

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
 Data File : BM002543.D
 Acq On : 22 Aug 2015 04:43
 Operator : UM/IZ
 Sample : G3372-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DX2

Manual Integrations
 APPROVED

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 8/24/2015 11:25:26 AM

Quant Time: Aug 24 00:46:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 23:16:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	128700	20.00	ng/ul	0.00
2) Naphthalene-d8	11.69	136	601919	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.40	164	321628	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.11	188	675390	20.00	ng/ul	0.00
17) Chrysene-d12	22.19	240	636336	20.00	ng/ul	0.00
22) Perylene-d12	24.84	264	487354	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.11	160	1198577	36.45	ng/ul	0.00
10) Fluorene-d10	16.37	176	787828	34.11	ng/ul	0.00
14) Anthracene-d10	18.21	188	1191652	36.58	ng/ul	0.00
18) Pyrene-d10	20.43	212	1150178	40.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	866515	33.85	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.15	178	84091	2.16	ng/ul	99
16) Fluoranthene	20.10	202	219204	4.96	ng/ul	99
19) Pyrene	20.46	202	162417	4.36	ng/ul	98
20) Benzo(a)anthracene	22.17	228	92663	2.44	ng/ul	98
21) Chrysene	22.23	228	89293	2.51	ng/ul	97
23) Benzo(b)fluoranthene	24.02	252	100123	3.40	ng/ul	97
24) Benzo(k)fluoranthene	24.07	252	33929m	1.22	ng/ul	
26) Benzo(a)pyrene	24.72	252	59437	2.11	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.61	276	40219	1.24	ng/ul	95
29) Benzo(g,h,i)perylene	28.49	276	39682	1.47	ng/ul	95

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

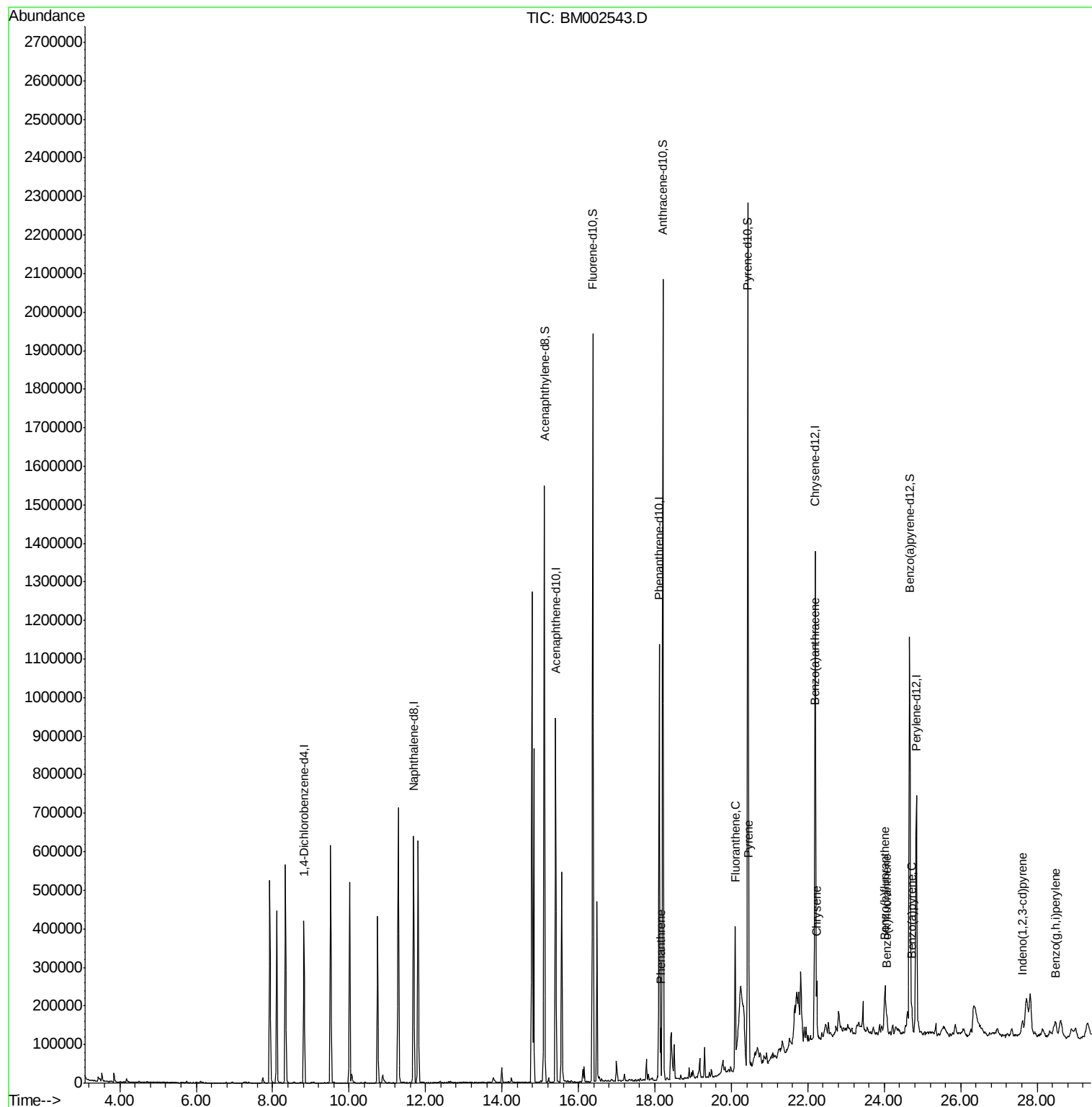
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082115\
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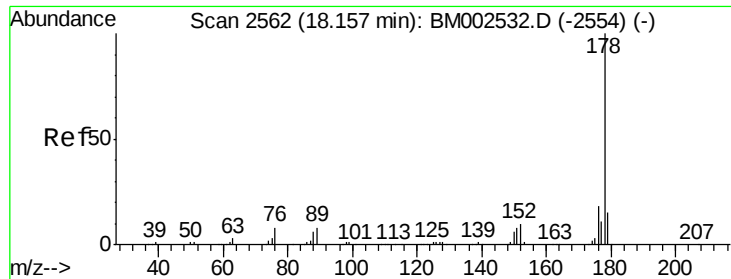
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
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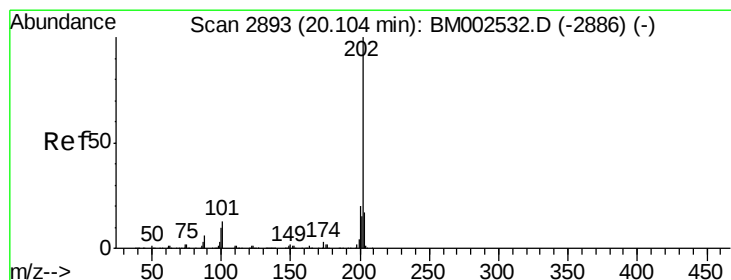
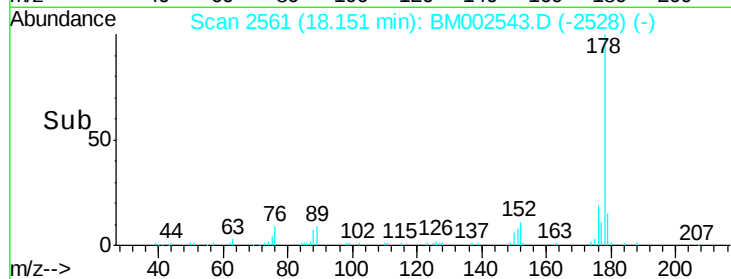
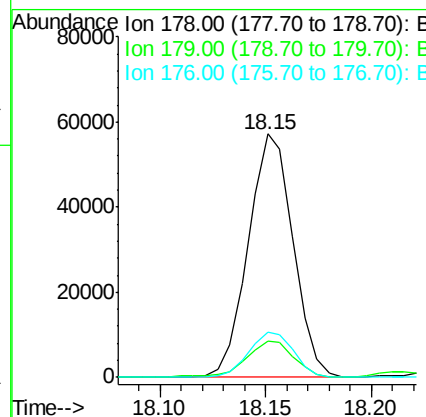
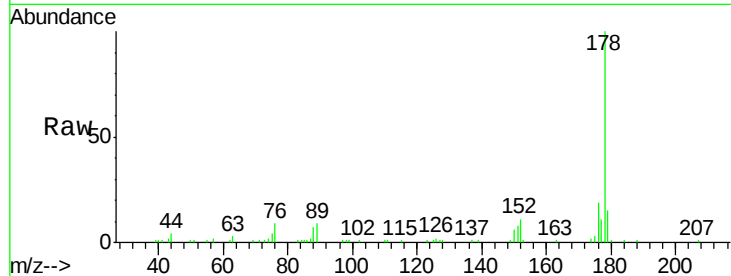
#13
 Phenanthrene
 Concen: 2.16 ng/ul
 RT: 18.15 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BM002543.D
 Acq: 22 Aug 2015 04:43

Instrument :
 BNA_M
 ClientSampleId :
 D9DX2

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

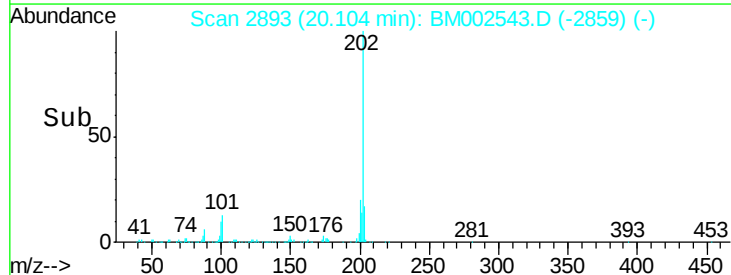
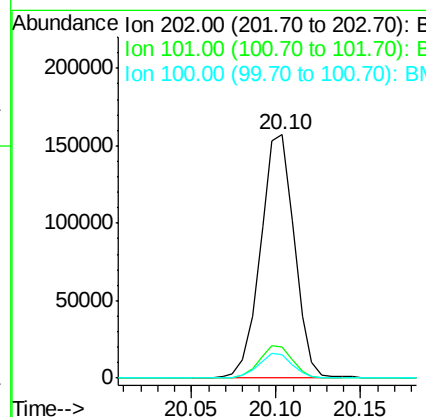
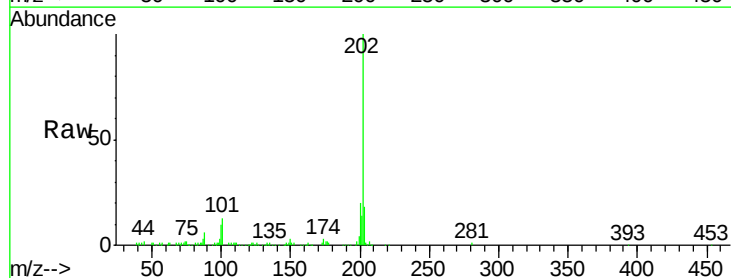
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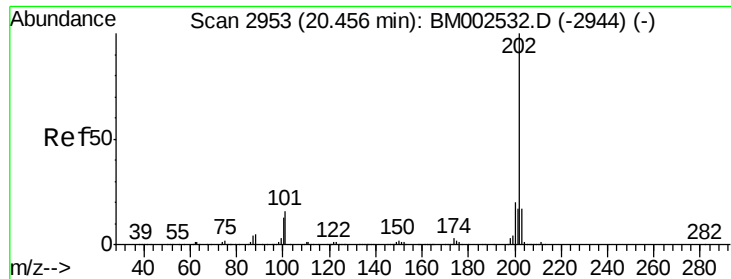
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#16
 Fluoranthene
 Concen: 4.96 ng/ul
 RT: 20.10 min Scan# 2893
 Delta R.T. 0.00 min
 Lab File: BM002543.D
 Acq: 22 Aug 2015 04:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	9.6	7.4	11.2





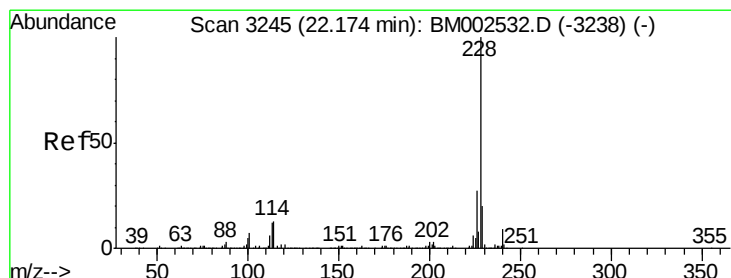
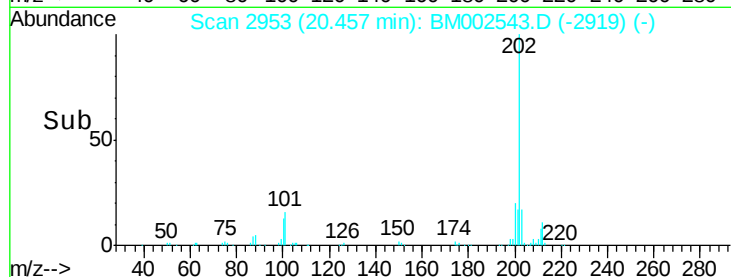
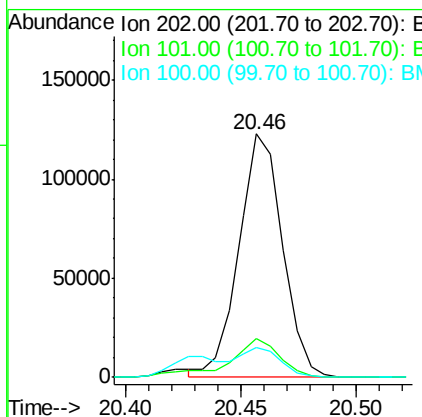
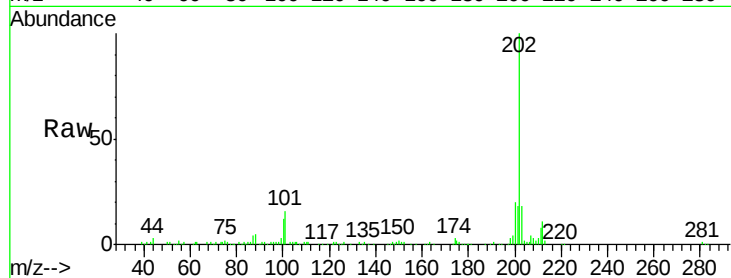
#19
Pyrene
Concen: 4.36 ng/ul
RT: 20.46 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM002543.D
Acq: 22 Aug 2015 04:43

Instrument :
BNA_M
ClientSampleId :
D9DX2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.9	12.0	18.0
100	12.4	9.7	14.5

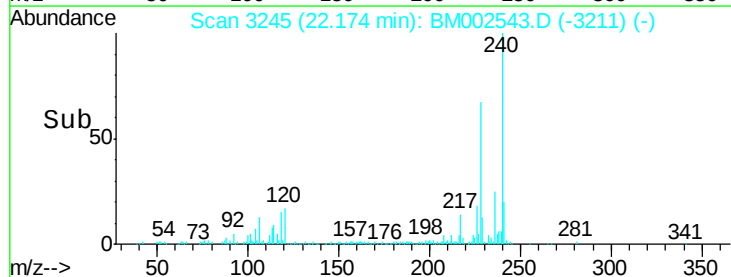
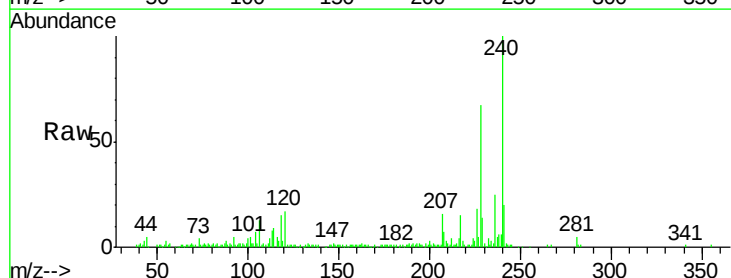
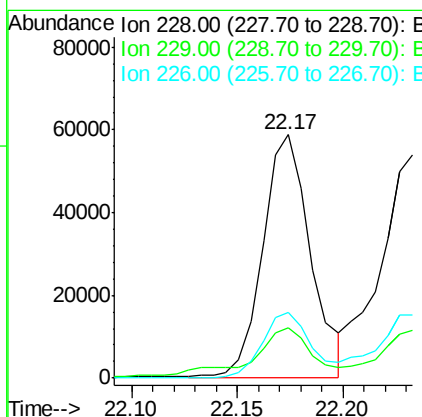
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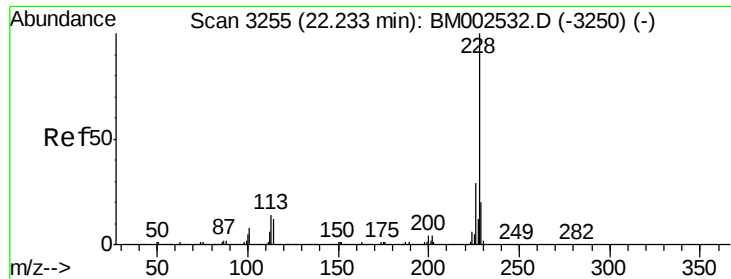
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#20
Benzo(a)anthracene
Concen: 2.44 ng/ul
RT: 22.17 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BM002543.D
Acq: 22 Aug 2015 04:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	15.8	23.6
226	27.0	21.1	31.7





#21

Chrysene

Concen: 2.51 ng/ul

RT: 22.23 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BM002543.D

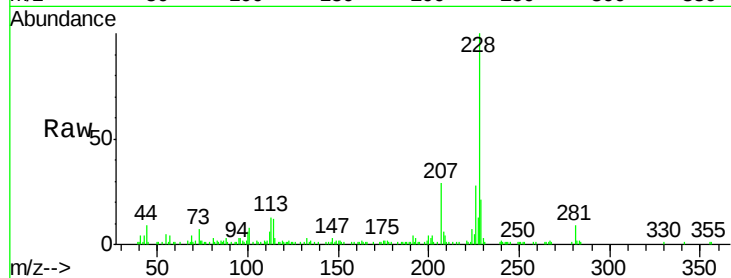
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Instrument :

BNA_M

ClientSampleId :

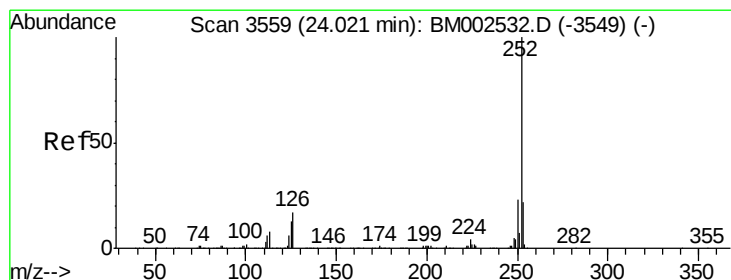
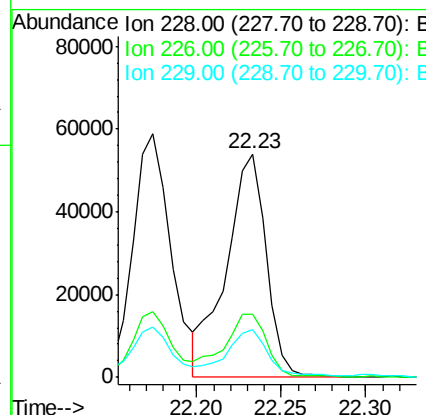
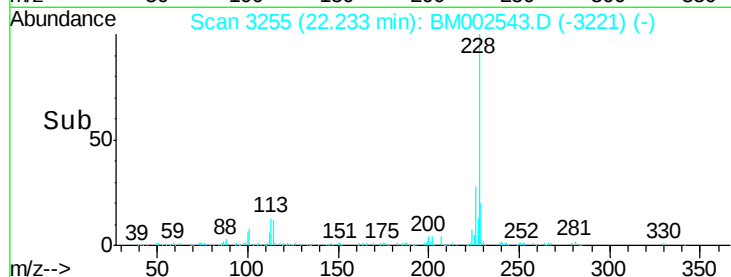
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Tgt Ion:	228	Resp:	89293
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.4	35.2
229	21.4	15.7	23.5

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#23

Benzo(b)fluoranthene

Concen: 3.40 ng/ul

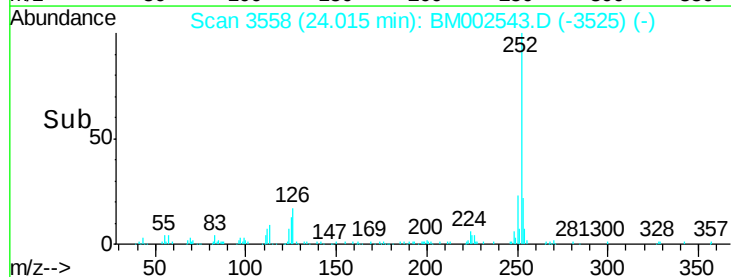
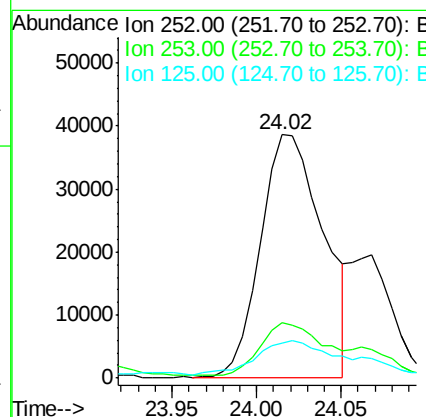
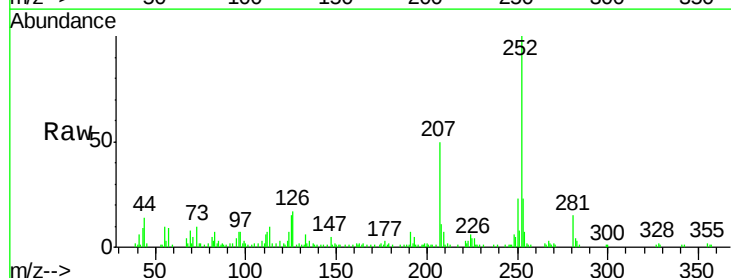
RT: 24.02 min Scan# 3558

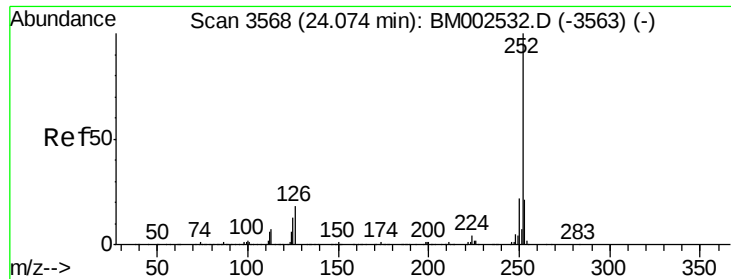
Delta R.T. -0.01 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Tgt Ion:	252	Resp:	100123
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	14.6	10.0	15.0





#24

Benzo(k)fluoranthene

Concen: 1.22 ng/ul m

RT: 24.07 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BM002543.D

Acq: 22 Aug 2015 04:43

Instrument :

BNA_M

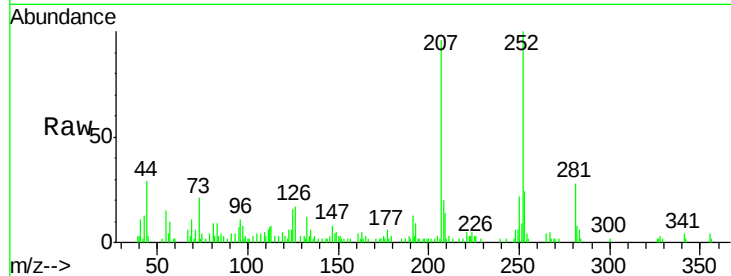
ClientSampled :

D9DX2

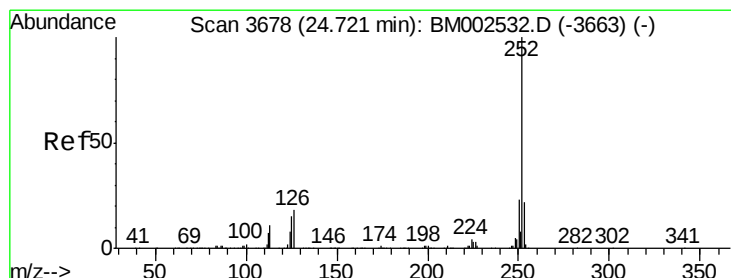
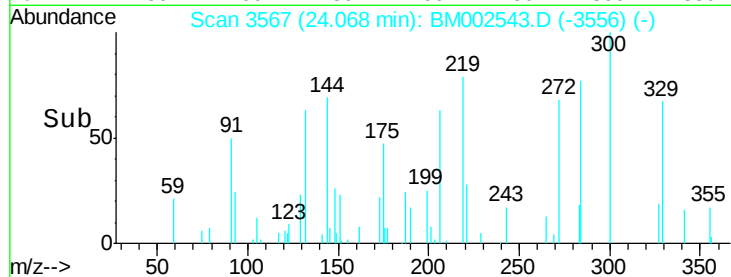
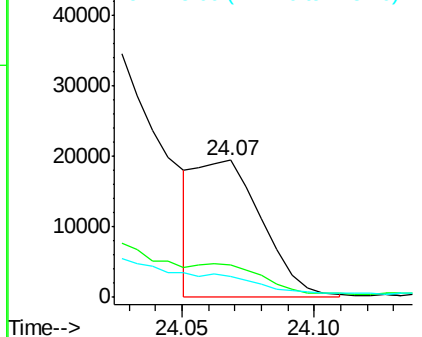
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	33929		
253	23.8	17.8	26.6	
125	15.7	9.8	14.8#	



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: 2.11 ng/ul

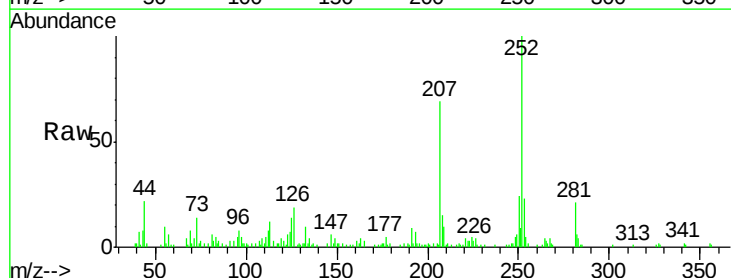
RT: 24.72 min Scan# 3678

Delta R.T. 0.00 min

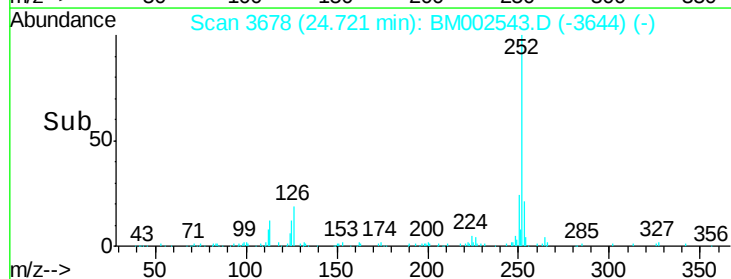
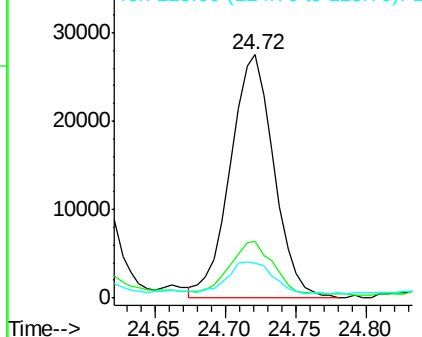
Lab File: BM002543.D

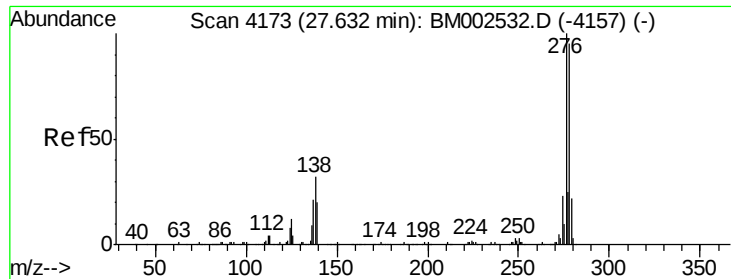
Acq: 22 Aug 2015 04:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	59437		
253	23.4	17.6	26.4	
125	14.4	10.7	16.1	



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





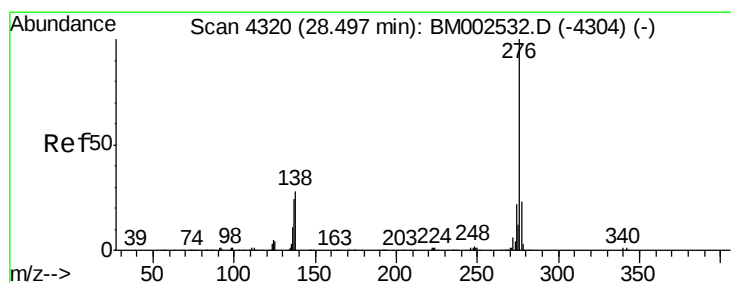
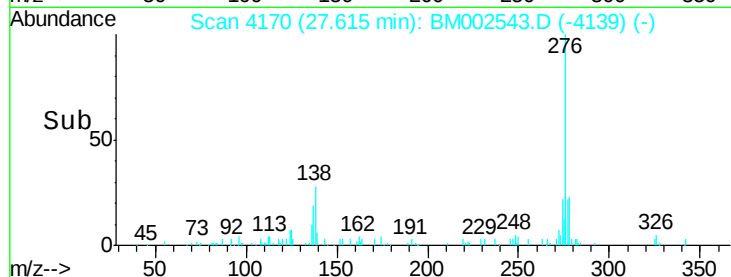
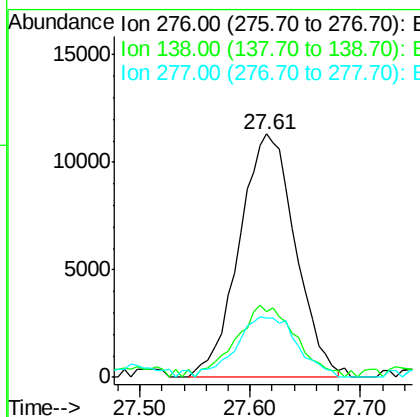
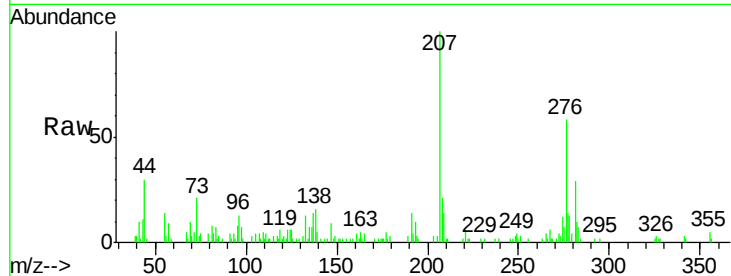
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.24 ng/ul
 RT: 27.61 min Scan# 4170
 Delta R.T. -0.02 min
 Lab File: BM002543.D
 Acq: 22 Aug 2015 04:43

Instrument :
 BNA_M
 ClientSampleId :
 D9DX2

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	40219		
138	27.2	25.3	37.9	
277	24.3	20.2	30.2	

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#29
 Benzo(g,h,i)perylene
 Concen: 1.47 ng/ul
 RT: 28.49 min Scan# 4319
 Delta R.T. -0.01 min
 Lab File: BM002543.D
 Acq: 22 Aug 2015 04:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	39682		
138	31.2	21.0	31.6	
277	24.3	19.2	28.8	

