Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007455.D
Acq On : 28 Aug 2019 05:06
Operator : HP/JU
Sample : K4337-10DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
mohammad
8/28/2019 7:49:03 AM

Quant Time: Aug 28 08:49:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 02:09:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	5600	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	23747	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	13425	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	28603	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	25076	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	28282	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	3056	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	8657	0.09	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	3697	0.055	ng/ul#	92
7) Acenaphthylene	13.76	152	6126	0.082	ng/ul#	94
8) Acenaphthene	14.11	153	21448	0.400	ng/ul	98
9) Fluorene	15.11	166	10263	0.177	ng/ul#	94
11) Pentachlorophenol	16.46	266	20553	3.190	ng/ul	99
12) Phenanthrene	16.84	178	9017	0.101	ng/ul	96
13) Anthracene	16.93	178	30063m	0.357	ng/ul	
15) Fluoranthene	18.87	202	31420	0.263	ng/ul	99
17) Pyrene	19.24	202	26275	0.214	ng/ul	100
18) Benzo(a)anthracene	21.00	228	14961	0.133	ng/ul#	90
19) Chrysene	21.05	228	19367m	0.161	ng/ul	
21) Benzo(b)fluoranthene	22.50	252	34925m	0.283	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	10630m	0.082	ng/ul	
23) Benzo(a)pyrene	23.03	252	16982	0.138	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.18	276	16547	0.120	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.19	278	3718	0.034	ng/ul#	58
26) Benzo(g,h,i)perylene	25.81	276	15178	0.129	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
Data File : BN007455.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Manual Integrations APPROVED
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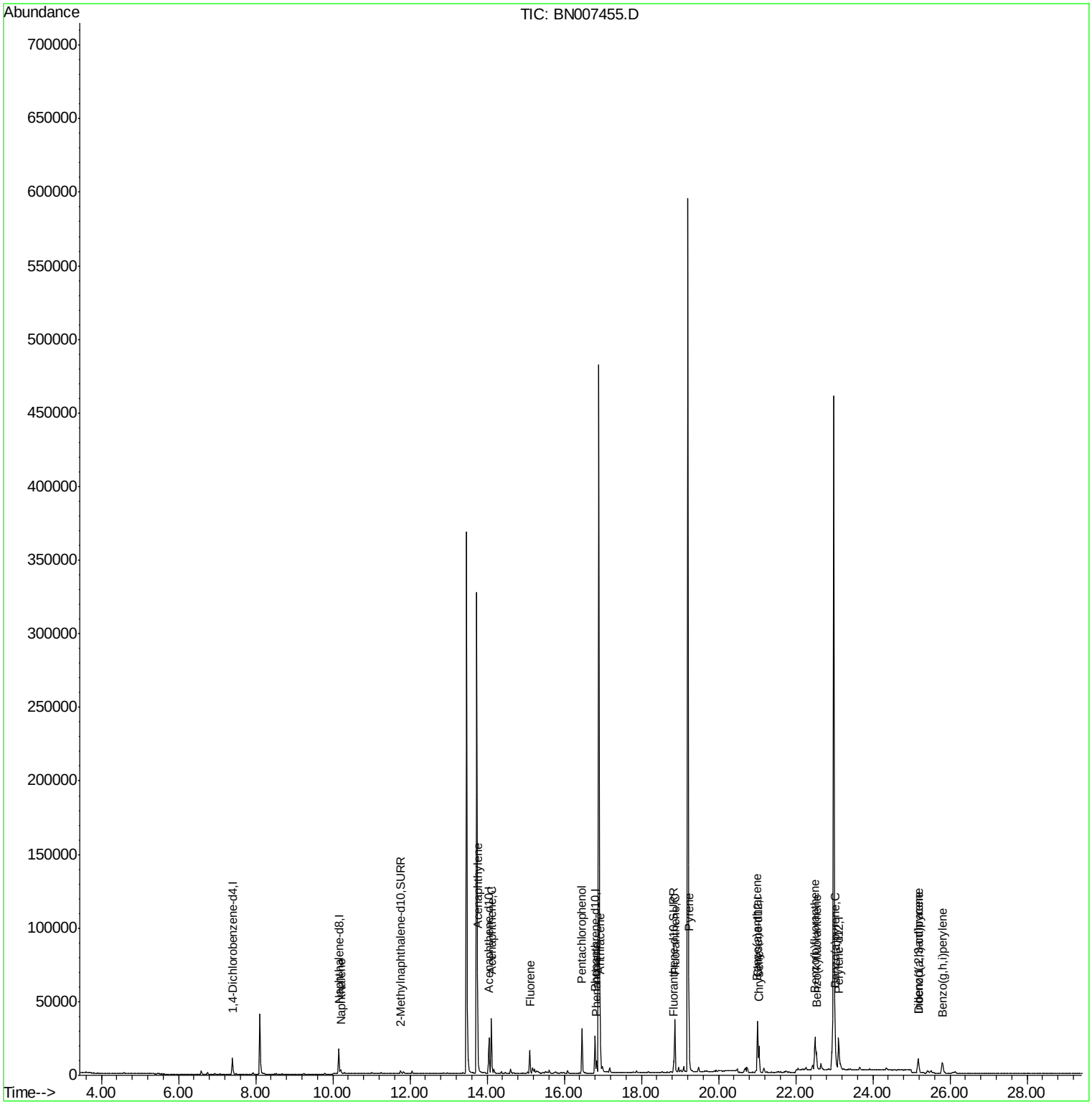

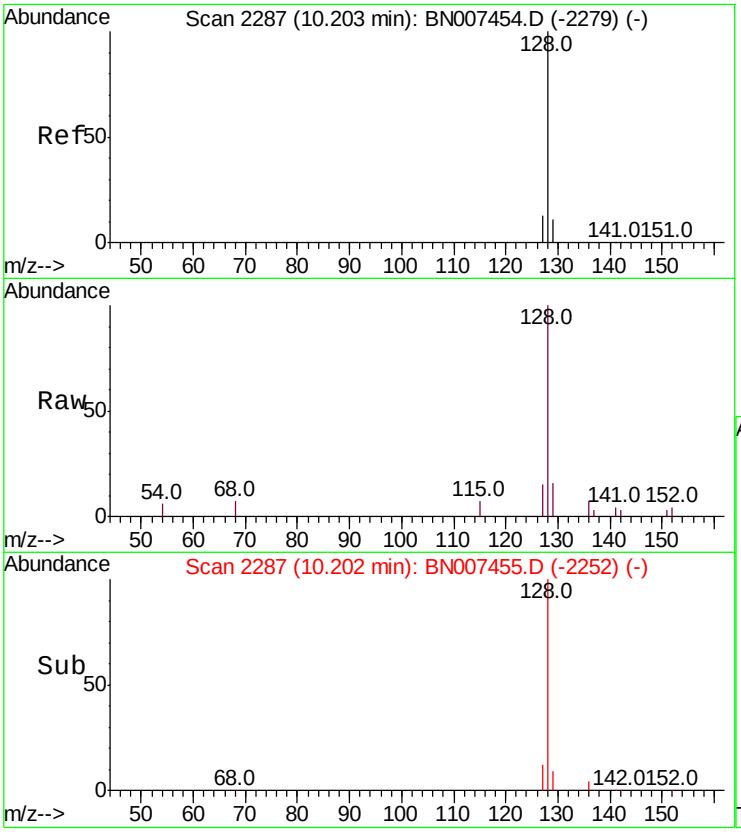

#3
Naphthalene
Concen: 0.055 ng/ul
RT: 10.20 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:128 Resp: 3697

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.2	13.8#
127	15.1	10.4	15.6

Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
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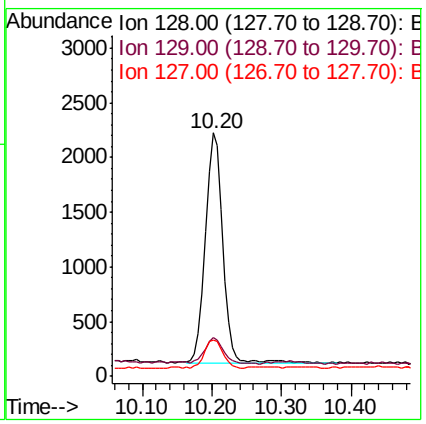
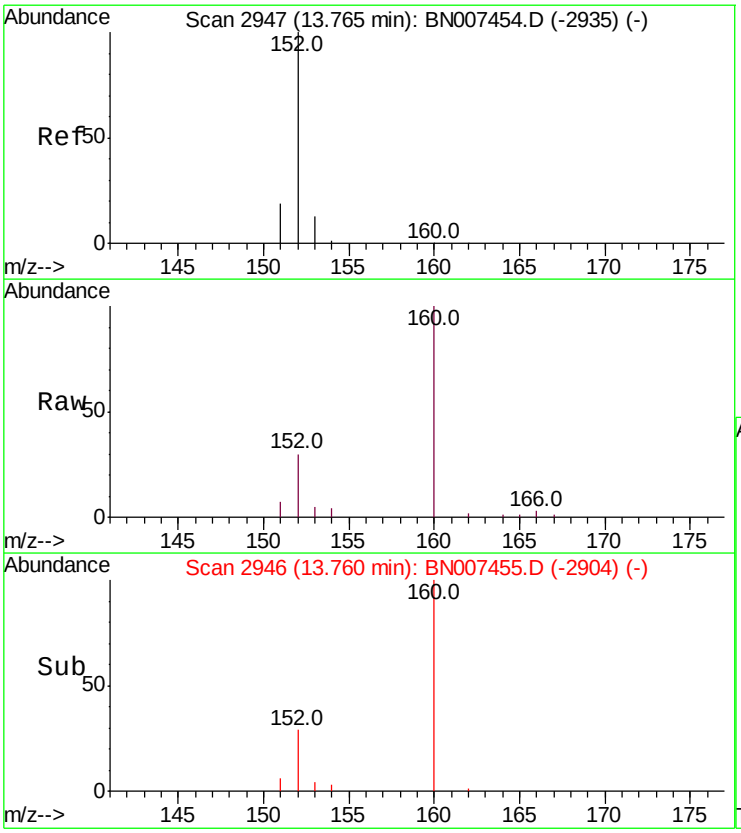
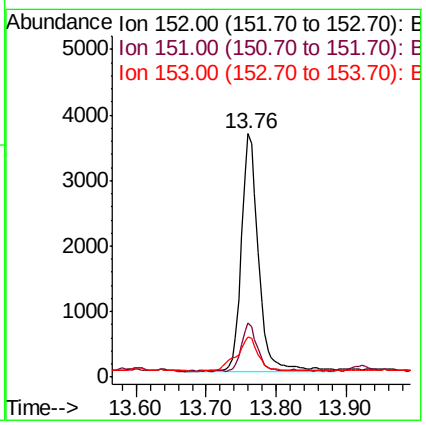


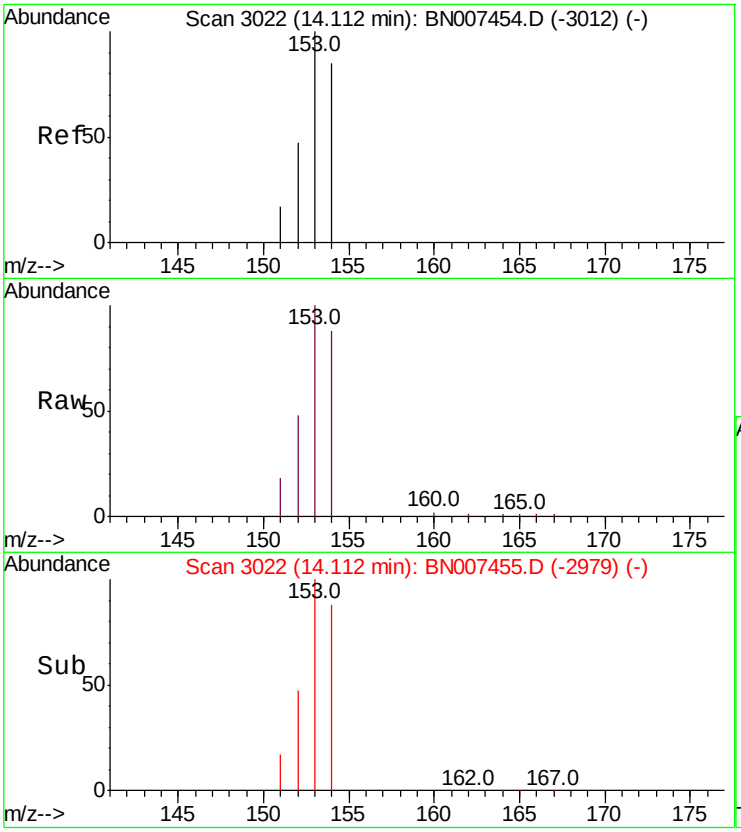


#7
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.76 min Scan# 2946
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:152 Resp: 6126

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.8	23.6
153	16.7	10.8	16.2#





#8
Acenaphthene
Concen: 0.400 ng/ul
RT: 14.11 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:153 Resp: 21448

Ion	Ratio	Lower	Upper
153	100		
152	47.5	39.1	58.7
154	88.3	69.4	104.2

Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
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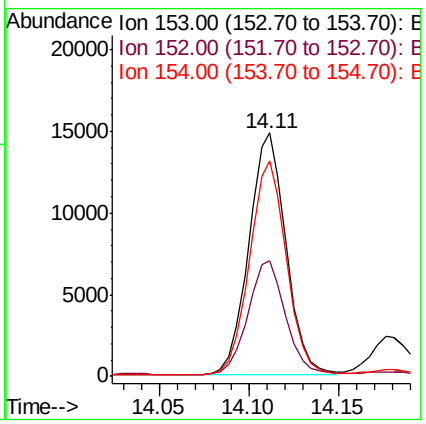
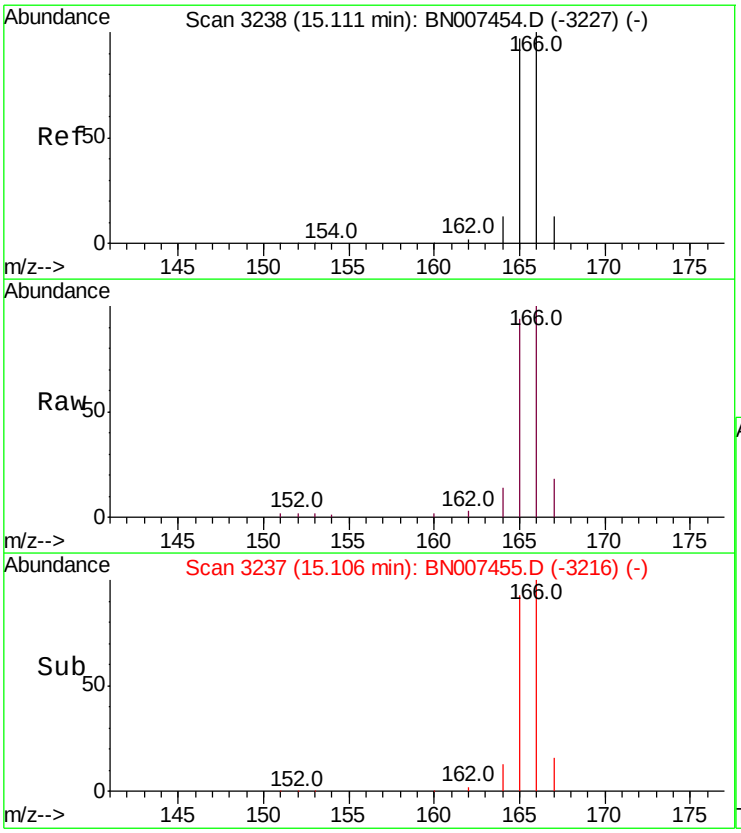
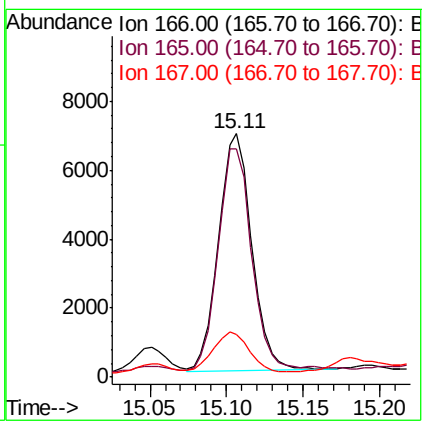


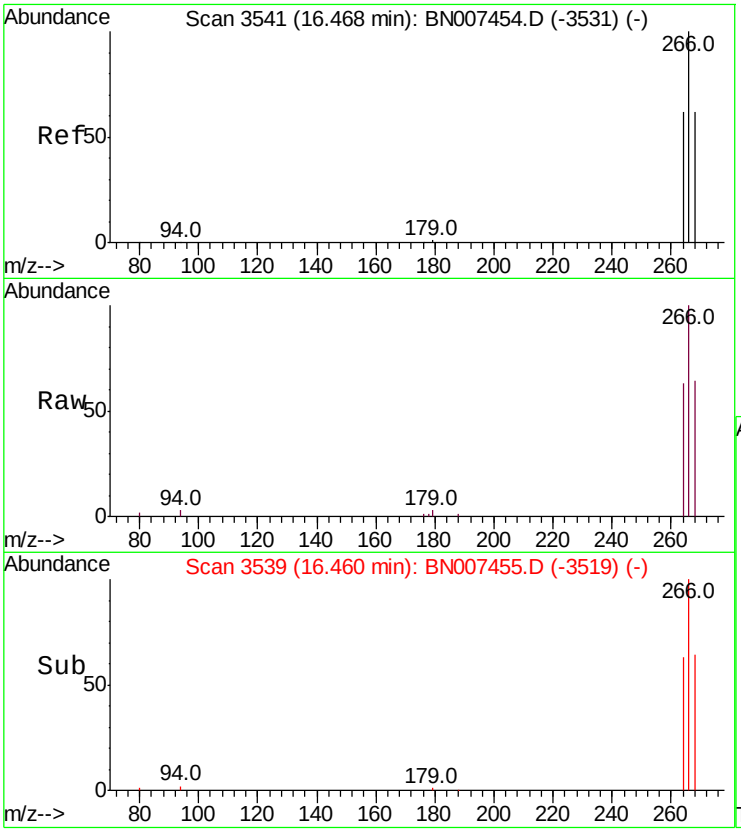


#9
Fluorene
Concen: 0.177 ng/ul
RT: 15.11 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:166 Resp: 10263

Ion	Ratio	Lower	Upper
166	100		
165	93.5	79.6	119.4
167	17.6	11.7	17.5#

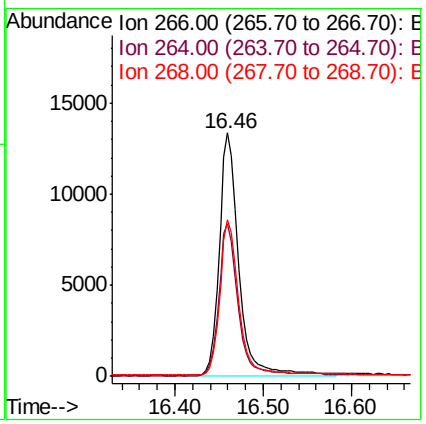




#11
Pentachlorophenol
Concen: 3.190 ng/ul
RT: 16.46 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:266 Resp: 20553

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.0	73.6
268	63.6	50.2	75.2



Instrument :
BNA_N
ClientSampleId :
C0AA0DL

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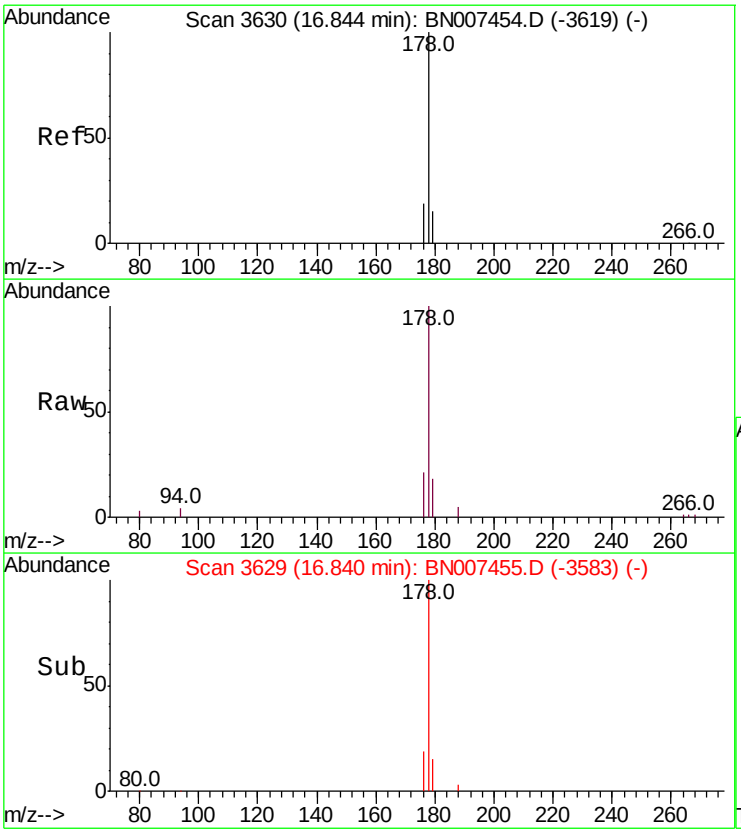
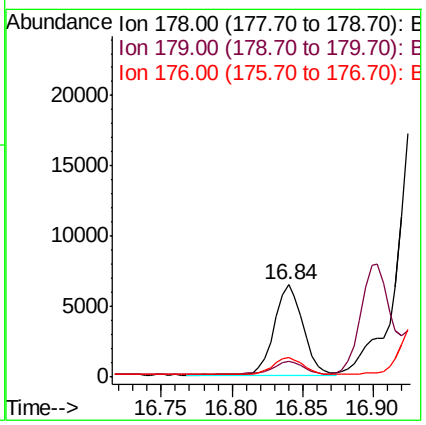
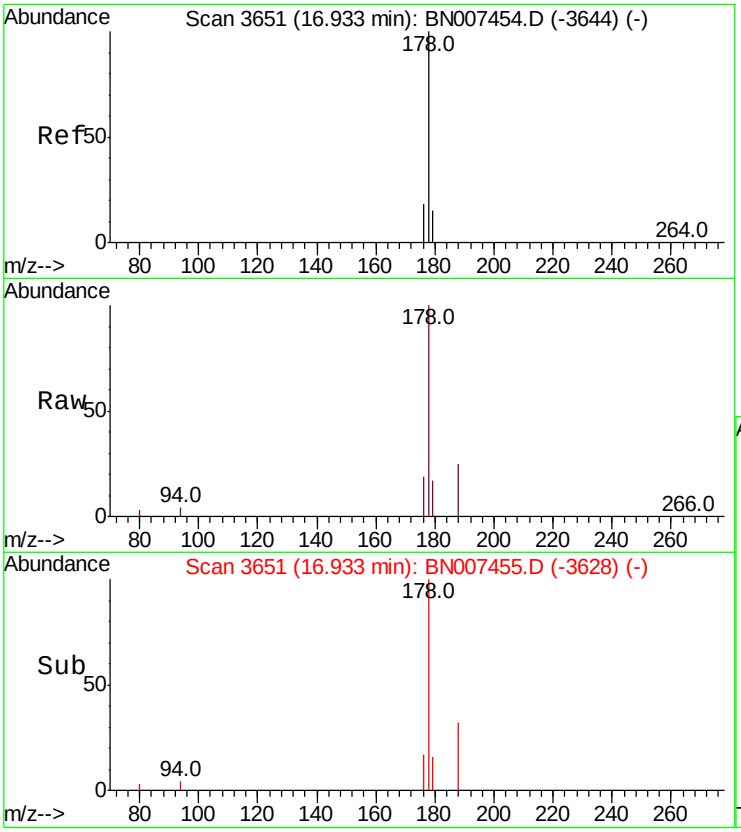


#12
Phenanthrene
Concen: 0.101 ng/ul
RT: 16.84 min Scan# 3629
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:178 Resp: 9017

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.8	19.2
176	21.1	15.2	22.8

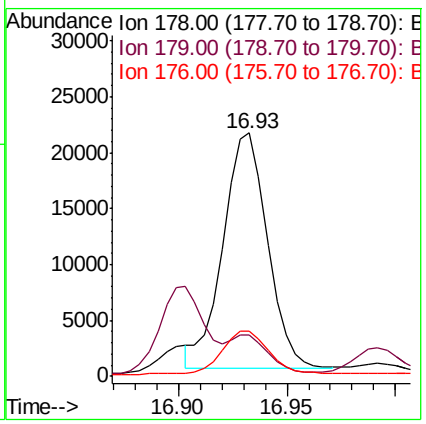




#13
Anthracene
Concen: 0.357 ng/ul m
RT: 16.93 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:178 Resp: 30063

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	18.6	14.6	21.8



Instrument :
BNA_N
ClientSampleId :
C0AA0DL

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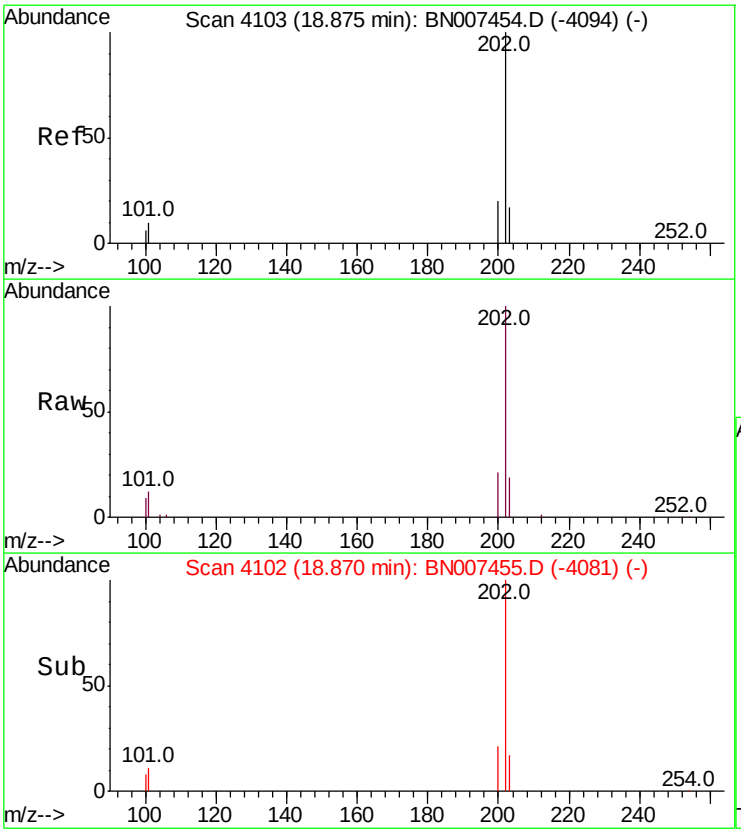
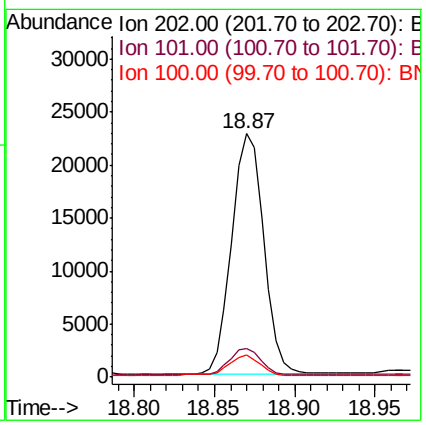
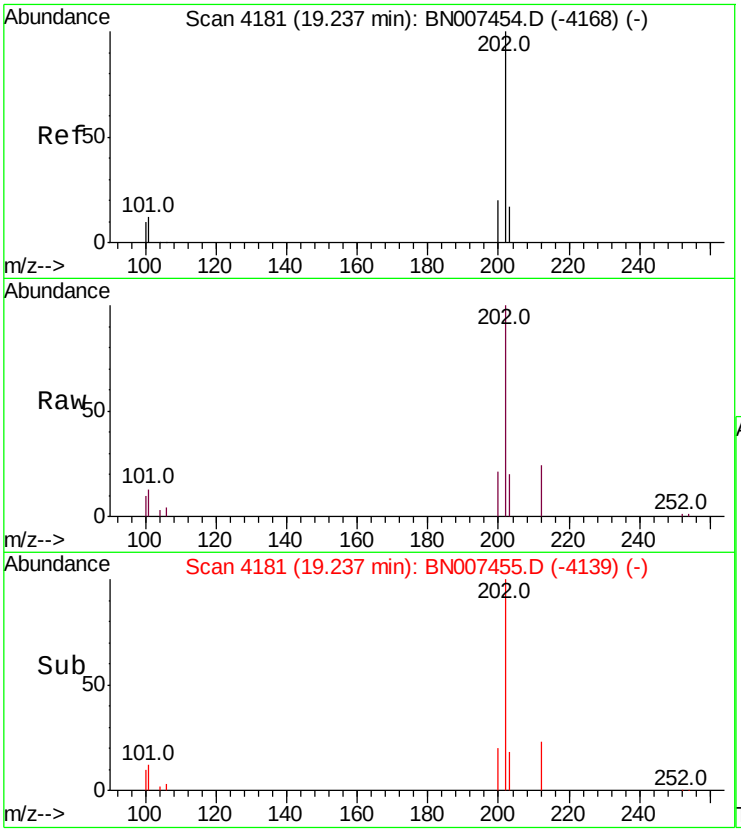


#15
Fluoranthene
Concen: 0.263 ng/ul
RT: 18.87 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:202 Resp: 31420

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
100	9.0	0.0	28.5





#17
Pyrene
Concen: 0.214 ng/ul
RT: 19.24 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:202 Resp: 26275

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.7	16.1
100	10.5	8.6	12.8

Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
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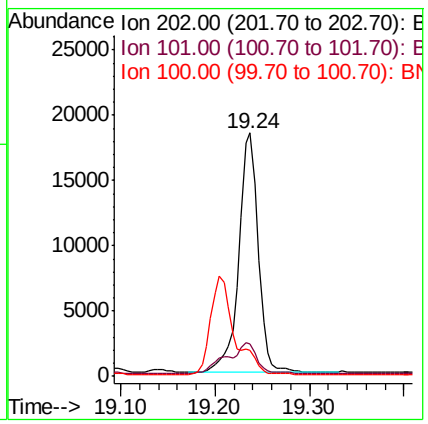
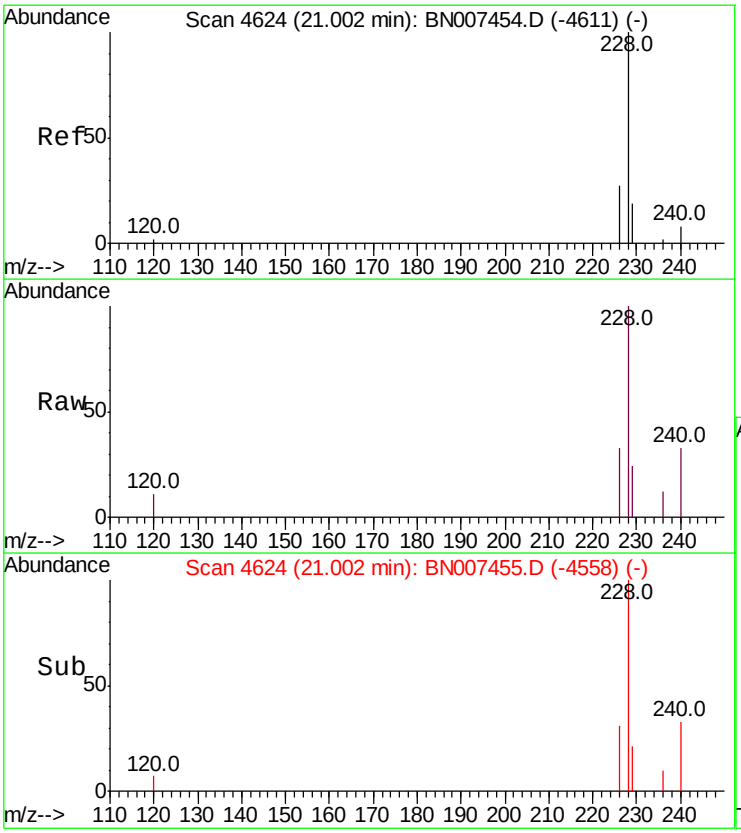
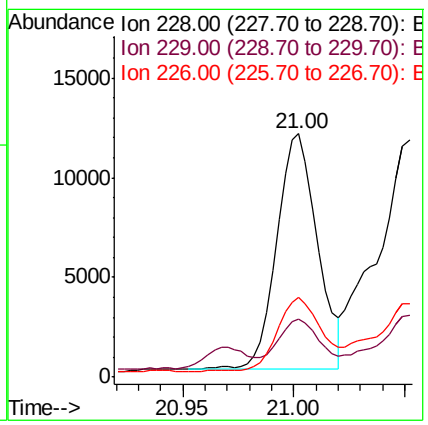


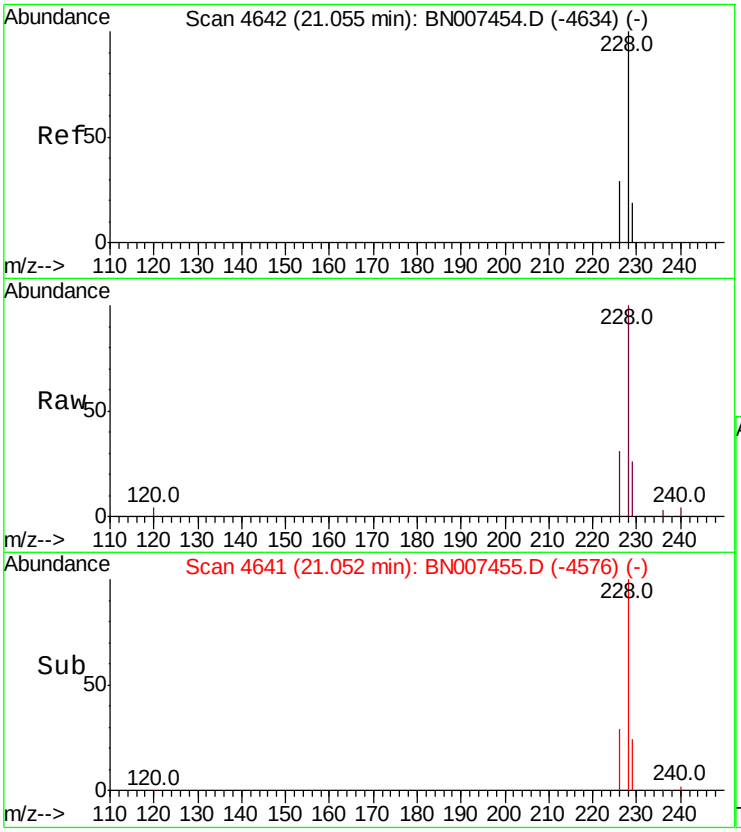


#18
Benzo(a)anthracene
Concen: 0.133 ng/ul
RT: 21.00 min Scan# 4624
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:228 Resp: 14961

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.4	23.2#
226	32.5	22.0	33.0





#19
Chrysene
Concen: 0.161 ng/ul m
RT: 21.05 min Scan# 4641
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:228 Resp: 19367

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	26.0	16.1	24.1#

Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
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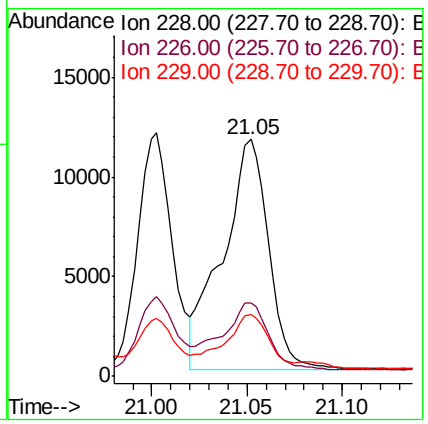
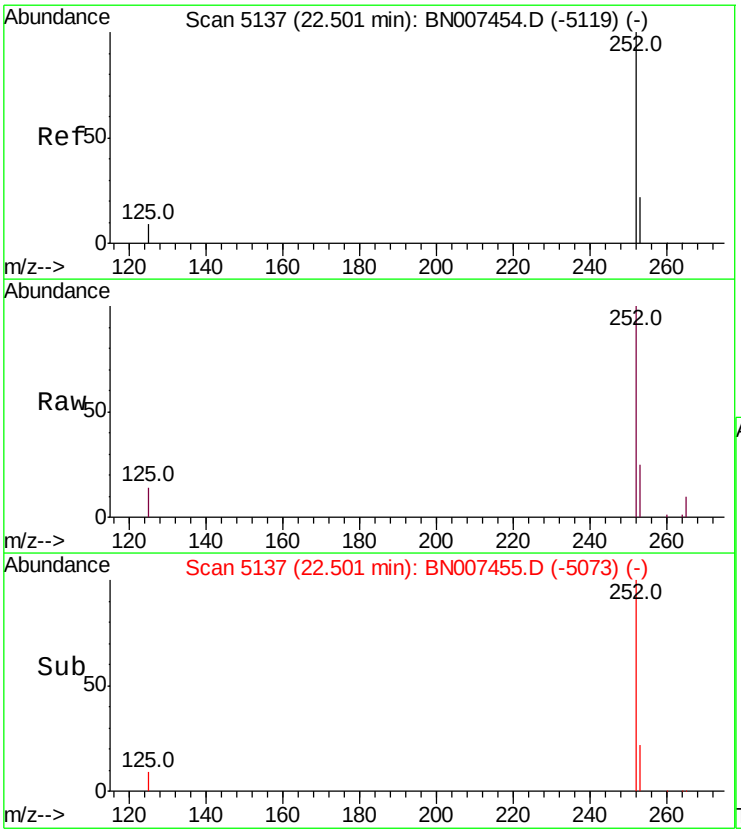
8/28/2019 7:49:03 AM

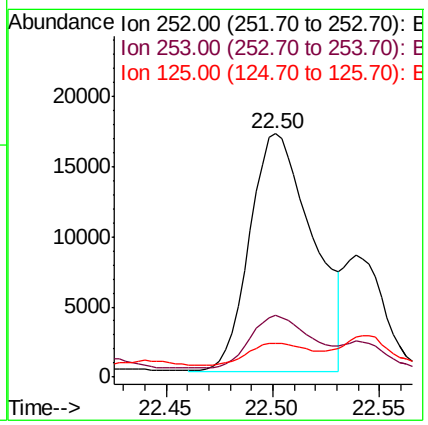


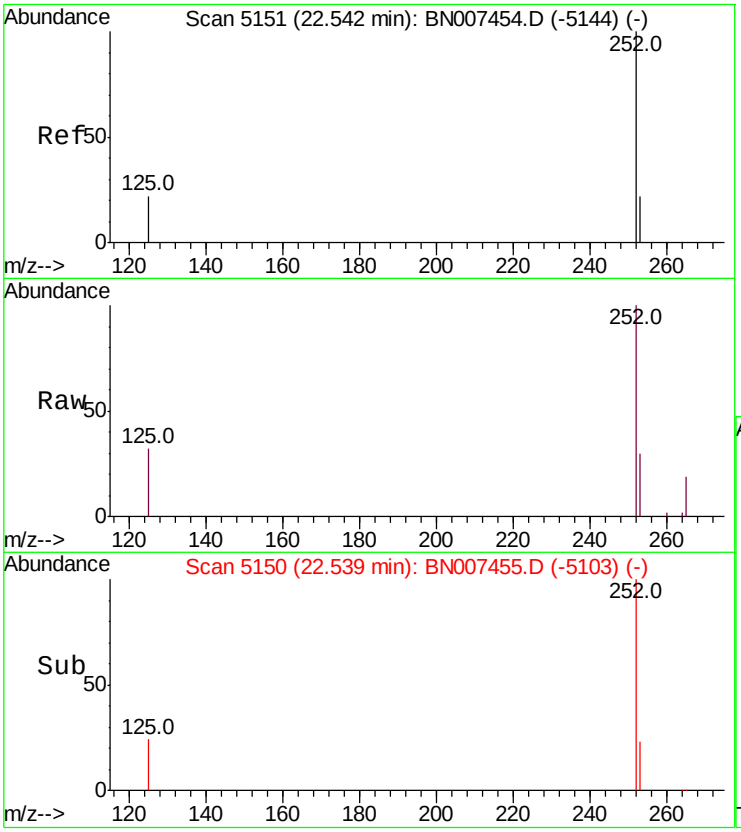


#21
Benzo(b)fluoranthene
Concen: 0.283 ng/ul m
RT: 22.50 min Scan# 5137
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:252 Resp: 34925

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	47.0
125	13.9	0.0	24.8





#22
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.54 min Scan# 5150
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:252 Resp: 10630

Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.7	28.1#
125	32.5	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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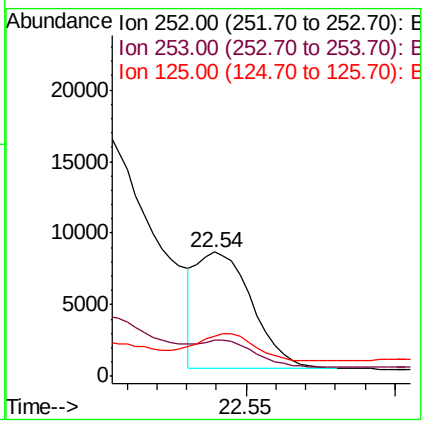
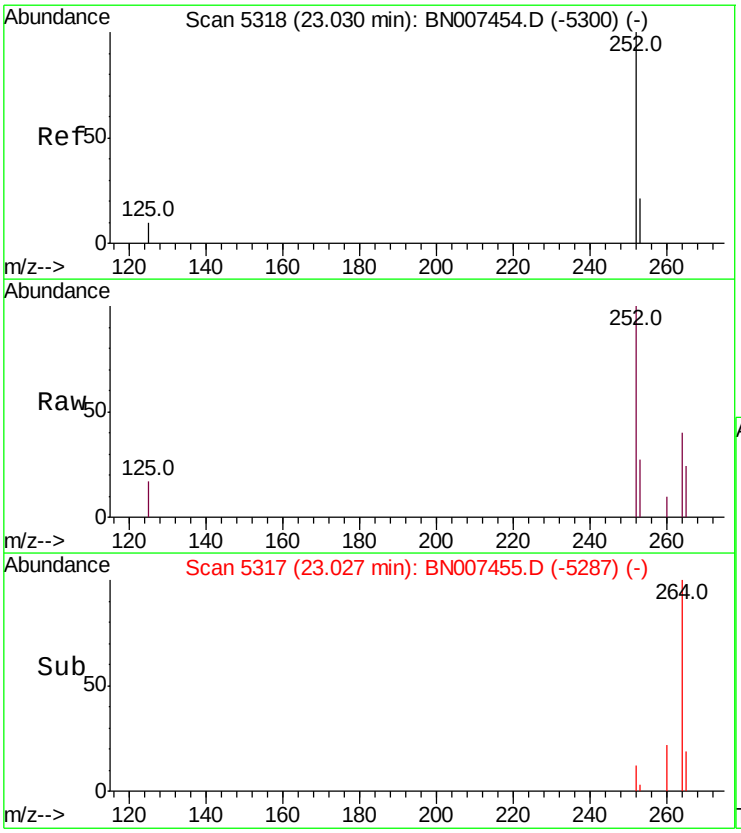
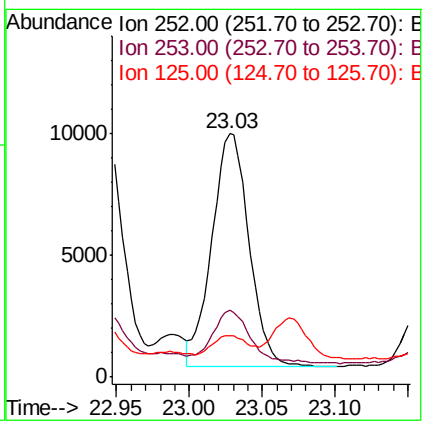


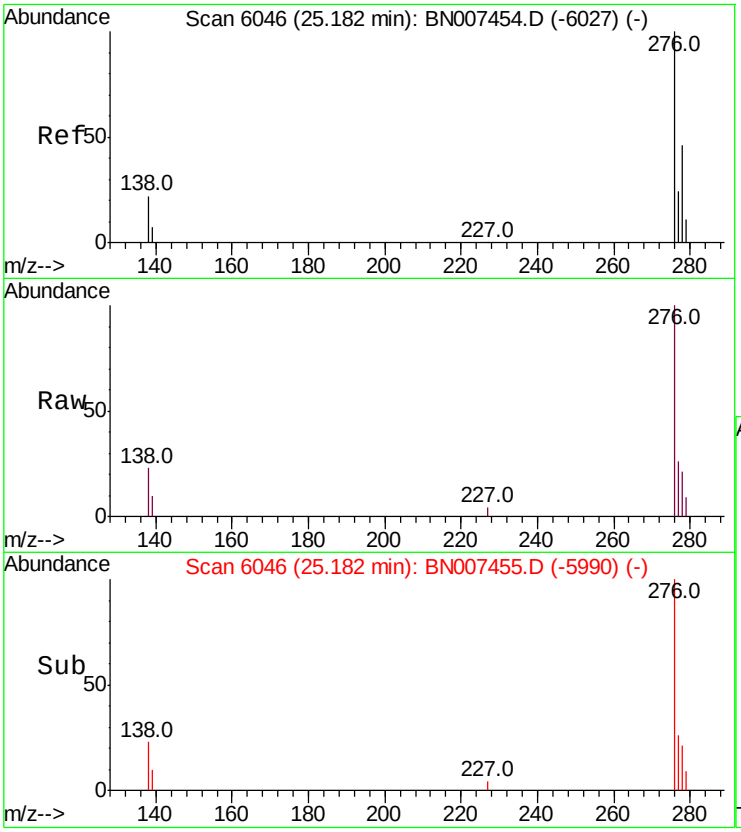


#23
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.03 min Scan# 5317
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:252 Resp: 16982

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.0	28.6
125	17.0	11.2	16.8#





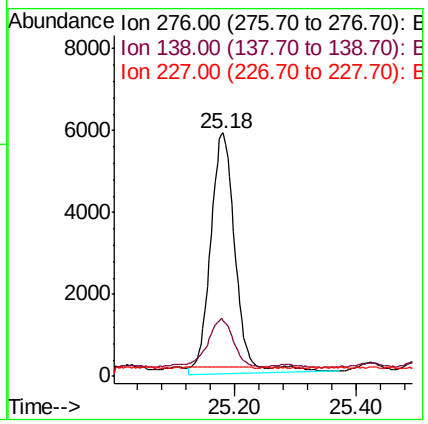
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 25.18 min Scan# 6046
Delta R.T. -0.01 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

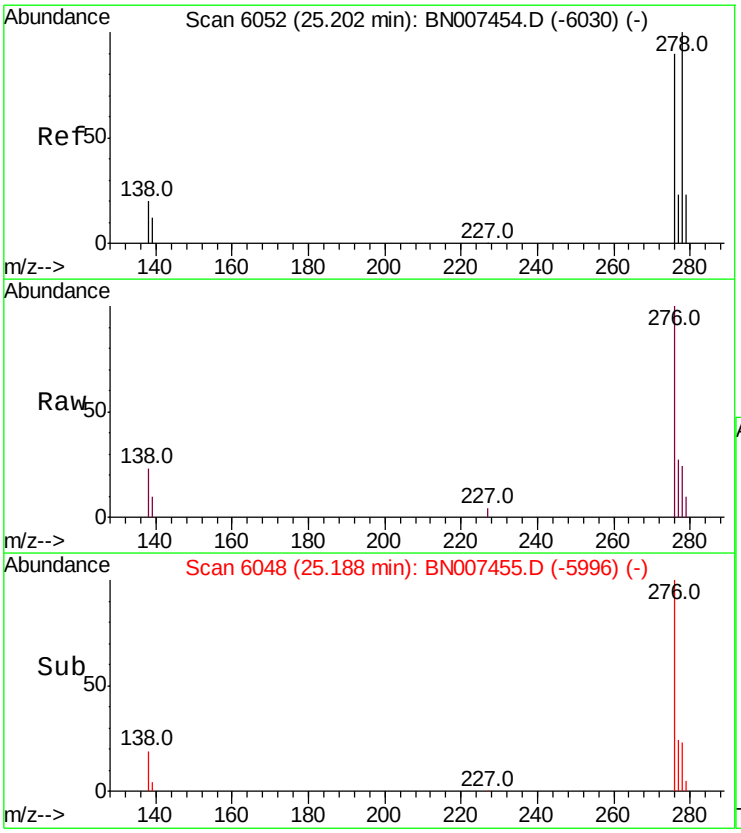
Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
mohammad
8/28/2019 7:49:03 AM

Tgt Ion:276 Resp: 16547

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.7	29.5
227	0.0	0.1	0.1#

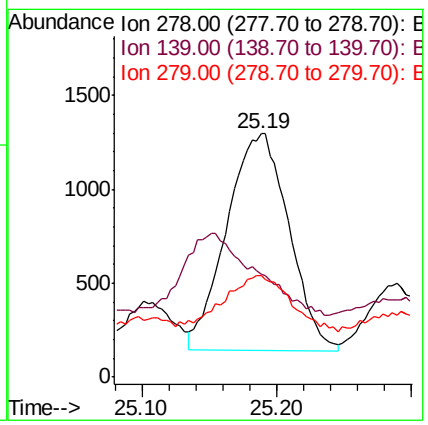


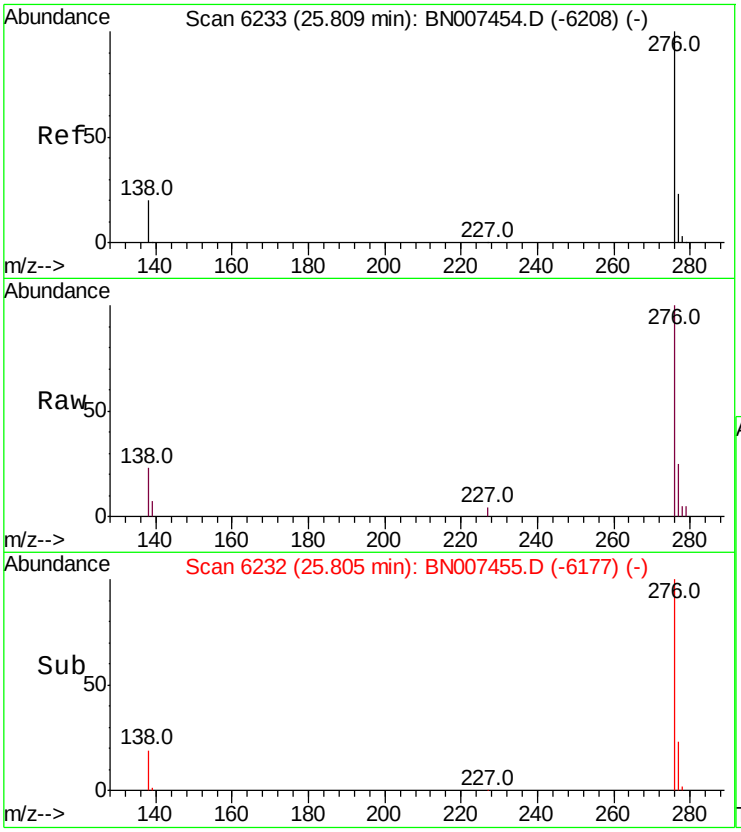


#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.19 min Scan# 6048
Delta R.T. -0.03 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:278 Resp: 3718

Ion	Ratio	Lower	Upper
278	100		
139	42.2	14.6	21.8#
279	41.6	19.8	29.8#

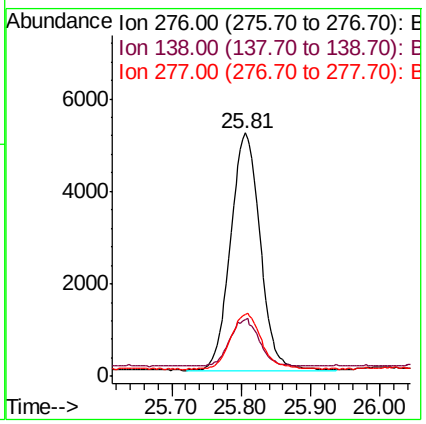




#26
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 25.81 min Scan# 6232
Delta R.T. -0.02 min
Lab File: BN007455.D
Acq: 28 Aug 2019 05:06

Tgt Ion:276 Resp: 15178

Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.1	25.7
277	25.5	19.4	29.0



Instrument :
BNA_N
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED
mohammad
8/28/2019 7:49:03 AM