Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027950.D
Acq On : 24 Nov 2020 19:33
Operator : JU/CG
Sample : L4749-22
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BG1

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM

Quant Time: Nov 25 01:25:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	903	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1916	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3245	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	1914	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1846	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1171	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1601	0.18	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.70	178	399	0.039	ng/ul#	71
15) Fluoranthene	19.68	202	1144	0.101	ng/ul	82
17) Pyrene	20.03	202	1052	0.108	ng/ul#	79
18) Benzo(a)anthracene	21.74	228	464	0.060	ng/ul#	71
19) Chrysene	21.80	228	594	0.079	ng/ul#	71
21) Benzo(b)fluoranthene	23.45	252	778m	0.100	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	252m	0.033	ng/ul	
23) Benzo(a)pyrene	24.08	252	478	0.070	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	26.67	276	392	0.053	ng/ul#	100
26) Benzo(g,h,i)perylene	27.45	276	435	0.071	ng/ul#	44

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

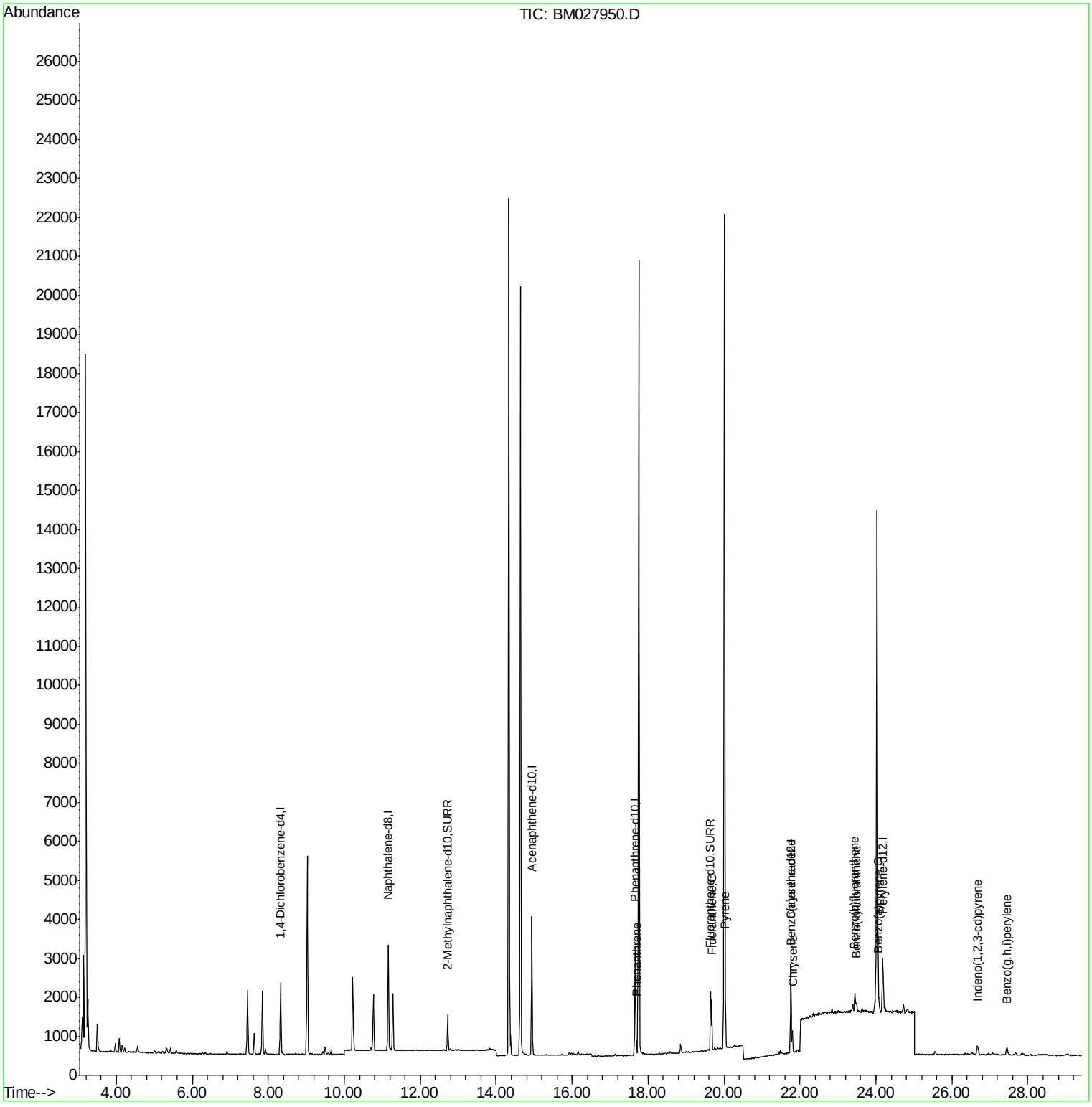
Quantitation Report (QT Reviewed)

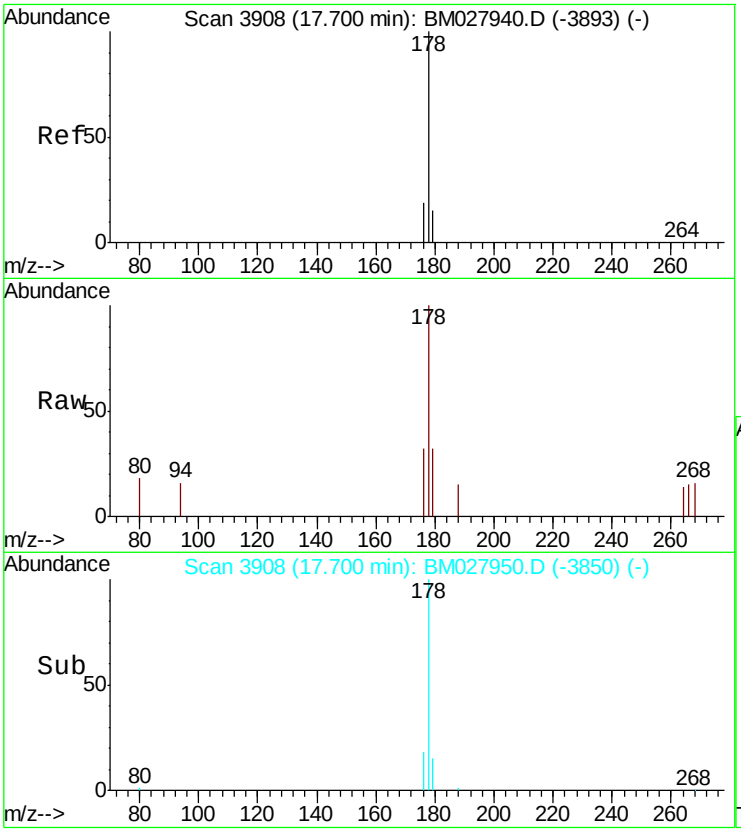
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027950.D
Acq On : 24 Nov 2020 19:33
Operator : JU/CG
Sample : L4749-22
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Nov 25 01:25:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:00:24 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BG1

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM





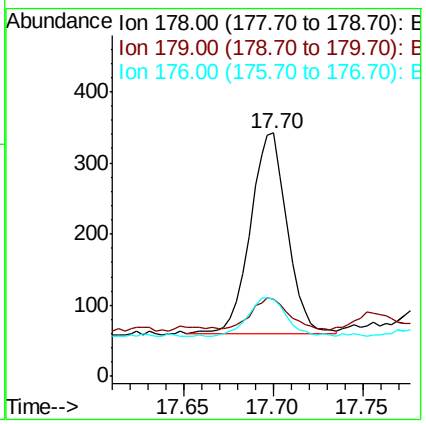
#12
Phenanthrene
Concen: 0.039 ng/ul
RT: 17.70 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

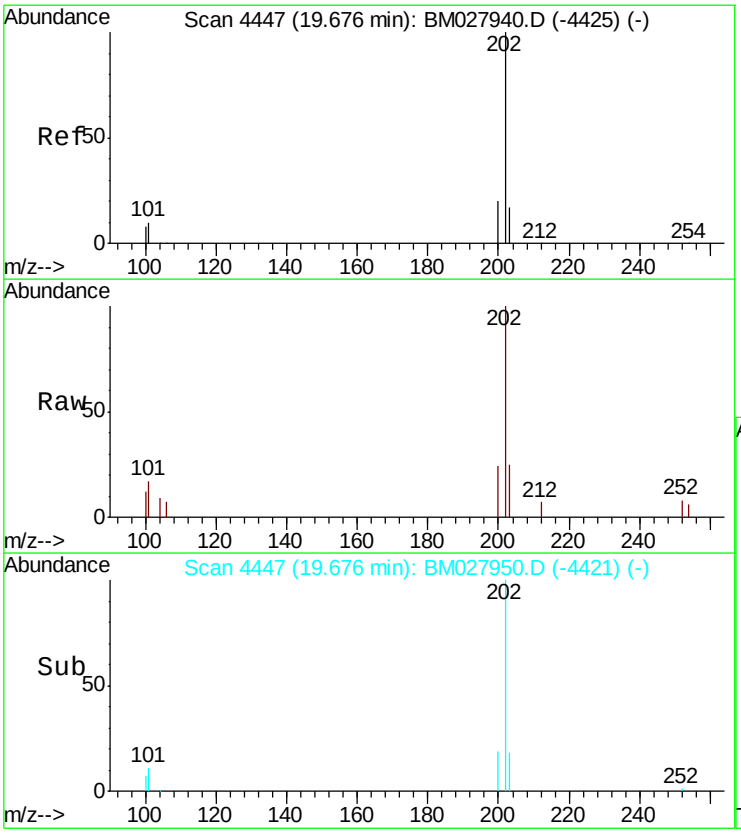
Tgt Ion:178 Resp: 399

Ion	Ratio	Lower	Upper
178	100		
179	31.6	13.6	20.4#
176	31.9	16.1	24.1#

Instrument :
BNA_M
ClientSampleId :
C0BG1

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM

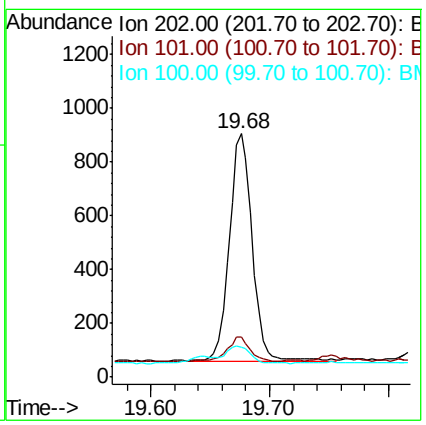


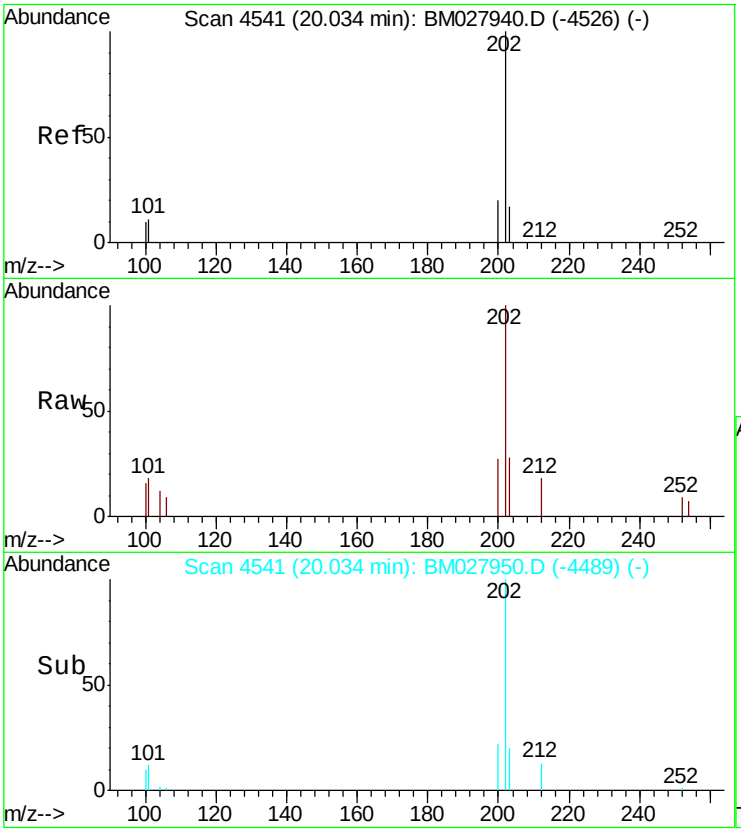


#15
Fluoranthene
Concen: 0.101 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

Tgt Ion:202 Resp: 1144

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	29.3
100	12.5	0.0	27.4





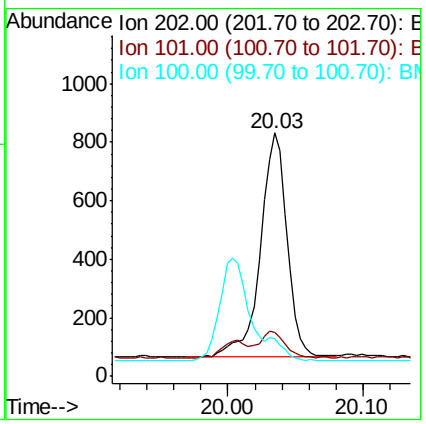
#17
Pyrene
Concen: 0.108 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

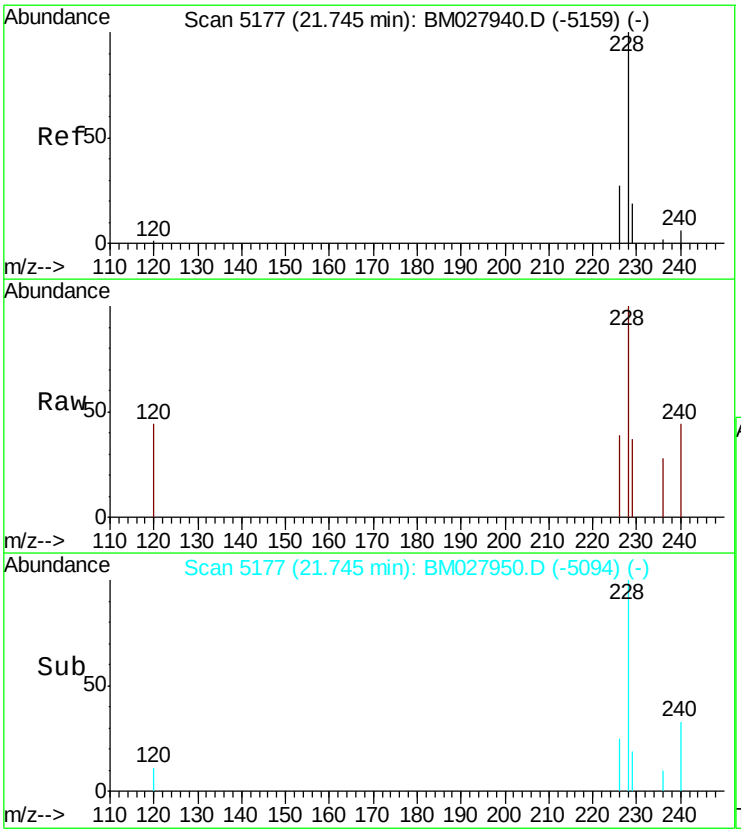
Tgt Ion:202 Resp: 1052

Ion	Ratio	Lower	Upper
202	100		
101	18.1	8.2	12.2#
100	15.6	6.9	10.3#

Instrument :
BNA_M
ClientSampleId :
C0BG1

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM

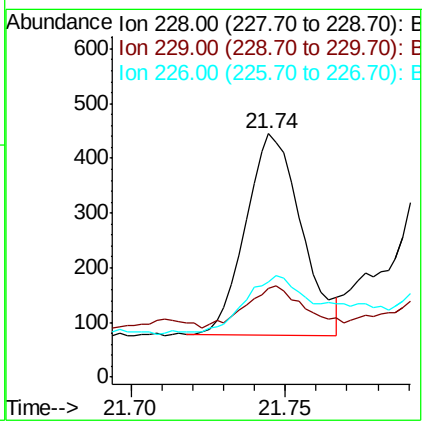


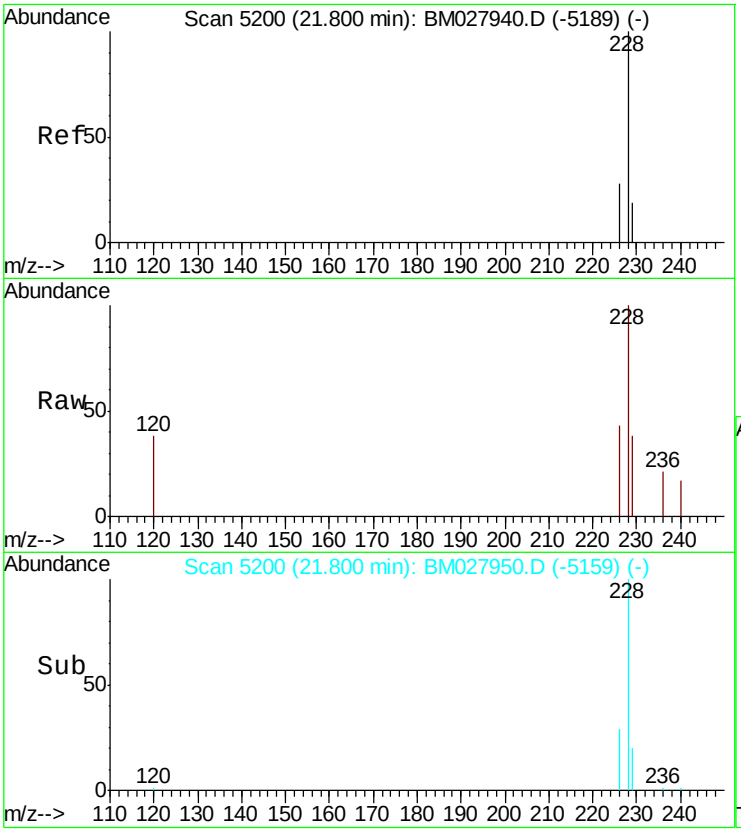


#18
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

Tgt Ion:228 Resp: 464

Ion	Ratio	Lower	Upper
228	100		
229	36.6	16.2	24.4#
226	39.3	21.5	32.3#





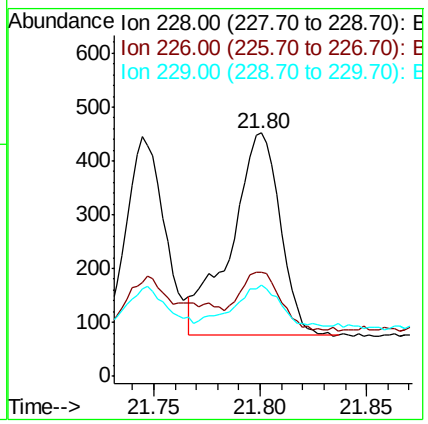
#19
Chrysene
Concen: 0.079 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

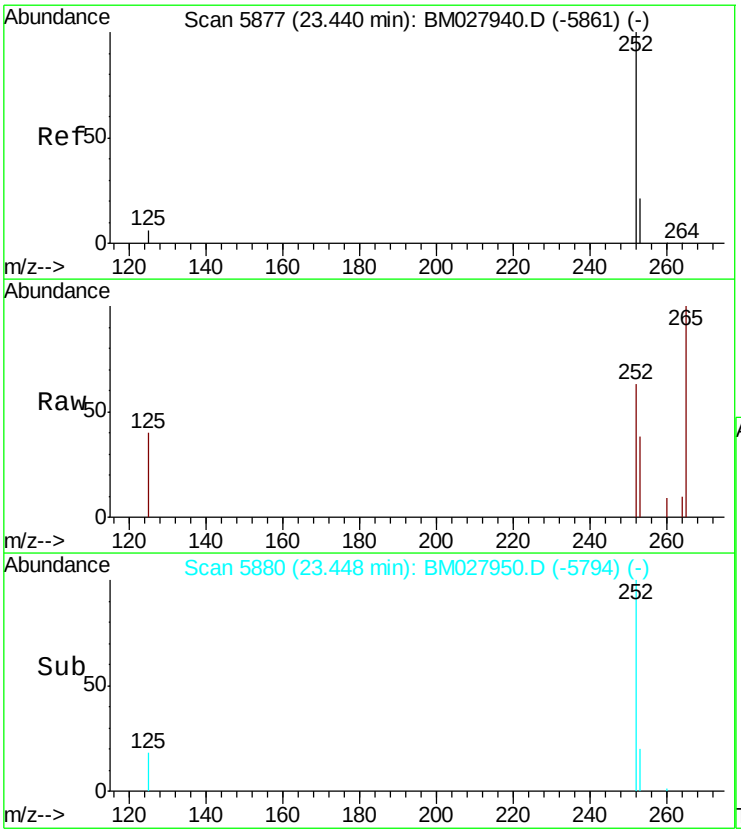
Tgt Ion:228 Resp: 594

Ion	Ratio	Lower	Upper
228	100		
226	42.7	24.1	36.1#
229	37.6	16.6	24.8#

Instrument :
BNA_M
ClientSampleId :
C0BG1

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM

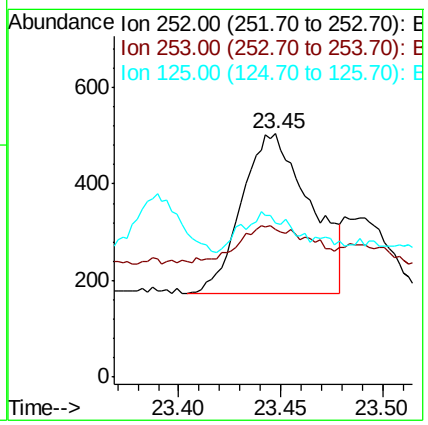


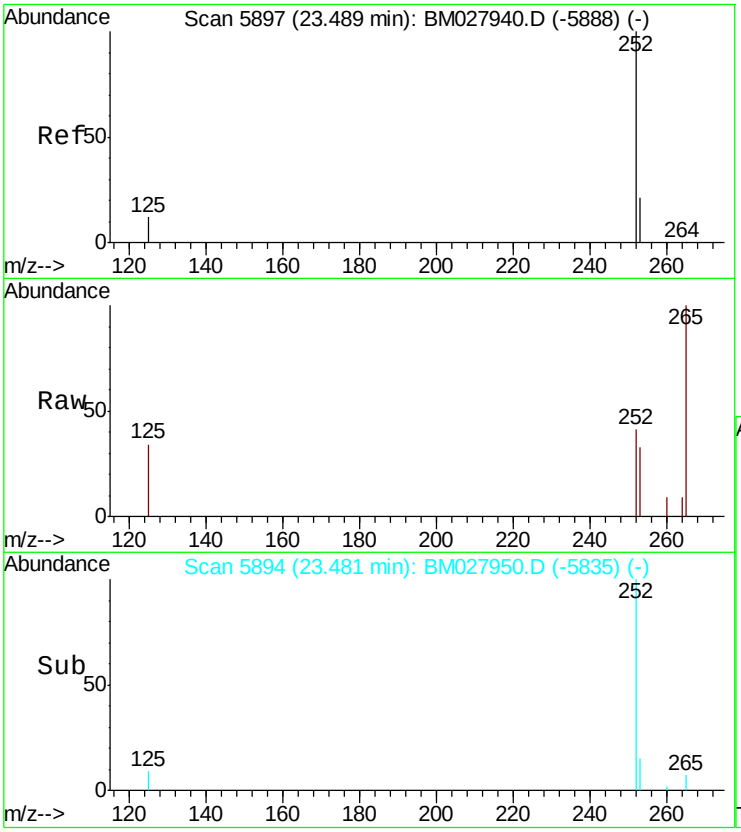


#21
Benzo(b)fluoranthene
Concen: 0.100 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. 0.01 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

Tgt Ion:252 Resp: 778

Ion	Ratio	Lower	Upper
252	100		
253	60.7	0.0	59.6#
125	63.1	0.0	28.4#

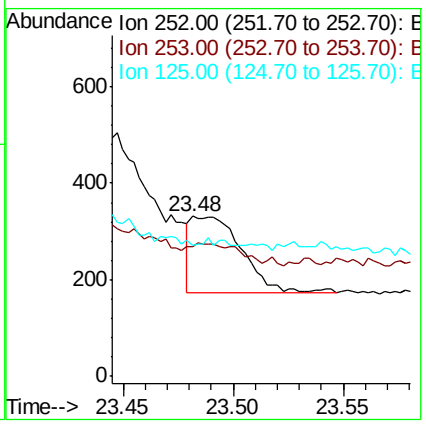




#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.48 min Scan# 5894
Delta R.T. -0.01 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

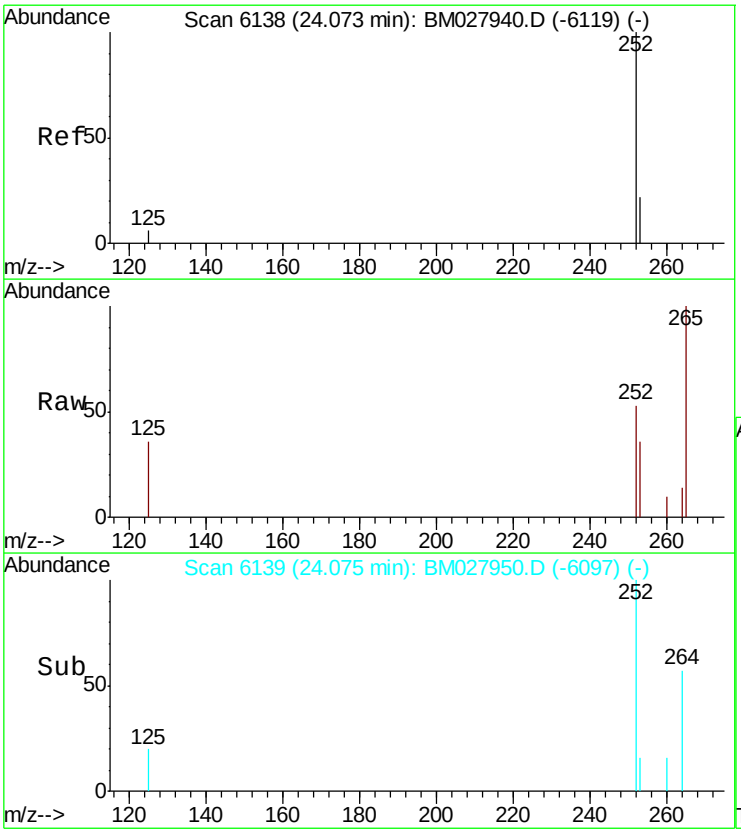
Tgt Ion:252 Resp: 252

Ion	Ratio	Lower	Upper
252	100		
253	81.0	23.2	34.8#
125	81.9	11.8	17.6#



Instrument :
BNA_M
ClientSampleId :
C0BG1

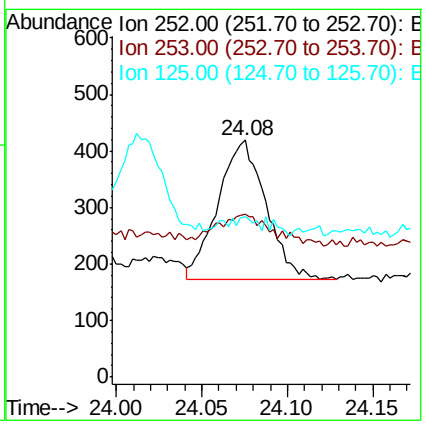
Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM

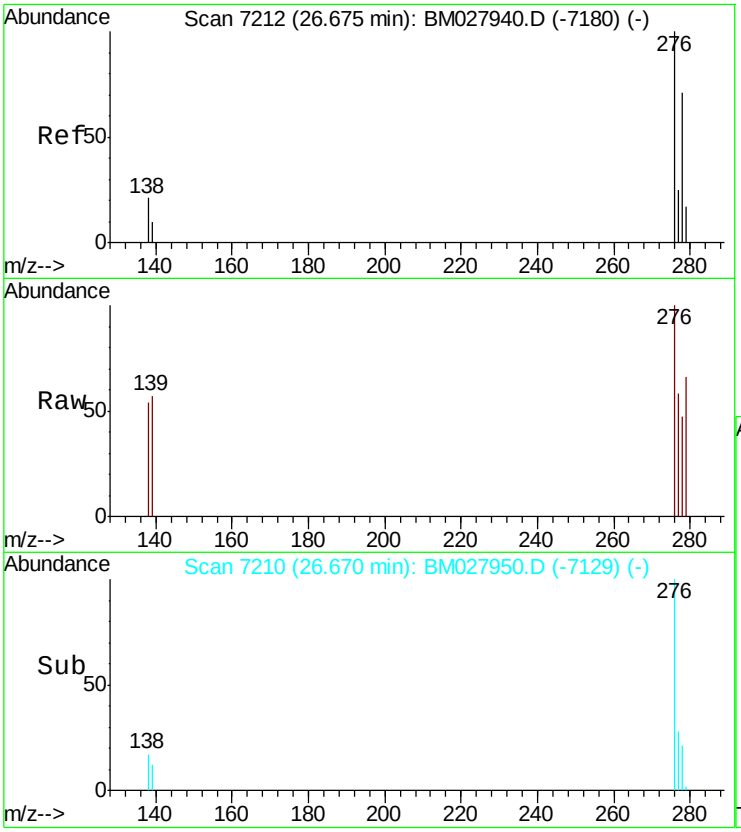


#23
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 24.08 min Scan# 6139
Delta R.T. 0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

Tgt Ion:252 Resp: 478

Ion	Ratio	Lower	Upper
252	100		
253	69.0	25.2	37.8#
125	67.5	13.8	20.6#

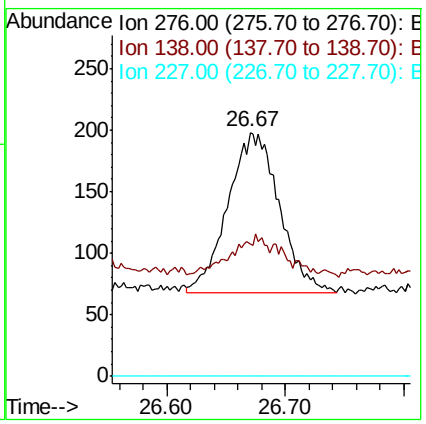




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.053 ng/ul
RT: 26.67 min Scan# 7210
Delta R.T. -0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

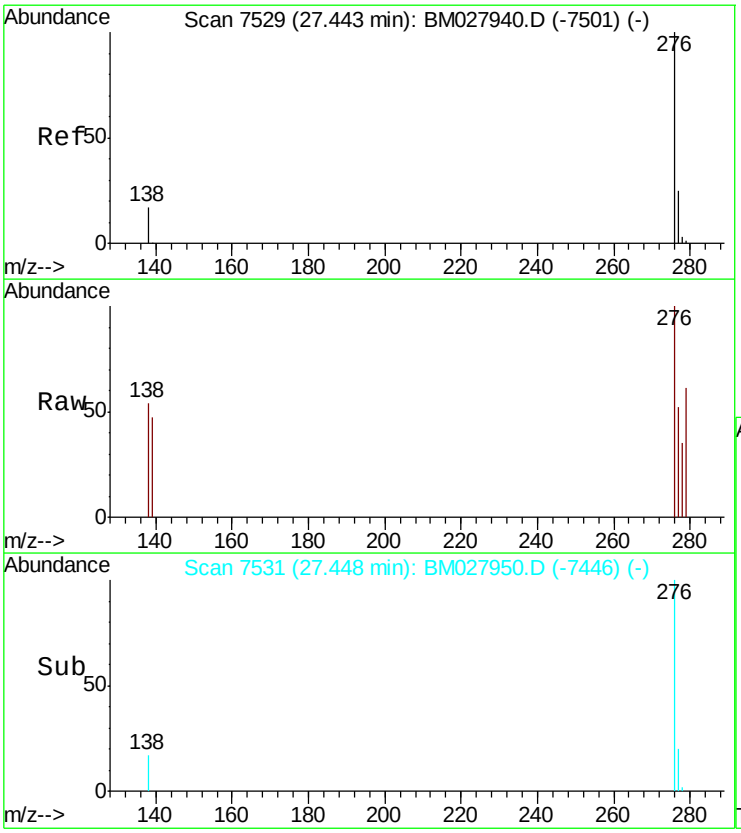
Tgt Ion:276 Resp: 392

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.7	23.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C0BG1

Manual Integrations APPROVED
mohammad
11/25/2020 12:46:26 PM



#26
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. 0.00 min
Lab File: BM027950.D
Acq: 24 Nov 2020 19:33

Tgt Ion:276 Resp: 435

Ion	Ratio	Lower	Upper
276	100		
138	54.0	17.4	26.2#
277	52.5	22.5	33.7#