Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002632.D
Acq On : 01 Sep 2015 17:19
Operator : UM/IZ
Sample : G3457-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EB5

Manual Integrations APPROVED
MMDadoda
9/2/2015 1:36:05 PM

Quant Time: Sep 01 18:05:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 07:11:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	123739	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	559157	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	271096	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	518337	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	409681	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	423286	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	621424	22.42	ng/ul	0.00
10) Fluorene-d10	16.34	176	406374	20.87	ng/ul	0.00
14) Anthracene-d10	18.17	188	534059	21.36	ng/ul	0.00
18) Pyrene-d10	20.40	212	349328	19.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	241100	10.84	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	67017	2.24	ng/ul	99
16) Fluoranthene	20.07	202	119619	3.53	ng/ul	98
19) Pyrene	20.43	202	99784	4.16	ng/ul	99
20) Benzo(a)anthracene	22.14	228	57498	2.35	ng/ul	96
21) Chrysene	22.20	228	57298m	2.50	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	86880	3.40	ng/ul#	91
26) Benzo(a)pyrene	24.67	252	57430	2.35	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.56	276	44425	1.58	ng/ul	97
29) Benzo(g,h,i)perylene	28.42	276	50277	2.15	ng/ul#	92

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

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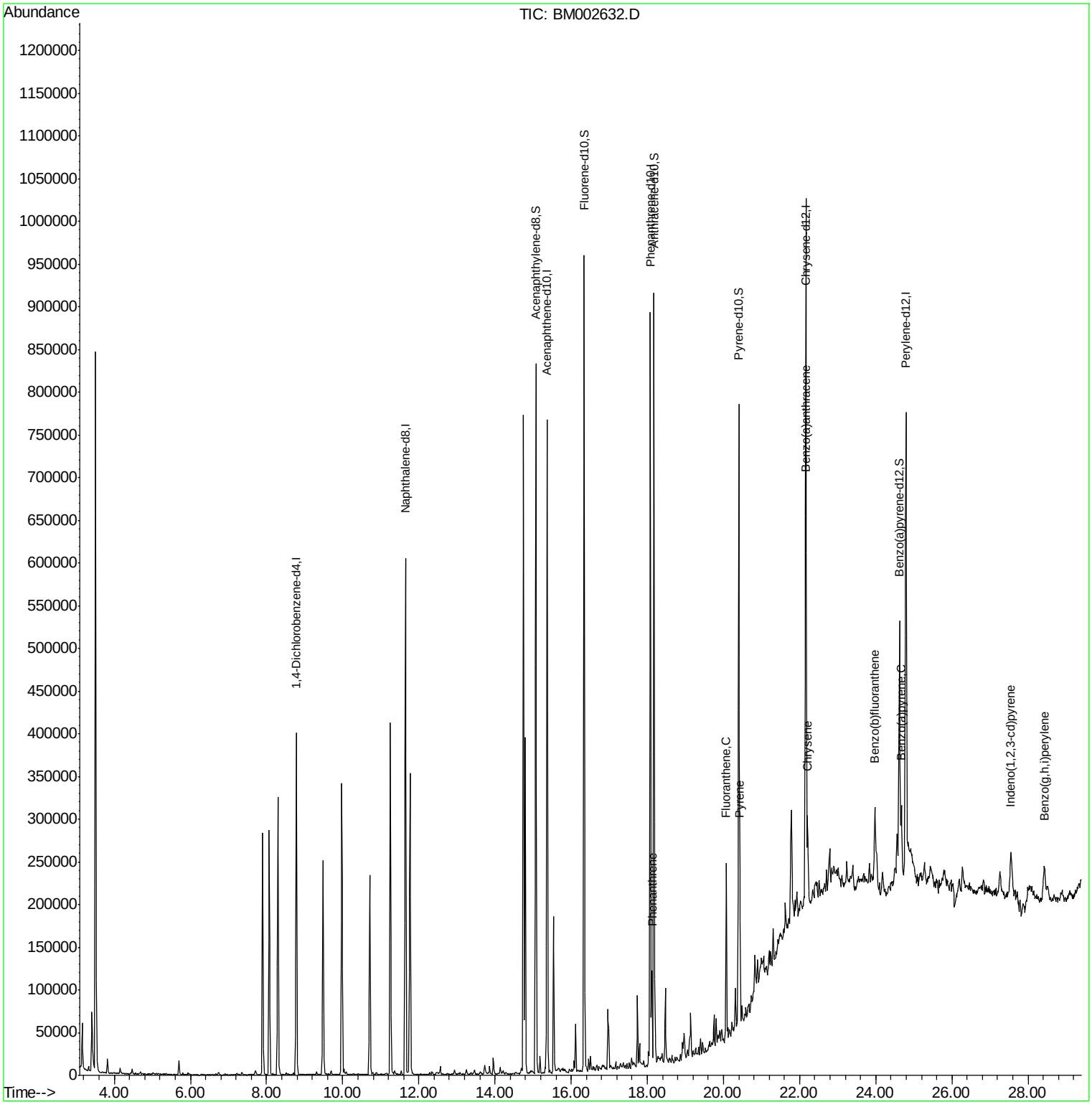
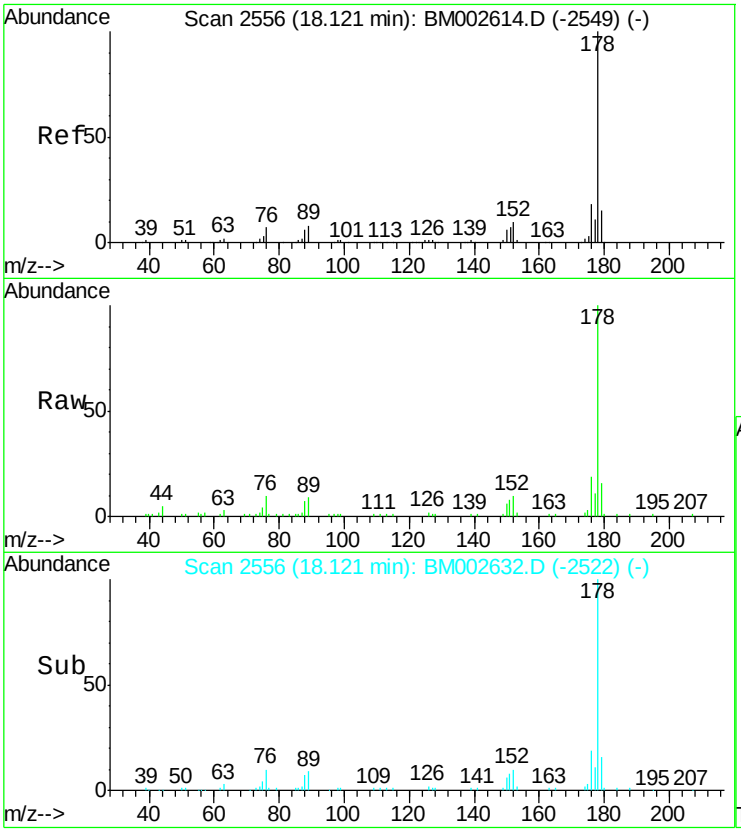
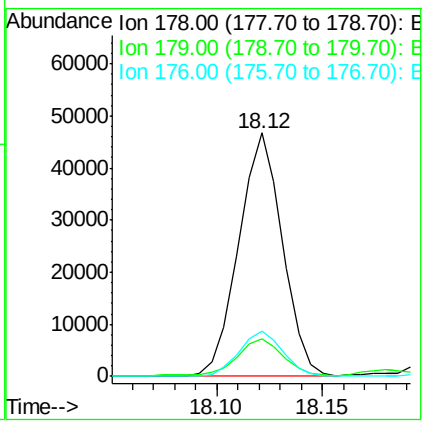




#13
Phenanthrene
Concen: 2.24 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:178 Resp: 67017

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.5	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9EB5

Manual Integrations APPROVED
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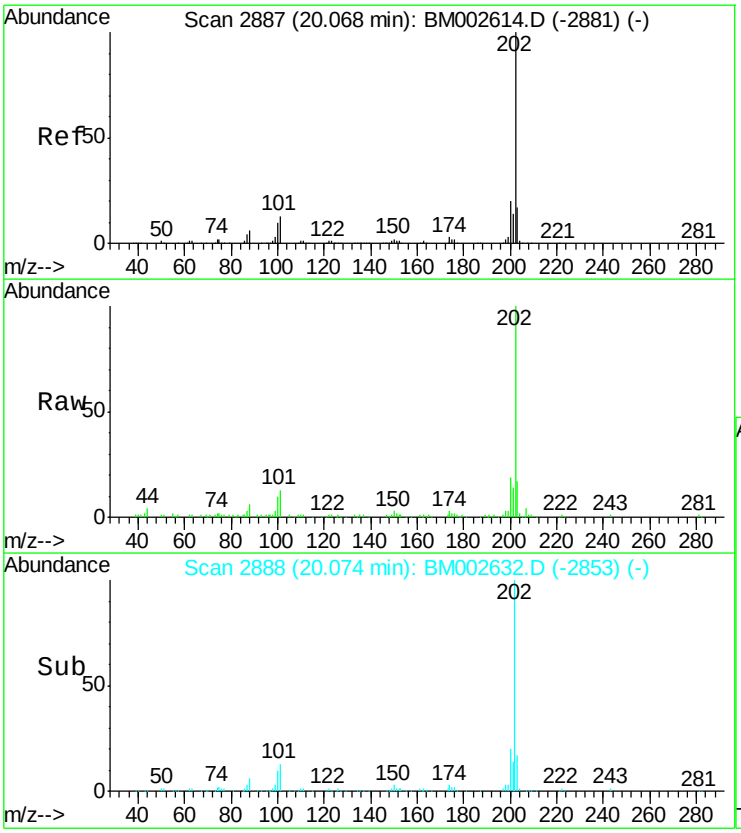
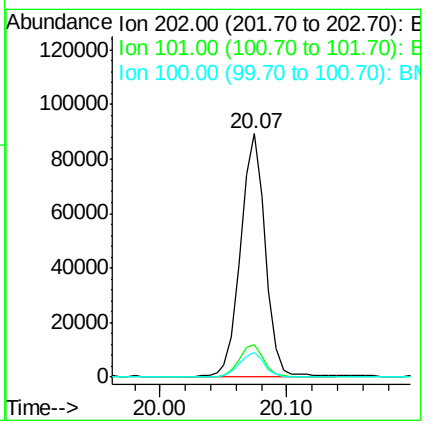
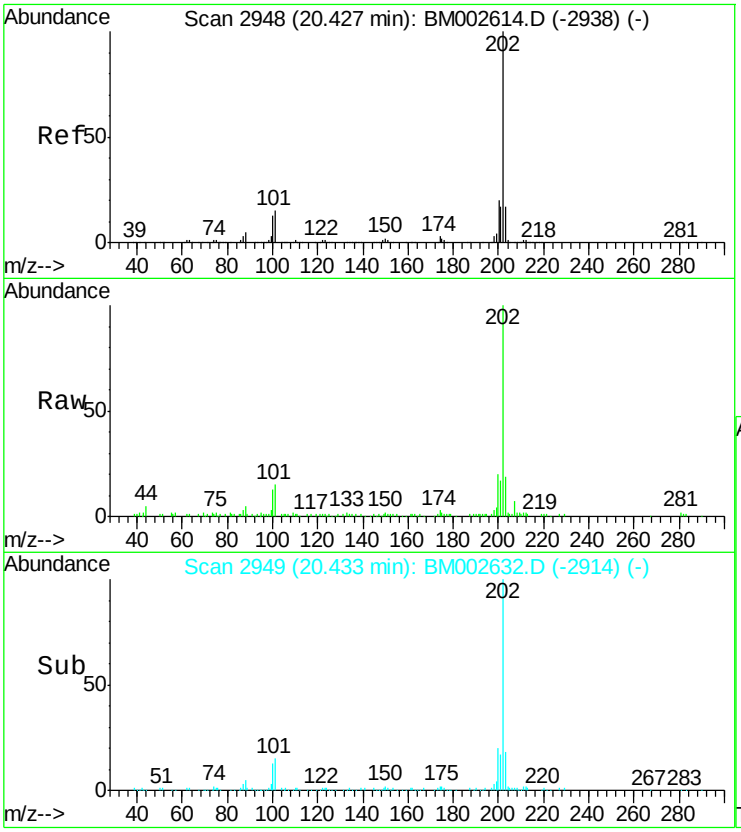


#16
Fluoranthene
Concen: 3.53 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:202 Resp: 119619

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.7	14.5
100	10.1	7.4	11.2

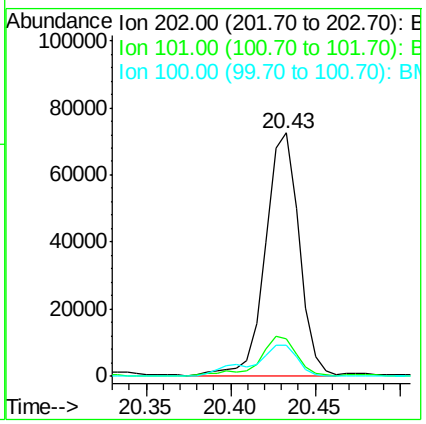




#19
Pyrene
Concen: 4.16 ng/ul
RT: 20.43 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:202 Resp: 99784

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.0	18.0
100	12.6	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9EB5

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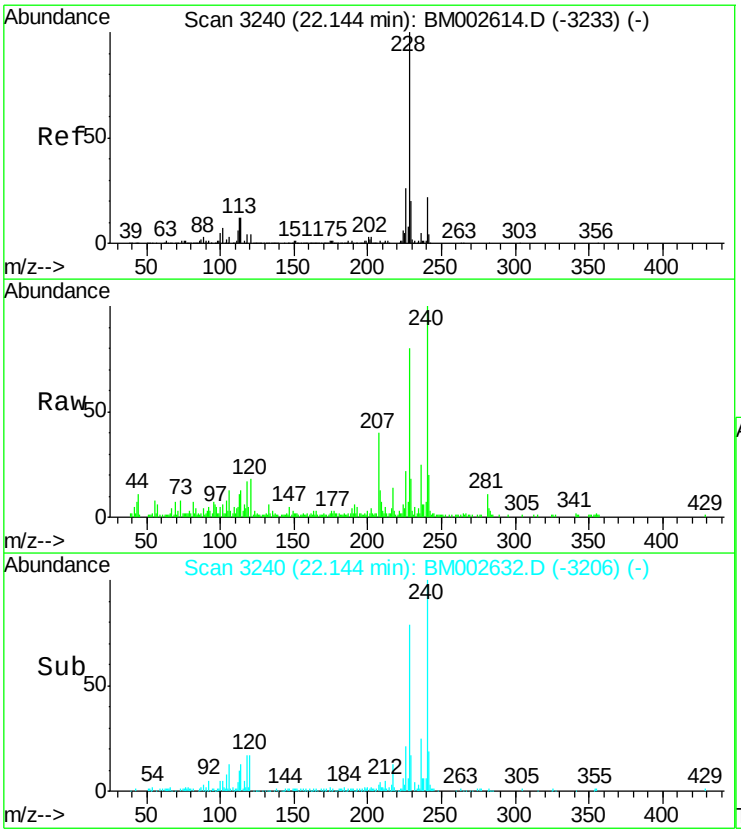
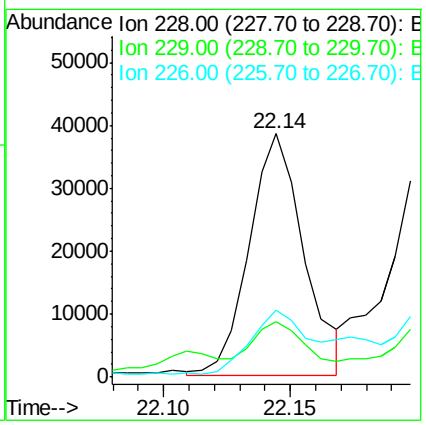
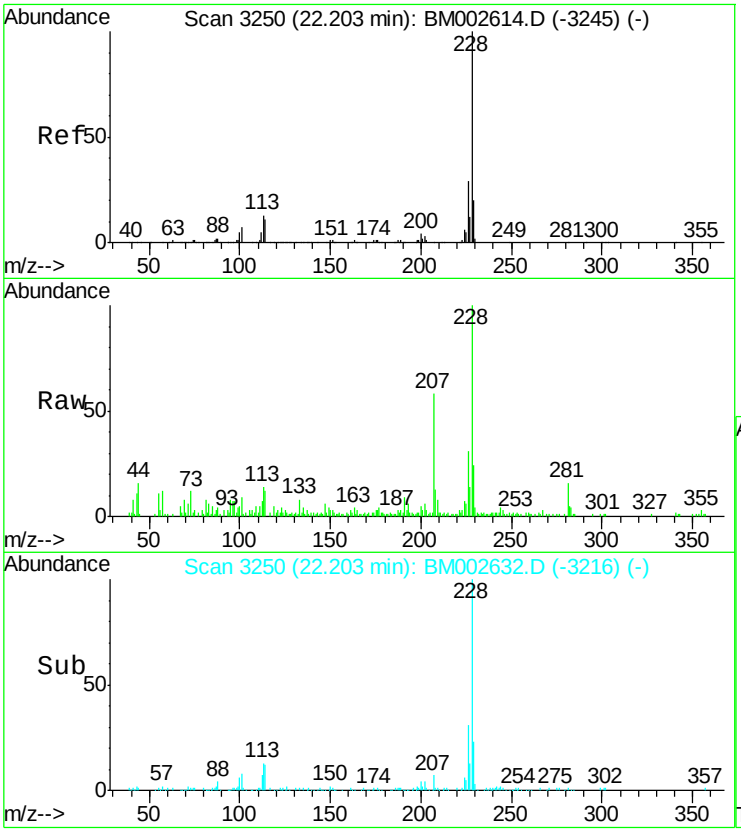


#20
Benzo(a)anthracene
Concen: 2.35 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:228 Resp: 57498

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.6
226	27.6	21.1	31.7





#21
Chrysene
Concen: 2.50 ng/ul m
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:228 Resp: 57298

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	24.3	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
D9EB5

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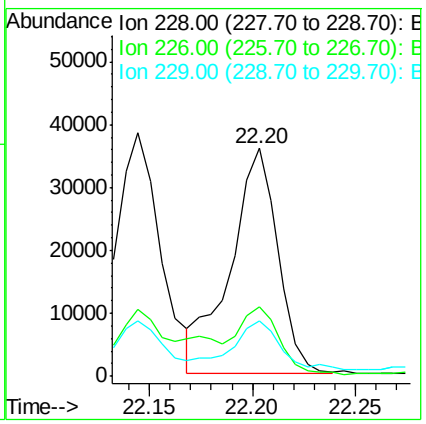
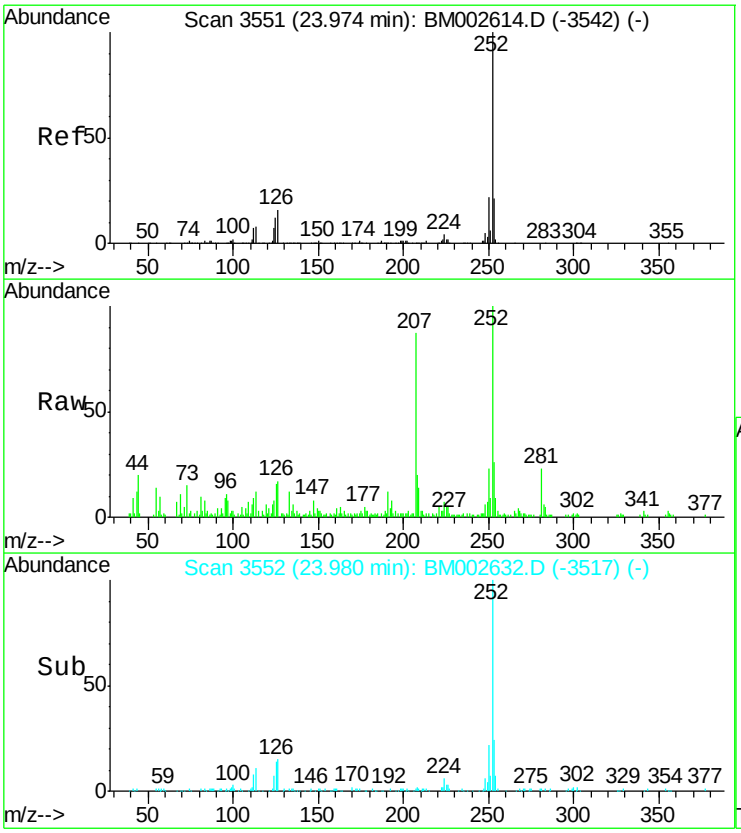
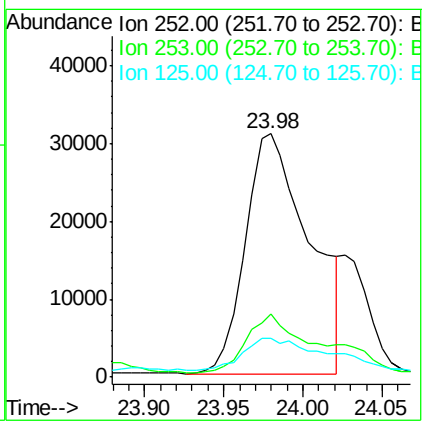


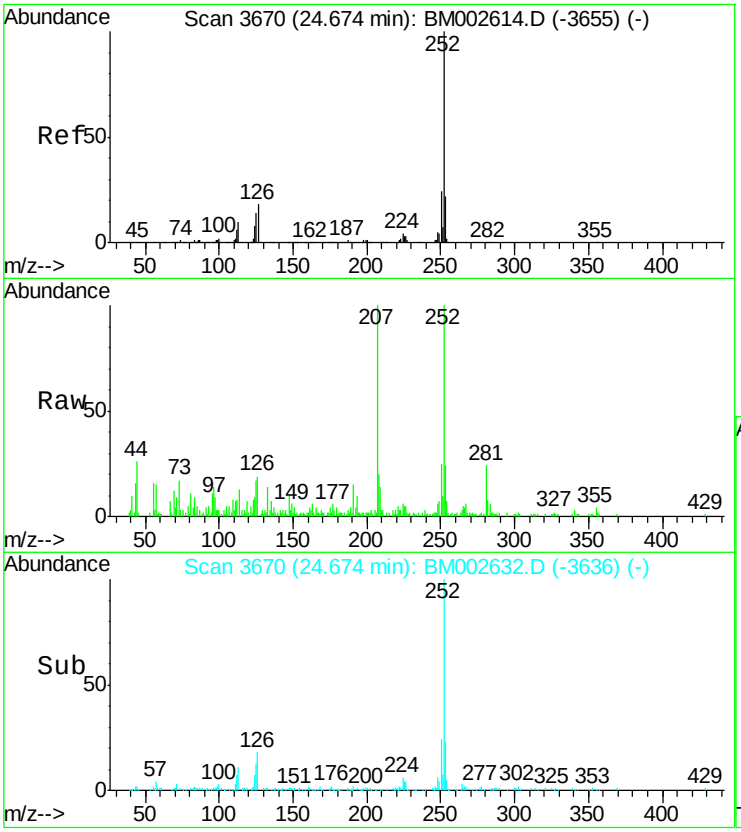


#23
Benzo(b)fluoranthene
Concen: 3.40 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:252 Resp: 86880

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.0
125	15.8	10.0	15.0#

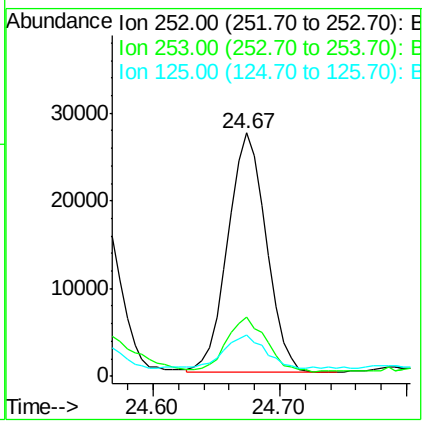




#26
Benzo(a)pyrene
Concen: 2.35 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.00 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:252 Resp: 57430

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.6	26.4
125	16.8	10.7	16.1#



Instrument :
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ClientSampleId :
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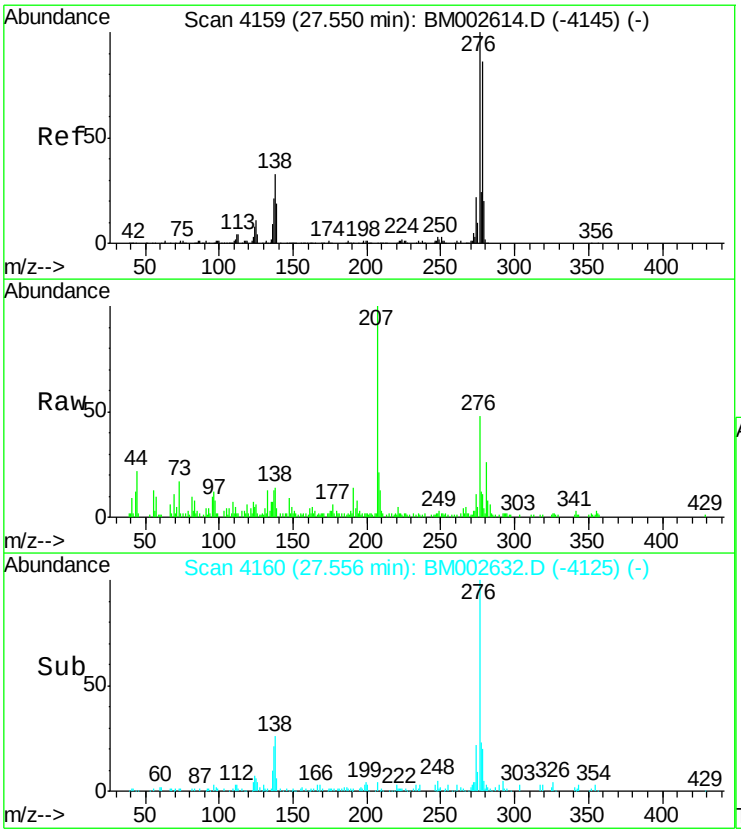
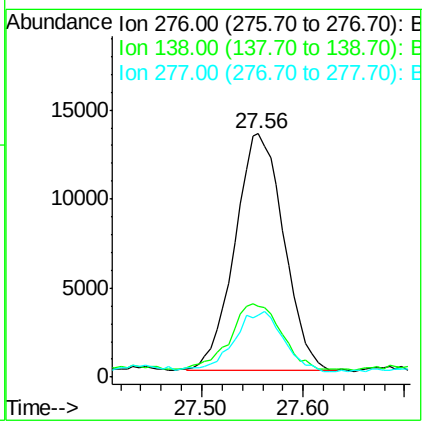
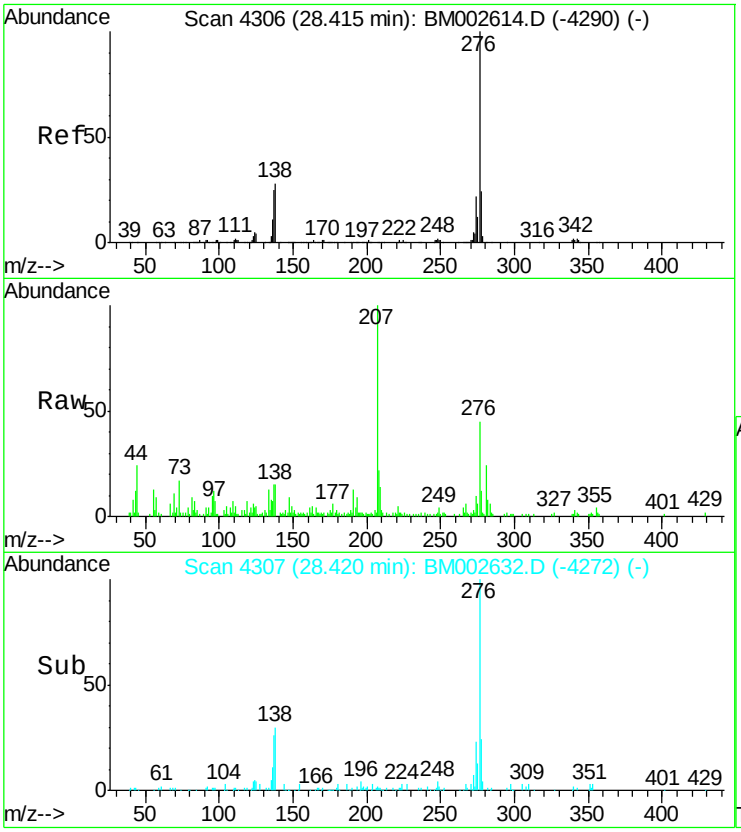


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.58 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. 0.01 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:276 Resp: 44425

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.3	37.9
277	25.2	20.2	30.2

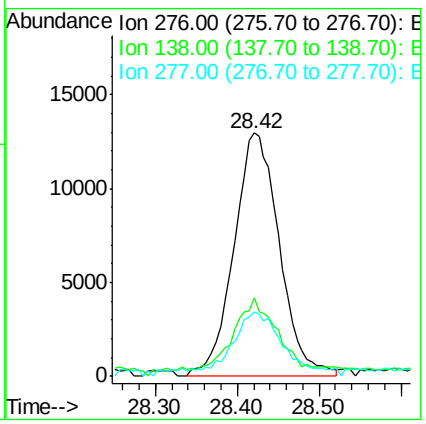




#29
Benzo(g,h,i)perylene
Concen: 2.15 ng/ul
RT: 28.42 min Scan# 4307
Delta R.T. 0.01 min
Lab File: BM002632.D
Acq: 01 Sep 2015 17:19

Tgt Ion:276 Resp: 50277

Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.0	31.6#
277	26.6	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
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