

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002385.D
 Acq On : 13 Aug 2015 05:50
 Operator : UM/IZ
 Sample : G3194-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D86

Manual Integrations
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Quant Time: Aug 13 06:57:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	183077	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	798707	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	386073	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.20	188	665357	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	460394	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	457391	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	667040	16.68	ng/ul	0.00
10) Fluorene-d10	16.46	176	429092	15.43	ng/ul	0.00
14) Anthracene-d10	18.29	188	546803	16.94	ng/ul	0.00
18) Pyrene-d10	20.51	212	438451	19.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	379717	15.64	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.24	178	146521	3.83	ng/ul	99
16) Fluoranthene	20.18	202	271557	6.40	ng/ul	99
19) Pyrene	20.54	202	231057	7.76	ng/ul	97
20) Benzo(a)anthracene	22.27	228	224674	7.99	ng/ul	98
21) Chrysene	22.33	228	294086	11.04	ng/ul	98
23) Benzo(b)fluoranthene	24.15	252	730171	25.68	ng/ul	100
24) Benzo(k)fluoranthene	24.20	252	191652m	7.02	ng/ul	
26) Benzo(a)pyrene	24.86	252	366652	13.48	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.84	276	490627	15.73	ng/ul	92
28) Dibenzo(a,h)anthracene	27.83	278	161122	6.10	ng/ul#	94
29) Benzo(g,h,i)perylene	28.73	276	486723	18.50	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

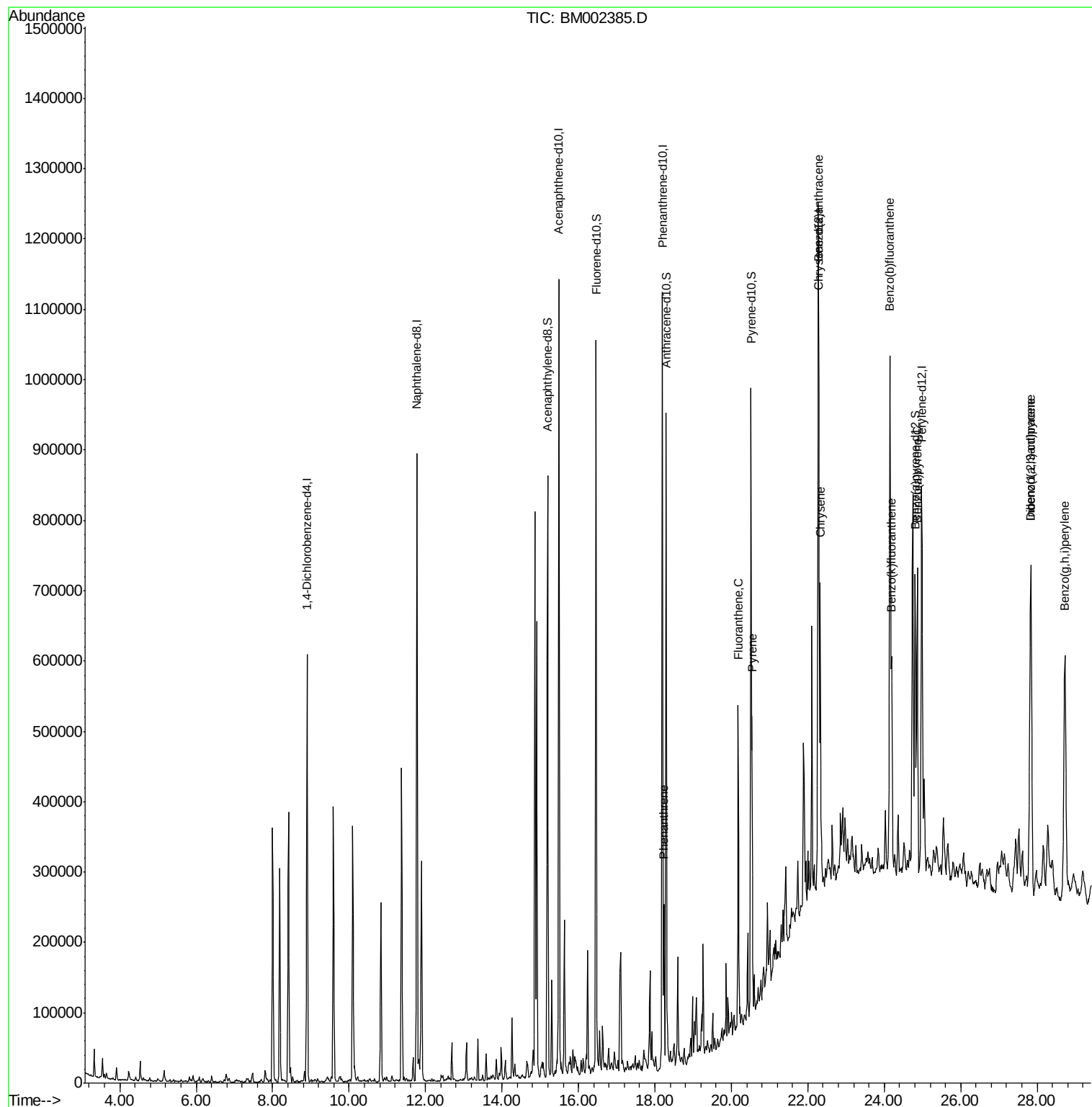
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002385.D
Acq On : 13 Aug 2015 05:50
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ALS Vial : 31 Sample Multiplier: 1

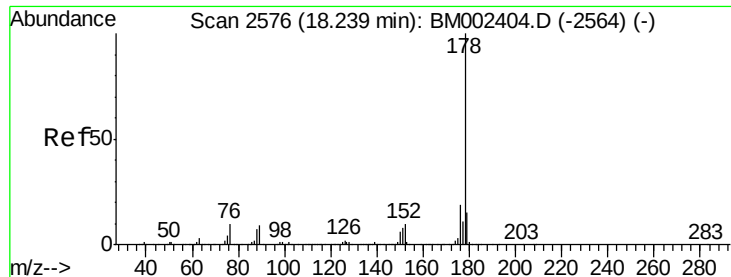
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Quant Time: Aug 13 06:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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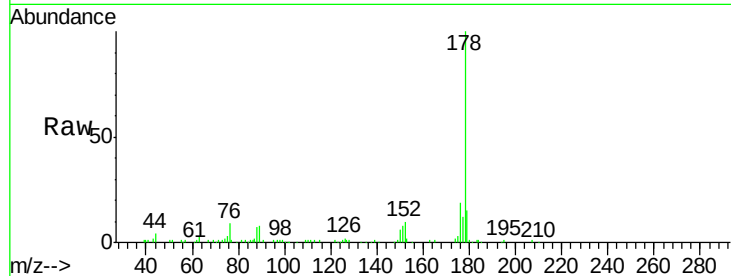
#13
Phenanthrene
Concen: 3.83 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Instrument :
BNA_M
ClientSampleId :
D9D86

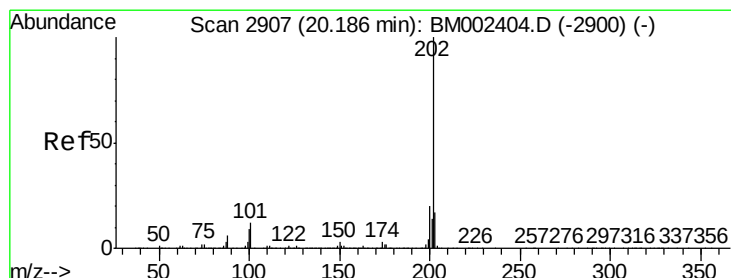
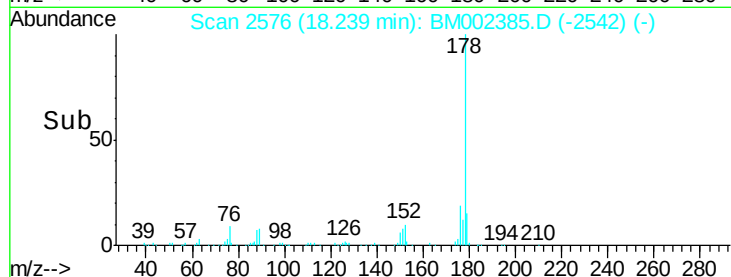
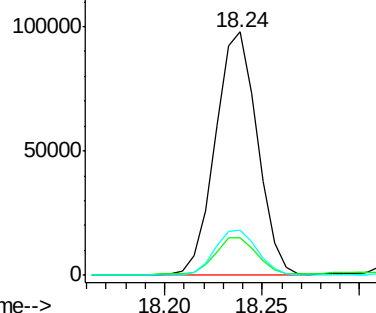
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178	100	146521		
179	15.4	12.3	18.5	
176	18.5	15.3	22.9	

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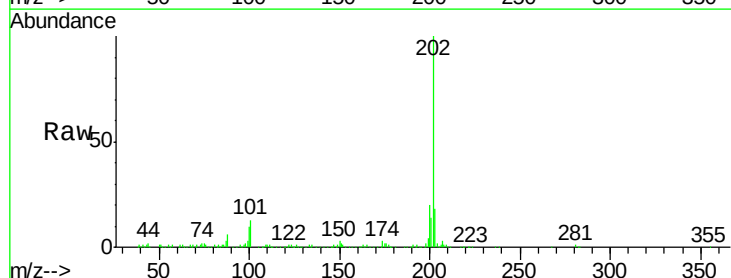


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

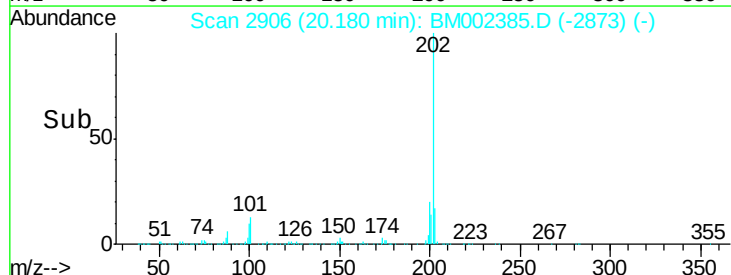
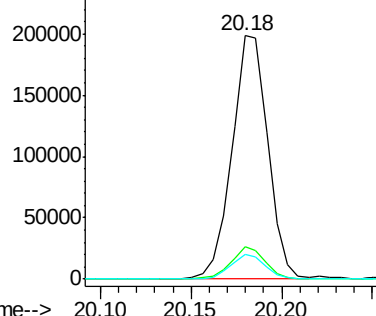


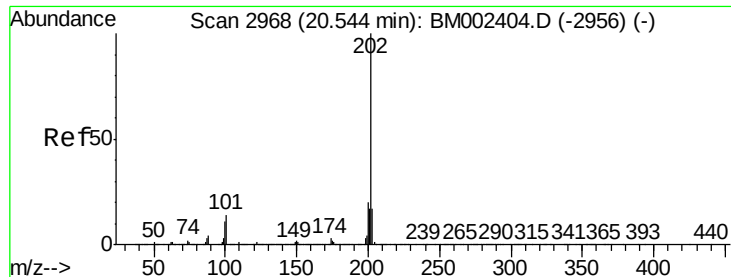
#16
Fluoranthene
Concen: 6.40 ng/ul
RT: 20.18 min Scan# 2906
Delta R.T. -0.01 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	271557		
101	13.5	10.6	15.8	
100	9.9	8.2	12.4	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





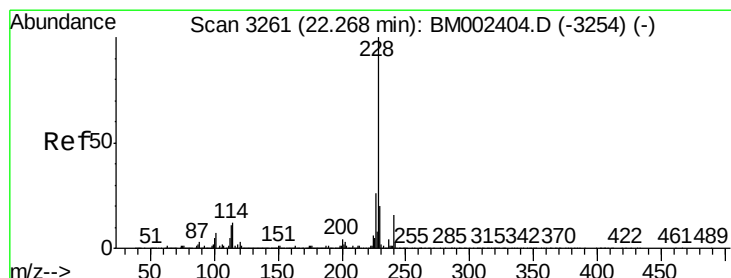
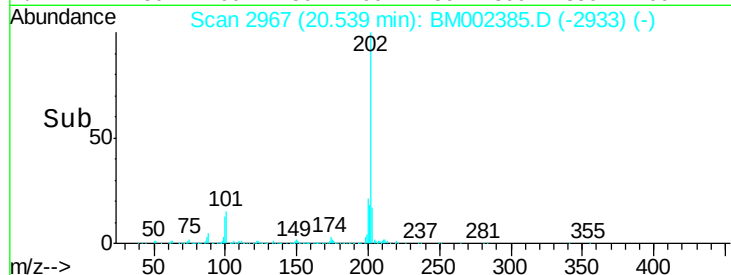
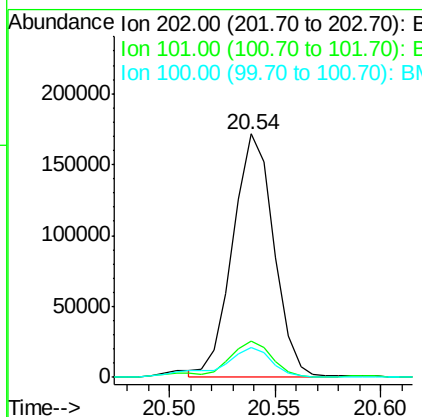
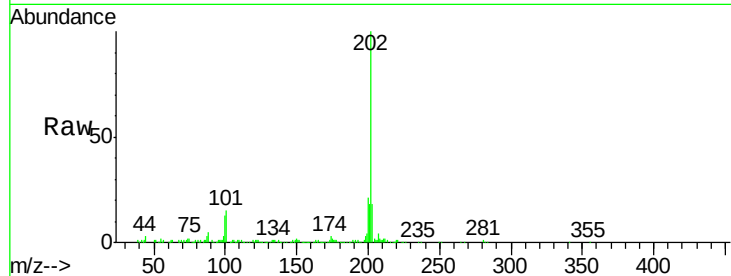
#19
Pyrene
Concen: 7.76 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Instrument :
BNA_M
ClientSampleId :
D9D86

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	231057		
101	15.1	13.0	19.6	
100	12.5	11.0	16.4	

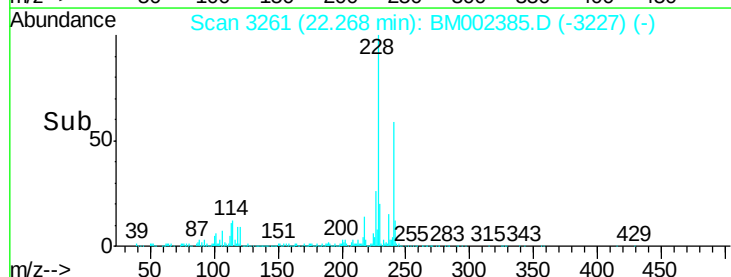
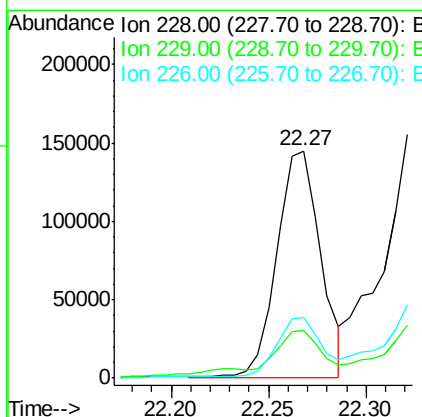
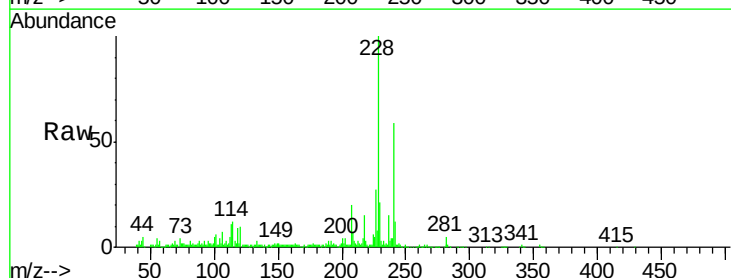
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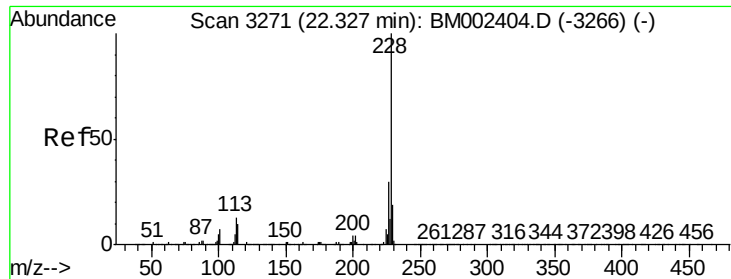
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#20
Benzo(a)anthracene
Concen: 7.99 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	224674		
229	21.0	15.7	23.5	
226	26.5	21.4	32.0	





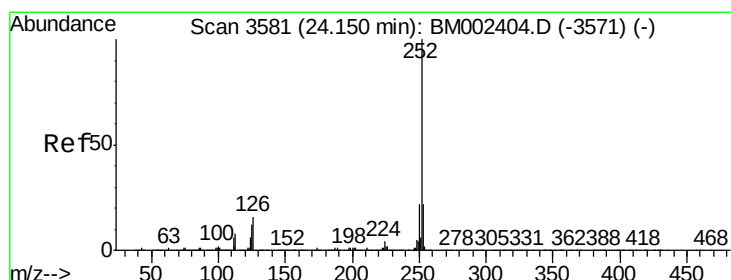
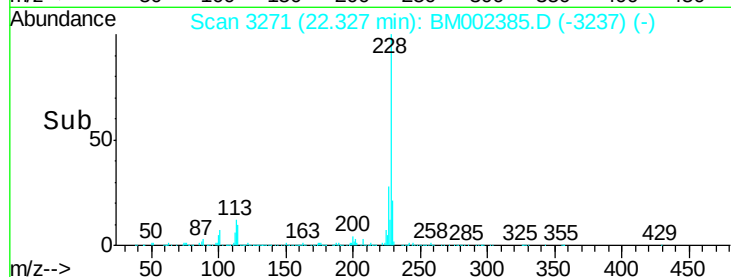
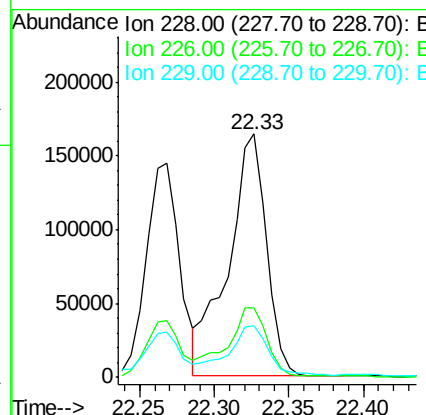
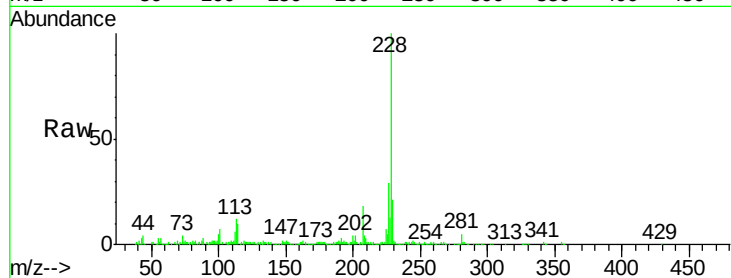
#21
 Chrysene
 Concen: 11.04 ng/ul
 RT: 22.33 min Scan# 3271
 Delta R.T. -0.00 min
 Lab File: BM002385.D
 Acq: 13 Aug 2015 05:50

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	294086		
226	28.7	23.4	35.0	
229	21.5	15.5	23.3	

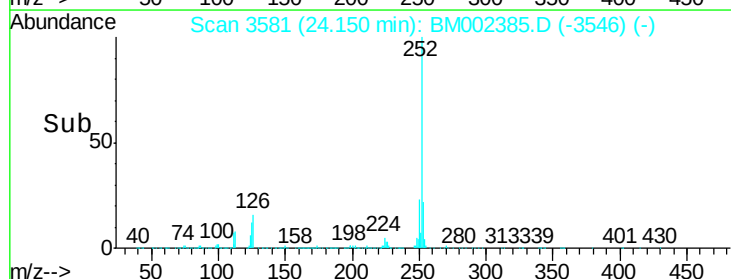
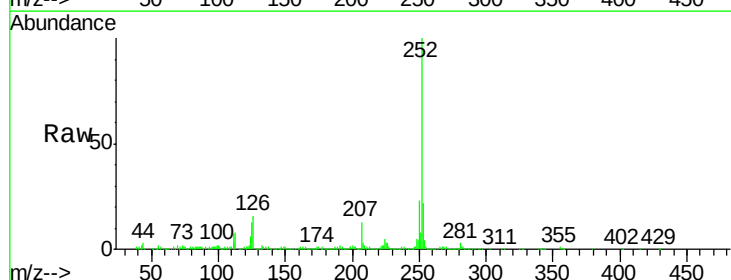
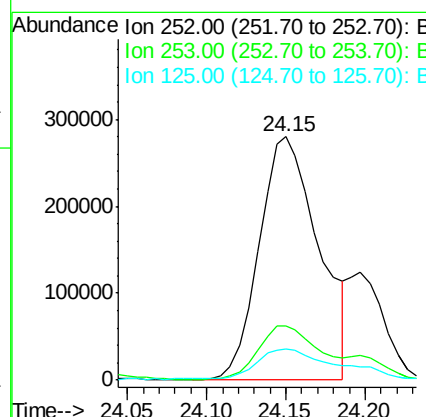
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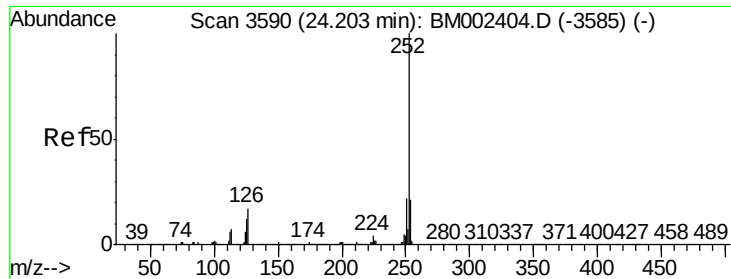
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#23
 Benzo(b)fluoranthene
 Concen: 25.68 ng/ul
 RT: 24.15 min Scan# 3581
 Delta R.T. 0.01 min
 Lab File: BM002385.D
 Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	730171		
253	22.2	17.9	26.9	
125	12.7	10.3	15.5	





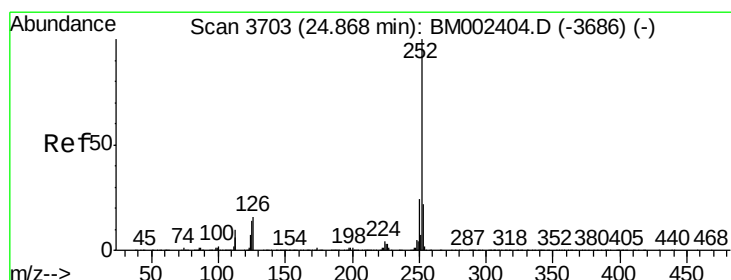
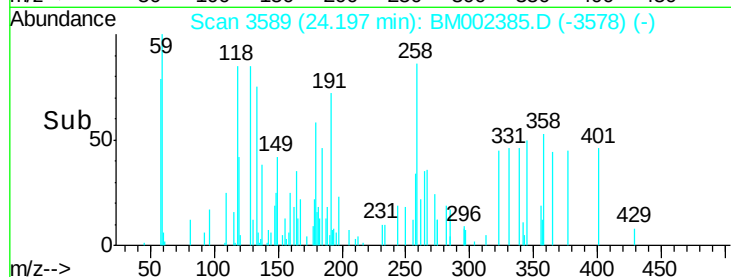
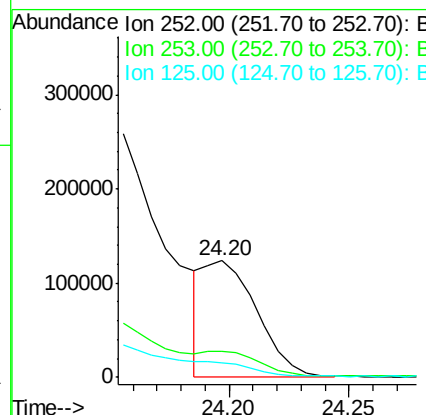
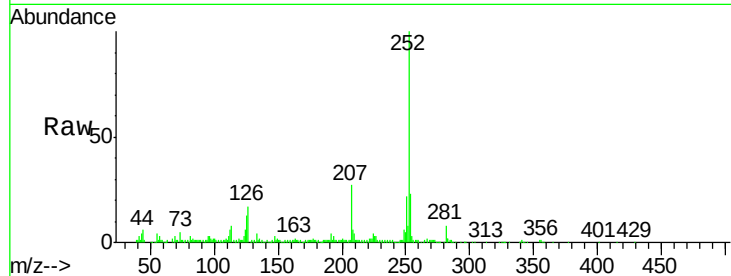
#24
Benzo(k)fluoranthene
Concen: 7.02 ng/ul m
RT: 24.20 min Scan# 3589
Delta R.T. -0.01 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Instrument :
BNA_M
ClientSampleId :
D9D86

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	12.9	10.2	15.4

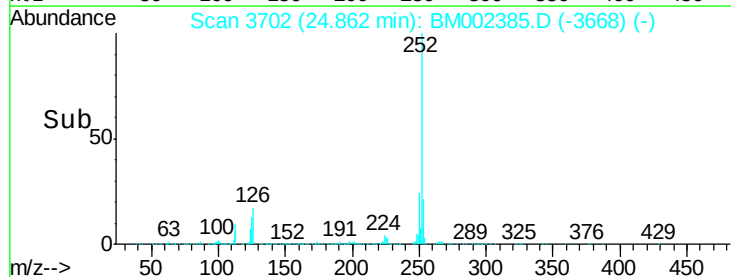
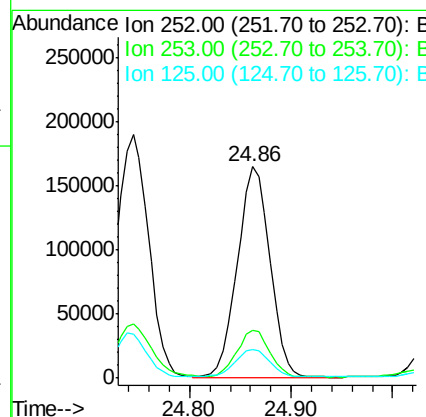
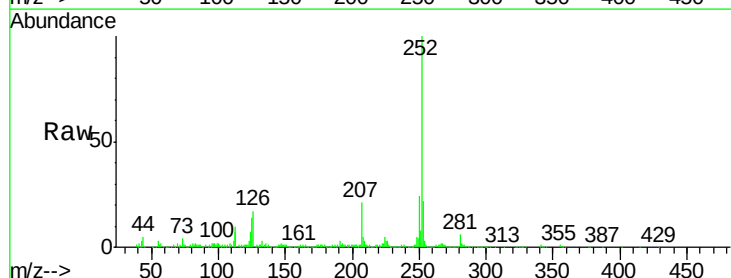
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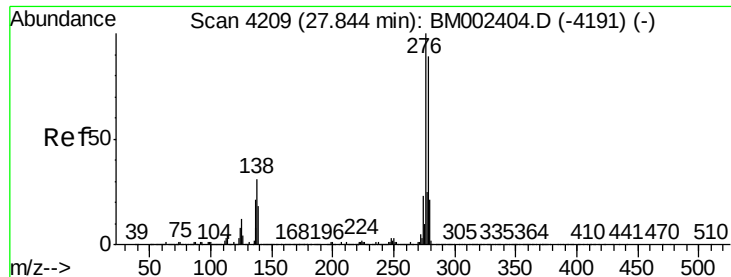
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#26
Benzo(a)pyrene
Concen: 13.48 ng/ul
RT: 24.86 min Scan# 3702
Delta R.T. -0.00 min
Lab File: BM002385.D
Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	13.8	11.0	16.6





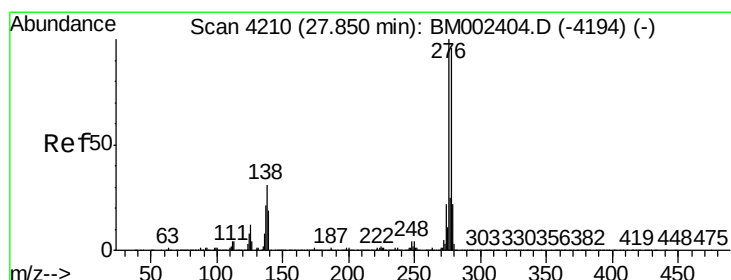
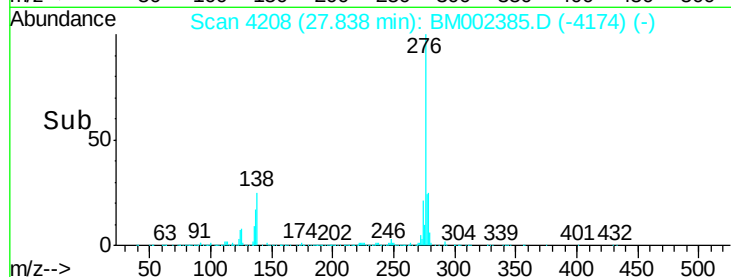
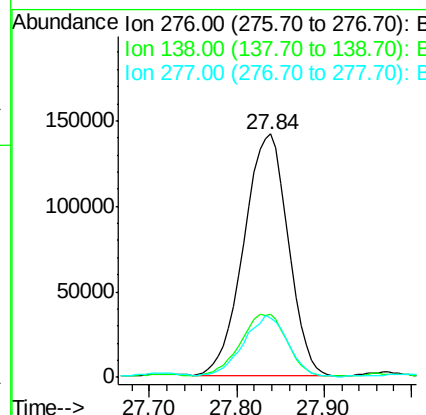
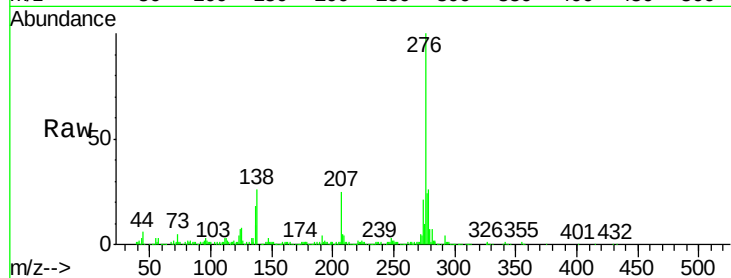
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 15.73 ng/ul
 RT: 27.84 min Scan# 4208
 Delta R.T. -0.00 min
 Lab File: BM002385.D
 Acq: 13 Aug 2015 05:50

Instrument :
 BNA_M
 ClientSampleId :
 D9D86

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	490627		
138	25.7	25.6	38.4	
277	24.5	21.0	31.4	

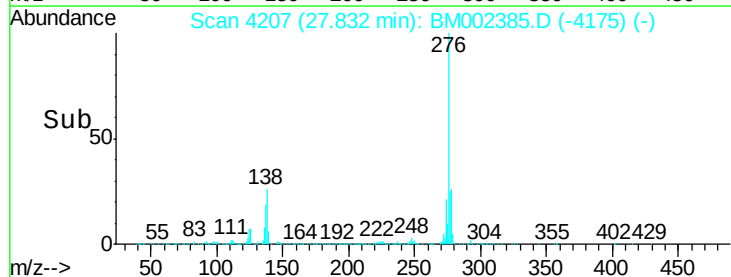
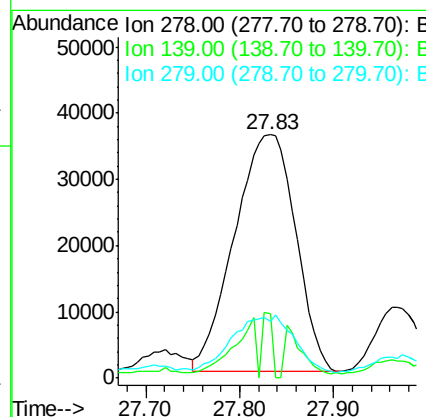
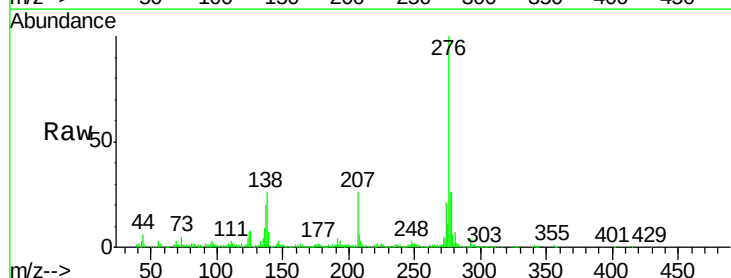
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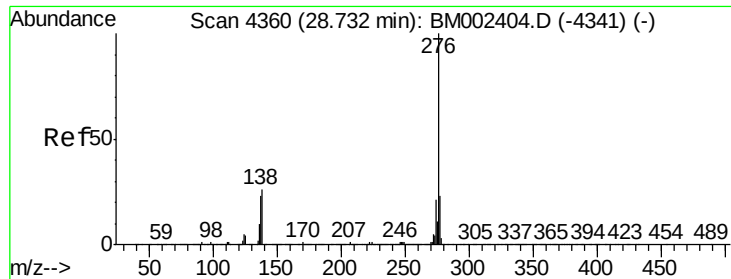
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#28
 Dibenzo(a,h)anthracene
 Concen: 6.10 ng/ul
 RT: 27.83 min Scan# 4207
 Delta R.T. -0.01 min
 Lab File: BM002385.D
 Acq: 13 Aug 2015 05:50

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	161122		
139	26.3	16.4	24.6#	
279	23.5	18.8	28.2	





#29

Benzo(g,h,i)perylene

Concen: 18.50 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BM002385.D

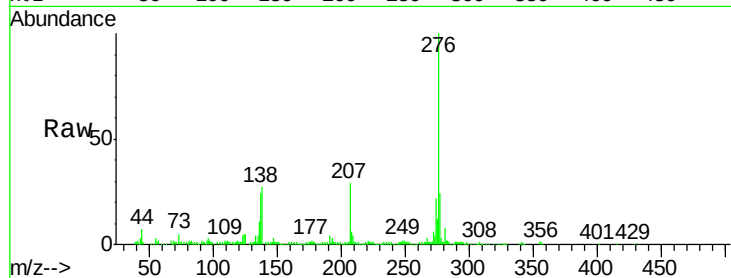
Acq: 13 Aug 2015 05:50

Instrument :

BNA_M

ClientSampleId :

D9D86



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.5	30.7
277	23.6	19.0	28.6

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