

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
 Data File : BM002567.D
 Acq On : 29 Aug 2015 16:41
 Operator : UM/IZ
 Sample : G3455-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E75

Manual Integrations
 APPROVED

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 8/31/2015 1:50:43 PM

Quant Time: Aug 31 01:20:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 01:07:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	146000	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	628054	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	276902	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	480930	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	442595	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	455840	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	415678	14.68	ng/ul	0.00
10) Fluorene-d10	16.33	176	255301	12.84	ng/ul	0.00
14) Anthracene-d10	18.17	188	335706	14.47	ng/ul	0.00
18) Pyrene-d10	20.39	212	272066	13.87	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	254573	10.63	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	179559	6.47	ng/ul	Qvalue 99
15) Anthracene	18.20	178	32007	1.14	ng/ul	99
16) Fluoranthene	20.06	202	466224	14.83	ng/ul	97
19) Pyrene	20.42	202	394536	15.22	ng/ul	98
20) Benzo(a)anthracene	22.14	228	210862	7.97	ng/ul	99
21) Chrysene	22.19	228	222453	8.99	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	348393	12.64	ng/ul	98
24) Benzo(k)fluoranthene	24.01	252	99046m	3.79	ng/ul	
26) Benzo(a)pyrene	24.66	252	222086	8.44	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.53	276	183665	6.07	ng/ul	95
28) Dibenzo(a,h)anthracene	27.53	278	44068	1.74	ng/ul#	77
29) Benzo(g,h,i)perylene	28.39	276	180510	7.16	ng/ul	97

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

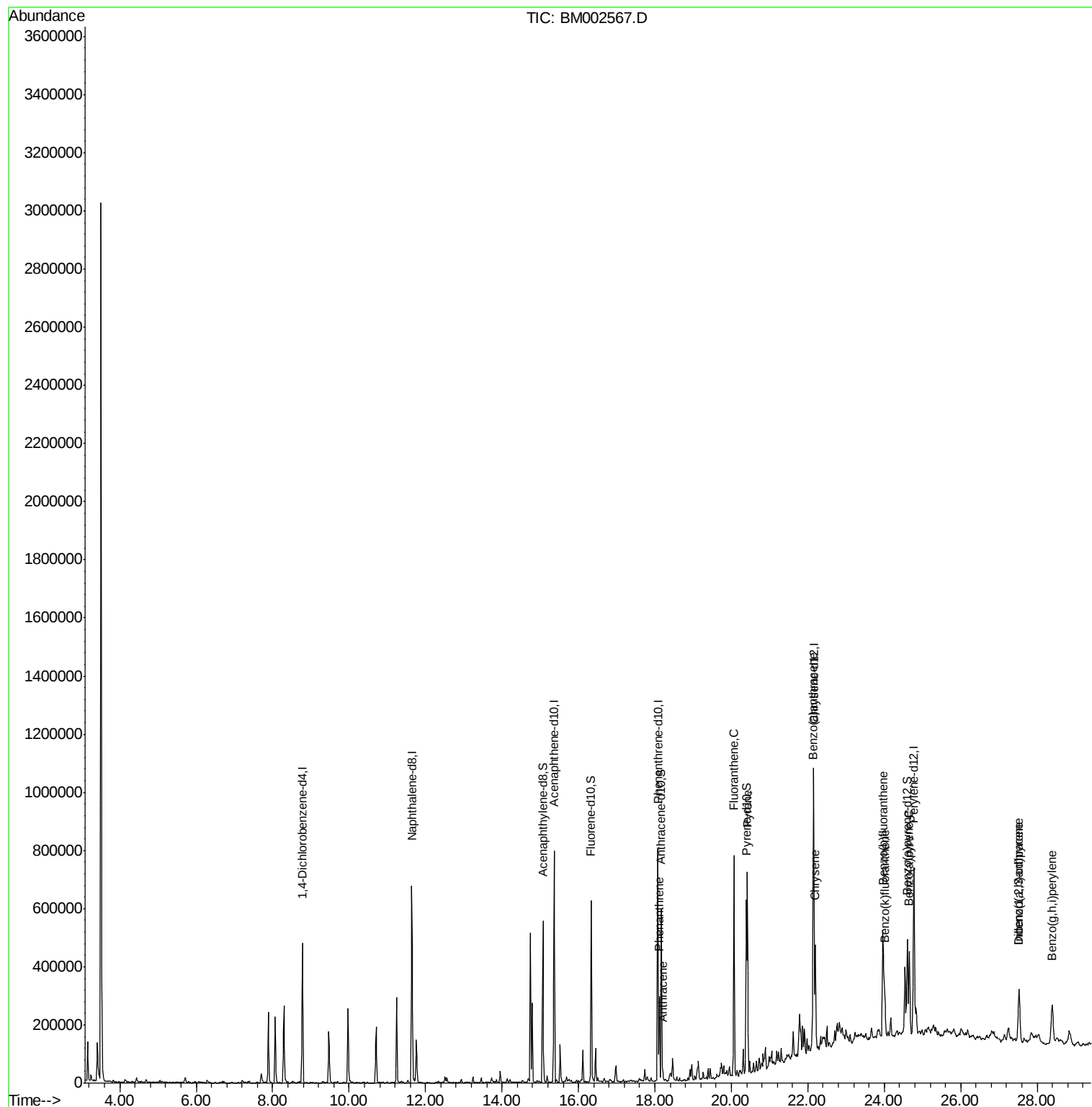
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
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ALS Vial : 9 Sample Multiplier: 1

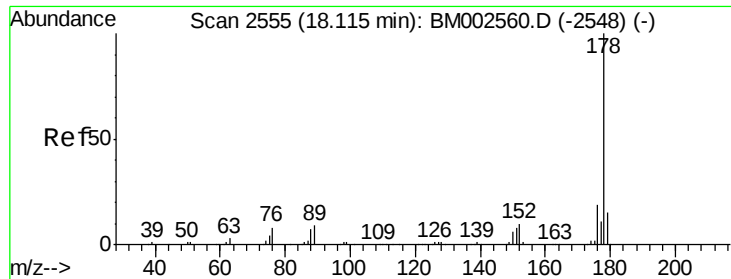
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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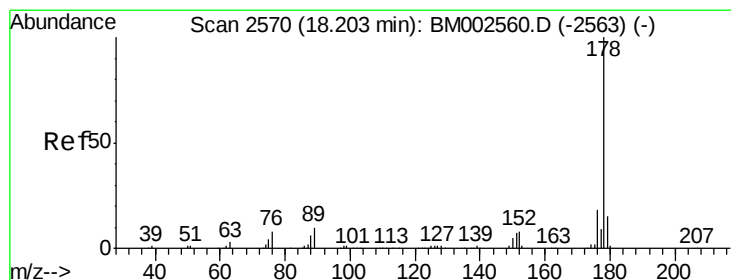
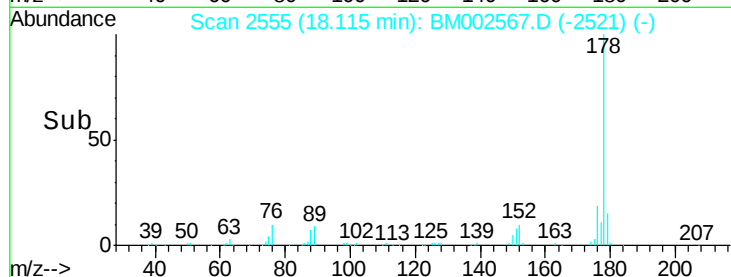
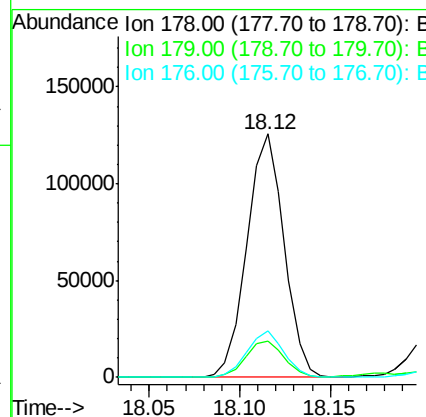
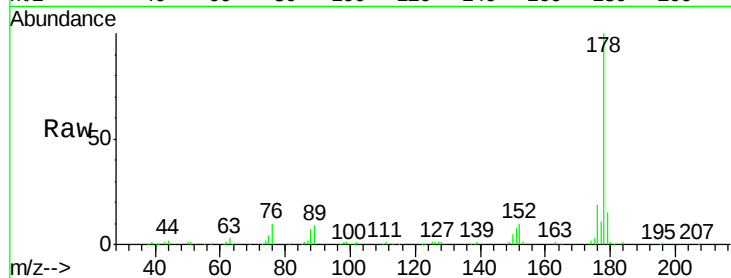
#13
Phenanthrene
Concen: 6.47 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Instrument :
BNA_M
ClientSampleId :
D9E75

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	179559		
179	15.1		12.4	18.6
176	19.0		15.1	22.7

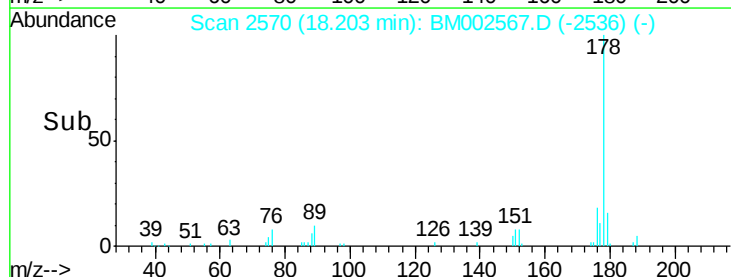
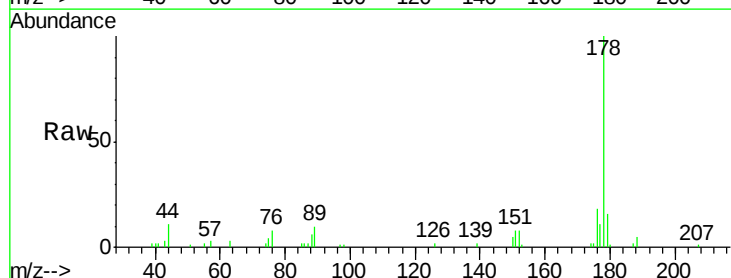
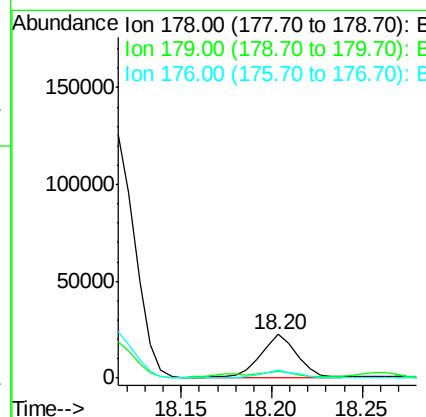
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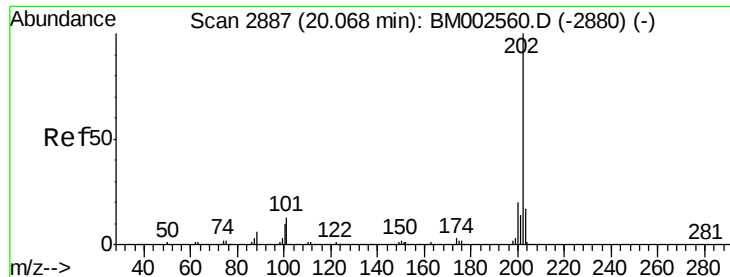
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#15
Anthracene
Concen: 1.14 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. -0.00 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	32007		
179	16.1		12.6	18.8
176	17.6		14.5	21.7





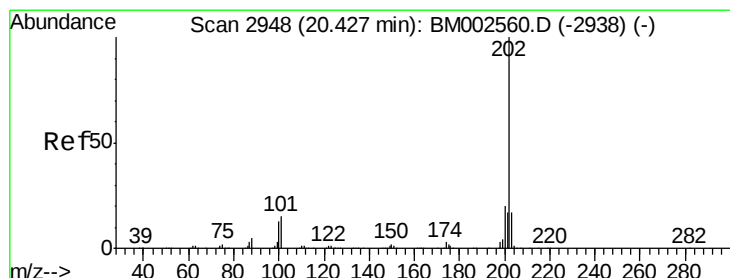
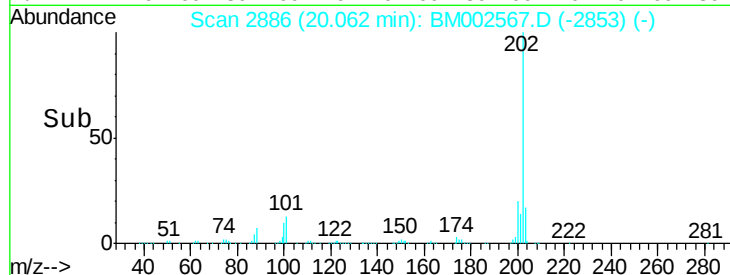
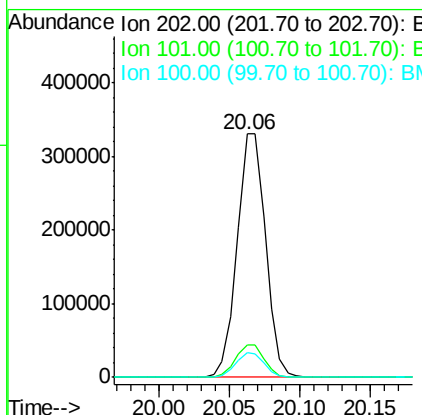
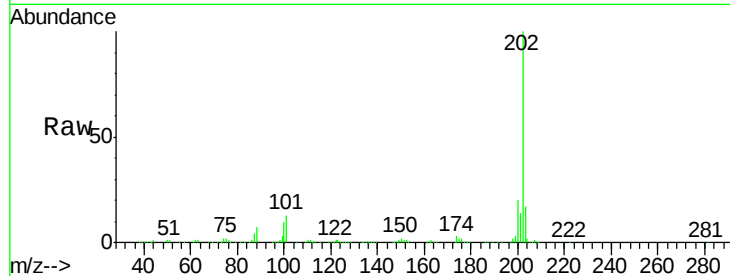
#16
Fluoranthene
Concen: 14.83 ng/ul
RT: 20.06 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Instrument :
BNA_M
ClientSampleId :
D9E75

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	466224		
101	13.5	9.7	14.5	
100	10.4	7.4	11.2	

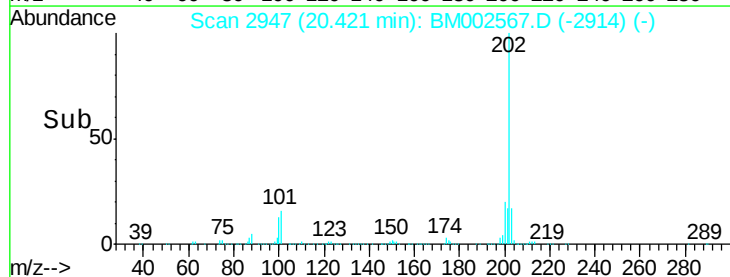
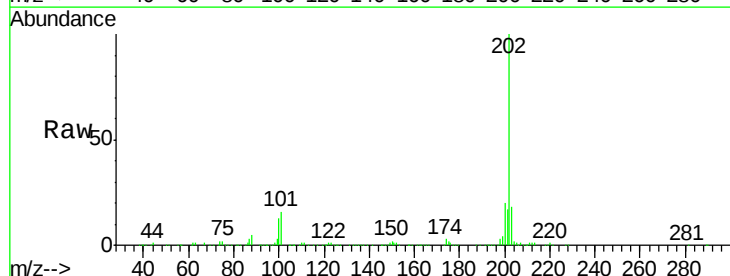
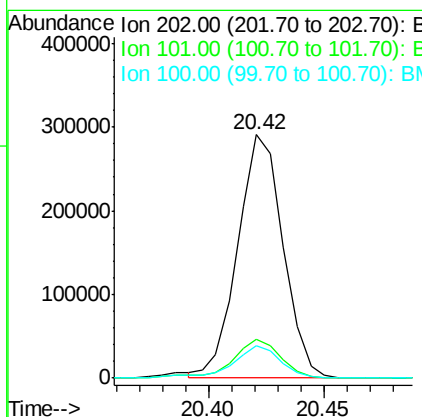
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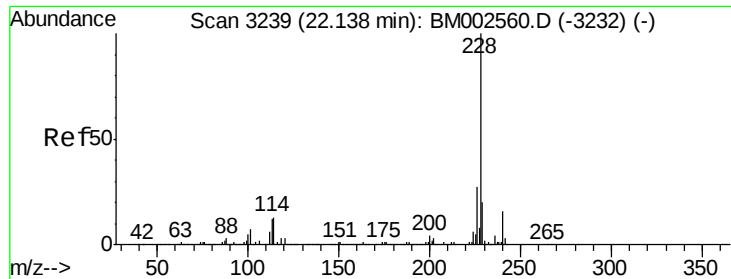
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#19
Pyrene
Concen: 15.22 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	394536		
101	16.0	12.0	18.0	
100	13.1	9.7	14.5	





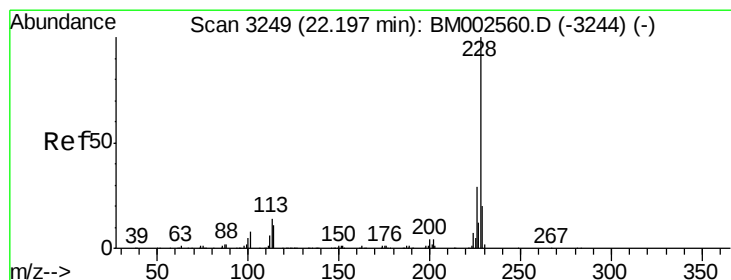
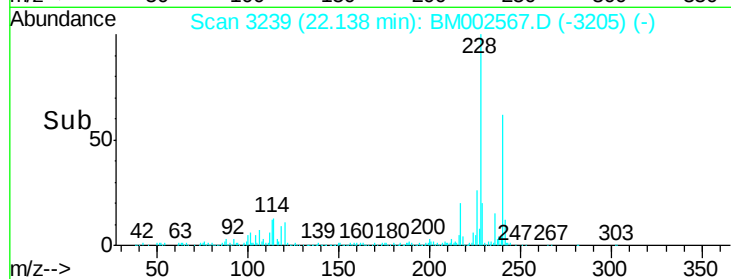
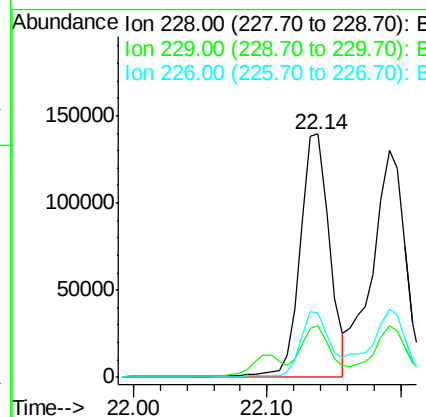
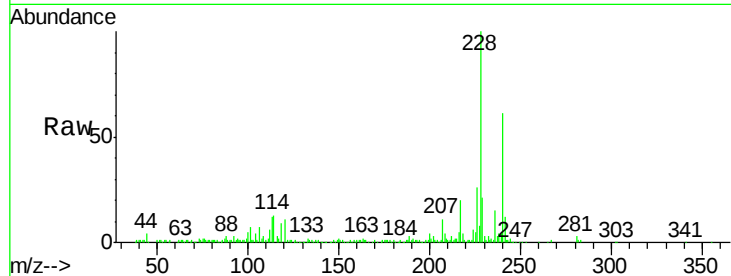
#20
Benzo(a)anthracene
Concen: 7.97 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Instrument :
BNA_M
ClientSampleId :
D9E75

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	210862		
229	21.0	15.8	23.6	
226	26.5	21.1	31.7	

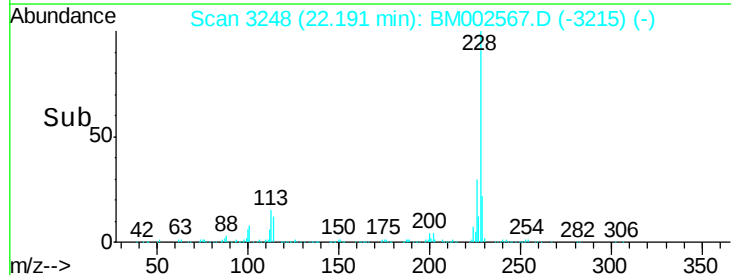
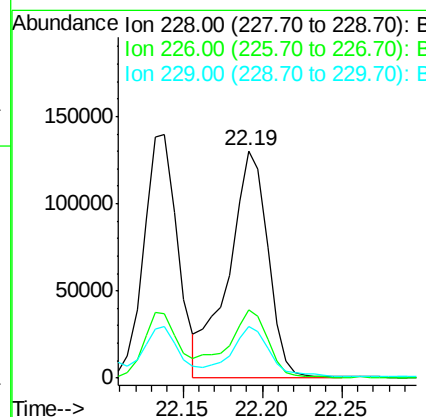
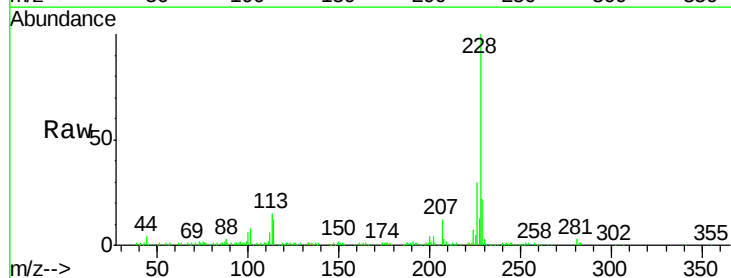
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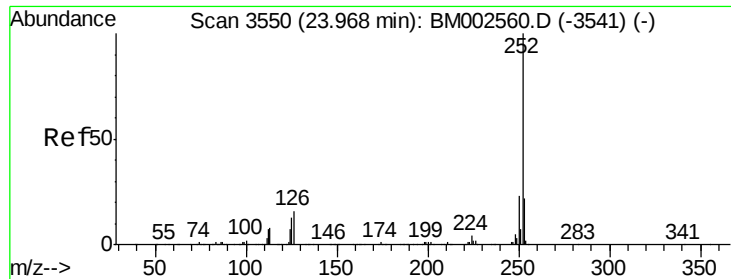
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#21
Chrysene
Concen: 8.99 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	222453		
226	30.2	23.4	35.2	
229	22.5	15.7	23.5	





#23

Benzo(b)fluoranthene

Concen: 12.64 ng/ul

RT: 23.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM002567.D

Acq: 29 Aug 2015 16:41

Instrument :

BNA_M

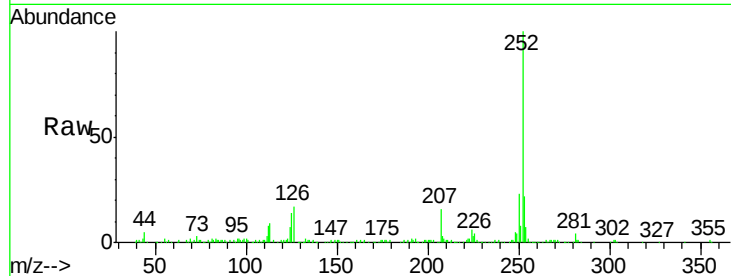
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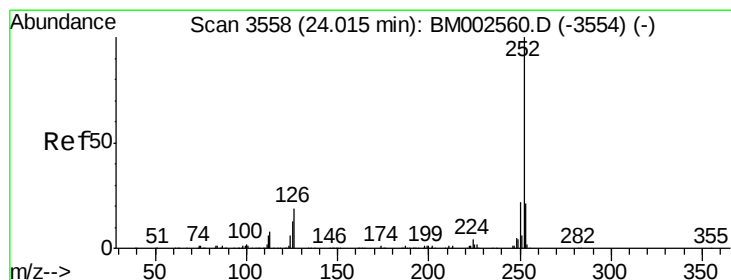
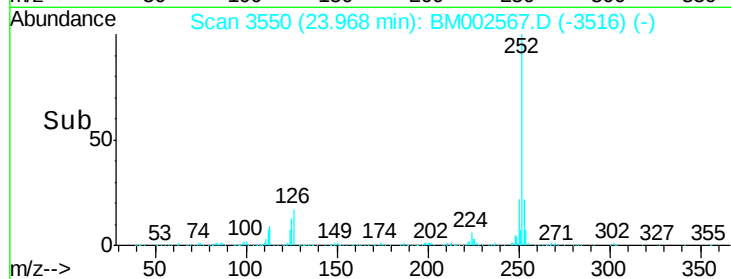
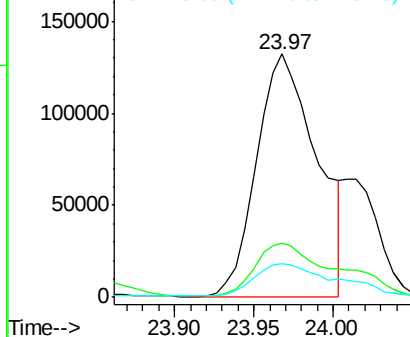
Tgt Ion:	252	Resp:	348393
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	13.9	10.0	15.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 3.79 ng/ul m

RT: 24.01 min Scan# 3558

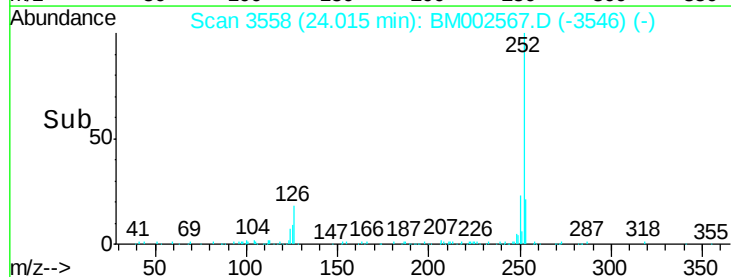
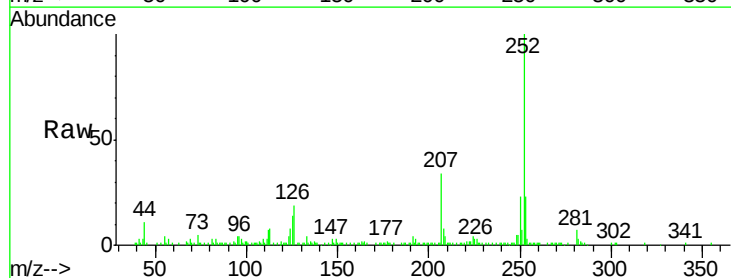
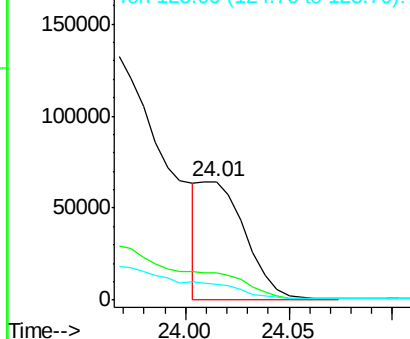
Delta R.T. -0.00 min

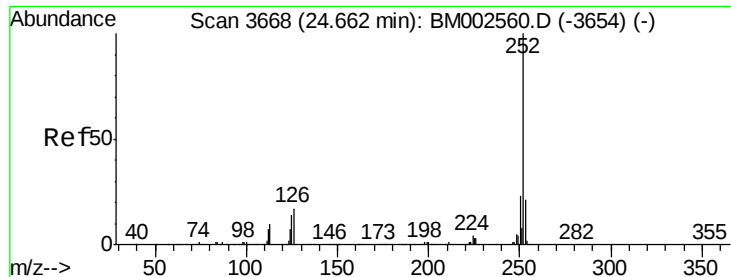
Lab File: BM002567.D

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Tgt Ion:	252	Resp:	99046
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	13.9	9.8	14.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





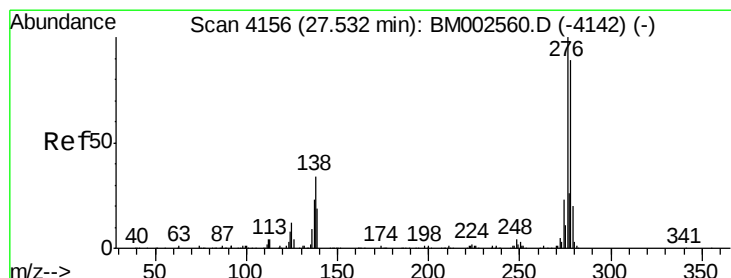
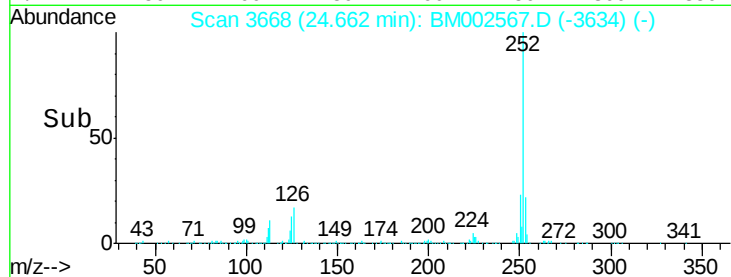
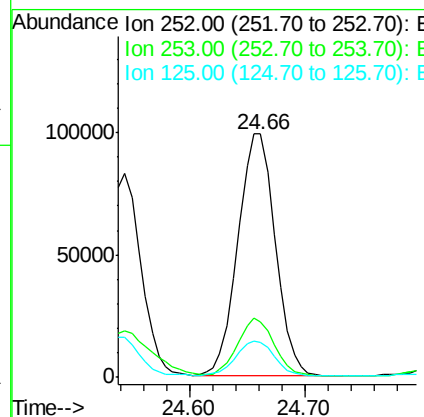
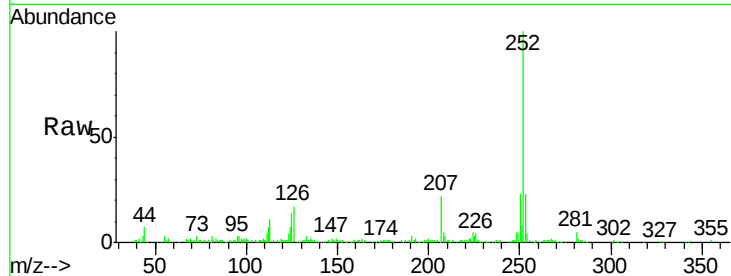
#26
Benzo(a)pyrene
Concen: 8.44 ng/ul
RT: 24.66 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Instrument :
BNA_M
ClientSampled :
D9E75

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	17.6	26.4
125	14.2	10.7	16.1

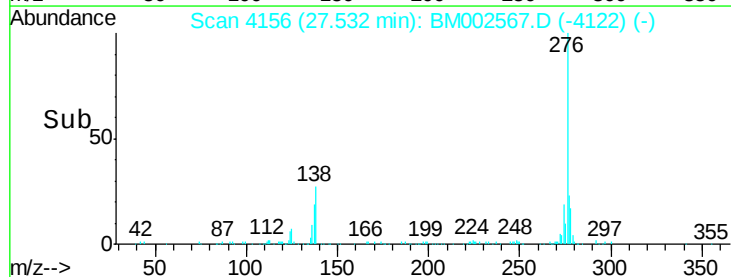
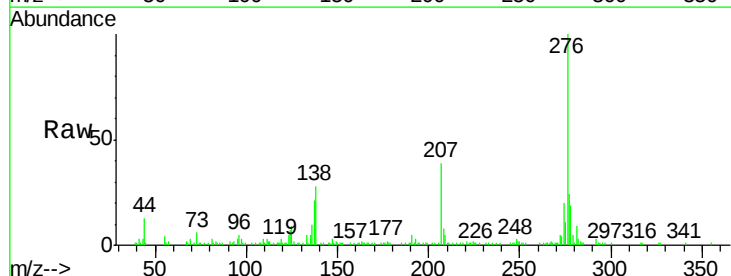
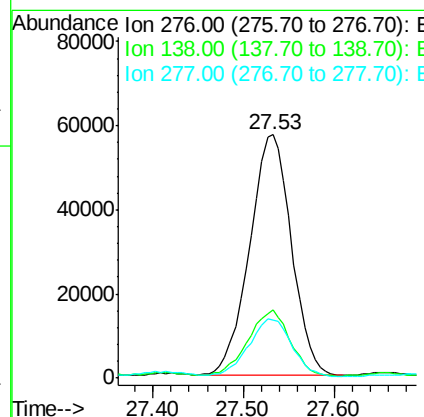
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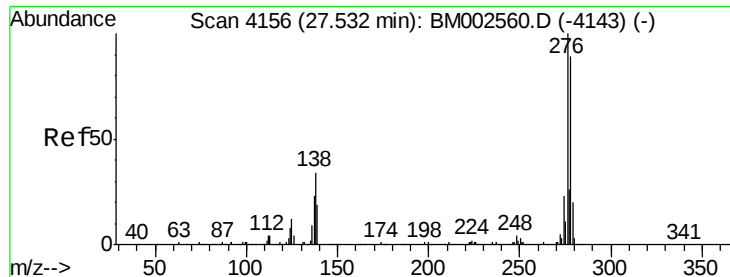
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#27
Indeno(1,2,3-cd)pyrene
Concen: 6.07 ng/ul
RT: 27.53 min Scan# 4156
Delta R.T. -0.00 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.9	25.3	37.9
277	24.0	20.2	30.2





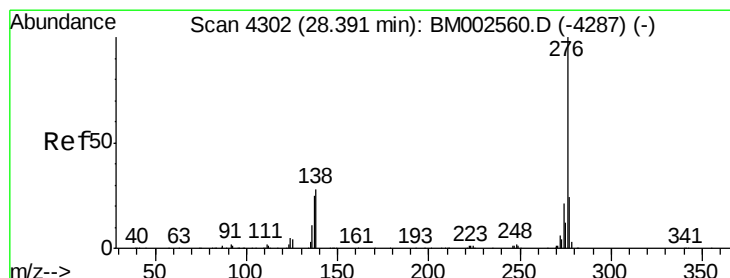
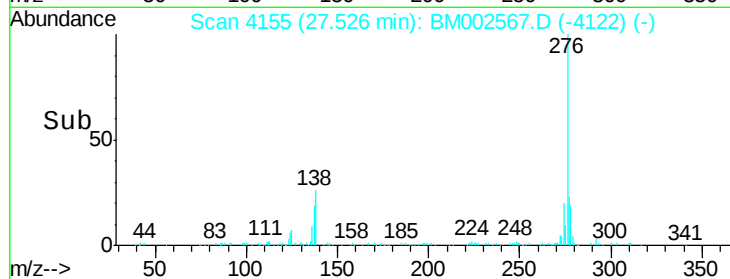
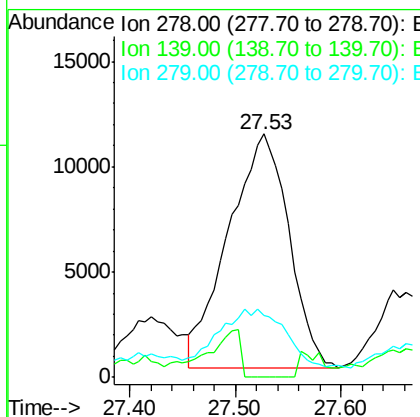
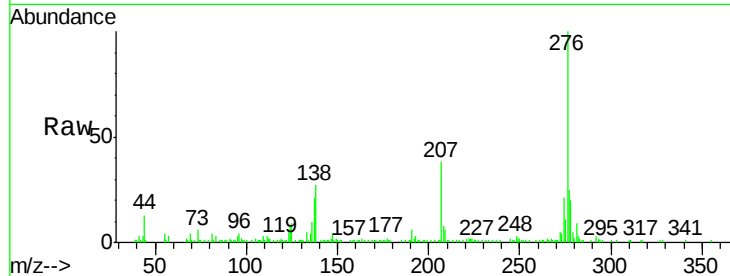
#28
Dibenzo(a,h)anthracene
Concen: 1.74 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	25.5	18.8	28.2

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#29
Benzo(g,h,i)perylene
Concen: 7.16 ng/ul
RT: 28.39 min Scan# 4302
Delta R.T. -0.00 min
Lab File: BM002567.D
Acq: 29 Aug 2015 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.6
277	23.4	19.2	28.8

