

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002435.D
 Acq On : 15 Aug 2015 21:27
 Operator : UM/IZ
 Sample : G3219-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D94

Manual Integrations
 APPROVED

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 8/17/2015 2:46:54 PM

Quant Time: Aug 17 06:39:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	174258	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	800957	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	431418	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	804489	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	535611	20.00	ng/ul	0.00
22) Perylene-d12	24.91	264	515641	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	1174853	26.64	ng/ul	0.00
10) Fluorene-d10	16.43	176	759117	24.50	ng/ul	0.00
14) Anthracene-d10	18.26	188	961411	24.77	ng/ul	0.00
18) Pyrene-d10	20.47	212	777068	32.73	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	585669	21.62	ng/ul	0.01
Target Compounds						
13) Phenanthrene	18.20	178	79031	1.70	ng/ul	Qvalue 99
16) Fluoranthene	20.14	202	112756	2.14	ng/ul	97
19) Pyrene	20.50	202	102784	3.28	ng/ul	100
20) Benzo(a)anthracene	22.22	228	51266	1.60	ng/ul#	86
21) Chrysene	22.27	228	85644m	2.86	ng/ul	
23) Benzo(b)fluoranthene	24.08	252	82471m	2.65	ng/ul	
26) Benzo(a)pyrene	24.79	252	49879	1.68	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	27.73	276	40173	1.17	ng/ul#	89
29) Benzo(g,h,i)perylene	28.61	276	50111	1.76	ng/ul#	91

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

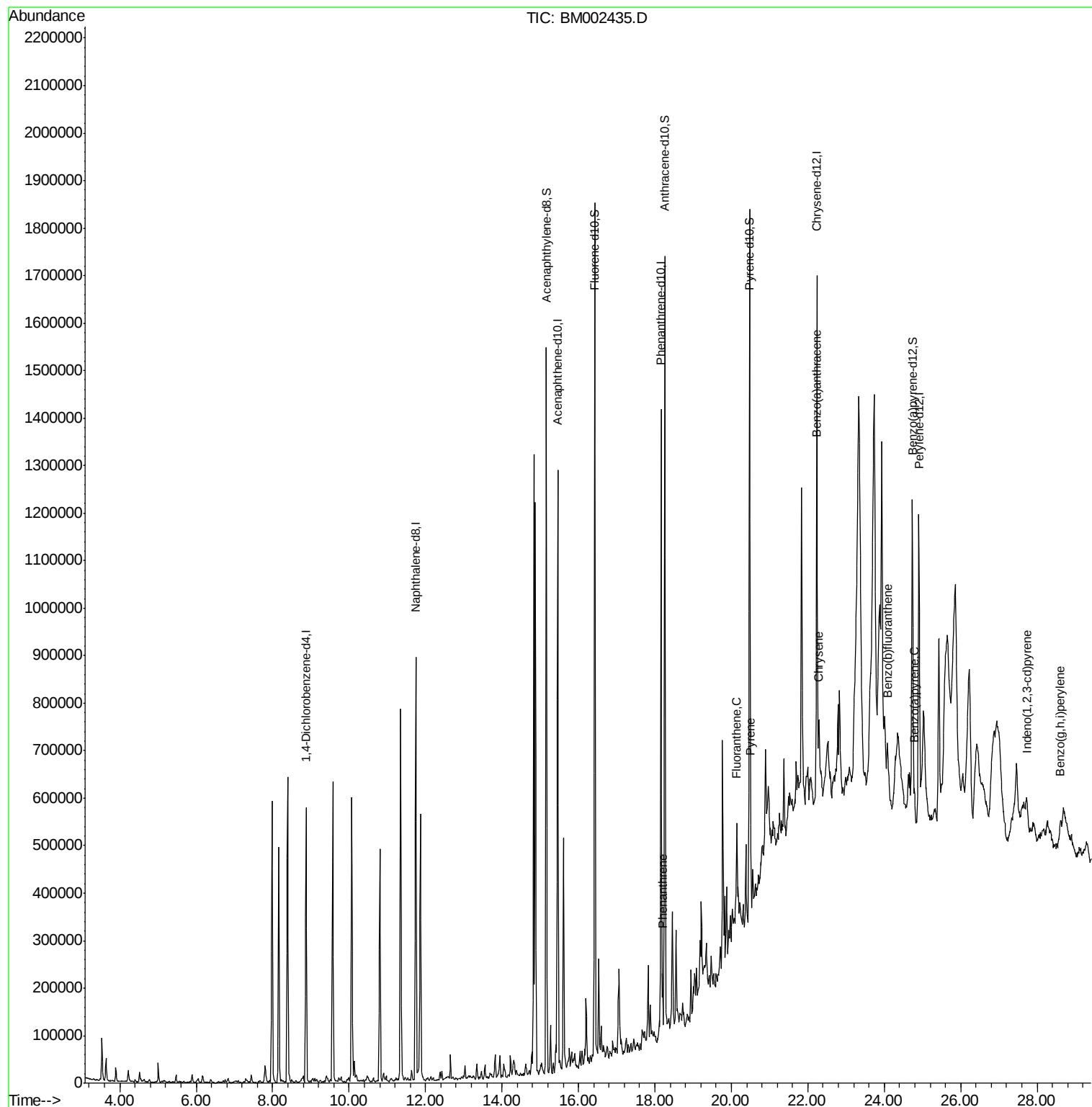
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
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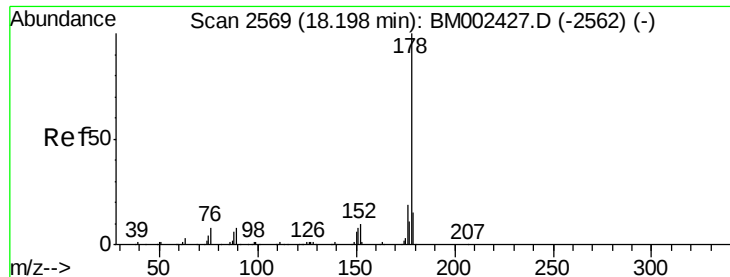
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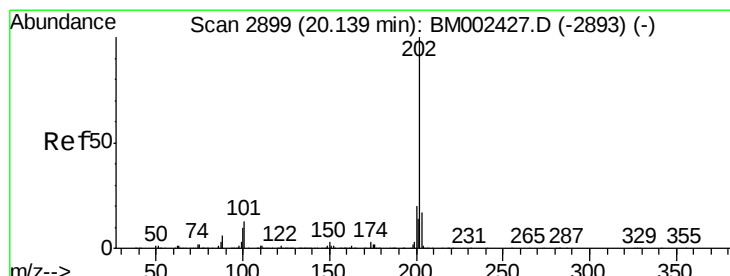
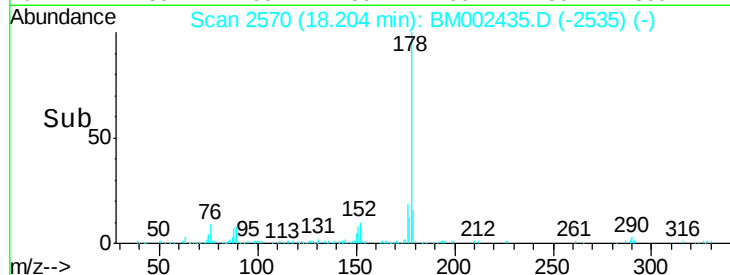
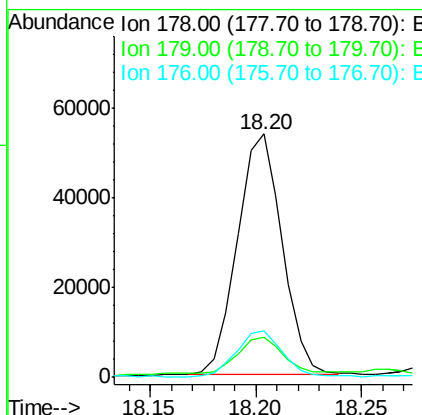
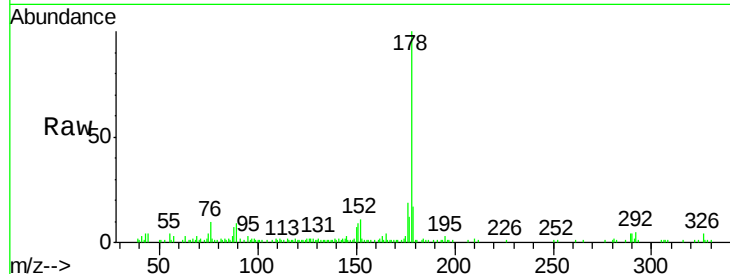
#13
Phenanthrene
Concen: 1.70 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM002435.D
Acq: 15 Aug 2015 21:27

Instrument :
BNA_M
ClientSampleId :
D9D94

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.4	18.6
176	18.9	15.1	22.7

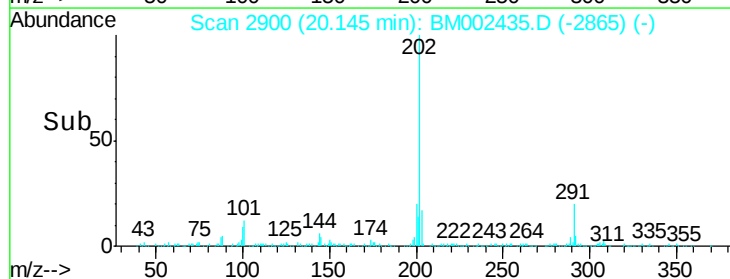
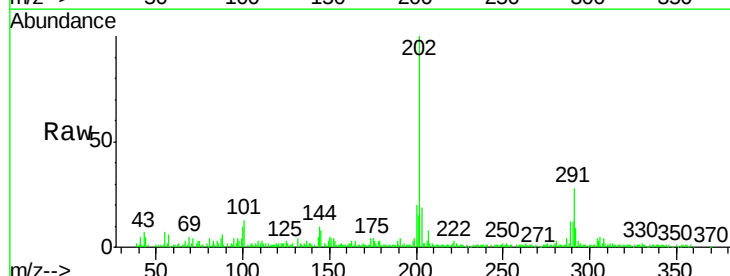
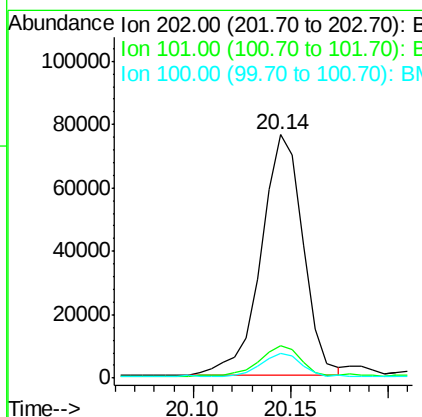
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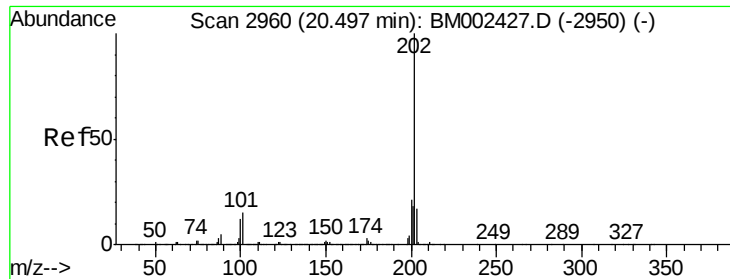
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#16
Fluoranthene
Concen: 2.14 ng/ul
RT: 20.14 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BM002435.D
Acq: 15 Aug 2015 21:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.1	7.4	11.2





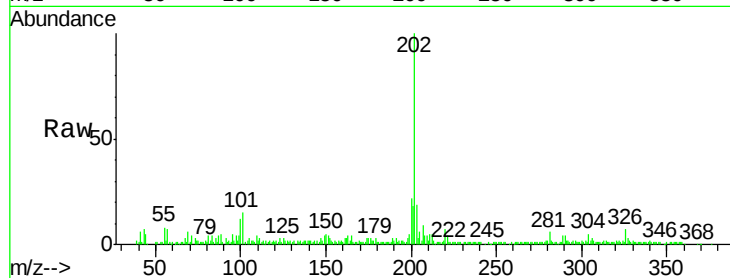
#19
 Pyrene
 Concen: 3.28 ng/ul
 RT: 20.50 min Scan# 2961
 Delta R.T. 0.01 min
 Lab File: BM002435.D
 Acq: 15 Aug 2015 21:27

Instrument :
 BNA_M
 ClientSampleId :
 D9D94

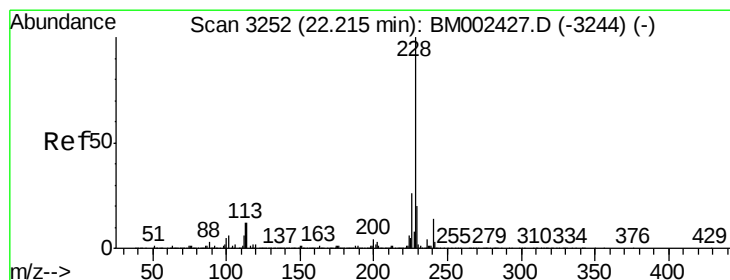
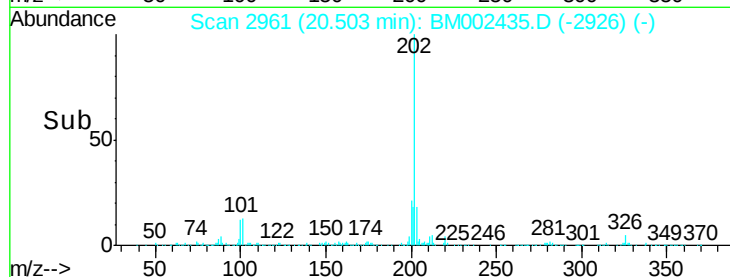
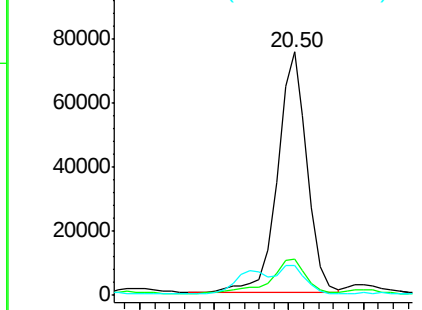
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	102784		
101	14.7	12.0	18.0	
100	12.1	9.7	14.5	

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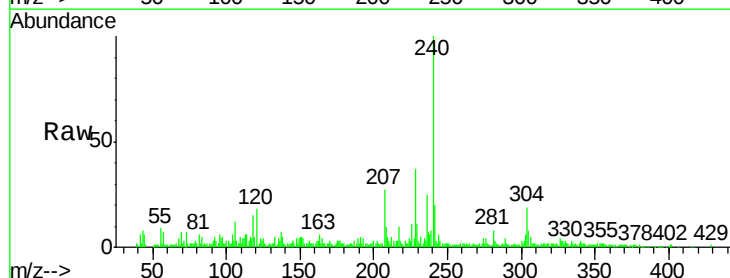


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

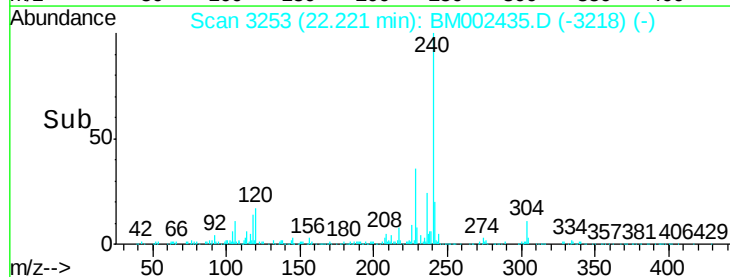
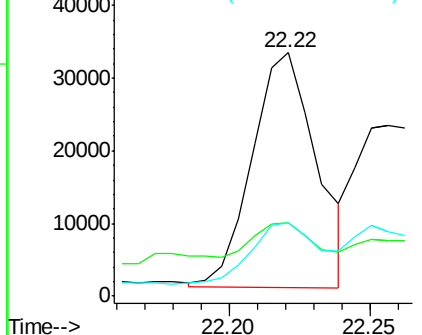


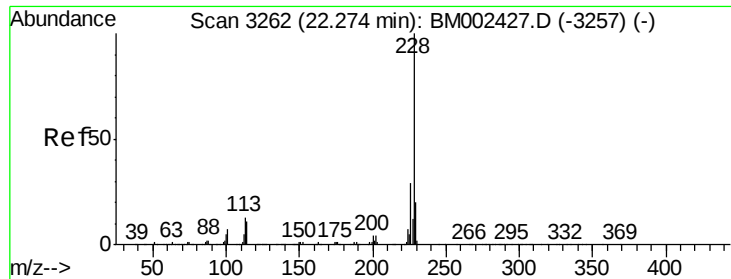
#20
 Benzo(a)anthracene
 Concen: 1.60 ng/ul
 RT: 22.22 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BM002435.D
 Acq: 15 Aug 2015 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	51266		
229	30.3	15.8	23.6#	
226	30.1	21.1	31.7	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.86 ng/ul m

RT: 22.27 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BM002435.D

Acq: 15 Aug 2015 21:27

Instrument :

BNA_M

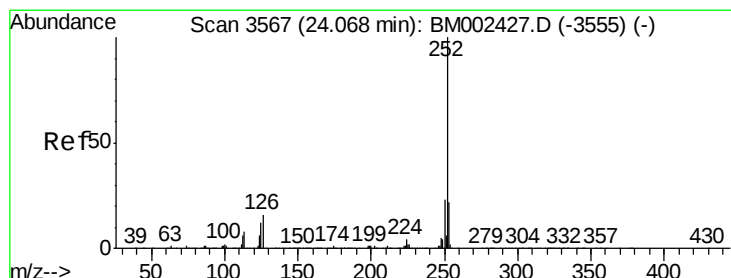
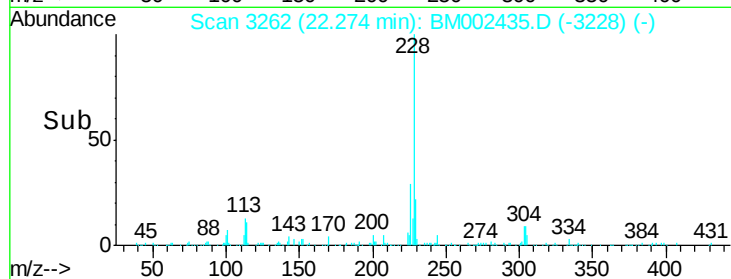
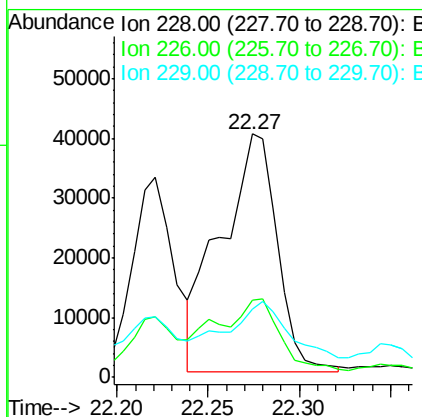
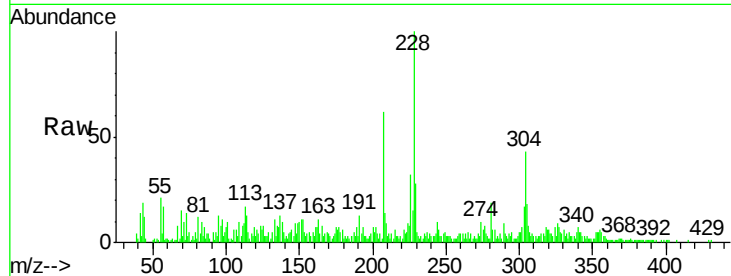
ClientSampled :

D9D94

Tgt Ion:	228	Resp:	85644
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.4	35.2
229	28.1	15.7	23.5#

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#23

Benzo(b)fluoranthene

Concen: 2.65 ng/ul m

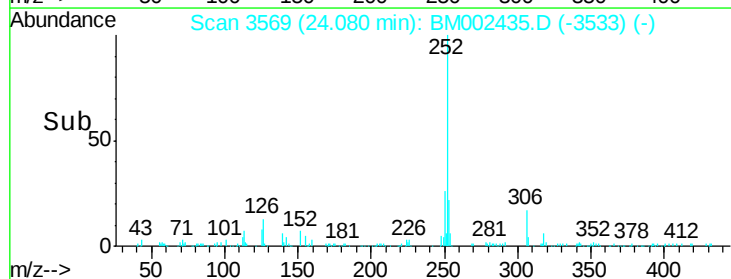
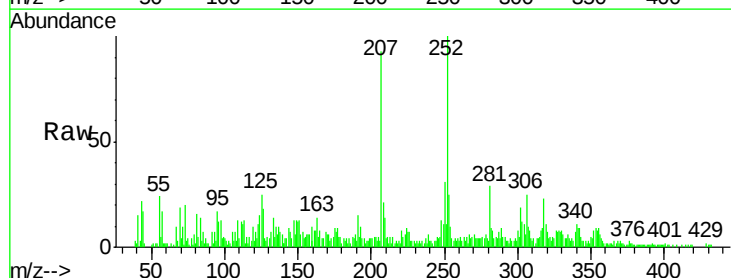
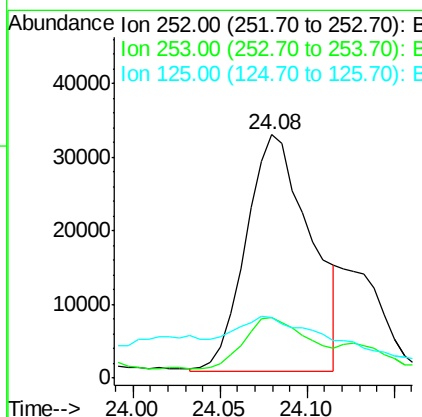
RT: 24.08 min Scan# 3569

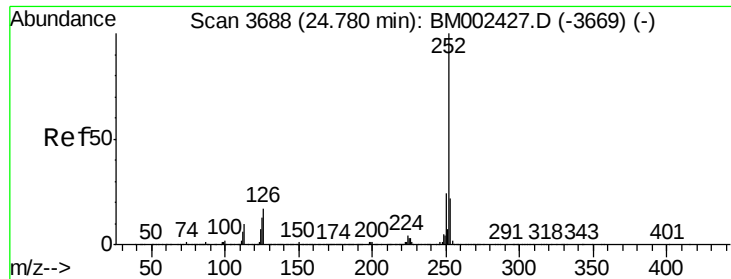
Delta R.T. 0.01 min

Lab File: BM002435.D

Acq: 15 Aug 2015 21:27

Tgt Ion:	252	Resp:	82471
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.4	26.0
125	24.7	10.0	15.0#





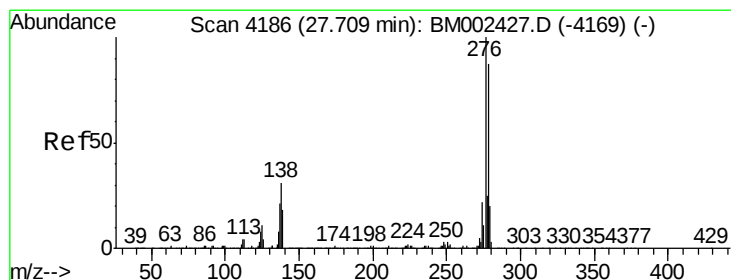
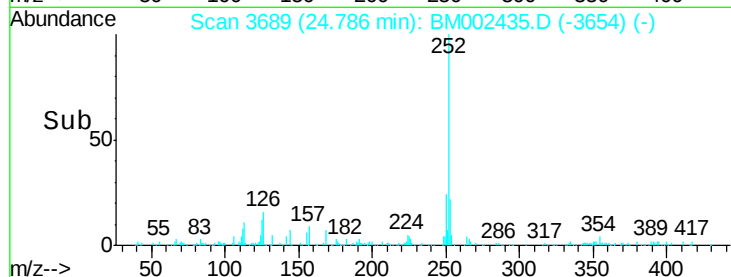
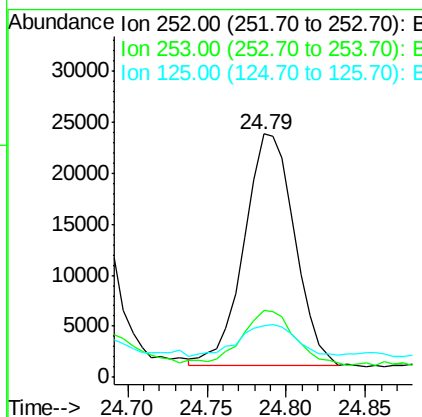
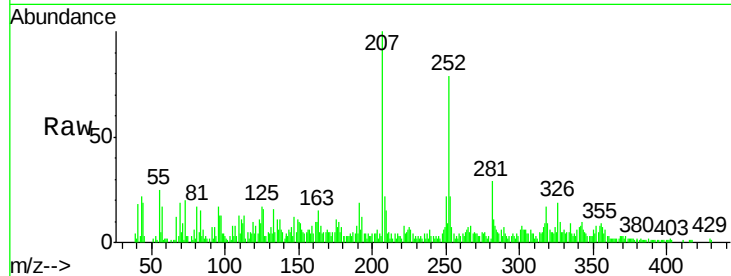
#26
Benzo(a)pyrene
Concen: 1.68 ng/ul
RT: 24.79 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BM002435.D
Acq: 15 Aug 2015 21:27

Instrument :
BNA_M
ClientSampleId :
D9D94

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.6	26.4#
125	21.4	10.7	16.1#

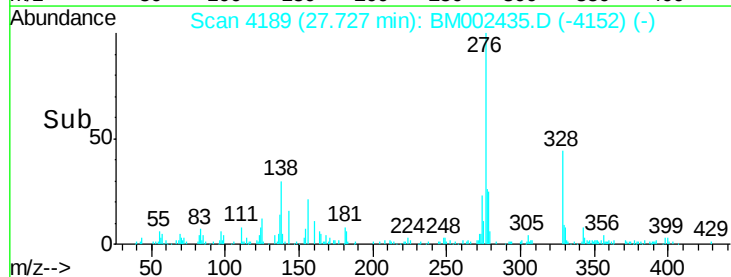
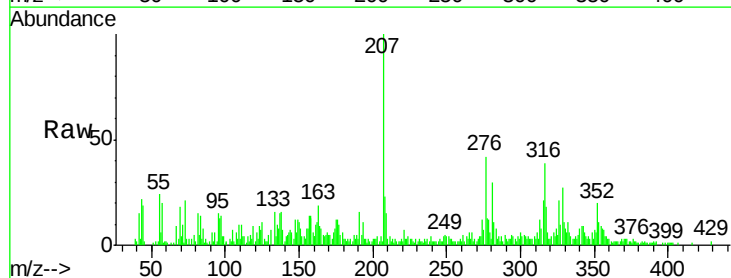
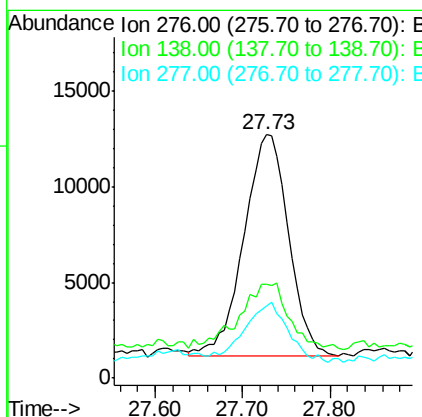
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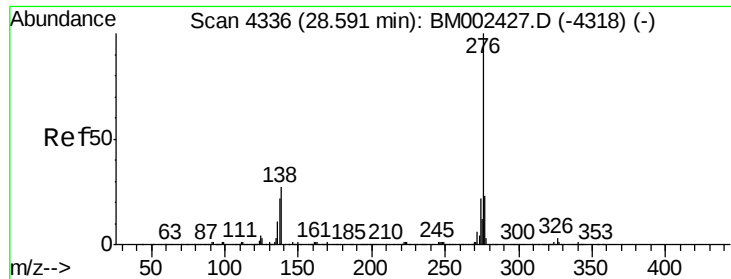
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.17 ng/ul
RT: 27.73 min Scan# 4189
Delta R.T. 0.02 min
Lab File: BM002435.D
Acq: 15 Aug 2015 21:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.6	25.3	37.9#
277	29.9	20.2	30.2





#29

Benzo(g,h,i)perylene

Concen: 1.76 ng/ul

RT: 28.61 min Scan# 4339

Delta R.T. 0.02 min

Lab File: BM002435.D

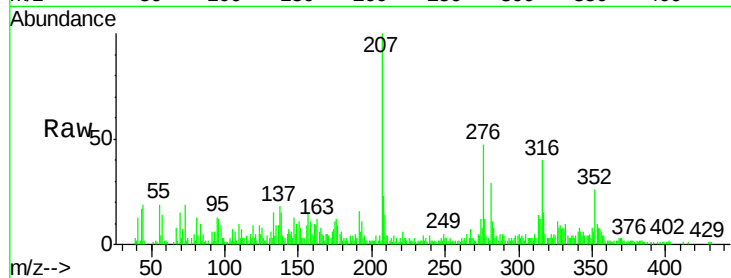
Acq: 15 Aug 2015 21:27

Instrument :

BNA_M

ClientSampleId :

D9D94



Tgt Ion:	276	Resp:	50111
Ion Ratio		Lower	Upper
276	100		
138	32.9	21.0	31.6#
277	26.6	19.2	28.8

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