Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008915.D
Acq On : 11 Dec 2019 13:59
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 14:54:16 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 : Wed Dec 11 14:04:54 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BM8

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10454	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	7580	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	15787	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	13447	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15350	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3144	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	10368	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	55801	1.771	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	77365	3.515	ng/ul	100
7) Acenaphthylene	13.90	152	10621	0.253	ng/ul#	92
8) Acenaphthene	14.25	153	2871	0.092	ng/ul	96
9) Fluorene	15.24	166	8615	0.236	ng/ul#	87
12) Phenanthrene	16.97	178	227370	4.271	ng/ul	100
13) Anthracene	17.06	178	39661	0.788	ng/ul	98
15) Fluoranthene	19.00	202	265063	4.052	ng/ul	99
17) Pyrene	19.36	202	317879	5.892	ng/ul	99
18) Benzo(a)anthracene	21.12	228	288039	5.326	ng/ul	97
19) Chrysene	21.17	228	439340	8.272	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	313622m	4.955	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	91577m	1.459	ng/ul	
23) Benzo(a)pyrene	23.19	252	231278	3.893	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.39	276	106118	1.527	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.40	278	77303	1.378	ng/ul#	87
26) Benzo(g,h,i)perylene	26.03	276	126699	2.180	ng/ul	98

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

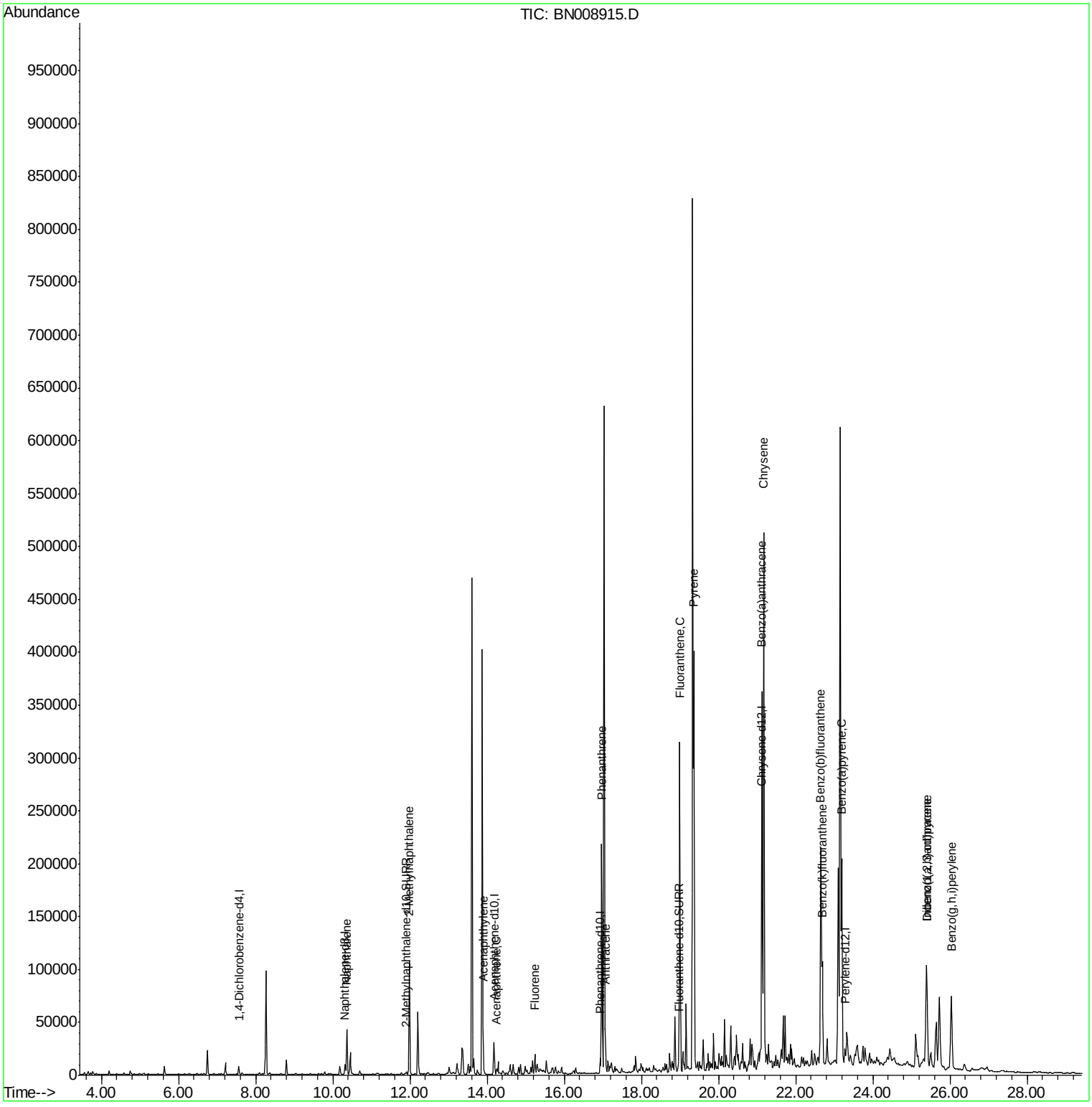
Quantitation Report (QT Reviewed)

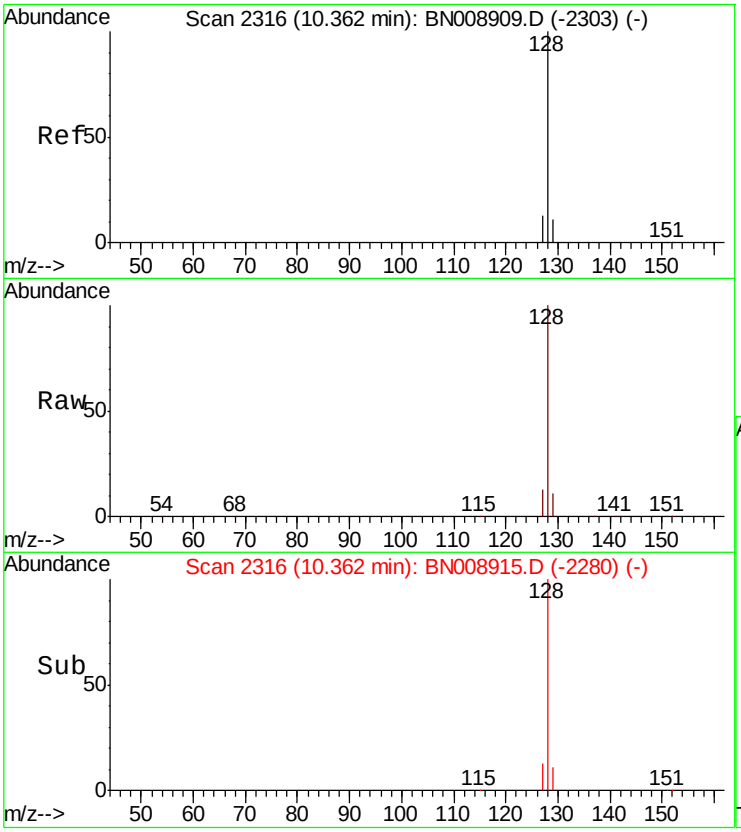
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008915.D
Acq On : 11 Dec 2019 13:59
Operator : JU
Sample : K6088-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 14:54:16 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 : Wed Dec 11 14:04:54 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BM8

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

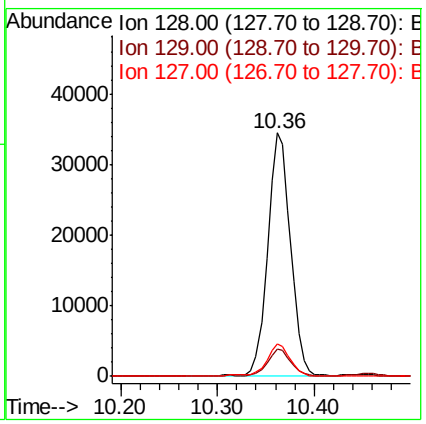




#3
Naphthalene
Concen: 1.771 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

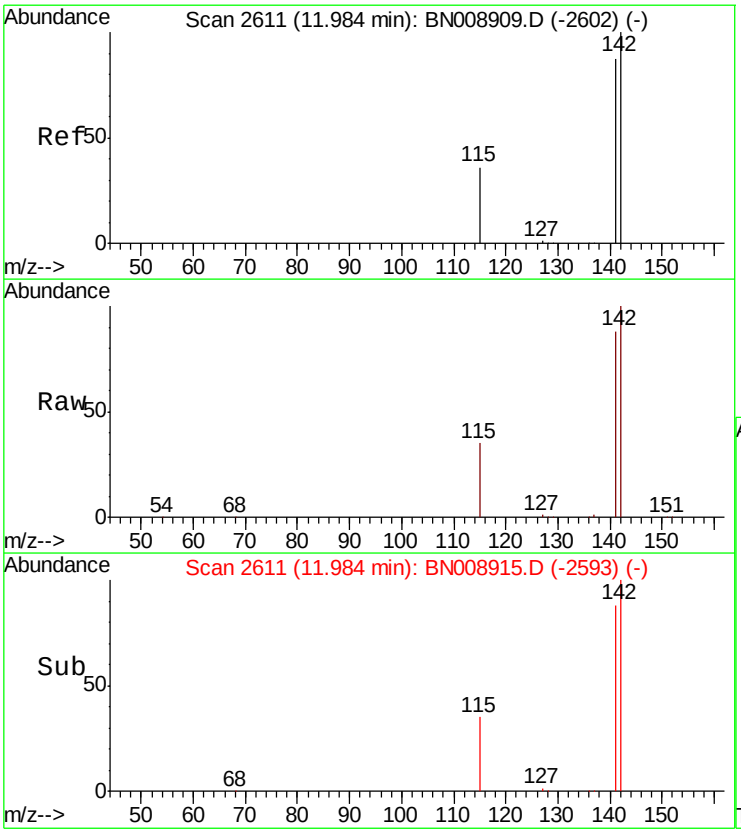
Tgt Ion:128 Resp: 55801

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0BM8

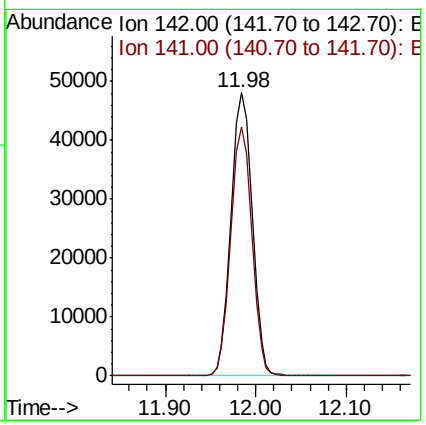
Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

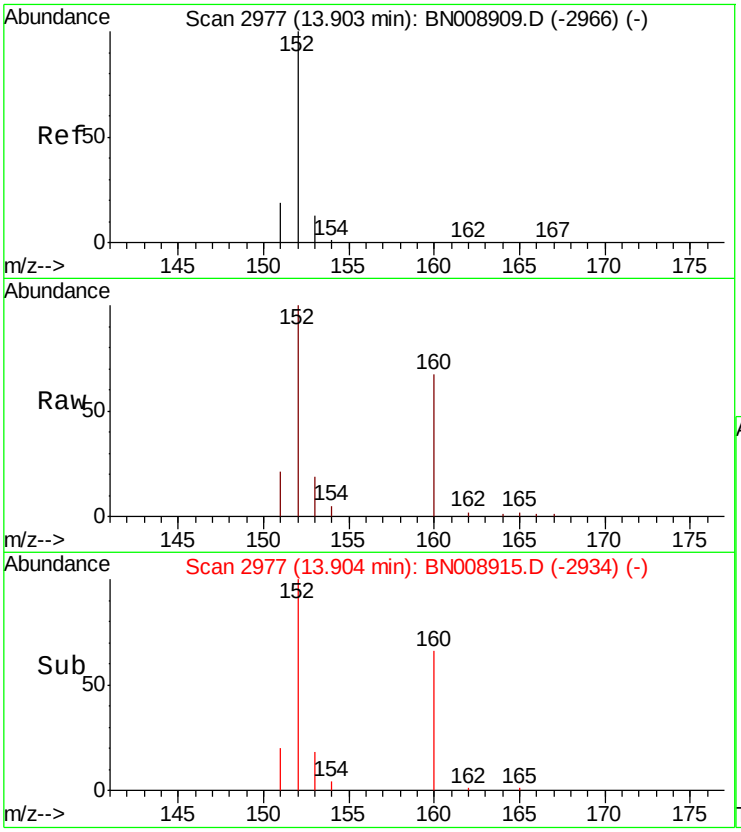


#5
2-Methylnaphthalene
Concen: 3.515 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:142 Resp: 77365

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.1	105.1





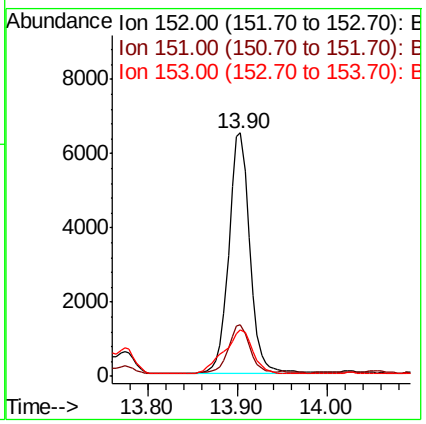
#7
Acenaphthylene
Concen: 0.253 ng/ul
RT: 13.90 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

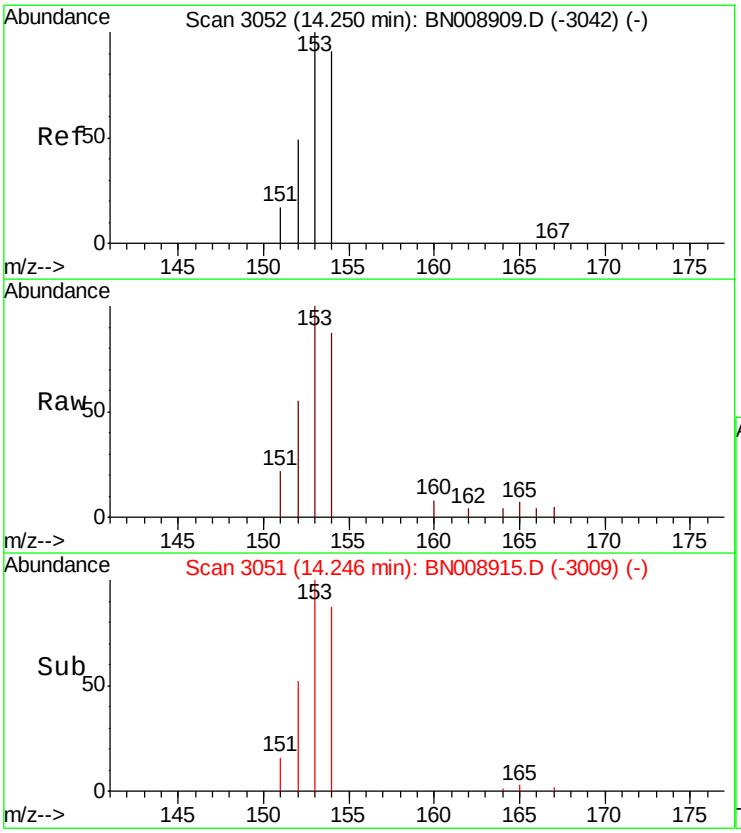
Tgt Ion:152 Resp: 10621

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.6
153	19.2	10.6	15.8#

Instrument :
BNA_N
ClientSampleId :
C0BM8

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

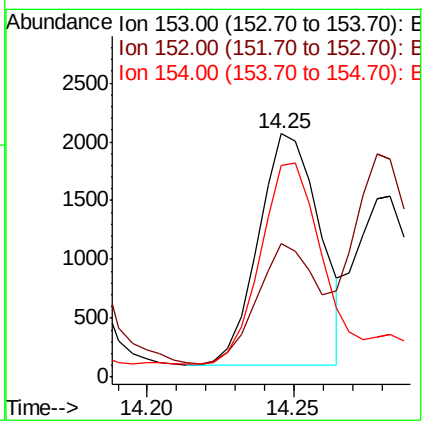


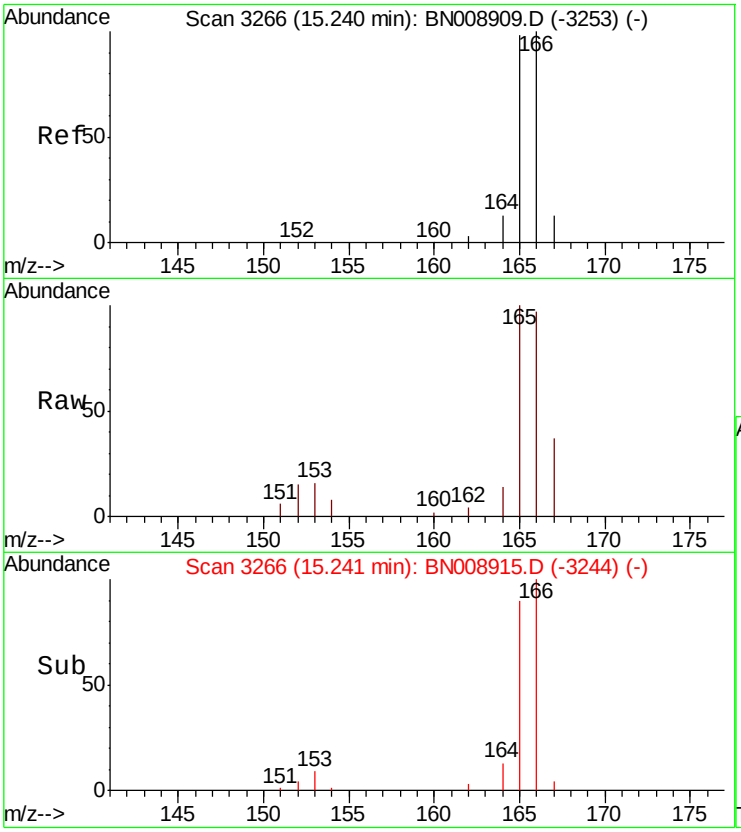


#8
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.25 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:153 Resp: 2871

Ion	Ratio	Lower	Upper
153	100		
152	54.6	38.6	58.0
154	86.9	70.6	105.8

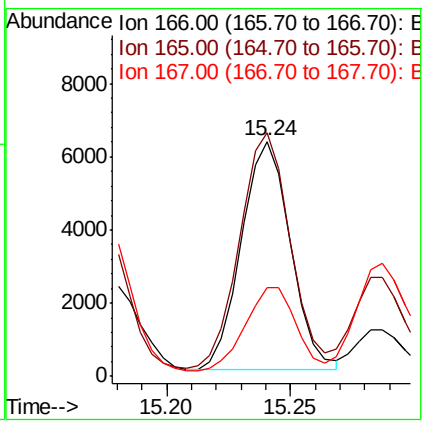




#9
Fluorene
Concen: 0.236 ng/ul
RT: 15.24 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

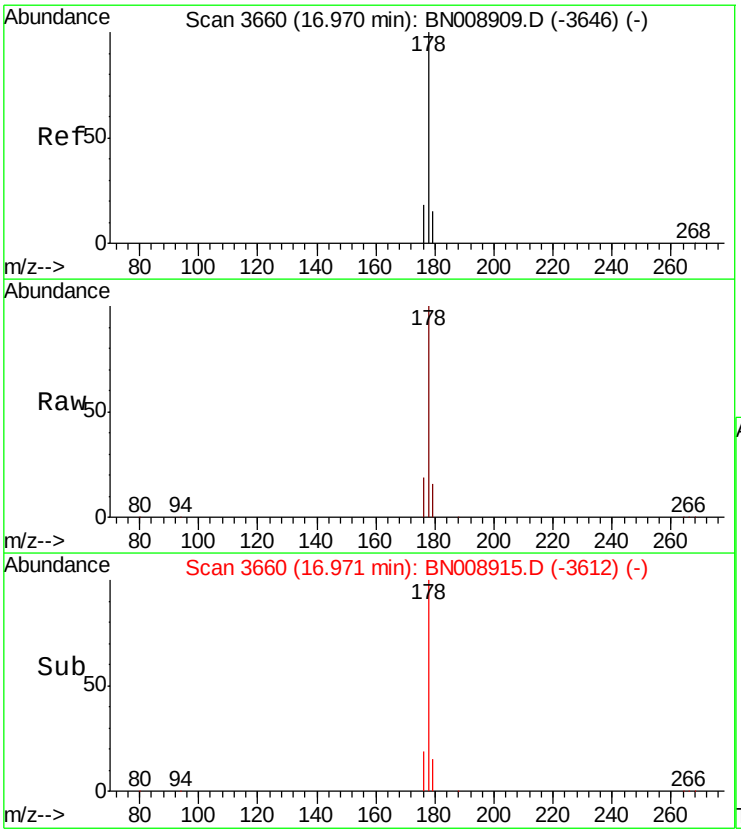
Tgt Ion:166 Resp: 8615

Ion	Ratio	Lower	Upper
166	100		
165	103.6	77.7	116.5
167	38.0	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0BM8

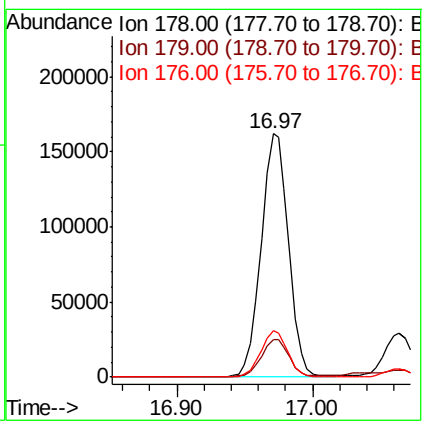
Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

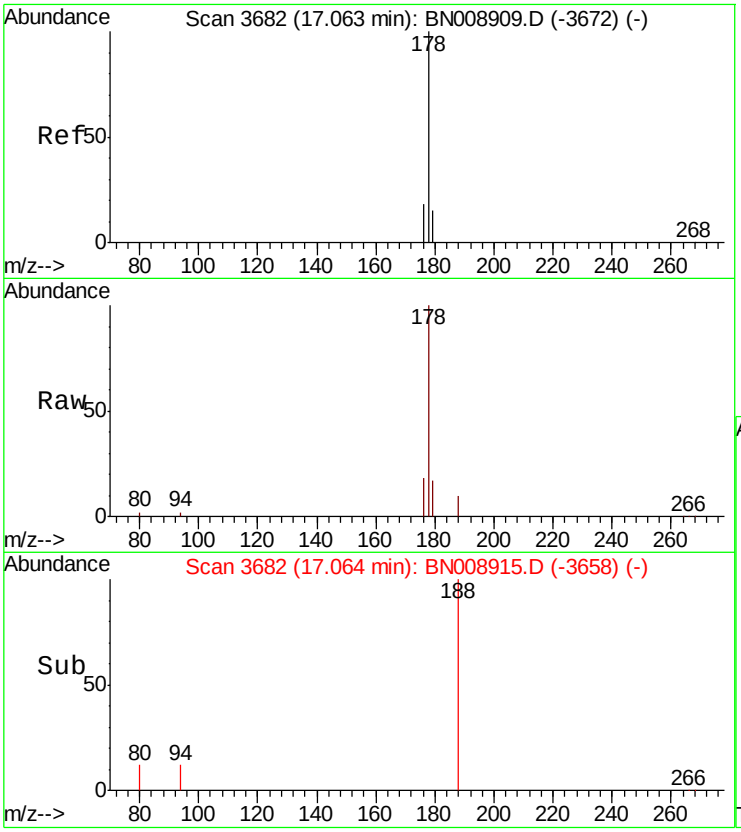


#12
Phenanthrene
Concen: 4.271 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:178 Resp: 227370

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.9	15.3	22.9

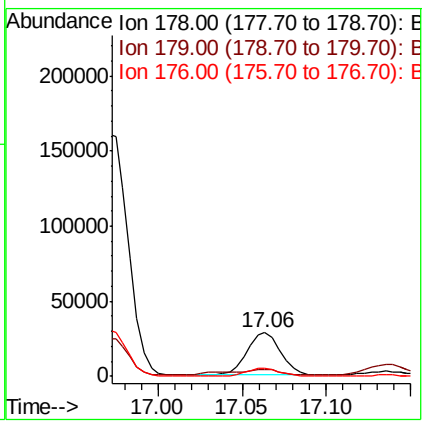




#13
Anthracene
Concen: 0.788 ng/ul
RT: 17.06 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

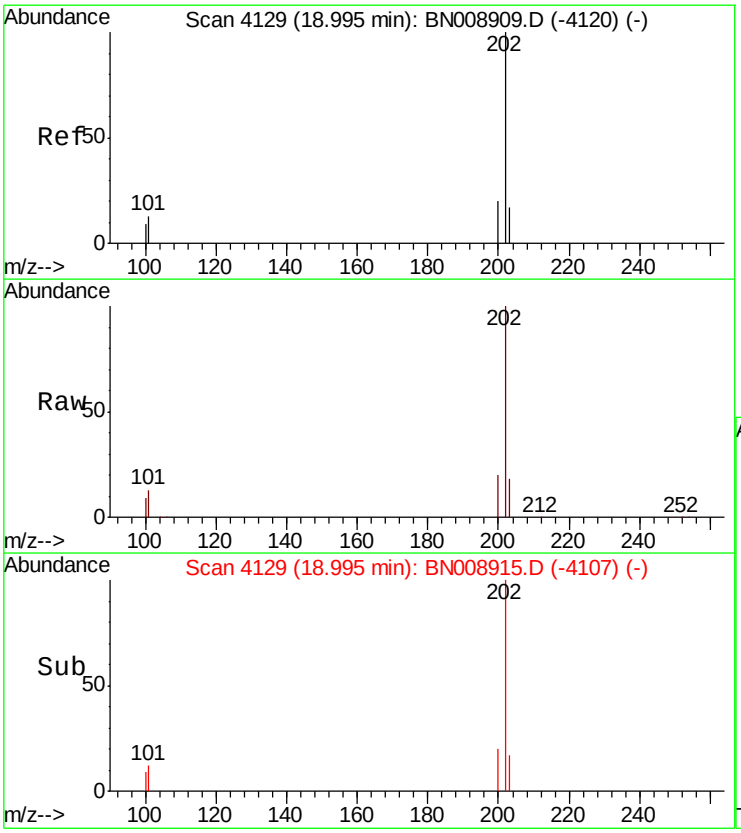
Tgt Ion:178 Resp: 39661

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.4
176	18.3	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0BM8

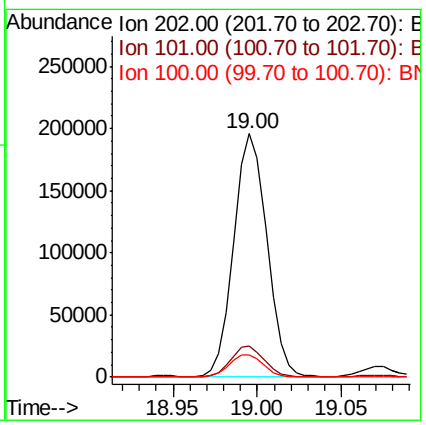
Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

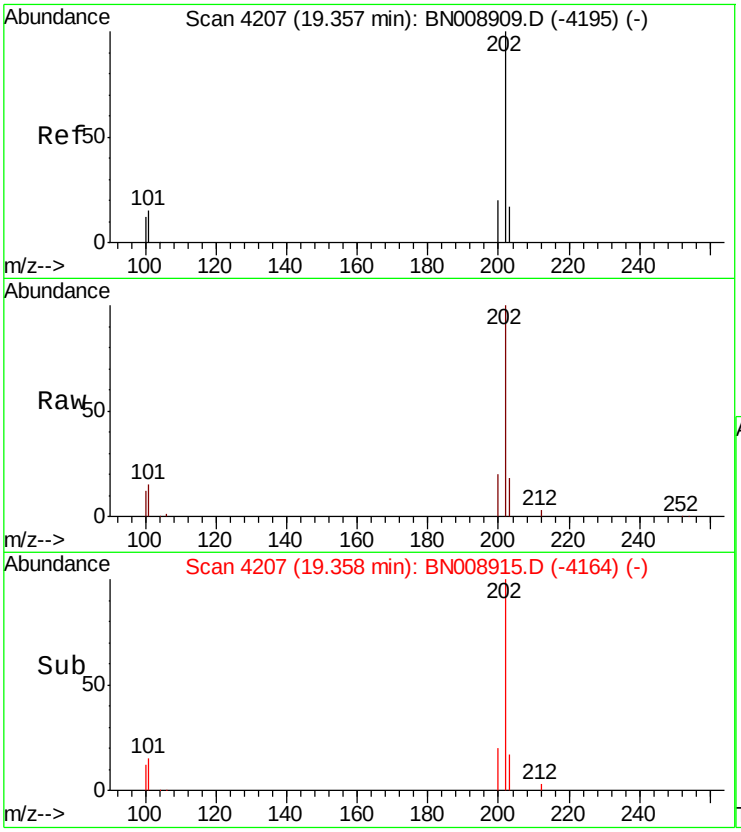


#15
Fluoranthene
Concen: 4.052 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:202 Resp: 265063

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.4
100	9.3	0.0	29.2





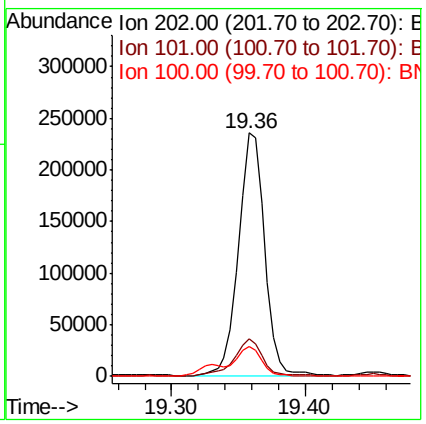
#17
Pyrene
Concen: 5.892 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

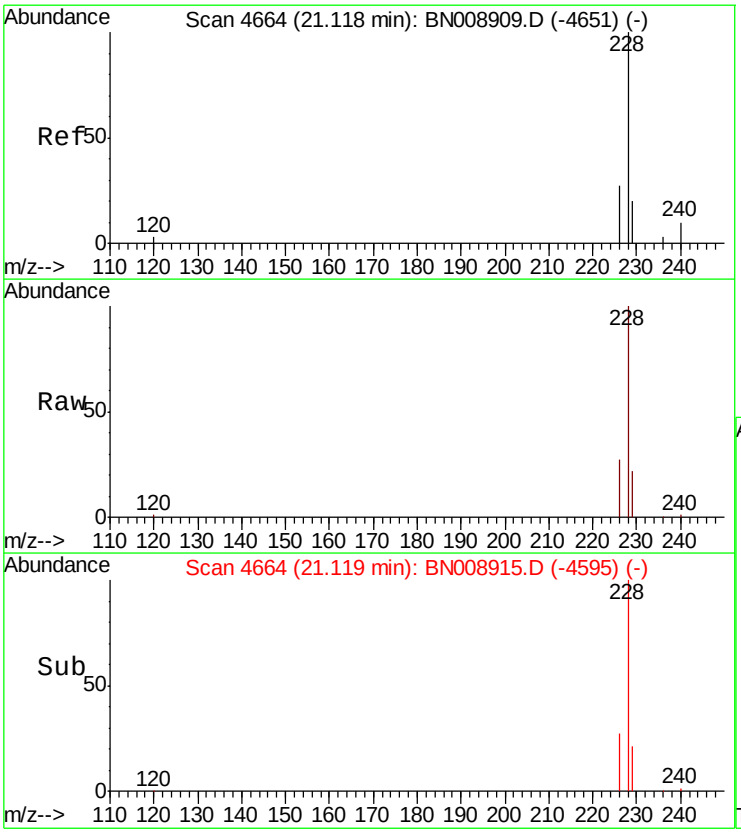
Tgt Ion:202 Resp: 317879

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.4	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0BM8

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

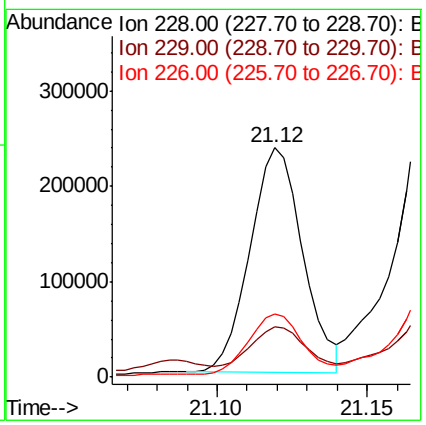


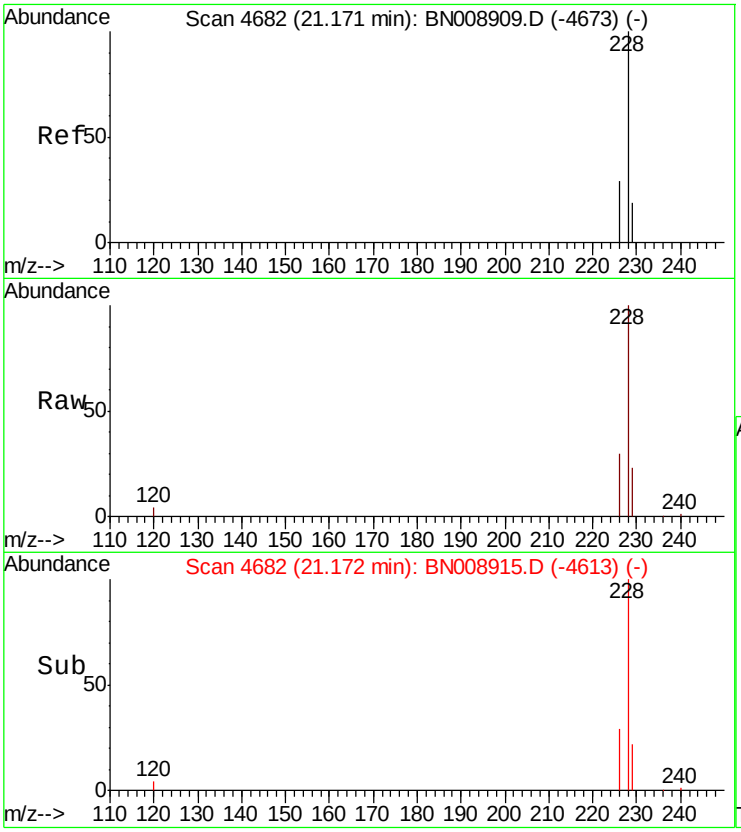


#18
Benzo(a)anthracene
Concen: 5.326 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:228 Resp: 288039

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.7	23.5
226	27.4	21.5	32.3

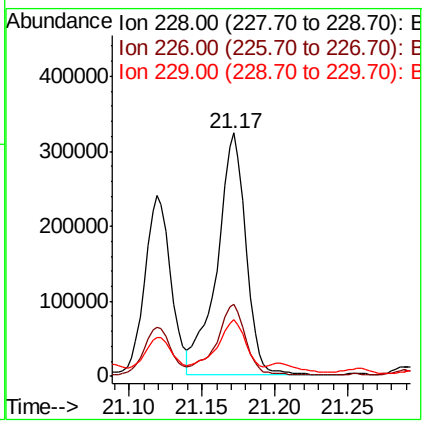




#19
Chrysene
Concen: 8.272 ng/ul
RT: 21.17 min Scan# 4682
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

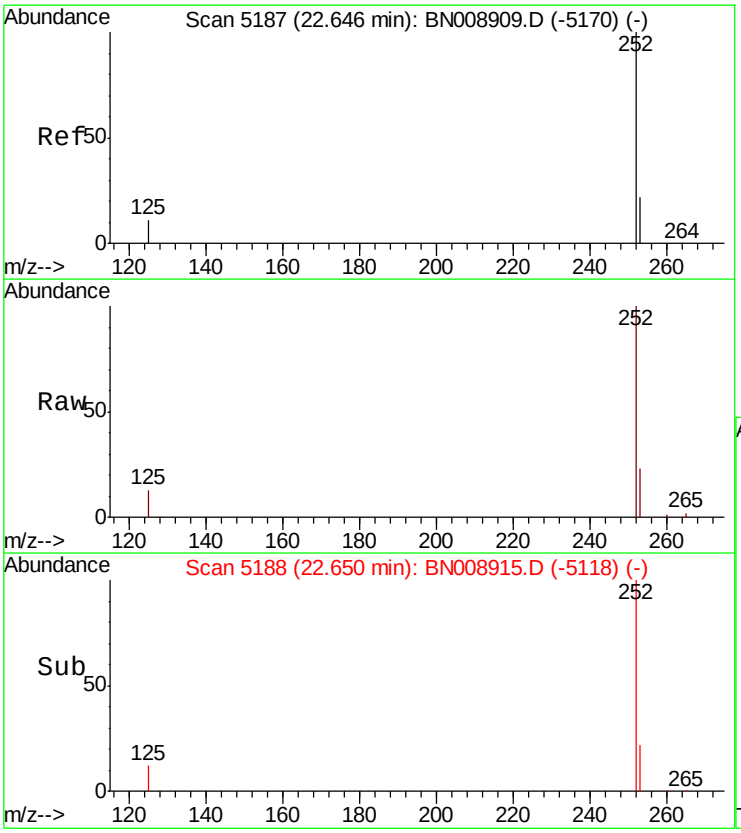
Tgt Ion:228 Resp: 439340

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	23.2	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0BM8

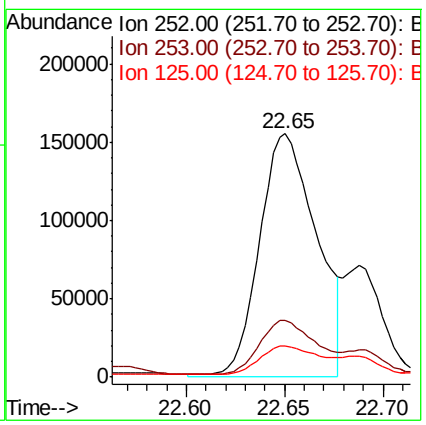
Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

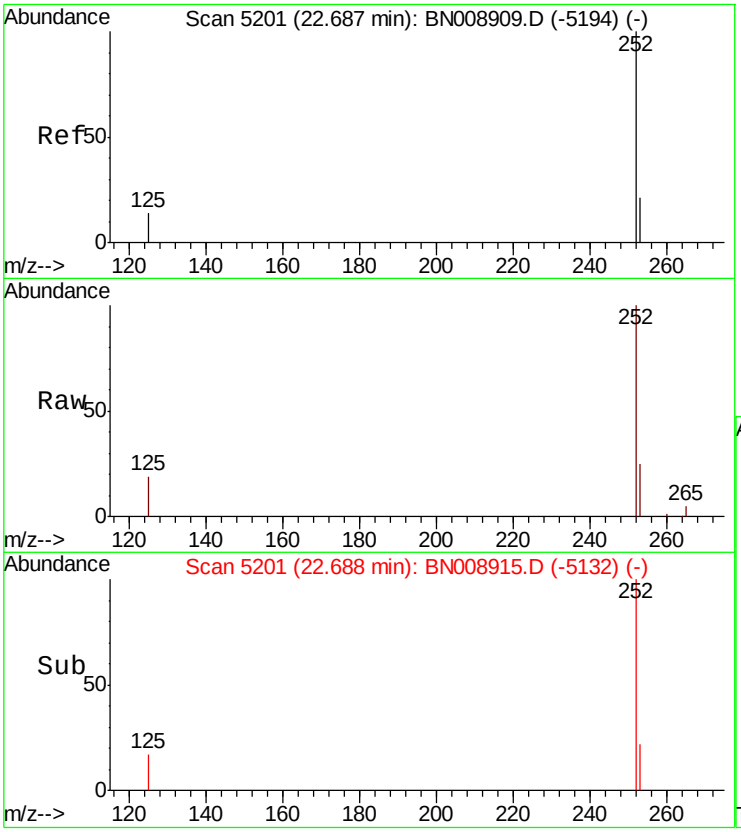


#21
Benzo(b)fluoranthene
Concen: 4.955 ng/ul m
RT: 22.65 min Scan# 5188
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:252 Resp: 313622

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	48.6
125	12.7	0.0	31.6

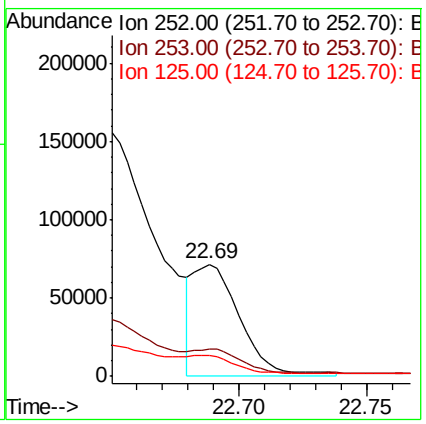




#22
Benzo(k)fluoranthene
Concen: 1.459 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

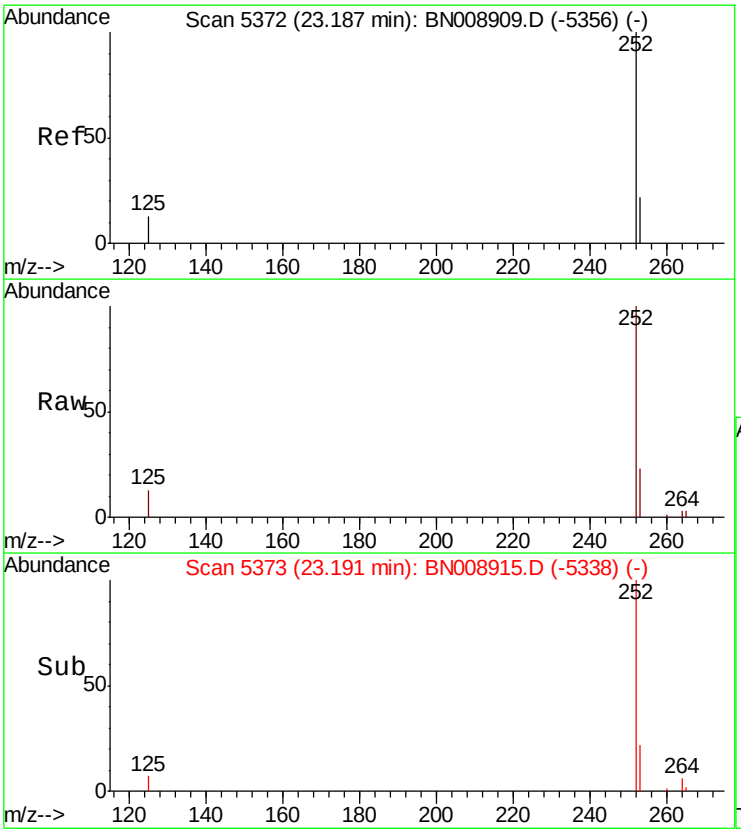
Tgt Ion:252 Resp: 91577

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.6	29.4
125	18.8	13.8	20.6



Instrument :
BNA_N
ClientSampleId :
C0BM8

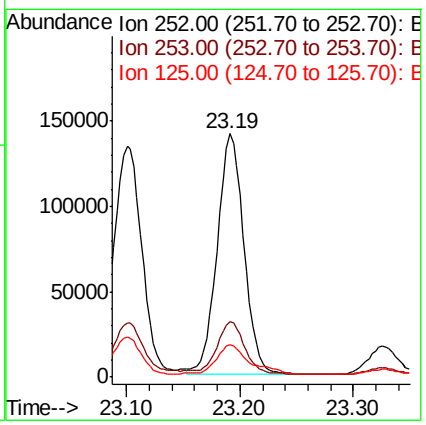
Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

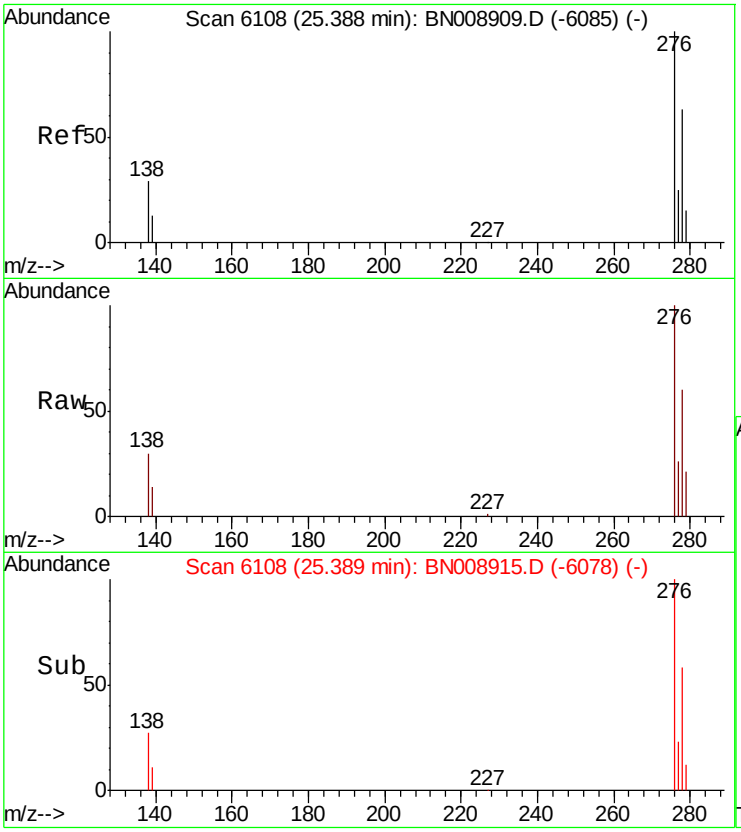


#23
Benzo(a)pyrene
Concen: 3.893 ng/ul
RT: 23.19 min Scan# 5373
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:252 Resp: 231278

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	13.4	14.6	22.0#





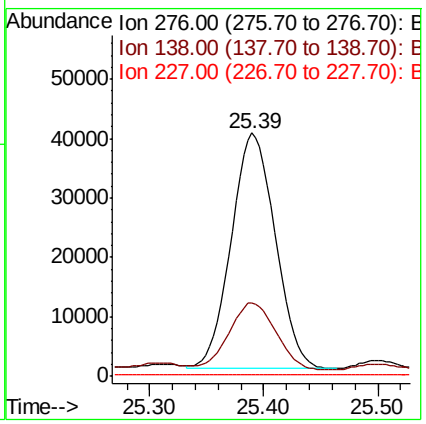
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.527 ng/ul
RT: 25.39 min Scan# 6108
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

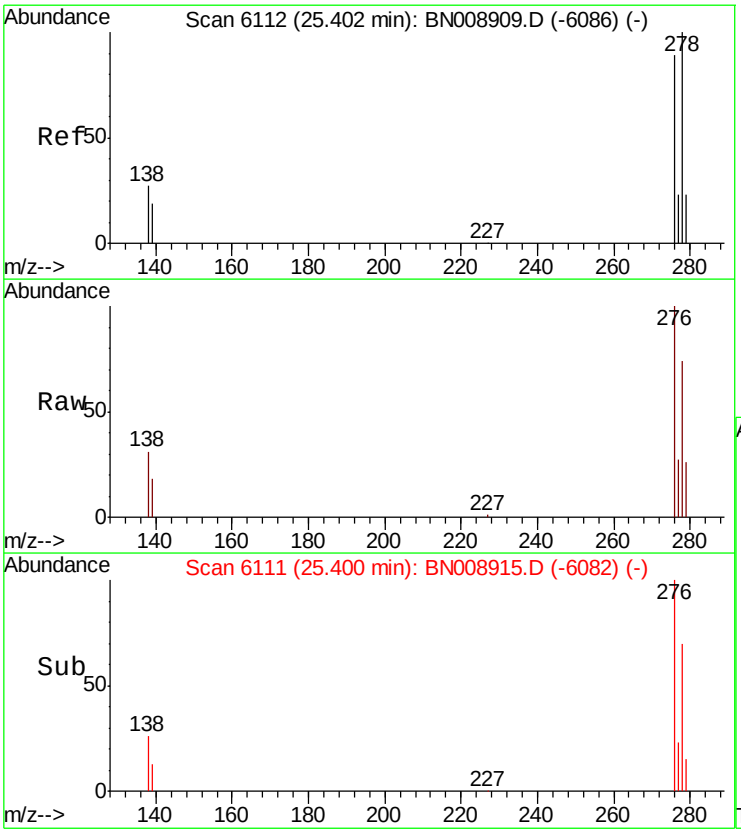
Tgt Ion:276 Resp: 106118

Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.8	35.6
227	0.4	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0BM8

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM

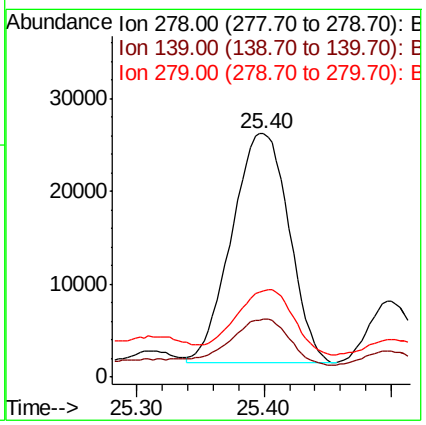


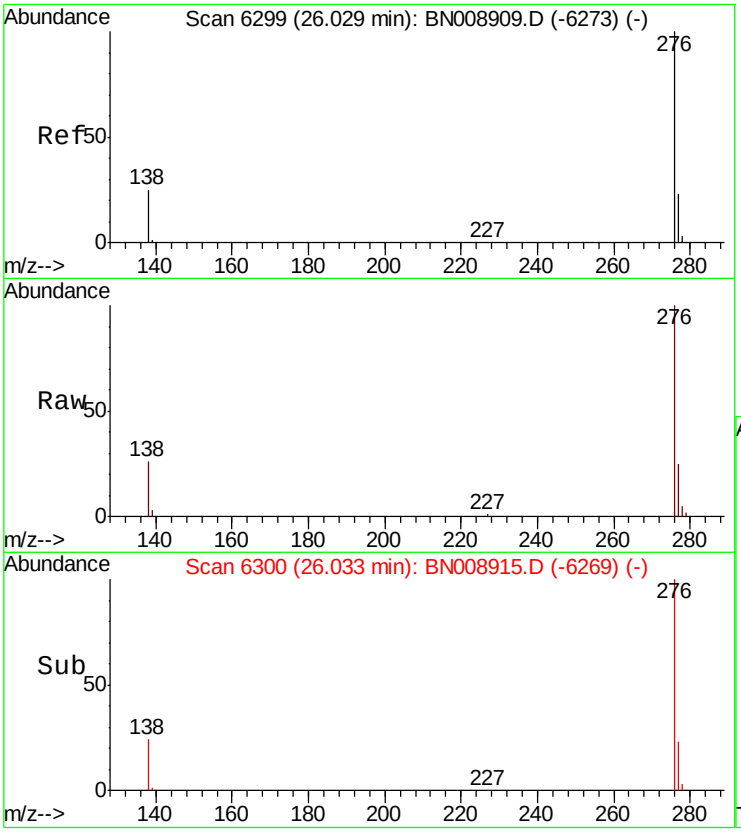


#25
Dibenzo(a,h)anthracene
Concen: 1.378 ng/ul
RT: 25.40 min Scan# 6111
Delta R.T. -0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:278 Resp: 77303

Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.4	26.0
279	35.6	20.5	30.7#

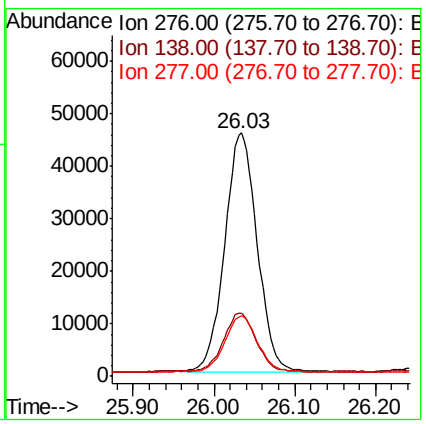




#26
Benzo(g,h,i)perylene
Concen: 2.180 ng/ul
RT: 26.03 min Scan# 6300
Delta R.T. 0.00 min
Lab File: BN008915.D
Acq: 11 Dec 2019 13:59

Tgt Ion:276 Resp: 126699

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.9	32.9
277	24.6	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BM8

Manual Integrations APPROVED
mohammad
12/12/2019 11:26:59 AM