Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002276.D
Acq On : 08 Aug 2015 14:35
Operator : TP/UM
Sample : G3161-07MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9C53MS

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:13:57 PM

Quant Time: Aug 09 06:07:41 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	238772	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1172649	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	623218	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1240177	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1136226	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	943260	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1425676	22.08	ng/ul	0.00
10) Fluorene-d10	16.47	176	924577	20.59	ng/ul	0.00
14) Anthracene-d10	18.30	188	1307116	21.72	ng/ul	0.00
18) Pyrene-d10	20.52	212	1283426	23.29	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	973758	19.44	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	15.56	153	939106	20.83	ng/ul	99
13) Phenanthrene	18.25	178	127536	1.79	ng/ul	99
16) Fluoranthene	20.19	202	244604	3.09	ng/ul	99
19) Pyrene	20.55	202	1821250	24.79	ng/ul	99
20) Benzo(a)anthracene	22.27	228	142672	2.06	ng/ul	97
21) Chrysene	22.33	228	162132m	2.47	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	265694	4.53	ng/ul#	95
24) Benzo(k)fluoranthene	24.21	252	71127m	1.26	ng/ul	
26) Benzo(a)pyrene	24.87	252	135537	2.42	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	27.83	276	105099	1.63	ng/ul	94
29) Benzo(g,h,i)perylene	28.73	276	100517	1.85	ng/ul	93

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

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Instrument :
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ClientSampleId :
D9C53MS

Manual Integrations APPROVED
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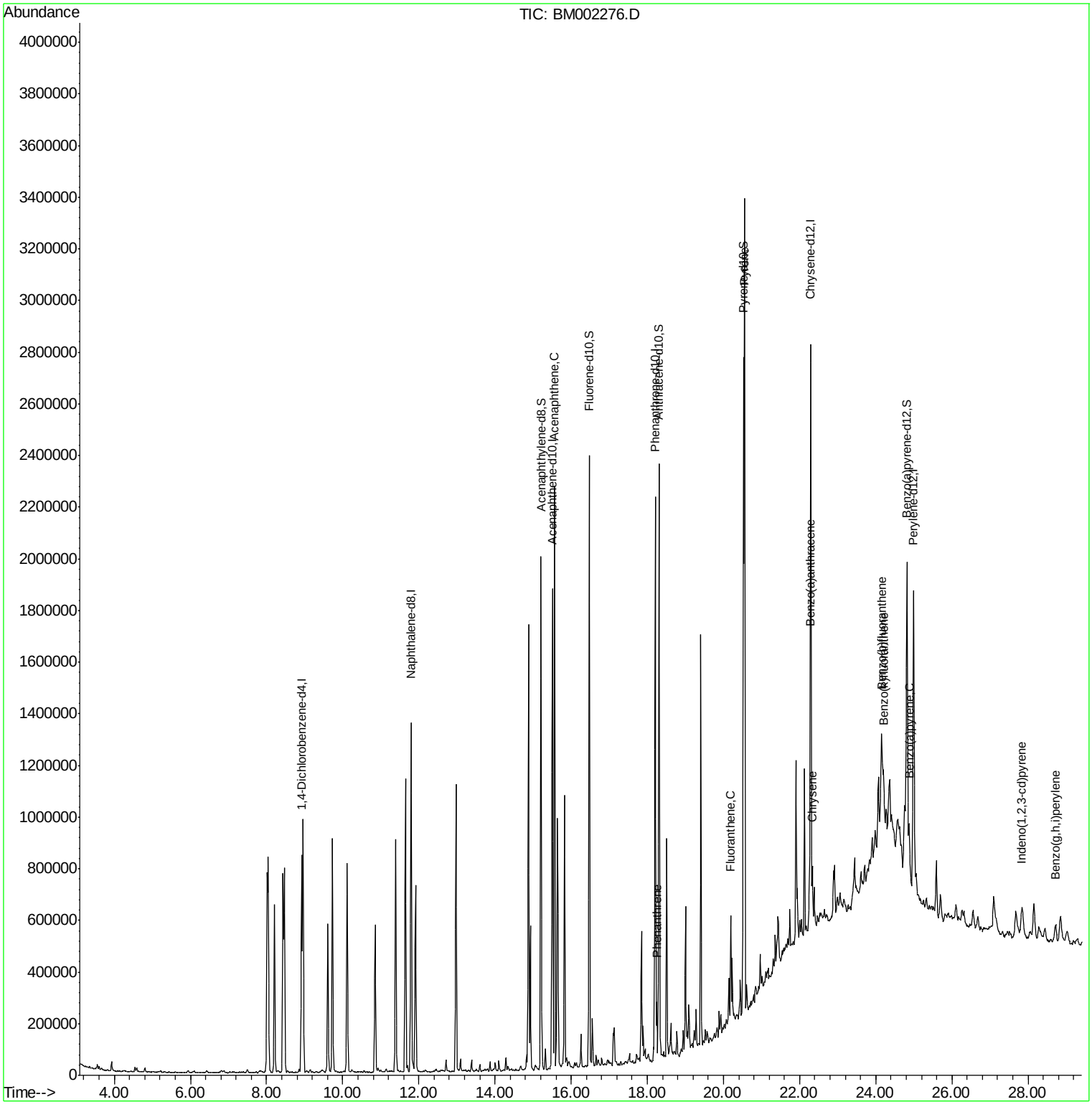
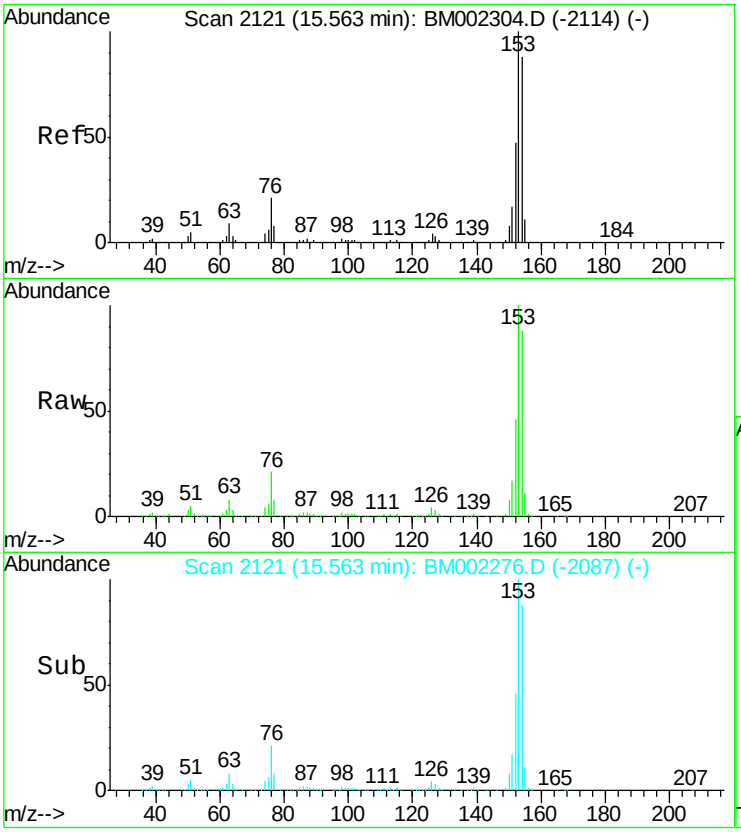
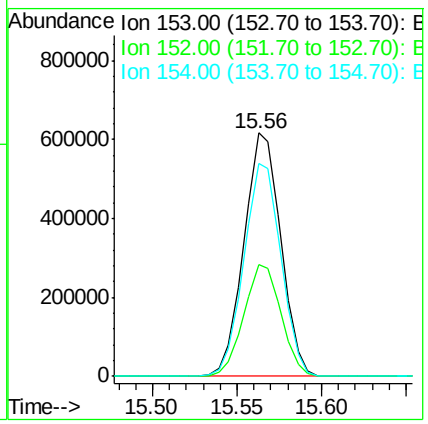




#9
Acenaphthene
Concen: 20.83 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:153 Resp: 939106

Ion	Ratio	Lower	Upper
153	100		
152	46.1	36.6	55.0
154	87.5	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
D9C53MS

Manual Integrations APPROVED
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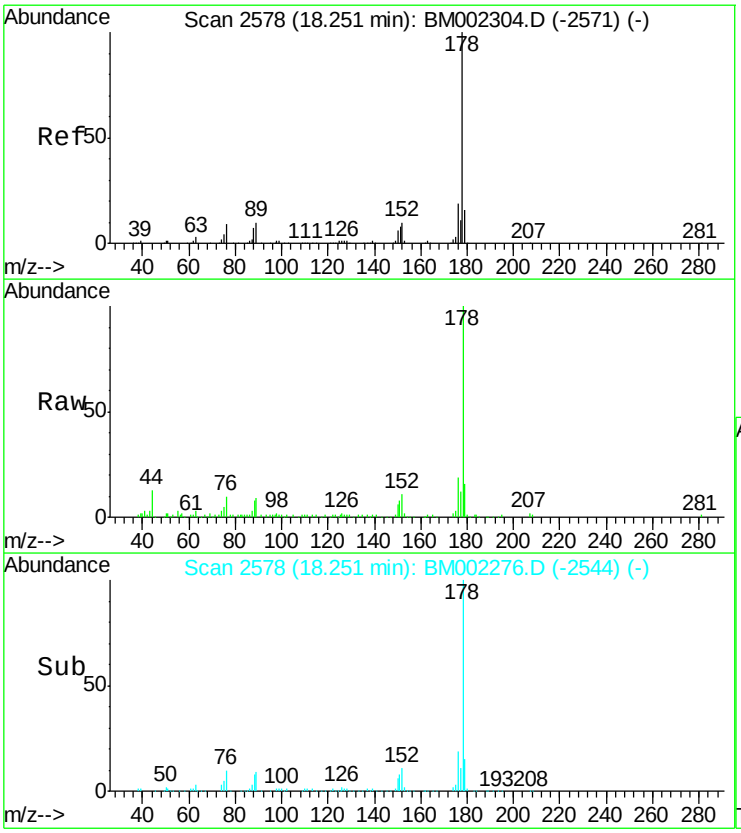
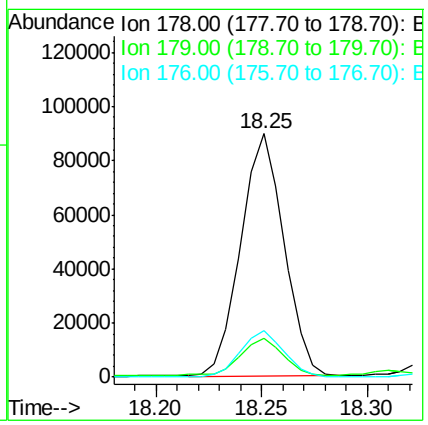
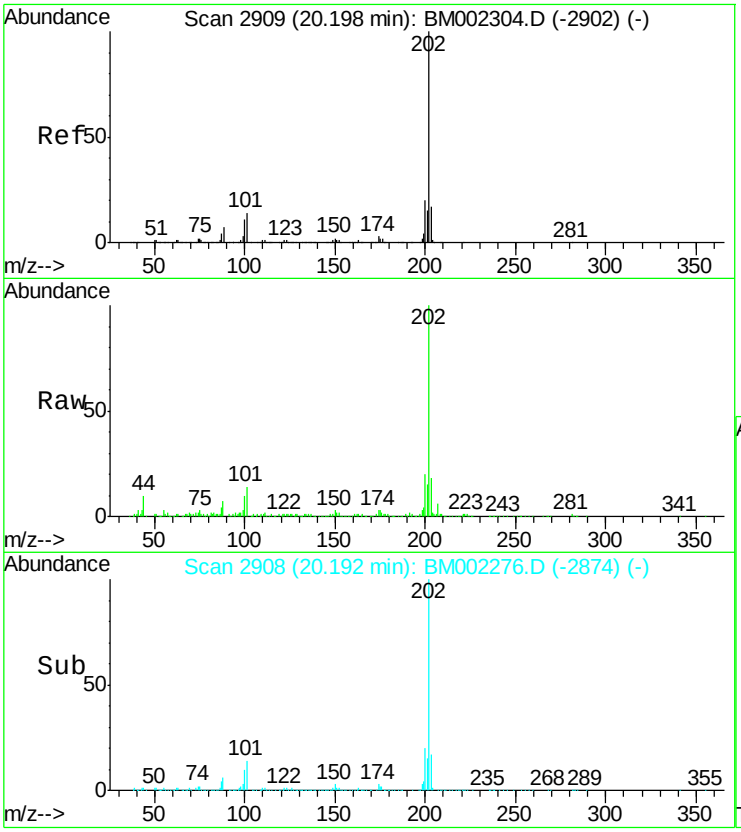


#13
Phenanthrene
Concen: 1.79 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:178 Resp: 127536

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.3	22.9

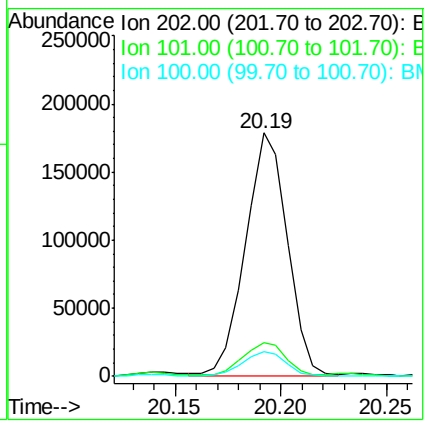




#16
Fluoranthene
Concen: 3.09 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:202 Resp: 244604

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	15.8
100	10.2	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
D9C53MS

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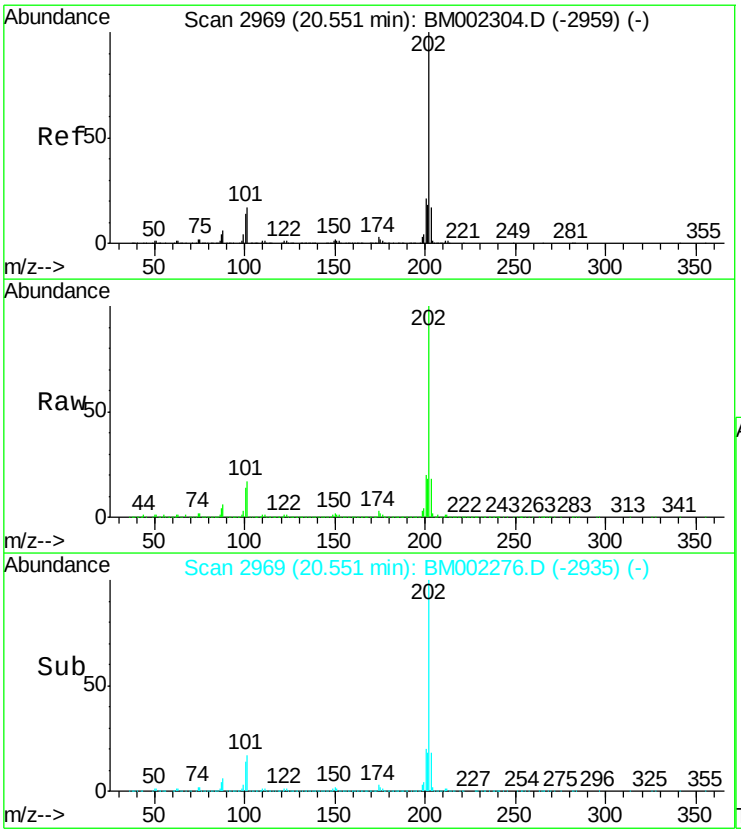
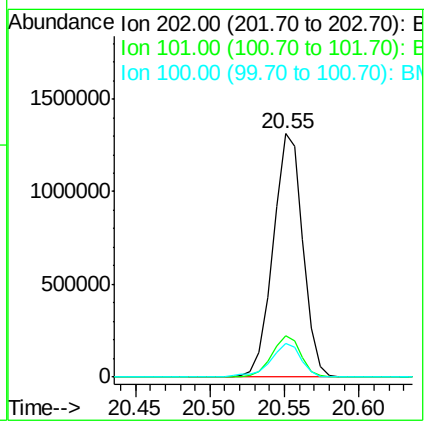
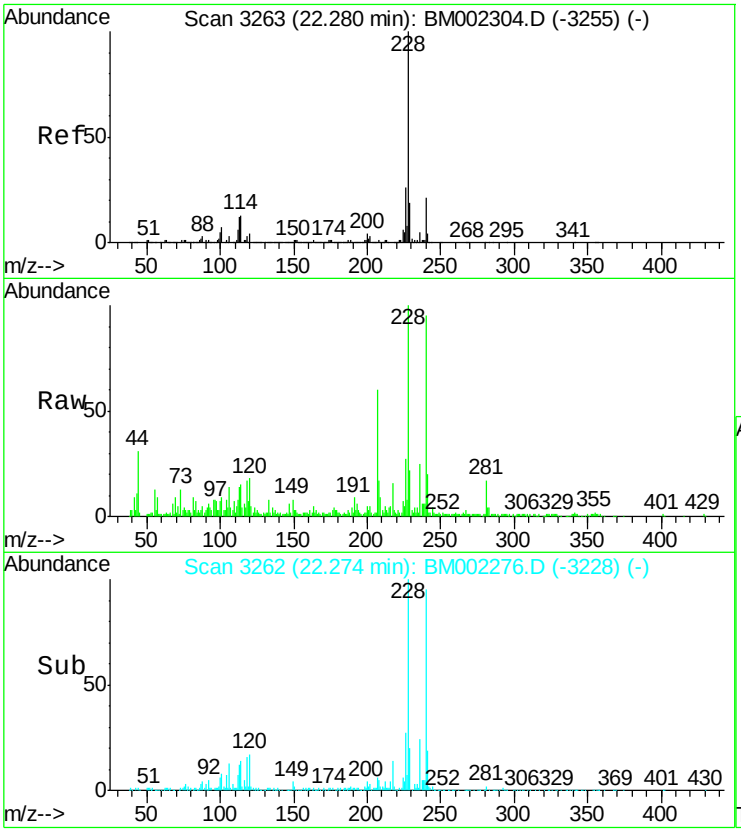


#19
Pyrene
Concen: 24.79 ng/ul
RT: 20.55 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:202 Resp: 1821250

Ion	Ratio	Lower	Upper
202	100		
101	16.9	13.0	19.6
100	14.0	11.0	16.4





#20
Benzo(a)anthracene
Concen: 2.06 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:228 Resp: 142672

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	27.4	21.4	32.0

Instrument :
BNA_M
ClientSampleId :
D9C53MS

Manual Integrations APPROVED
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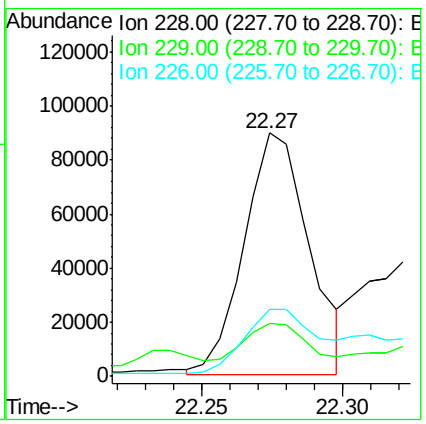
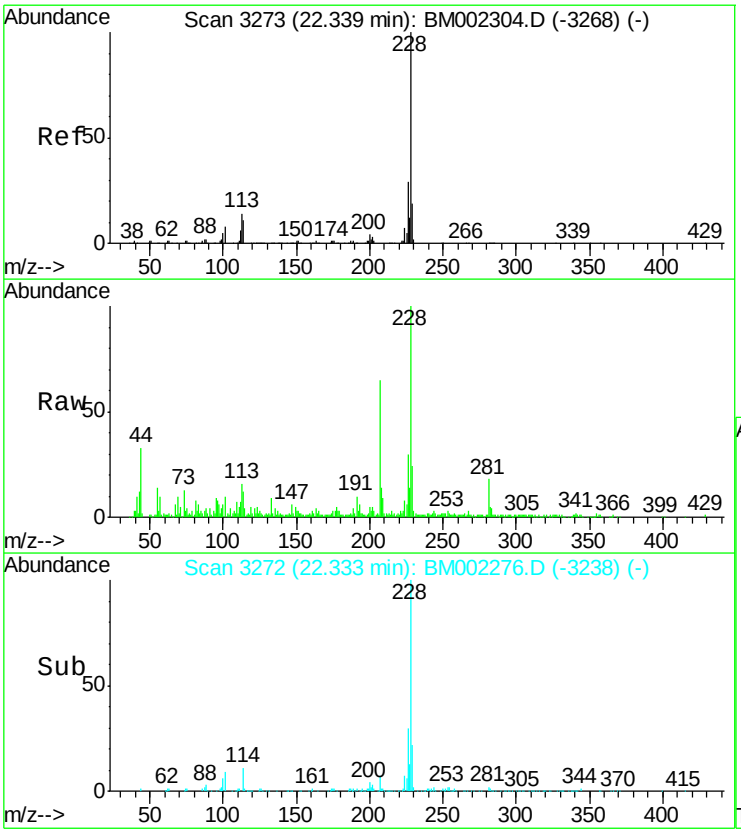
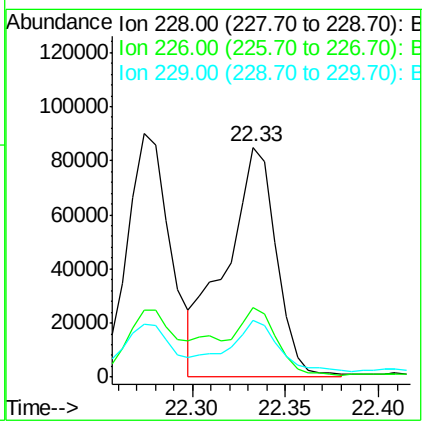


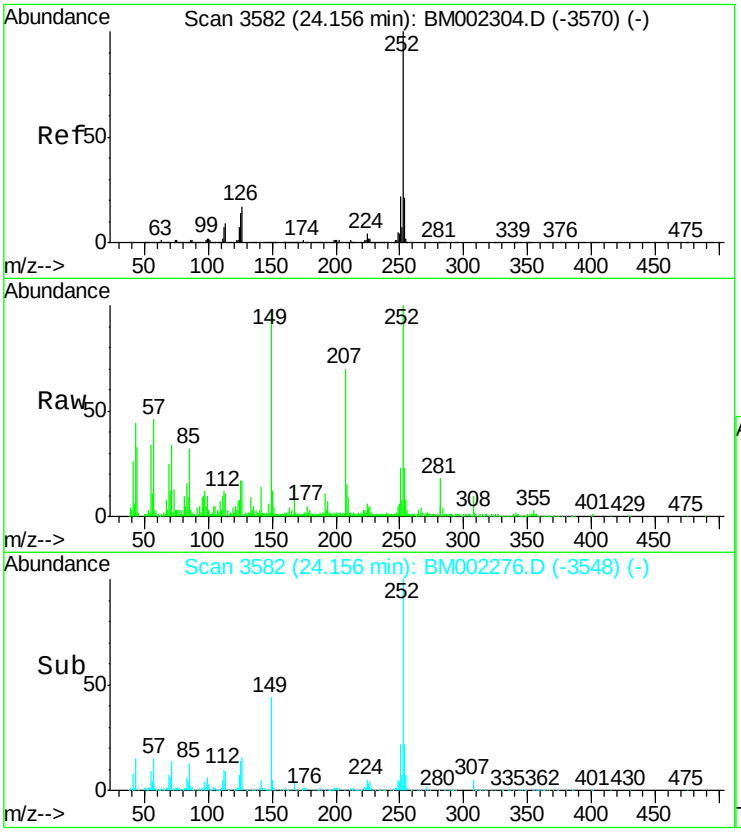


#21
Chrysene
Concen: 2.47 ng/ul m
RT: 22.33 min Scan# 3272
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:228 Resp: 162132

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	24.5	15.5	23.3#





#23
Benzo(b)fluoranthene
Concen: 4.53 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:252 Resp: 265694

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	16.9	10.3	15.5#

Instrument :
BNA_M
ClientSampleId :
D9C53MS

Manual Integrations APPROVED
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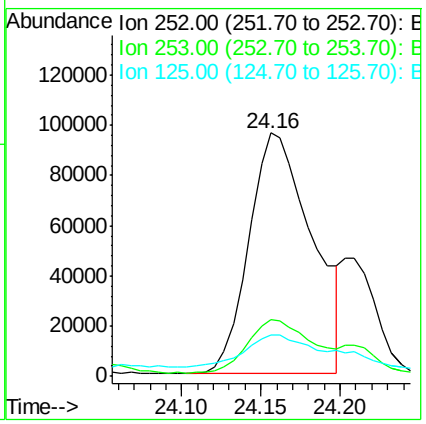
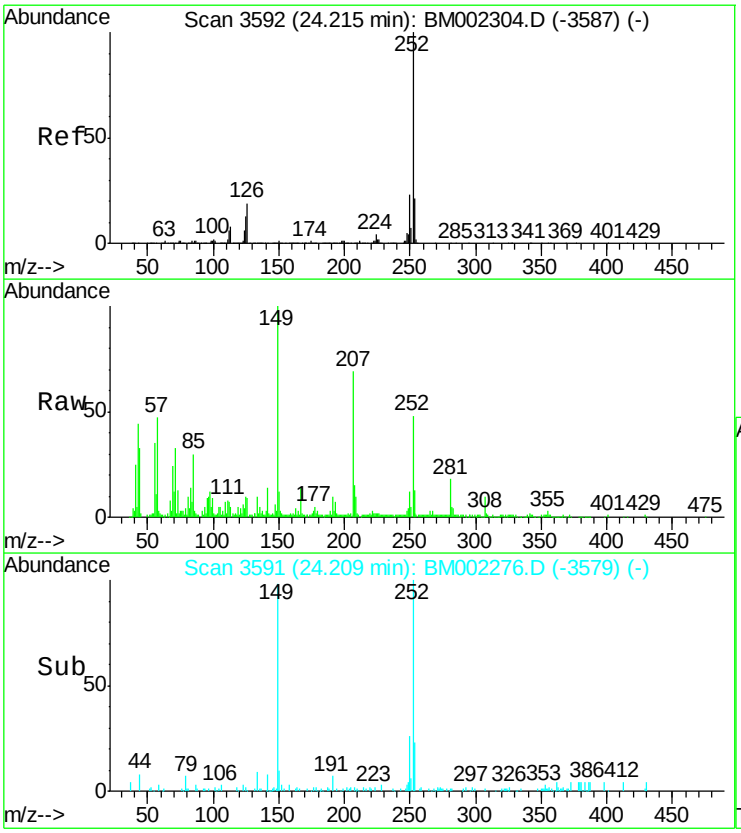
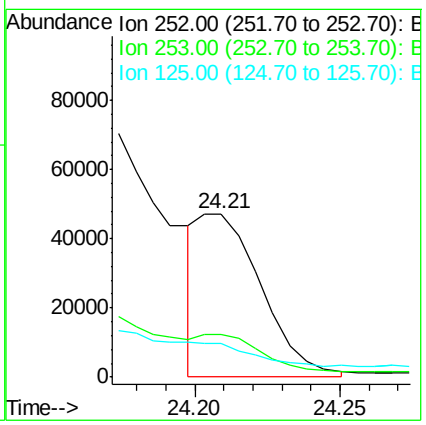


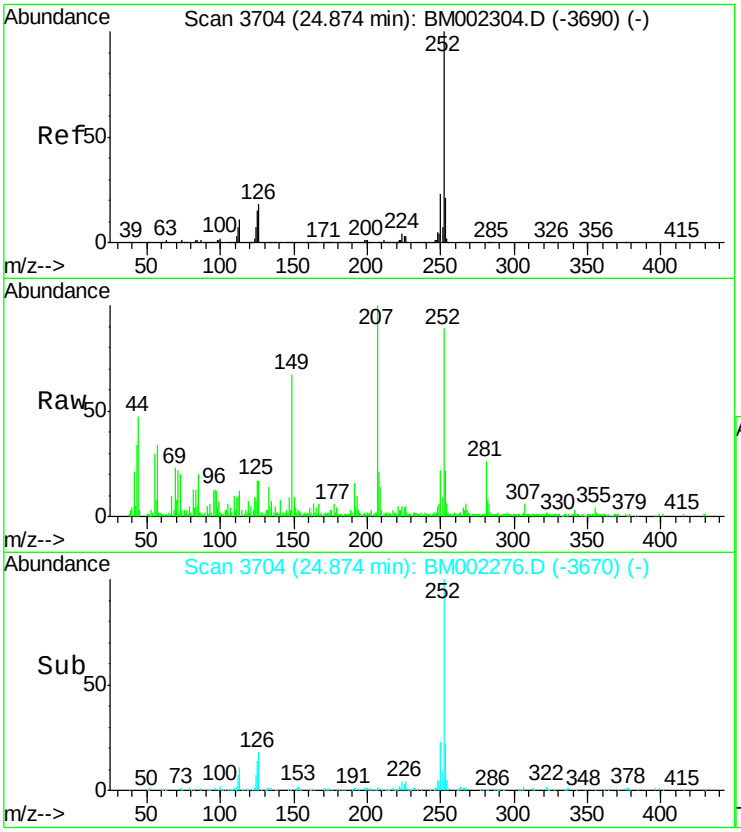


#24
Benzo(k)fluoranthene
Concen: 1.26 ng/ul m
RT: 24.21 min Scan# 3591
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:252 Resp: 71127

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	20.5	10.2	15.4#





#26
Benzo(a)pyrene
Concen: 2.42 ng/ul
RT: 24.87 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:252 Resp: 135537

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	18.8	11.0	16.6#

Instrument :
BNA_M
ClientSampleId :
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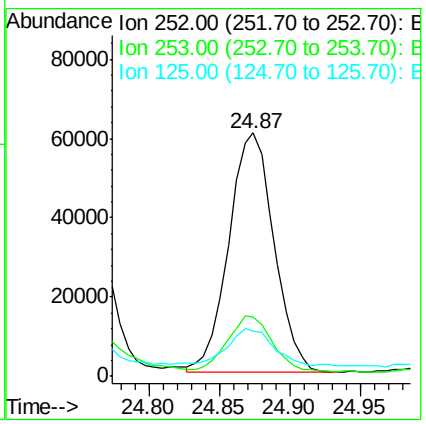
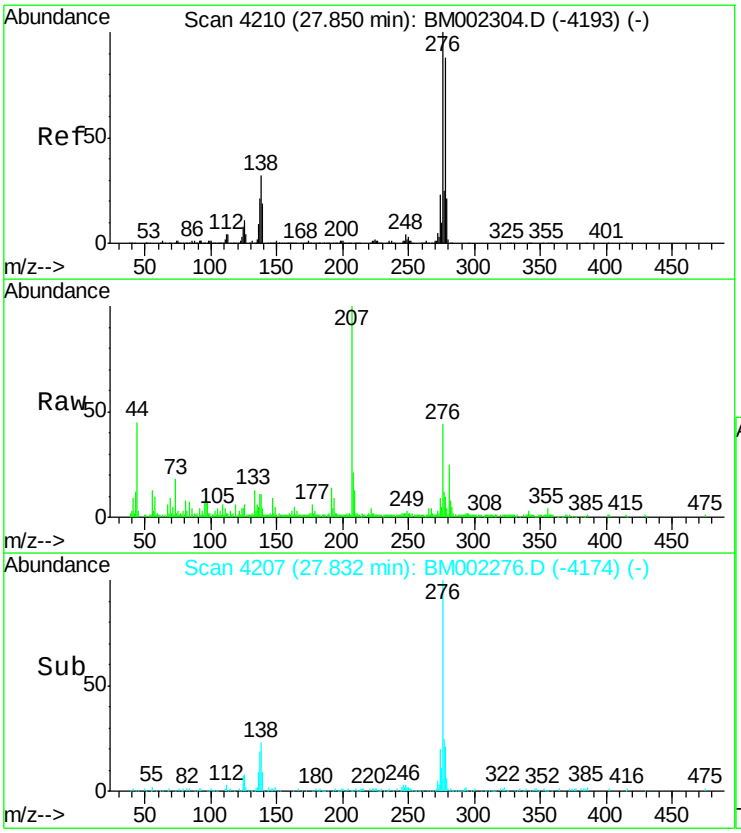
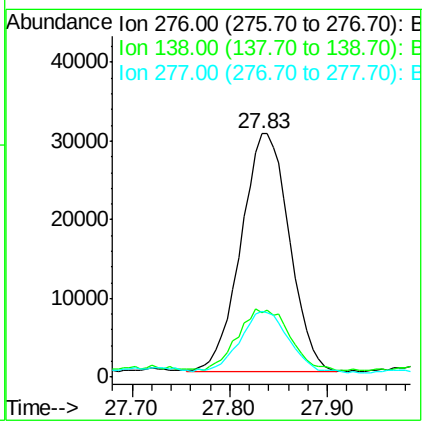


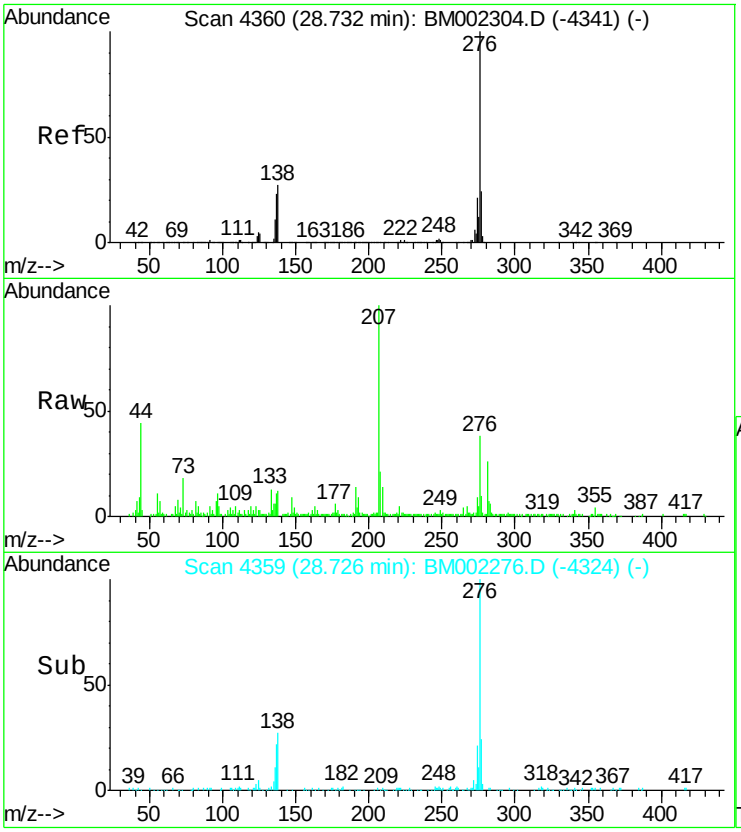


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.63 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. -0.01 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:276 Resp: 105099

Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.6	38.4
277	26.9	21.0	31.4

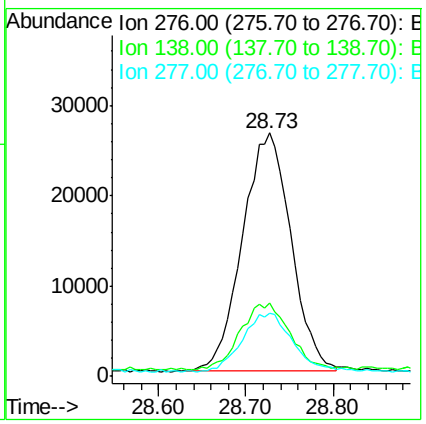




#29
Benzo(g,h,i)perylene
Concen: 1.85 ng/ul
RT: 28.73 min Scan# 4359
Delta R.T. 0.01 min
Lab File: BM002276.D
Acq: 08 Aug 2015 14:35

Tgt Ion:276 Resp: 100517

Ion	Ratio	Lower	Upper
276	100		
138	30.4	20.5	30.7
277	25.8	19.0	28.6



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