Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008811.D
Acq On : 02 Dec 2019 13:07
Operator : JU
Sample : K5851-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
mohammad
12/3/2019 2:38:41 PM

Quant Time: Dec 02 13:42:50 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4411	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	18102	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	10612	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	22062	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	16326	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	15433	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	5863	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	15772	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	32149	0.589	ng/ul	100
5) 2-Methylnaphthalene	12.01	142	26780	0.703	ng/ul	99
7) Acenaphthylene	13.93	152	70129	1.195	ng/ul	100
8) Acenaphthene	14.27	153	68234	1.567	ng/ul	98
9) Fluorene	15.26	166	89226	1.745	ng/ul	99
11) Pentachlorophenol	16.62	266	287	0.034	ng/ul	88
12) Phenanthrene	17.00	178	1909849	25.669	ng/ul	99
13) Anthracene	17.09	178	272703	3.879	ng/ul	99
15) Fluoranthene	19.02	202	2830609	30.966	ng/ul	98
17) Pyrene	19.39	202	2274868	34.732	ng/ul	99
18) Benzo(a)anthracene	21.14	228	979651	14.921	ng/ul	98
19) Chrysene	21.20	228	1032510	16.012	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	1117666m	17.562	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	405940m	6.432	ng/ul	
23) Benzo(a)pyrene	23.23	252	719089	12.038	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.45	276	455124	6.515	ng/ul	91
25) Dibenzo(a,h)anthracene	25.46	278	109199	1.935	ng/ul	95
26) Benzo(g,h,i)perylene	26.10	276	445874	7.630	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Acq On : 02 Dec 2019 13:07
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 13:42:50 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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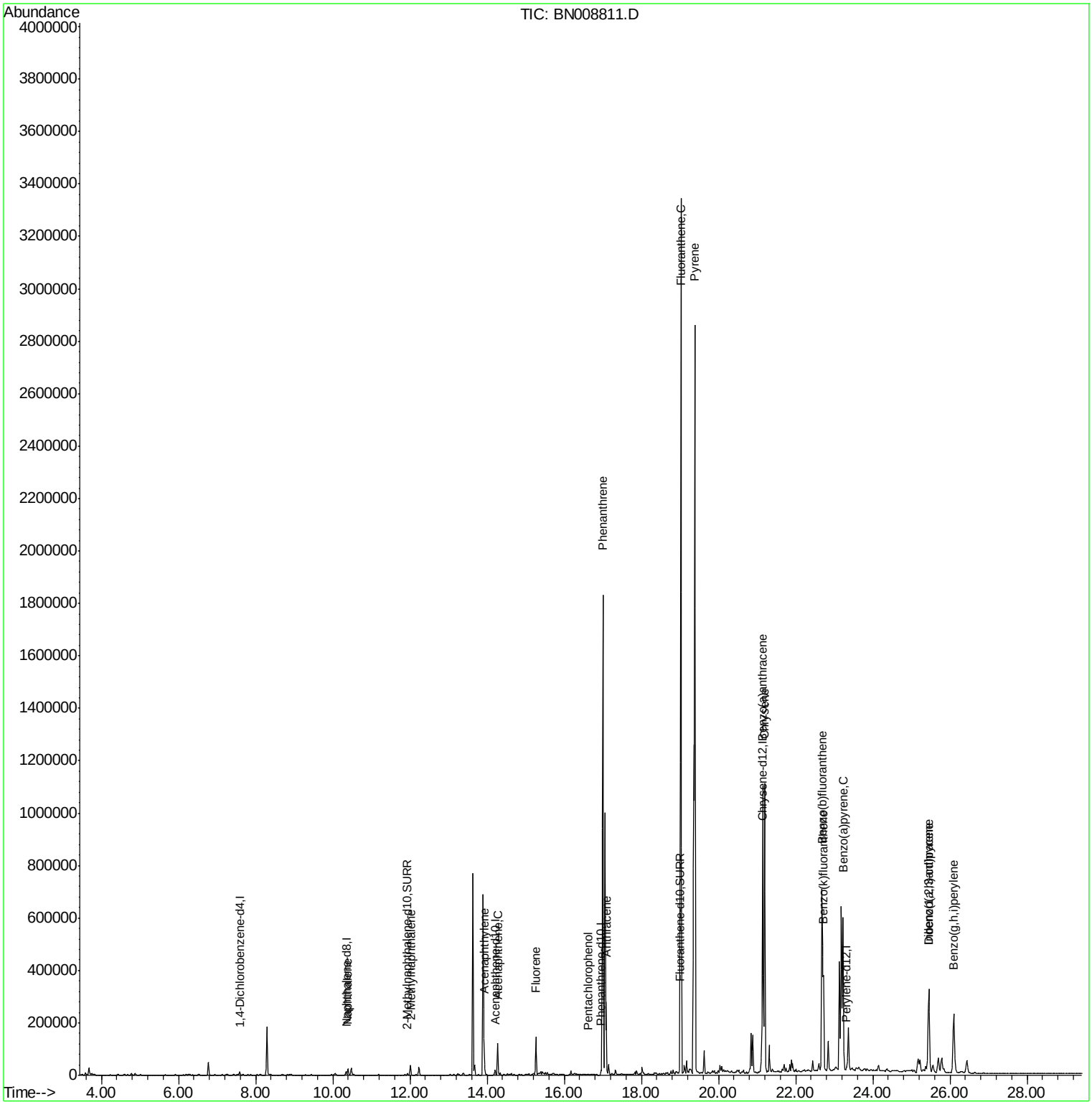
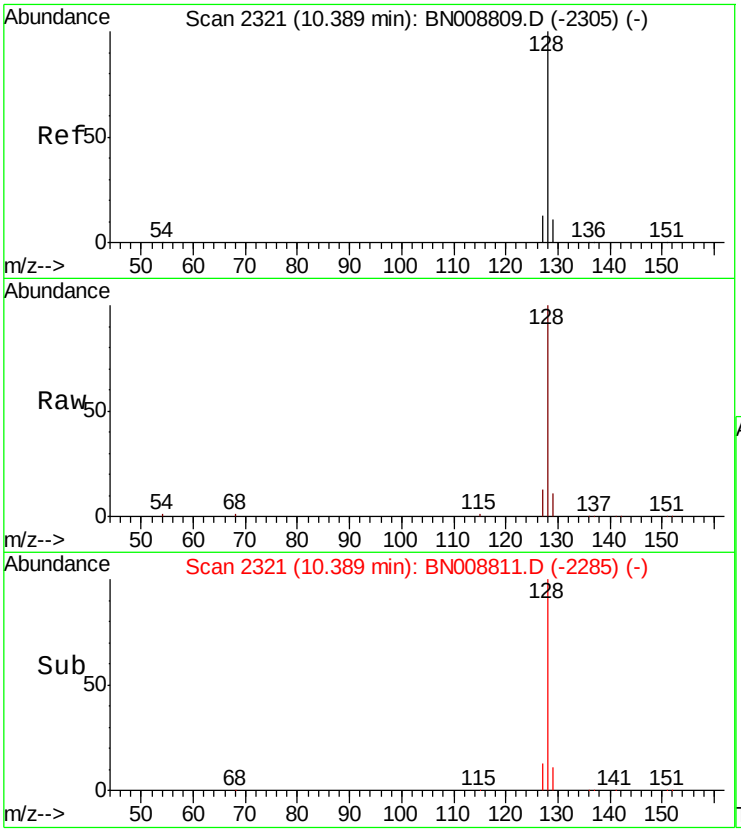
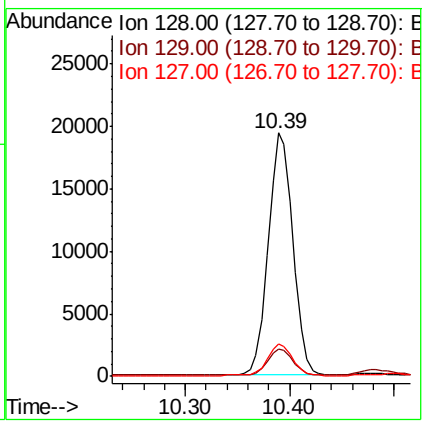




#3
Naphthalene
Concen: 0.589 ng/ul
RT: 10.39 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:128 Resp: 32149

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.3	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
C0AA2

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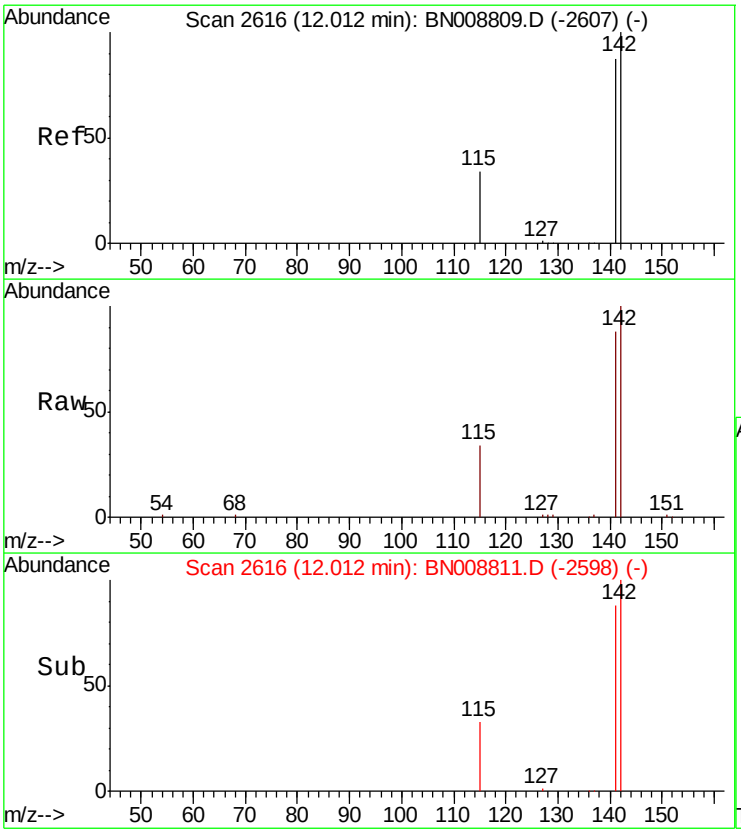
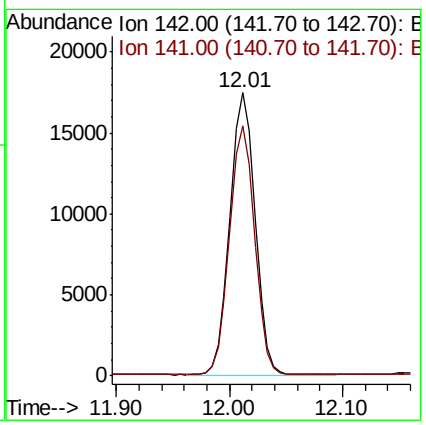
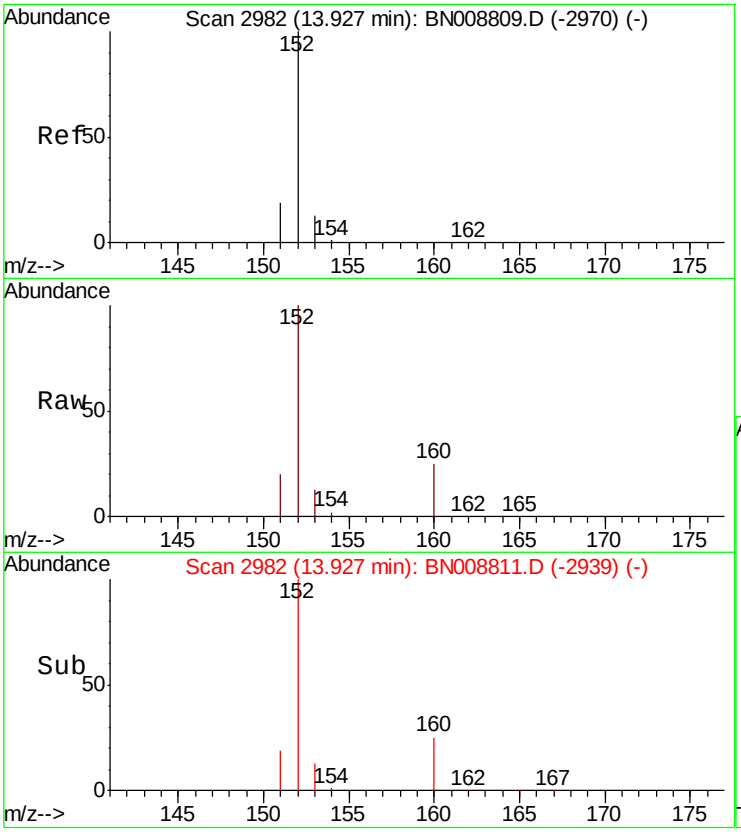


#5
2-Methylnaphthalene
Concen: 0.703 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:142 Resp: 26780

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.1	105.1

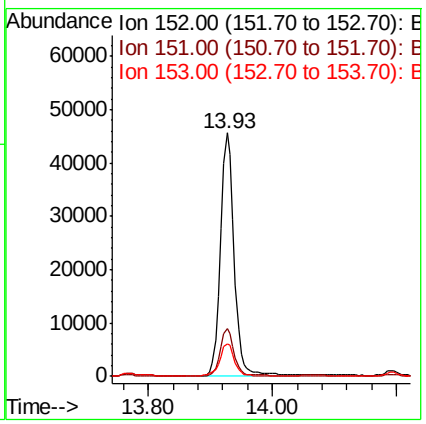




#7
Acenaphthylene
Concen: 1.195 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:152 Resp: 70129

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.4	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0AA2

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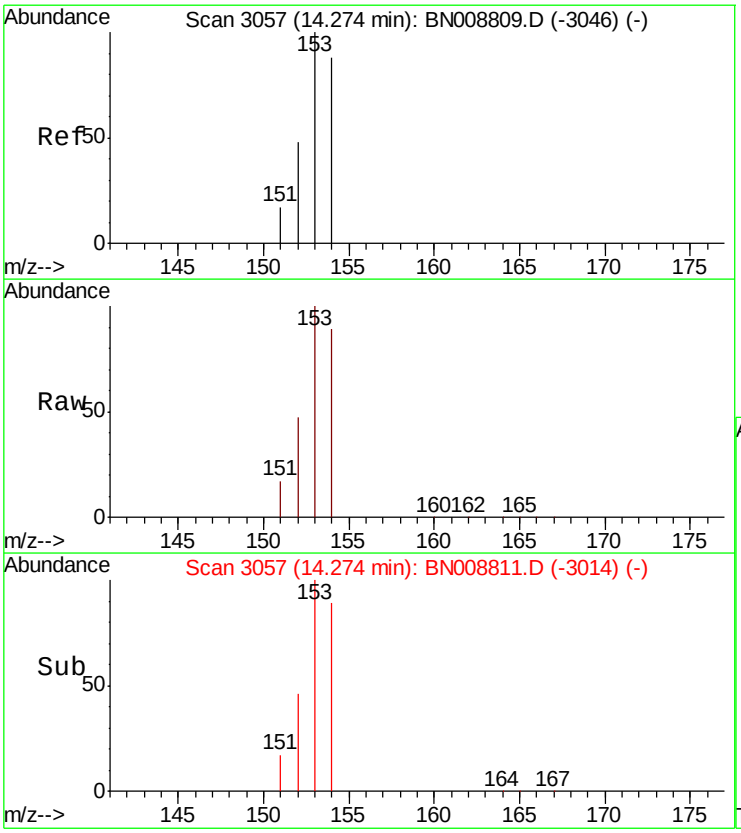
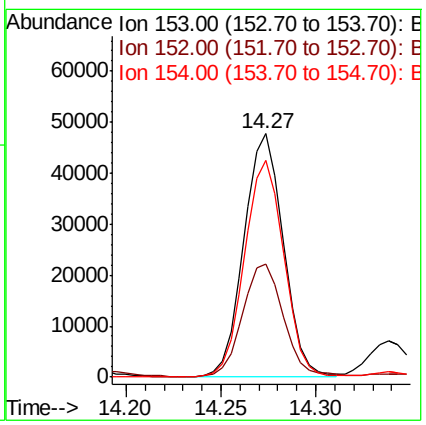
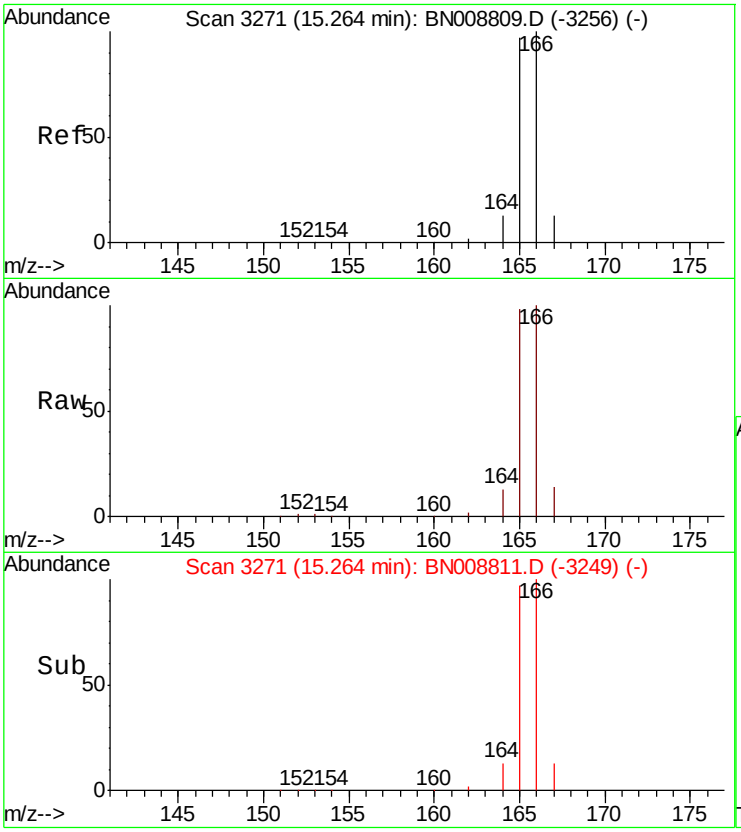


#8
Acenaphthene
Concen: 1.567 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:153 Resp: 68234

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.6	58.0
154	89.2	70.6	105.8

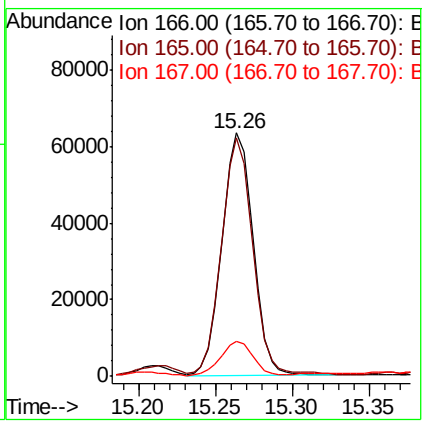




#9
Fluorene
Concen: 1.745 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:166 Resp: 89226

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.7	116.5
167	14.5	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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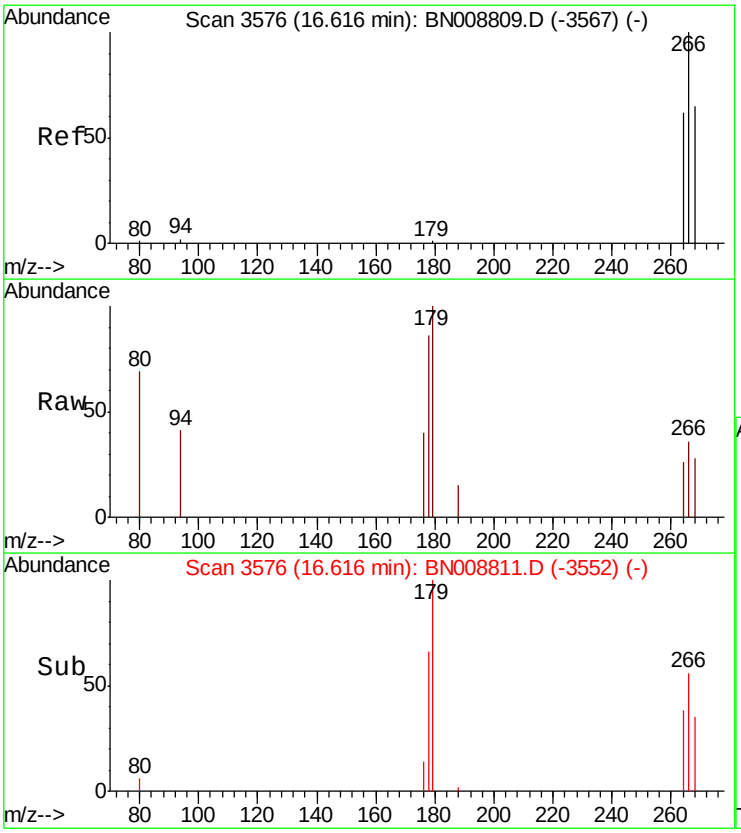
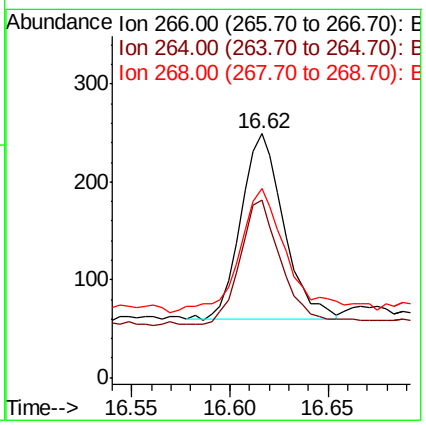
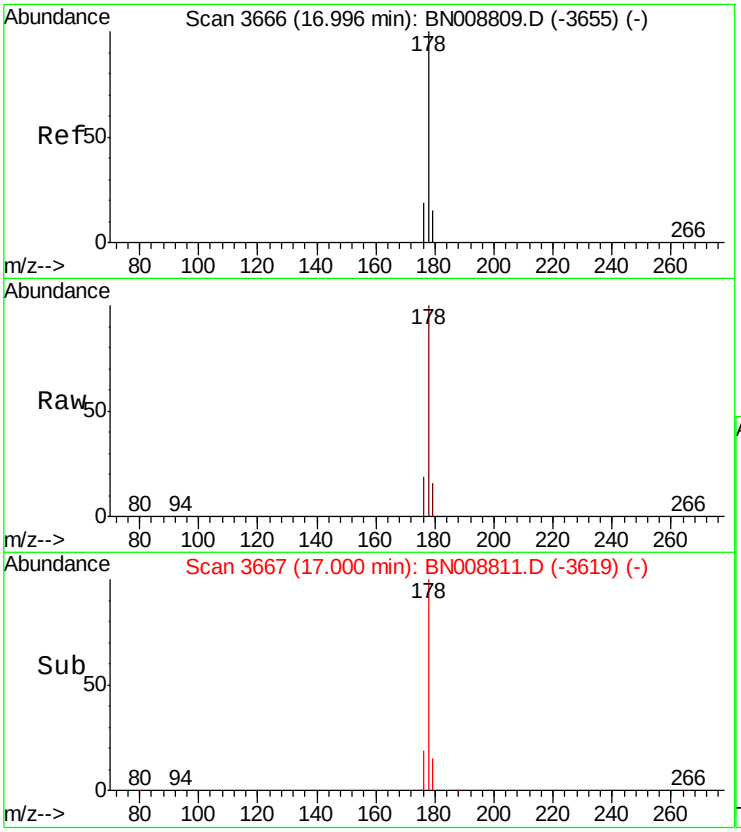


#11
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.62 min Scan# 3576
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:266 Resp: 287

Ion	Ratio	Lower	Upper
266	100		
264	69.7	50.4	75.6
268	76.7	52.2	78.4

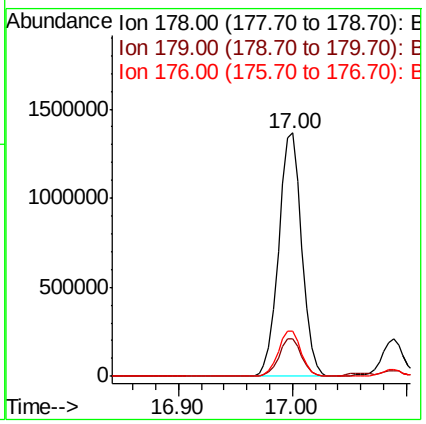




#12
Phenanthrene
Concen: 25.669 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:178 Resp: 1909849

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.6	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AA2

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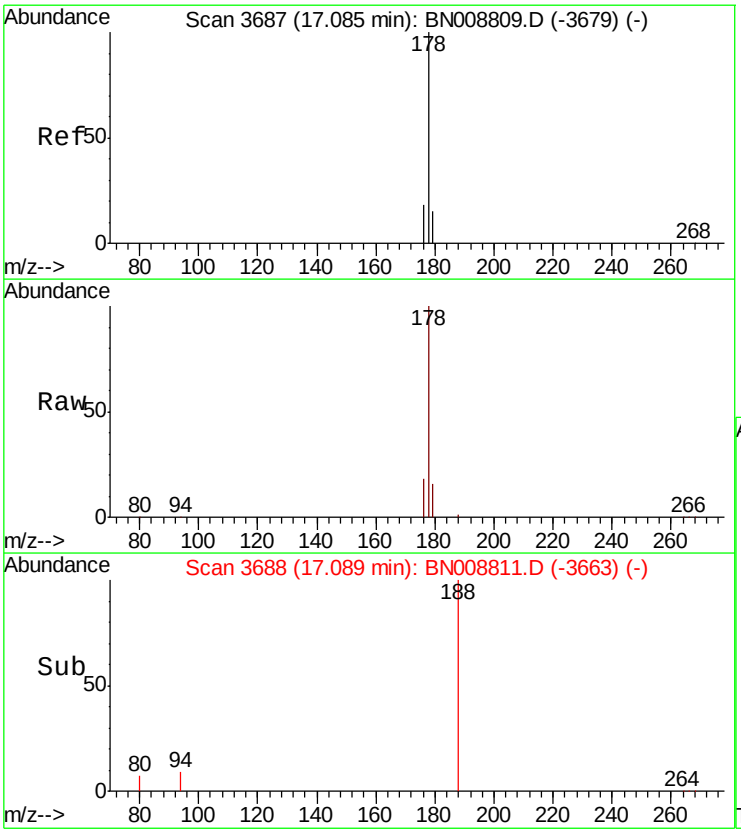
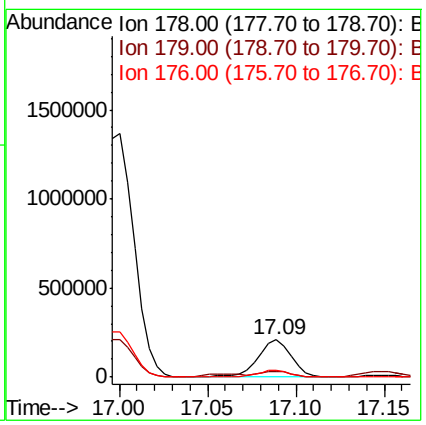
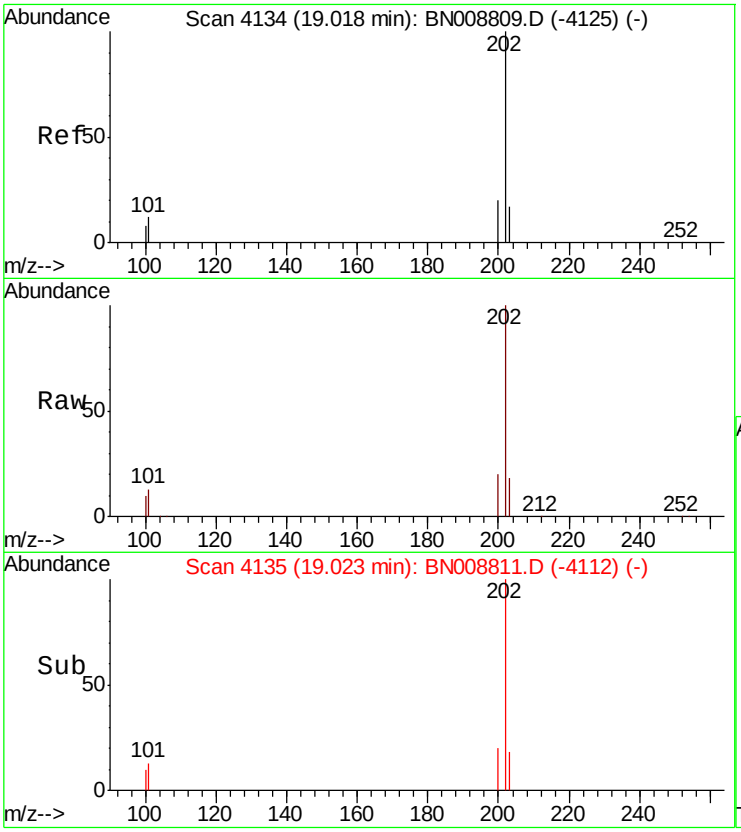


#13
Anthracene
Concen: 3.879 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:178 Resp: 272703

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.0	14.7	22.1

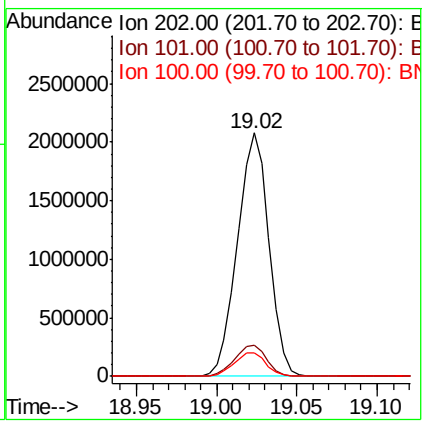




#15
Fluoranthene
Concen: 30.966 ng/ul
RT: 19.02 min Scan# 4135
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:202 Resp: 2830609

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.4
100	9.8	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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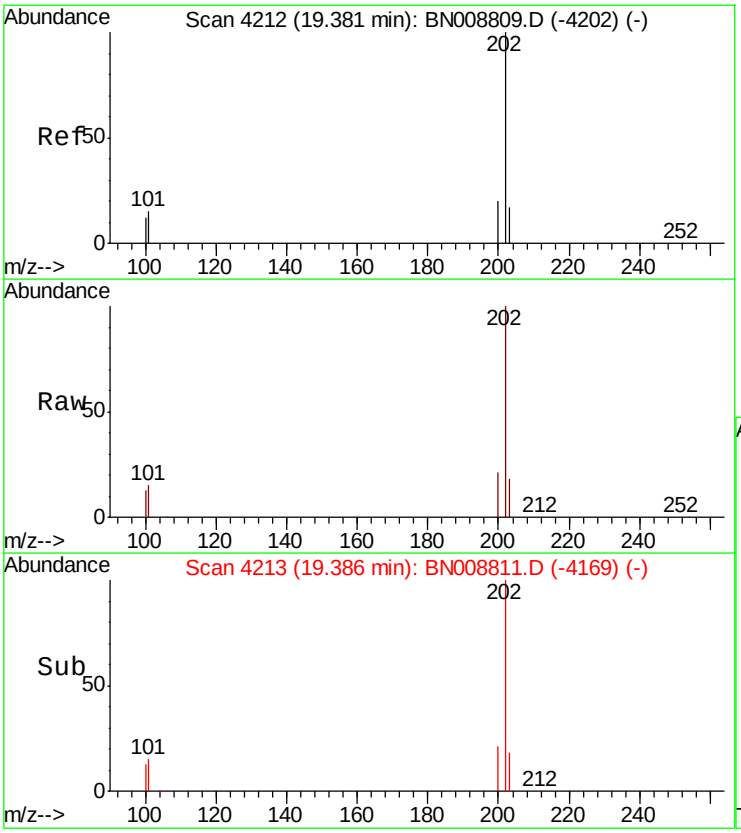
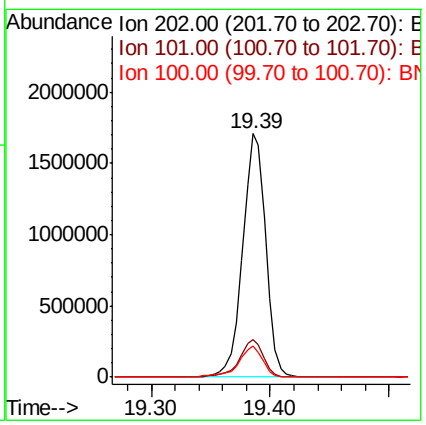
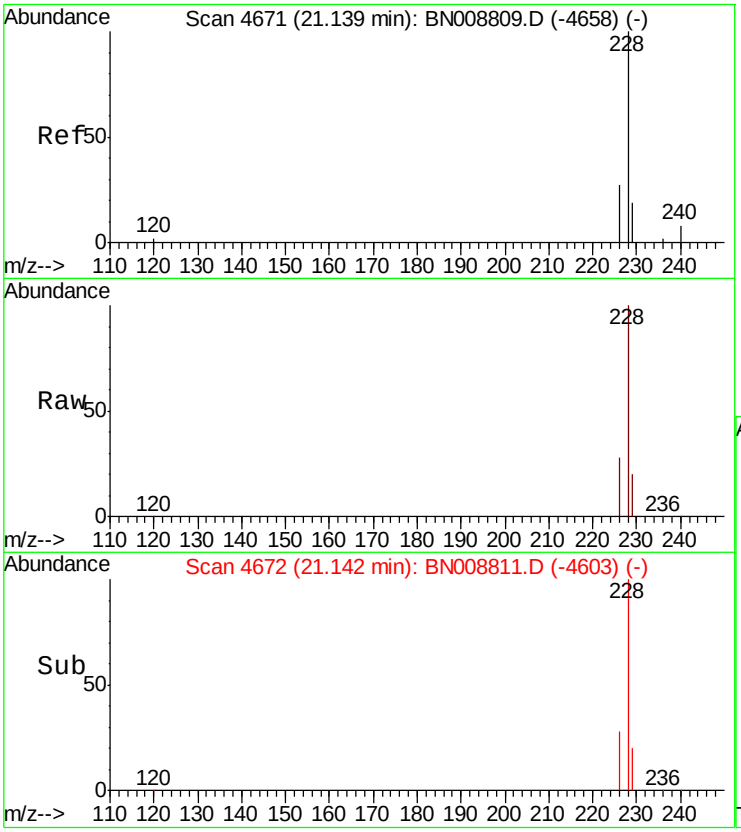


#17
Pyrene
Concen: 34.732 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:202 Resp: 2274868

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.6	9.5	14.3

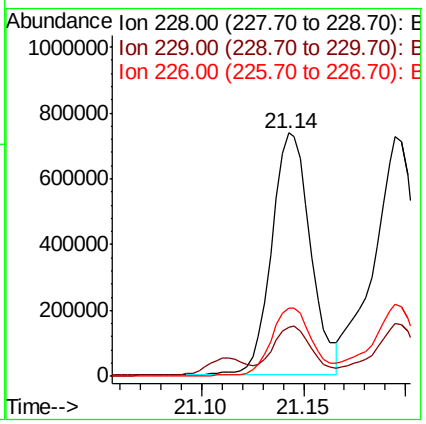




#18
Benzo(a)anthracene
Concen: 14.921 ng/ul
RT: 21.14 min Scan# 4672
Delta R.T. 0.00 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:228 Resp: 979651

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.2	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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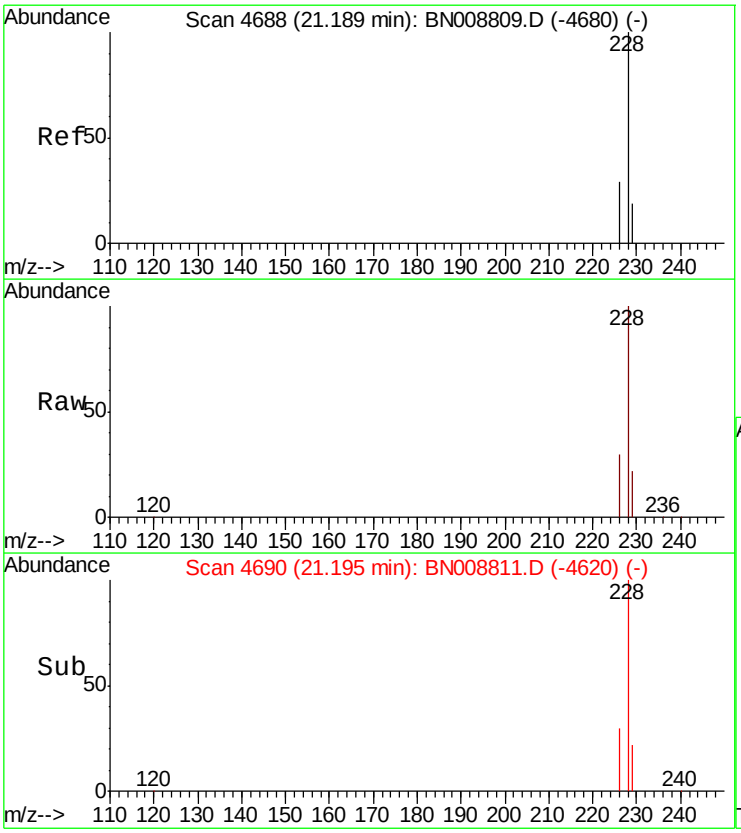
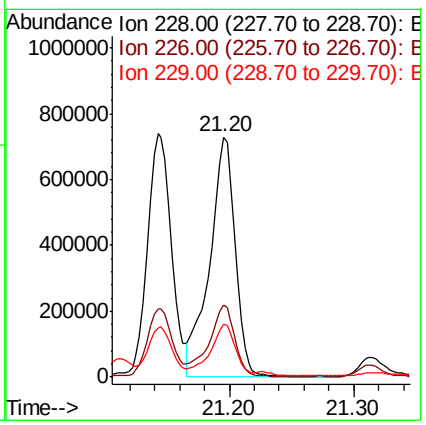
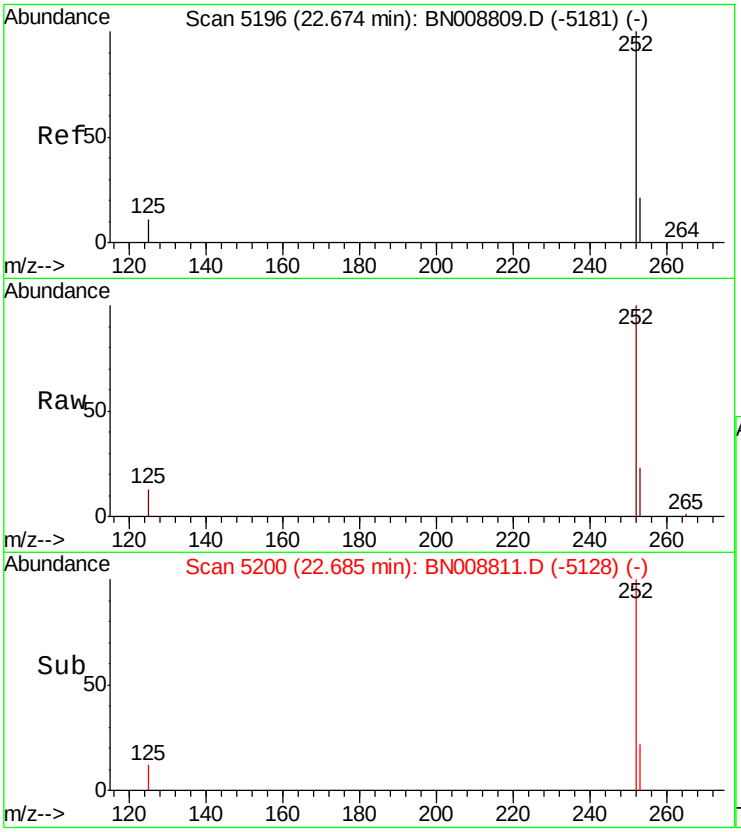


#19
Chrysene
Concen: 16.012 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.01 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:228 Resp: 1032510

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	21.9	15.6	23.4

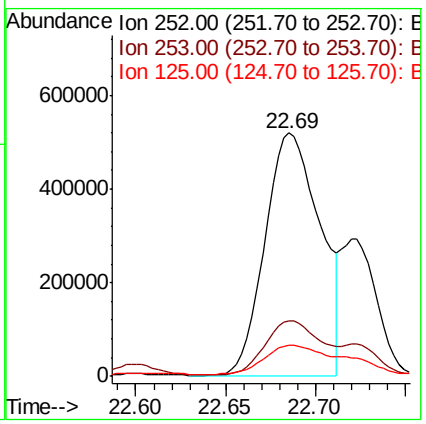




#21
Benzo(b)fluoranthene
Concen: 17.562 ng/ul m
RT: 22.69 min Scan# 5200
Delta R.T. 0.01 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:252 Resp: 1117666

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	48.6
125	12.7	0.0	31.6



Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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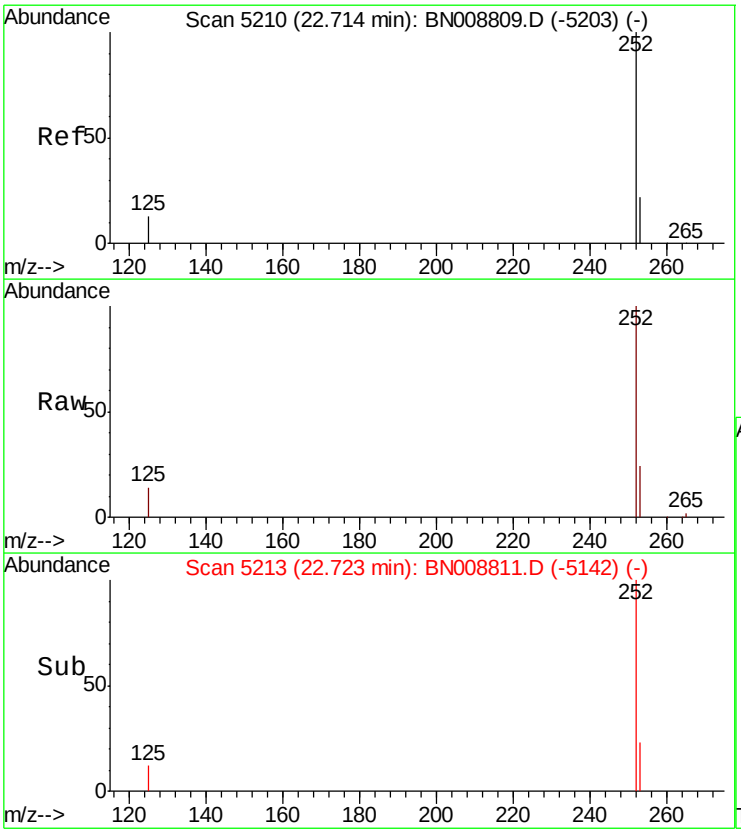
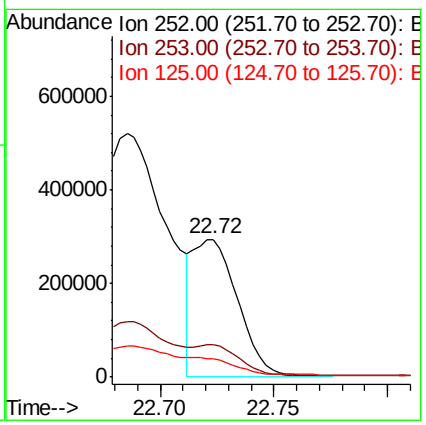
12/3/2019 2:38:41 PM

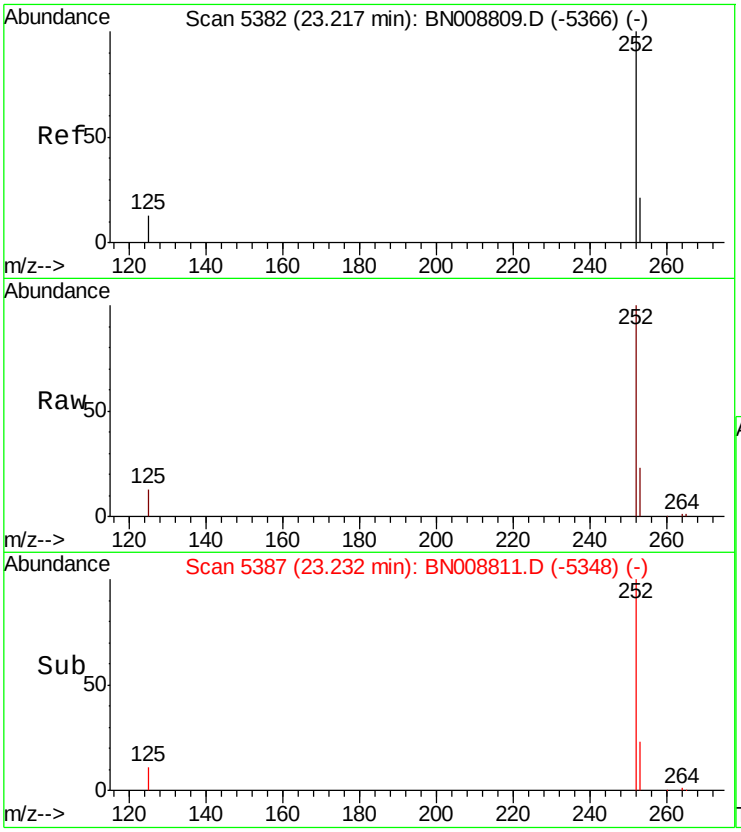


#22
Benzo(k)fluoranthene
Concen: 6.432 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.01 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:252 Resp: 405940

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.6	29.4
125	13.5	13.8	20.6#





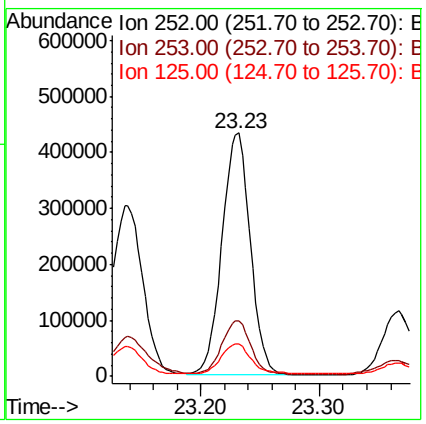
#23
Benzo(a)pyrene
Concen: 12.038 ng/ul
RT: 23.23 min Scan# 5387
Delta R.T. 0.01 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

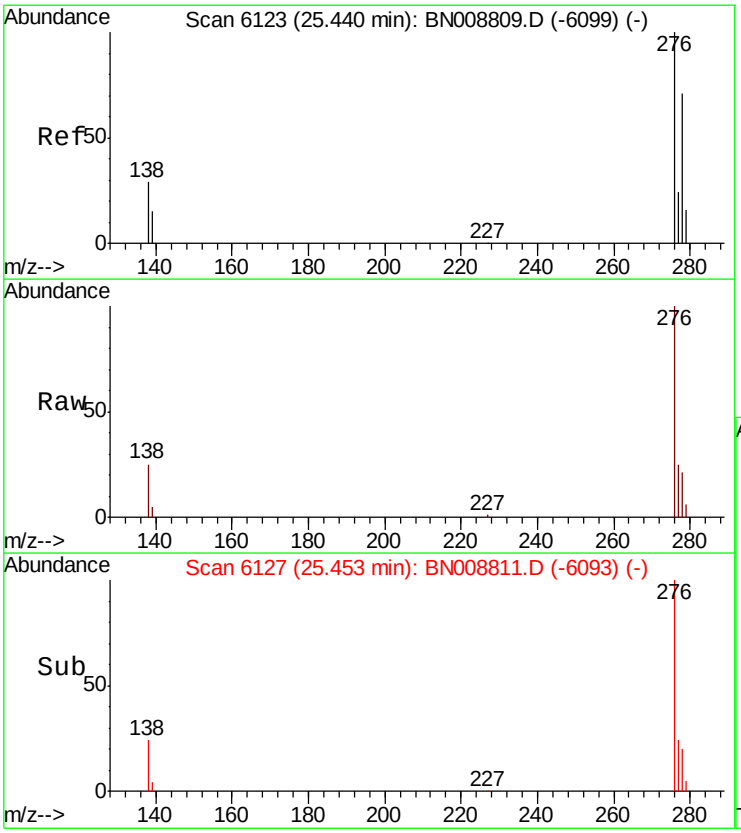
Tgt Ion:252 Resp: 719089

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.9	29.9
125	13.3	14.6	22.0#

Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
mohammad
12/3/2019 2:38:41 PM

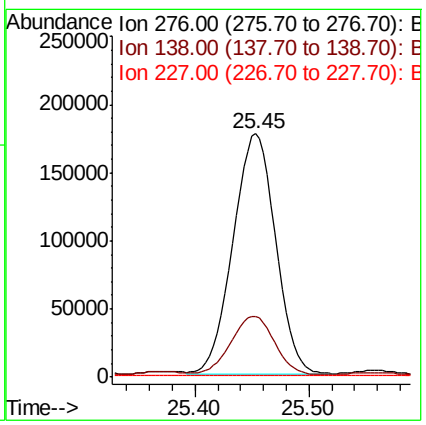


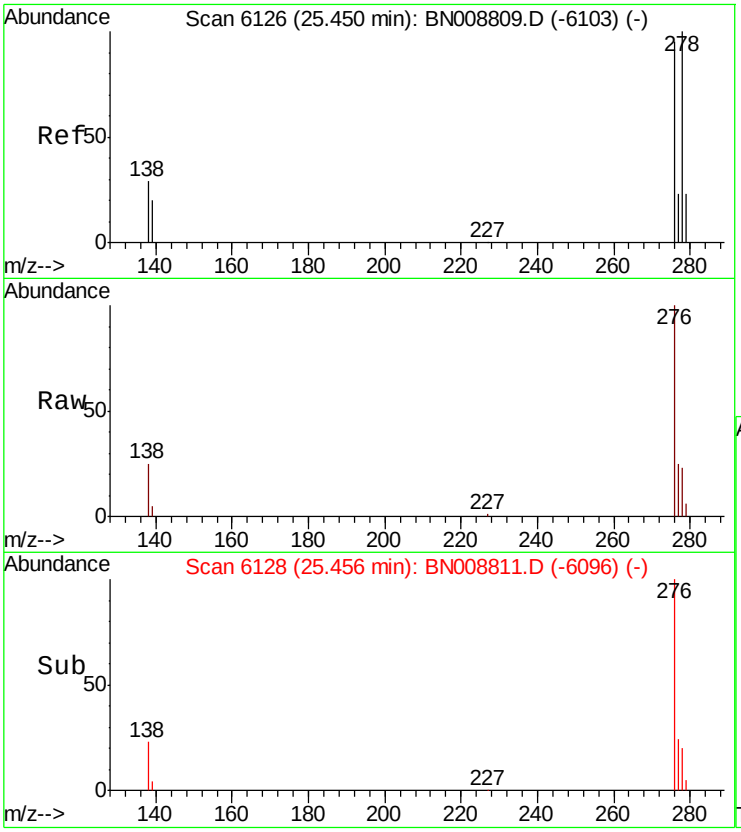


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.515 ng/ul
RT: 25.45 min Scan# 6127
Delta R.T. 0.01 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:276 Resp: 455124

Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.8	35.6
227	0.2	0.2	0.2

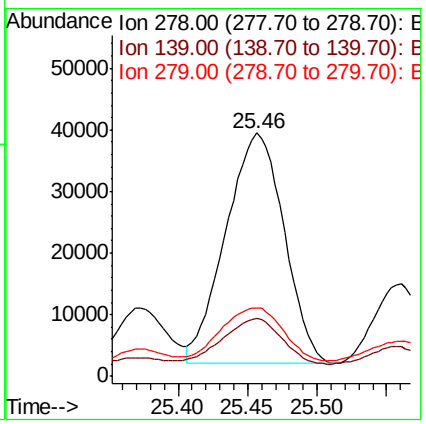




#25
Dibenzo(a,h)anthracene
Concen: 1.935 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. 0.01 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

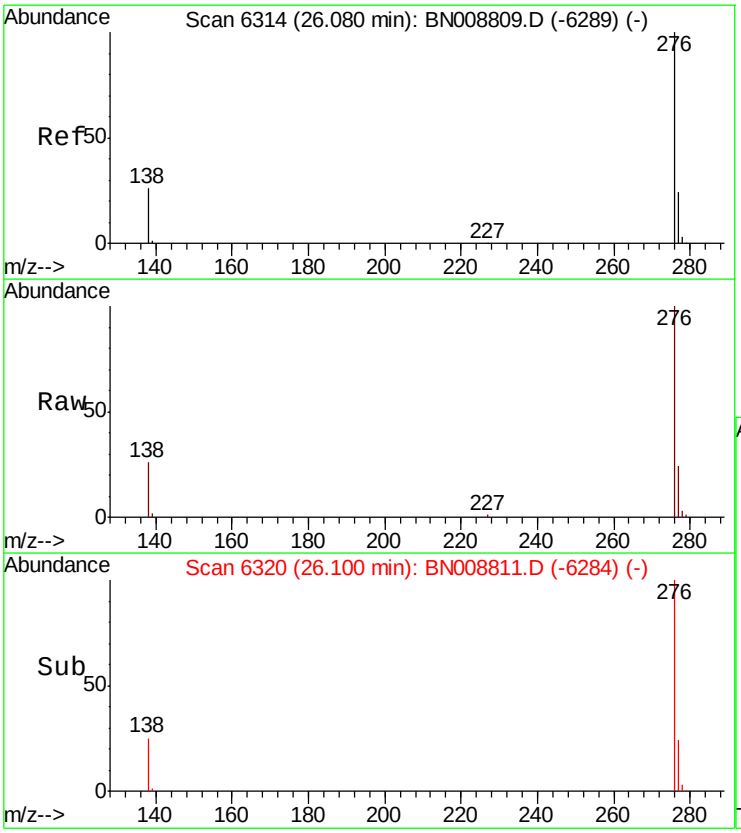
Tgt Ion:278 Resp: 109199

Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.4	26.0
279	28.3	20.5	30.7



Instrument :
BNA_N
ClientSampleId :
C0AA2

Manual Integrations APPROVED
mohammad
12/3/2019 2:38:41 PM



#26
Benzo(g,h,i)perylene
Concen: 7.630 ng/ul
RT: 26.10 min Scan# 6320
Delta R.T. 0.02 min
Lab File: BN008811.D
Acq: 02 Dec 2019 13:07

Tgt Ion:276 Resp: 445874

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.9	32.9
277	24.3	19.9	29.9