Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008614.D
Acq On : 18 Nov 2019 21:19
Operator : JU
Sample : K5678-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

Quant Time: Nov 19 03:00:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	6867	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	13657	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	10410	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11511	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3513	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	8000	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	15701	0.446	ng/ul	100
5) 2-Methylnaphthalene	12.06	142	11475	0.467	ng/ul	100
7) Acenaphthylene	13.97	152	3403	0.090	ng/ul#	85
8) Acenaphthene	14.32	153	1445	0.051	ng/ul	94
9) Fluorene	15.31	166	1944	0.059	ng/ul#	66
12) Phenanthrene	17.04	178	20206	0.439	ng/ul#	93
13) Anthracene	17.13	178	4938	0.113	ng/ul#	64
15) Fluoranthene	19.06	202	23575	0.417	ng/ul	96
17) Pyrene	19.42	202	31602	0.757	ng/ul	99
18) Benzo(a)anthracene	21.18	228	11477	0.274	ng/ul#	60
19) Chrysene	21.23	228	23632	0.575	ng/ul#	73
21) Benzo(b)fluoranthene	22.73	252	22428m	0.472	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	6426m	0.137	ng/ul	
23) Benzo(a)pyrene	23.28	252	15163	0.340	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	12111	0.232	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.54	278	3878	0.092	ng/ul#	1
26) Benzo(g,h,i)perylene	26.18	276	16168	0.371	ng/ul#	54

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

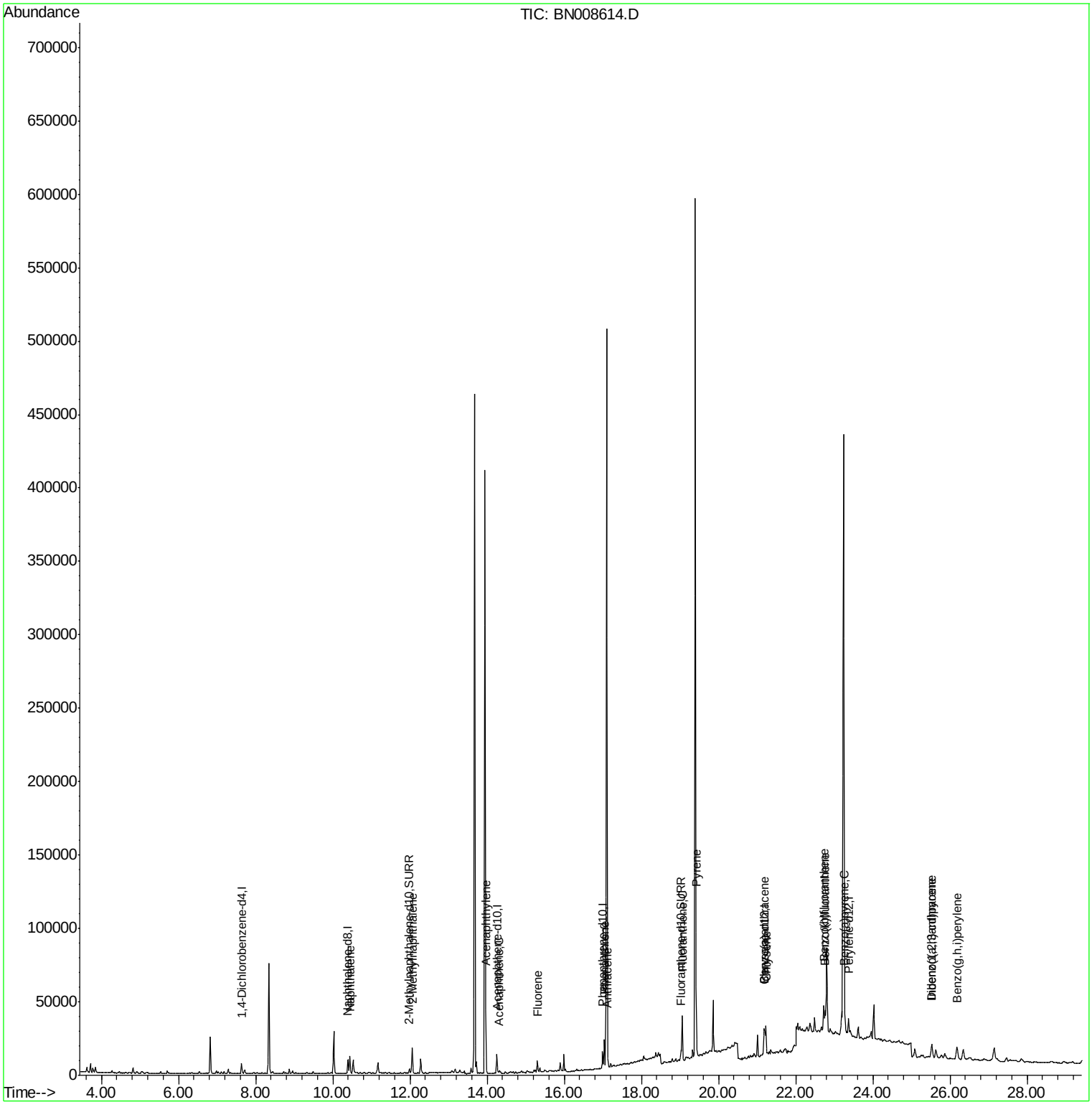
Quantitation Report (QT Reviewed)

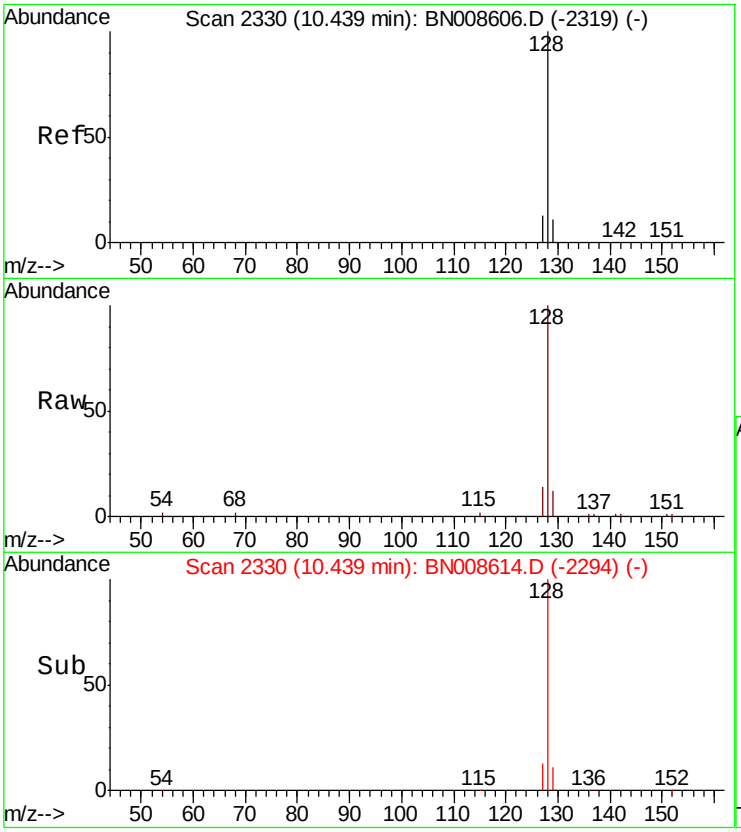
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008614.D
Acq On : 18 Nov 2019 21:19
Operator : JU
Sample : K5678-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 19 03:00:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

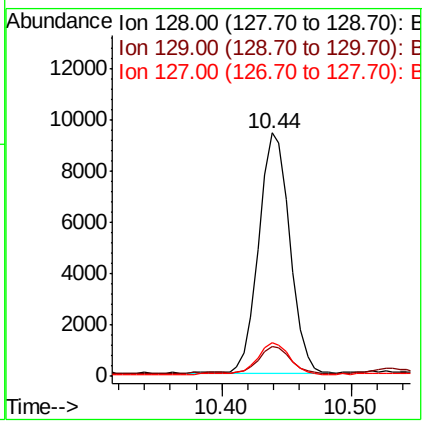




#3
Naphthalene
Concen: 0.446 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

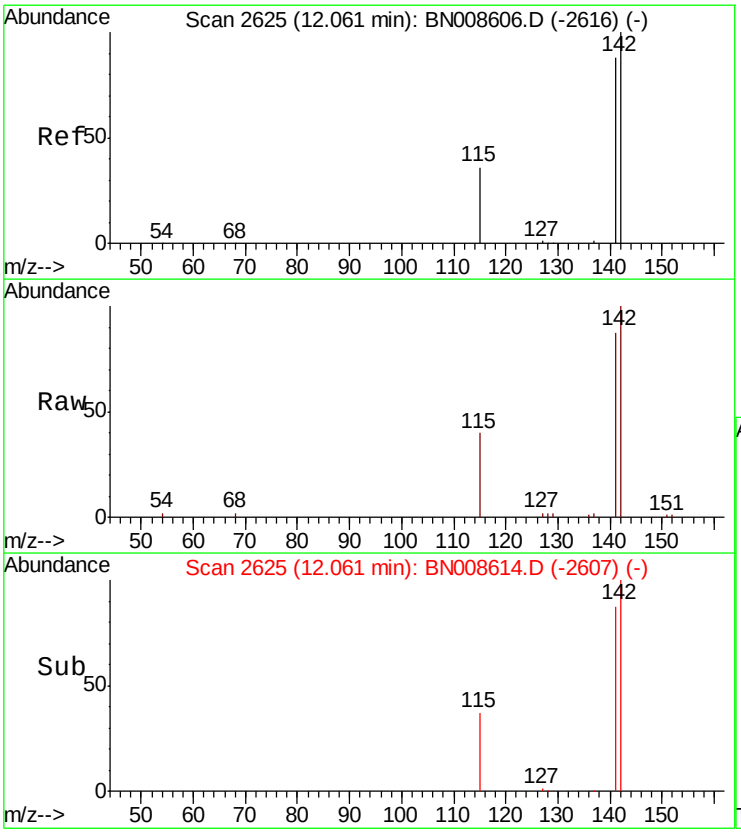
Tgt Ion:128 Resp: 15701

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	13.7	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
JLM99

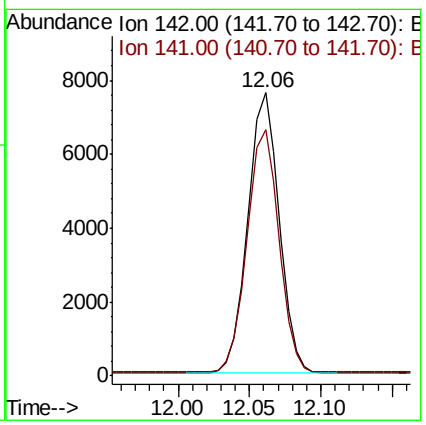
Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

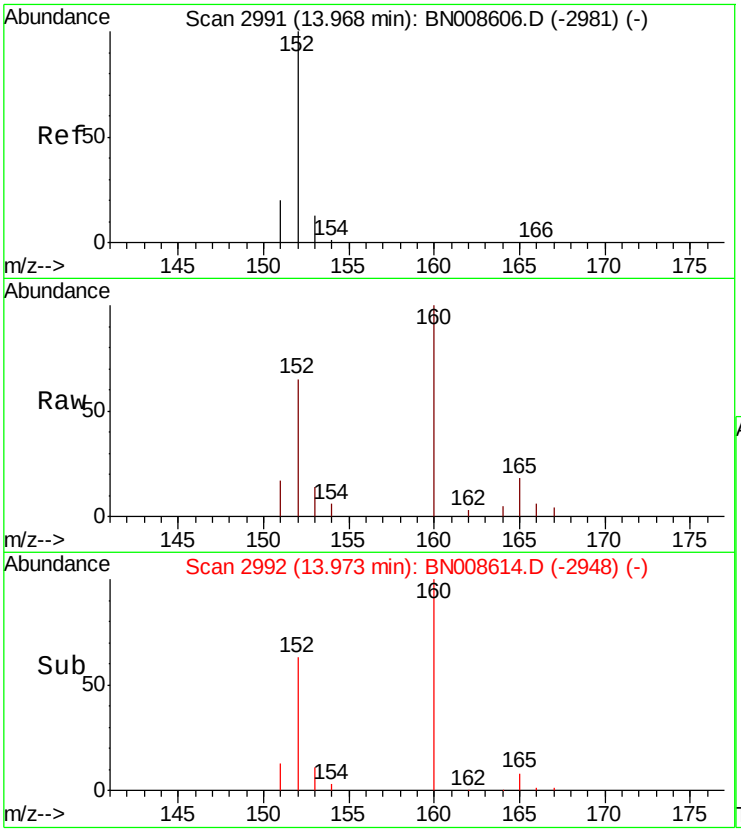


#5
2-Methylnaphthalene
Concen: 0.467 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:142 Resp: 11475

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7

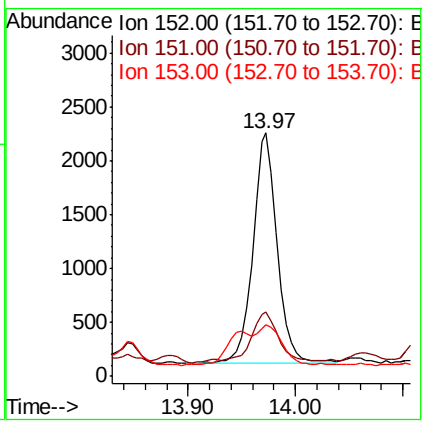




#7
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.97 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

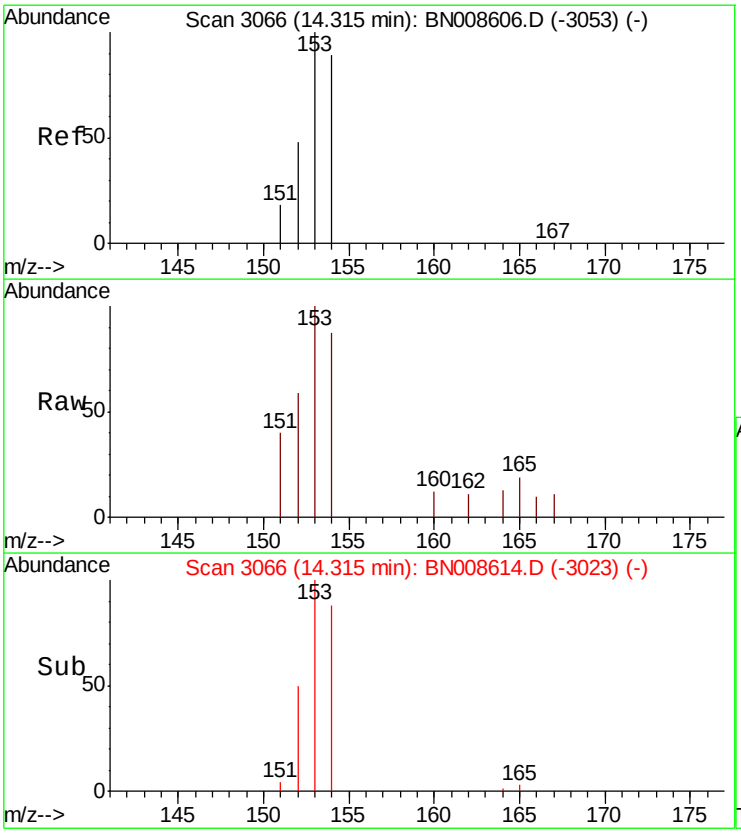
Tgt Ion:152 Resp: 3403

Ion	Ratio	Lower	Upper
152	100		
151	26.5	16.6	24.8#
153	21.2	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
JLM99

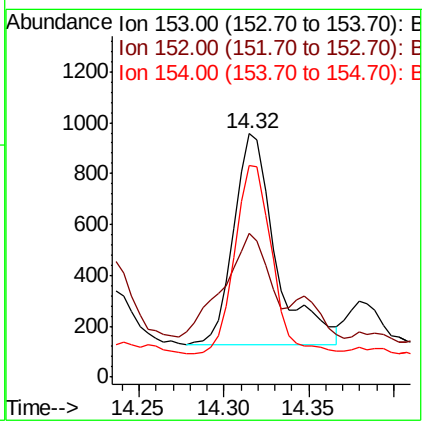
Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

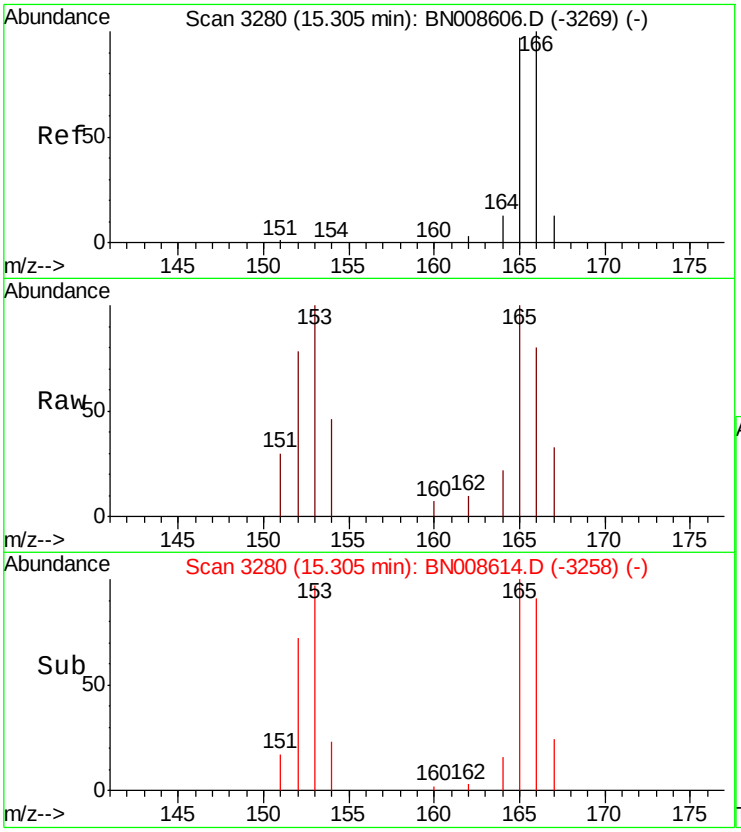


#8
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.32 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:153 Resp: 1445

Ion	Ratio	Lower	Upper
153	100		
152	58.9	39.6	59.4
154	86.8	70.6	106.0

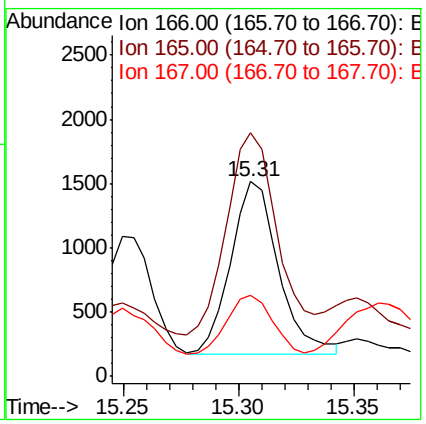




#9
Fluorene
Concen: 0.059 ng/ul
RT: 15.31 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

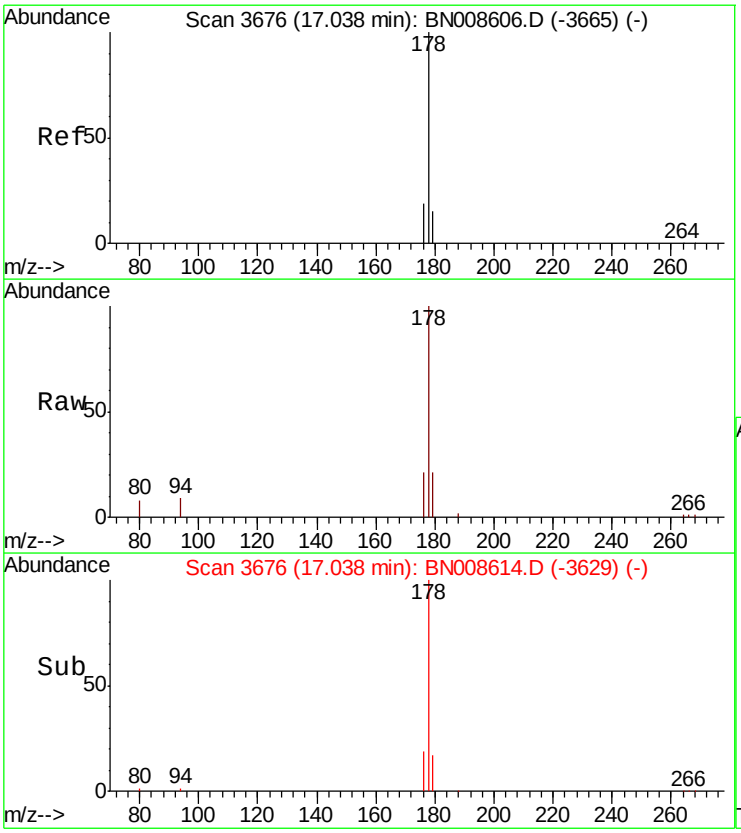
Tgt Ion:166 Resp: 1944

Ion	Ratio	Lower	Upper
166	100		
165	125.0	77.4	116.0#
167	41.7	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
JLM99

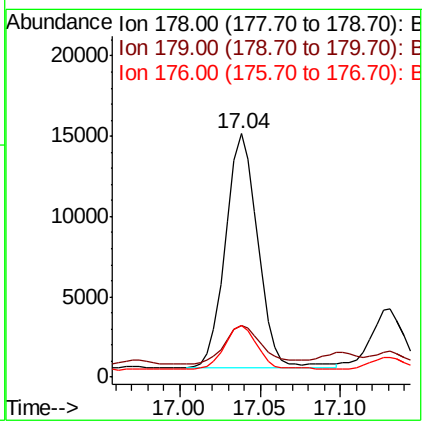
Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

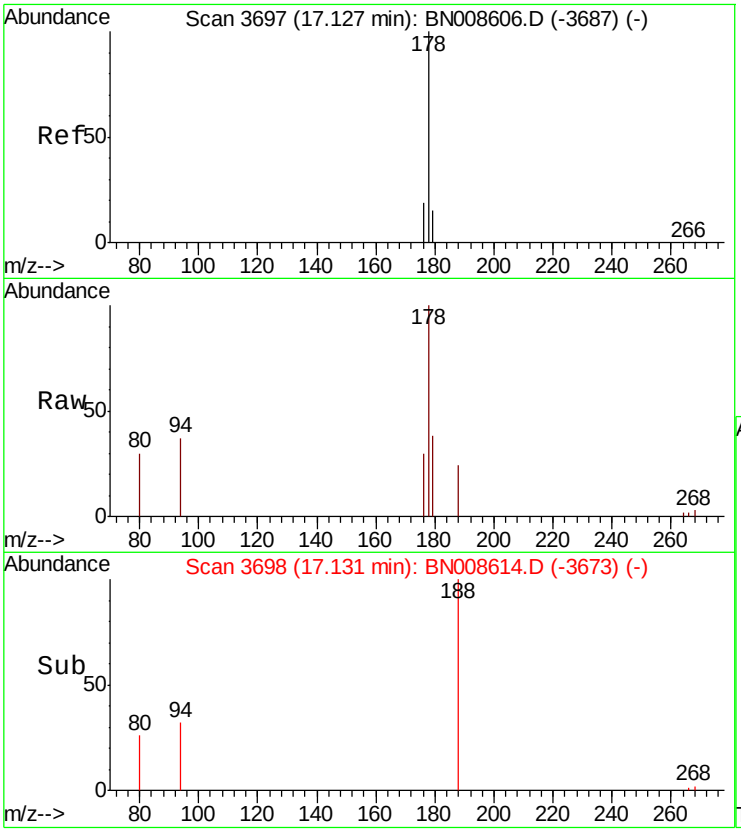


#12
Phenanthrene
Concen: 0.439 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:178 Resp: 20206

Ion	Ratio	Lower	Upper
178	100		
179	21.3	12.8	19.2#
176	21.3	16.0	24.0

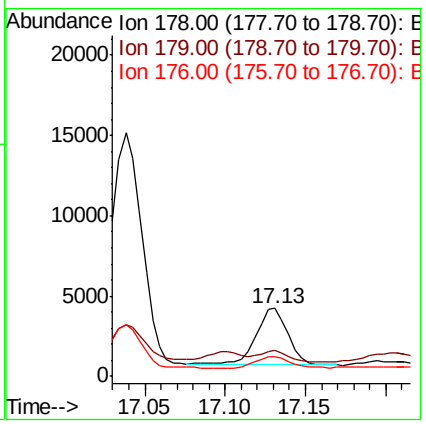




#13
Anthracene
Concen: 0.113 ng/ul
RT: 17.13 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

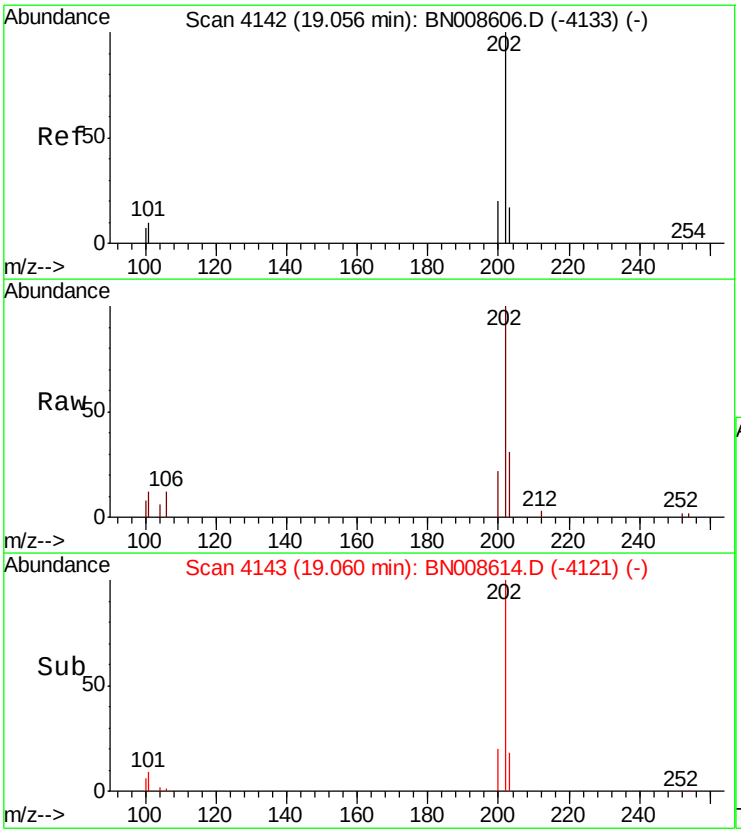
Tgt Ion:178 Resp: 4938

Ion	Ratio	Lower	Upper
178	100		
179	37.6	13.0	19.4#
176	29.6	15.3	22.9#



Instrument :
BNA_N
ClientSampleId :
JLM99

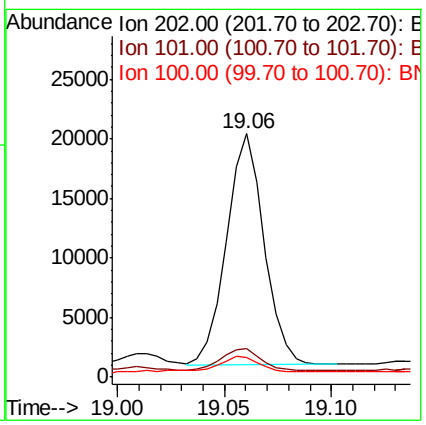
Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

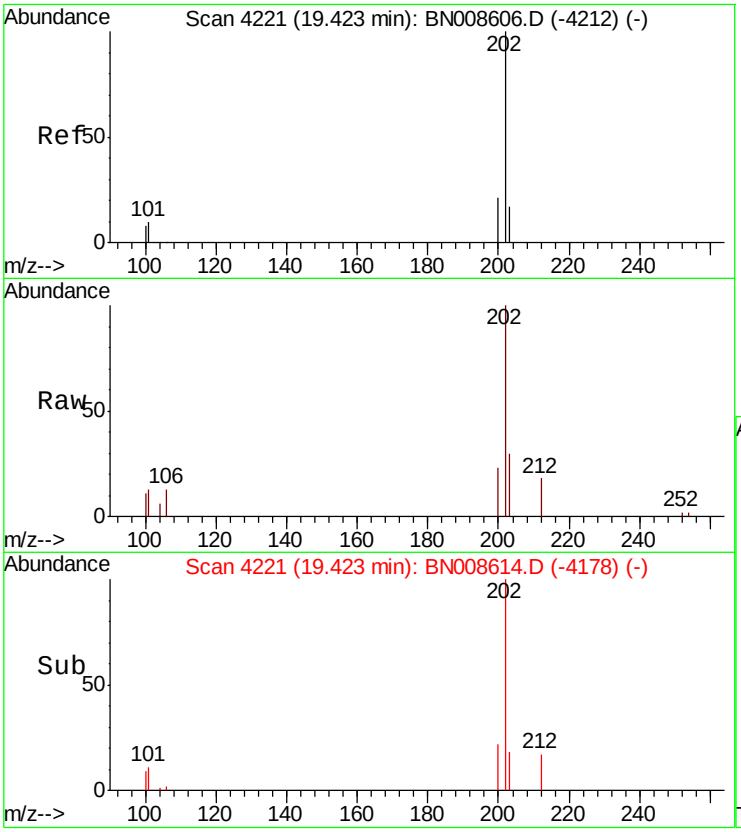


#15
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.06 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:202 Resp: 23575

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	29.6
100	7.9	0.0	27.0





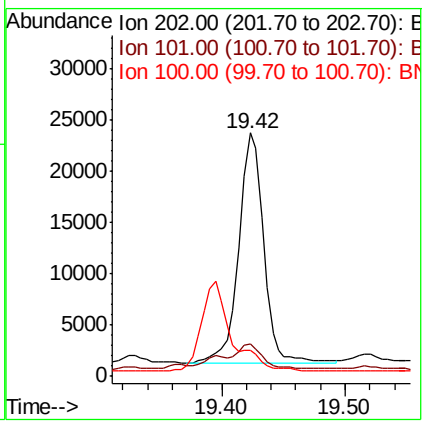
#17
Pyrene
Concen: 0.757 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

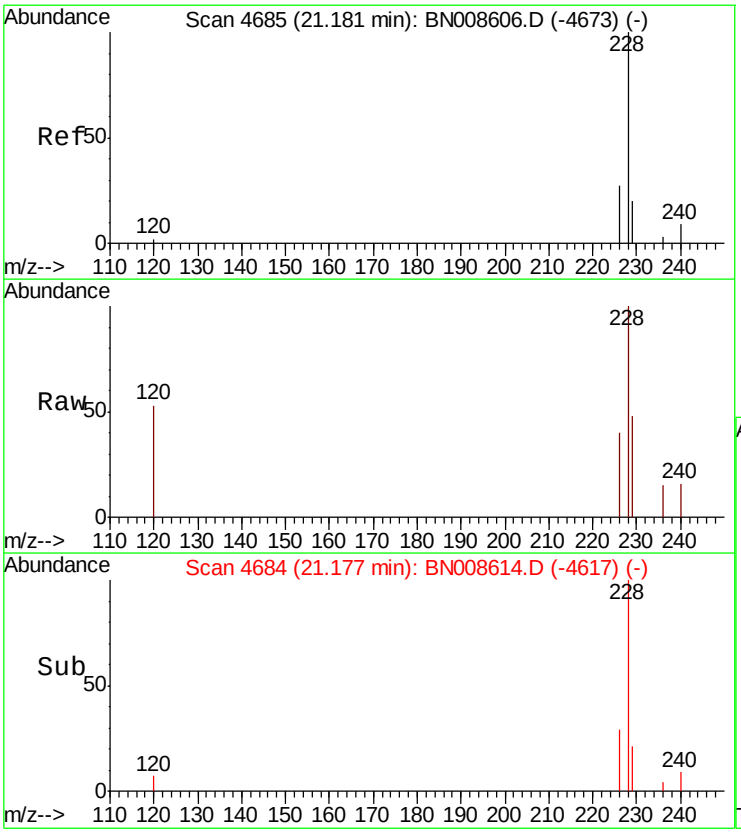
Tgt Ion:202 Resp: 31602

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.2	15.2
100	10.6	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

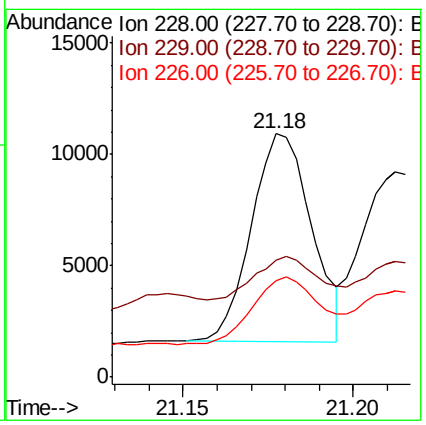


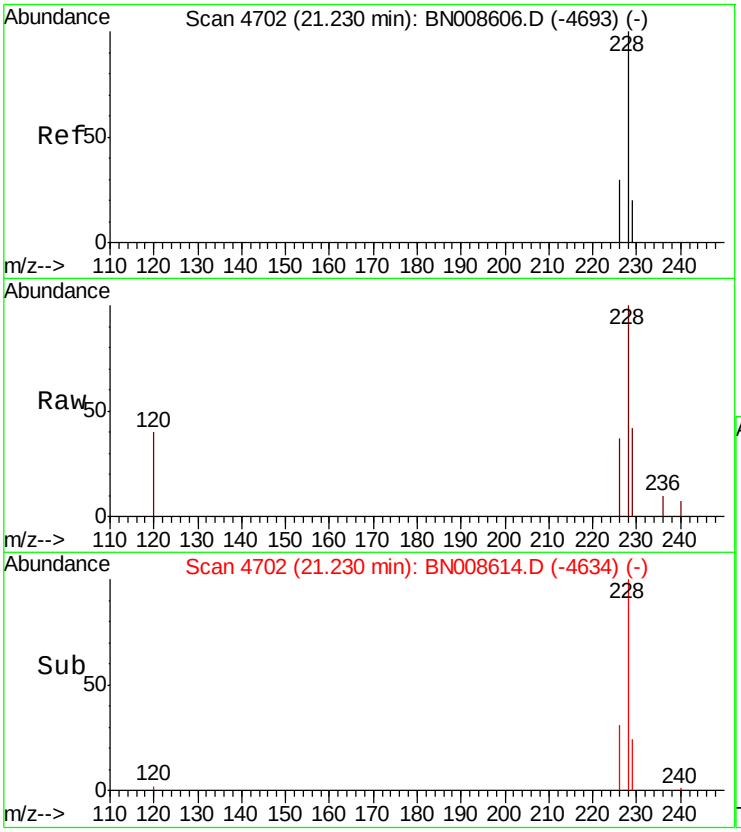


#18
Benzo(a)anthracene
Concen: 0.274 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:228 Resp: 11477

Ion	Ratio	Lower	Upper
228	100		
229	48.1	15.8	23.6#
226	39.7	21.6	32.4#





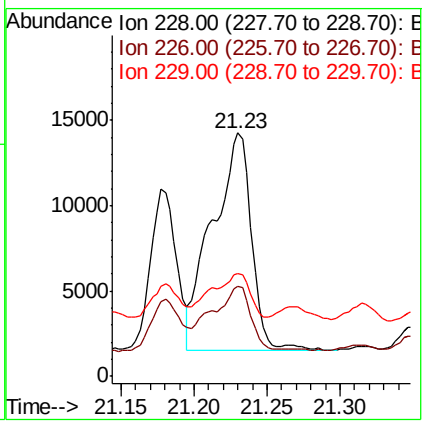
#19
Chrysene
Concen: 0.575 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

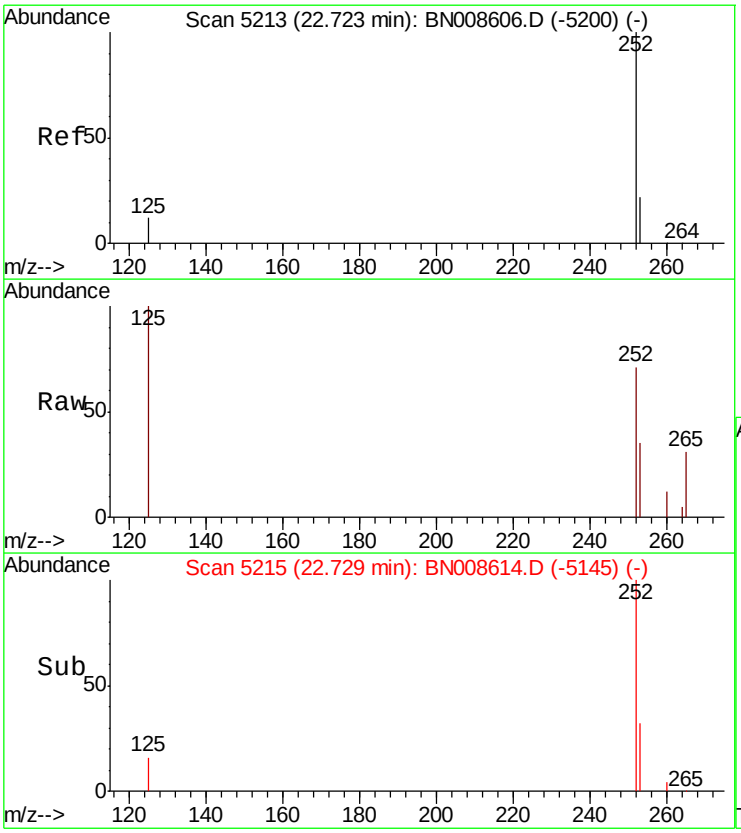
Tgt Ion:228 Resp: 23632

Ion	Ratio	Lower	Upper
228	100		
226	37.1	24.5	36.7#
229	42.2	15.5	23.3#

Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

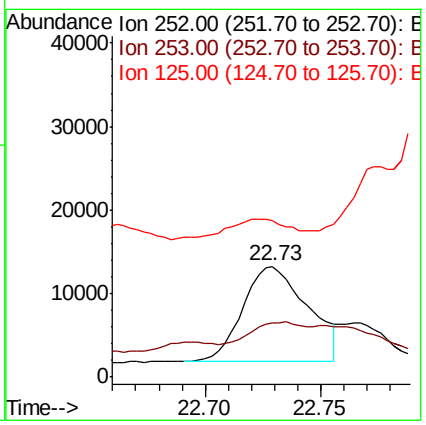


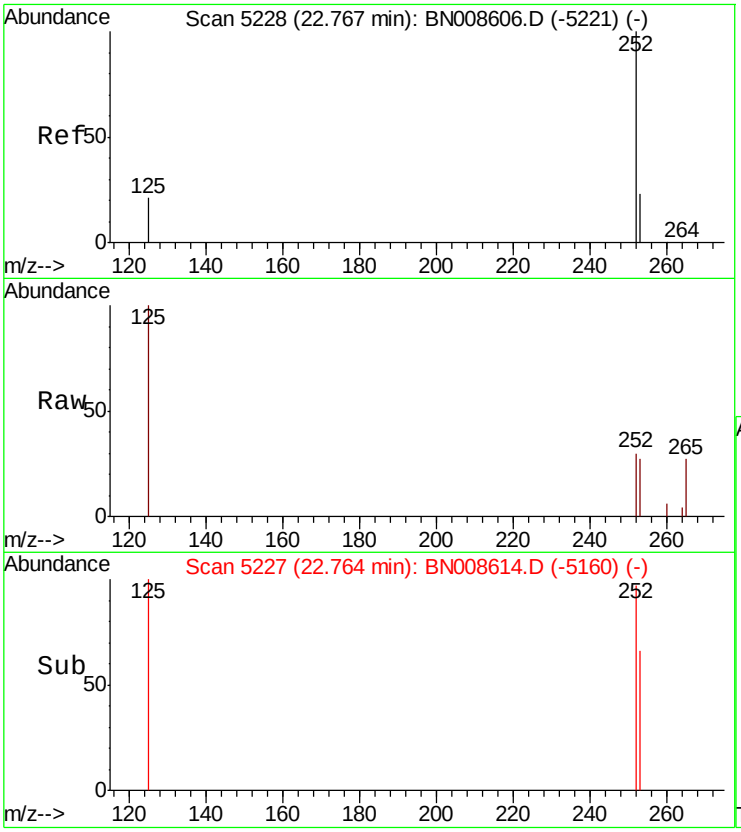


#21
Benzo(b)fluoranthene
Concen: 0.472 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.01 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:252 Resp: 22428

Ion	Ratio	Lower	Upper
252	100		
253	49.3	0.0	50.2
125	140.8	0.0	30.0#





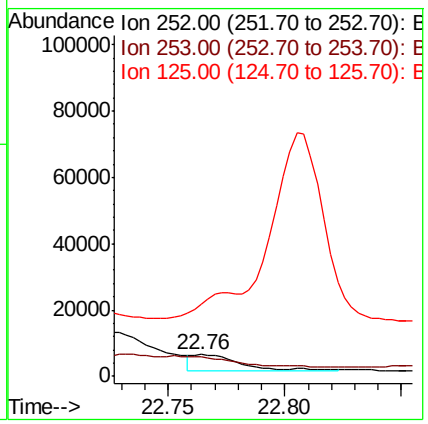
#22
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

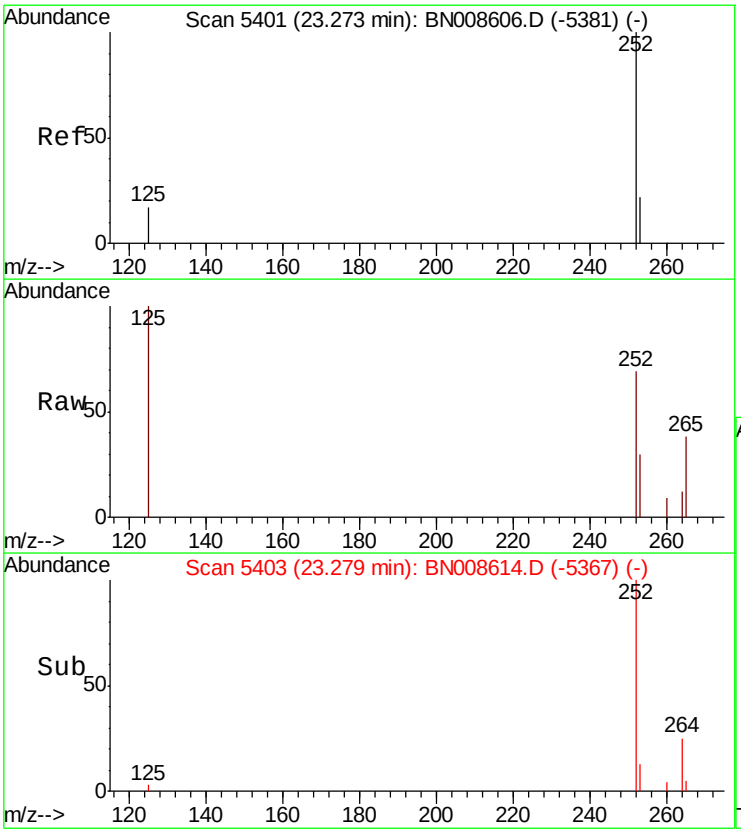
Tgt Ion:252 Resp: 6426

Ion	Ratio	Lower	Upper
252	100		
253	90.2	20.5	30.7#
125	331.4	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

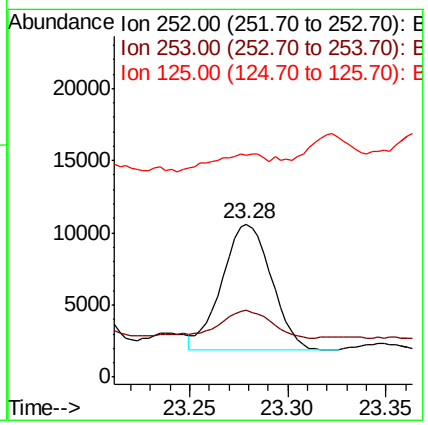


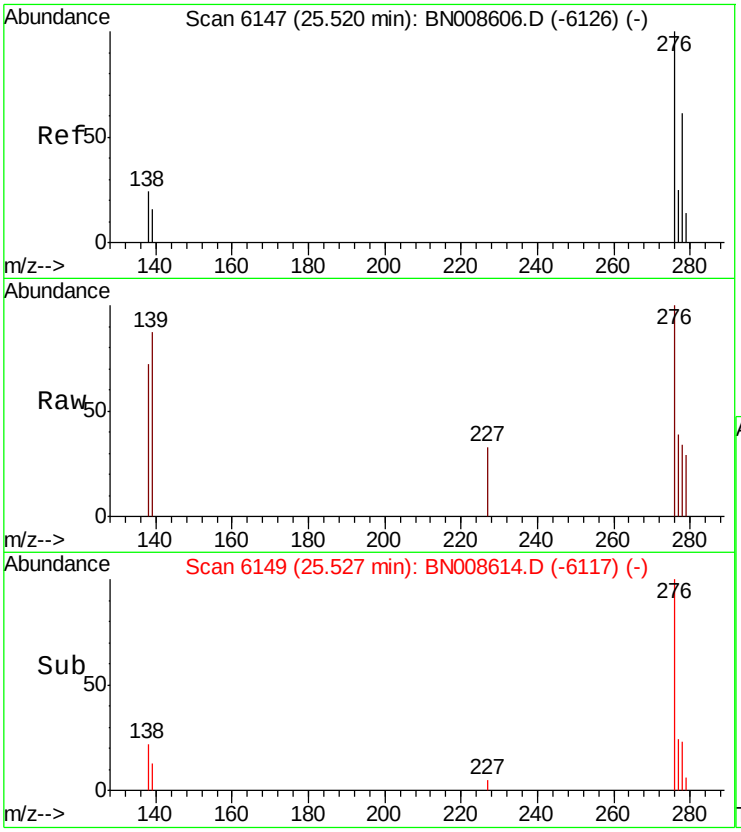


#23
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. 0.01 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:252 Resp: 15163

Ion	Ratio	Lower	Upper
252	100		
253	43.6	21.4	32.2#
125	145.2	13.8	20.8#





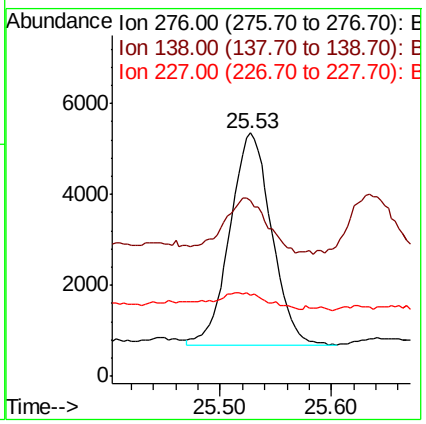
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng/ul
RT: 25.53 min Scan# 6149
Delta R.T. 0.01 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

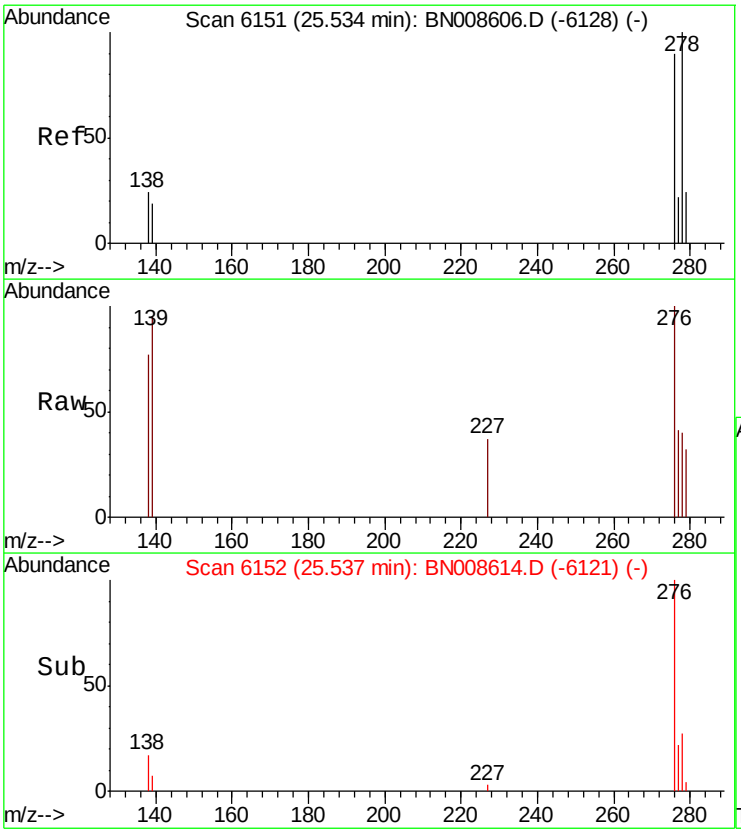
Tgt Ion:276 Resp: 12111

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.7	32.5
227	7.8	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM

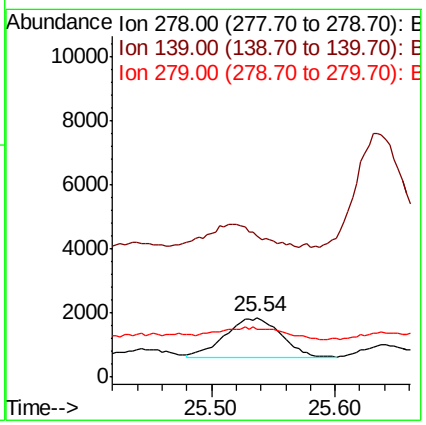


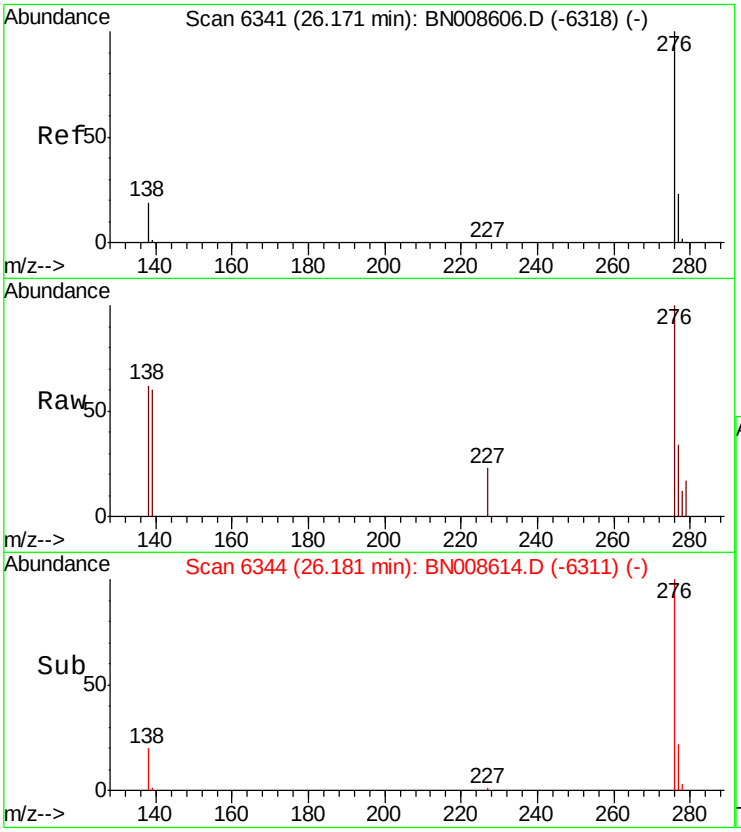


#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:278 Resp: 3878

Ion	Ratio	Lower	Upper
278	100		
139	239.0	18.7	28.1#
279	80.5	20.8	31.2#

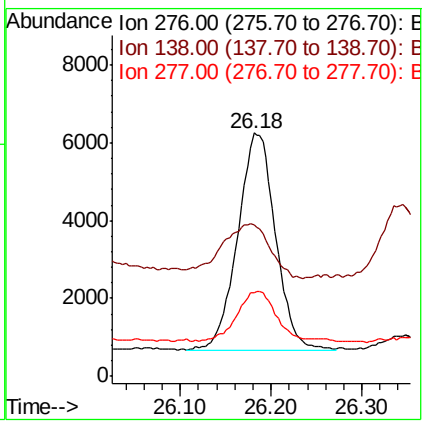




#26
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. 0.01 min
Lab File: BN008614.D
Acq: 18 Nov 2019 21:19

Tgt Ion:276 Resp: 16168

Ion	Ratio	Lower	Upper
276	100		
138	62.2	20.0	30.0#
277	34.5	20.0	30.0#



Instrument :
BNA_N
ClientSampleId :
JLM99

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:22 PM