Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009557.D
Acq On : 05 Apr 2017 14:46
Operator : SJ/MA
Sample : I2285-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB332

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM

Quant Time: Apr 05 18:33:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 05 13:39:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	118559	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	452496	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	258236	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	610150	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	870784	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	838843	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	31142	4.48	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	533908	21.10	ng/ul	0.00
10) Fluorene-d10	15.48	176	422749	23.22	ng/ul	0.00
15) Anthracene-d10	17.33	188	680091	23.30	ng/ul	0.00
19) Pyrene-d10	19.63	212	828874	23.16	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	864196	23.33	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.27	178	103661	3.02	ng/ul	99
17) Fluoranthene	19.29	202	256652	6.01	ng/ul#	93
20) Pyrene	19.65	202	240313	5.07	ng/ul#	94
21) Benzo(a)anthracene	21.39	228	151593	3.08	ng/ul	99
22) Chrysene	21.45	228	155559	3.45	ng/ul	99
24) Benzo(b)fluoranthene	23.03	252	235549	4.54	ng/ul#	88
27) Benzo(a)pyrene	23.63	252	130679m	2.65	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	106332	1.92	ng/ul#	89
30) Benzo(g,h,i)perylene	26.81	276	97569	2.14	ng/ul#	89

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

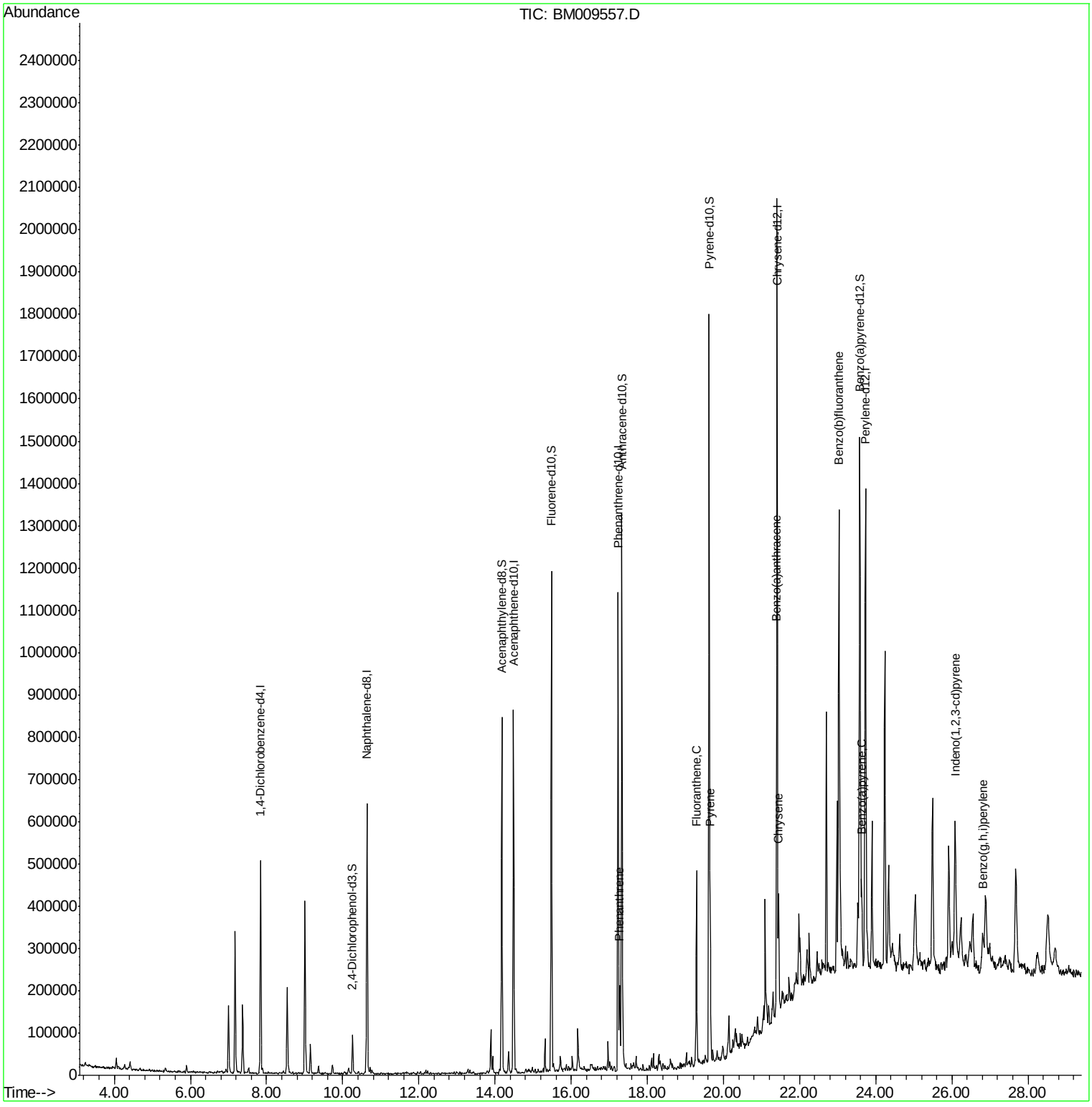
Quantitation Report (QT Reviewed)

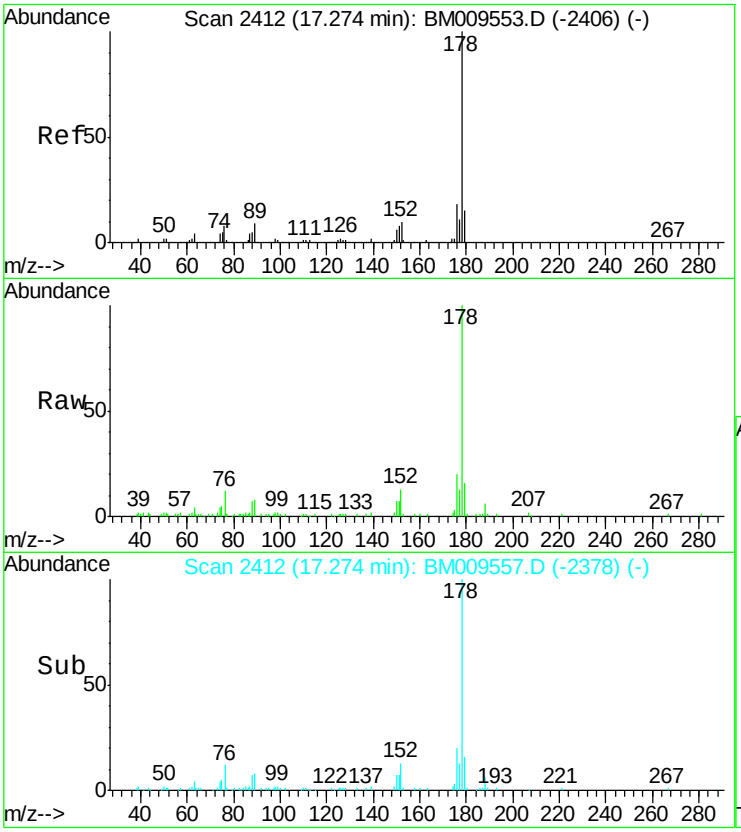
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009557.D
Acq On : 05 Apr 2017 14:46
Operator : SJ/MA
Sample : I2285-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 05 18:33:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 05 13:39:58 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB332

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM





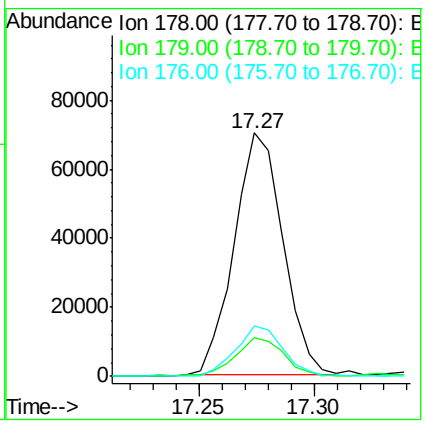
#14
Phenanthrene
Concen: 3.02 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

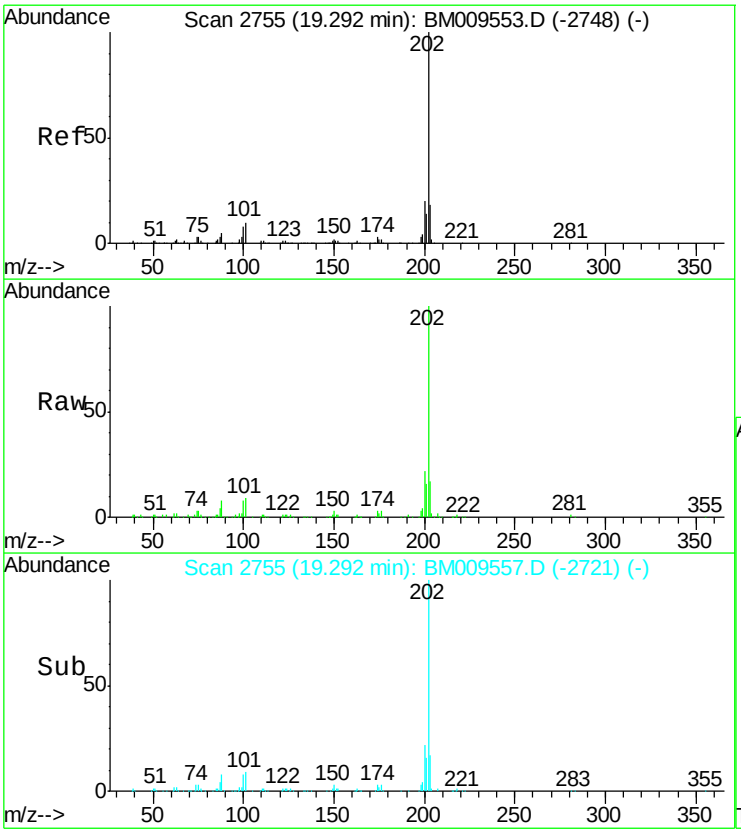
Tgt Ion:178 Resp: 103661

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	20.4	16.4	24.6

Instrument :
BNA_M
ClientSampleId :
CB332

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM

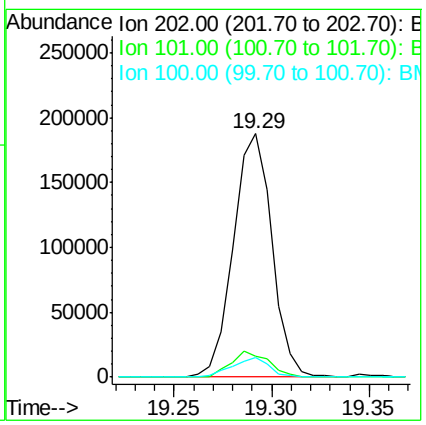


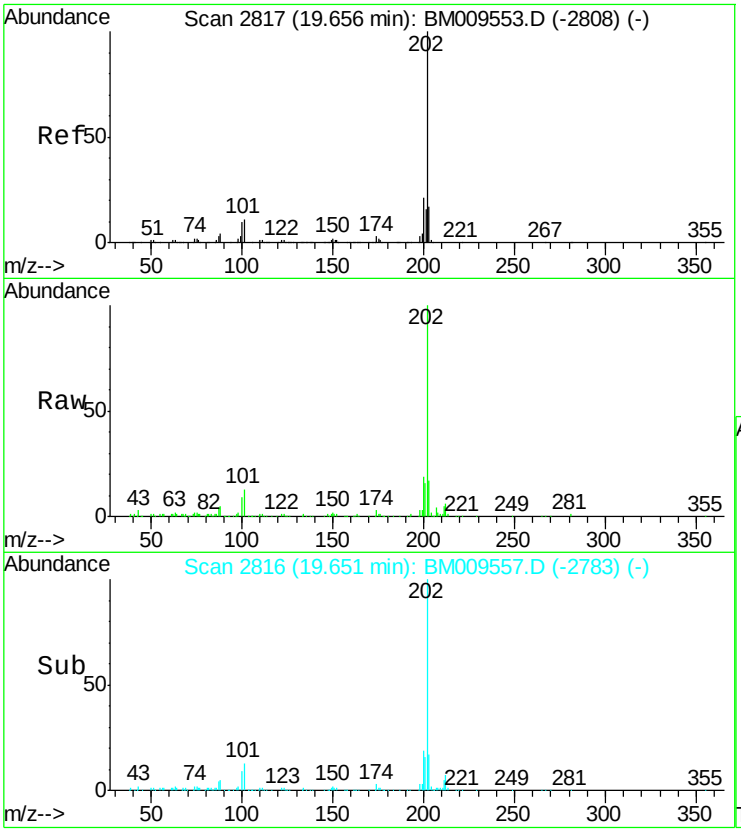


#17
Fluoranthene
Concen: 6.01 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

Tgt Ion:202 Resp: 256652

Ion	Ratio	Lower	Upper
202	100		
101	8.8	9.8	14.8#
100	7.9	7.5	11.3





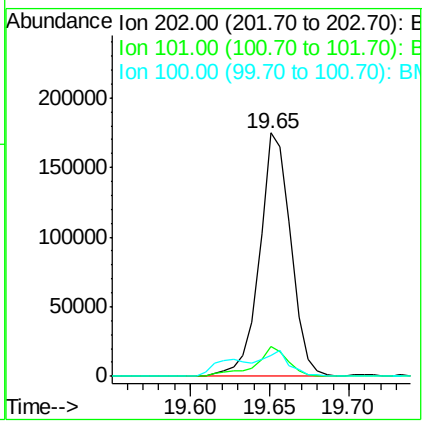
#20
Pyrene
Concen: 5.07 ng/ul
RT: 19.65 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

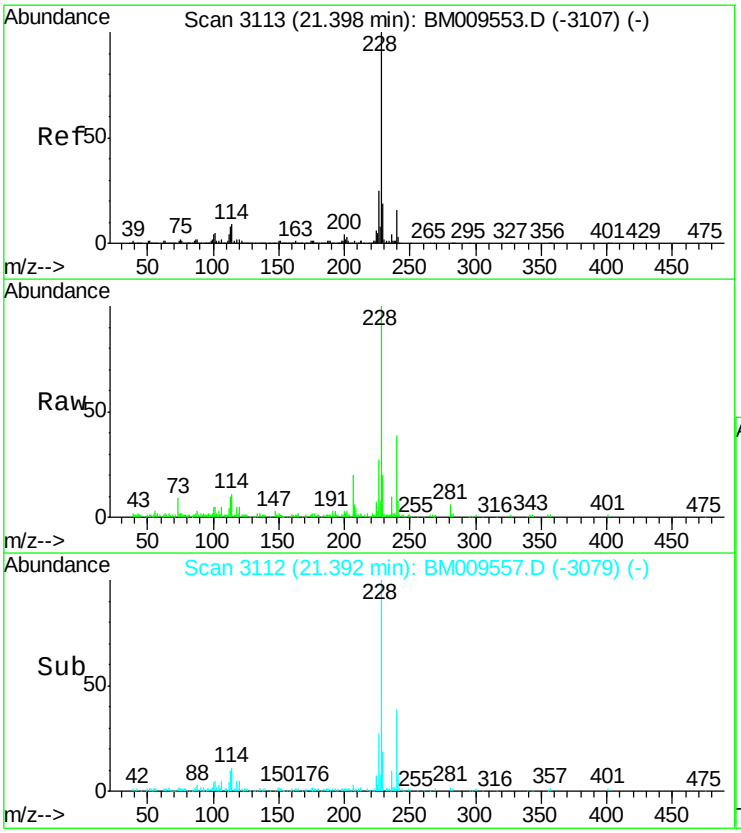
Tgt Ion:202 Resp: 240313

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.2	16.8
100	8.5	9.8	14.6#

Instrument :
BNA_M
ClientSampleId :
CB332

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM

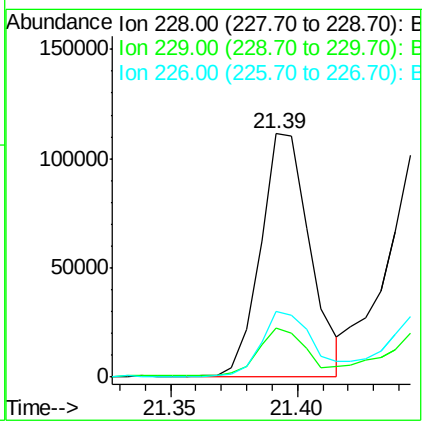


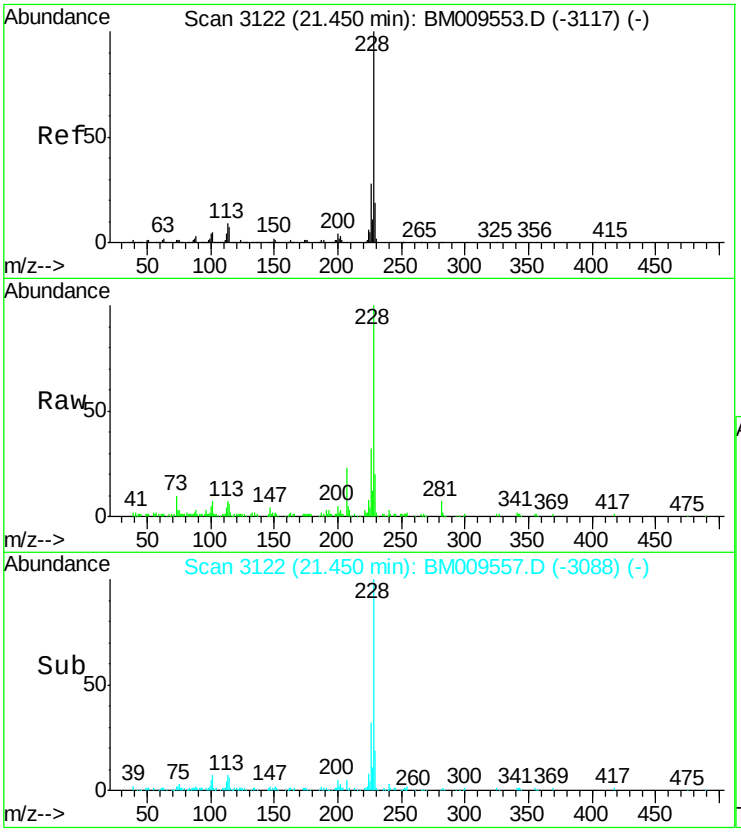


#21
Benzo(a)anthracene
Concen: 3.08 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

Tgt Ion:228 Resp: 151593

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.0	22.1	33.1

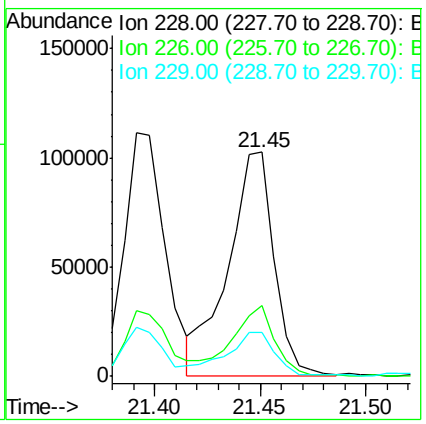




#22
Chrysene
Concen: 3.45 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

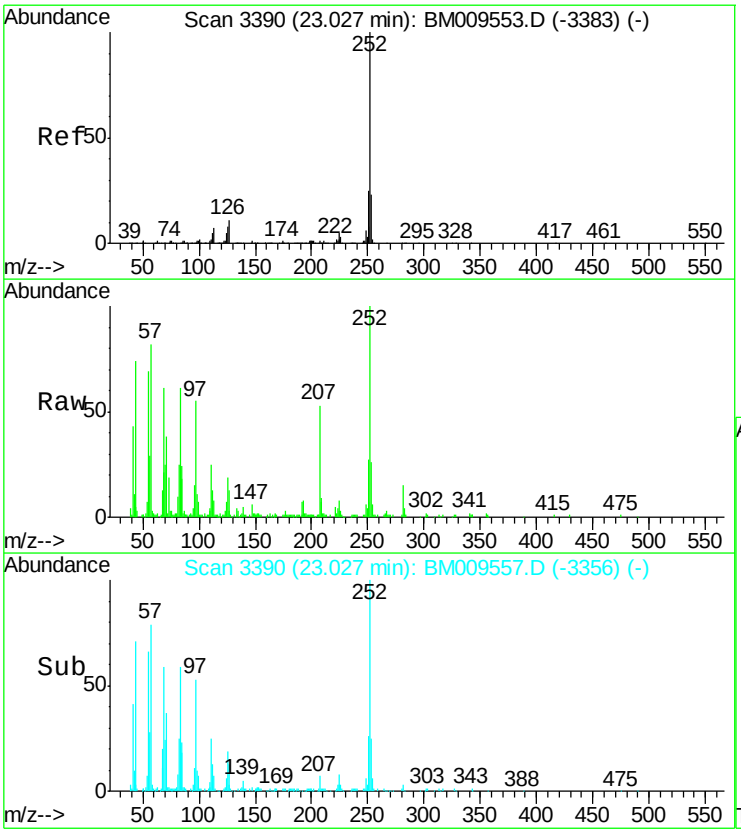
Tgt Ion:228 Resp: 155559

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	19.7	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB332

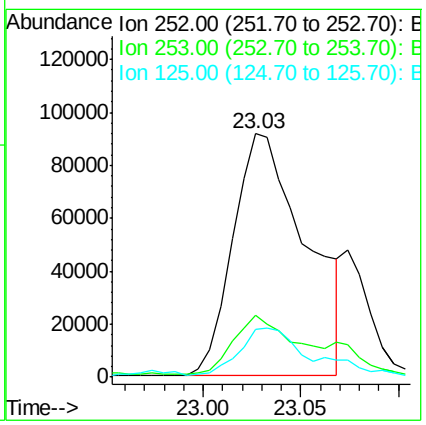
Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM

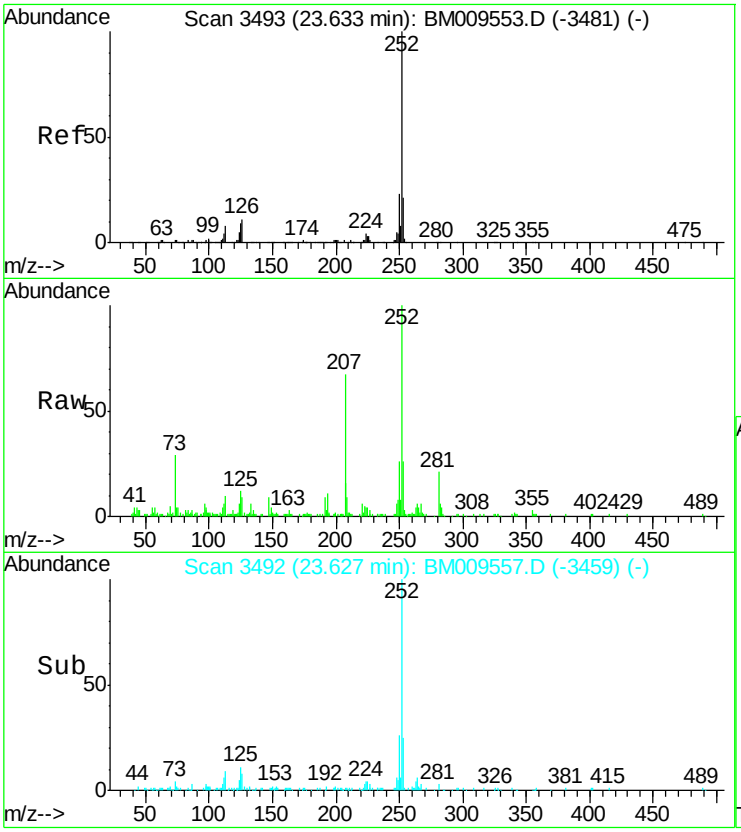


#24
Benzo(b)fluoranthene
Concen: 4.54 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

Tgt Ion:252 Resp: 235549

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	19.4	9.4	14.0#





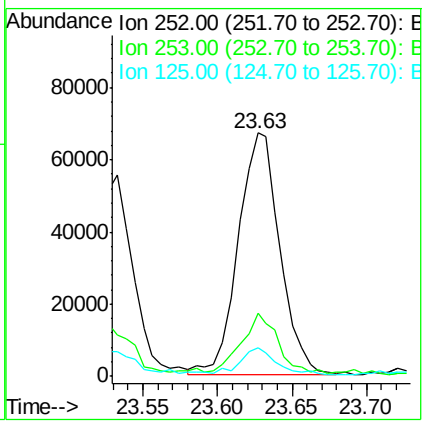
#27
Benzo(a)pyrene
Concen: 2.65 ng/ul m
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

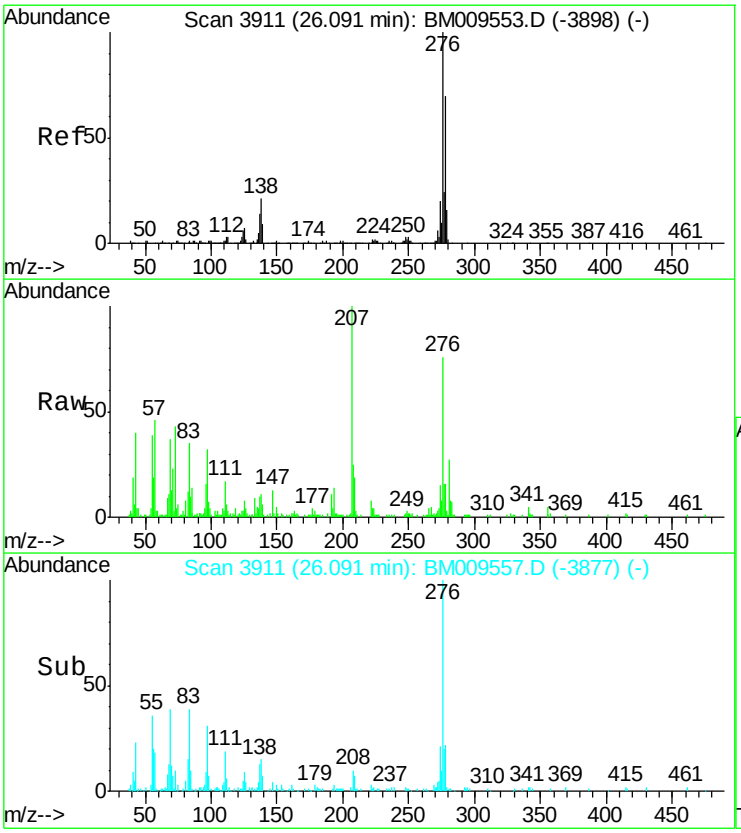
Tgt Ion:252 Resp: 130679

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	11.5	9.4	14.2

Instrument :
BNA_M
ClientSampleId :
CB332

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM

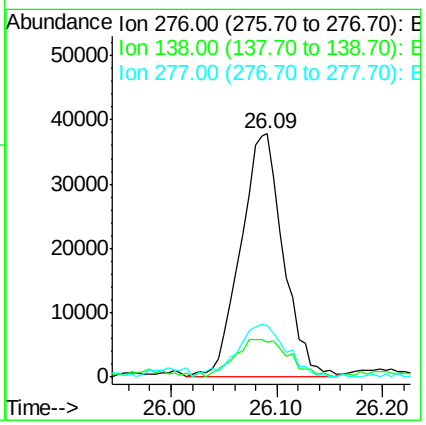


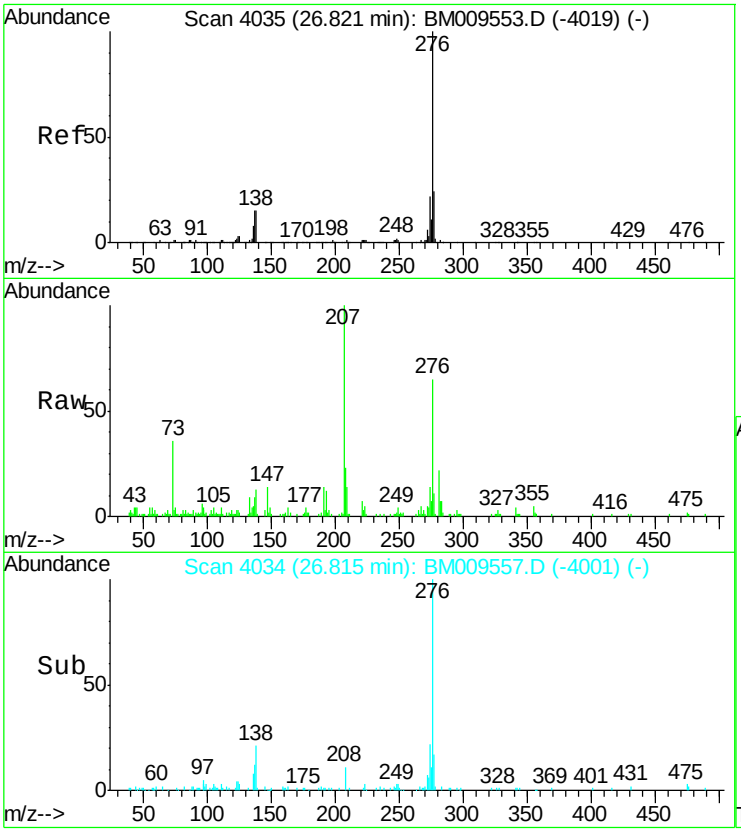


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.92 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

Tgt Ion:276 Resp: 106332

Ion	Ratio	Lower	Upper
276	100		
138	14.4	17.8	26.6#
277	21.3	19.4	29.0

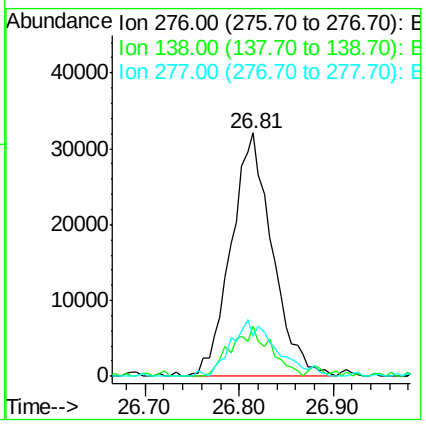




#30
Benzo(g,h,i)perylene
Concen: 2.14 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM009557.D
Acq: 05 Apr 2017 14:46

Tgt Ion:276 Resp: 97569

Ion	Ratio	Lower	Upper
276	100		
138	20.5	19.0	28.4
277	16.7	19.7	29.5#



Instrument :
BNA_M
ClientSampleId :
CB332

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:04 AM