

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079911.D
 Acq On : 12 Jun 2015 00:29
 Operator : TP/IZ
 Sample : G2449-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1A

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-BF061115.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	2.273	92	95	98	rVB	3642307	4652336	100.00%	14.998%
2	2.353	100	102	109	rBV	309890	514075	11.05%	1.657%
3	2.707	130	133	137	rVB	106996	155201	3.34%	0.500%
4	5.999	419	421	424	rBV	710691	935171	20.10%	3.015%
5	6.993	505	508	510	rBV	1058232	1039558	22.34%	3.351%
6	7.153	520	522	525	rBV	797723	1016900	21.86%	3.278%
7	7.393	541	543	545	rBV	409826	320740	6.89%	1.034%
8	7.553	555	557	559	rVB	1074524	853321	18.34%	2.751%
9	7.942	589	591	594	rBV	411767	554279	11.91%	1.787%
10	8.685	654	656	657	rBV	566100	450775	9.69%	1.453%
11	9.759	748	750	752	rVB	1494665	1190985	25.60%	3.839%
12	10.456	809	811	813	rBV	575473	529049	11.37%	1.705%
13	11.256	878	881	883	rBV2	543544	696775	14.98%	2.246%
14	11.965	941	943	944	rBV	737185	675515	14.52%	2.178%
15	11.988	944	945	947	rVV	1566025	1335638	28.71%	4.306%
16	12.045	947	950	951	rVV	251823	262170	5.64%	0.845%
17	12.194	961	963	964	rBV2	106342	134456	2.89%	0.433%
18	12.479	986	988	989	rBV	163371	141843	3.05%	0.457%
19	12.514	989	991	993	rVB	192393	202774	4.36%	0.654%
20	12.605	997	999	1002	rVB2	216915	338003	7.27%	1.090%
21	13.245	1053	1055	1057	rBV	1978402	1833591	39.41%	5.911%
22	13.497	1073	1077	1080	rBV	1631847	1992554	42.83%	6.423%
23	13.634	1087	1089	1091	rBV	983595	1394194	29.97%	4.494%
24	13.737	1094	1098	1102	rBV3	87785	215012	4.62%	0.693%
25	13.862	1105	1109	1111	rVV	151138	232628	5.00%	0.750%
26	13.988	1117	1120	1121	rBV2	109790	176292	3.79%	0.568%
27	14.457	1158	1161	1164	rVB	97442	143688	3.09%	0.463%
28	14.594	1170	1173	1174	rBV2	100224	165524	3.56%	0.534%
29	14.662	1177	1179	1181	rVV2	128247	261238	5.62%	0.842%
30	14.697	1181	1182	1186	rVB2	113151	179989	3.87%	0.580%
31	14.891	1196	1199	1201	rBV2	966098	1679670	36.10%	5.415%
32	14.925	1201	1202	1208	rVB	509426	788512	16.95%	2.542%
33	15.394	1240	1243	1245	rBV	79645	129776	2.79%	0.418%
34	16.023	1293	1298	1304	rBV4	35318	126069	2.71%	0.406%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.240	1313	1317	1324	rBV	512658	1505505	32.36%	4.853%
36	16.377	1327	1329	1332	rVB	88996	141858	3.05%	0.457%
37	16.628	1348	1351	1355	rVB	328589	545442	11.72%	1.758%
38	16.708	1355	1358	1362	rVV	469630	777505	16.71%	2.506%
39	16.788	1362	1365	1367	rVV	457926	764005	16.42%	2.463%
40	16.823	1367	1368	1375	rVB	148770	238212	5.12%	0.768%
41	18.480	1507	1513	1516	rBV3	37508	138470	2.98%	0.446%
42	18.686	1527	1531	1539	rBV2	225169	641459	13.79%	2.068%
43	18.994	1555	1558	1574	rVB3	34742	207711	4.46%	0.670%
44	19.257	1576	1581	1594	rBV	199986	604592	13.00%	1.949%
45	19.566	1605	1608	1619	rVB	39571	137656	2.96%	0.444%

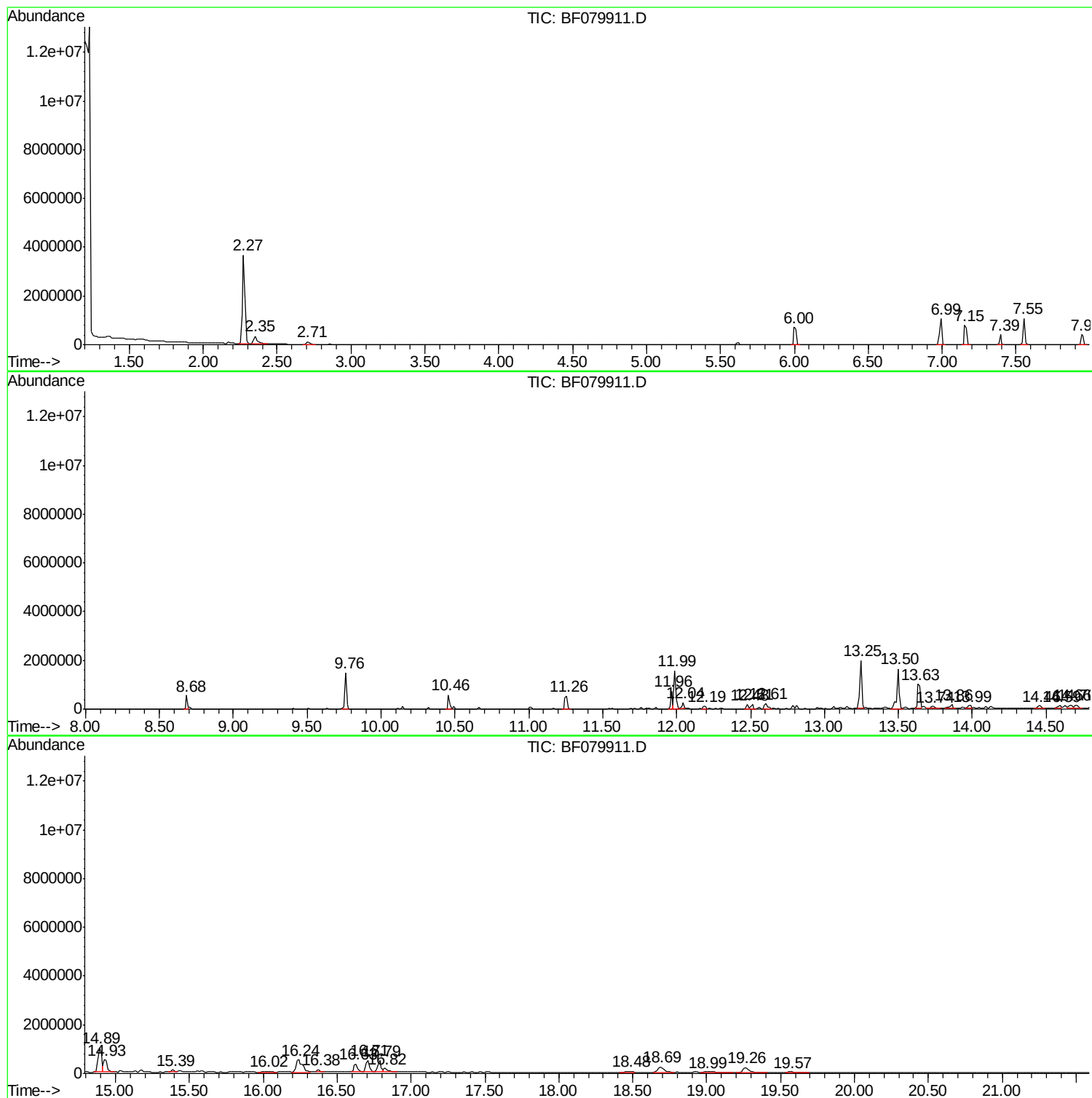
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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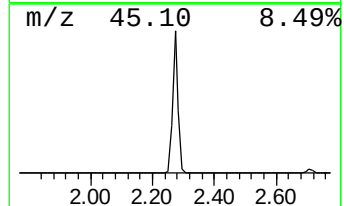
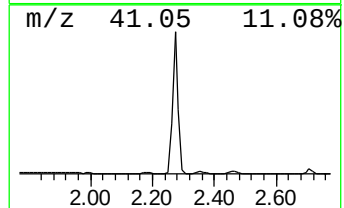
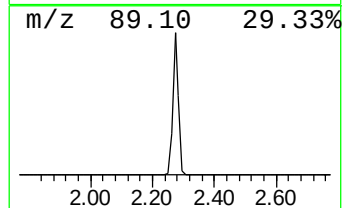
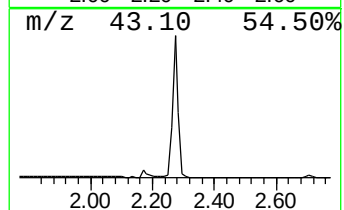
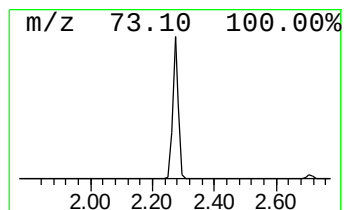
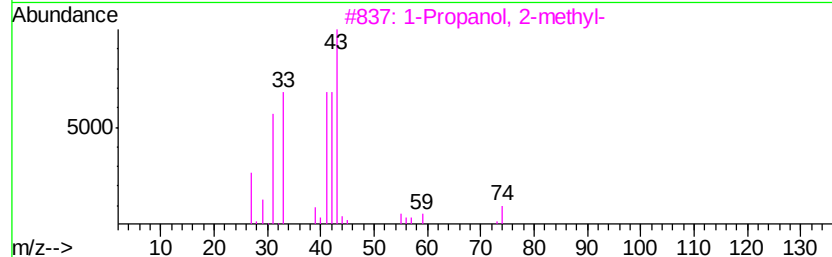
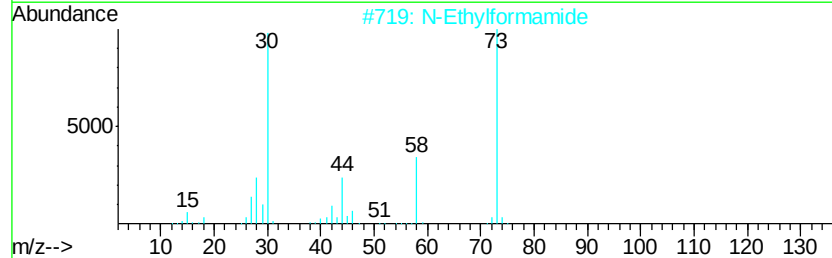
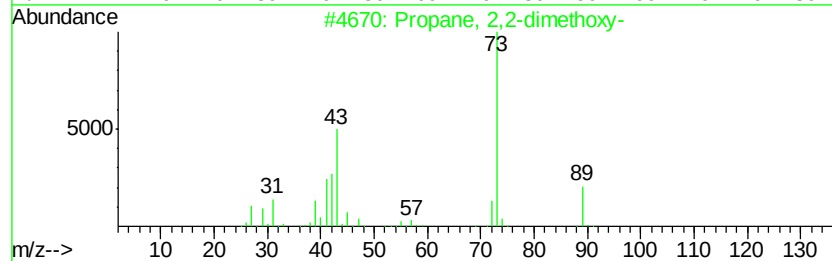
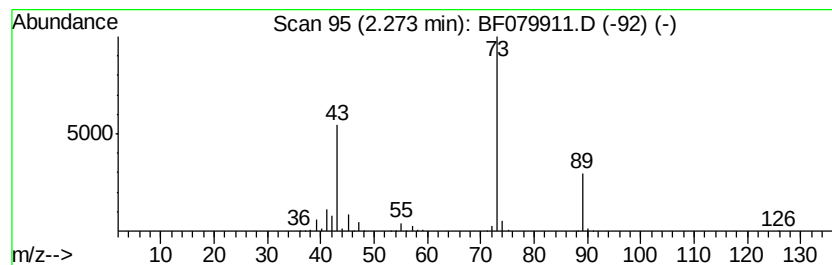
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	290.10 ng	4652340	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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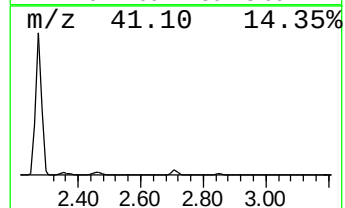
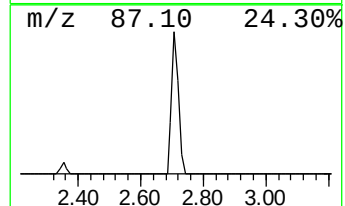
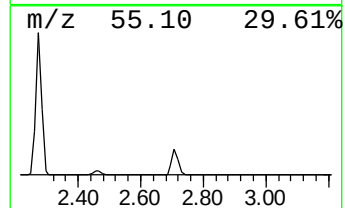
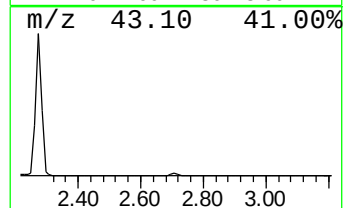
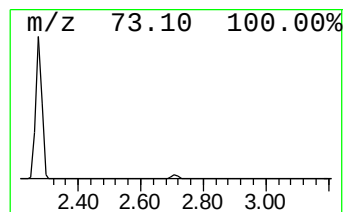
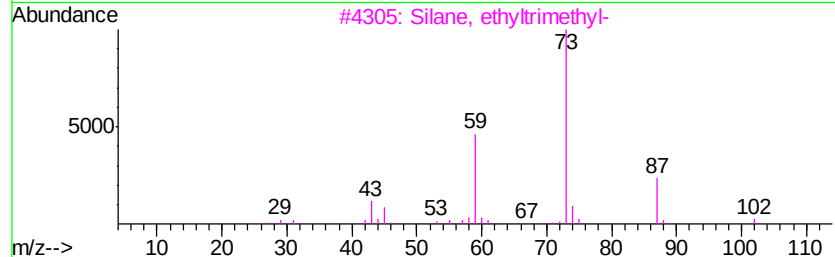
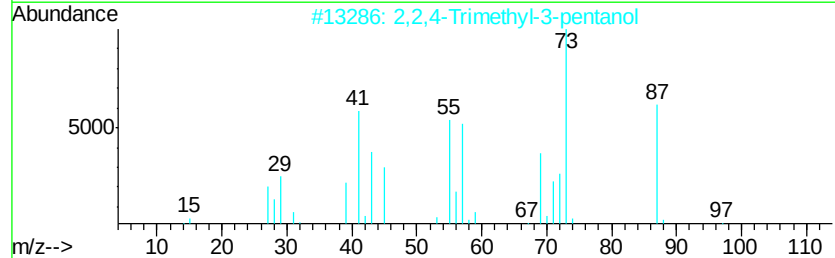
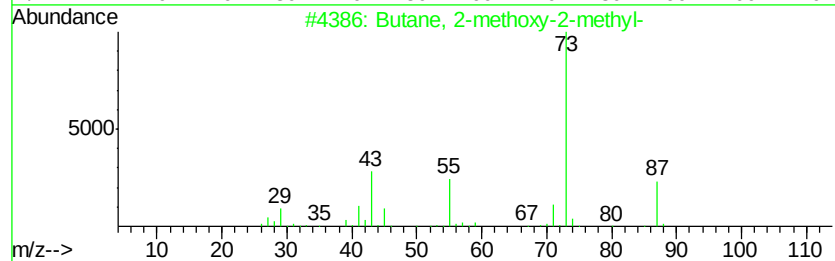
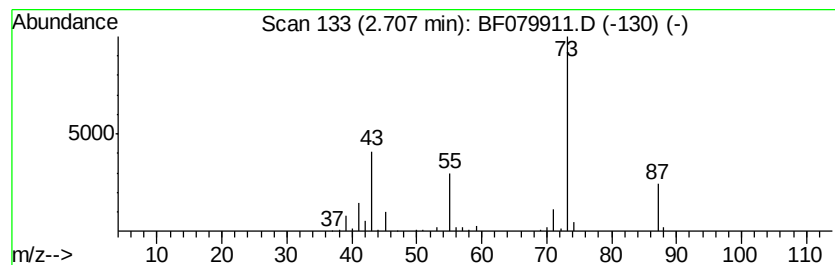
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	9.68 ng	155201	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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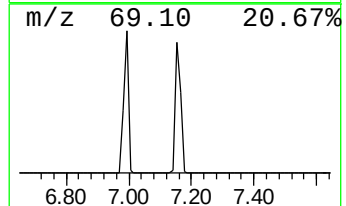
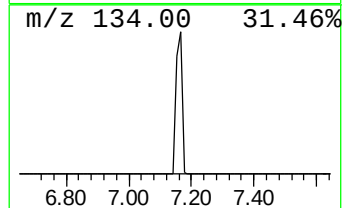
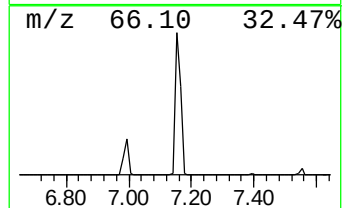
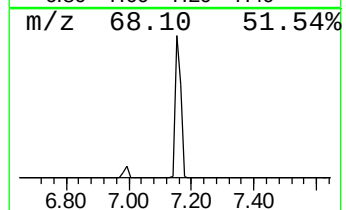
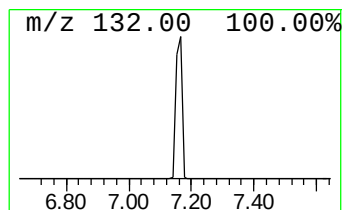
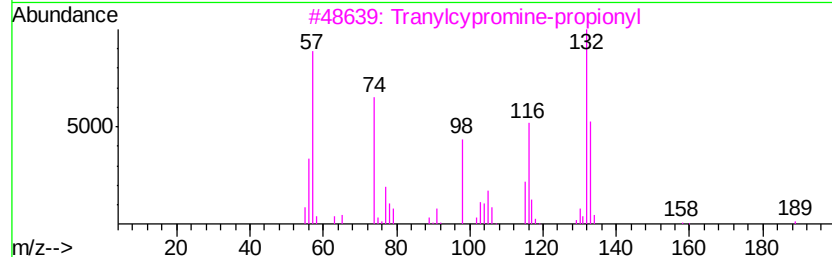
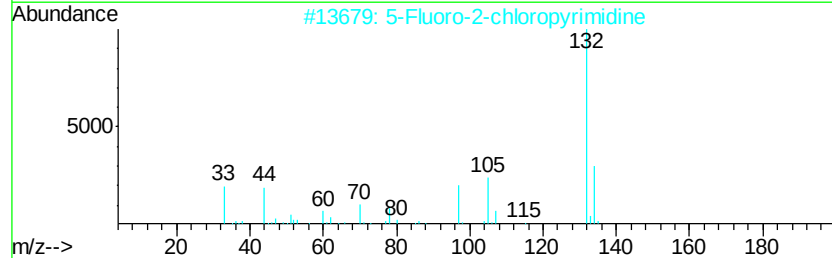
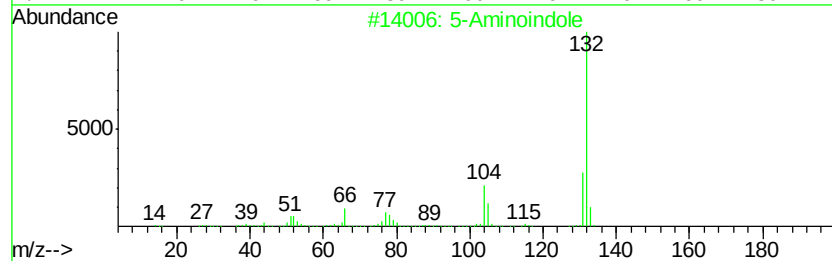
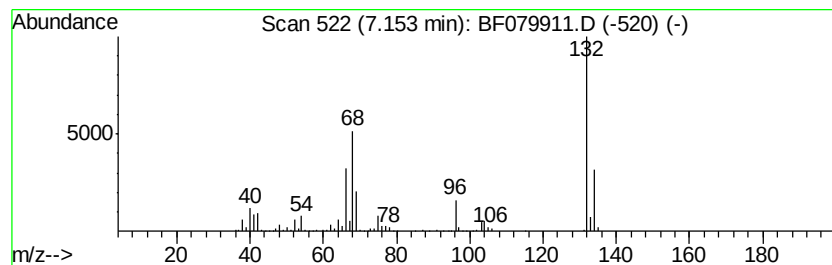
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.15 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	63.41 ng	1016900	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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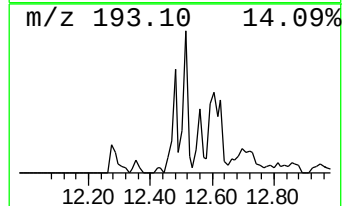
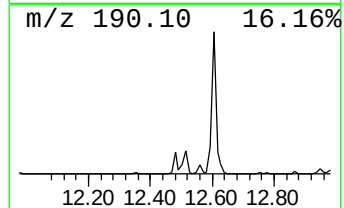
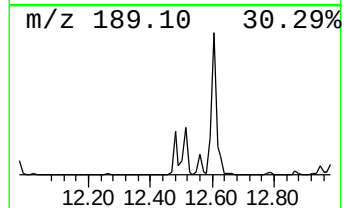
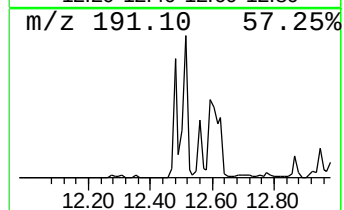
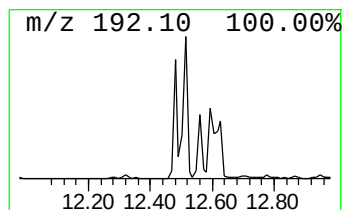
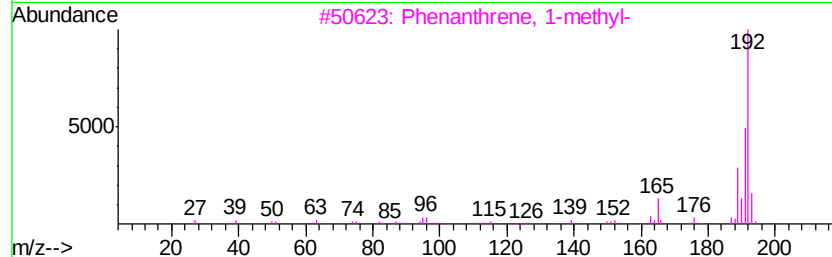
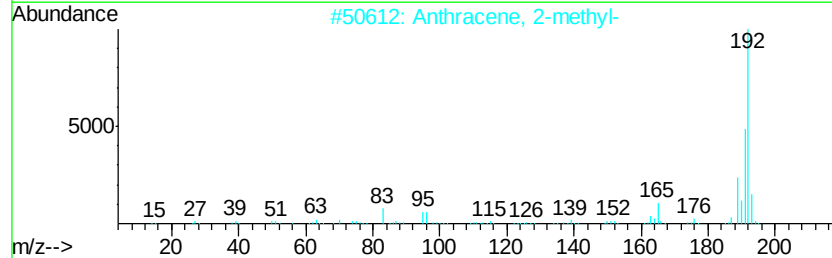
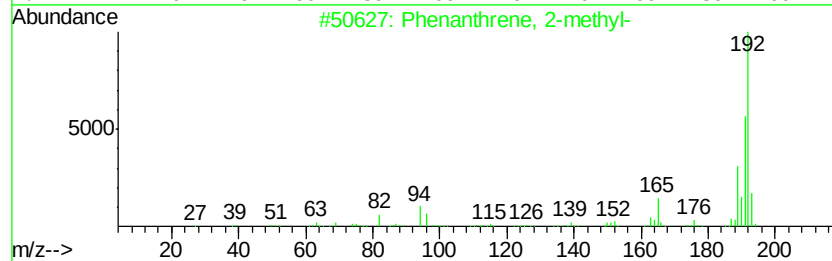
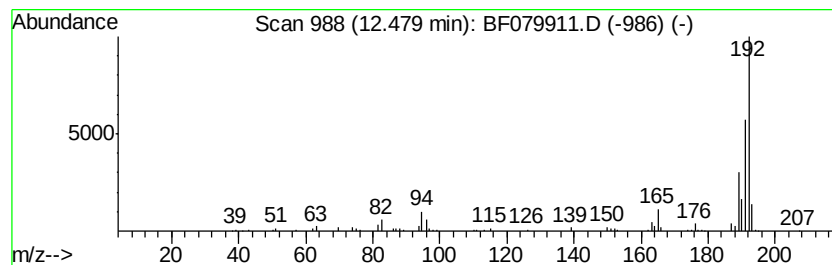
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.20 ng	141843	Phenanthrene-d10	11.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



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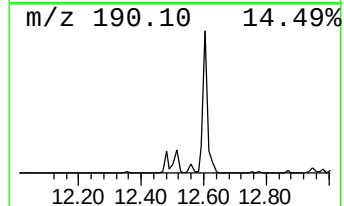
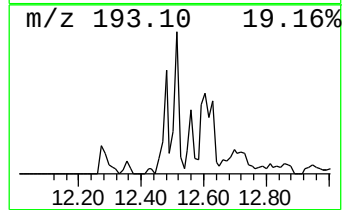
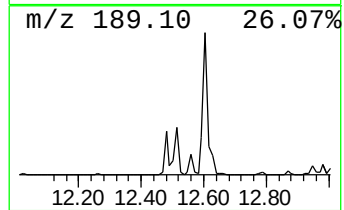
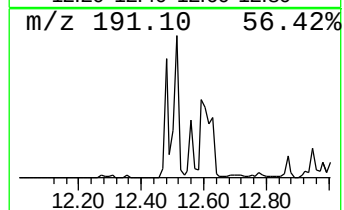
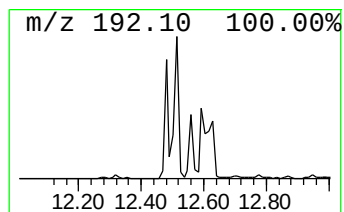
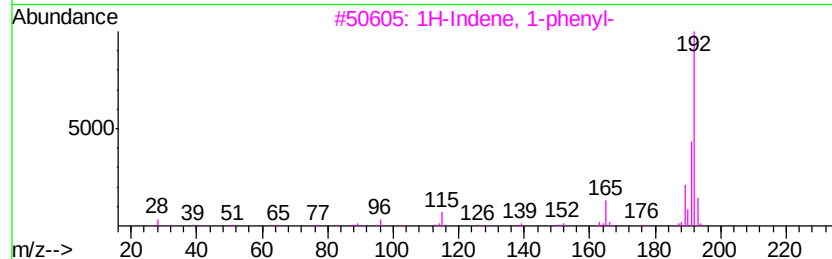
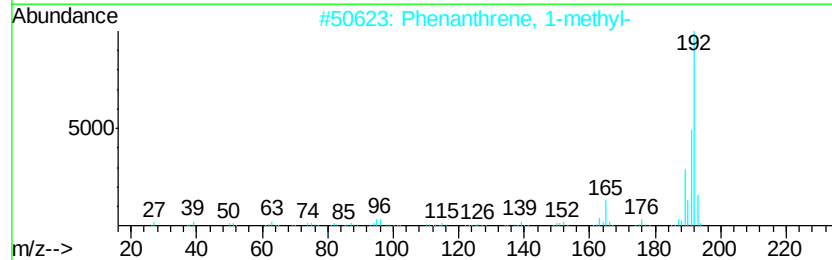
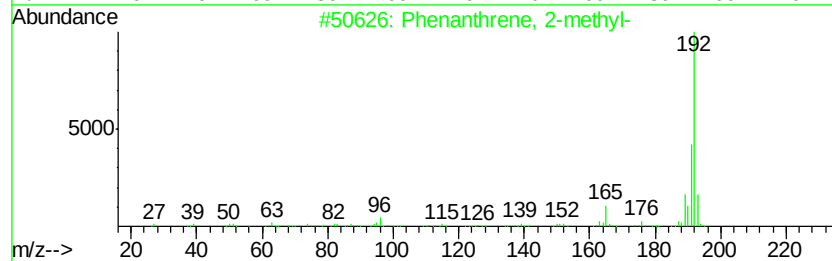
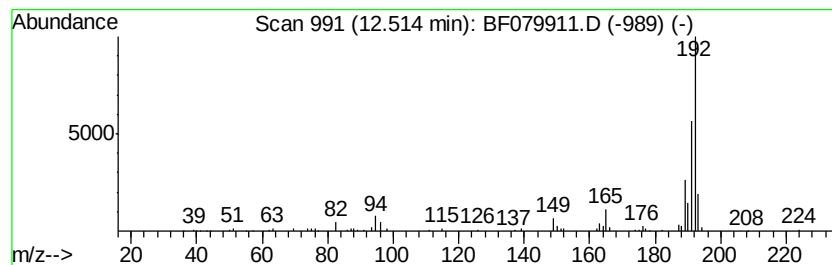
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.00 ng	202774	Phenanthrene-d10	11.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

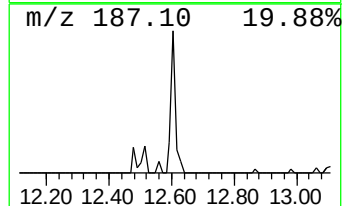
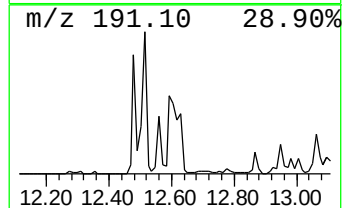
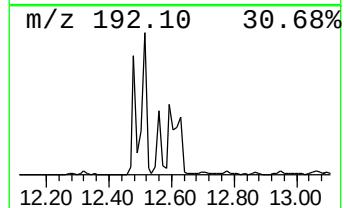
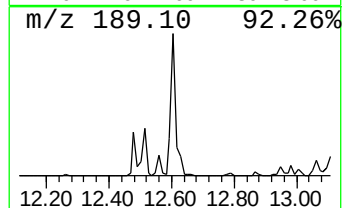
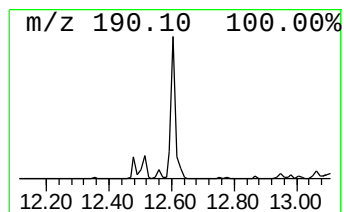
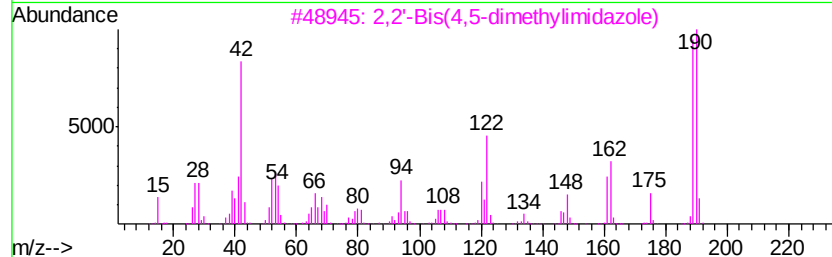
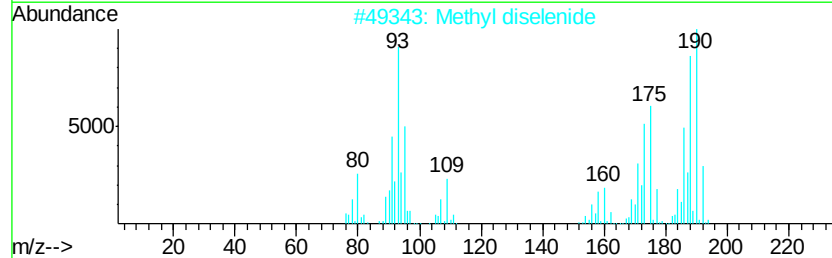
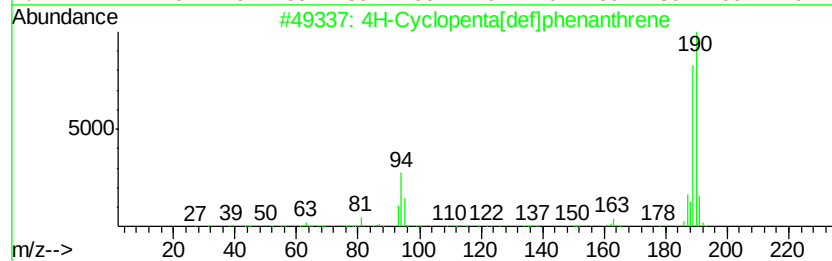
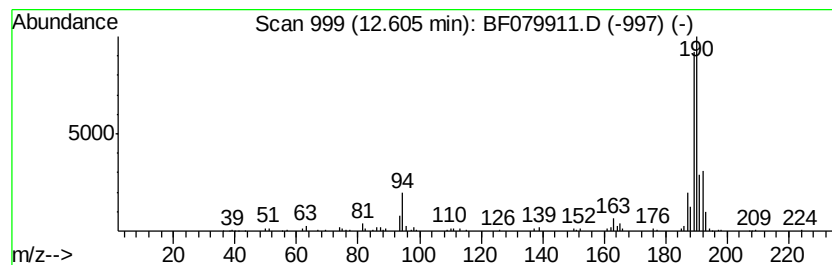
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.61	10.01 ng	338003	Phenanthrene-d10	11.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
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Acq On : 12 Jun 2015 00:29
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Sample : G2449-01
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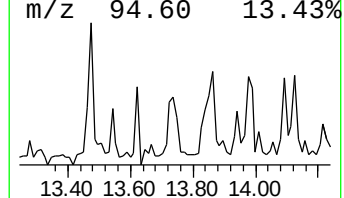
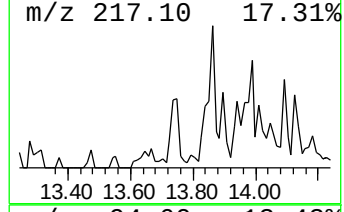
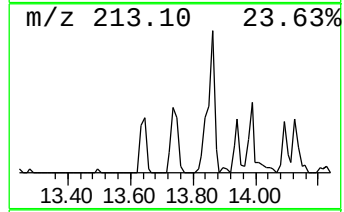
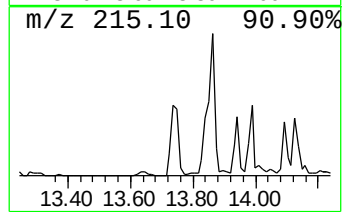
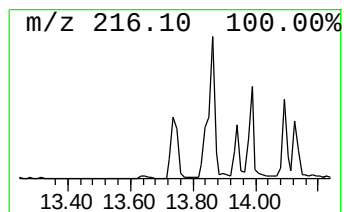
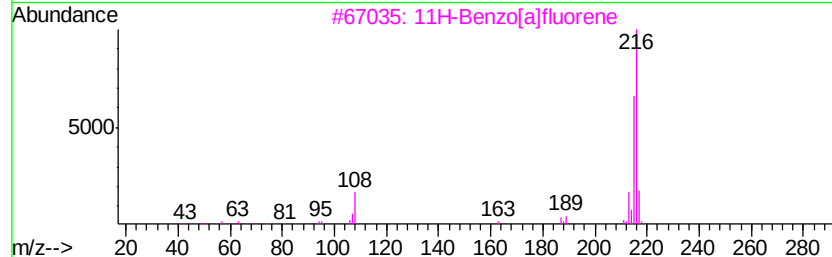
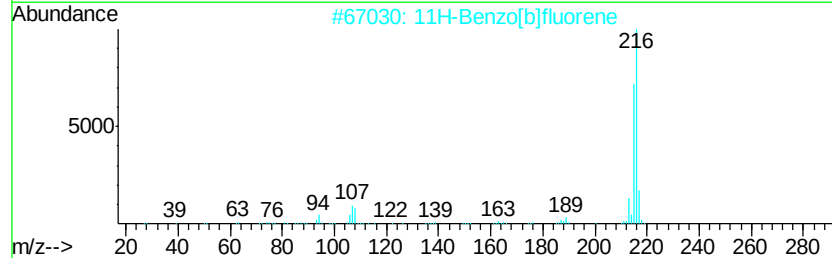
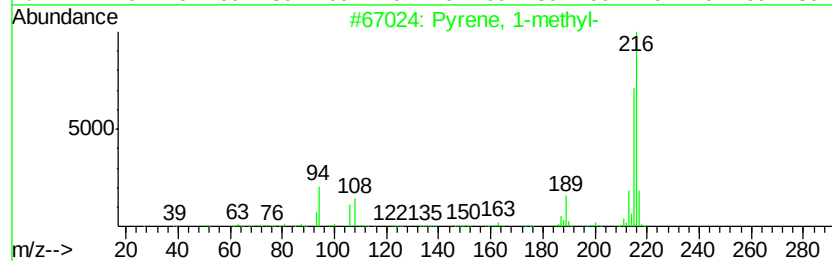
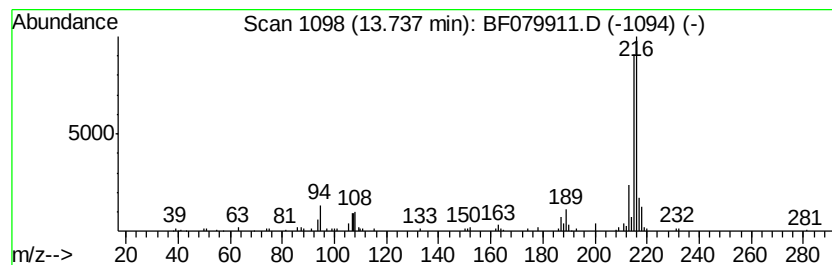
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.56 ng	215012	Chrysene-d12	14.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 95
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 76
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

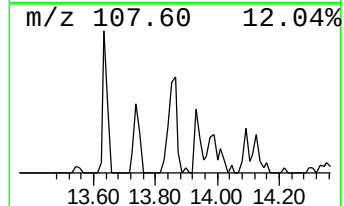
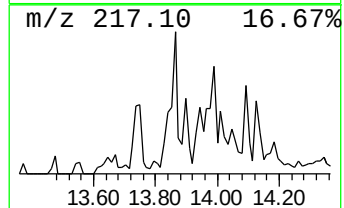
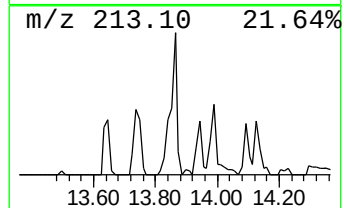
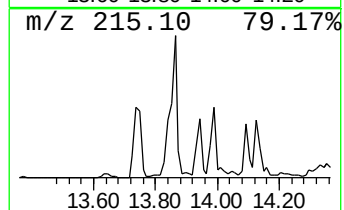
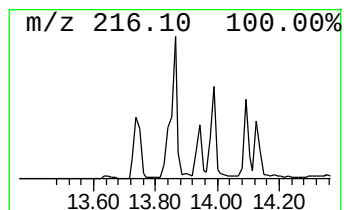
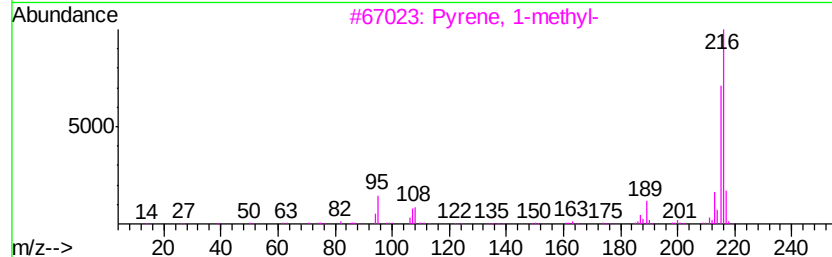
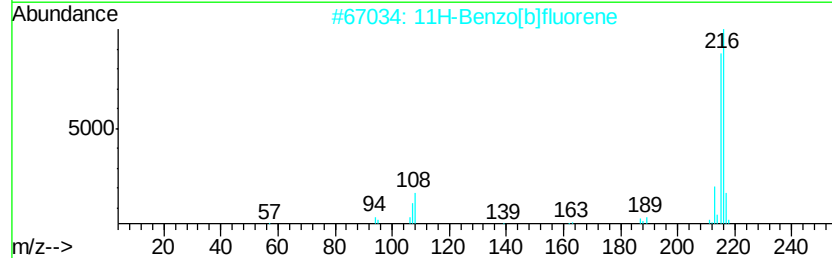
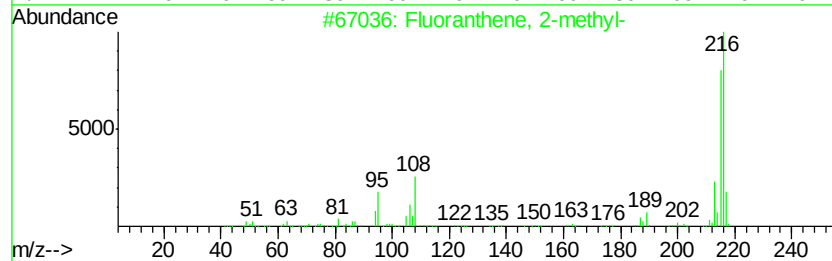
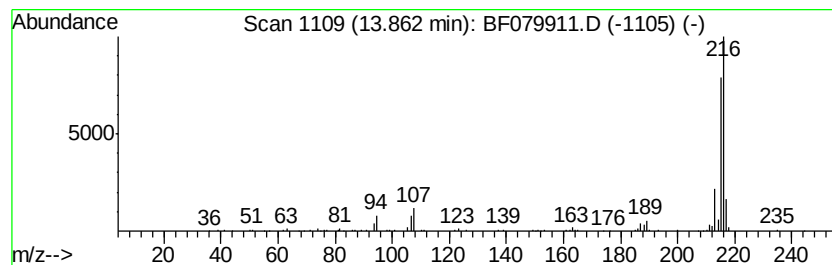
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.86	2.77 ng	232628	Chrysene-d12		14.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
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Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

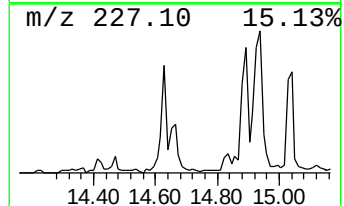
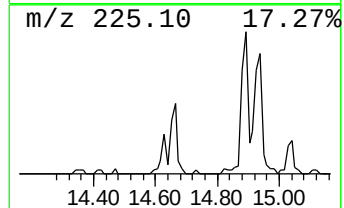
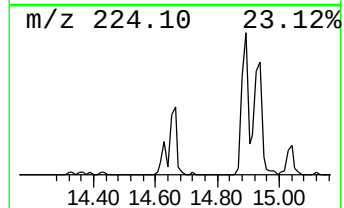
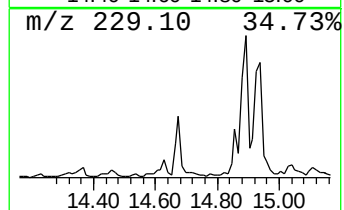
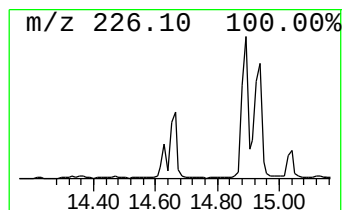
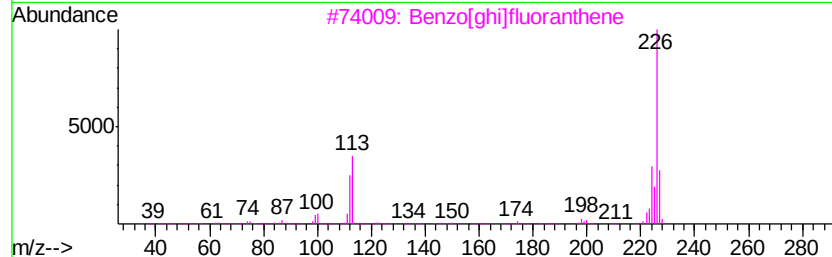
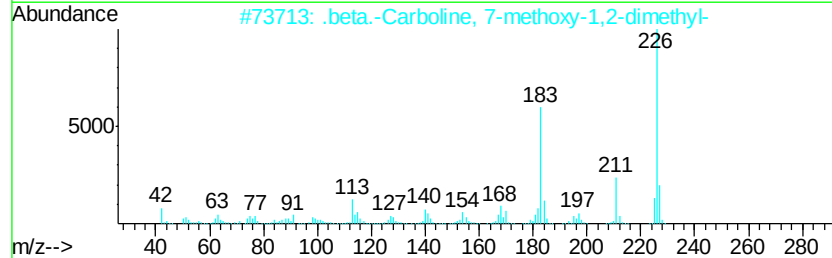
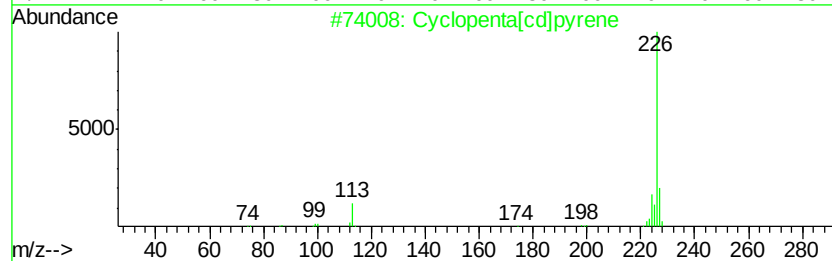
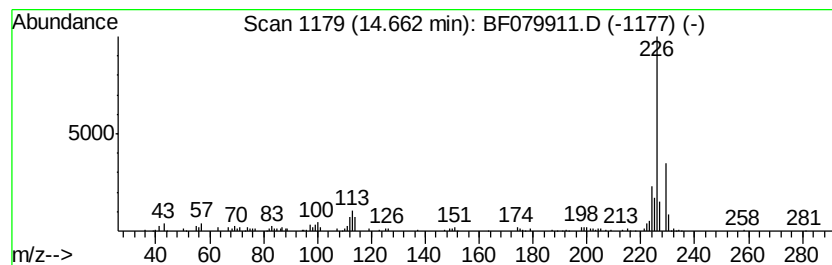
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.66	3.11 ng	261238	Chrysene-d12	14.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopenta[cd]pvrene	226	C18H10	027208-37-3	50
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	37
5	2-Amino-4,5-dihydronaphtho[2,1-b...	226	C13H10N2S	037071-20-8	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
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Sample : G2449-01
Misc :
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Instrument :
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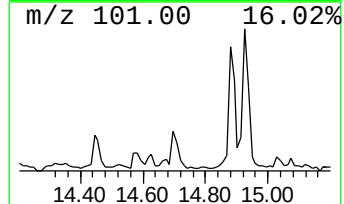
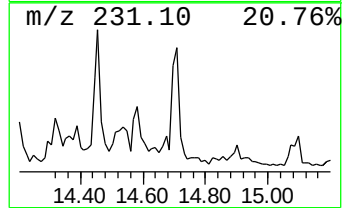
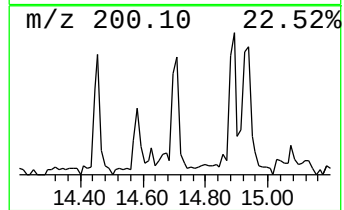
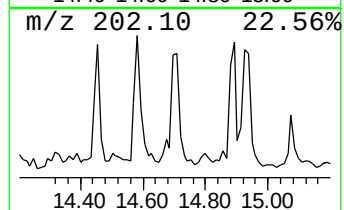
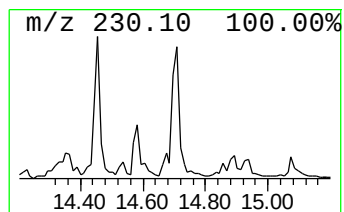
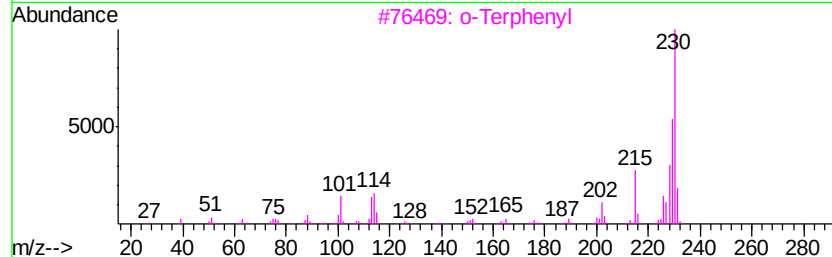
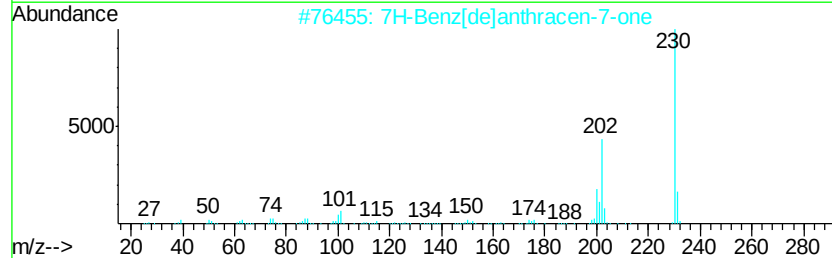
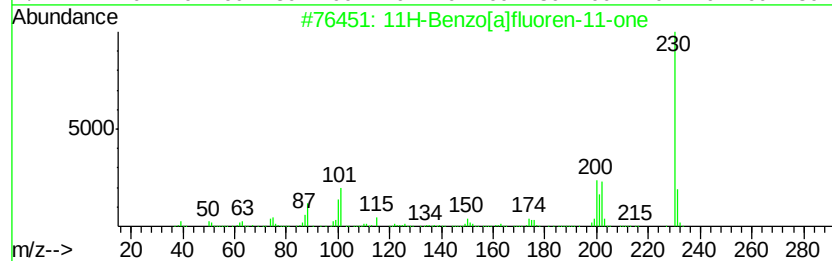
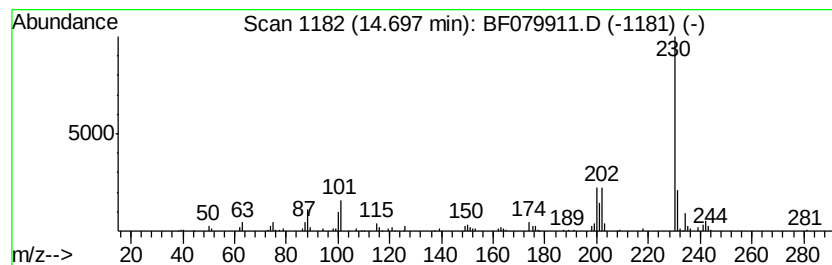
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	2.14 ng	179989	Chrysene-d12	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3		o-Terphenyl	230	C18H14	000084-15-1	53
4		1-Pvrene-carboxaldehyde	230	C17H10O	003029-19-4	50
5		5,6-Dihydrochrysene	230	C18H14	002091-92-1	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
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Sample : G2449-01
Misc :
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Instrument :
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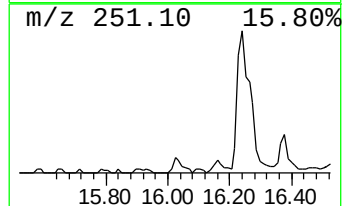
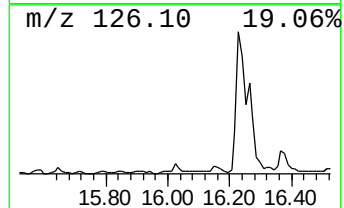
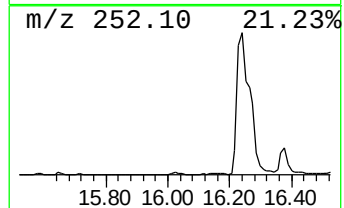
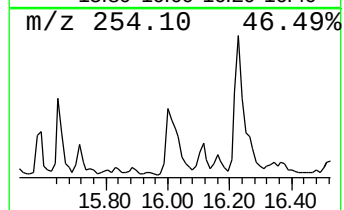
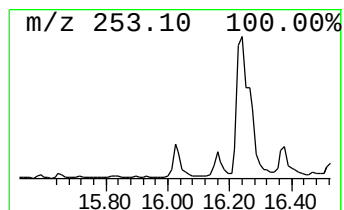
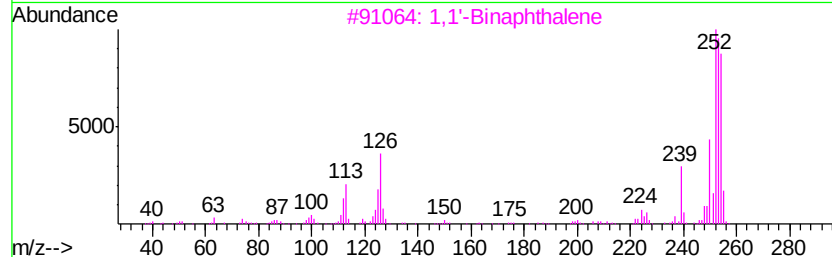
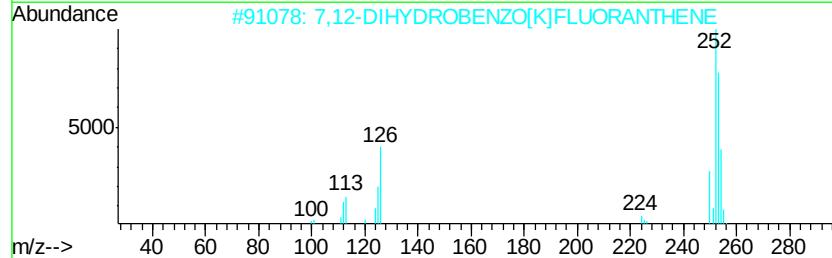
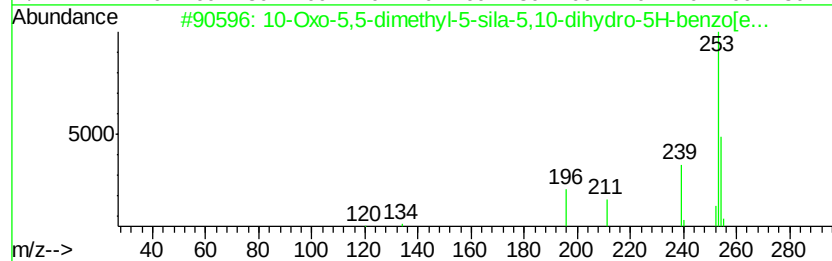
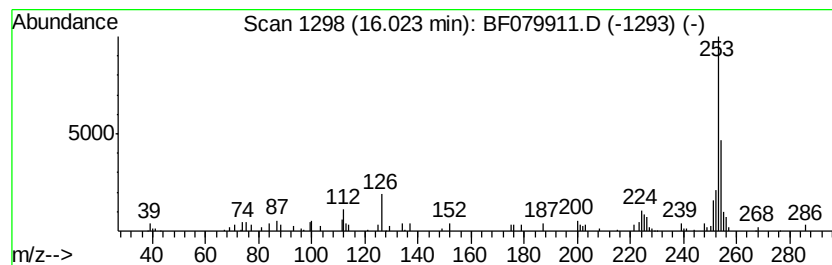
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 10-Oxo-5,5-dimethyl-5-sila-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.30 ng	126069	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
2		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	58
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	50
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	49
5		Pyrido[2,3-g]indole, 5-methoxy-2...	254	C16H18N2O	201991-45-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
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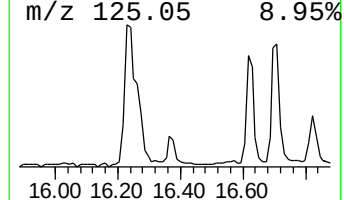
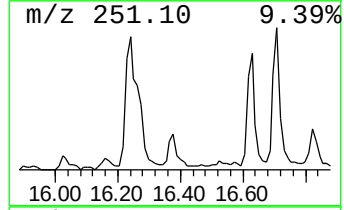
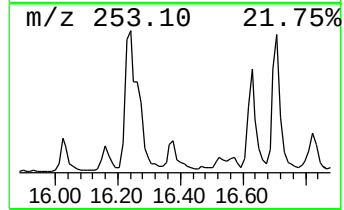
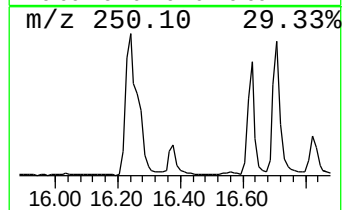
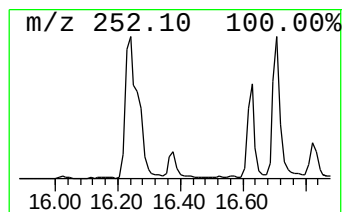
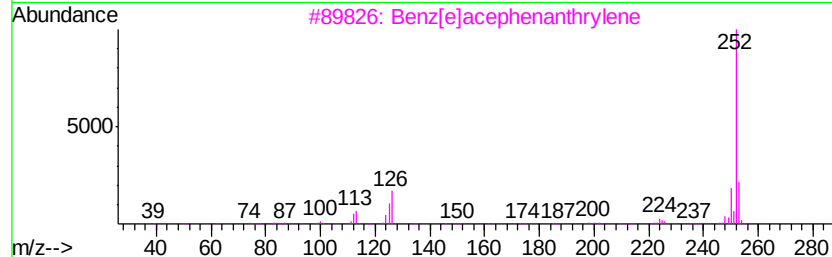
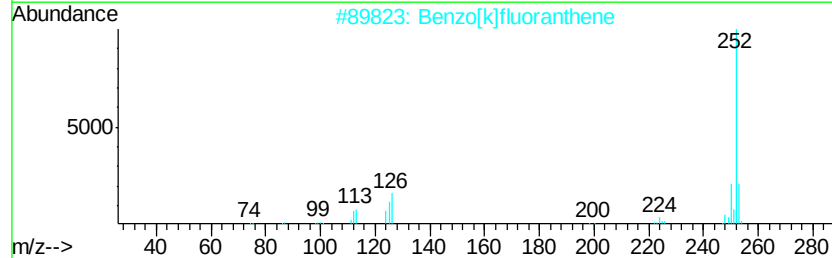
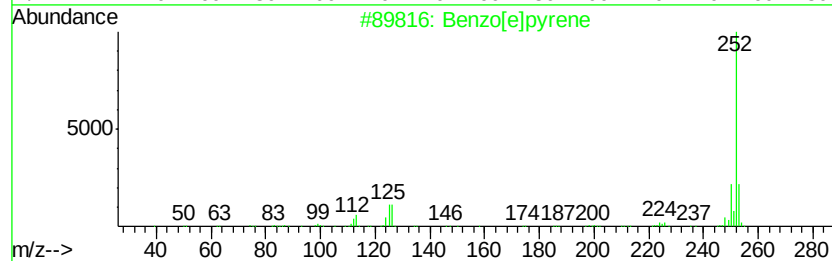
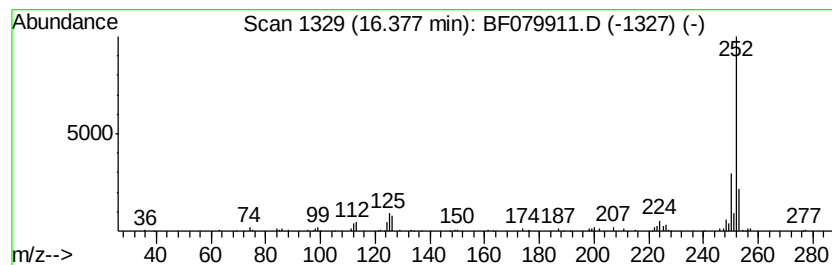
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.38	3.71 ng	141858	Perylene-d12	16.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	87
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1A

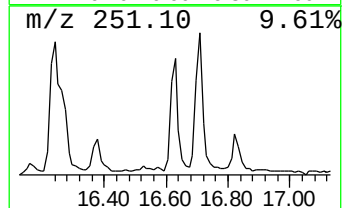
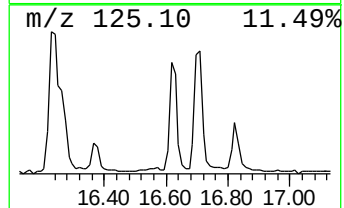
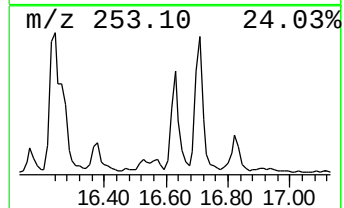
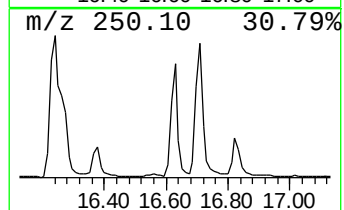
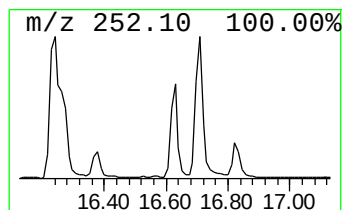
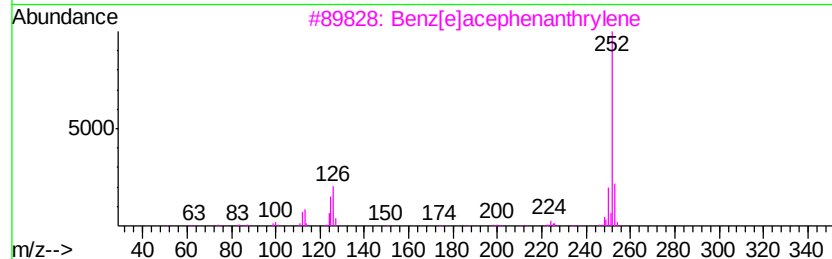
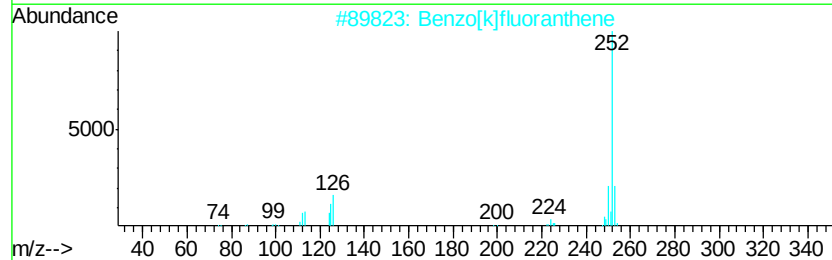
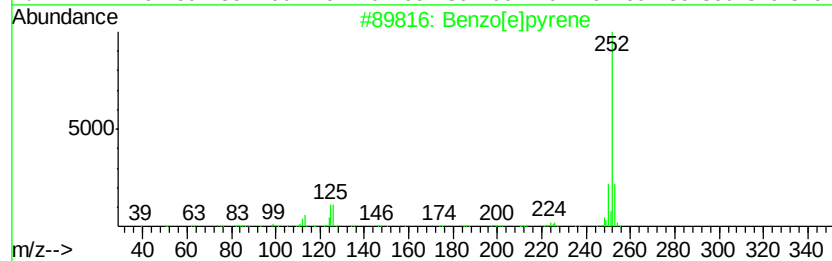
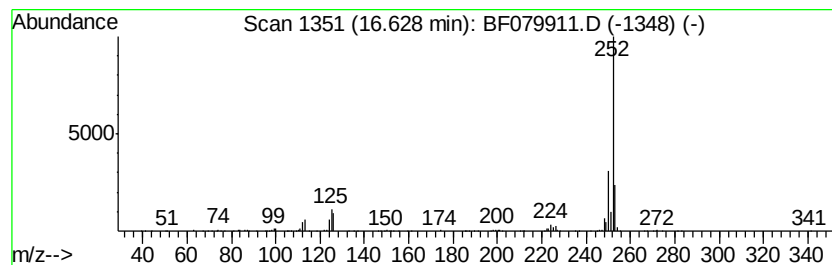
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	14.28 ng	545442	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1A

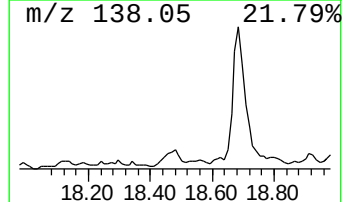
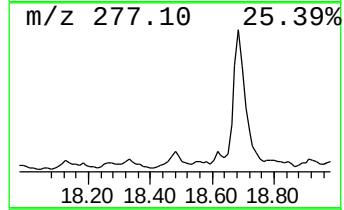
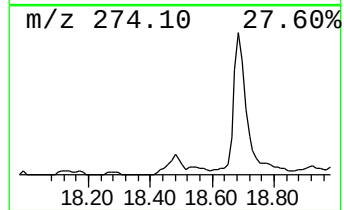
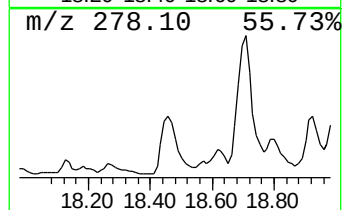
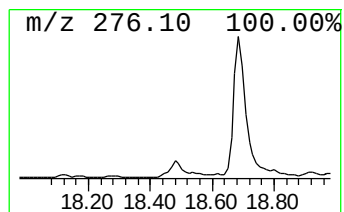
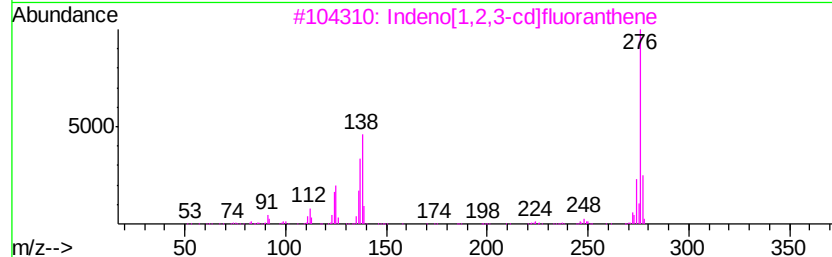
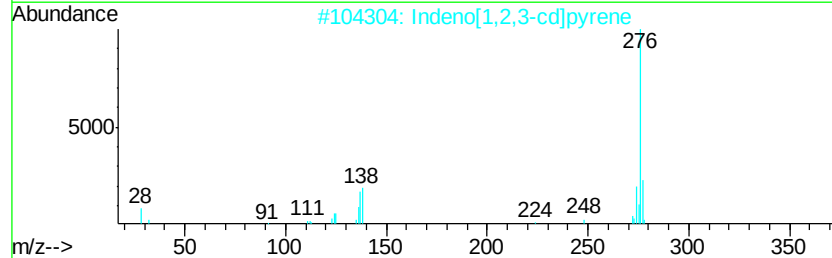
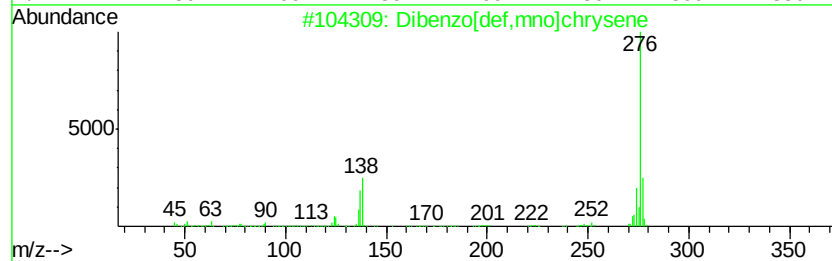
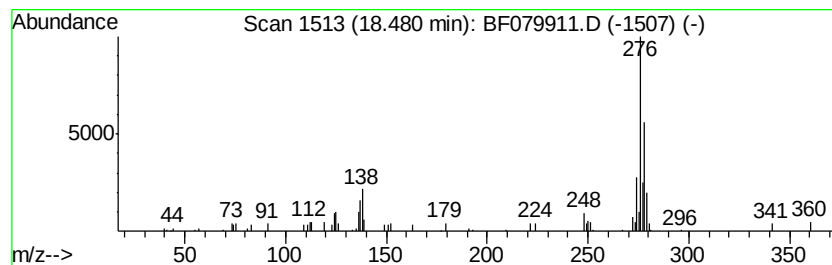
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.62 ng	138470	Perylene-d12	16.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	90
2			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
3			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	70
4			Benzo[ghi]perylene	276	C22H12	000191-24-2	55
5			Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1A

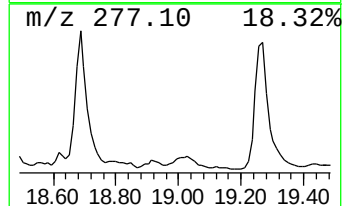
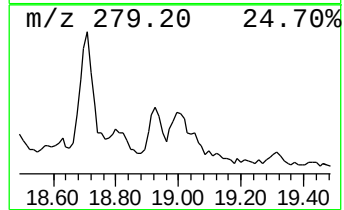
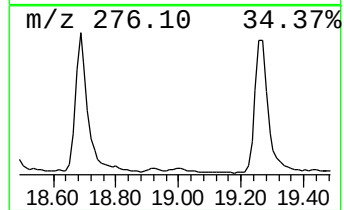
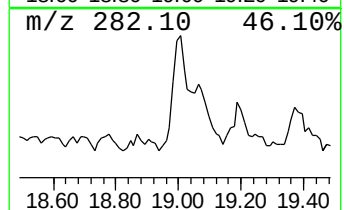
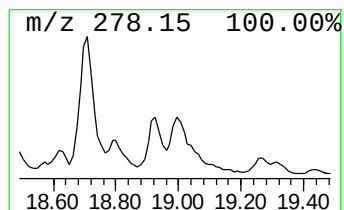
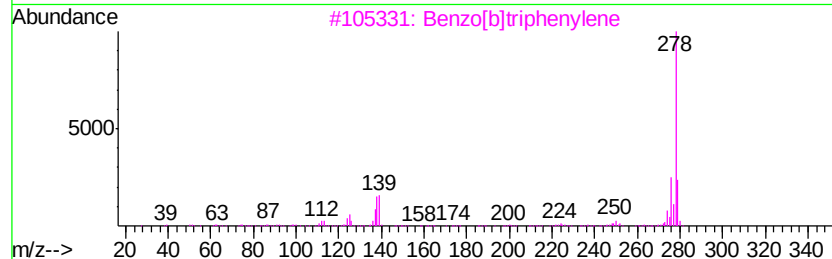
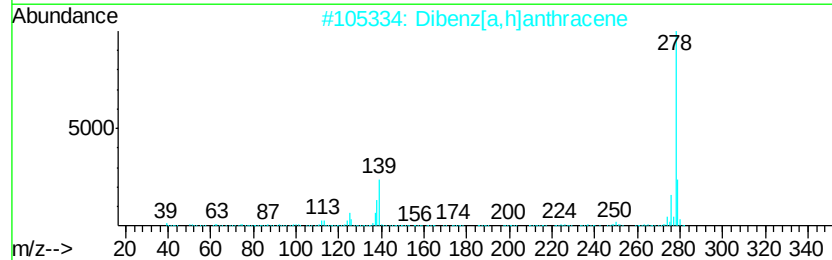
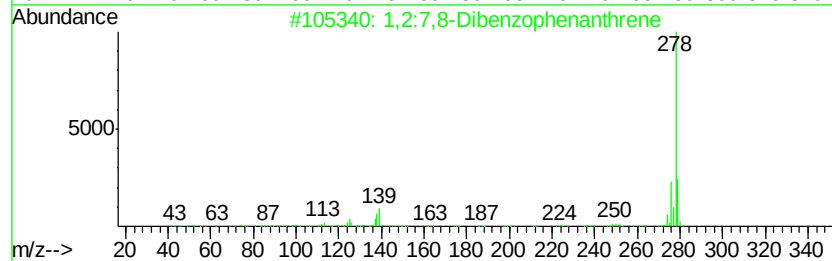
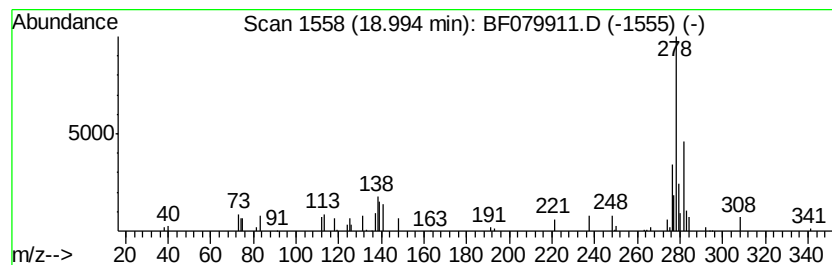
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.44 ng	207711	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	55
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	55
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	55
4		Pentacene	278	C22H14	000135-48-8	55
5		Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079911.D
Acq On : 12 Jun 2015 00:29
Operator : TP/IZ
Sample : G2449-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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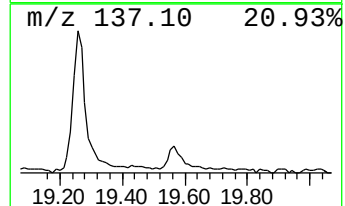
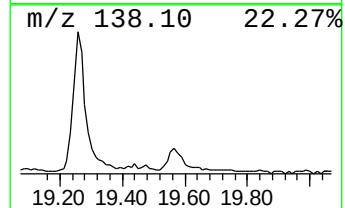
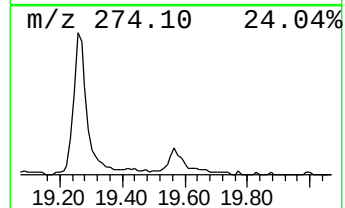
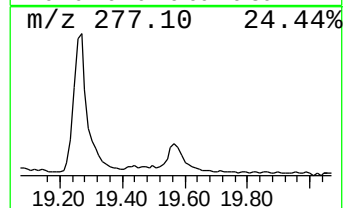
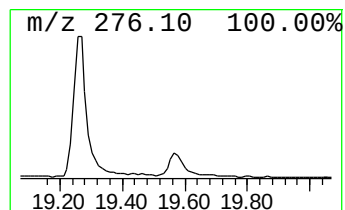
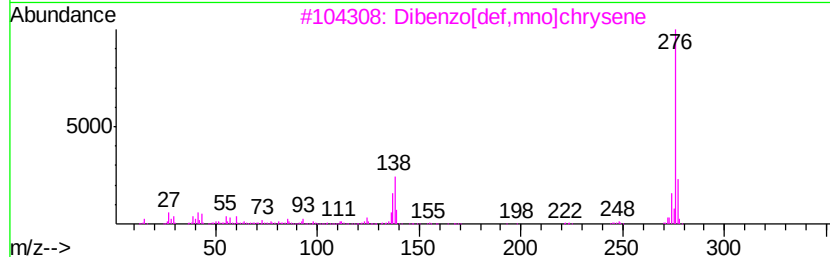
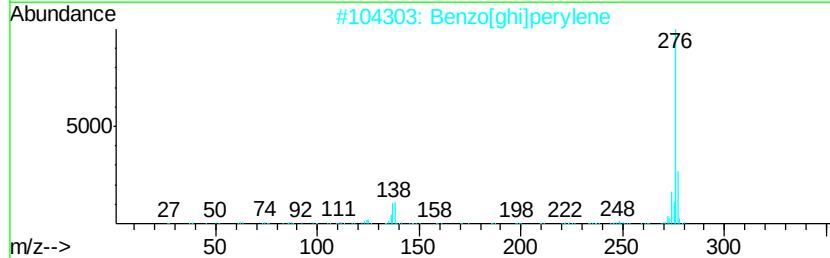
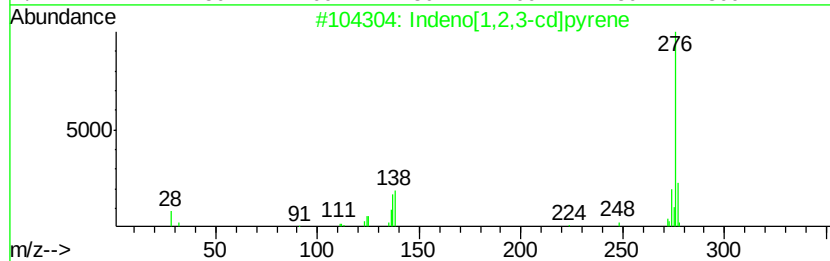
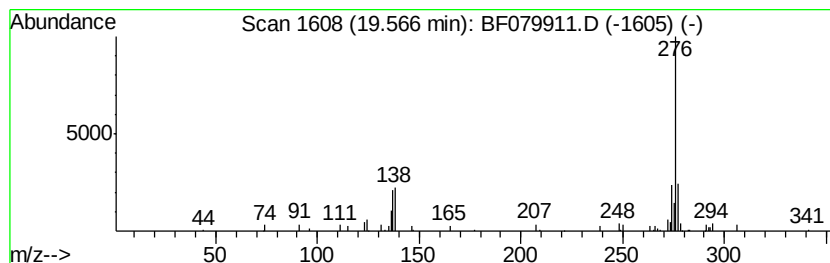
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[ghi]perylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	3.60 ng	137656	Perylene-d12	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	87
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079911.D
 Acq On : 12 Jun 2015 00:29
 Operator : TP/IZ
 Sample : G2449-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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
Propane, 2,2-dime...	2.27	290.1	ng	4652340	1	7.39	320740	20.0
Butane, 2-methoxy...	2.71	9.7	ng	155201	1	7.39	320740	20.0
unknown7.15	7.15	63.4	ng	1016900	1	7.39	320740	20.0
Phenanthrene, 2-m...	12.48	4.2	ng	141843	4	11.97	675515	20.0
Phenanthrene, 1-m...	12.51	6.0	ng	202774	4	11.97	675515	20.0
4H-Cyclopenta[def...	12.61	10.0	ng	338003	4	11.97	675515	20.0
Pyrene, 1-methyl-	13.74	2.6	ng	215012	5	14.90	1679670	20.0
Fluoranthene, 2-m...	13.86	2.8	ng	232628	5	14.90	1679670	20.0
Cyclopenta[cd]pyrene	14.66	3.1	ng	261238	5	14.90	1679670	20.0
11H-Benzo[a]fluor...	14.70	2.1	ng	179989	5	14.90	1679670	20.0
10-Oxo-5,5-dimeth...	16.02	3.3	ng	126069	6	16.79	764005	20.0
Benzo[e]pyrene	16.38	3.7	ng	141858	6	16.79	764005	20.0
Benzo[j]fluoranthene	16.63	14.3	ng	545442	6	16.79	764005	20.0
Dibenzo[def,mno]c...	18.48	3.6	ng	138470	6	16.79	764005	20.0
1,2:7,8-Dibenzoph...	18.99	5.4	ng	207711	6	16.79	764005	20.0
Benzo[ghi]perylene	19.57	3.6	ng	137656	6	16.79	764005	20.0