Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
Data File : BG025916.D
Acq On : 21 Feb 2017 22:28
Operator : SJ/MA
Sample : I1900-20MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABE5MS

Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM

Quant Time: Feb 22 00:14:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 23:44:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	123144	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	611450	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	369358	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	798040	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	791773	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	763275	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	633465	20.71	ng/ul	0.00
10) Fluorene-d10	15.67	176	466523	19.86	ng/ul	0.00
14) Anthracene-d10	17.52	188	647785	17.95	ng/ul	0.00
18) Pyrene-d10	19.79	212	661127	17.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	614056	18.18	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.75	153	454336	20.29	ng/ul	95
13) Phenanthrene	17.46	178	55524	1.30	ng/ul	96
16) Fluoranthene	19.45	202	149137	3.19	ng/ul	98
19) Pyrene	19.82	202	962927	20.10	ng/ul#	96
20) Benzo(a)anthracene	21.65	228	79761	1.79	ng/ul	97
21) Chrysene	21.71	228	84513	1.99	ng/ul	96
23) Benzo(b)fluoranthene	23.86	252	106161	2.41	ng/ul#	92
26) Benzo(a)pyrene	24.73	252	64023	1.50	ng/ul#	95
29) Benzo(g,h,i)perylene	29.64	276	42689m	1.04	ng/ul	

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

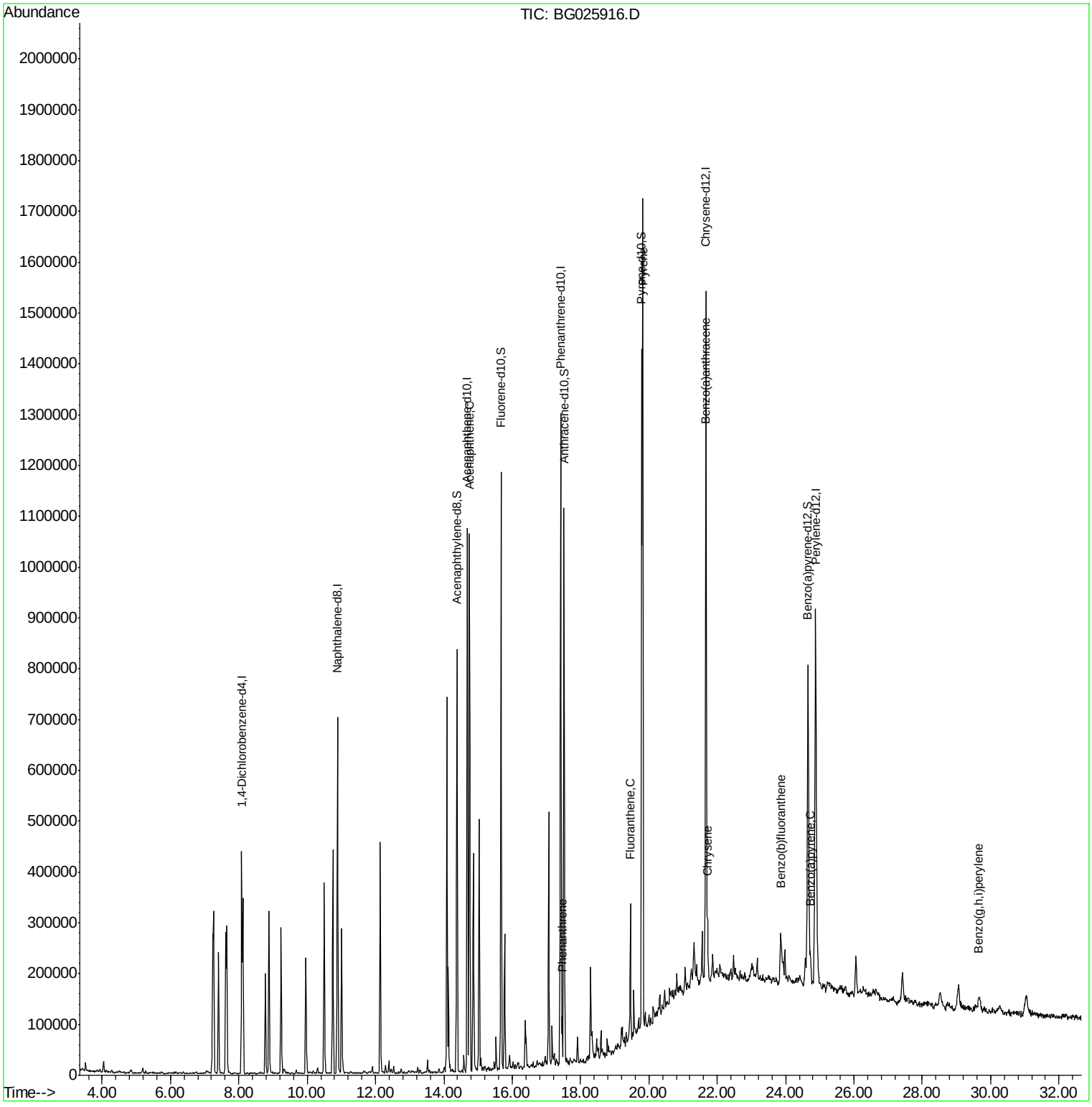
Quantitation Report (QT Reviewed)

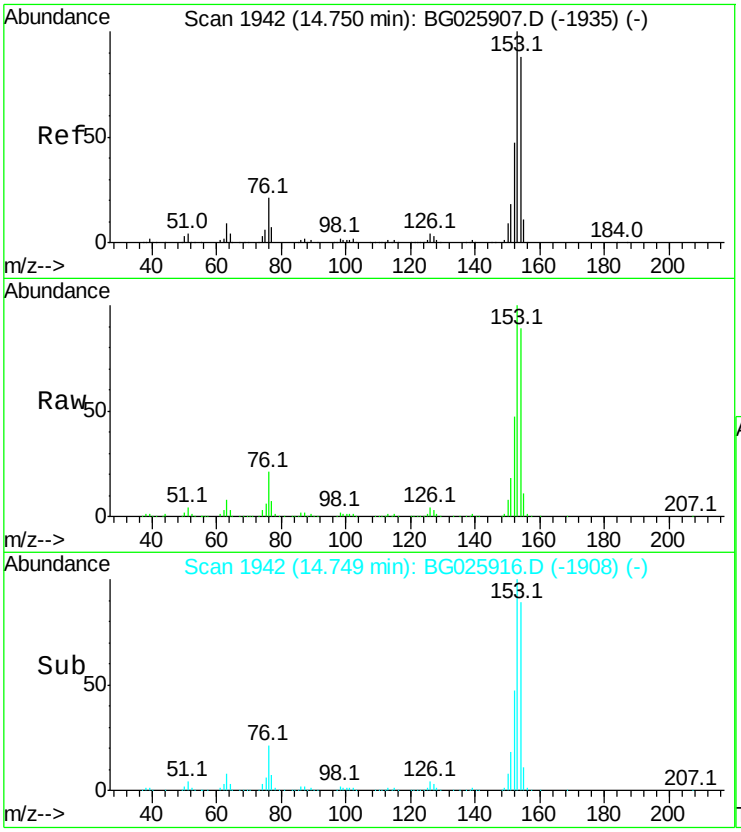
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
Data File : BG025916.D
Acq On : 21 Feb 2017 22:28
Operator : SJ/MA
Sample : I1900-20MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Feb 22 00:14:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 23:44:02 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABE5MS

Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM

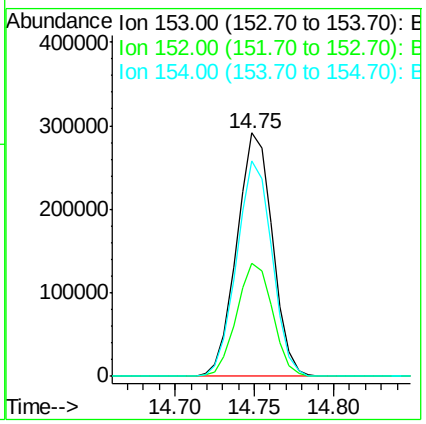




#9
Acenaphthene
Concen: 20.29 ng/ul
RT: 14.75 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

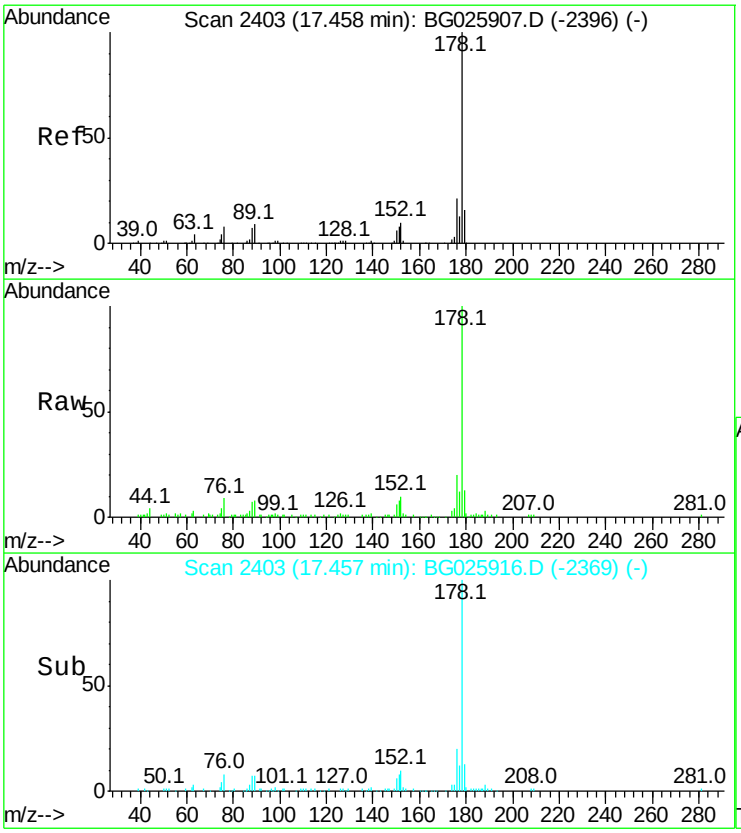
Tgt Ion:153 Resp: 454336

Ion	Ratio	Lower	Upper
153	100		
152	46.5	39.0	58.6
154	88.6	66.8	100.2



Instrument :
BNA_G
ClientSampleId :
DABE5MS

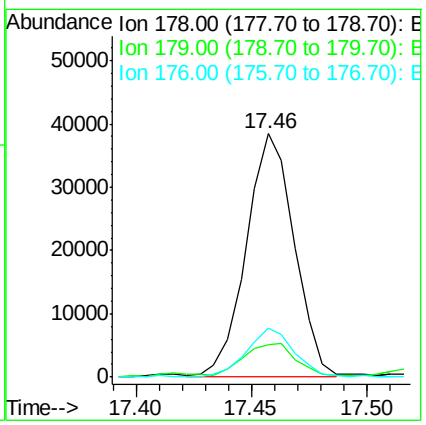
Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM

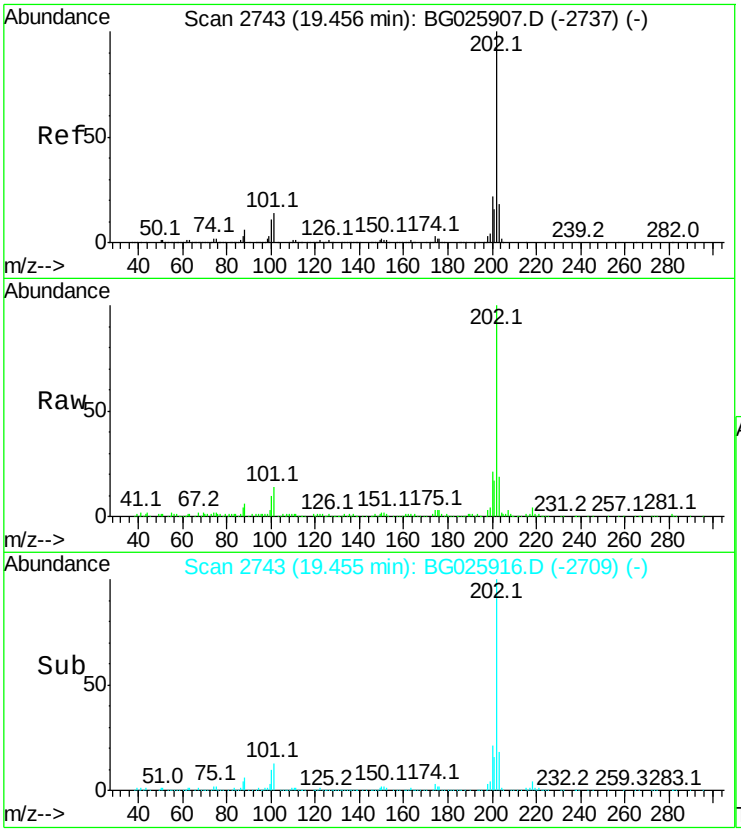


#13
Phenanthrene
Concen: 1.30 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

Tgt Ion:178 Resp: 55524

Ion	Ratio	Lower	Upper
178	100		
179	13.2	12.3	18.5
176	20.2	15.1	22.7

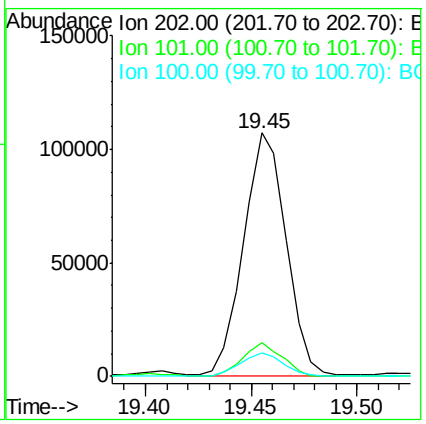




#16
Fluoranthene
Concen: 3.19 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

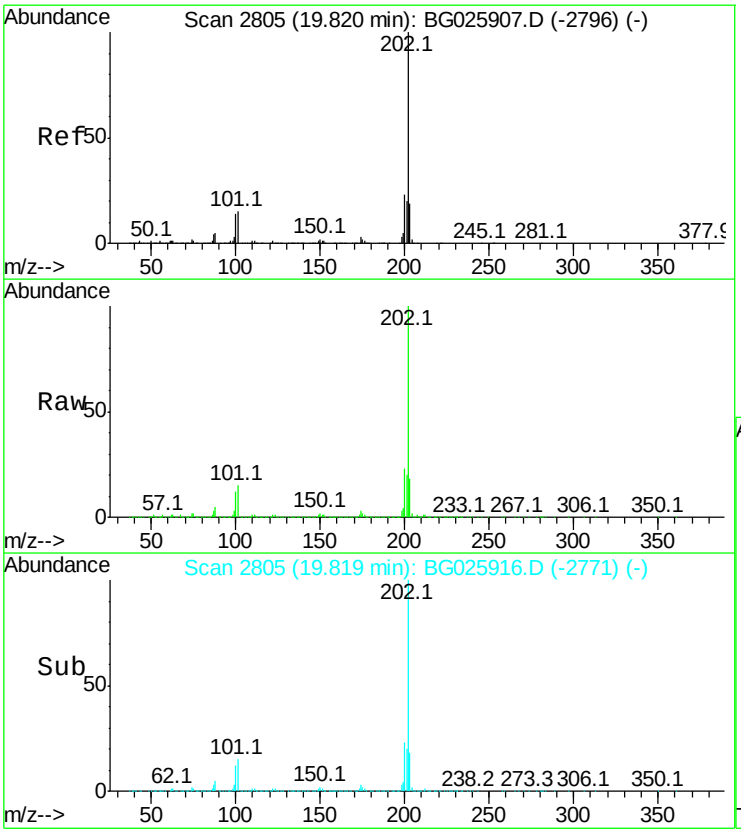
Tgt Ion:202 Resp: 149137

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.9	14.9
100	9.7	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
DABE5MS

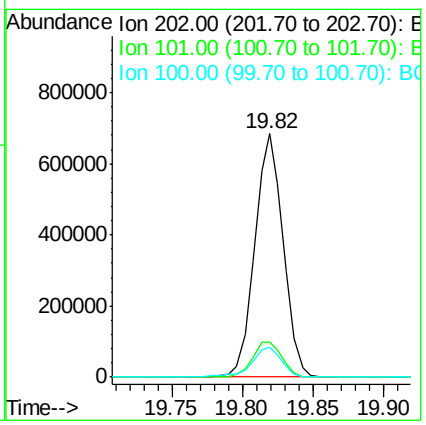
Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM

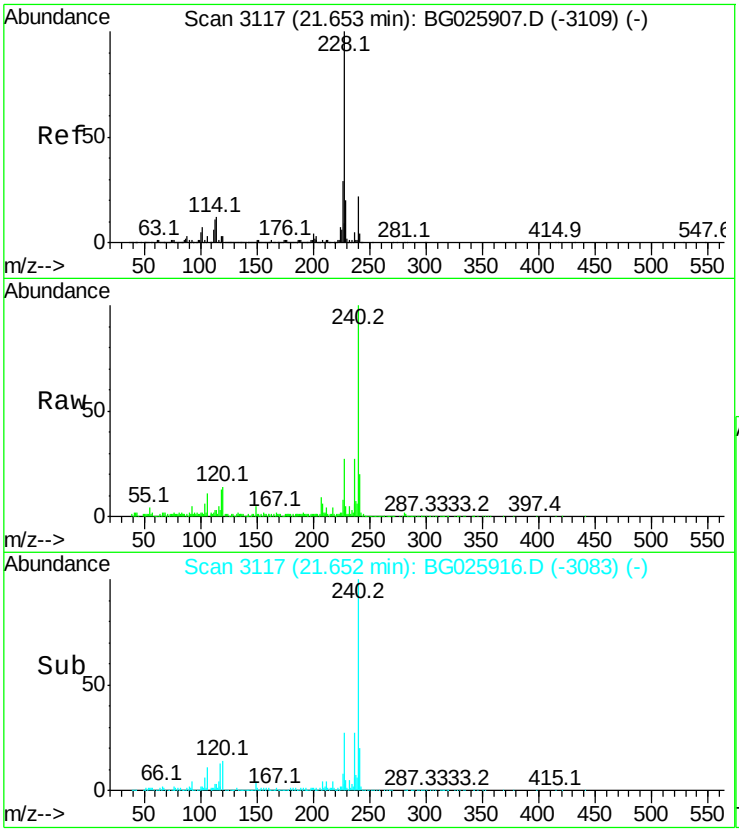


#19
Pyrene
Concen: 20.10 ng/ul
RT: 19.82 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

Tgt Ion:202 Resp: 962927

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.0	16.4
100	12.4	8.1	12.1#

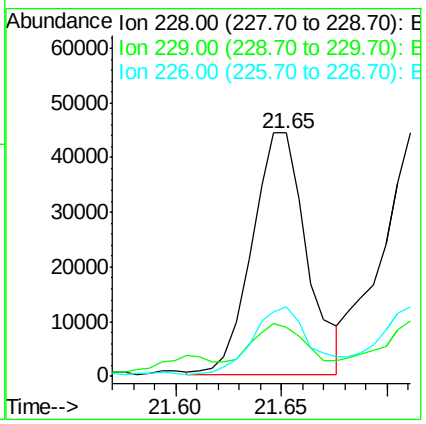




#20
Benzo(a)anthracene
Concen: 1.79 ng/ul
RT: 21.65 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

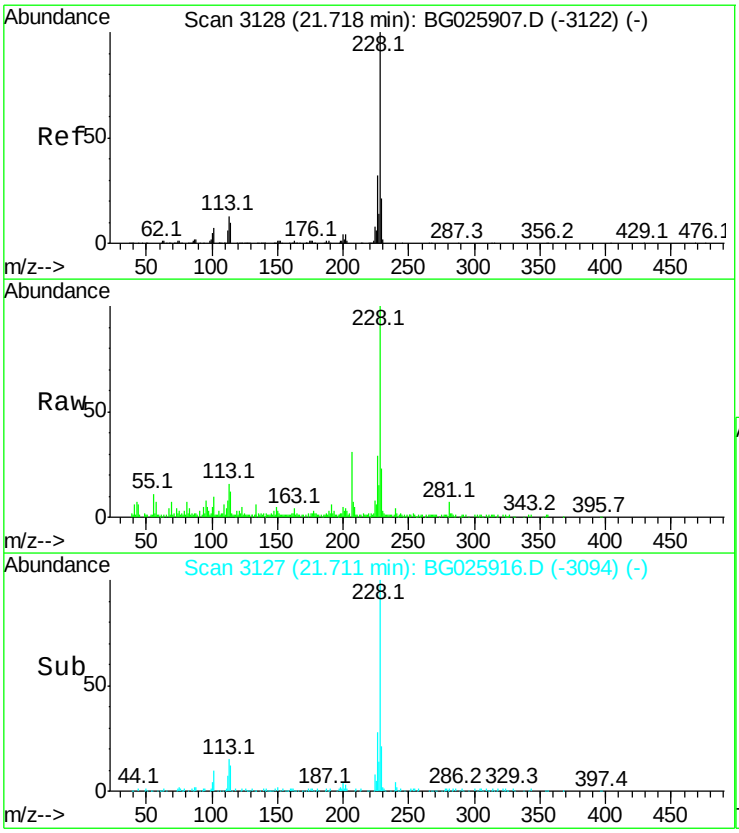
Tgt Ion:228 Resp: 79761

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	28.7	21.1	31.7



Instrument :
BNA_G
ClientSampleId :
DABE5MS

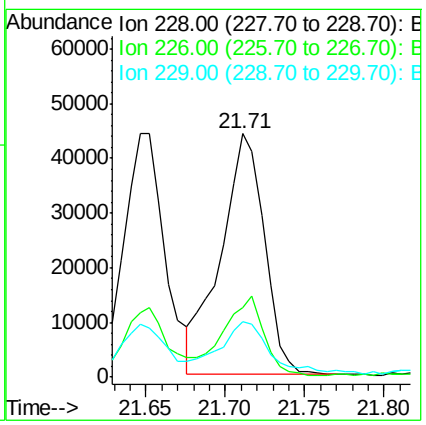
Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM

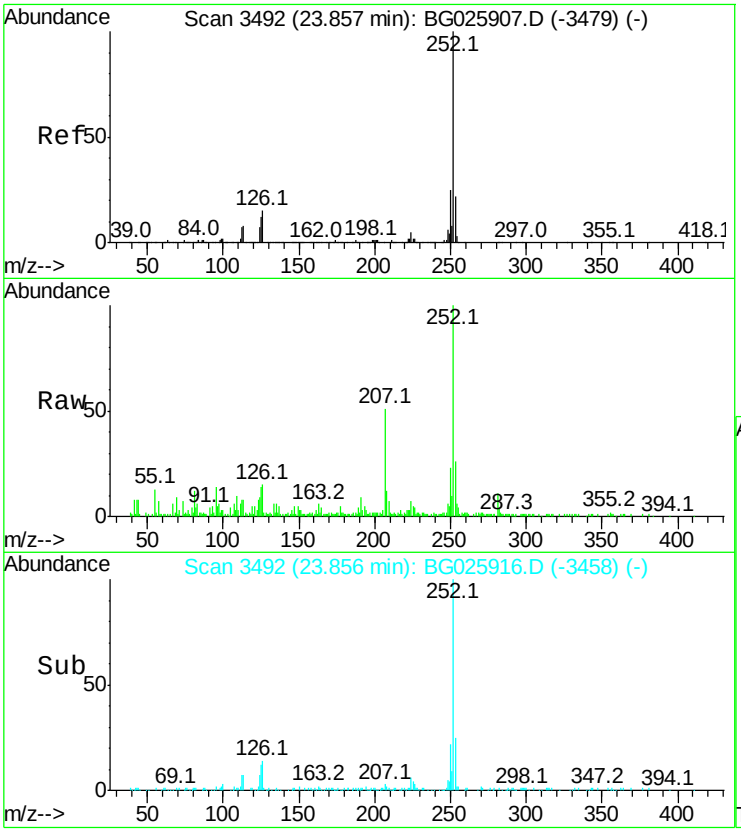


#21
Chrysene
Concen: 1.99 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

Tgt Ion:228 Resp: 84513

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.5	36.7
229	22.6	15.8	23.8

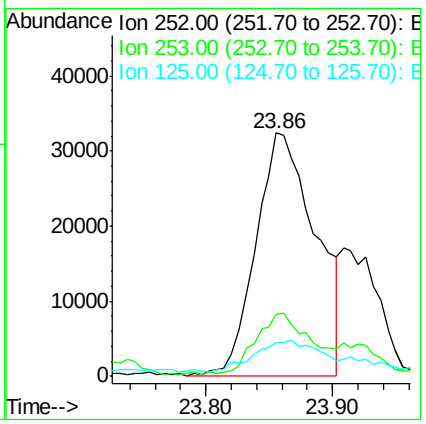




#23
Benzo(b)fluoranthene
Concen: 2.41 ng/ul
RT: 23.86 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

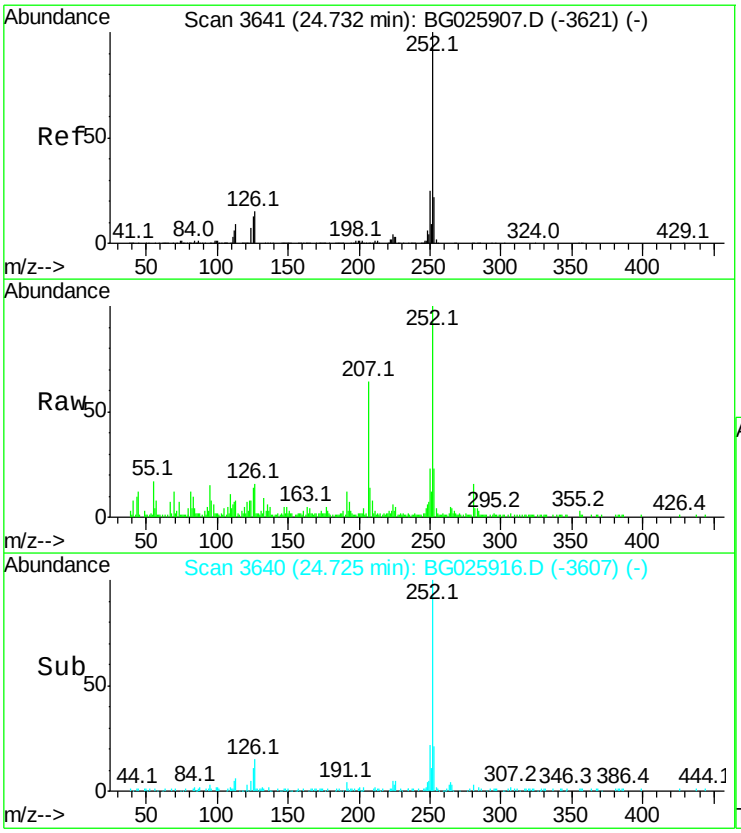
Tgt Ion:252 Resp: 106161

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	14.0	8.0	12.0#



Instrument :
BNA_G
ClientSampleId :
DABE5MS

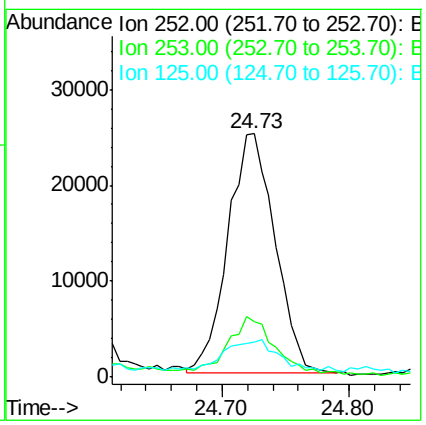
Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM

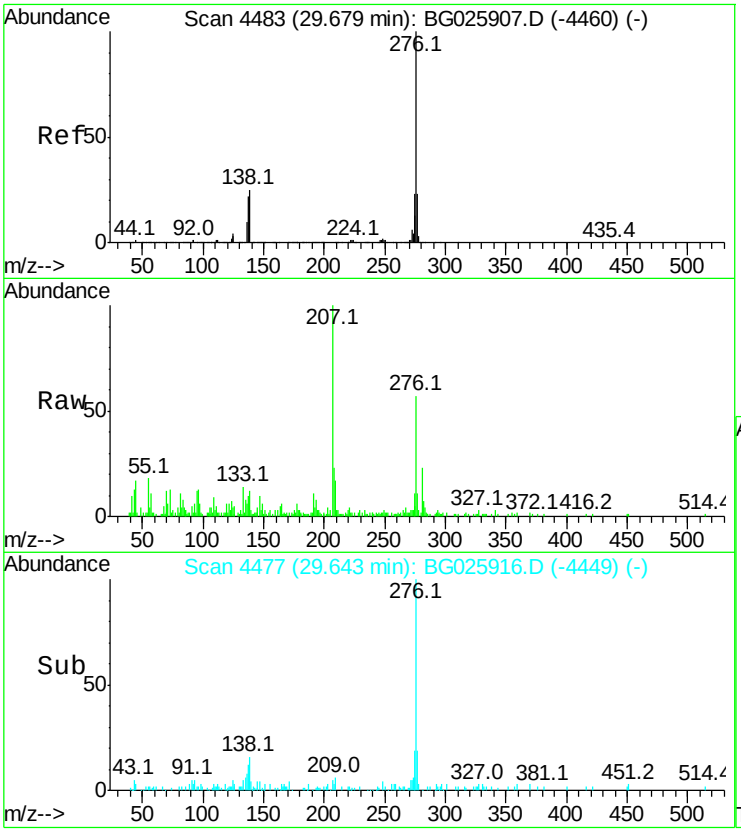


#26
Benzo(a)pyrene
Concen: 1.50 ng/ul
RT: 24.73 min Scan# 3640
Delta R.T. -0.01 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

Tgt Ion:252 Resp: 64023

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	14.1	8.2	12.4#

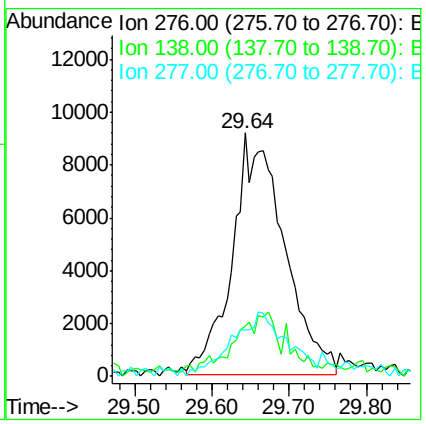




#29
Benzo(g,h,i)perylene
Concen: 1.04 ng/ul m
RT: 29.64 min Scan# 4477
Delta R.T. -0.04 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

Tgt Ion:276 Resp: 42689

Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.3	22.9
277	18.9	19.0	28.4#



Instrument :
BNA_G
ClientSampleId :
DABE5MS

Manual Integrations APPROVED
mohammad
2/22/2017 11:13:58 AM