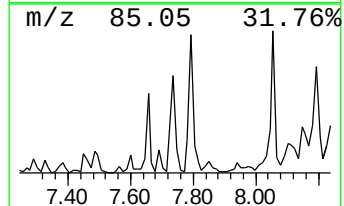
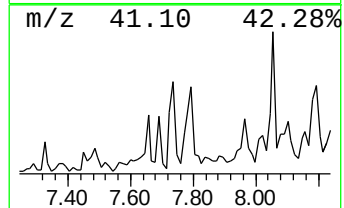
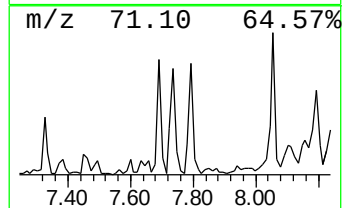
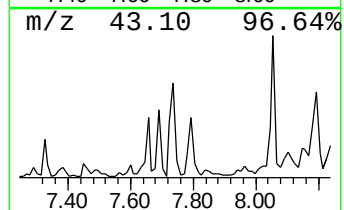
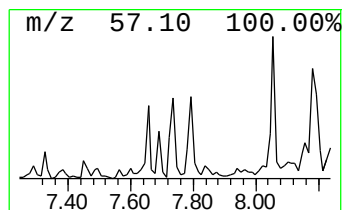
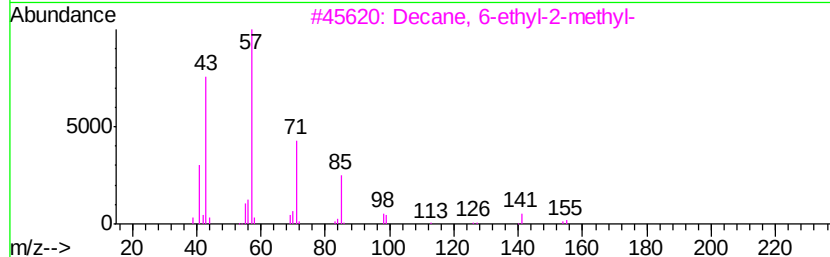
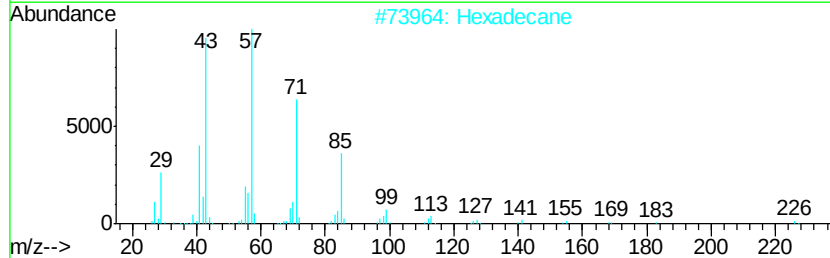
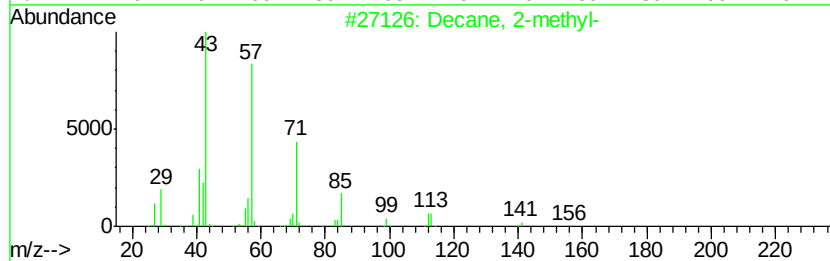
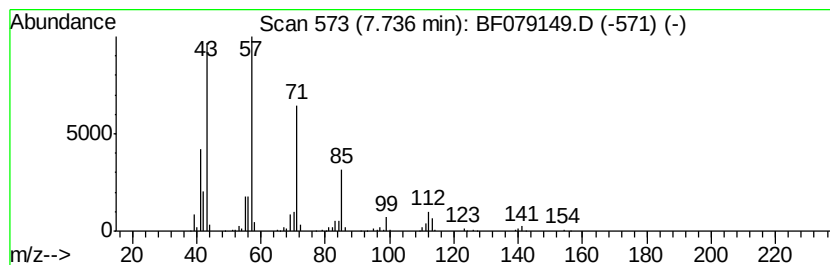
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	17.89 ng	1014100	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Hexadecane	226	C16H34	000544-76-3	64
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
4		Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

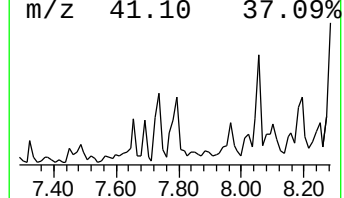
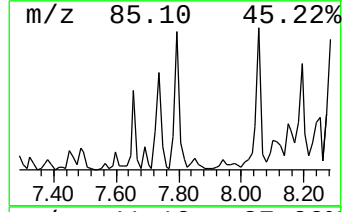
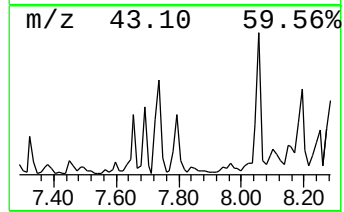
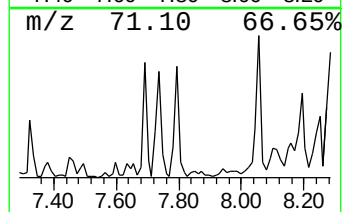
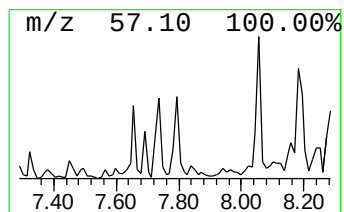
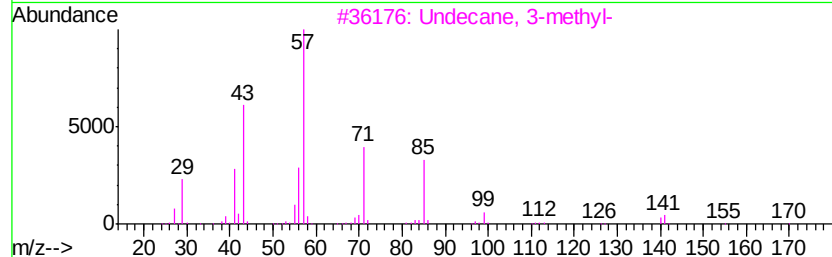
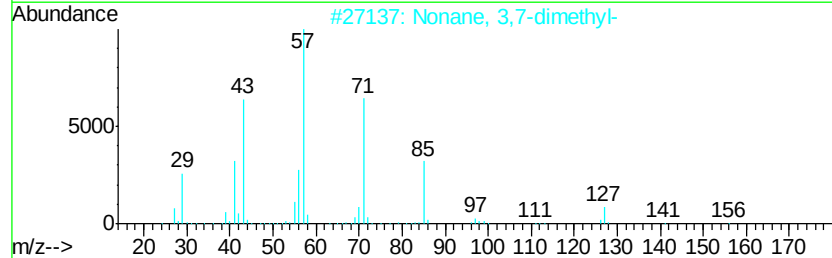
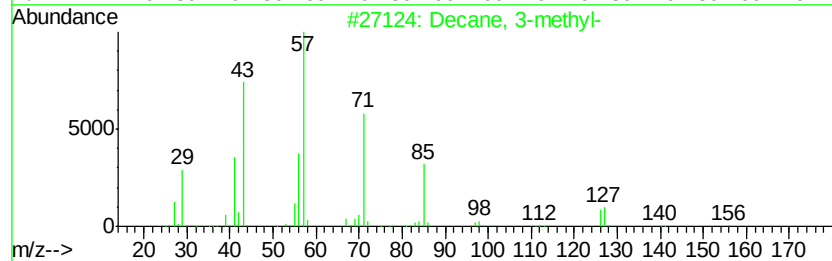
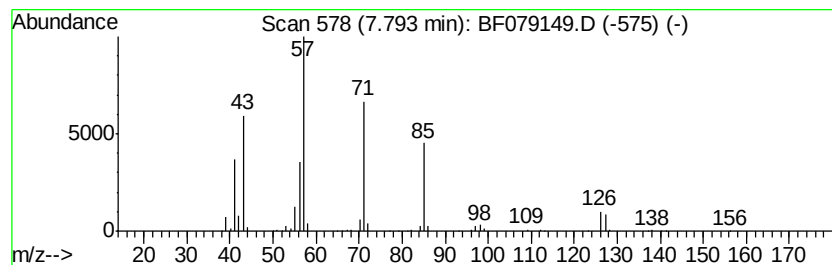
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	24.45 ng	1385890	1,4-Dichlorobenzene-d4	7.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

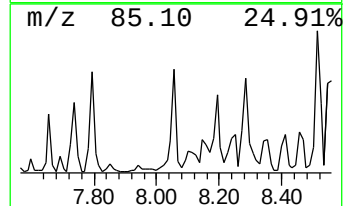
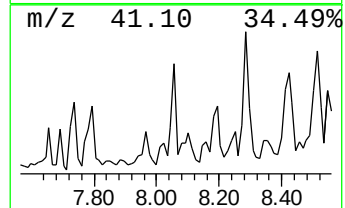
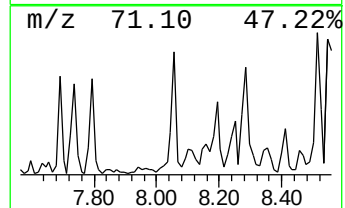
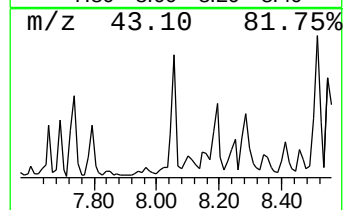
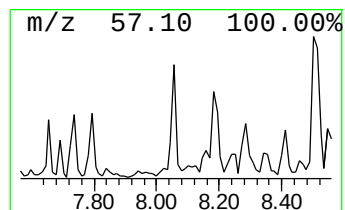
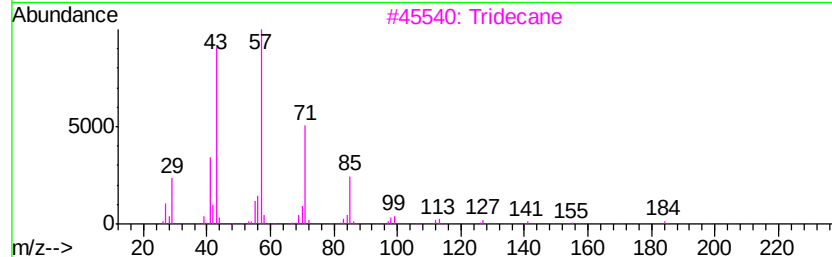
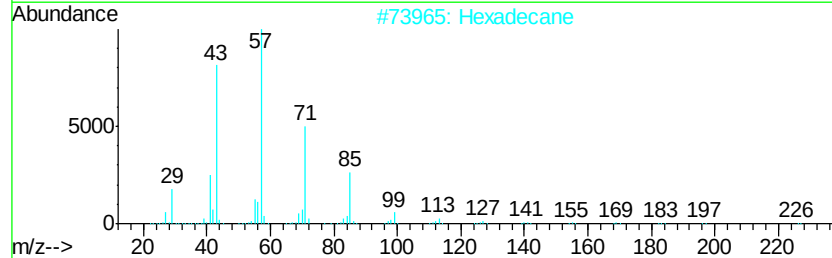
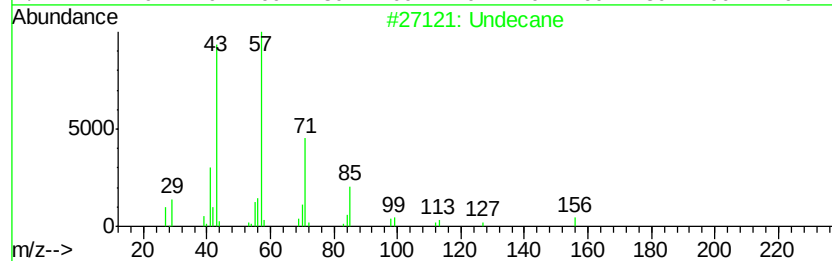
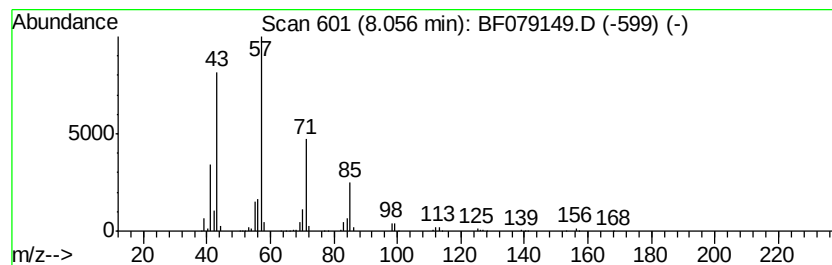
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	23.55 ng	1334760	1,4-Dichlorobenzene-d4	7.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Decane, 2-methyl-		156	C11H24	006975-98-0	80
5	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

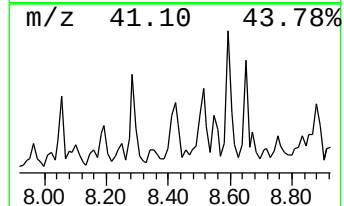
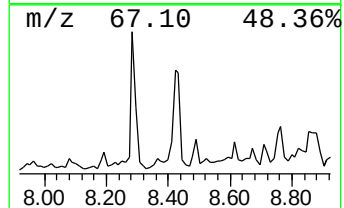
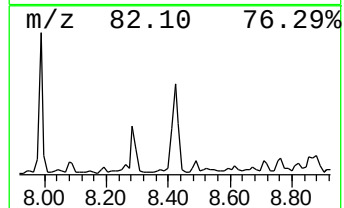
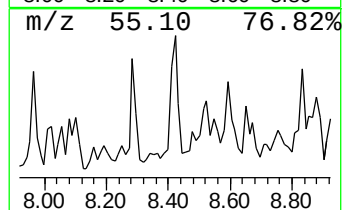
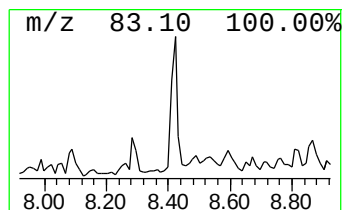
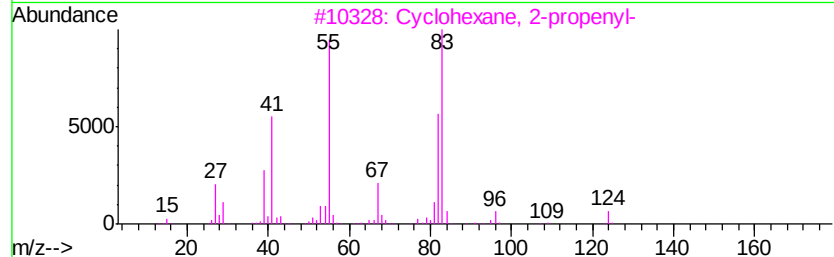
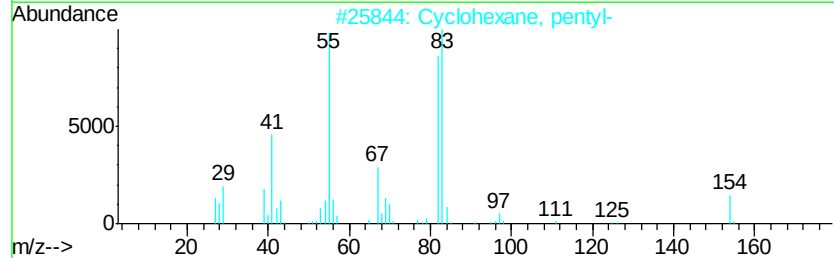
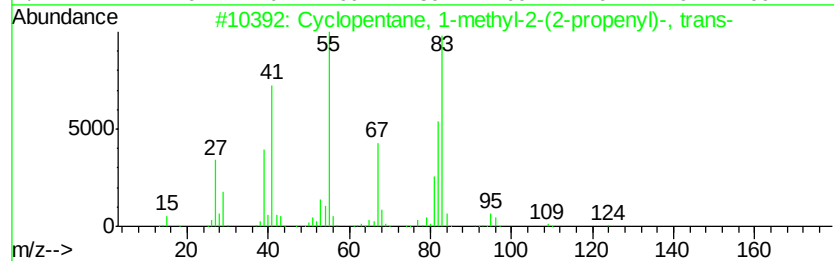
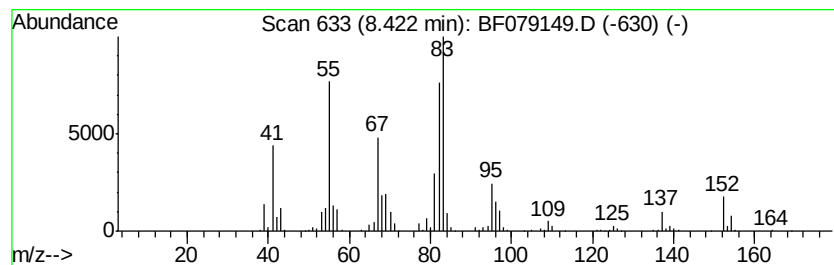
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopentane, 1-methyl-2-(2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	18.62 ng	3122430	Napthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	74
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5		n-Amylcyclohexane	154	C11H22	029949-27-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

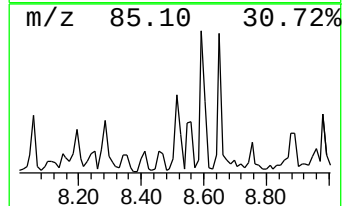
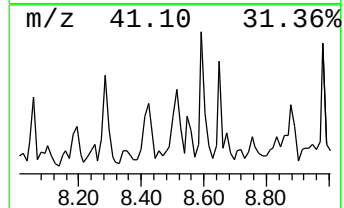
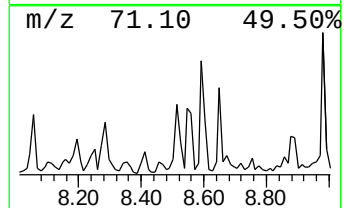
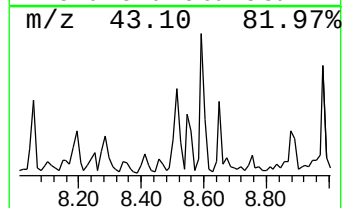
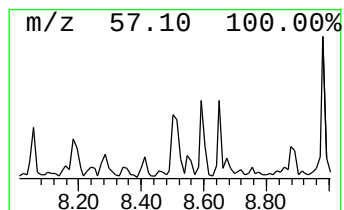
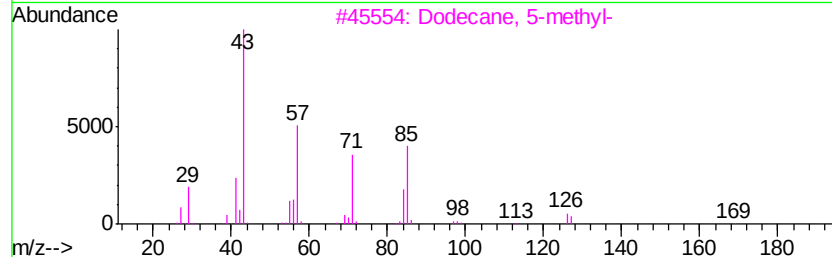
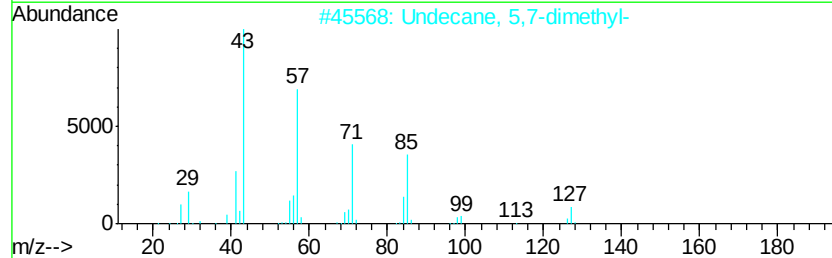
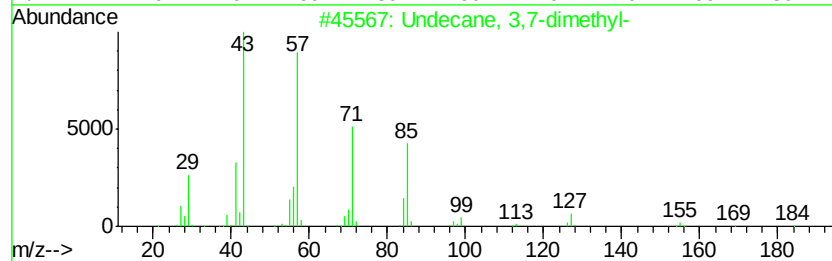
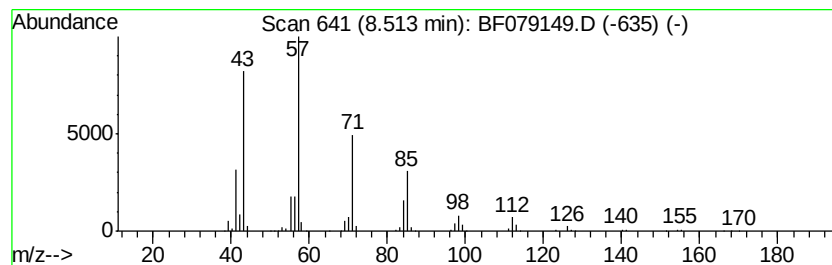
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 3,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	23.12 ng	3877210	Napthalene-d8	8.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	72
2		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
3		Dodecane, 5-methyl-	184	C13H28	017453-93-9	72
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

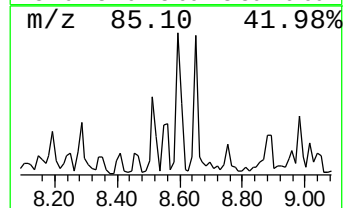
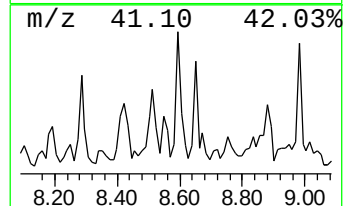
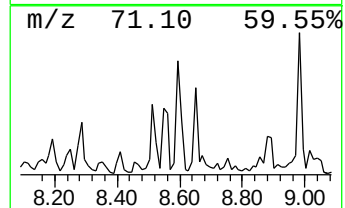
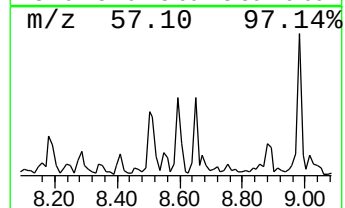
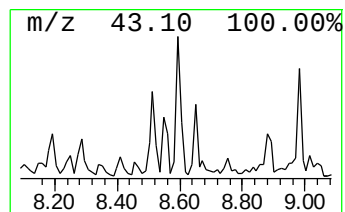
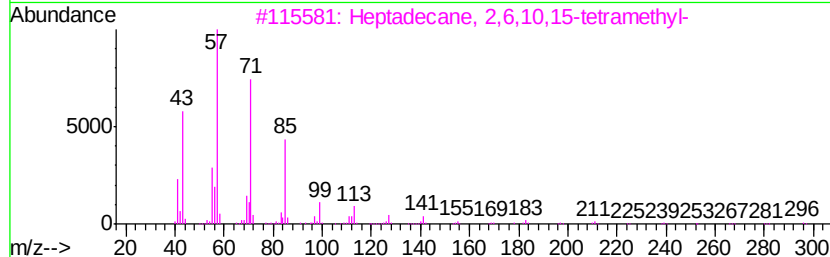
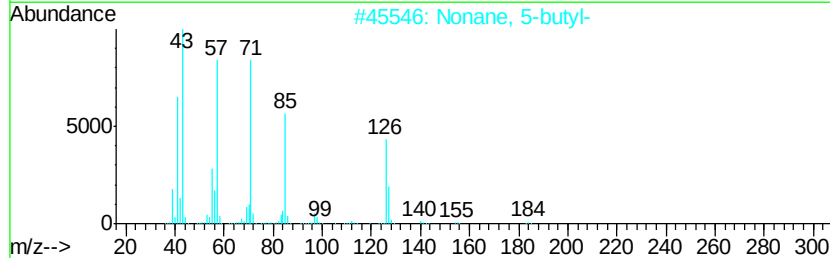
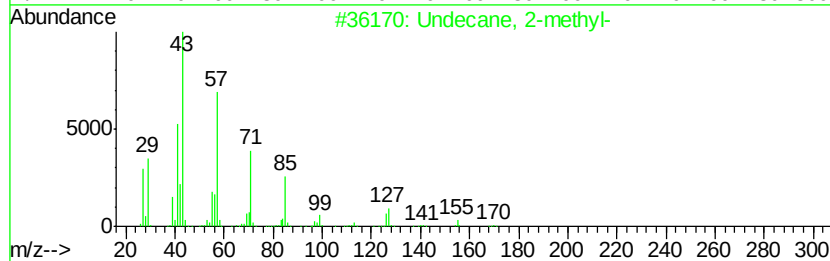
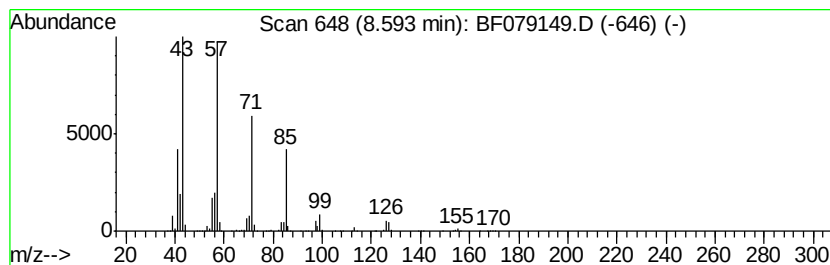
Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

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 9 Undecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.59	20.50 ng	3439010	Napthalene-d8	8.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

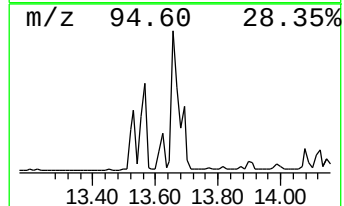
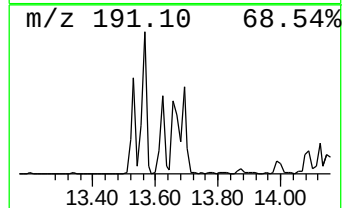
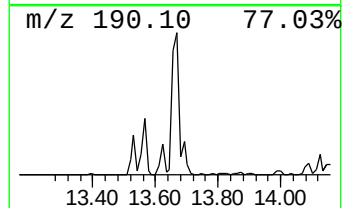
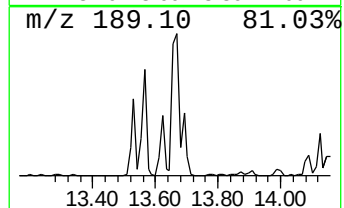
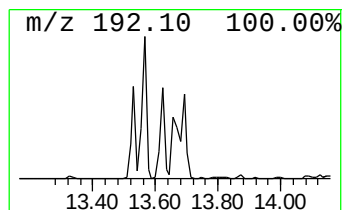
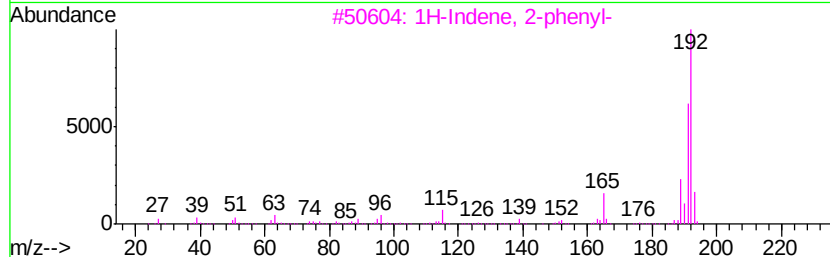
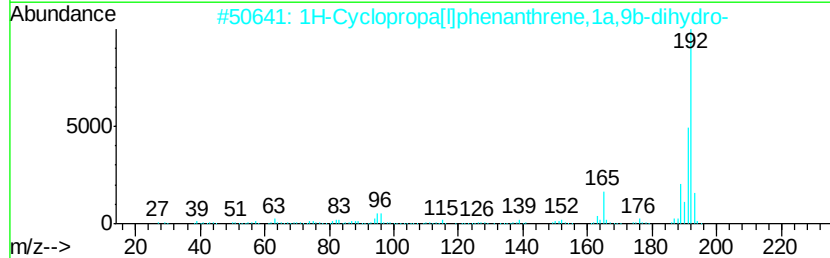
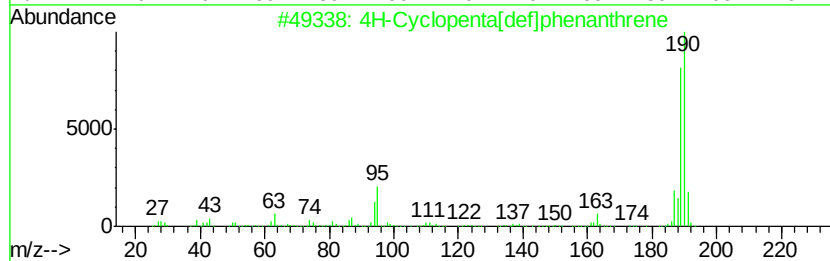
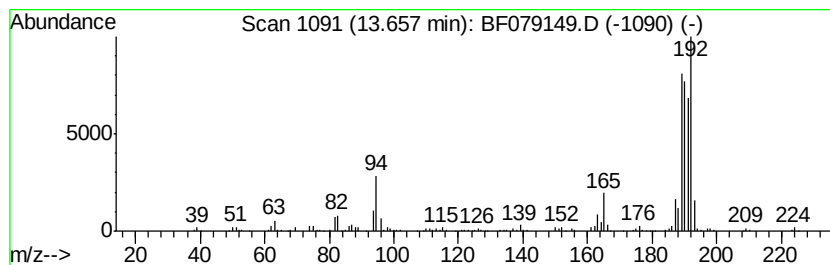
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	27.24 ng	848981	Phenanthrene-d10	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	46
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

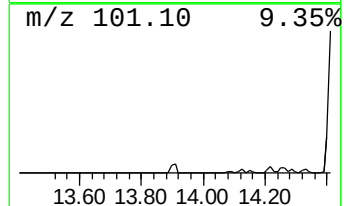
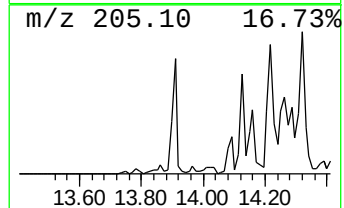
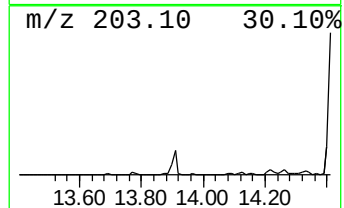
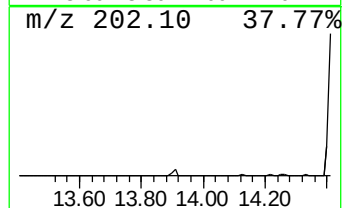
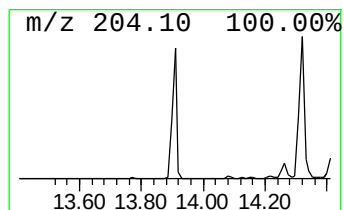
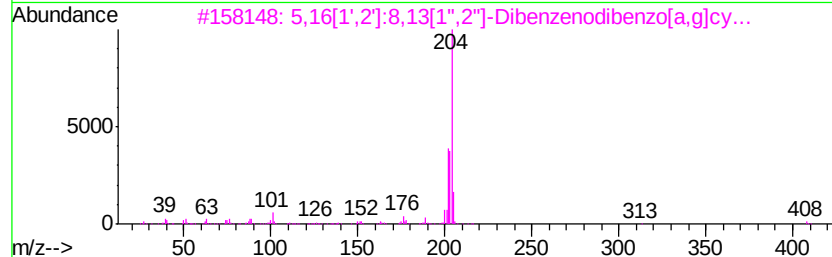
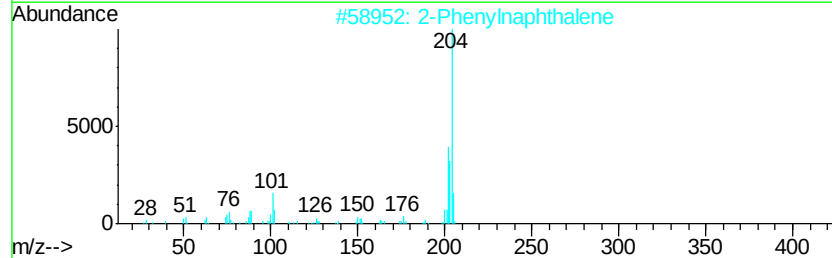
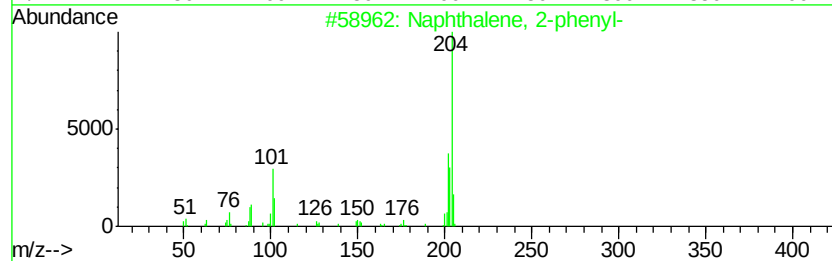
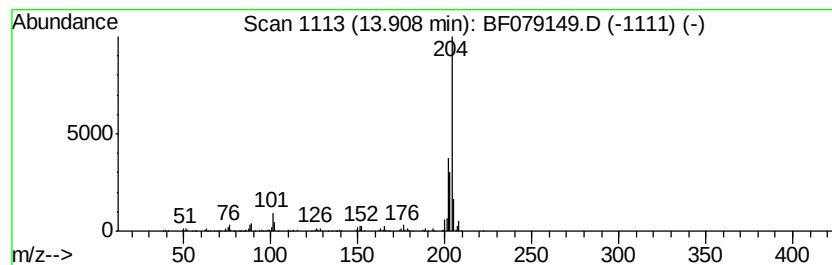
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	25.05 ng	780898	Phenanthrene-d10	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

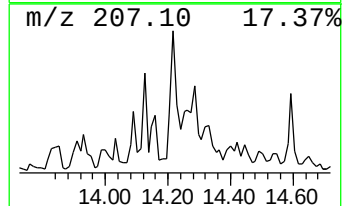
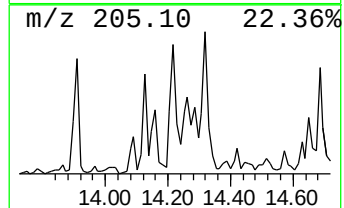
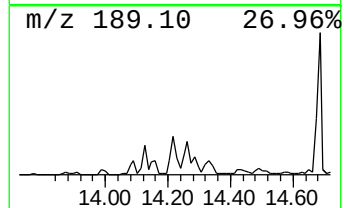
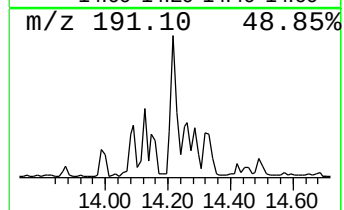
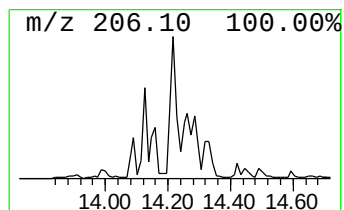
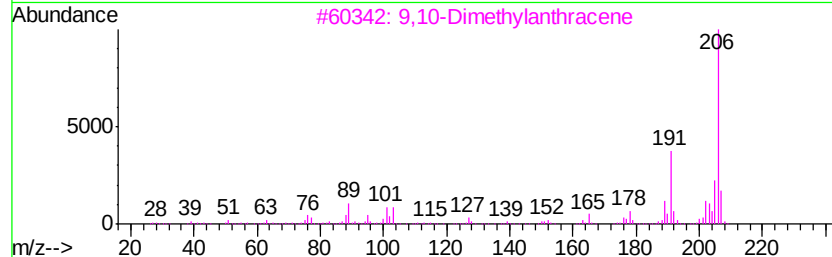
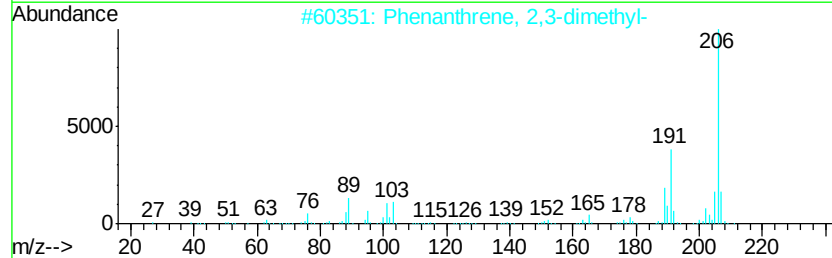
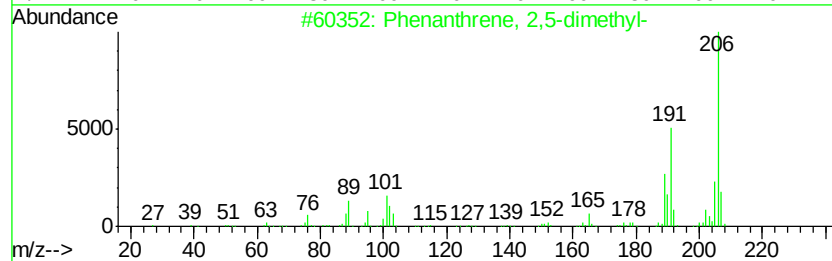
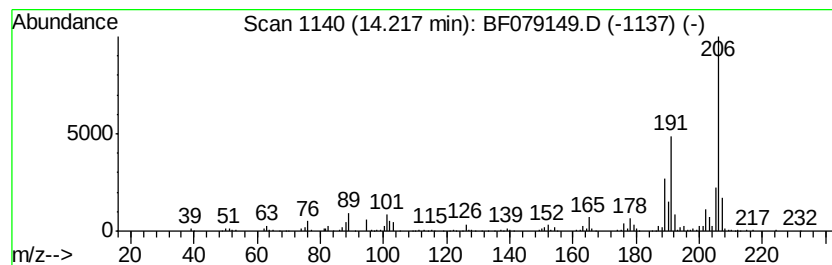
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	20.89 ng	651141	Phenanthrene-d10	12.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

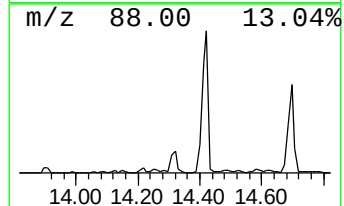
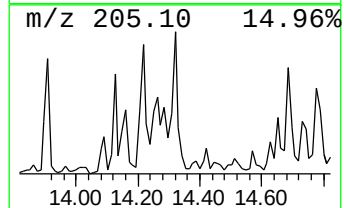
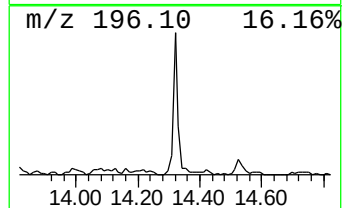
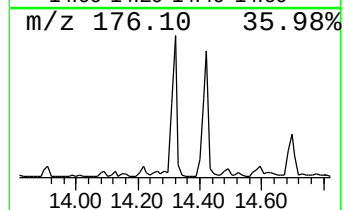
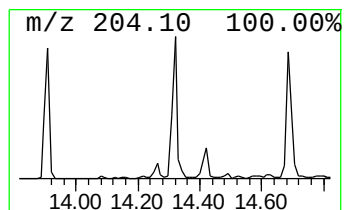
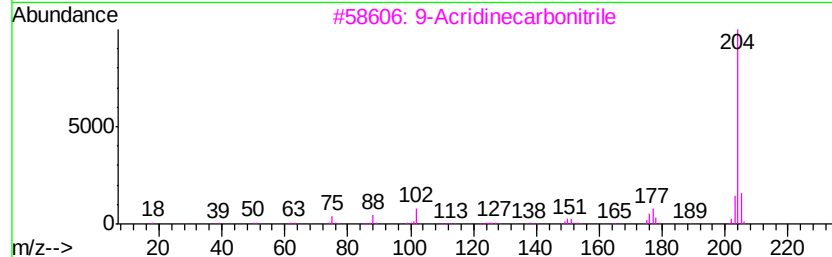
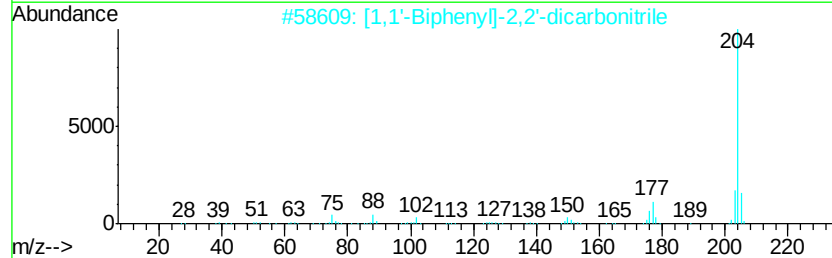
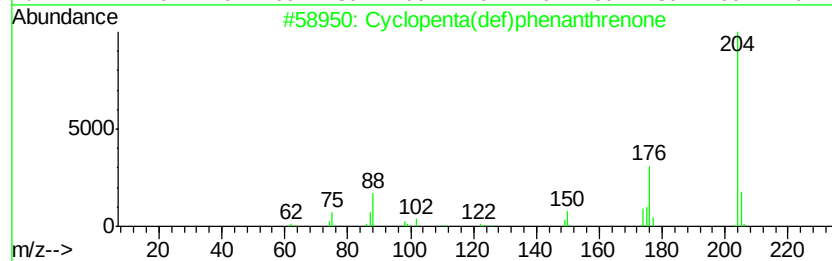
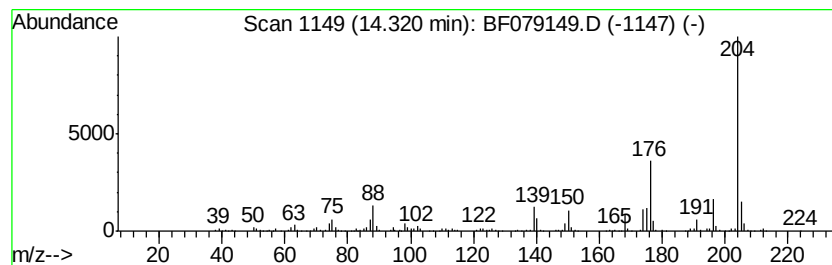
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	26.75 ng	833648	Phenanthrene-d10	12.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

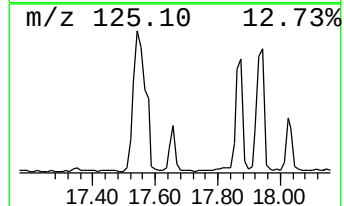
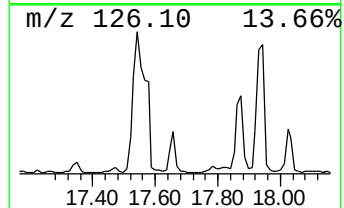
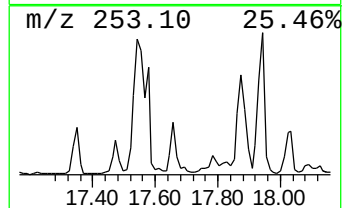
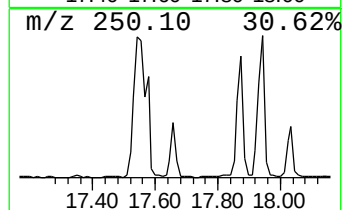
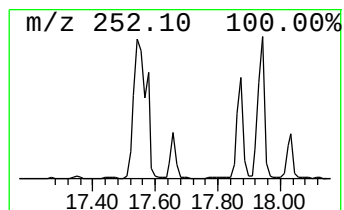
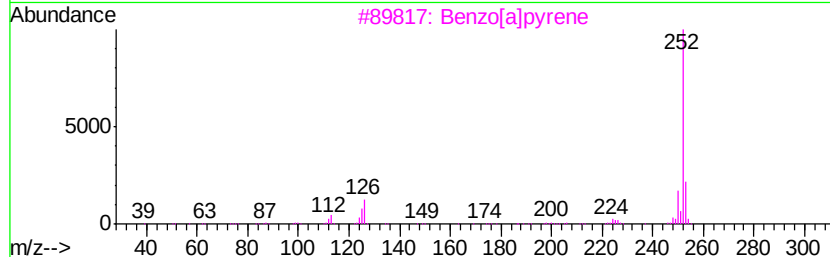
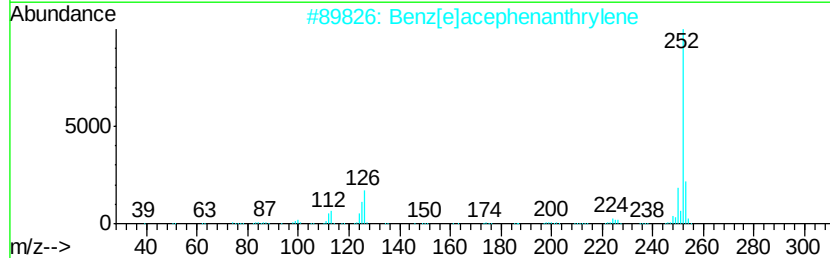
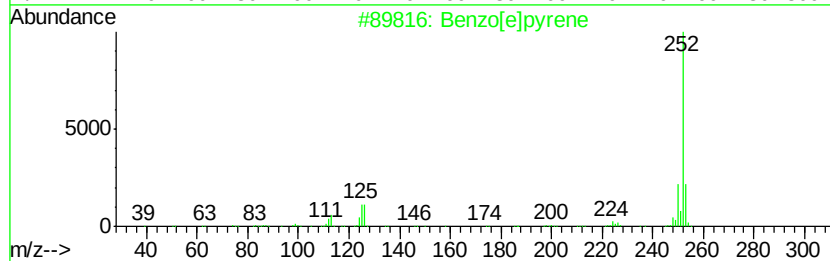
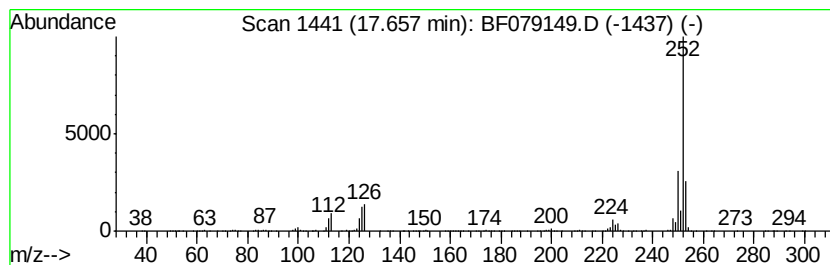
Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

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 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.66	29.71 ng	1270230	Perylene-d12	18.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079149.D
Acq On : 12 May 2015 9:01
Operator : TP/IZ
Sample : G2176-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-12A(0-3)

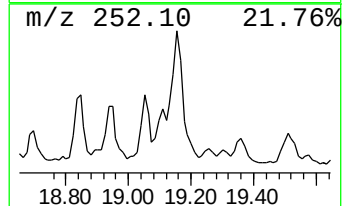
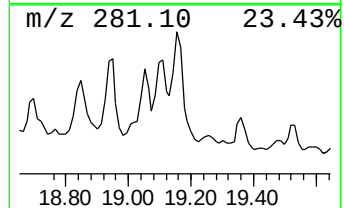
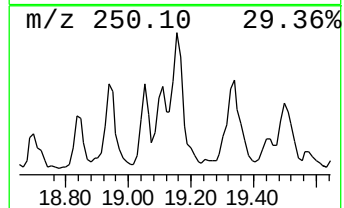
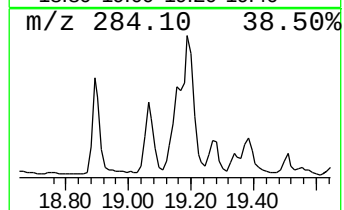
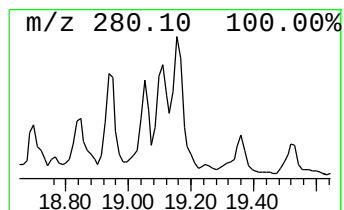
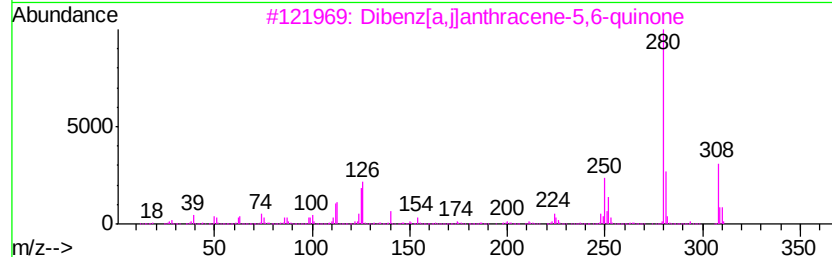
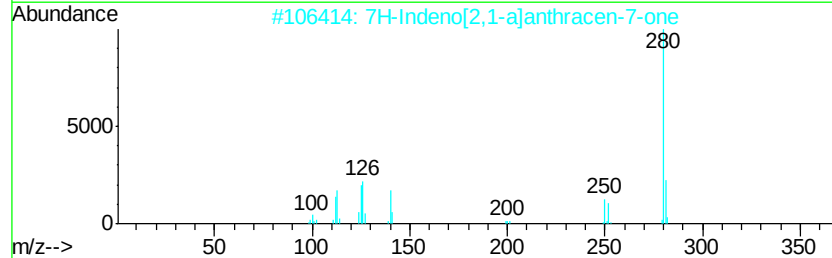
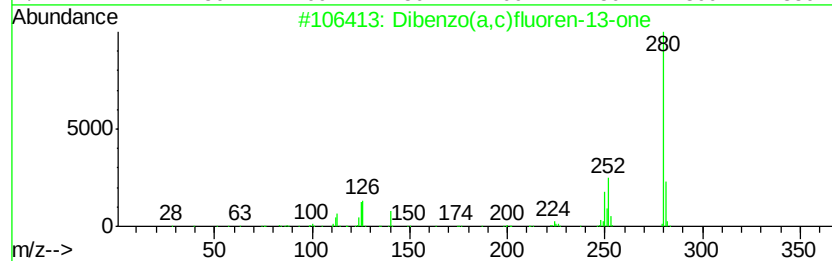
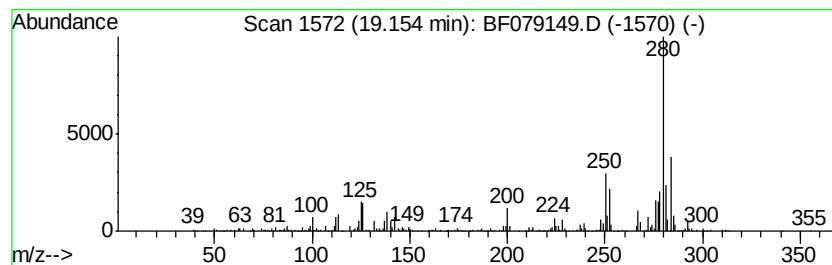
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown19.15 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	21.62 ng	924460	Perylene-d12	18.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	49
2		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	49
3		Dibenz[a,ilanthracene-5,6-quinone	308	C22H12O2	052755-66-5	45
4		Dibenz[a,h]anthracene, 5,6-dihydro-	280	C22H16	000153-34-4	43
5		Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079149.D
 Acq On : 12 May 2015 9:01
 Operator : TP/IZ
 Sample : G2176-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-12A(0-3)

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
unknown1.44	1.44	45.3	ng	2565020	1	7.30	1133430	20.0
Decane, 2-methyl-	7.74	17.9	ng	1014100	1	7.30	1133430	20.0
Decane, 3-methyl-	7.79	24.4	ng	1385890	1	7.30	1133430	20.0
Undecane	8.06	23.6	ng	1334760	1	7.30	1133430	20.0
Cyclopentane, 1-m...	8.42	18.6	ng	3122430	2	8.88	3354410	20.0
Undecane, 3,7-dim...	8.51	23.1	ng	3877210	2	8.88	3354410	20.0
Undecane, 2-methyl-	8.59	20.5	ng	3439010	2	8.88	3354410	20.0
4H-Cyclopenta[def...	13.66	27.2	ng	848981	4	12.90	623397	20.0
Naphthalene, 2-ph...	13.91	25.1	ng	780898	4	12.90	623397	20.0
Phenanthrene, 2,5...	14.22	20.9	ng	651141	4	12.90	623397	20.0
Cyclopenta(def)ph...	14.32	26.8	ng	833648	4	12.90	623397	20.0
Benzo[e]pyrene	17.66	29.7	ng	1270230	6	18.00	855180	20.0
unknown19.15	19.15	21.6	ng	924460	6	18.00	855180	20.0