Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Data File : BN005669.D
Acq On : 14 May 2019 01:27
Operator : JU/SJ
Sample : PB119604BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SBLK04

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

Quant Time: May 14 07:20:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	10285	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	51821	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	37174	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	98718	0.40	ng/ul	-0.01
16) Chrysene-d12	21.21	240	98072	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	102562	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2745	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	9122	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	33439	0.244	ng/ul	96
5) 2-Methylnaphthalene	12.02	142	27689	0.296	ng/ul	97
7) Acenaphthylene	13.94	152	50671	0.271	ng/ul	97
8) Acenaphthene	14.28	153	32582	0.246	ng/ul	97
9) Fluorene	15.28	166	42721	0.276	ng/ul	98
11) Pentachlorophenol	16.65	266	14550	0.569	ng/ul	92
12) Phenanthrene	17.01	178	73456	0.273	ng/ul	99
13) Anthracene	17.11	178	75201	0.280	ng/ul	98
15) Fluoranthene	19.05	202	94666	0.254	ng/ul	96
17) Pyrene	19.42	202	98762	0.273	ng/ul	96
18) Benzo(a)anthracene	21.19	228	95002	0.281	ng/ul	99
19) Chrysene	21.25	228	95438	0.230	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	96163	0.312	ng/ul	95
22) Benzo(k)fluoranthene	22.80	252	96116m	0.249	ng/ul	
23) Benzo(a)pyrene	23.32	252	93378	0.271	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.61	276	94781	0.246	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.61	278	78567	0.247	ng/ul	95
26) Benzo(g,h,i)perylene	26.29	276	76051	0.231	ng/ul	94

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

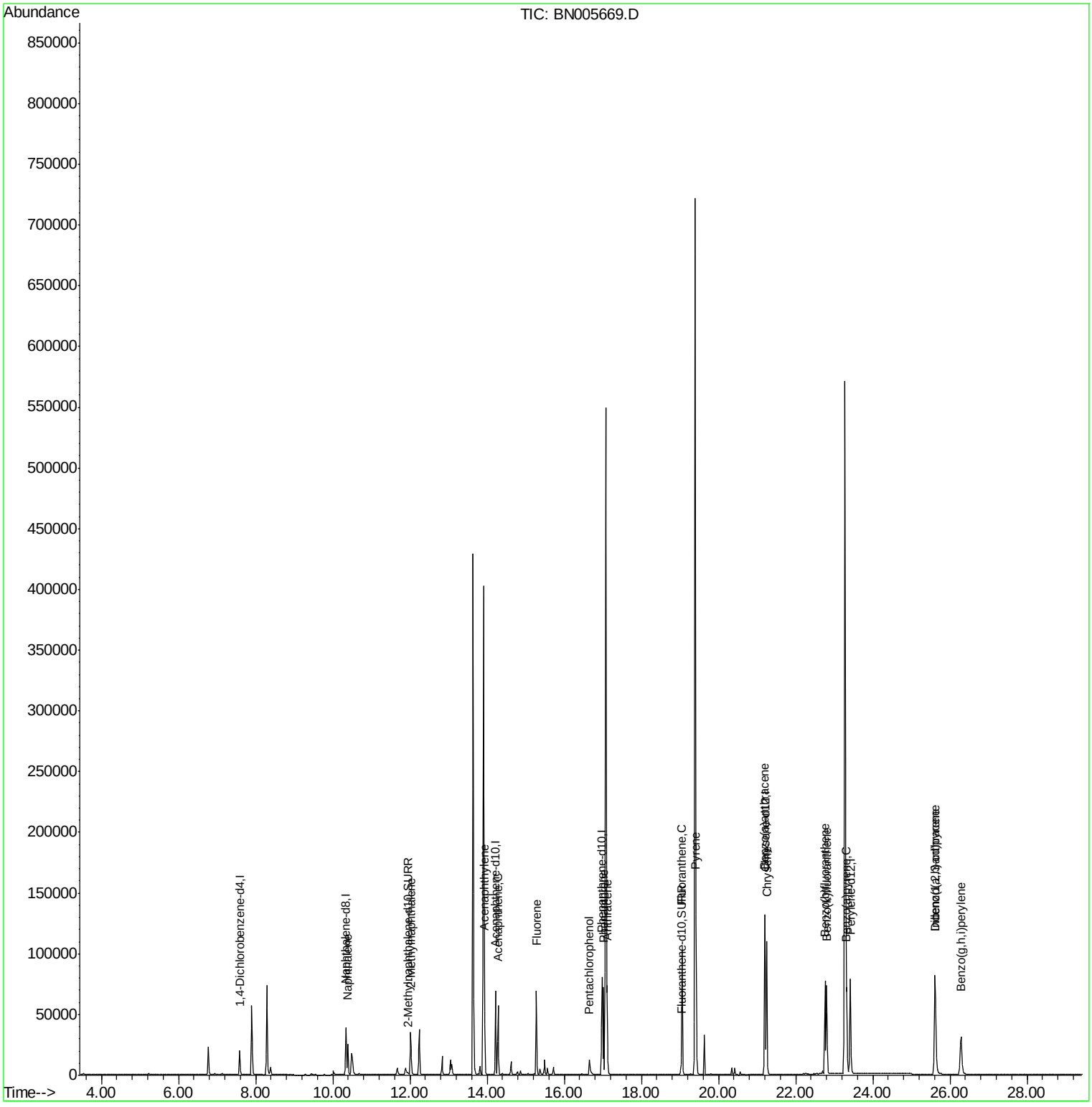
Quantitation Report (QT Reviewed)

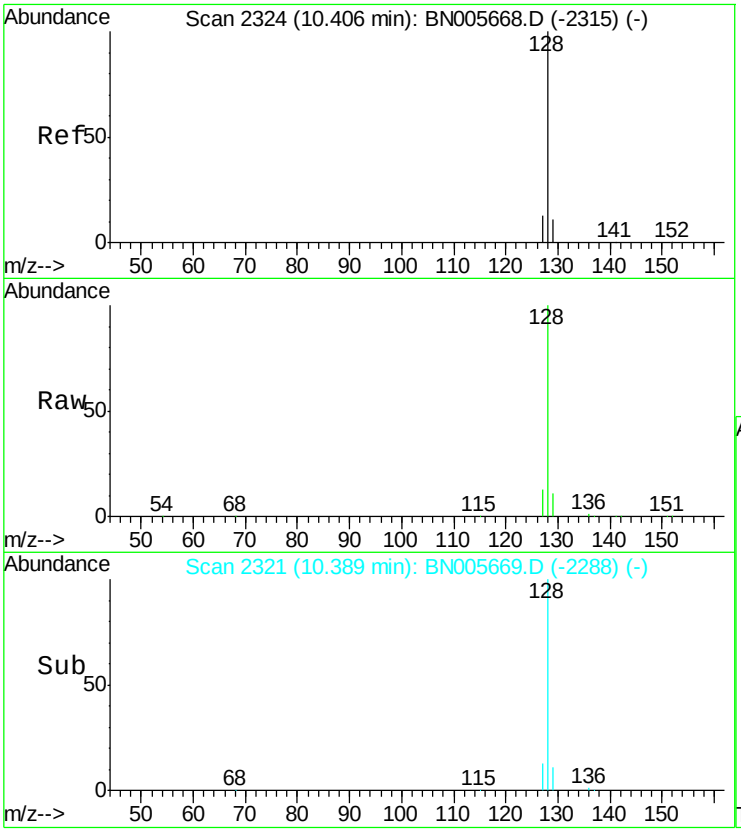
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Data File : BN005669.D
Acq On : 14 May 2019 01:27
Operator : JU/SJ
Sample : PB119604BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 14 07:20:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 07:15:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SBLK04

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

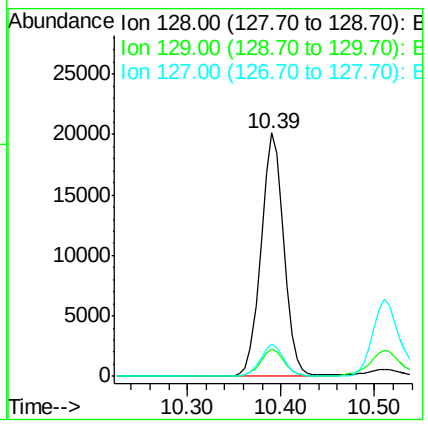




#3
Naphthalene
Concen: 0.244 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

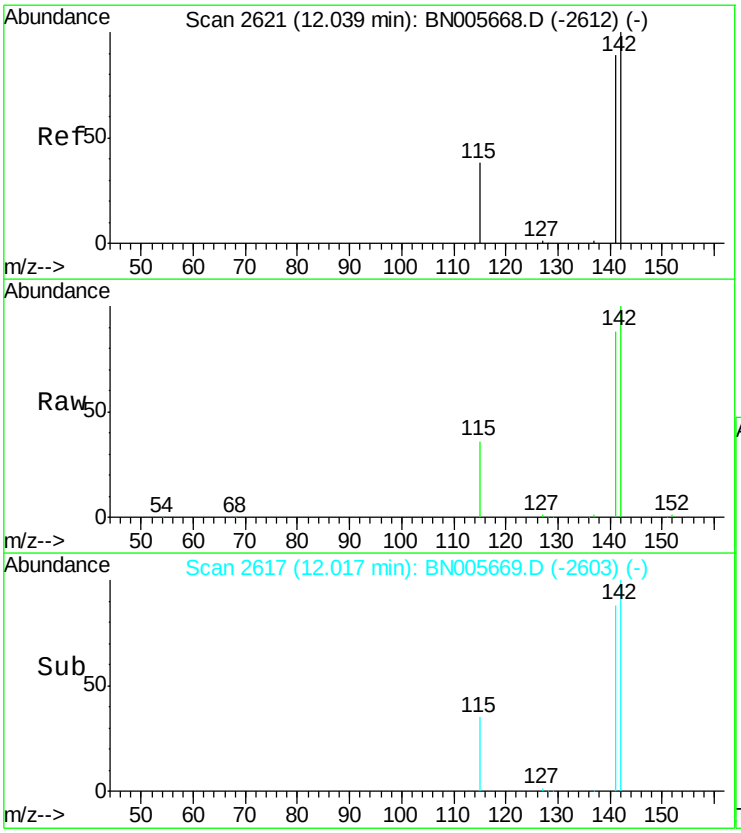
Tgt Ion:128 Resp: 33439

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.2	15.2
127	13.2	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
SBLK04

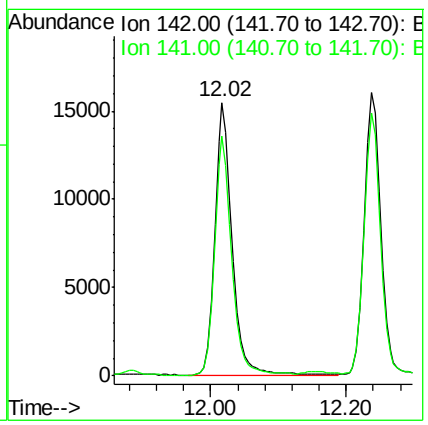
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

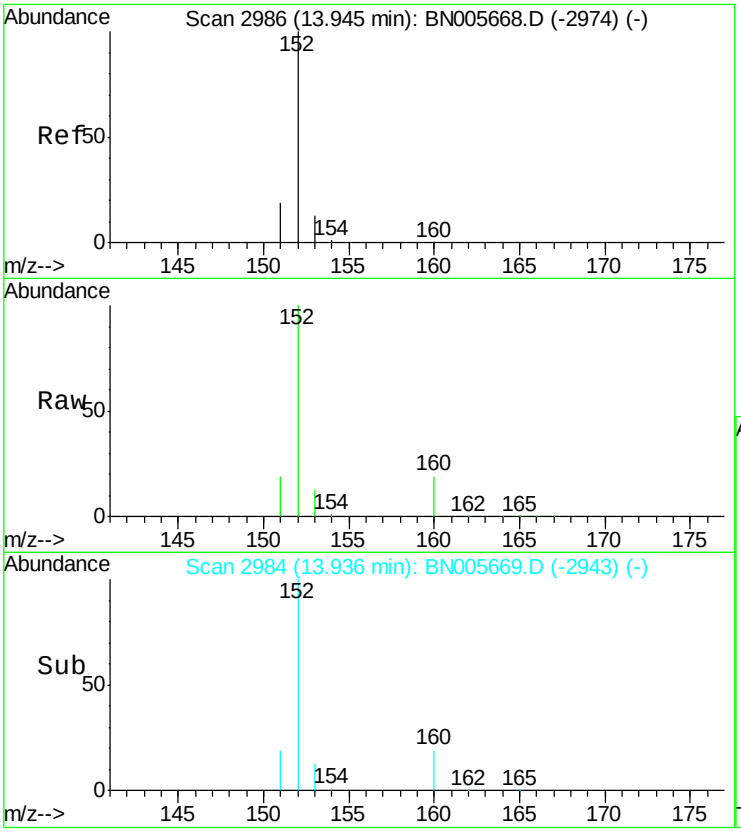


#5
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.02 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:142 Resp: 27689

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2

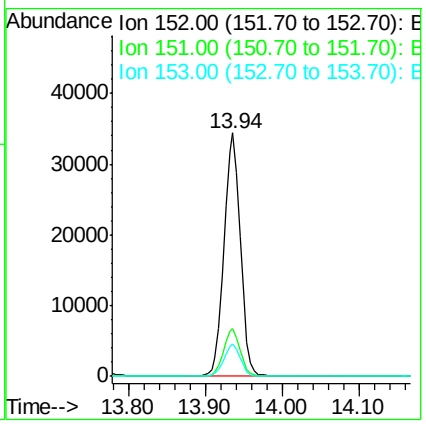




#7
Acenaphthylene
Concen: 0.271 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

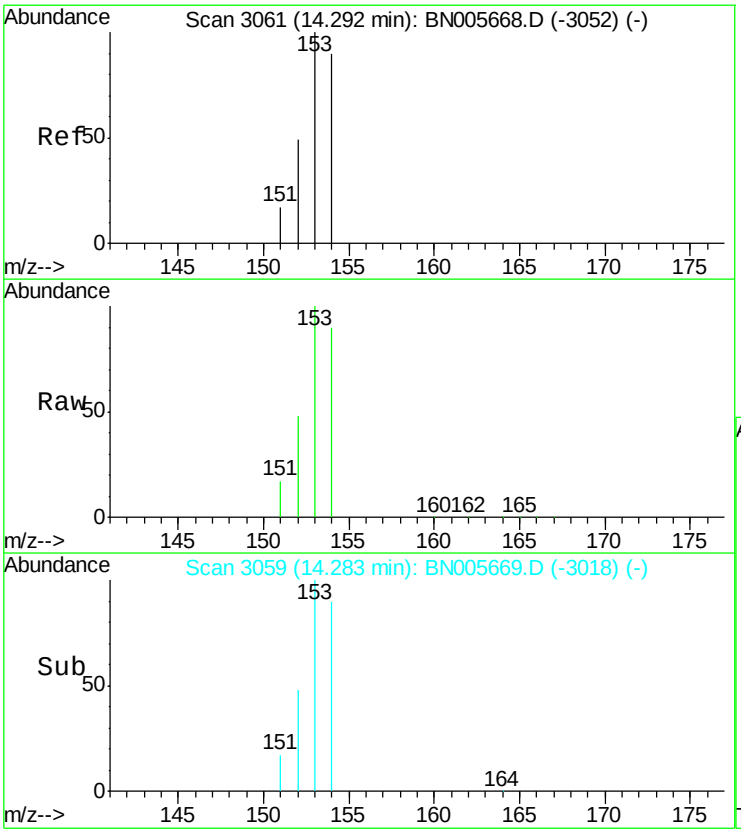
Tgt Ion:152 Resp: 50671

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.7	25.1
153	13.2	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
SBLK04

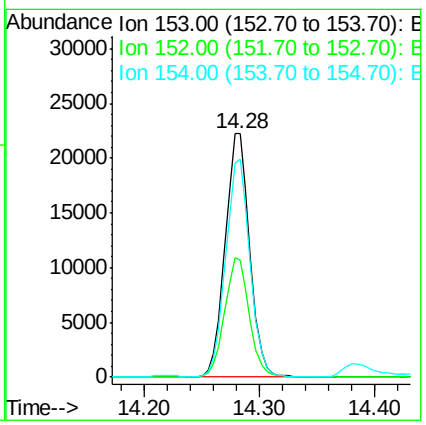
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

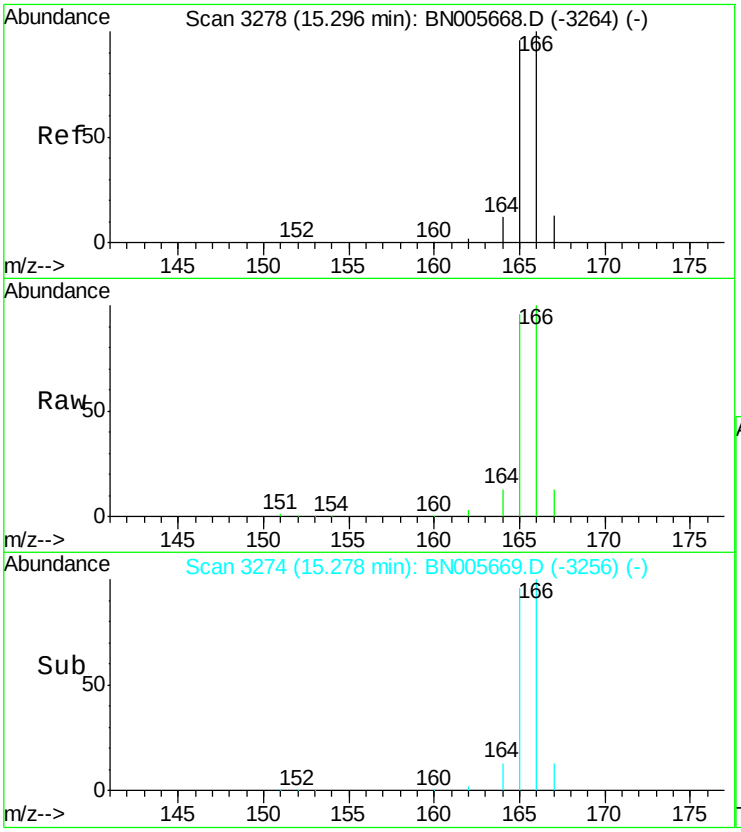


#8
Acenaphthene
Concen: 0.246 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:153 Resp: 32582

Ion	Ratio	Lower	Upper
153	100		
152	48.1	40.8	61.2
154	89.7	73.2	109.8





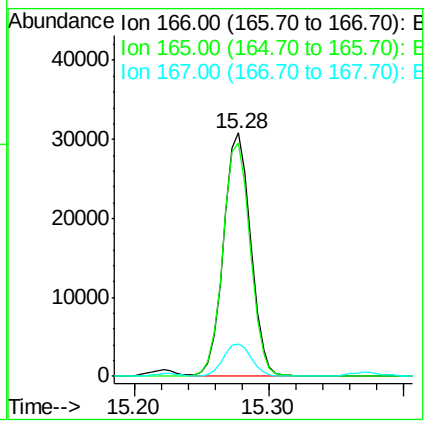
#9
Fluorene
Concen: 0.276 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

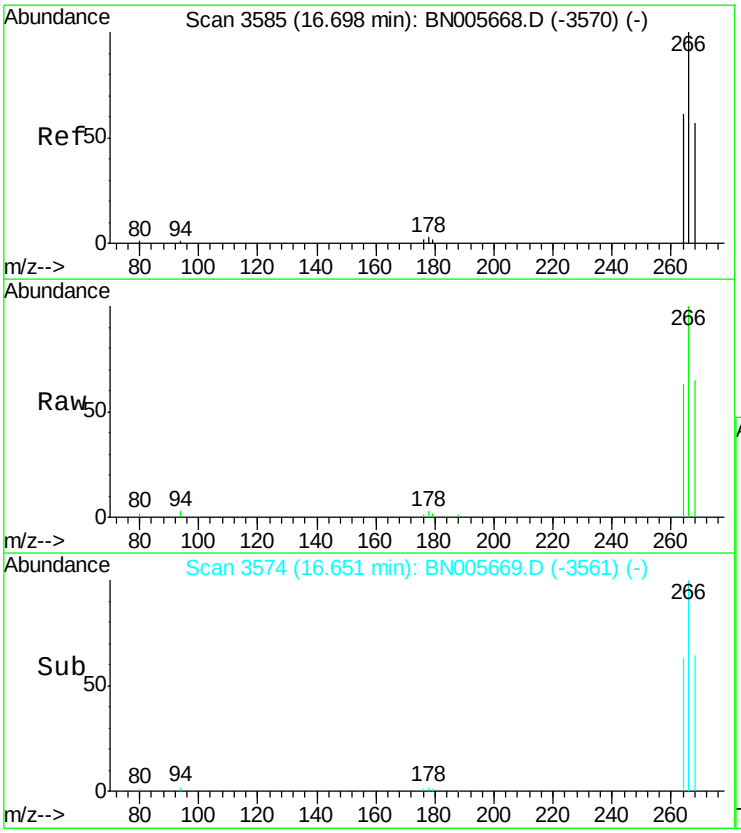
Tgt Ion:166 Resp: 42721

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.0	117.0
167	13.4	12.2	18.4

Instrument :
BNA_N
ClientSampleId :
SBLK04

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

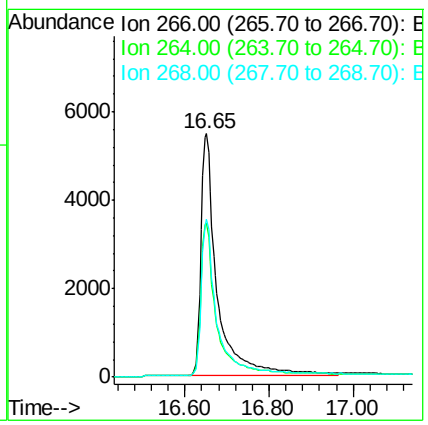


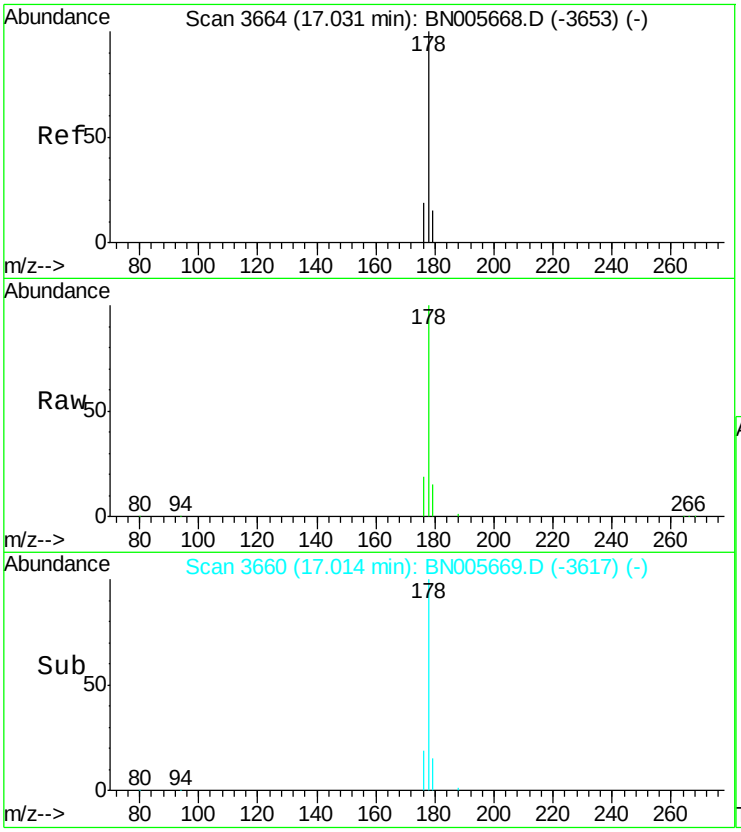


#11
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.65 min Scan# 3574
Delta R.T. -0.05 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:266 Resp: 14550

Ion	Ratio	Lower	Upper
266	100		
264	62.9	55.3	82.9
268	64.0	56.7	85.1

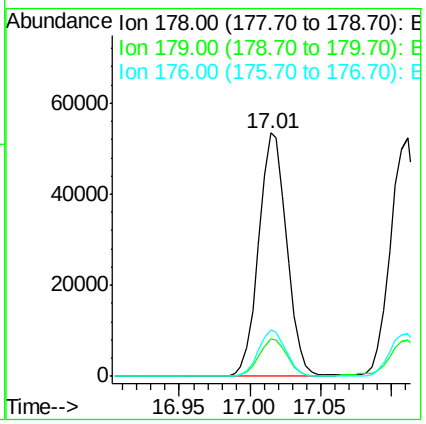




#12
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.01 min Scan# 3660
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

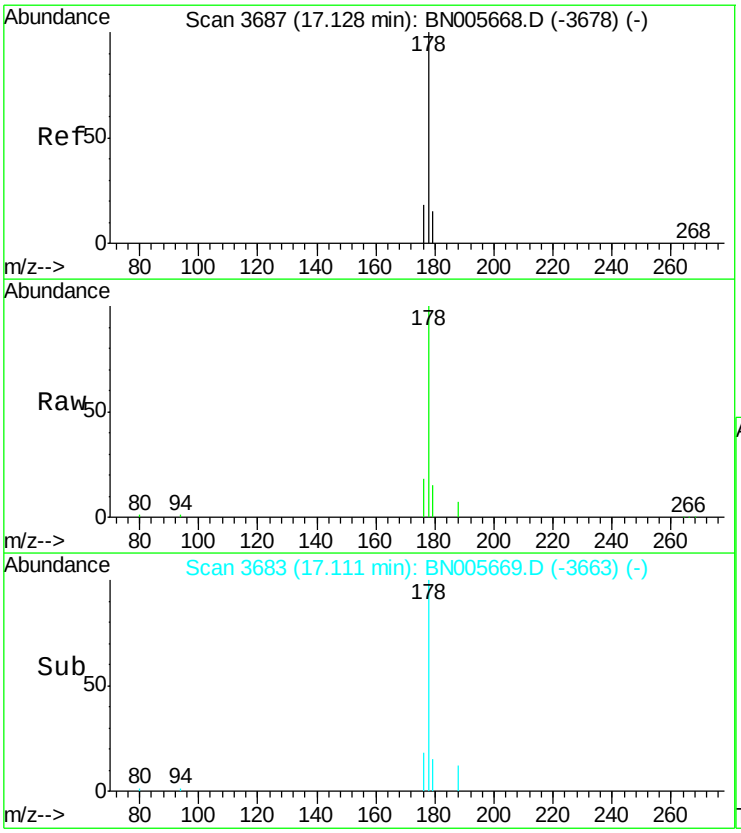
Tgt Ion:178 Resp: 73456

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.1	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
SBLK04

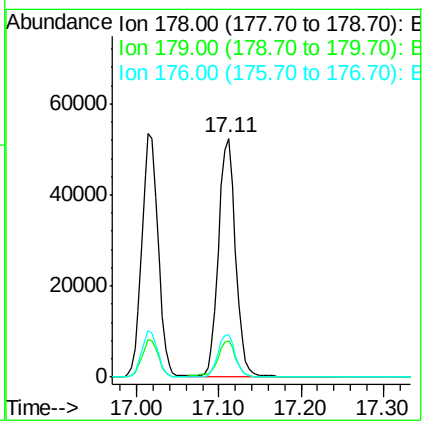
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

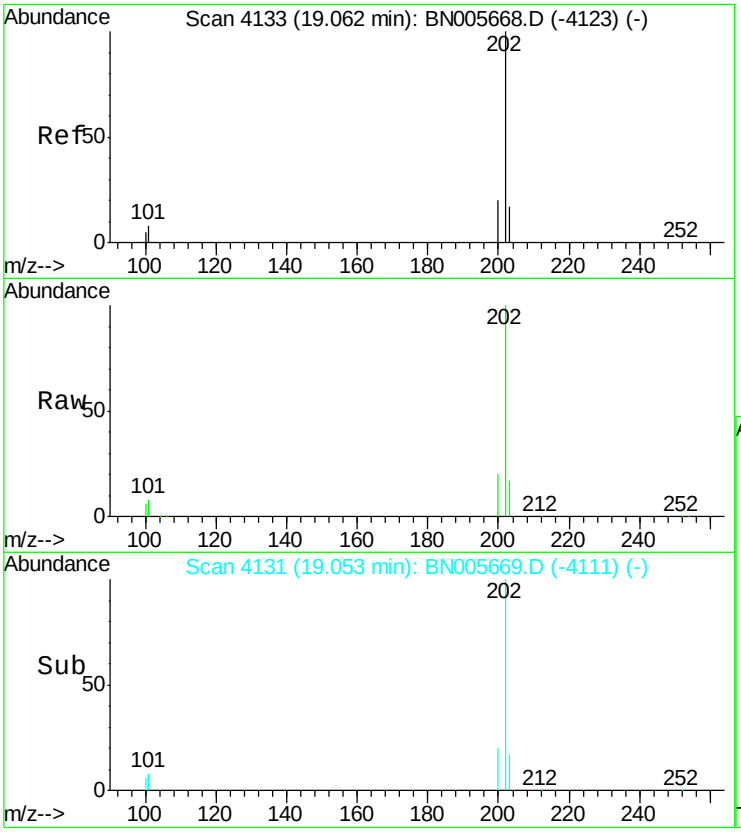


#13
Anthracene
Concen: 0.280 ng/ul
RT: 17.11 min Scan# 3683
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:178 Resp: 75201

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.1	15.1	22.7

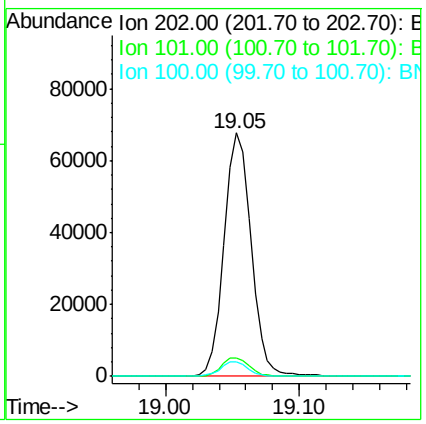




#15
Fluoranthene
Concen: 0.254 ng/ul
RT: 19.05 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

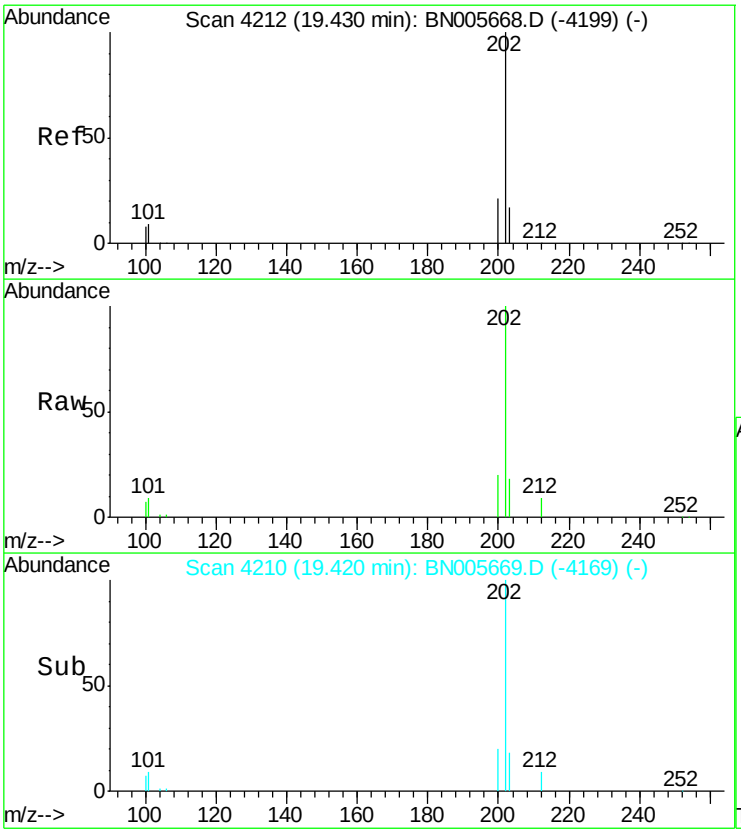
Tgt Ion:202 Resp: 94666

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	29.4
100	6.0	0.0	27.1



Instrument :
BNA_N
ClientSampleId :
SBLK04

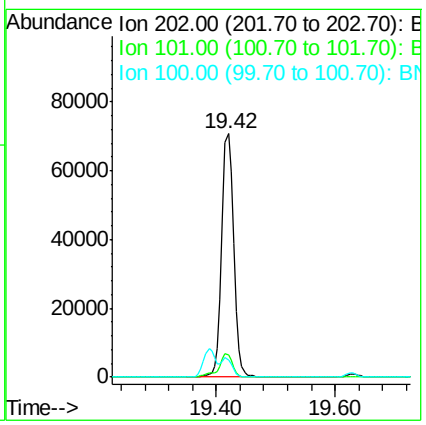
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

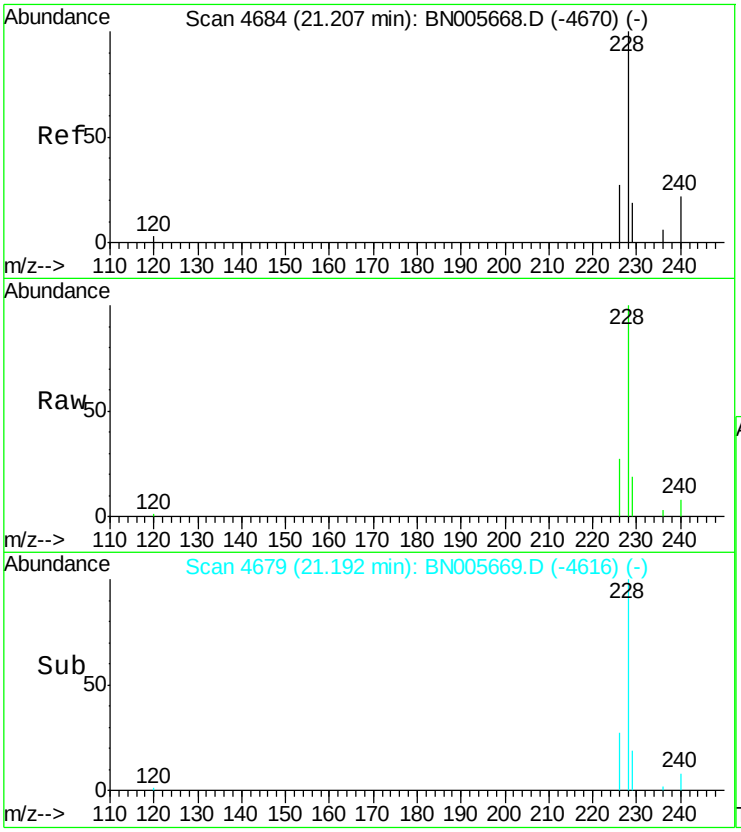


#17
Pyrene
Concen: 0.273 ng/ul
RT: 19.42 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:202 Resp: 98762

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.5	12.7
100	7.2	6.9	10.3

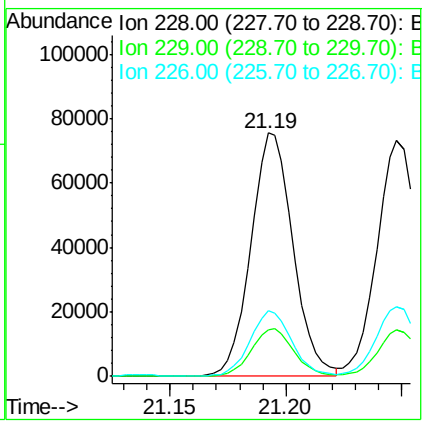




#18
Benzo(a)anthracene
Concen: 0.281 ng/ul
RT: 21.19 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

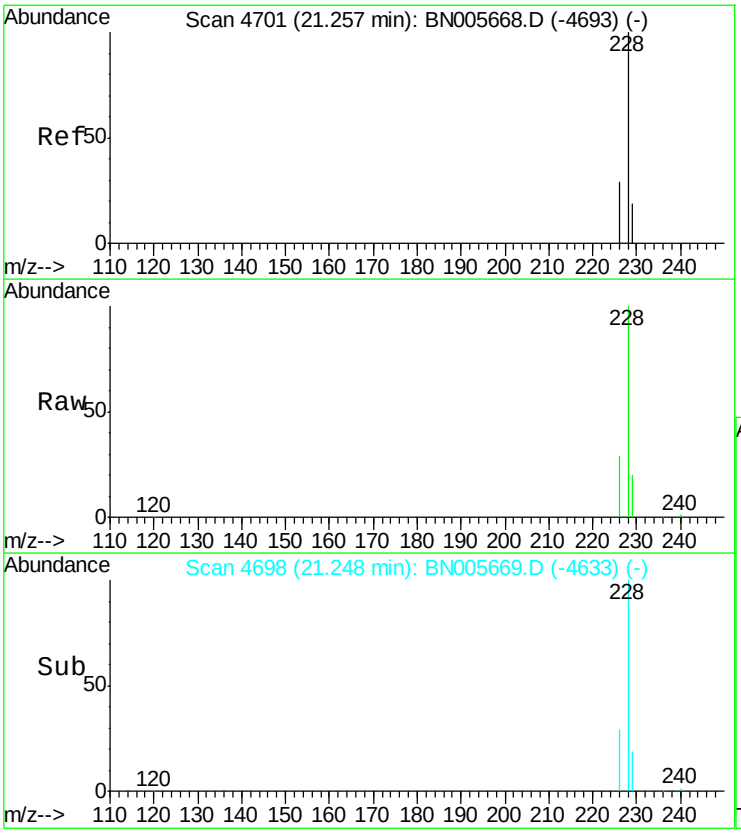
Tgt Ion:228 Resp: 95002

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.8
226	27.0	21.7	32.5



Instrument :
BNA_N
ClientSampleId :
SBLK04

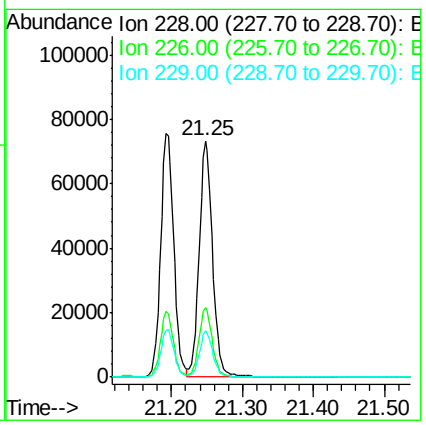
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

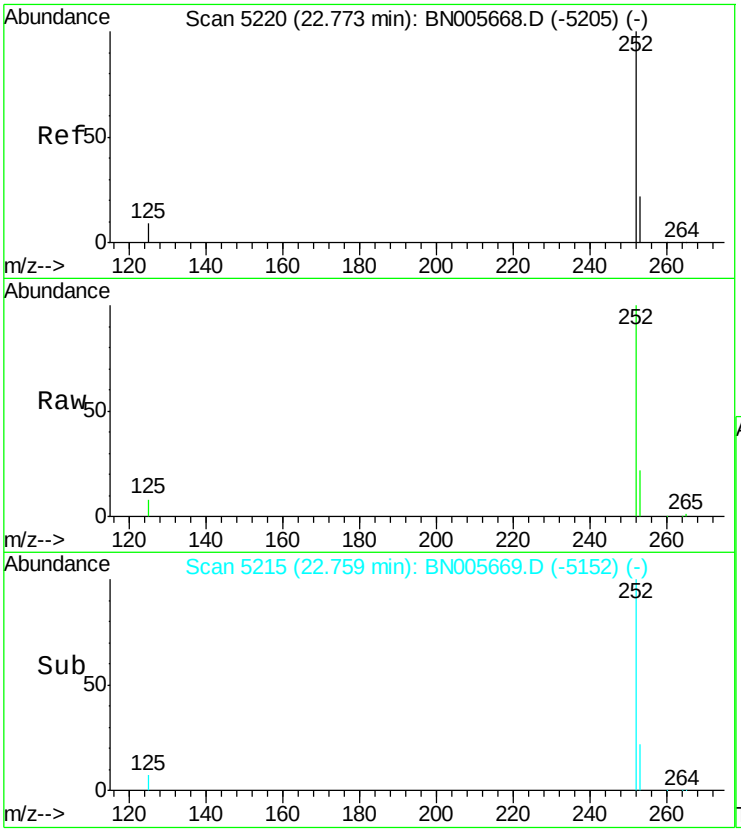


#19
Chrysene
Concen: 0.230 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:228 Resp: 95438

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.5	16.0	24.0

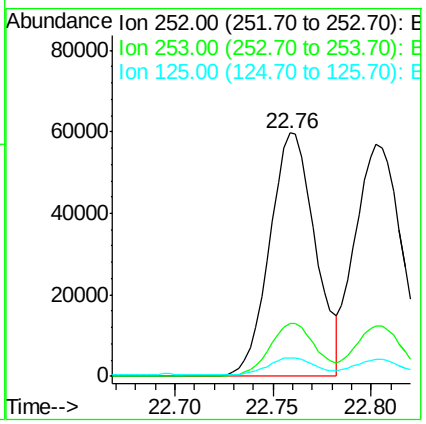




#21
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 22.76 min Scan# 5215
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

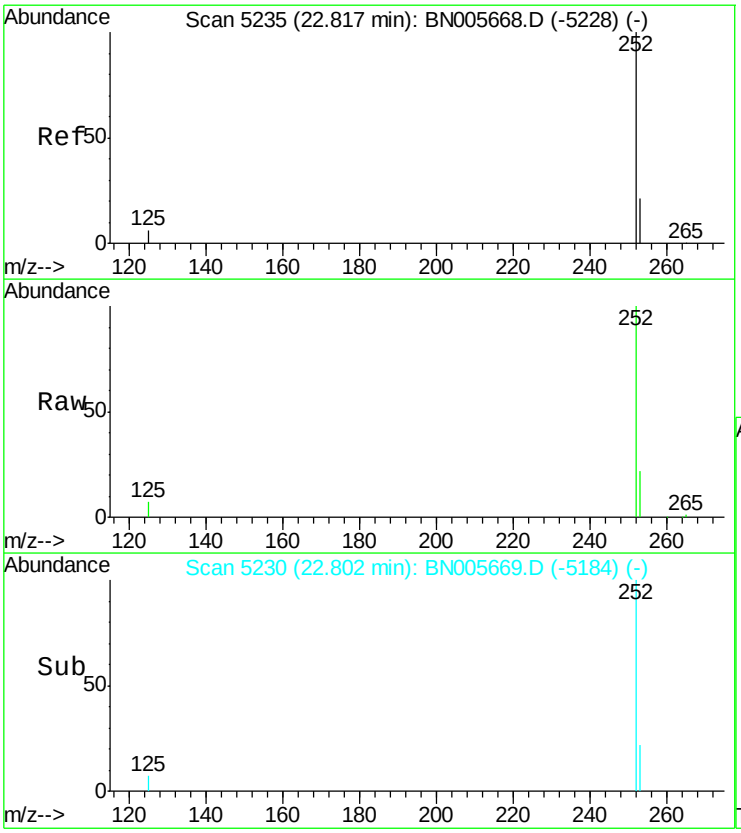
Tgt Ion:252 Resp: 96163

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	47.6
125	7.7	0.0	20.8



Instrument :
BNA_N
ClientSampleId :
SBLK04

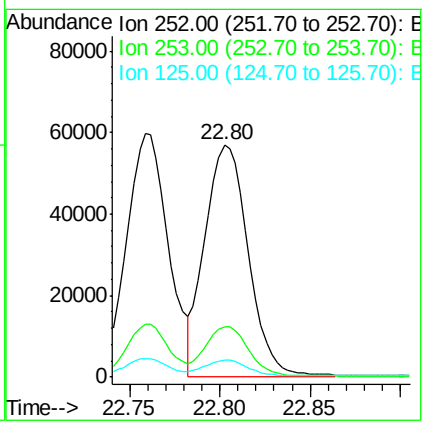
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

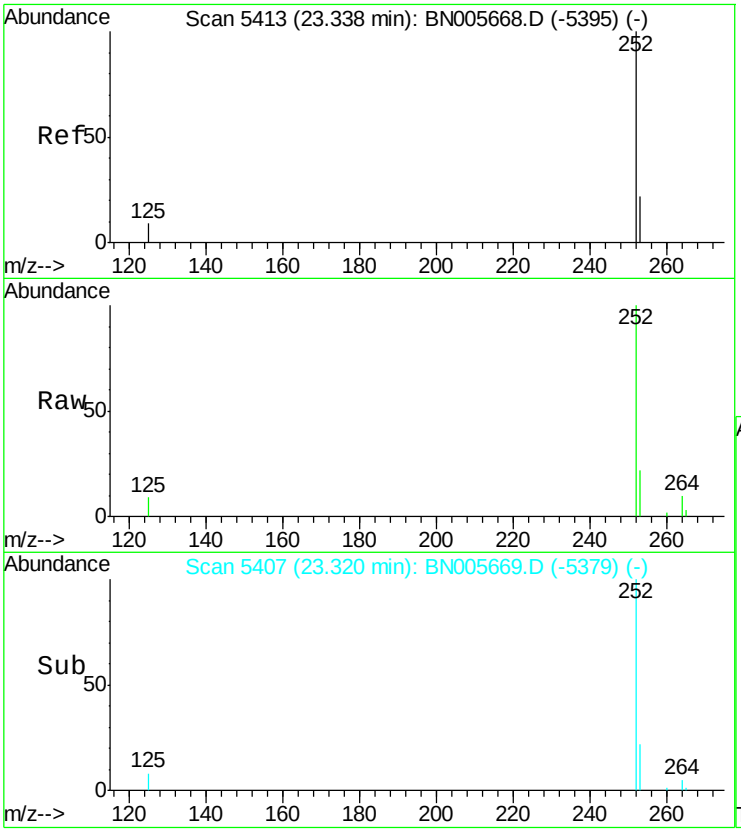


#22
Benzo(k)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.80 min Scan# 5230
Delta R.T. -0.01 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:252 Resp: 96116

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.8	28.2
125	7.4	7.6	11.4#





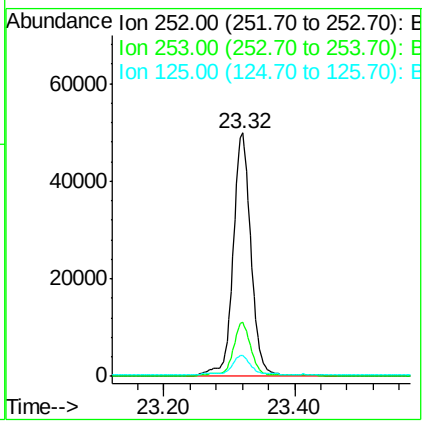
#23
Benzo(a)pyrene
Concen: 0.271 ng/ul
RT: 23.32 min Scan# 5407
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

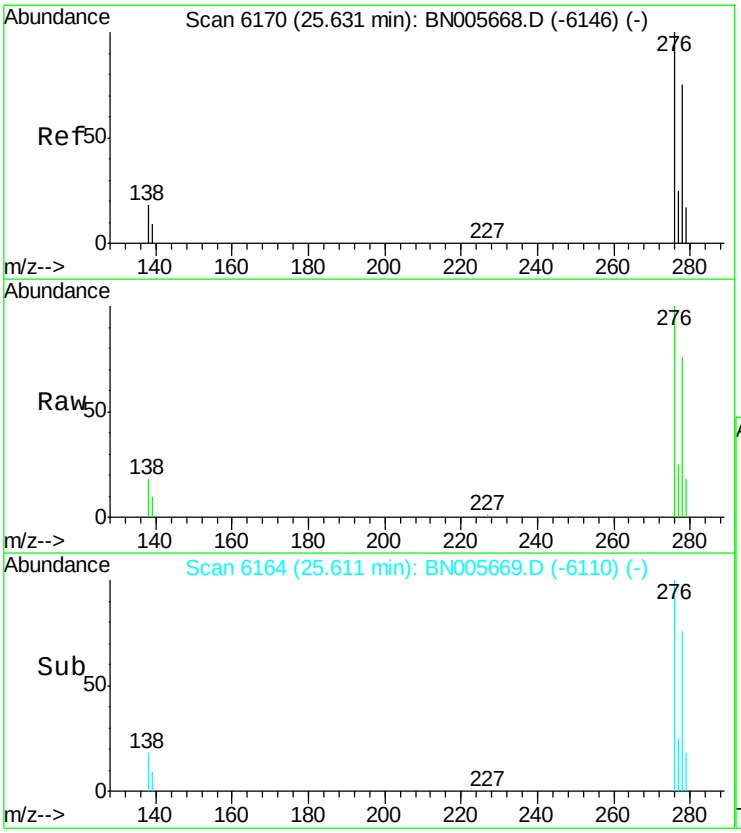
Tgt Ion:252 Resp: 93378

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.6	29.4
125	8.6	10.1	15.1#

Instrument :
BNA_N
ClientSampleId :
SBLK04

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM

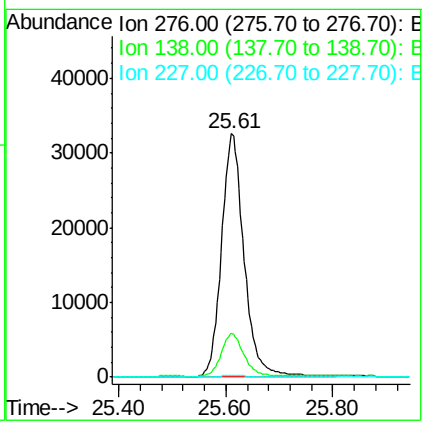


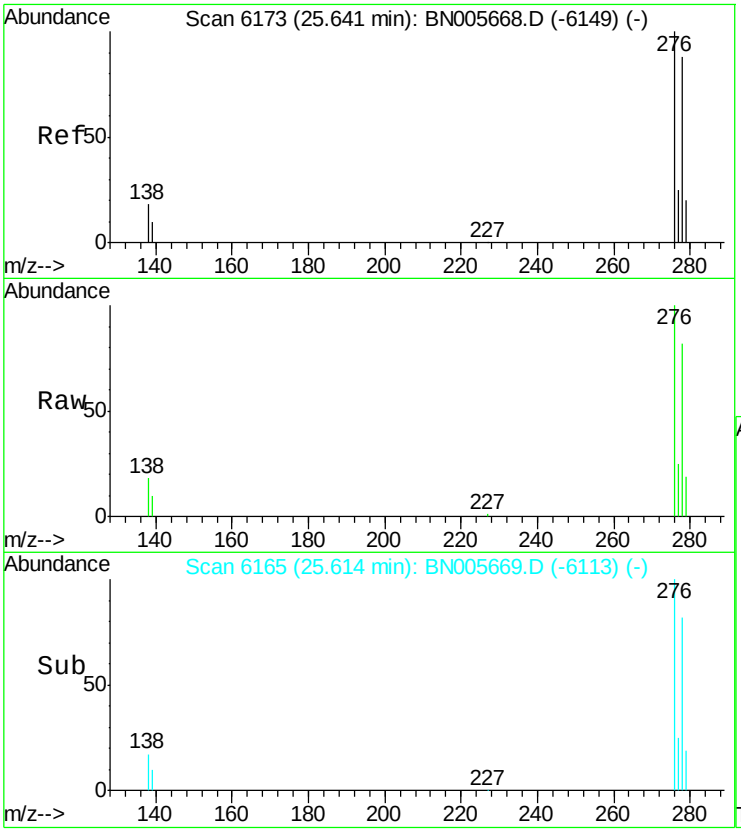


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 25.61 min Scan# 6164
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:276 Resp: 94781

Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.8	23.8
227	0.2	0.1	0.1#

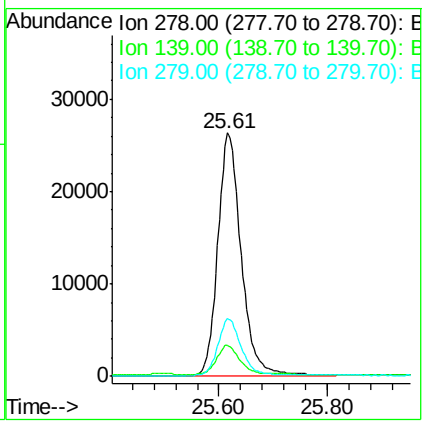




#25
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 25.61 min Scan# 6165
Delta R.T. -0.03 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

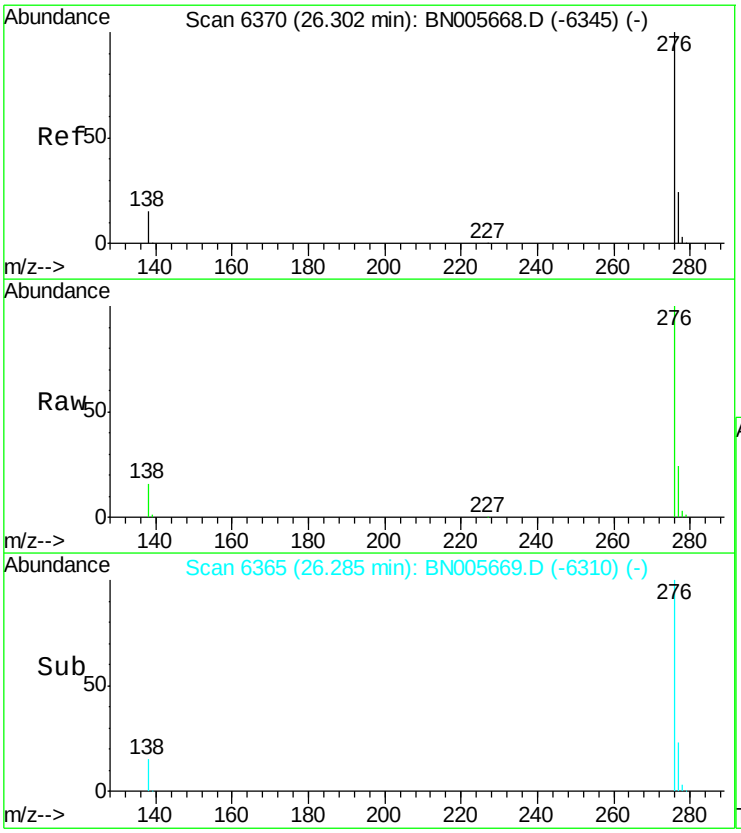
Tgt Ion:278 Resp: 78567

Ion	Ratio	Lower	Upper
278	100		
139	12.7	12.4	18.6
279	23.8	21.0	31.4



Instrument :
BNA_N
ClientSampleId :
SBLK04

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:41 AM



#26
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 26.29 min Scan# 6365
Delta R.T. -0.02 min
Lab File: BN005669.D
Acq: 14 May 2019 01:27

Tgt Ion:276 Resp: 76051

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.6	23.4
277	23.7	20.6	31.0