Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Data File : BN005673.D
Acq On : 14 May 2019 03:45
Operator : JU/SJ
Sample : K2692-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5113

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

Quant Time: May 14 07:32:44 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	1123	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	4828	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	3337	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	7913m	0.40	ng/ul	-0.01
16) Chrysene-d12	21.21	240	8275m	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	7722m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2393	0.32	ng/ul	-0.02
14) Fluoranthene-d10	19.02	212	9051m	0.36	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.39	128	483636	37.855	ng/ul	96
5) 2-Methylnaphthalene	12.01	142	497435	57.019	ng/ul	98
7) Acenaphthylene	13.94	152	504274	30.013	ng/ul	97
8) Acenaphthene	14.28	153	336420	28.300	ng/ul	96
9) Fluorene	15.28	166	496593	35.757	ng/ul	98
12) Phenanthrene	17.02	178	735496m	34.113	ng/ul	
13) Anthracene	17.11	178	1129946m	52.537	ng/ul	
15) Fluoranthene	19.05	202	894366m	29.971	ng/ul	
17) Pyrene	19.42	202	803559	26.295	ng/ul	95
18) Benzo(a)anthracene	21.19	228	743861	26.073	ng/ul	100
19) Chrysene	21.25	228	618150	17.643	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	1278334	55.059	ng/ul	95
22) Benzo(k)fluoranthene	22.81	252	656859m	22.575	ng/ul	
23) Benzo(a)pyrene	23.32	252	621615m	23.960	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.61	276	718648m	24.761	ng/ul	
25) Dibenzo(a,h)anthracene	25.62	278	400982	16.715	ng/ul#	93
26) Benzo(g,h,i)perylene	26.28	276	936543m	37.843	ng/ul	

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

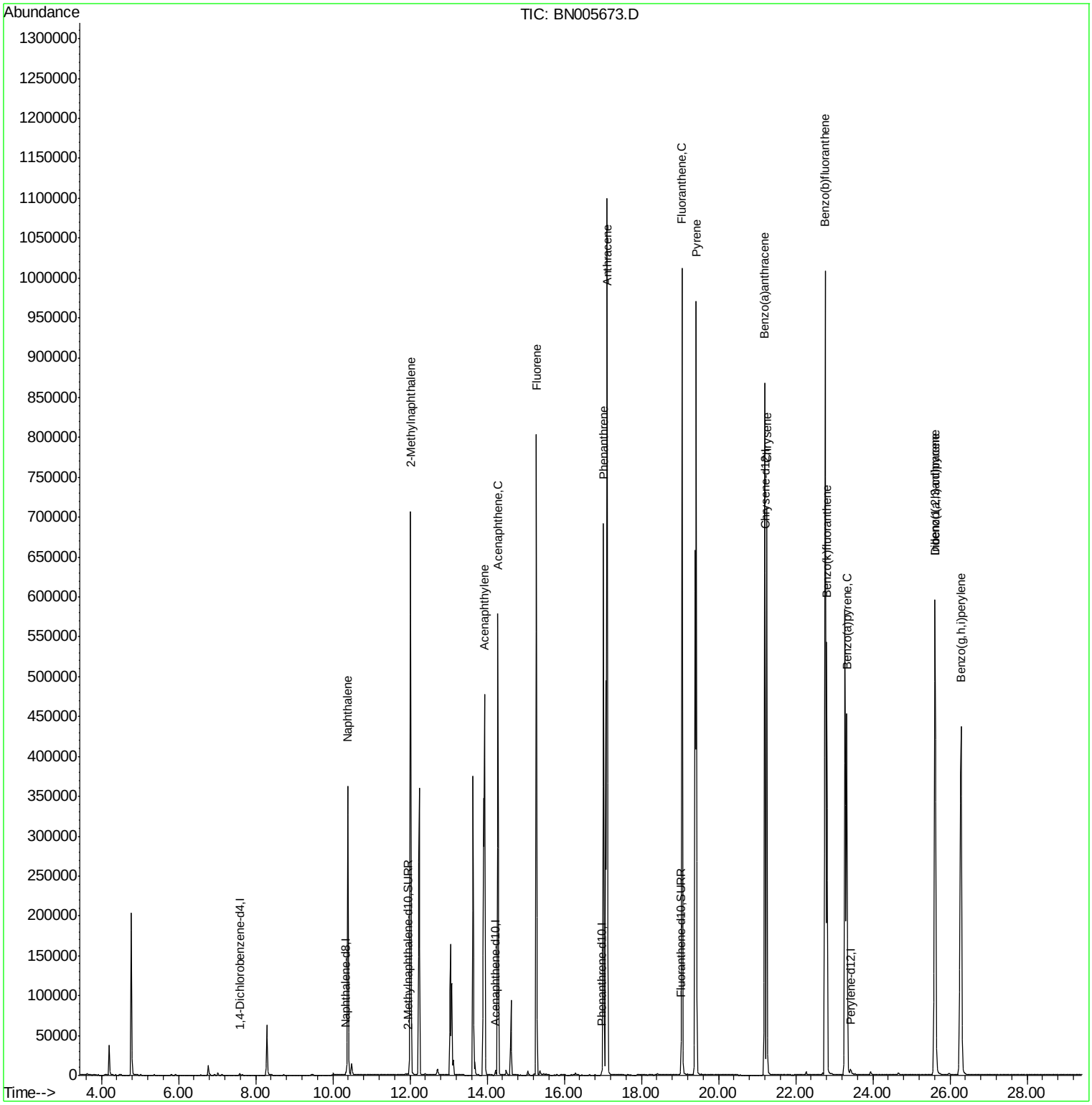
Quantitation Report (QT Reviewed)

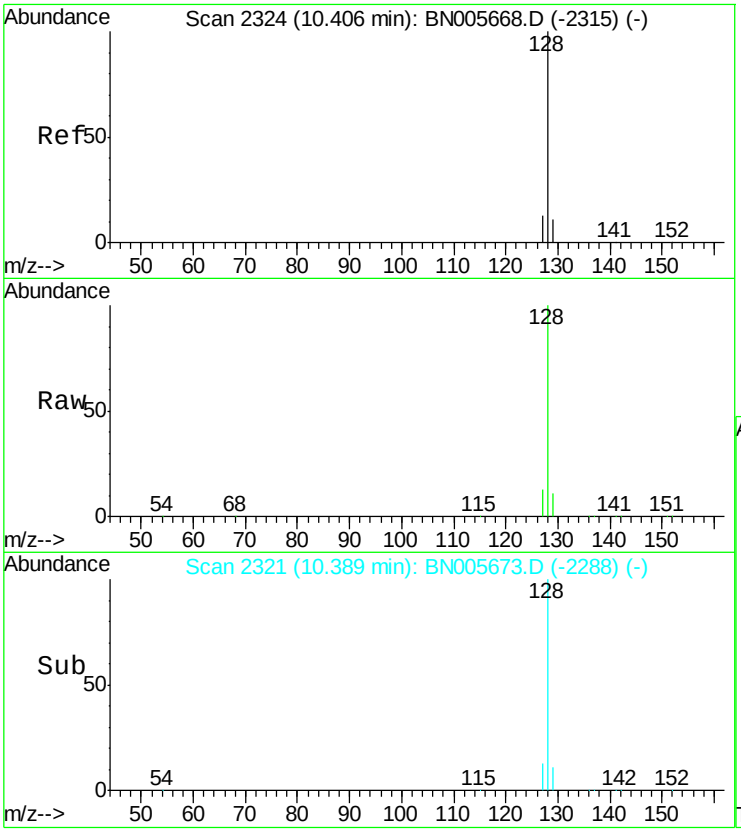
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051319\
Data File : BN005673.D
Acq On : 14 May 2019 03:45
Operator : JU/SJ
Sample : K2692-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 14 07:32:44 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 :
A5113

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

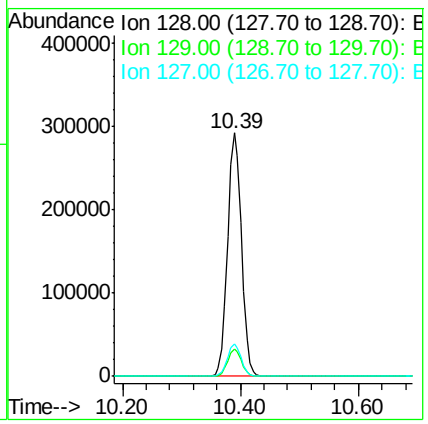




#3
Naphthalene
Concen: 37.855 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

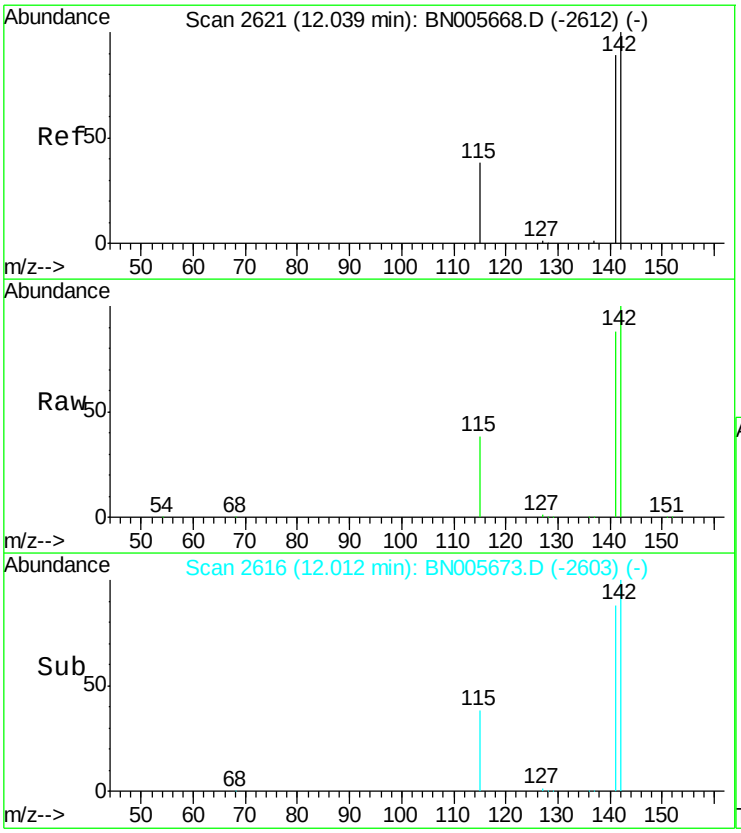
Tgt Ion:128 Resp: 483636

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.2	15.2
127	13.2	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
A5113

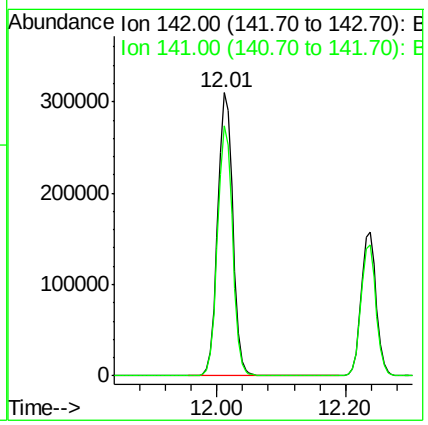
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

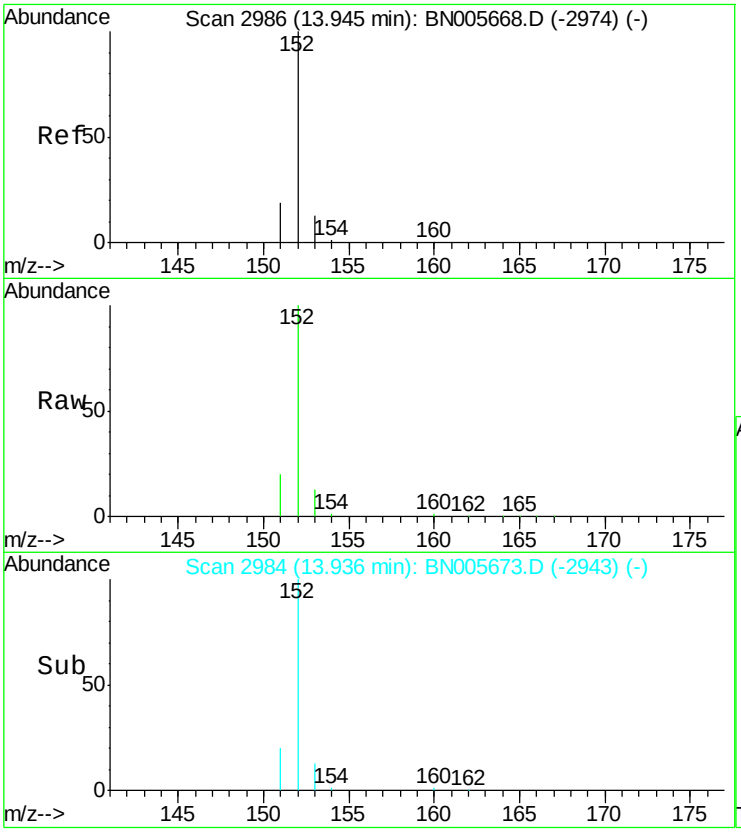


#5
2-Methylnaphthalene
Concen: 57.019 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. -0.03 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:142 Resp: 497435

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.2	108.2

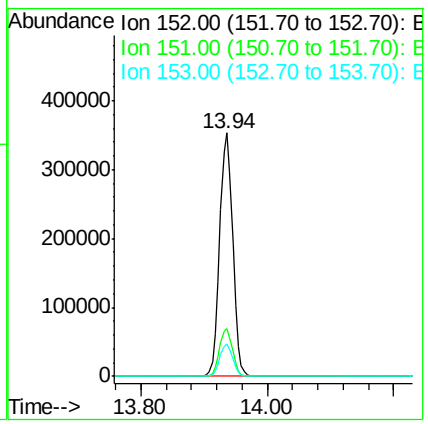




#7
Acenaphthylene
Concen: 30.013 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

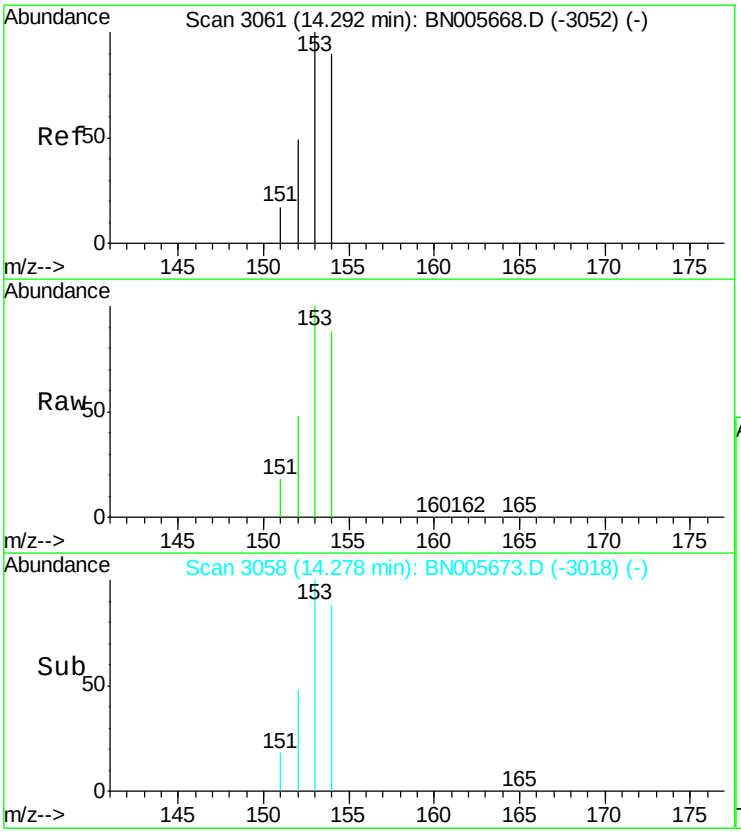
Tgt Ion:152 Resp: 504274

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1
153	13.2	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
A5113

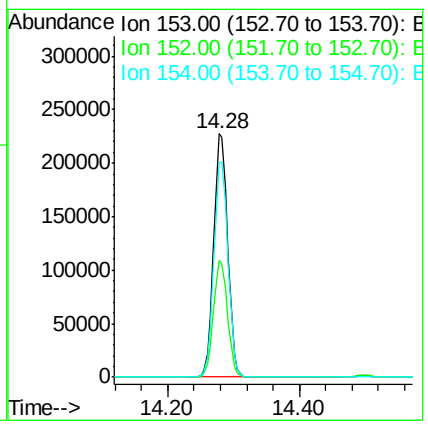
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

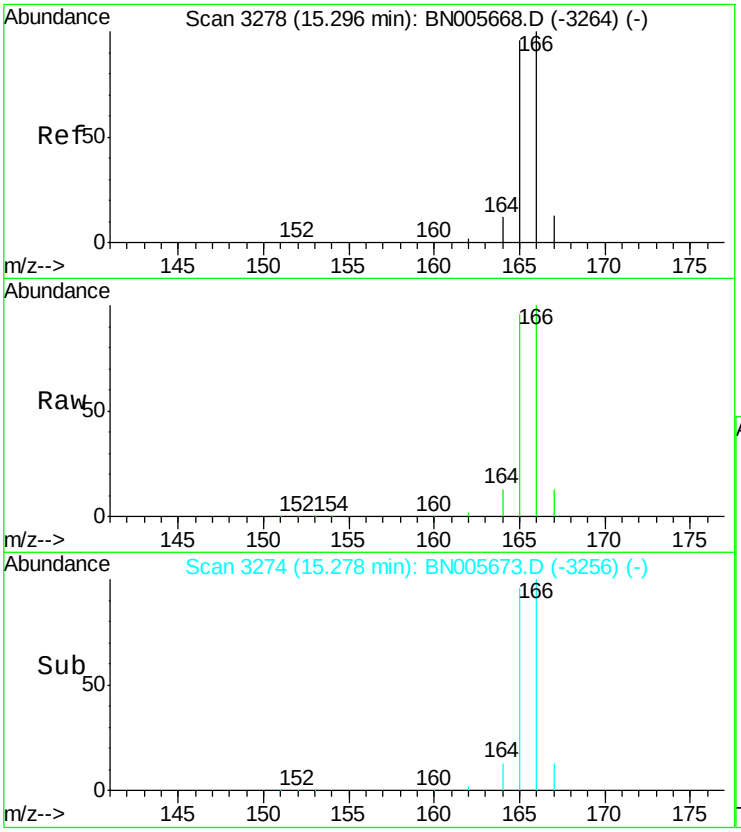


#8
Acenaphthene
Concen: 28.300 ng/ul
RT: 14.28 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:153 Resp: 336420

Ion	Ratio	Lower	Upper
153	100		
152	48.2	40.8	61.2
154	88.1	73.2	109.8

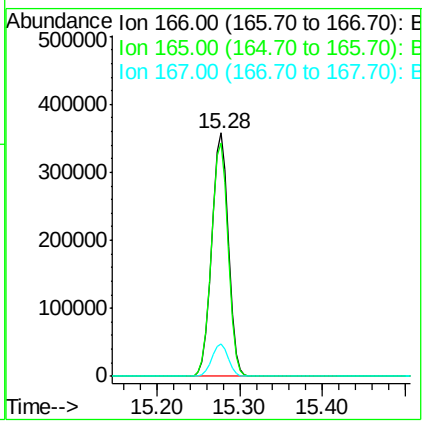




#9
Fluorene
Concen: 35.757 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.02 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

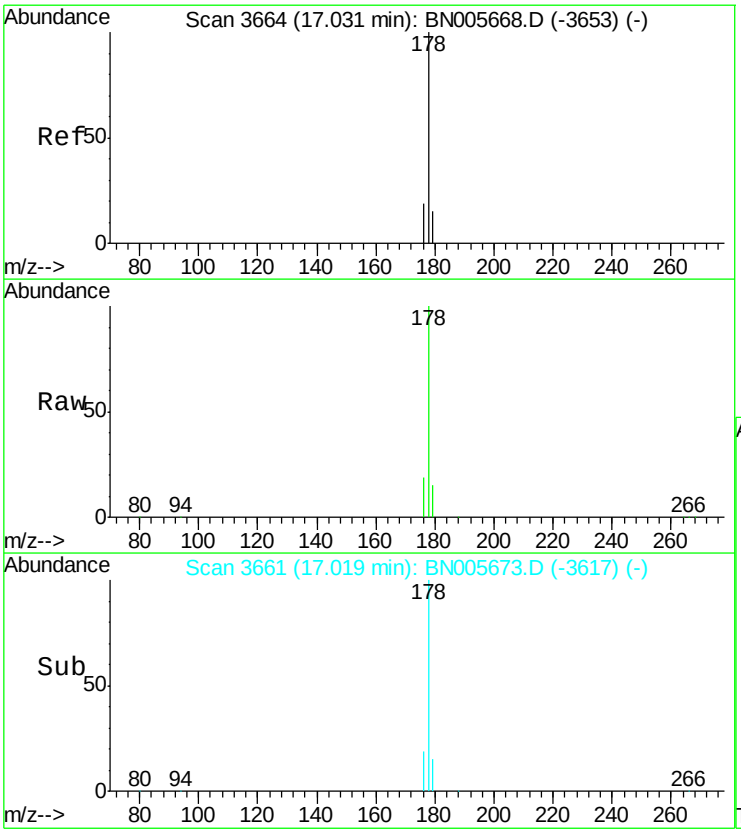
Tgt Ion:166 Resp: 496593

Ion	Ratio	Lower	Upper
166	100		
165	95.8	78.0	117.0
167	13.2	12.2	18.4



Instrument :
BNA_N
ClientSampleId :
A5113

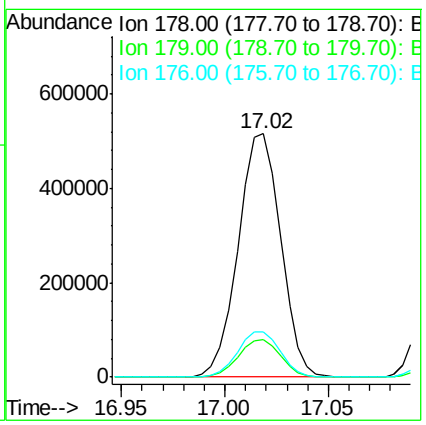
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

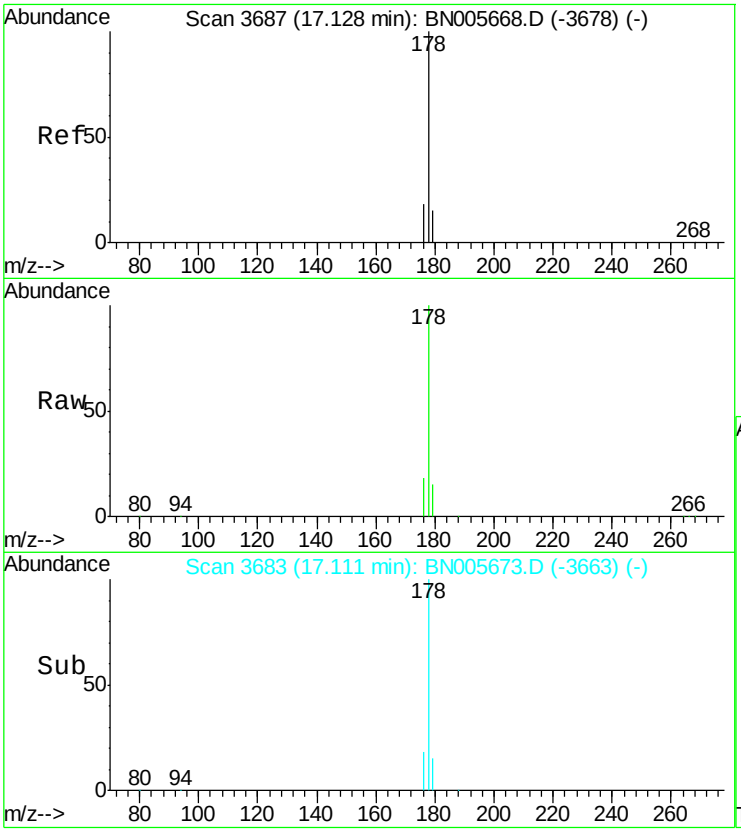


#12
Phenanthrene
Concen: 34.113 ng/ul m
RT: 17.02 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:178 Resp: 735496

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.6	15.3	22.9

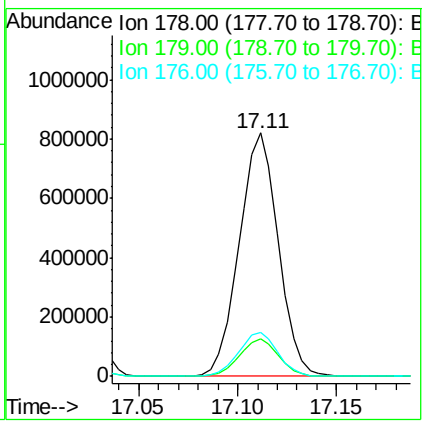




#13
Anthracene
Concen: 52.537 ng/ul m
RT: 17.11 min Scan# 3683
Delta R.T. -0.02 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

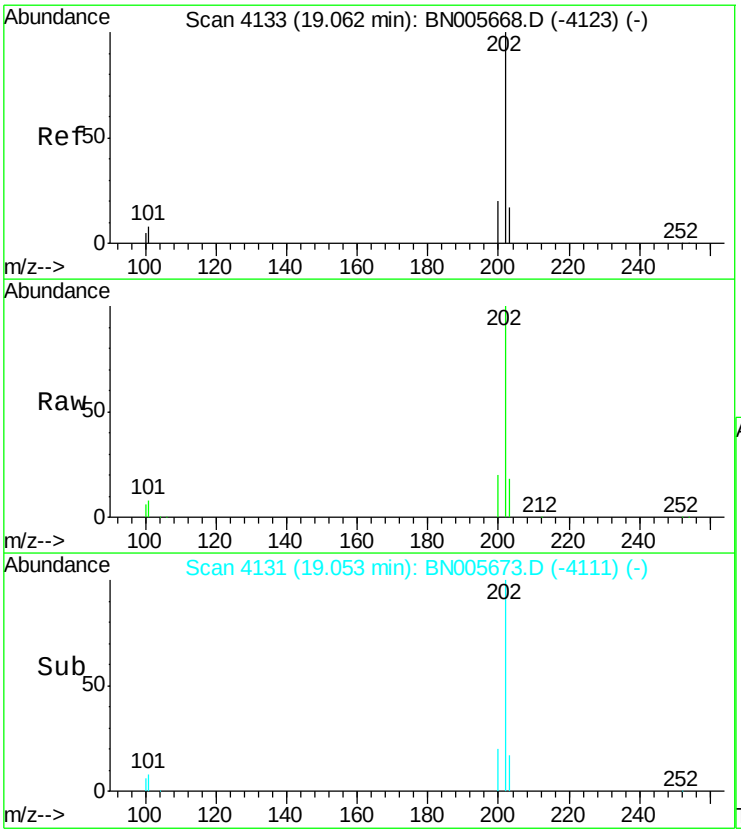
Tgt Ion:178 Resp: 1129946

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.1	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
A5113

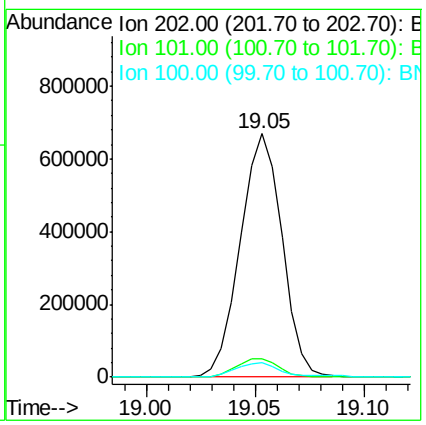
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

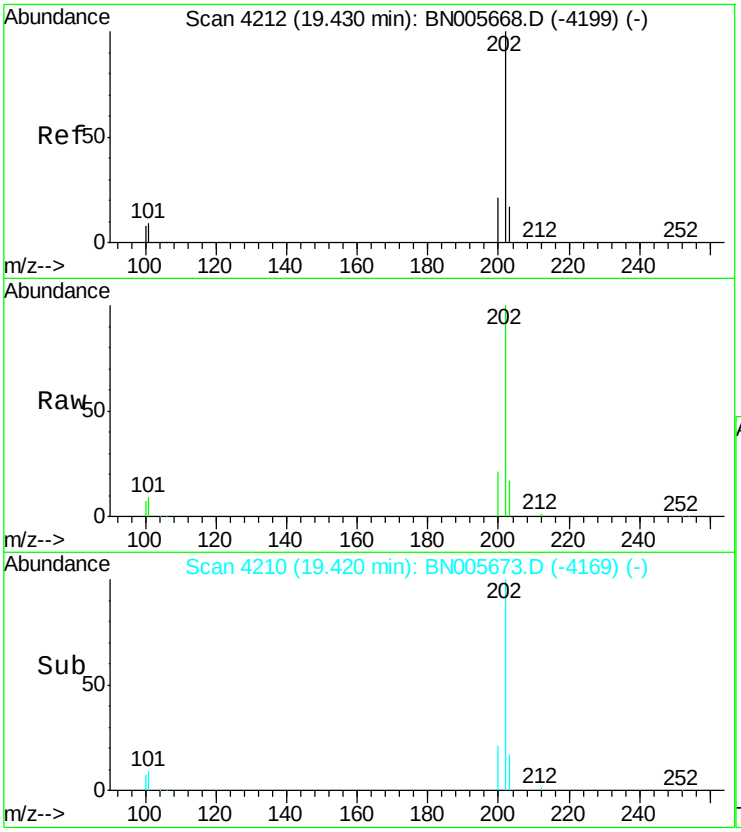


#15
Fluoranthene
Concen: 29.971 ng/ul m
RT: 19.05 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:202 Resp: 894366

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.4
100	5.7	0.0	27.1

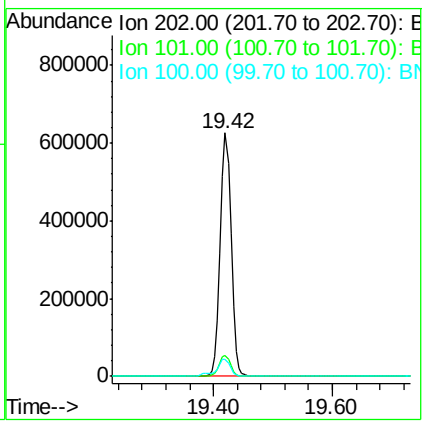




#17
Pyrene
Concen: 26.295 ng/ul
RT: 19.42 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

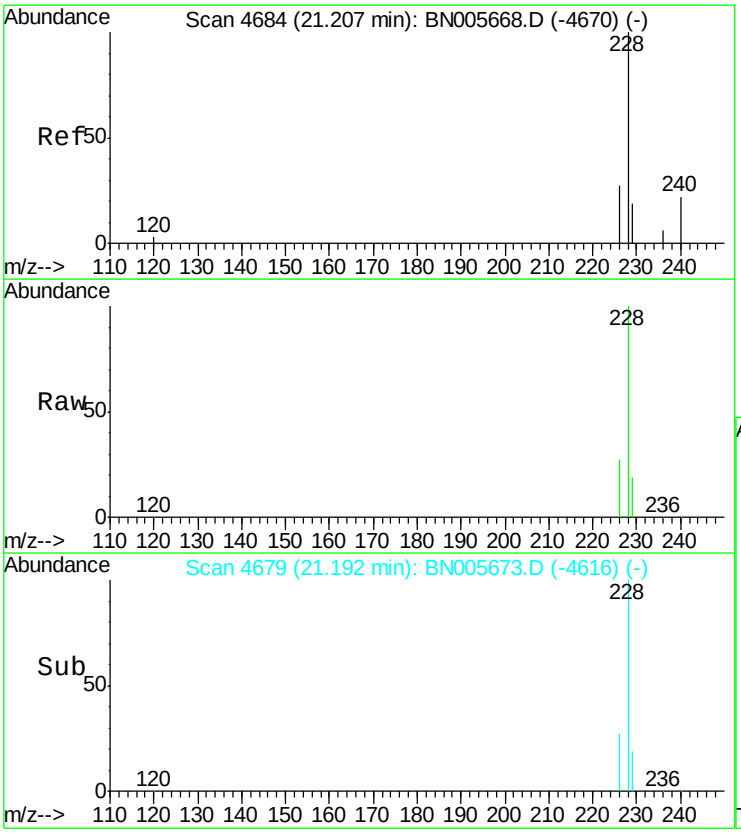
Tgt Ion:202 Resp: 803559

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.5	12.7
100	7.1	6.9	10.3



Instrument :
BNA_N
ClientSampleId :
A5113

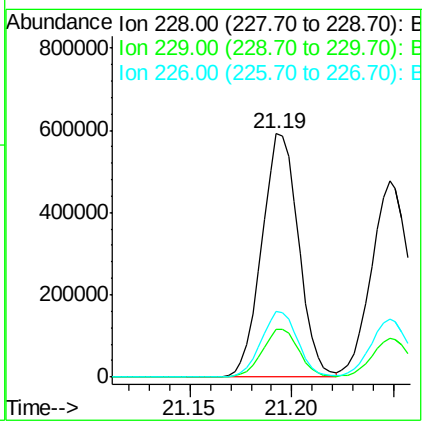
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

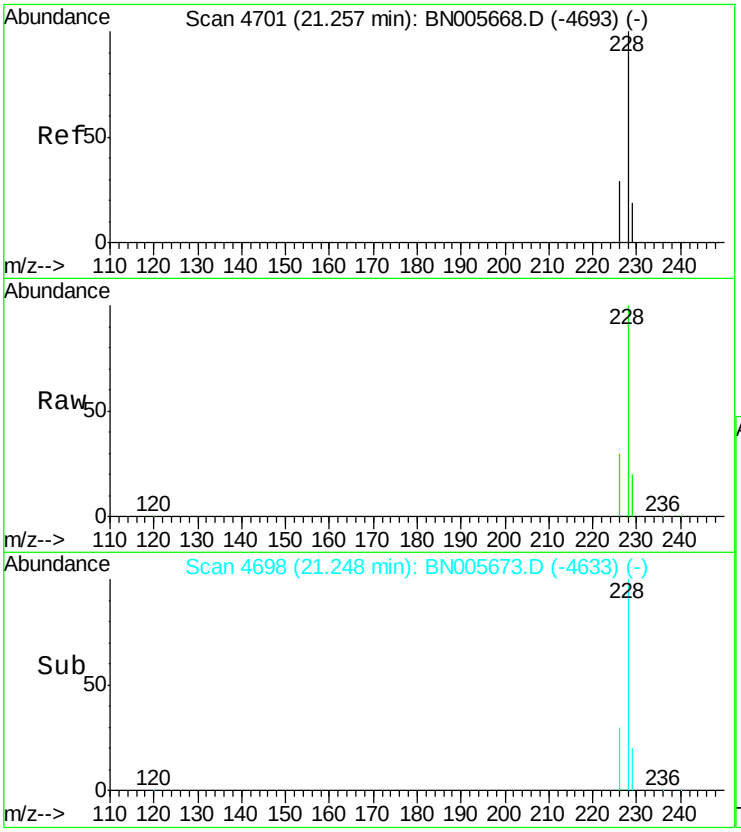


#18
Benzo(a)anthracene
Concen: 26.073 ng/ul
RT: 21.19 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:228 Resp: 743861

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	27.1	21.7	32.5

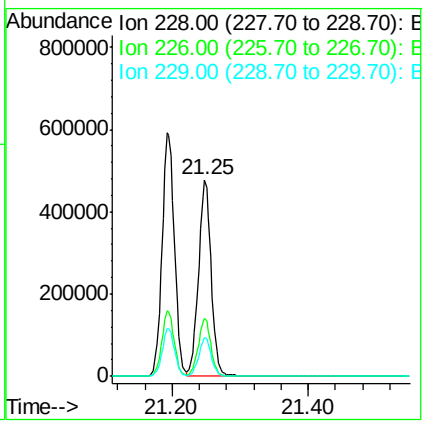




#19
Chrysene
Concen: 17.643 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

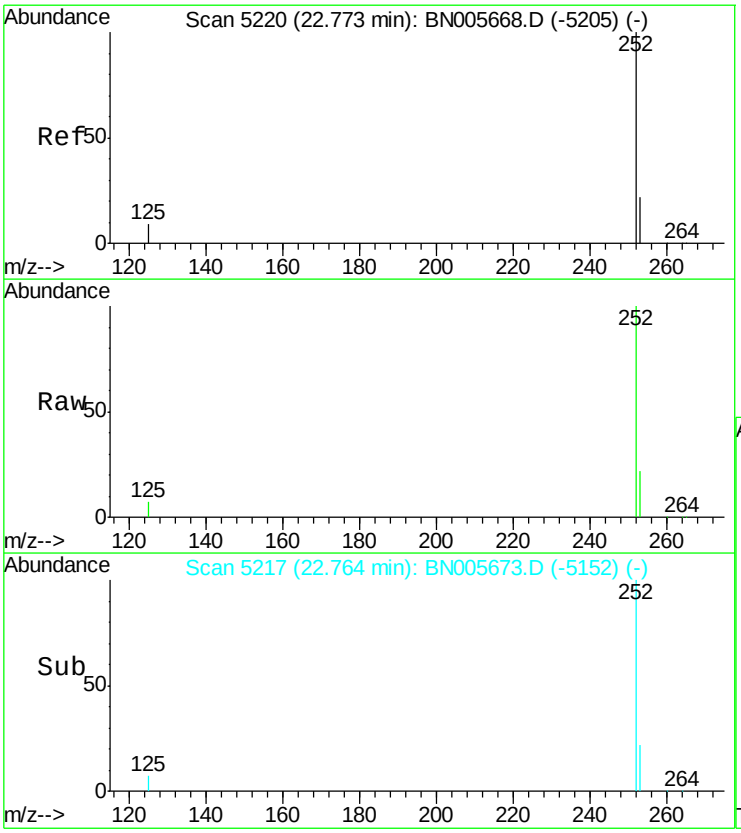
Tgt Ion:228 Resp: 618150

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.6	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
A5113

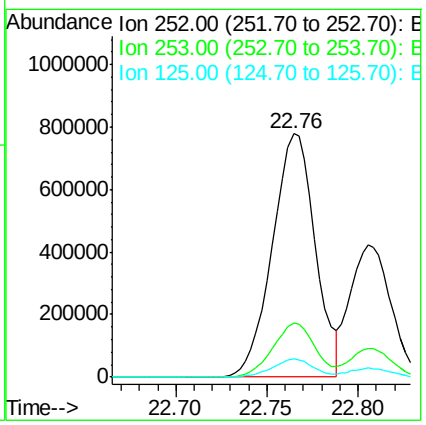
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

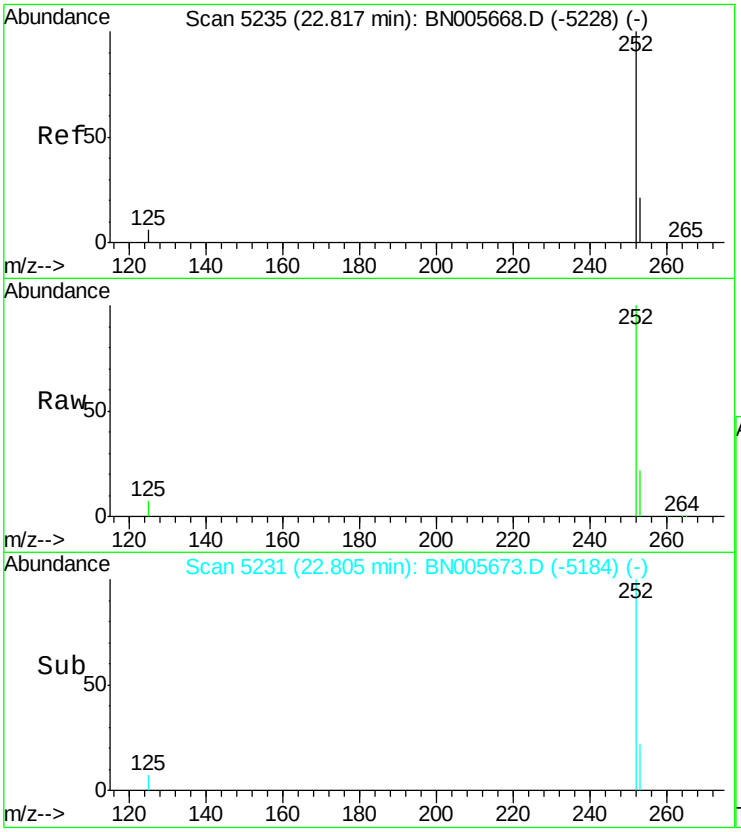


#21
Benzo(b)fluoranthene
Concen: 55.059 ng/ul
RT: 22.76 min Scan# 5217
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:252 Resp: 1278334

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	47.6
125	7.4	0.0	20.8

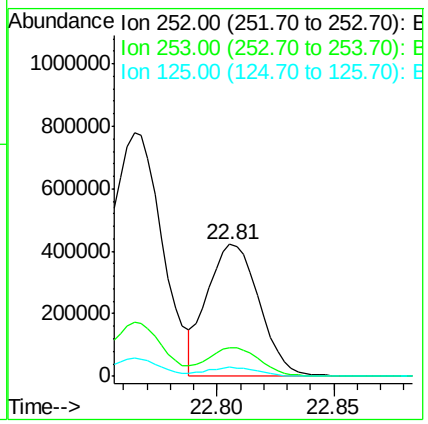




#22
Benzo(k)fluoranthene
Concen: 22.575 ng/ul m
RT: 22.81 min Scan# 5231
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

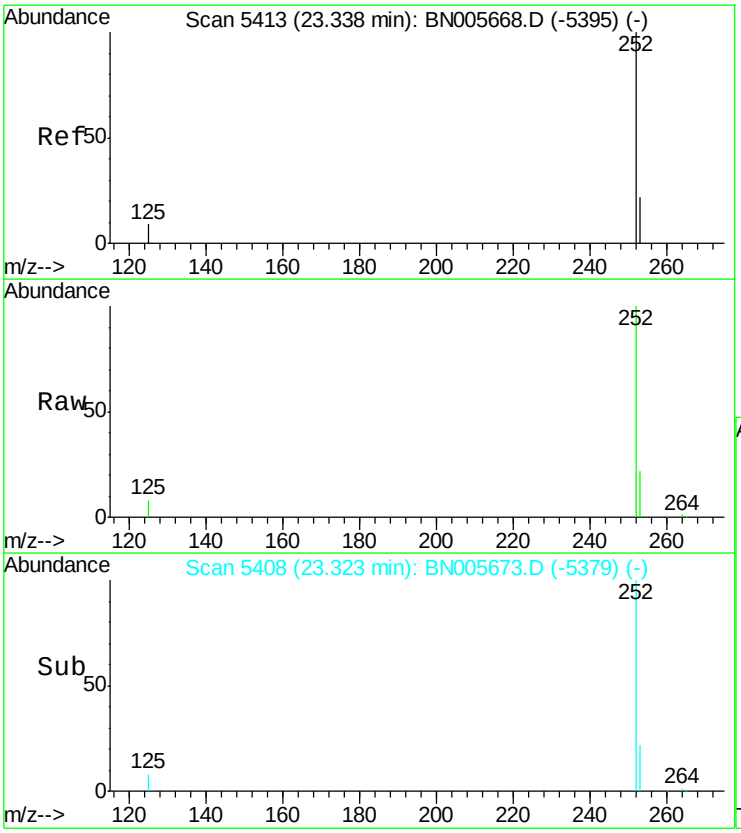
Tgt Ion:252 Resp: 656859

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.8	28.2
125	6.8	7.6	11.4#



Instrument :
BNA_N
ClientSampleId :
A5113

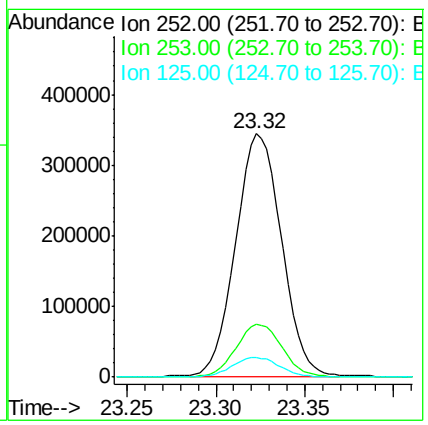
Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

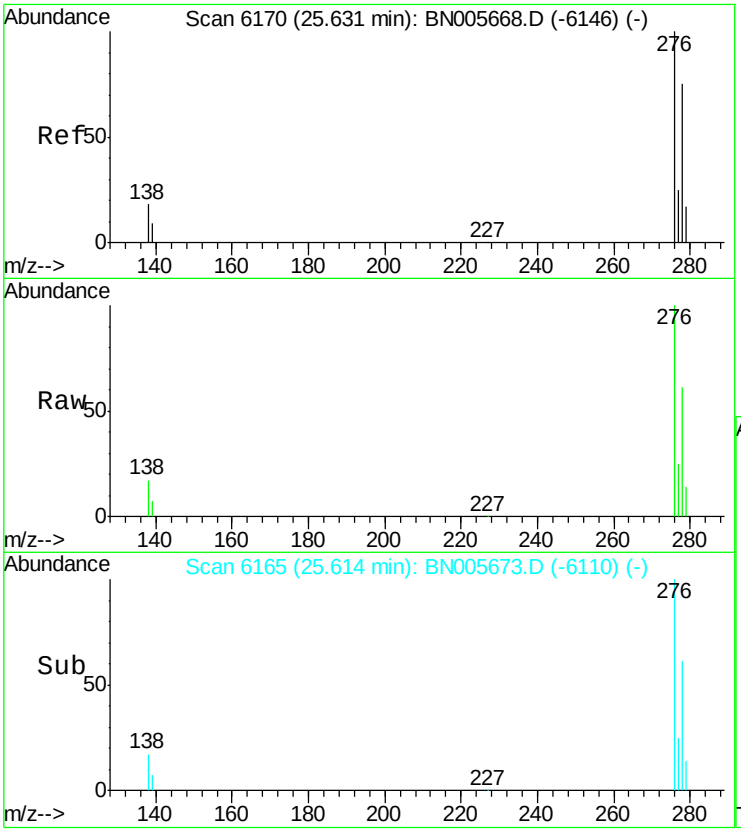


#23
Benzo(a)pyrene
Concen: 23.960 ng/ul m
RT: 23.32 min Scan# 5408
Delta R.T. -0.01 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:252 Resp: 621615

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.6	29.4
125	8.1	10.1	15.1#





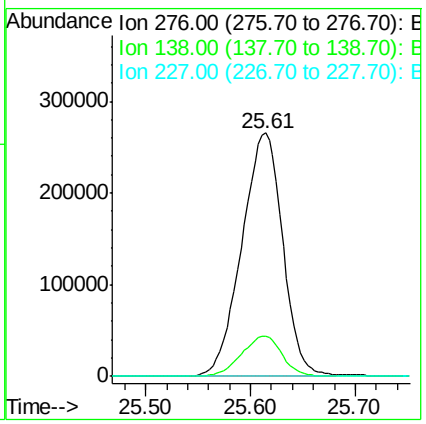
#24
Indeno(1,2,3-cd)pyrene
Concen: 24.761 ng/ul m
RT: 25.61 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

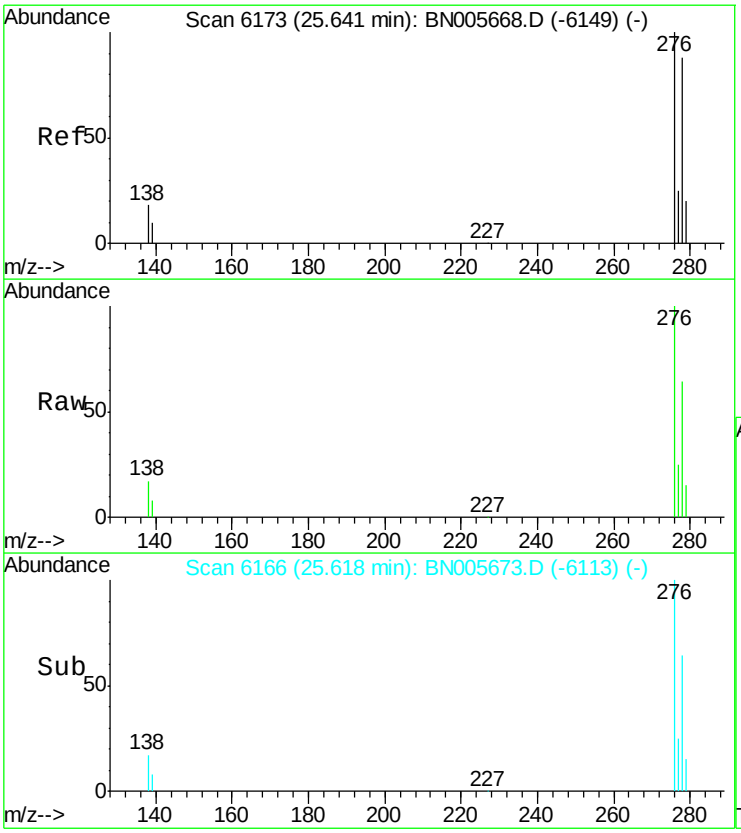
Tgt Ion:276 Resp: 718648

Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.8	23.8
227	0.2	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
A5113

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM

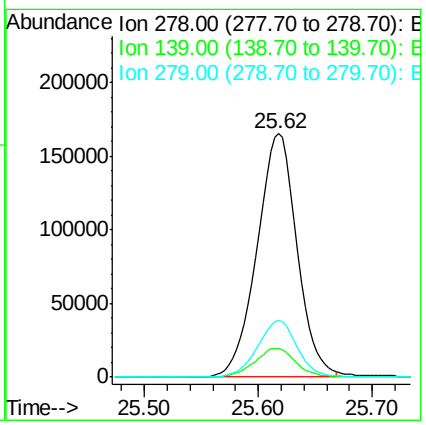


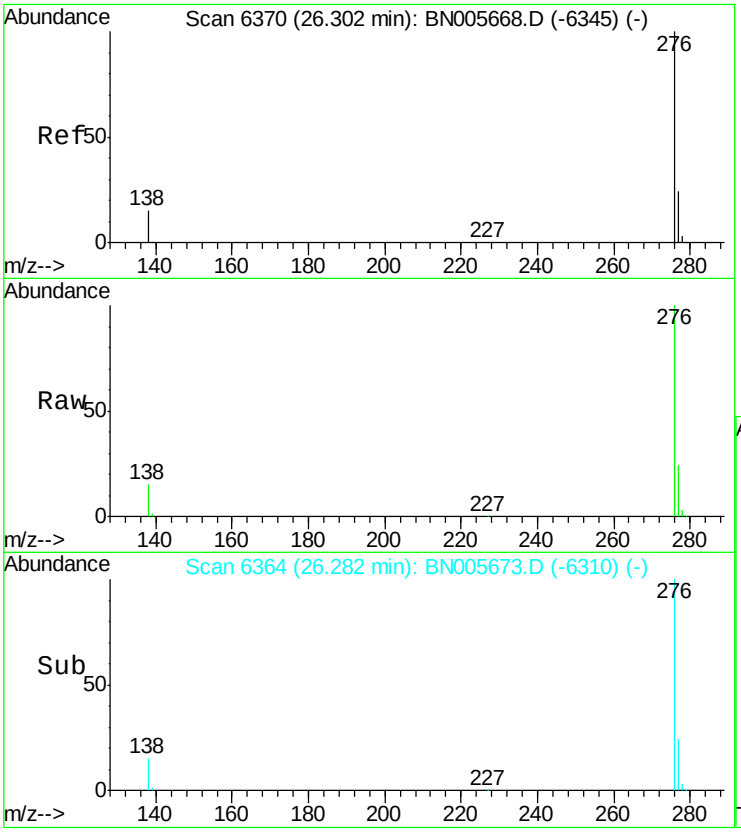


#25
Dibenzo(a,h)anthracene
Concen: 16.715 ng/ul
RT: 25.62 min Scan# 6166
Delta R.T. -0.02 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:278 Resp: 400982

Ion	Ratio	Lower	Upper
278	100		
139	11.8	12.4	18.6#
279	23.2	21.0	31.4

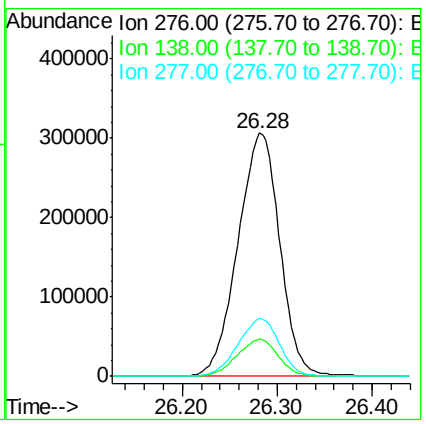




#26
Benzo(g,h,i)perylene
Concen: 37.843 ng/ul m
RT: 26.28 min Scan# 6364
Delta R.T. -0.02 min
Lab File: BN005673.D
Acq: 14 May 2019 03:45

Tgt Ion:276 Resp: 936543

Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.6	23.4#
277	23.7	20.6	31.0



Instrument :
BNA_N
ClientSampleId :
A5113

Manual Integrations APPROVED
mohammad
5/16/2019 11:35:53 AM