

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002275.D
 Acq On : 08 Aug 2015 13:59
 Operator : TP/UM
 Sample : G3161-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C53

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:13:50 PM

Quant Time: Aug 09 06:04:52 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	208674	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1094620	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	632685	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1286908	20.00	ng/ul	0.00
17) Chrysene-d12	22.30	240	1174557	20.00	ng/ul	0.00
22) Perylene-d12	25.00	264	964736	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1214019	18.52	ng/ul	0.00
10) Fluorene-d10	16.47	176	788860	17.31	ng/ul	0.00
14) Anthracene-d10	18.30	188	1116255	17.88	ng/ul	0.00
18) Pyrene-d10	20.52	212	1101587	19.34	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	842555	16.45	ng/ul	0.00
Target Compounds						
16) Fluoranthene	20.19	202	131614	1.60	ng/ul	Qvalue 98
19) Pyrene	20.55	202	145539	1.92	ng/ul	99
20) Benzo(a)anthracene	22.28	228	93513	1.30	ng/ul	95
21) Chrysene	22.33	228	102667m	1.51	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	205346	3.42	ng/ul#	95
26) Benzo(a)pyrene	24.87	252	98142	1.71	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.83	276	75506	1.15	ng/ul	95
29) Benzo(g,h,i)perylene	28.72	276	71747	1.29	ng/ul#	90

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

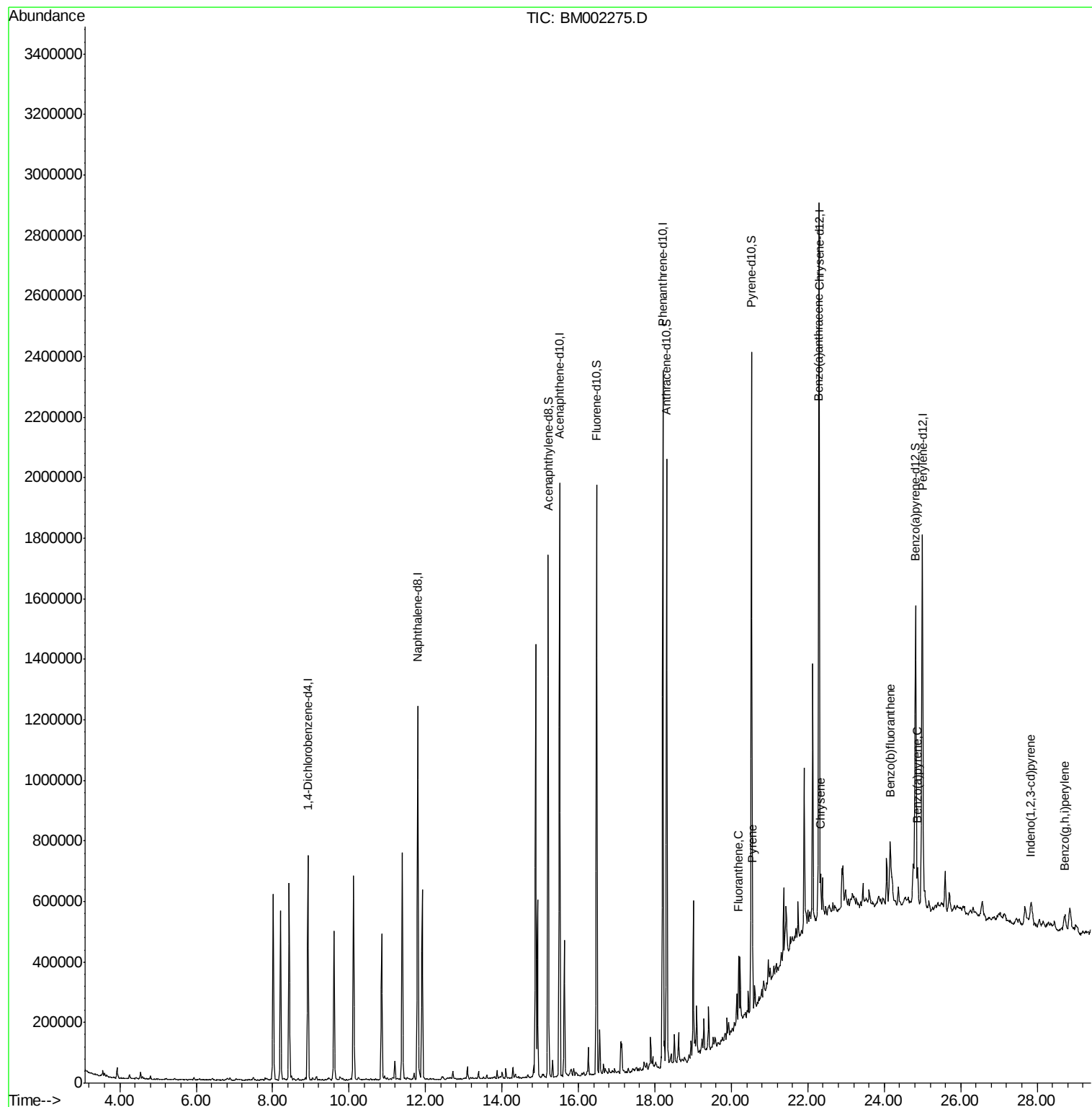
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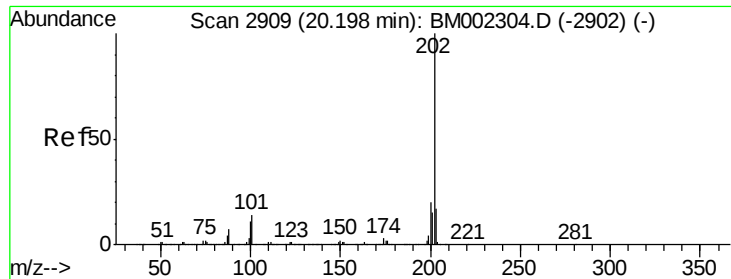
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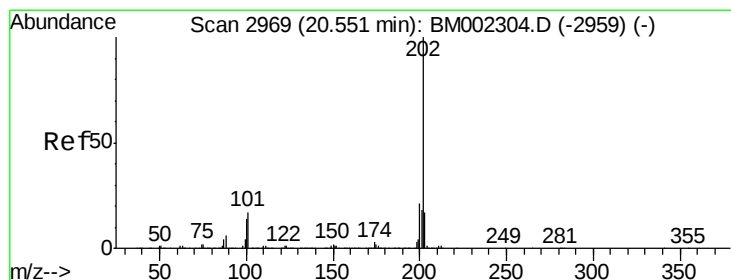
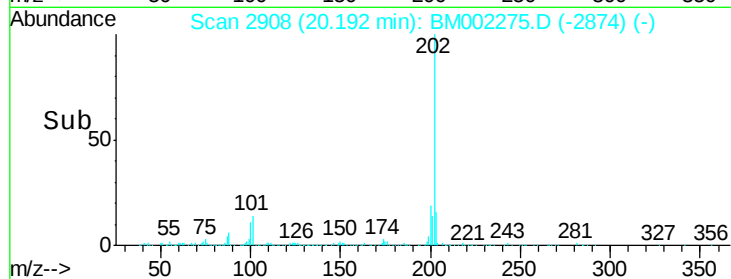
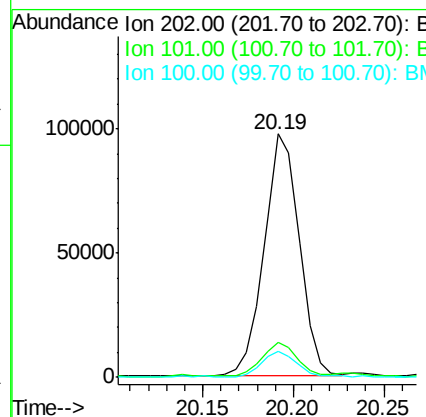
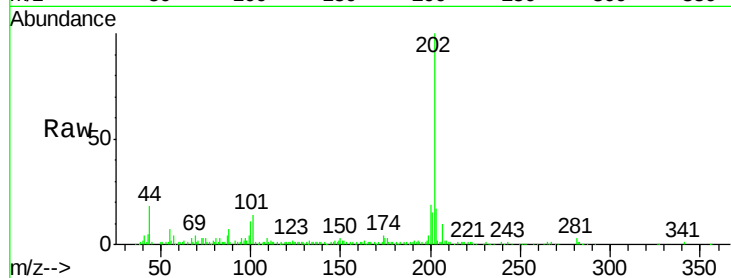
#16
Fluoranthene
 Concen: 1.60 ng/ul
 RT: 20.19 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: BM002275.D
 Acq: 08 Aug 2015 13:59

Instrument :
 BNA_M
 ClientSampleId :
 D9C53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	131614		
101	14.3	10.6	15.8	
100	10.9	8.2	12.4	

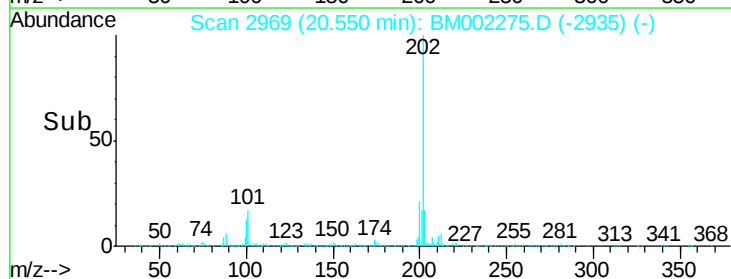
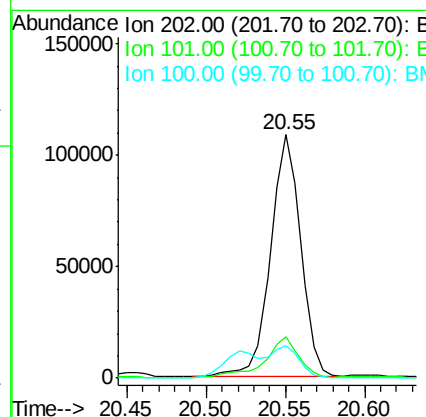
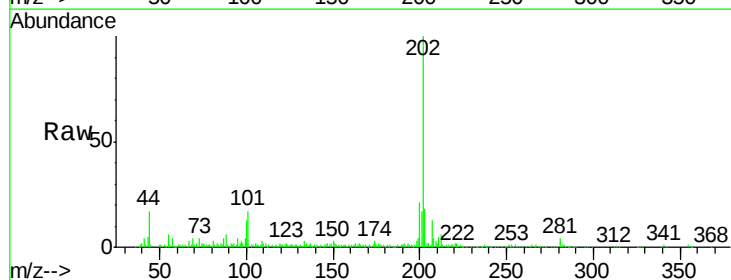
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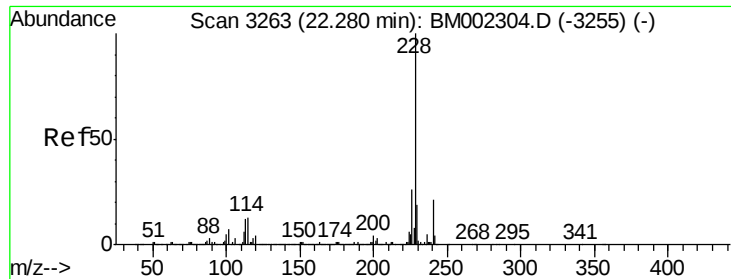
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#19
Pyrene
 Concen: 1.92 ng/ul
 RT: 20.55 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BM002275.D
 Acq: 08 Aug 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	145539		
101	16.9	13.0	19.6	
100	13.4	11.0	16.4	





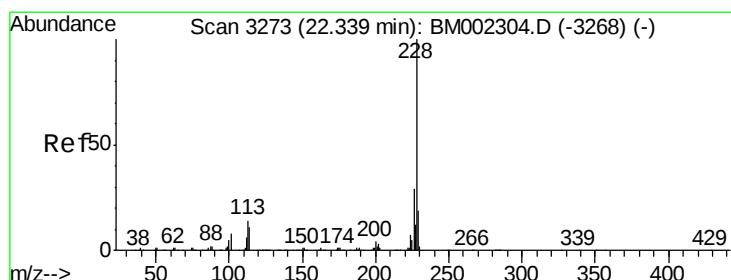
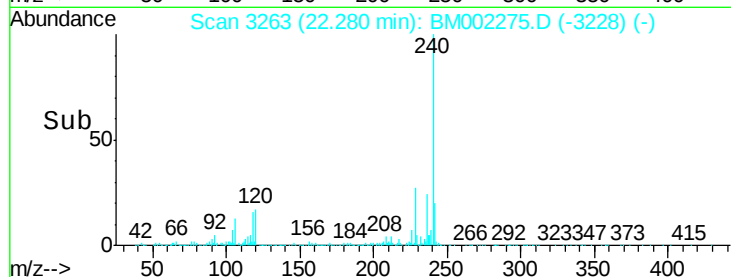
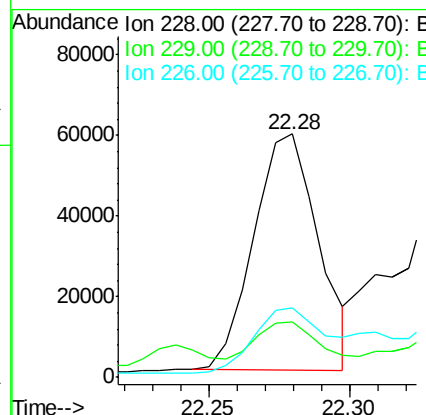
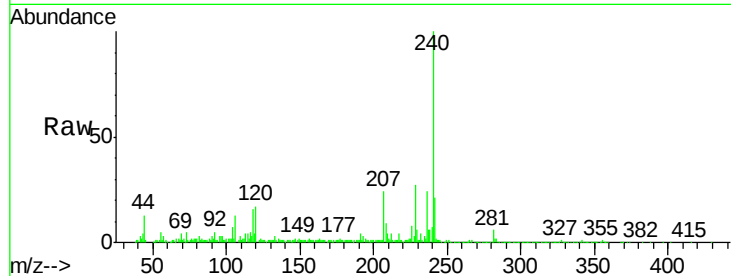
#20
Benzo(a)anthracene
Concen: 1.30 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.01 min
Lab File: BM002275.D
Acq: 08 Aug 2015 13:59

Instrument :
BNA_M
ClientSampleId :
D9C53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	93513		
229	22.6	15.7	23.5	
226	28.4	21.4	32.0	

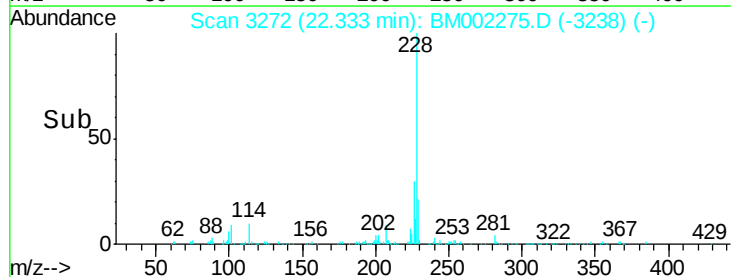
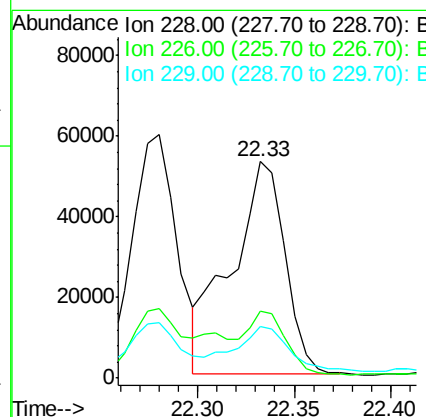
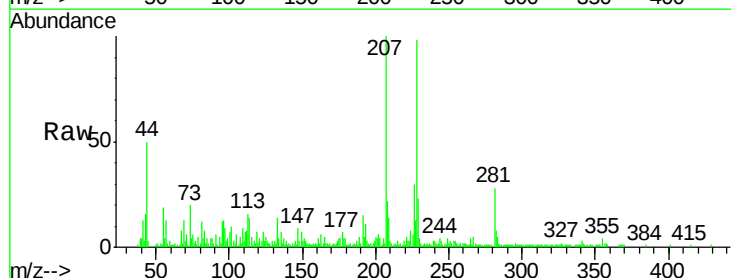
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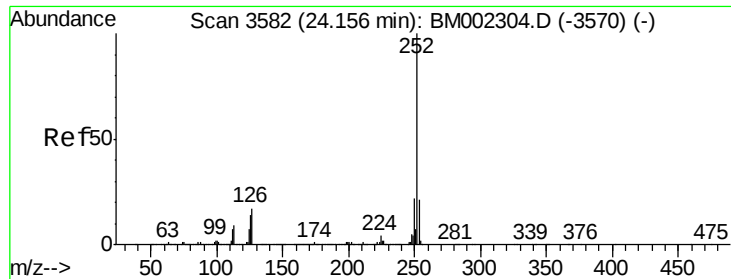
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#21
Chrysene
Concen: 1.51 ng/ul m
RT: 22.33 min Scan# 3272
Delta R.T. -0.00 min
Lab File: BM002275.D
Acq: 08 Aug 2015 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	102667		
226	31.0	23.4	35.0	
229	23.9	15.5	23.3#	





#23

Benzo(b)fluoranthene

Concen: 3.42 ng/ul

RT: 24.16 min Scan# 3583

Delta R.T. 0.01 min

Lab File: BM002275.D

Acq: 08 Aug 2015 13:59

Instrument :

BNA_M

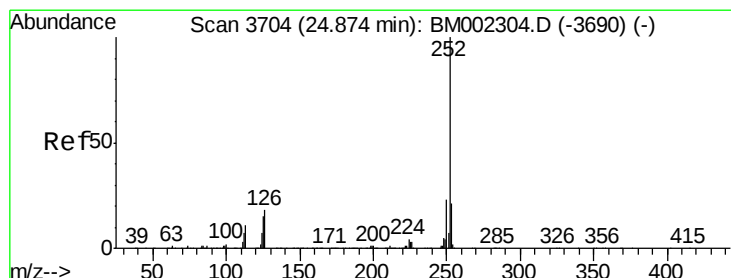
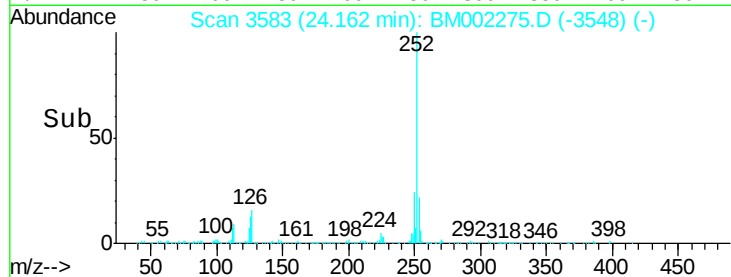
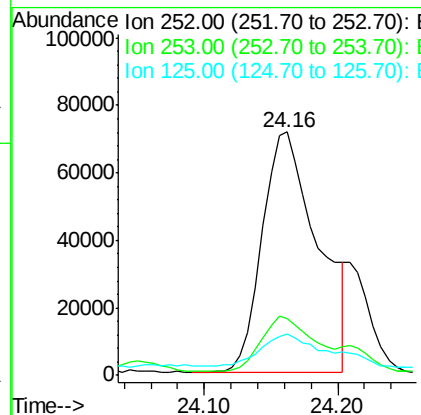
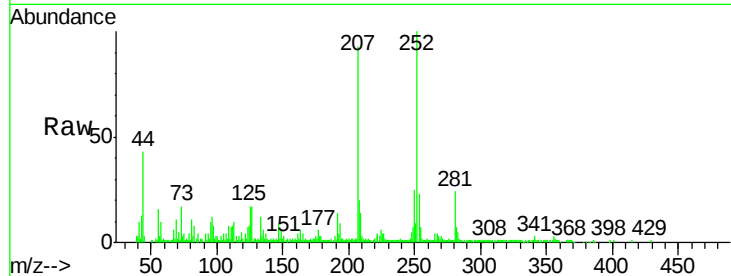
ClientSampleId :

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Tgt Ion:	252	Resp:	205346
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	17.0	10.3	15.5#

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#26

Benzo(a)pyrene

Concen: 1.71 ng/ul

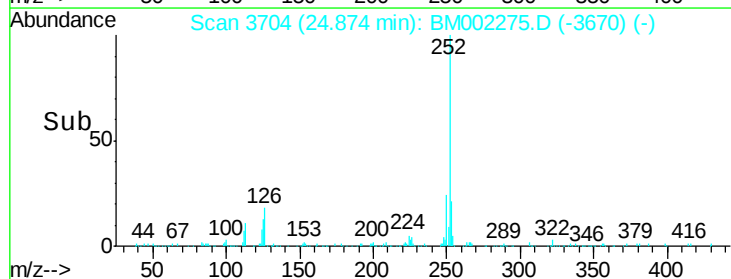
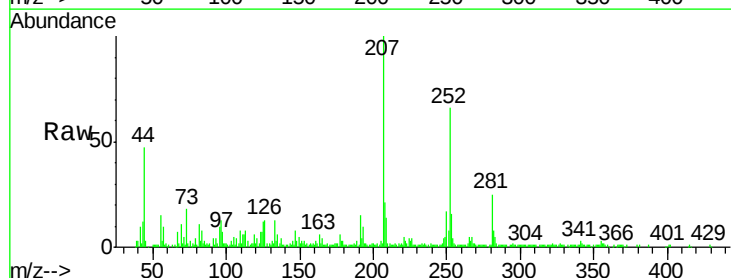
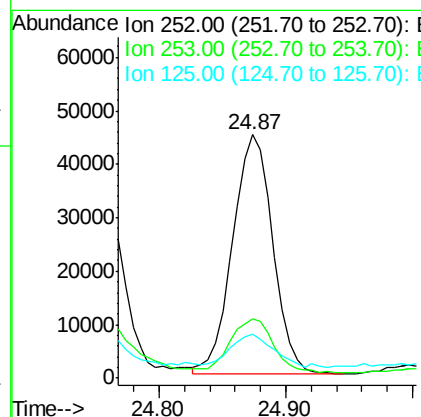
RT: 24.87 min Scan# 3704

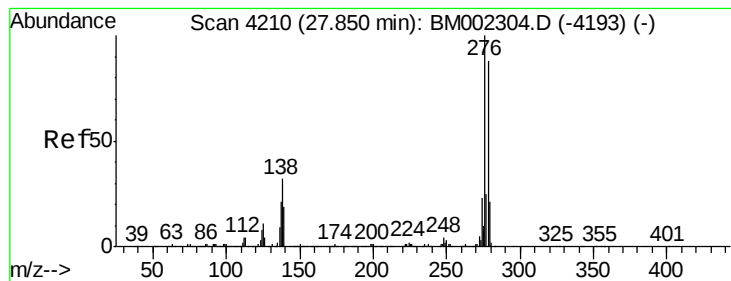
Delta R.T. -0.00 min

Lab File: BM002275.D

Acq: 08 Aug 2015 13:59

Tgt Ion:	252	Resp:	98142
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.3	25.9
125	18.2	11.0	16.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.15 ng/ul

RT: 27.83 min Scan# 4207

Delta R.T. -0.01 min

Lab File: BM002275.D

Acq: 08 Aug 2015 13:59

Instrument :

BNA_M

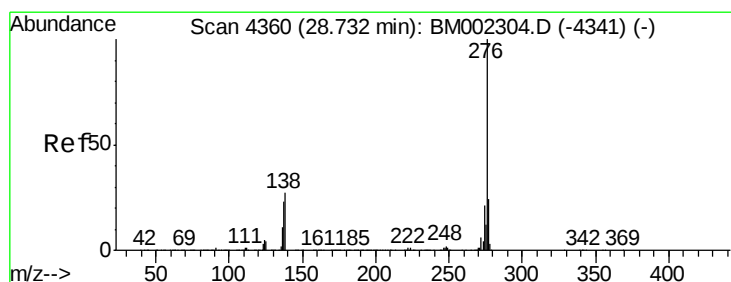
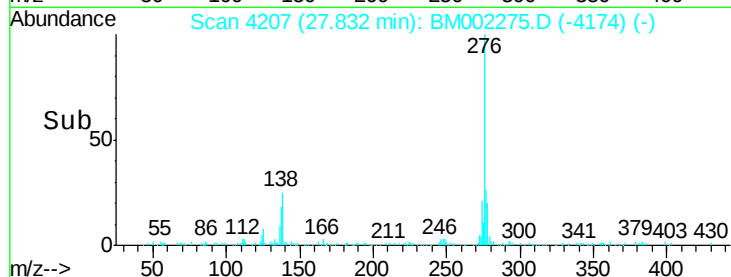
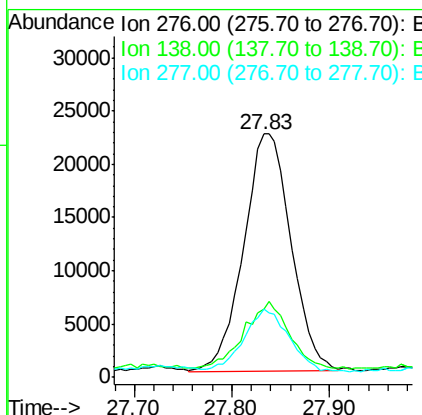
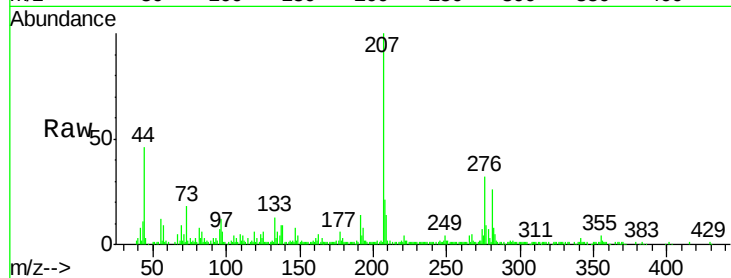
ClientSampleId :

D9C53

Tgt Ion:	276	Resp:	75506
Ion Ratio	Lower	Upper	
276	100		
138	28.0	25.6	38.4
277	27.8	21.0	31.4

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#29

Benzo(g,h,i)perylene

Concen: 1.29 ng/ul

RT: 28.72 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BM002275.D

Acq: 08 Aug 2015 13:59

Tgt Ion:	276	Resp:	71747
Ion Ratio	Lower	Upper	
276	100		
138	32.5	20.5	30.7#
277	27.2	19.0	28.6

