

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079590.D
 Acq On : 30 May 2015 7:34
 Operator : TP/IZ
 Sample : G2416-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONNECTORRD-TE1.1(5)

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-BF052615.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	1.553	30	32	40	rBV	630942	1044674	14.18%	3.182%
2	1.655	40	41	85	rVB	3100896	7365700	100.00%	22.434%
3	4.661	302	304	315	rVB	62560	117531	1.60%	0.358%
4	5.222	351	353	364	rBV	1371230	1881016	25.54%	5.729%
5	6.547	467	469	477	rBV	1767337	1915093	26.00%	5.833%
6	6.662	477	479	482	rBV	1757672	1974638	26.81%	6.014%
7	6.947	502	504	507	rBV	429757	428886	5.82%	1.306%
8	7.130	518	520	523	rBV	1300602	1562955	21.22%	4.760%
9	7.656	563	566	568	rBV	984582	1195613	16.23%	3.642%
10	8.525	640	642	647	rVB	591375	632215	8.58%	1.926%
11	9.873	758	760	763	rBV	2242592	2299985	31.23%	7.005%
12	10.388	803	805	808	rBV	431849	389866	5.29%	1.187%
13	10.696	829	832	834	rVB	497442	629358	8.54%	1.917%
14	11.668	915	917	920	rBV	1254315	1385828	18.81%	4.221%
15	12.525	990	992	993	rBV	614281	598719	8.13%	1.824%
16	12.548	993	994	997	rVB	208525	244474	3.32%	0.745%
17	13.279	1053	1058	1065	rVV4	84004	208996	2.84%	0.637%
18	14.022	1121	1123	1125	rBV	506689	511099	6.94%	1.557%
19	14.297	1144	1147	1150	rBV	421119	518652	7.04%	1.580%
20	14.514	1164	1166	1169	rBV	1658067	2260112	30.68%	6.884%
21	14.697	1178	1182	1183	rBV4	35067	81230	1.10%	0.247%
22	14.845	1193	1195	1200	rBV2	72519	124010	1.68%	0.378%
23	15.360	1238	1240	1245	rVB	50653	74459	1.01%	0.227%
24	15.531	1253	1255	1258	rVV2	45342	88497	1.20%	0.270%
25	15.703	1268	1270	1276	rBV	240337	443686	6.02%	1.351%
26	15.805	1276	1279	1281	rVV2	567566	1021741	13.87%	3.112%
27	15.840	1281	1282	1284	rVV	225148	304482	4.13%	0.927%
28	16.011	1293	1297	1300	rBV3	35360	101314	1.38%	0.309%
29	16.137	1305	1308	1312	rBV4	45465	110390	1.50%	0.336%
30	16.491	1337	1339	1342	rBV4	44452	103994	1.41%	0.317%
31	16.548	1342	1344	1347	rVB2	46448	87584	1.19%	0.267%
32	17.154	1394	1397	1403	rVB	295813	658498	8.94%	2.006%
33	17.486	1423	1426	1429	rBV	219662	266002	3.61%	0.810%
34	17.554	1429	1432	1435	rBV	265432	355849	4.83%	1.084%

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CONNECTORRD-TE1.1(5)

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-BF052615.M
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35	17.623	1435	1438	1440	rBV	408948	690015	9.37%	2.102%
36	17.943	1464	1466	1468	rBV	73918	96596	1.31%	0.294%
37	18.240	1490	1492	1494	rBV3	55103	83387	1.13%	0.254%
38	18.949	1551	1554	1559	rVB2	176290	387425	5.26%	1.180%
39	19.154	1570	1572	1576	rBV2	50761	90758	1.23%	0.276%
40	19.326	1584	1587	1597	rVB	227200	497435	6.75%	1.515%

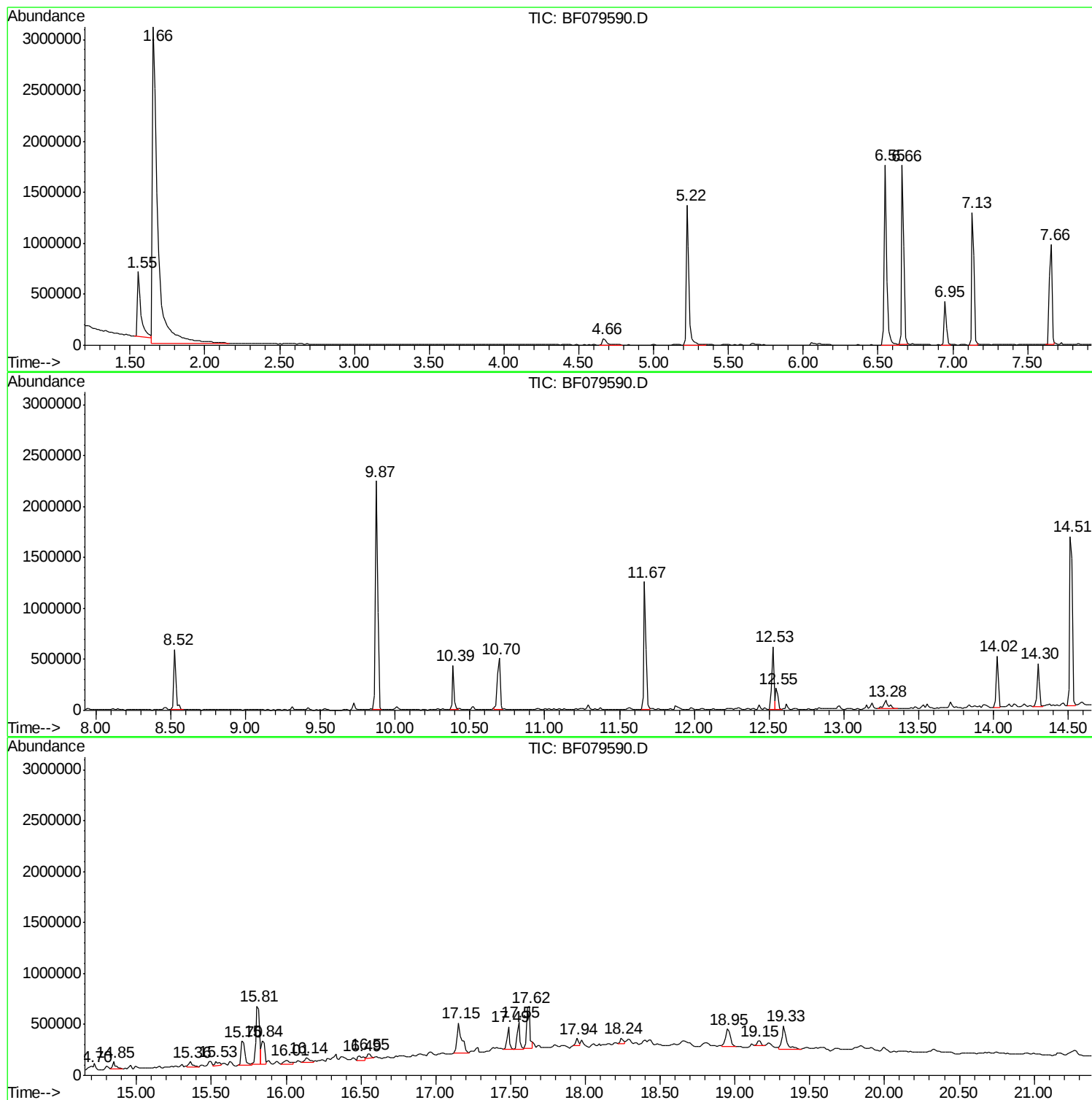
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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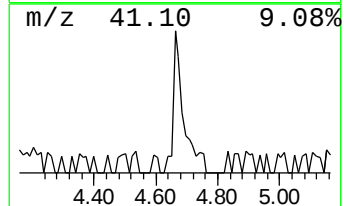
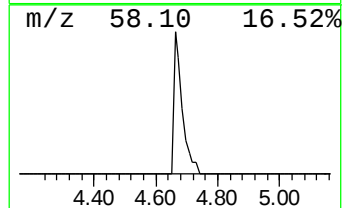
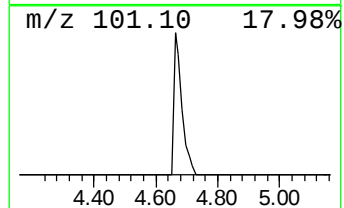
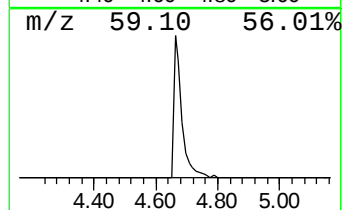
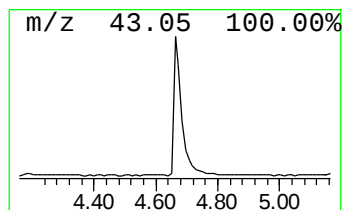
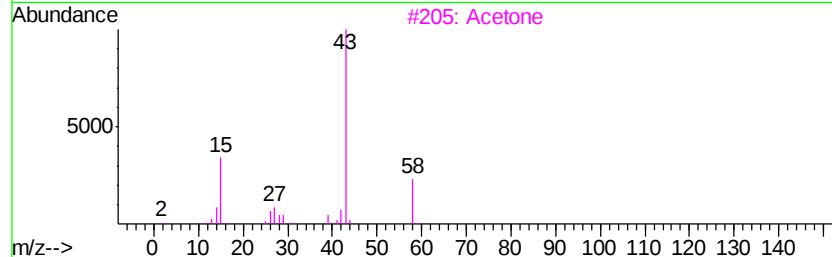
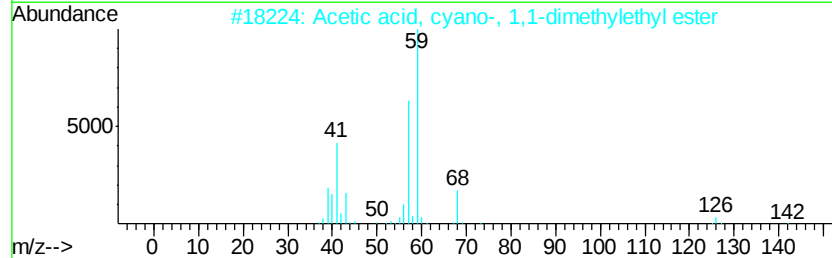
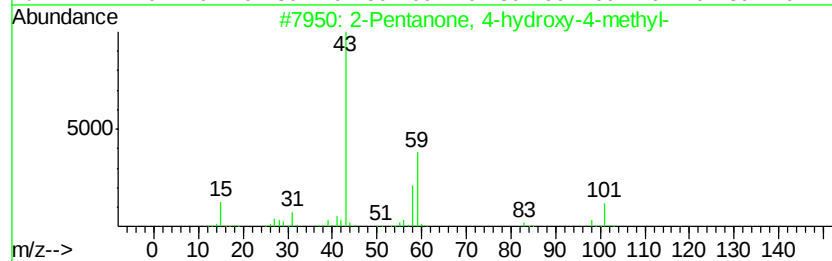
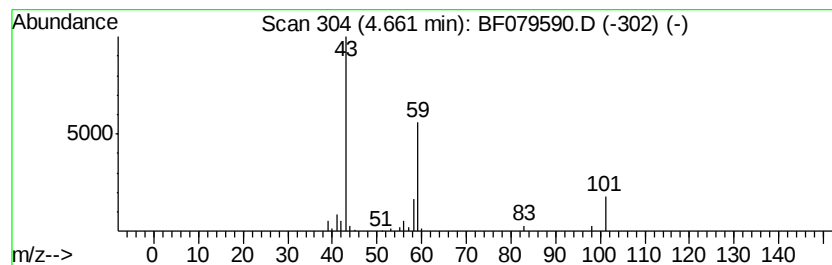
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	5.48 ng	117531	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3		Acetone	58	C3H6O	000067-64-1	9
4		Diacetamide	101	C4H7NO2	000625-77-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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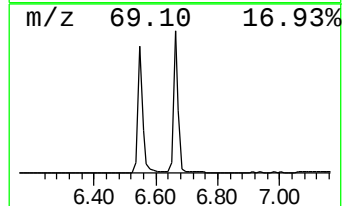
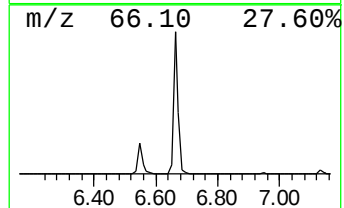
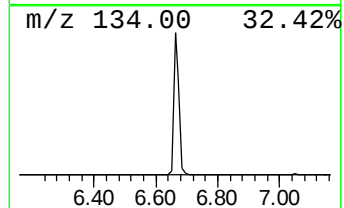
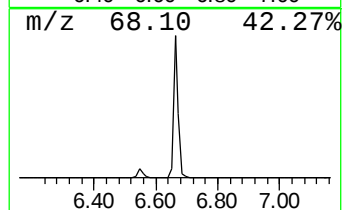
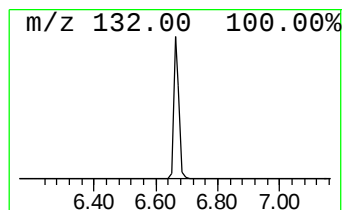
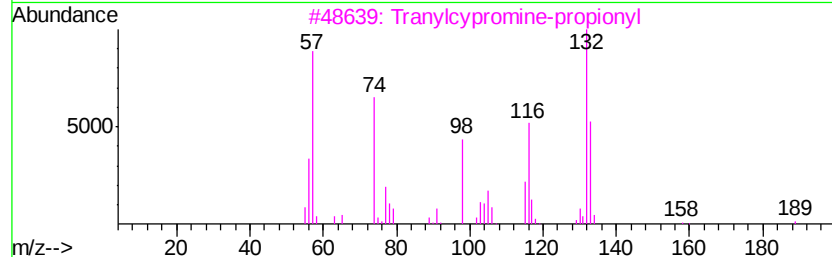
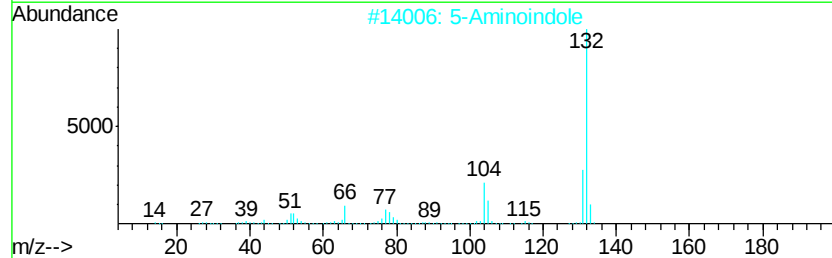
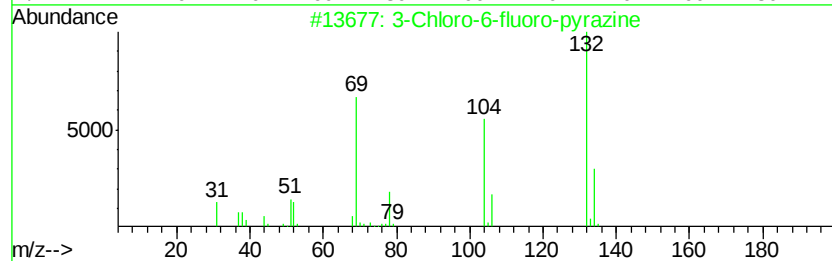
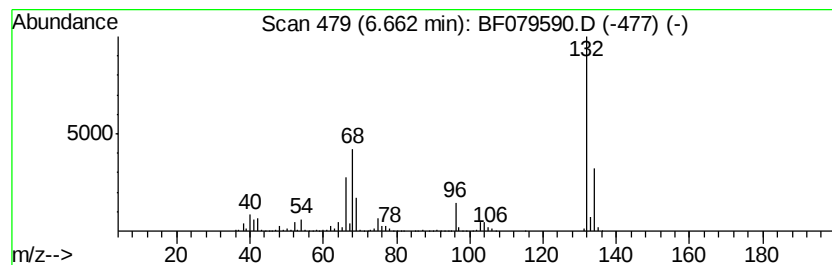
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	92.08 ng	1974640	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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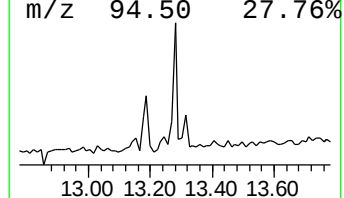
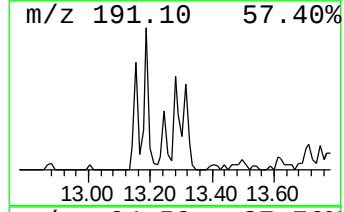
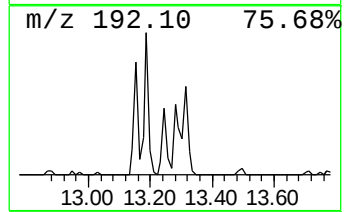
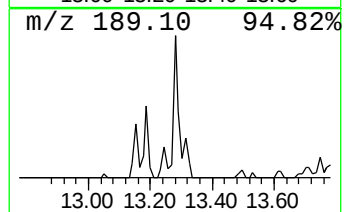
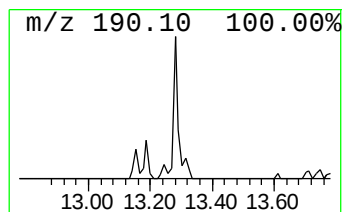
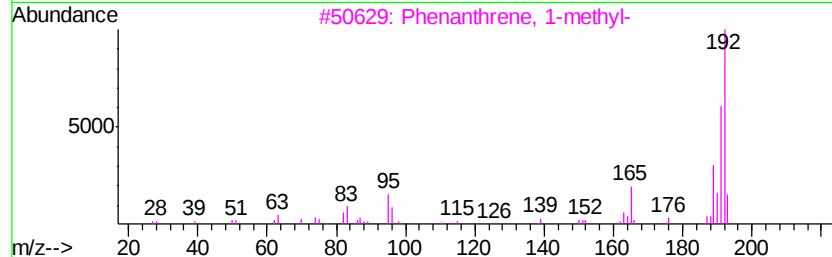
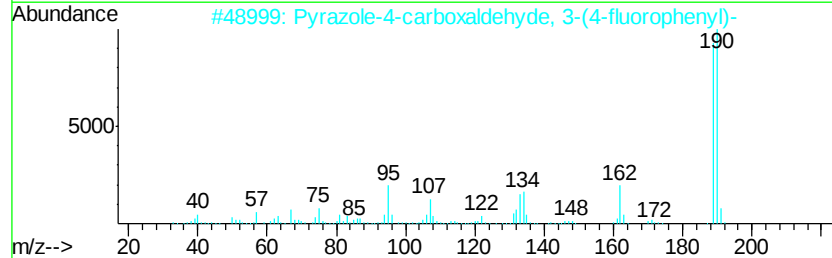
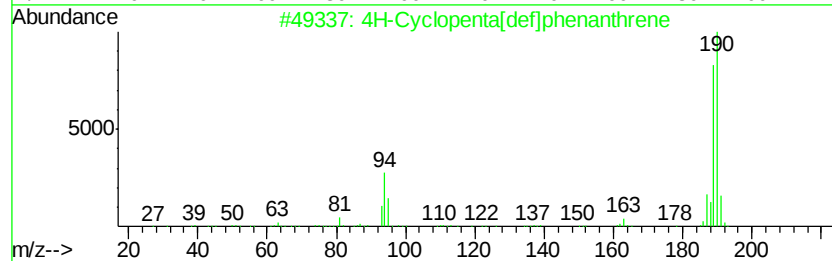
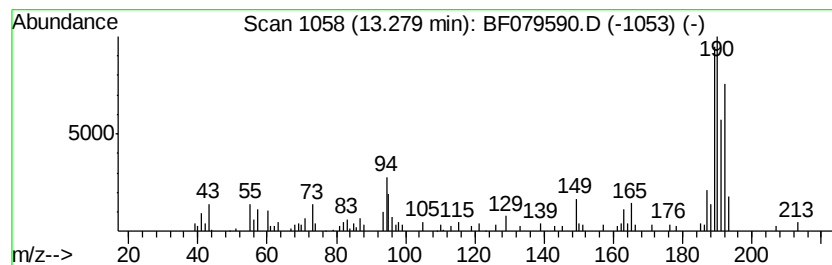
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.28	6.98 ng	208996	Phenanthrene-d10	12.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30



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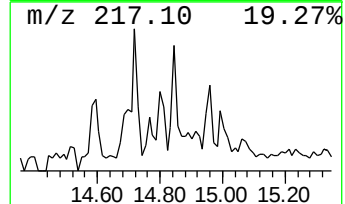
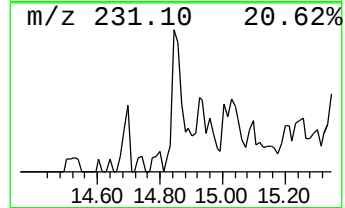
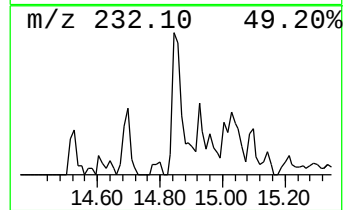
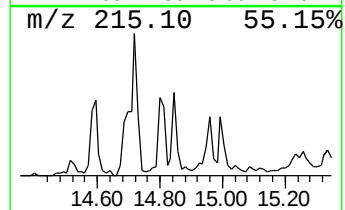
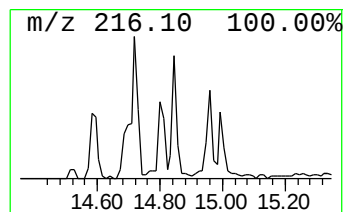
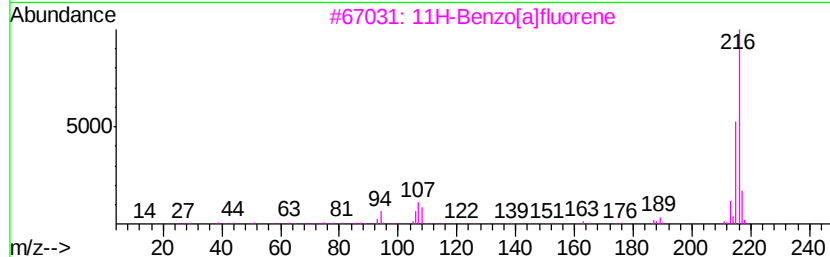
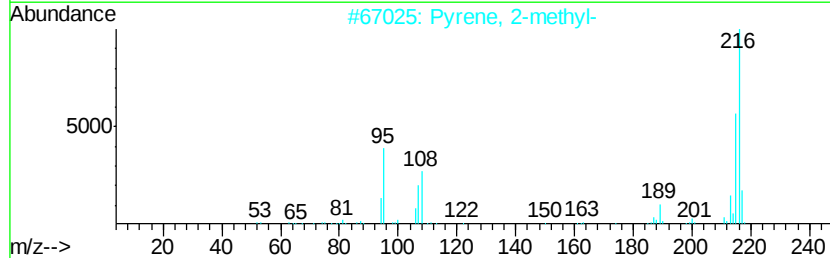
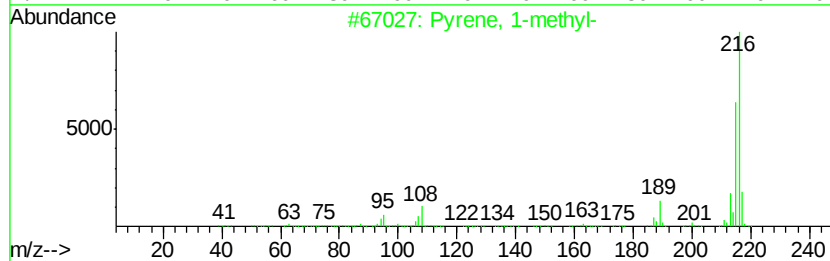
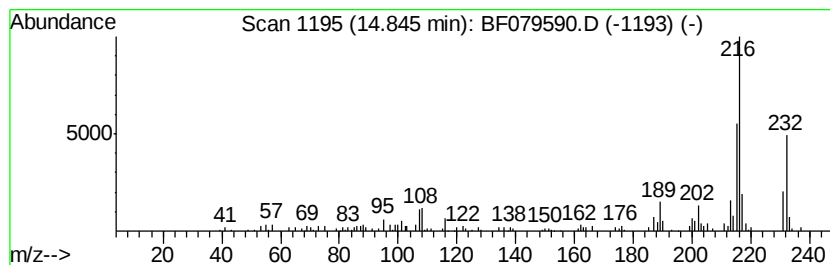
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.85	2.43 ng	124010	Chrysene-d12	15.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46



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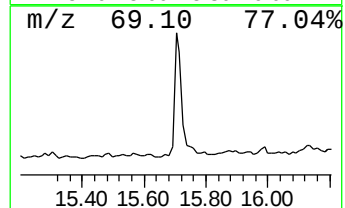
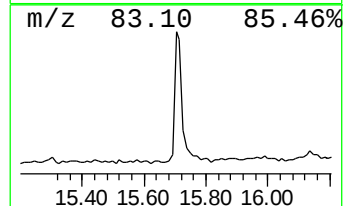
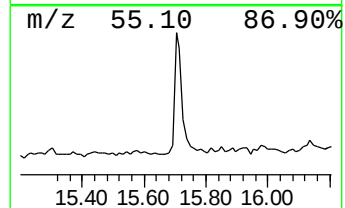
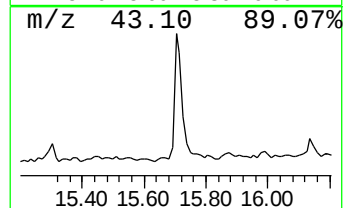
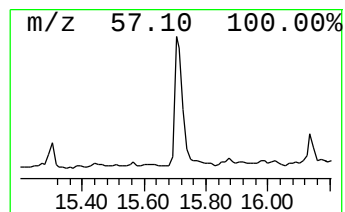
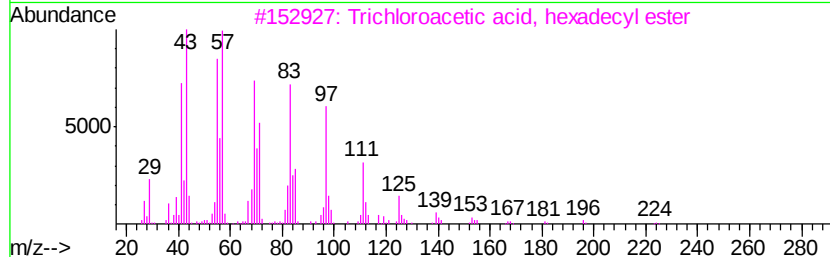
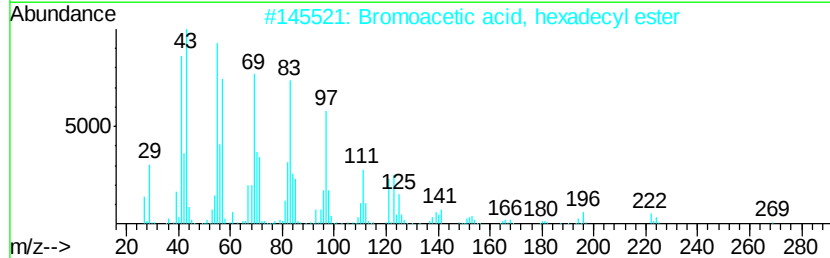
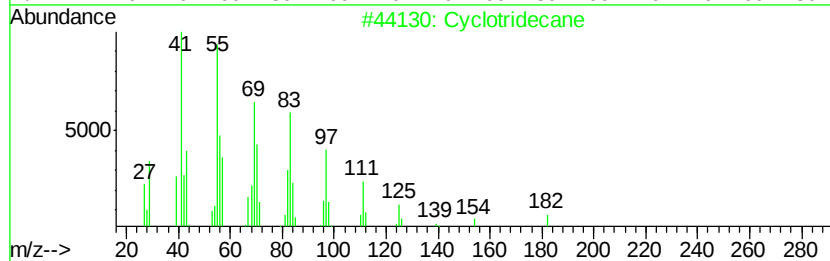
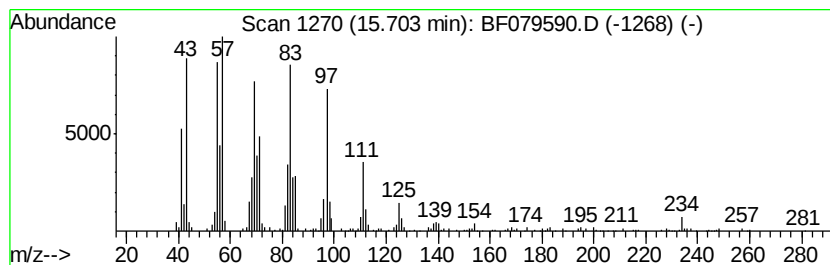
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclotridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.70	8.68 ng	443686	Chrysene-d12	15.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotridecane	182	C13H26	000295-02-3	95
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079590.D
Acq On : 30 May 2015 7:34
Operator : TP/IZ
Sample : G2416-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONNECTORRD-TE1.1(5)

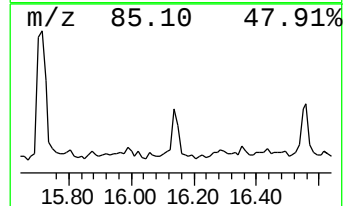
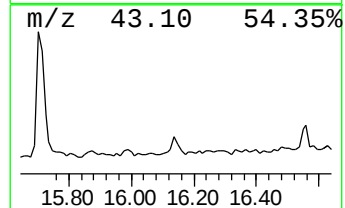
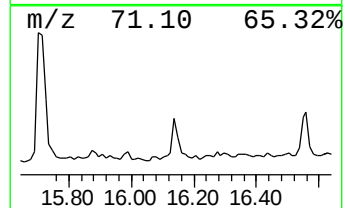
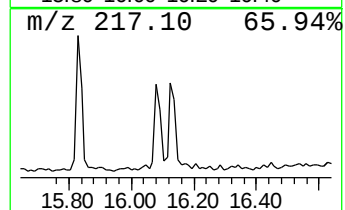
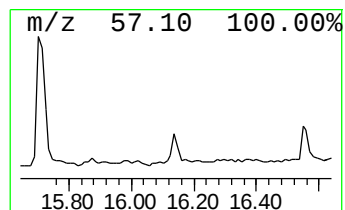
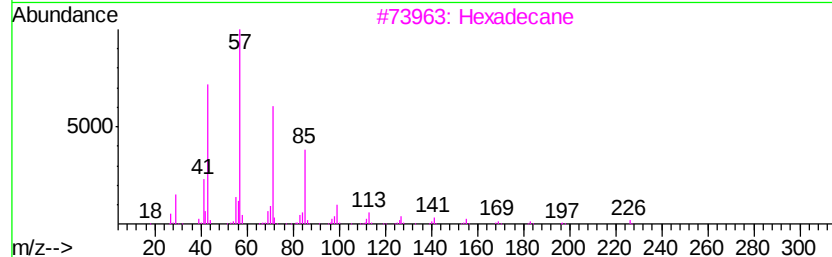
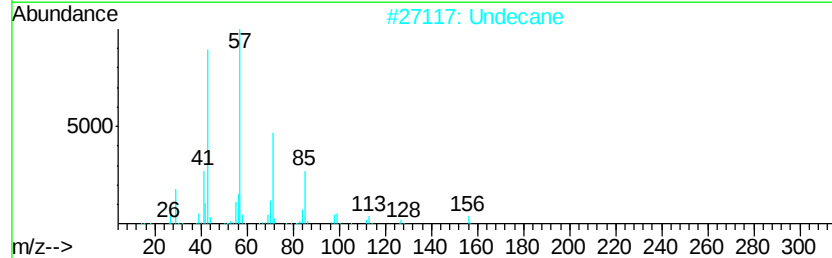
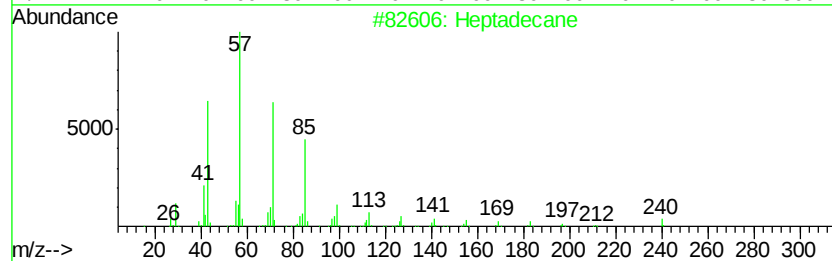
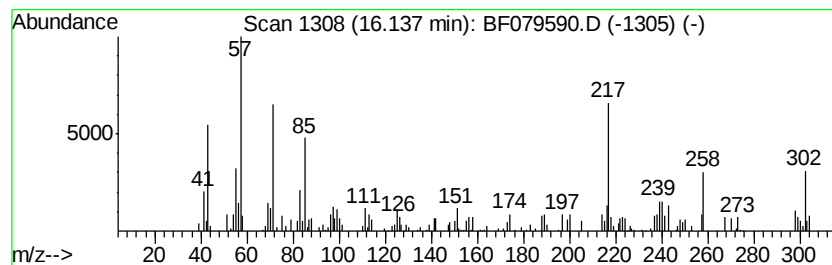
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.16 ng	110390	Chrysene-d12	15.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	46
2		Undecane	156	C11H24	001120-21-4	42
3		Hexadecane	226	C16H34	000544-76-3	38
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	30
5		Heptacosane	380	C27H56	000593-49-7	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079590.D
Acq On : 30 May 2015 7:34
Operator : TP/IZ
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Instrument :
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ClientSampleId :
CONNECTORRD-TE1.1(5)

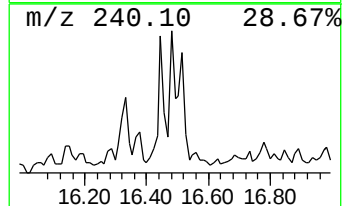
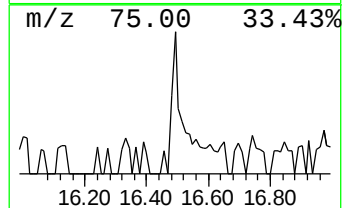
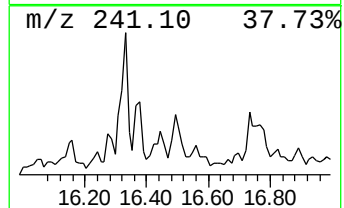
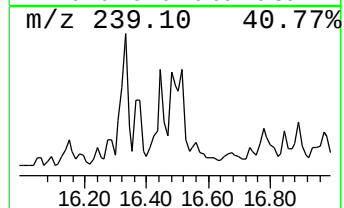
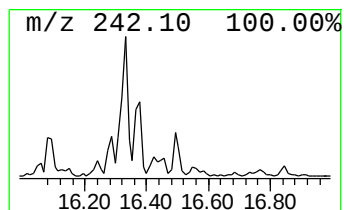
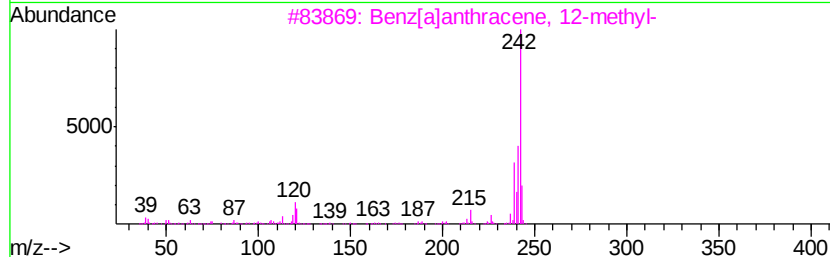
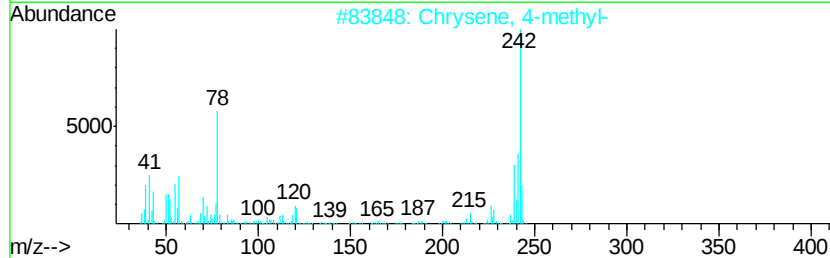
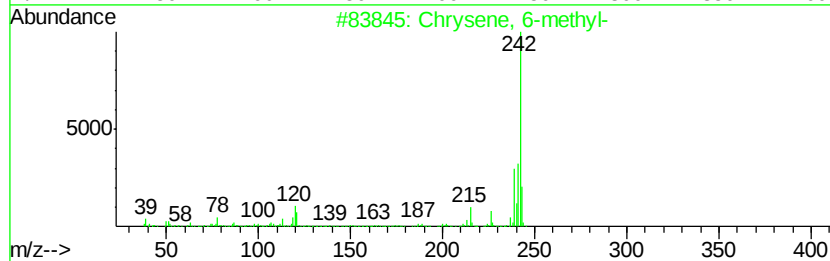
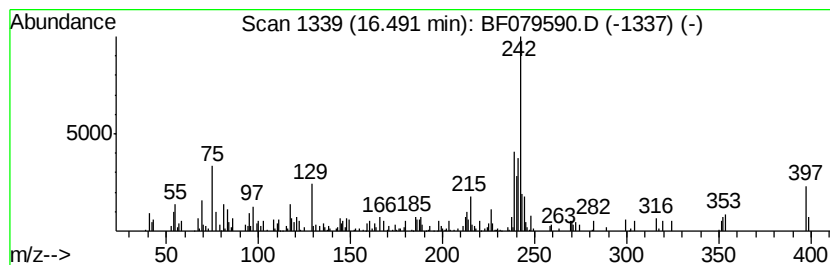
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Chrysene, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.04 ng	103994	Chrysene-d12	15.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 6-methyl-	242	C19H14	003697-24-3	90
2		Chrysene, 4-methyl-	242	C19H14	003351-30-2	55
3		Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	50
4		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	50
5		Chrysene, 6-methyl-	242	C19H14	001705-85-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079590.D
Acq On : 30 May 2015 7:34
Operator : TP/IZ
Sample : G2416-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONNECTORRD-TE1.1(5)

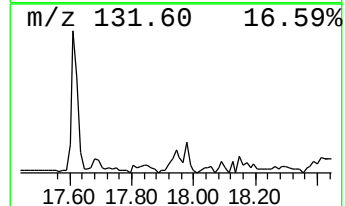
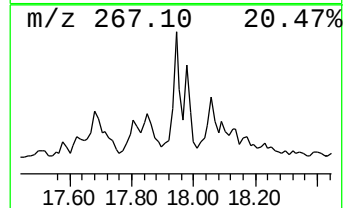
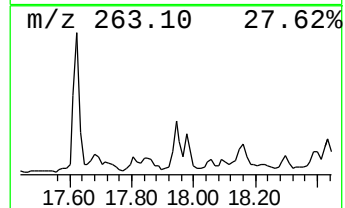
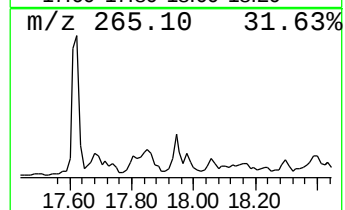
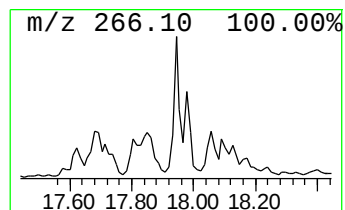
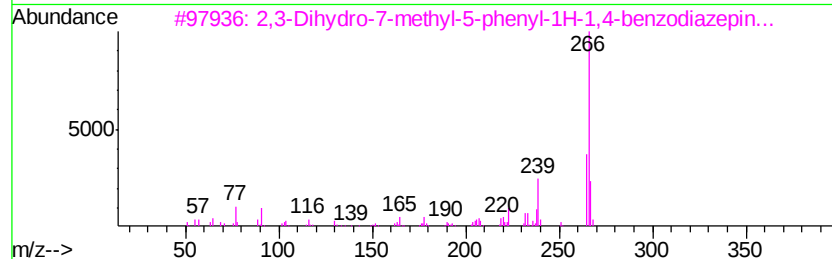
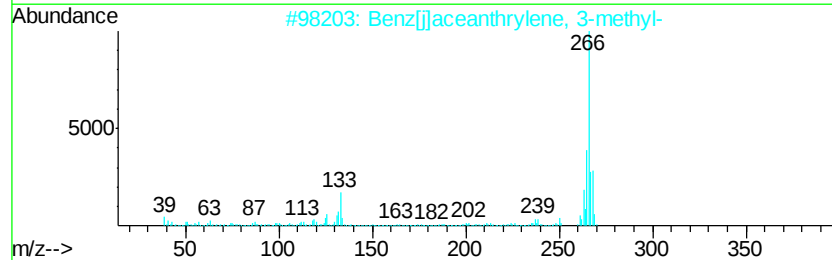
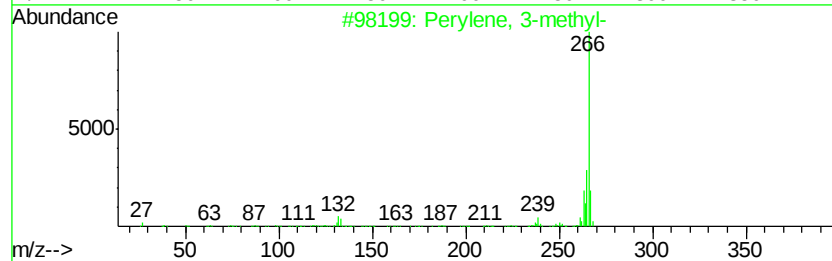
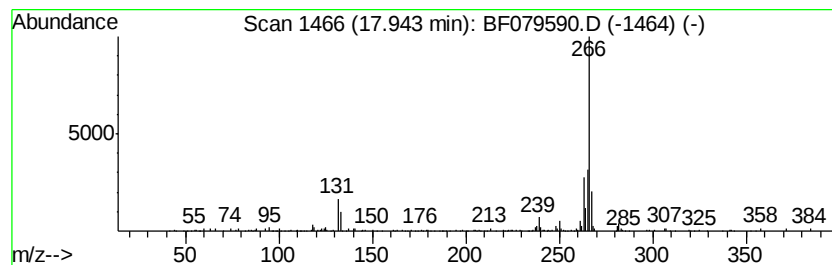
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Perylene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.80 ng	96596	Perylene-d12	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene, 3-methyl-	266	C21H14	024471-47-4	89
2		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	86
3		2,3-Dihydro-7-methyl-5-phenyl-1H...	266	C16H14N2S	002888-60-0	64
4		2-Isoxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	60
5		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079590.D
Acq On : 30 May 2015 7:34
Operator : TP/IZ
Sample : G2416-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONNECTORRD-TE1.1(5)

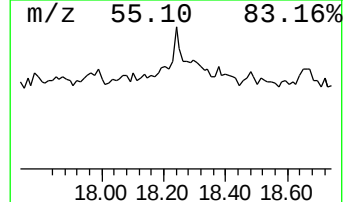
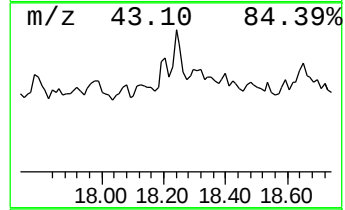
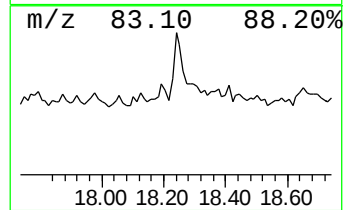
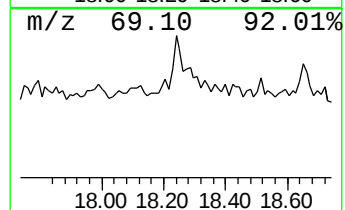
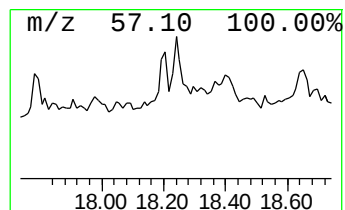
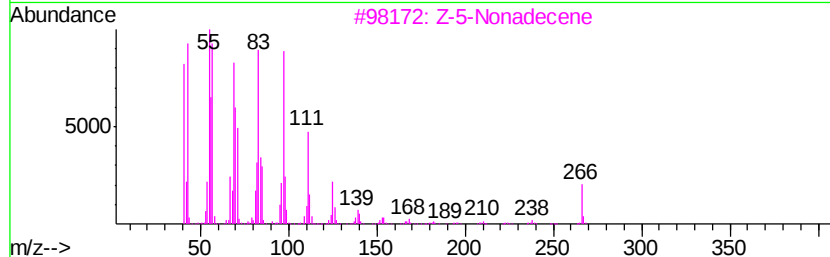
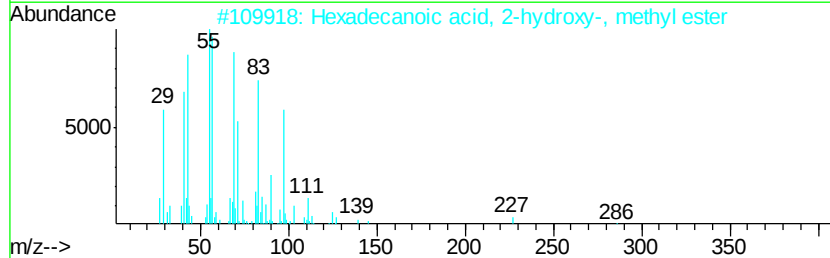
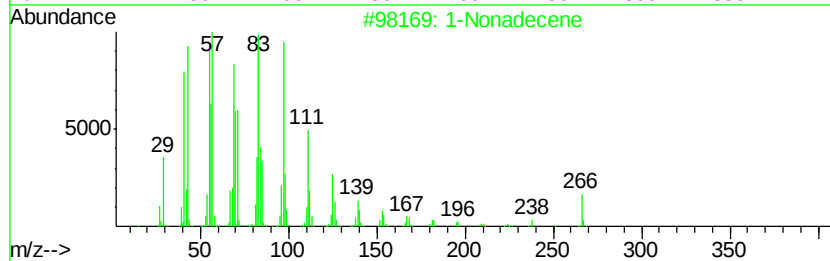
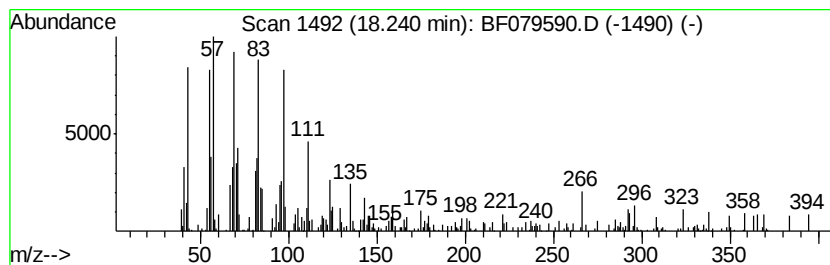
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.42 ng	83387	Perylene-d12	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	91
2			Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	86
3			Z-5-Nonadecene	266	C19H38	1000131-11-8	83
4			1-Pentadecene	210	C15H30	013360-61-7	76
5			Cyclotetradecane	196	C14H28	000295-17-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079590.D
Acq On : 30 May 2015 7:34
Operator : TP/IZ
Sample : G2416-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONNECTORRD-TE1.1(5)

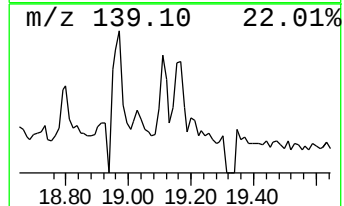
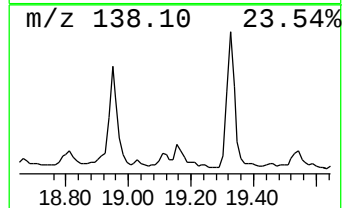
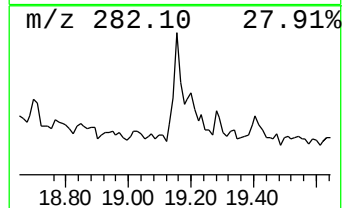
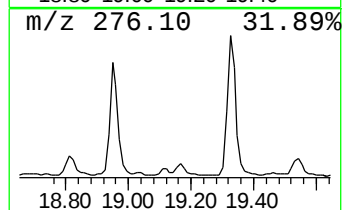
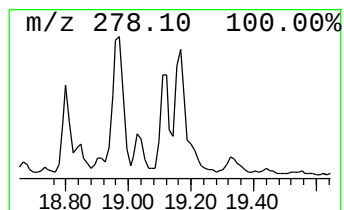
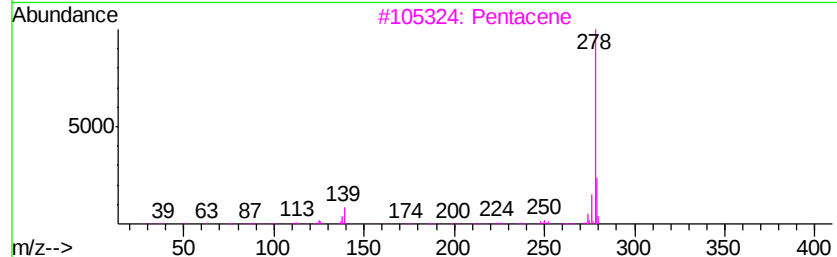
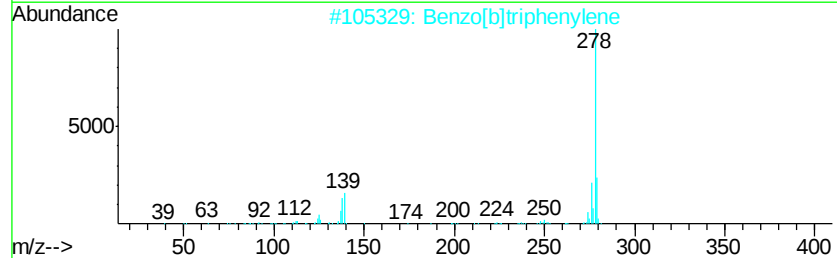
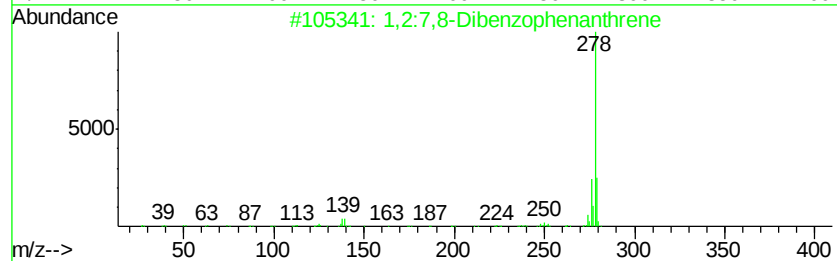
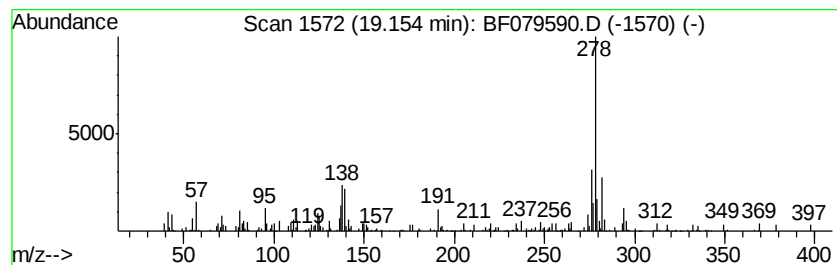
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2:7,8-Dibenzophenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.63 ng	90758	Perylene-d12	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	64
3			Pentacene	278	C22H14	000135-48-8	49
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	49
5			Dibenzo[b,h][1,6]naphthyridine, ...	278	C17H11ClN2	004240-91-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079590.D
 Acq On : 30 May 2015 7:34
 Operator : TP/IZ
 Sample : G2416-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.66	5.5	ng	117531	1	6.95	428886	20.0
unknown6.66	6.66	92.1	ng	1974640	1	6.95	428886	20.0
4H-Cyclopenta[def...	13.28	7.0	ng	208996	4	12.53	598719	20.0
Pyrene, 1-methyl-	14.85	2.4	ng	124010	5	15.82	1021740	20.0
Cyclotridecane	15.70	8.7	ng	443686	5	15.82	1021740	20.0
Heptadecane	16.14	2.2	ng	110390	5	15.82	1021740	20.0
Chrysene, 6-methyl-	16.49	2.0	ng	103994	5	15.82	1021740	20.0
Perylene, 3-methyl-	17.94	2.8	ng	96596	6	17.62	690015	20.0
1-Nonadecene	18.24	2.4	ng	83387	6	17.62	690015	20.0
1,2:7,8-Dibenzoph...	19.15	2.6	ng	90758	6	17.62	690015	20.0