Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012265.D
Acq On : 16 Oct 2020 14:01
Operator : CG/JU
Sample : L4201-18
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AK8

Manual Integrations APPROVED
mohammad
10/19/2020 1:21:26 PM

Quant Time: Oct 16 14:31:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 10:51:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1436	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6001	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7311	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6044	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	8442	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1692	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3477	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	6826	0.394	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	5865	0.533	ng/ul	100
7) Acenaphthylene	13.97	152	47972	3.067	ng/ul	98
8) Acenaphthene	14.32	153	30266	2.289	ng/ul	99
9) Fluorene	15.31	166	52306	3.554	ng/ul	99
12) Phenanthrene	17.05	178	1045708	44.870	ng/ul	98
13) Anthracene	17.14	178	319217	15.968	ng/ul	97
15) Fluoranthene	19.07	202	2461185	90.315	ng/ul	99
17) Pyrene	19.44	202	2072729	76.063	ng/ul	100
18) Benzo(a)anthracene	21.20	228	1218765	54.440	ng/ul	99
19) Chrysene	21.25	228	1045819	38.343	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	1466839m	43.018	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	514689m	13.637	ng/ul	
23) Benzo(a)pyrene	23.31	252	1012443	30.522	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.58	276	765946	17.973	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	216423m	6.349	ng/ul	
26) Benzo(g,h,i)perylene	26.25	276	605226	15.495	ng/ul	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

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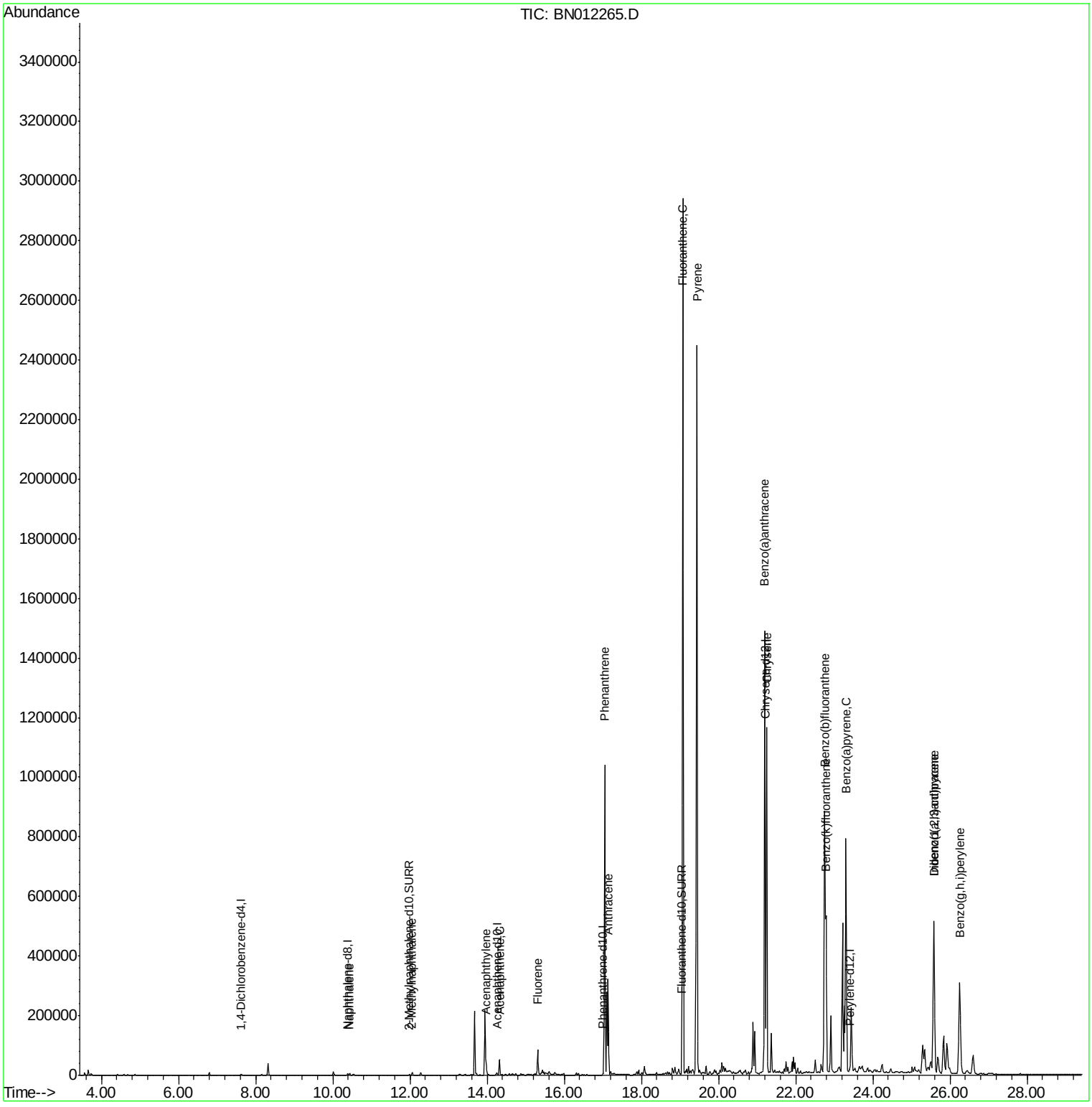
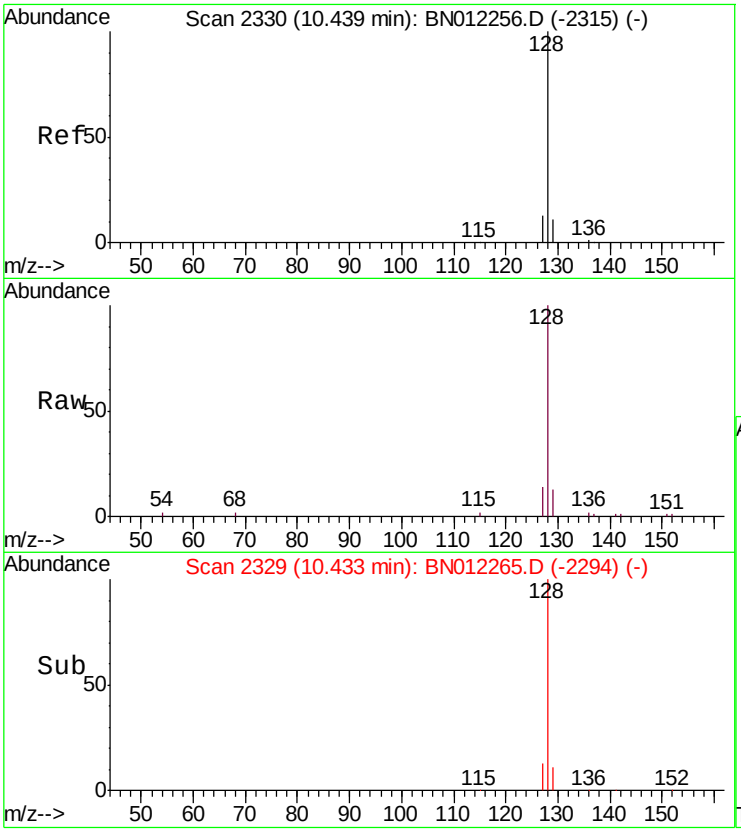
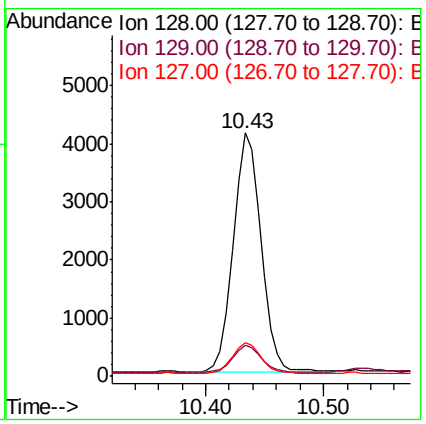




#3
Naphthalene
Concen: 0.394 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:128 Resp: 6826

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.3	15.5
127	13.7	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AK8

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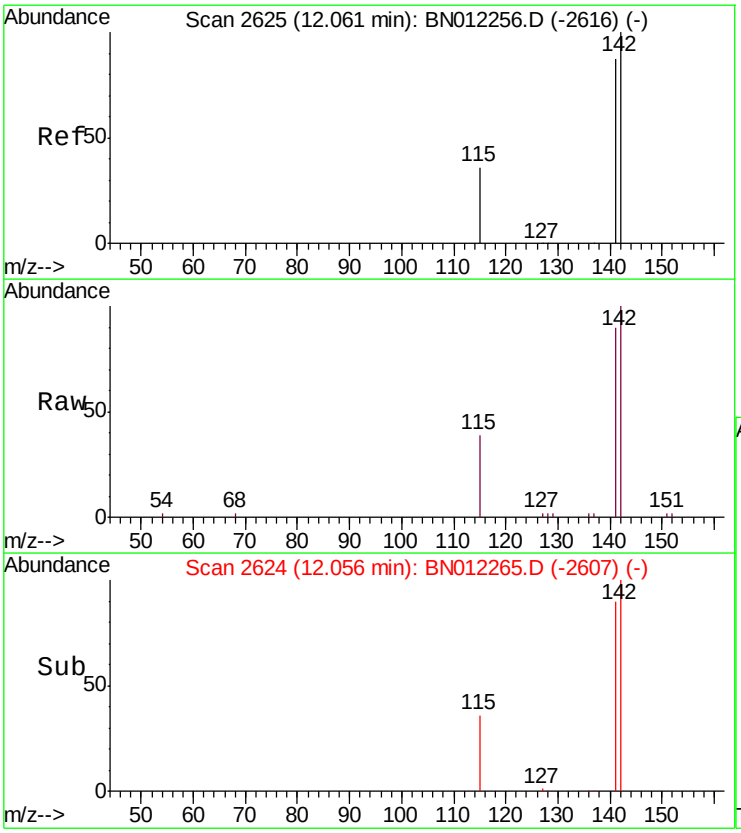
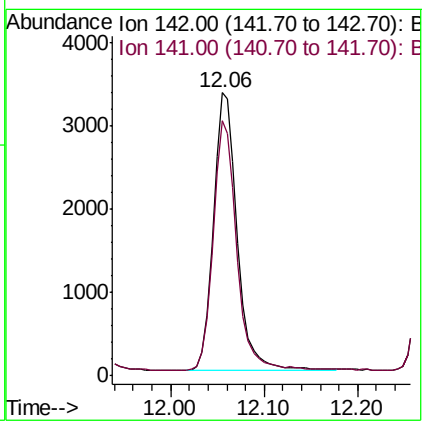
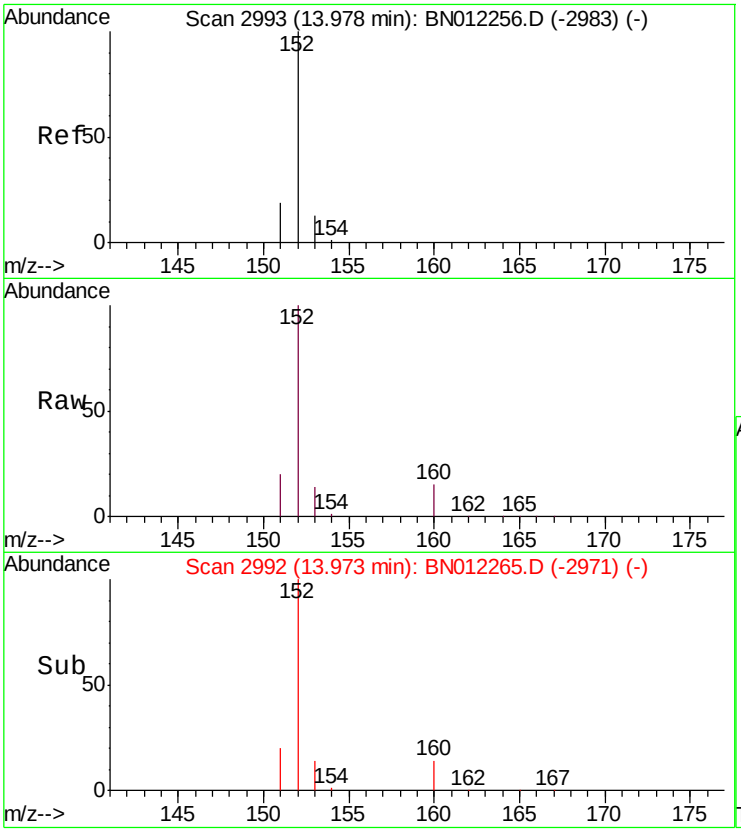


#5
2-Methylnaphthalene
Concen: 0.533 ng/ul
RT: 12.06 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:142 Resp: 5865

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5





#7
Acenaphthylene
Concen: 3.067 ng/ul
RT: 13.97 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:152 Resp: 47972

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	13.9	11.8	17.8

Instrument :
BNA_N
ClientSampleId :
C0AK8

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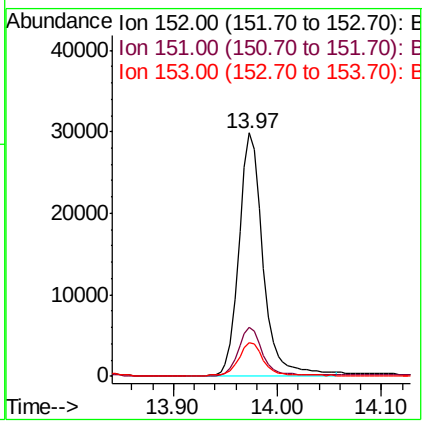
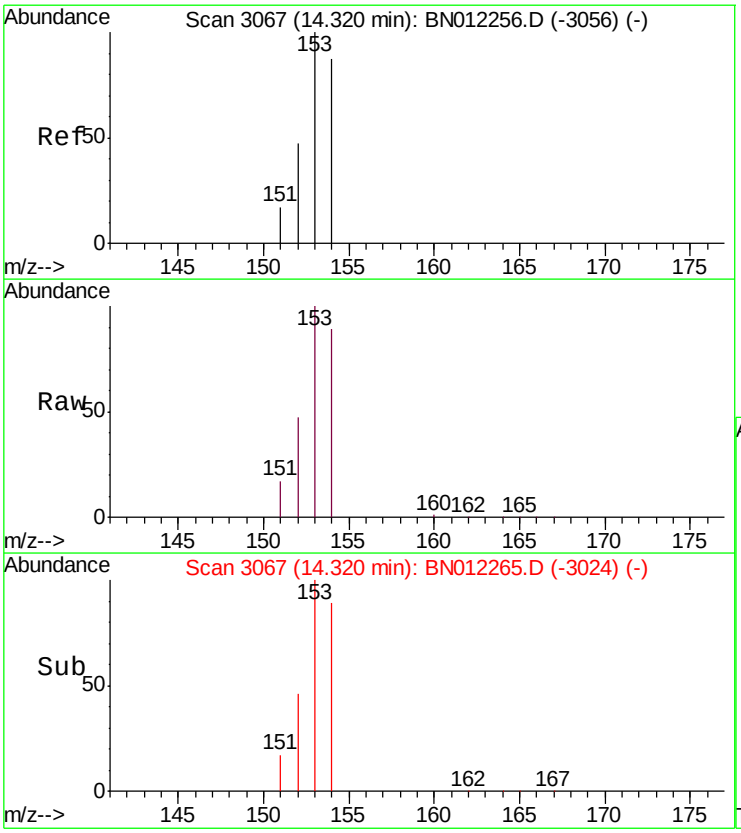
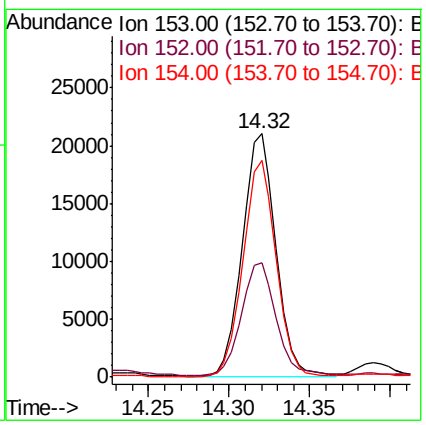


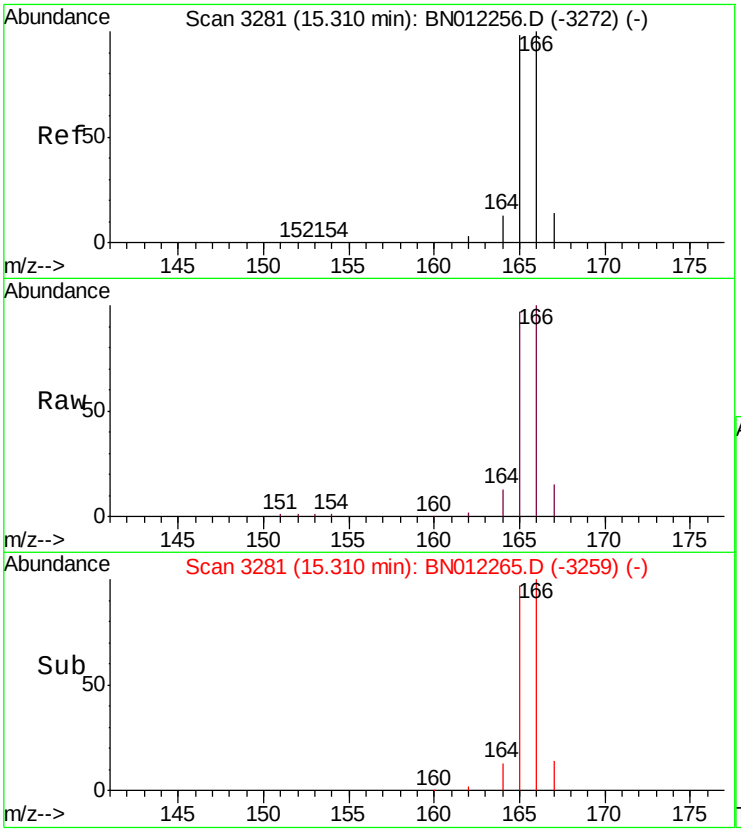


#8
Acenaphthene
Concen: 2.289 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:153 Resp: 30266

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.2	57.2
154	89.1	71.1	106.7

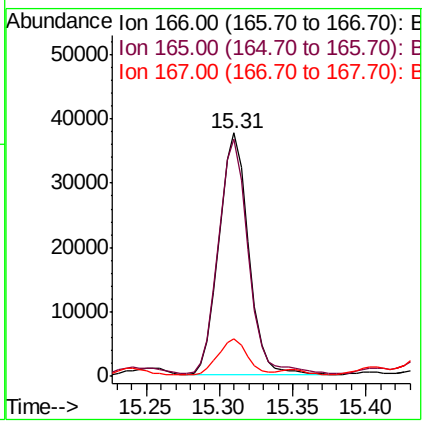




#9
Fluorene
Concen: 3.554 ng/ul
RT: 15.31 min Scan# 3281
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:166 Resp: 52306

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	118.0
167	15.2	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AK8

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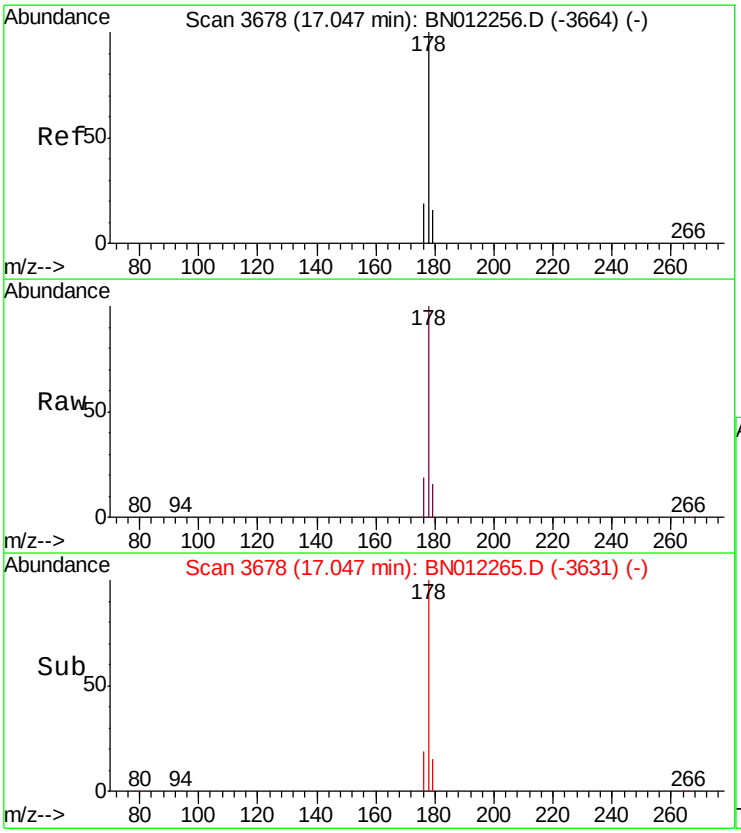
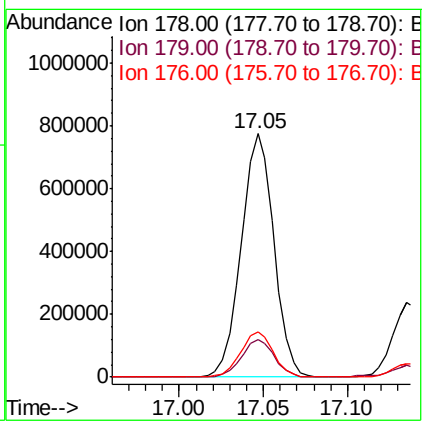
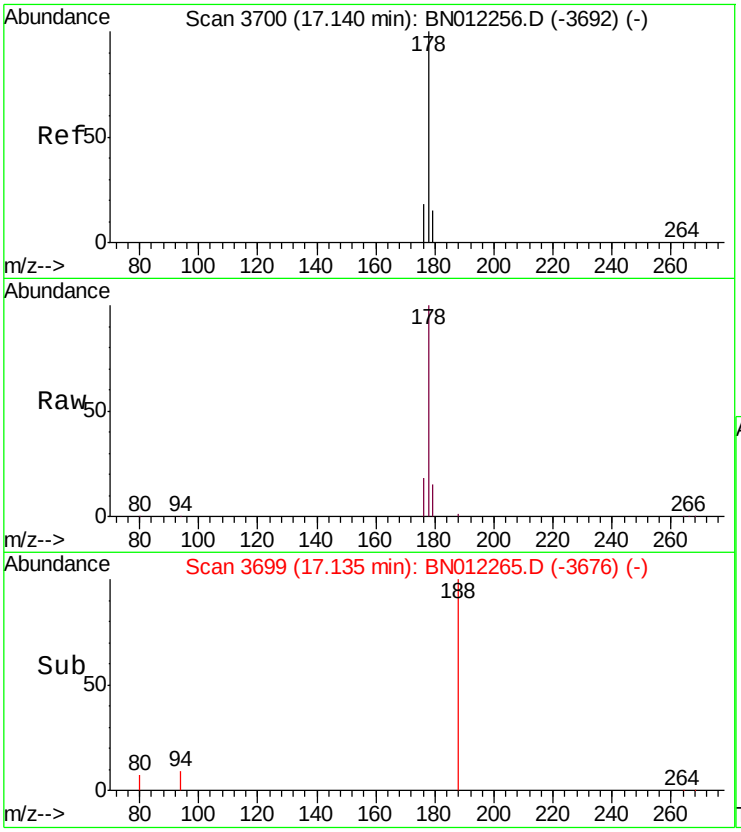


#12
Phenanthrene
Concen: 44.870 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:178 Resp: 1045708

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.6	15.7	23.5

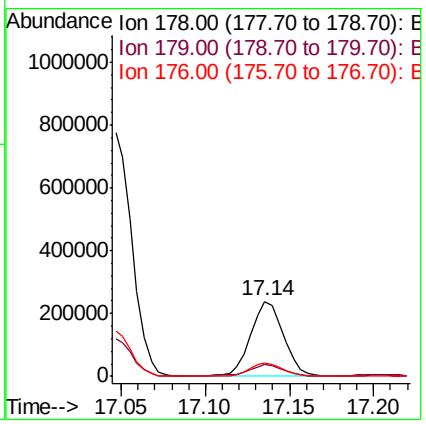




#13
Anthracene
Concen: 15.968 ng/ul
RT: 17.14 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:178 Resp: 319217

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.9	20.9
176	18.1	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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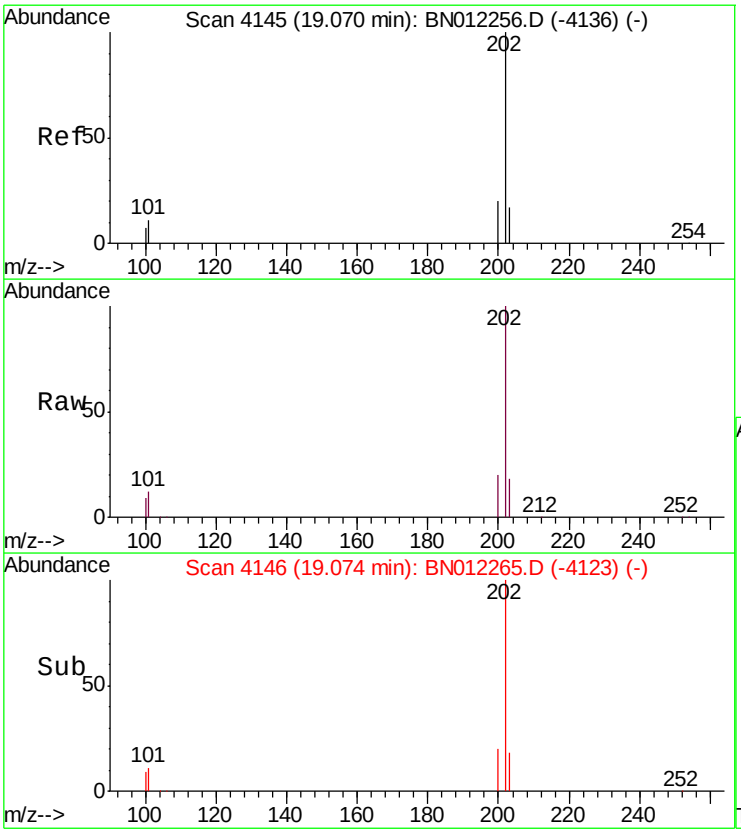
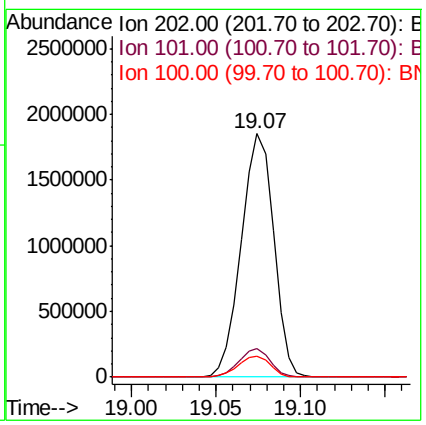
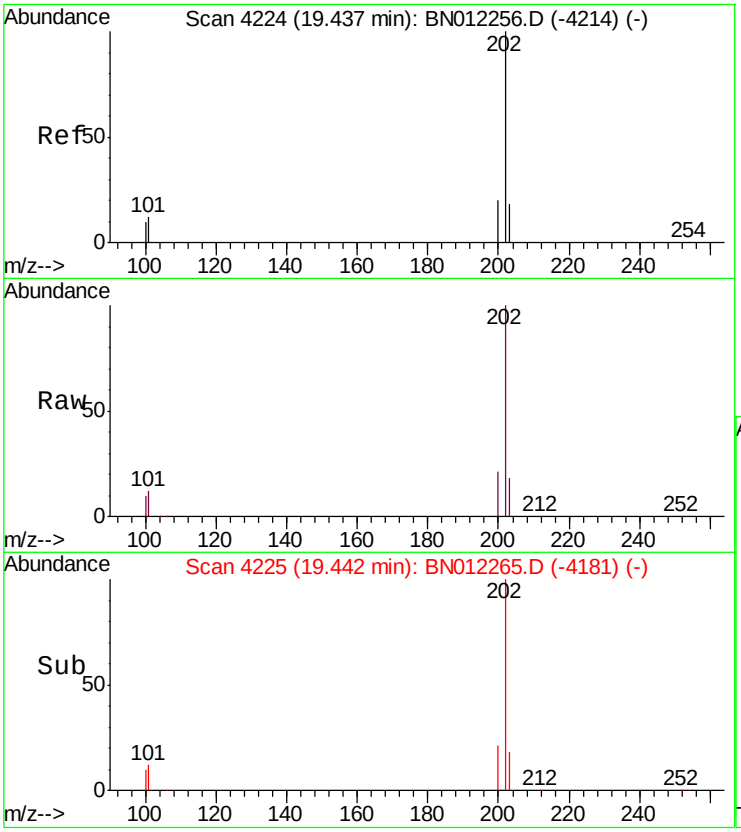


#15
Fluoranthene
Concen: 90.315 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:202 Resp: 2461185

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
100	8.7	0.0	28.7

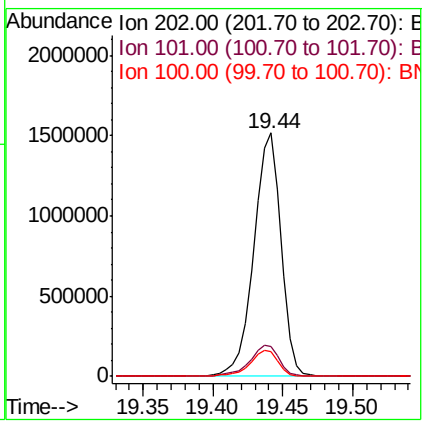




#17
Pyrene
Concen: 76.063 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:202 Resp: 2072729

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.9	14.9
100	10.1	8.0	12.0



Instrument :
BNA_N
ClientSampleId :
C0AK8

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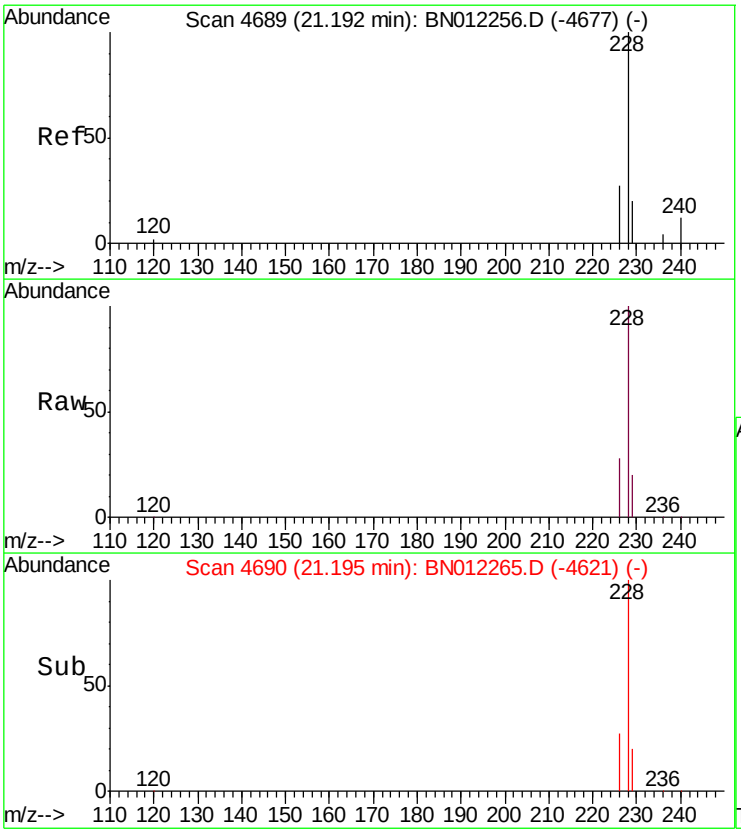
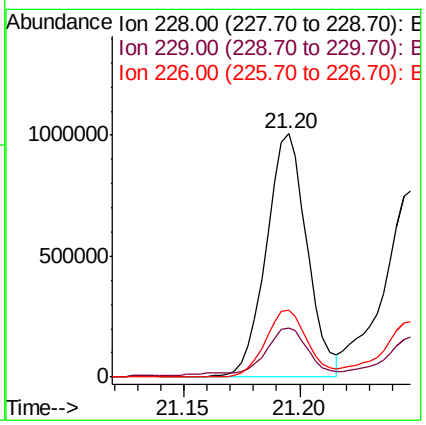
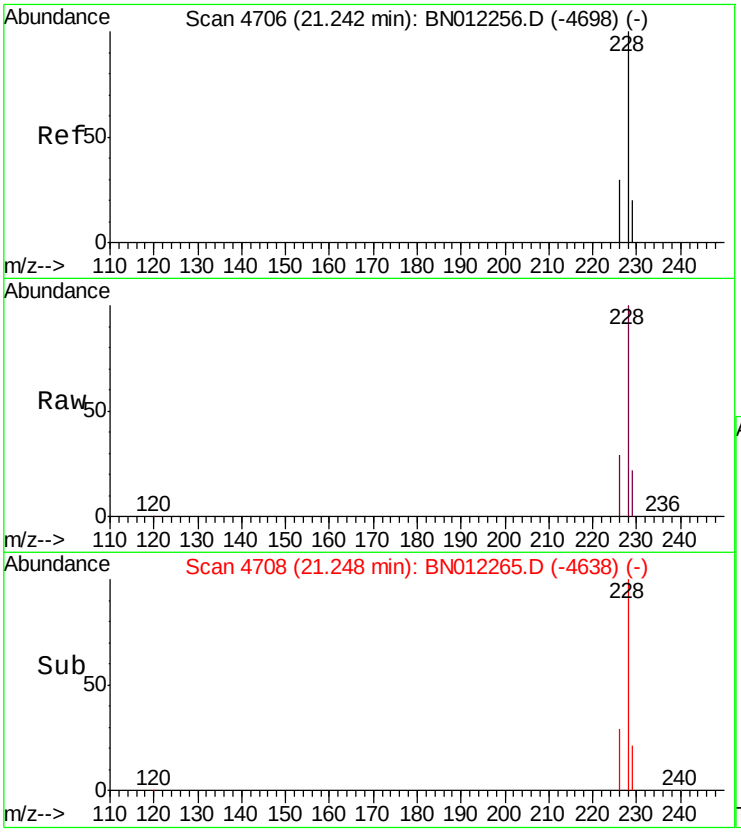


#18
Benzo(a)anthracene
Concen: 54.440 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:228 Resp: 1218765

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	27.6	22.6	33.8

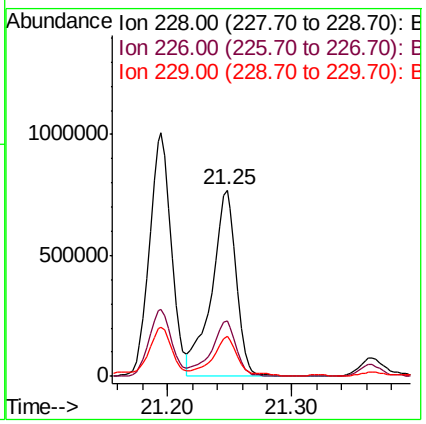




#19
Chrysene
Concen: 38.343 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:228 Resp: 1045819

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	21.6	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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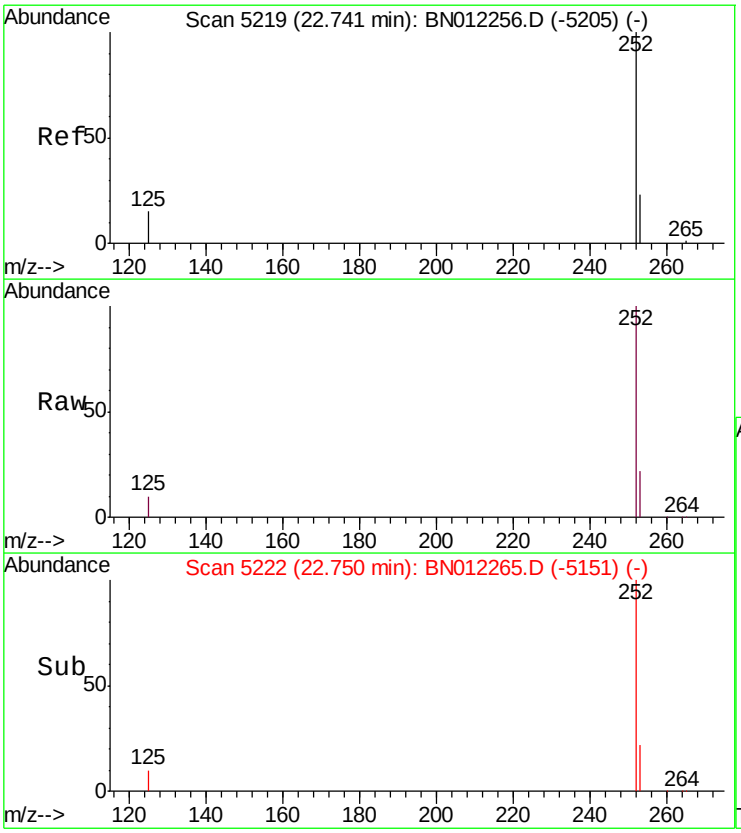
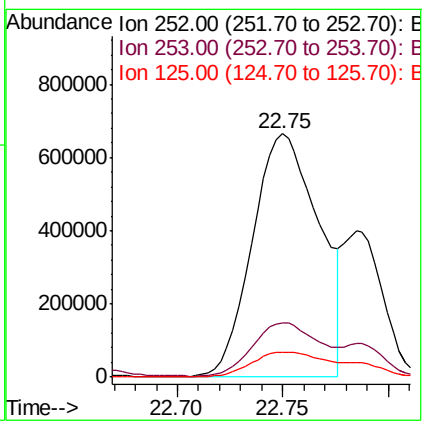
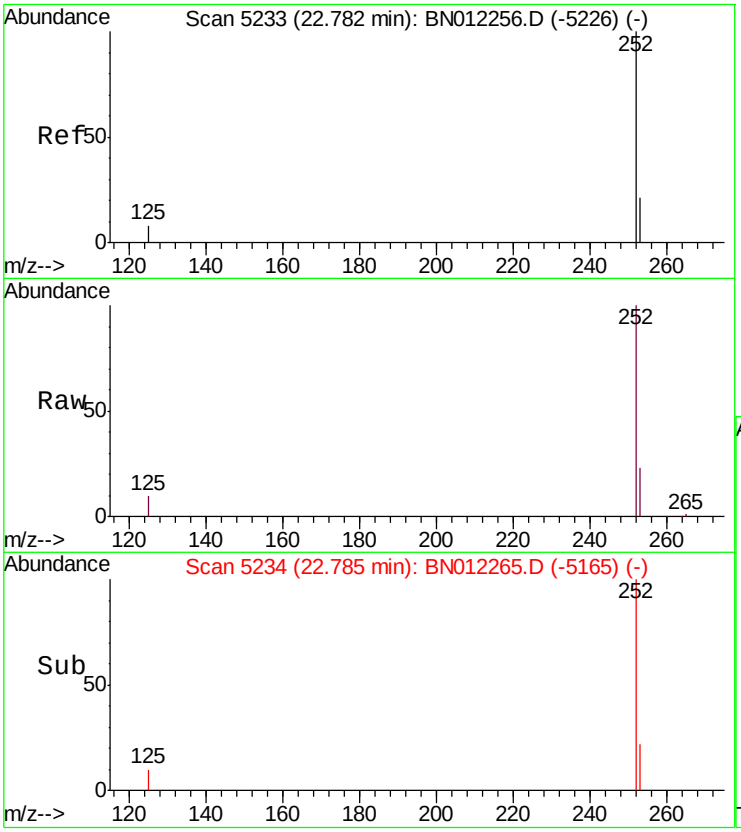


#21
Benzo(b)fluoranthene
Concen: 43.018 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. 0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:252 Resp: 1466839

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	61.6
125	10.3	0.0	36.8





#22
Benzo(k)fluoranthene
Concen: 13.637 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. 0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:252 Resp: 514689

Ion	Ratio	Lower	Upper
252	100		
253	22.9	24.4	36.6#
125	10.3	12.9	19.3#

Instrument :
BNA_N
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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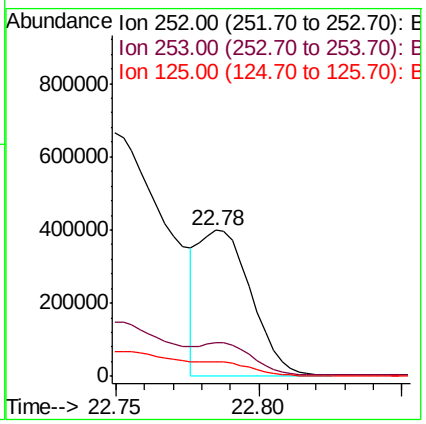
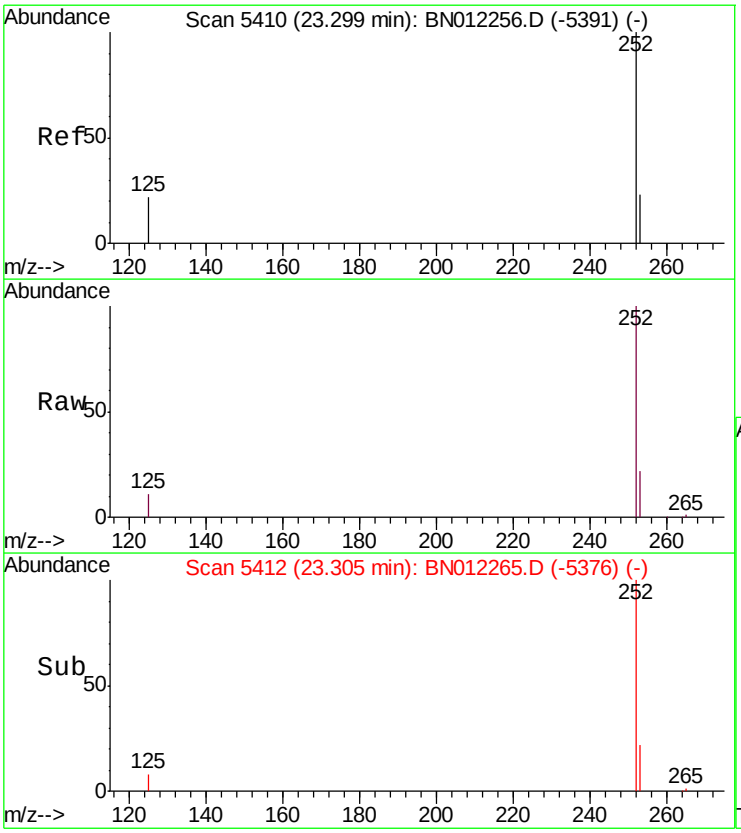
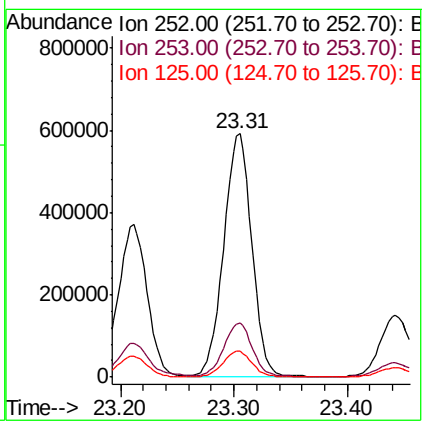


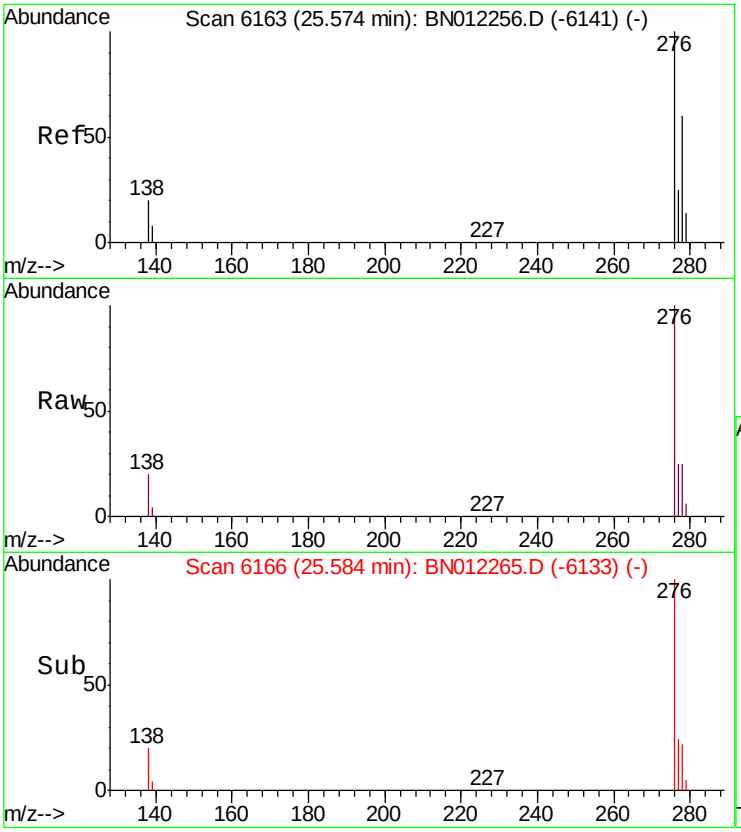


#23
Benzo(a)pyrene
Concen: 30.522 ng/ul
RT: 23.31 min Scan# 5412
Delta R.T. 0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:252 Resp: 1012443

Ion	Ratio	Lower	Upper
252	100		
253	22.4	27.0	40.4#
125	10.6	18.8	28.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 17.973 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. 0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:276 Resp: 765946

Ion	Ratio	Lower	Upper
276	100		
138	20.5	0.0	0.0#
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AK8

Manual Integrations APPROVED
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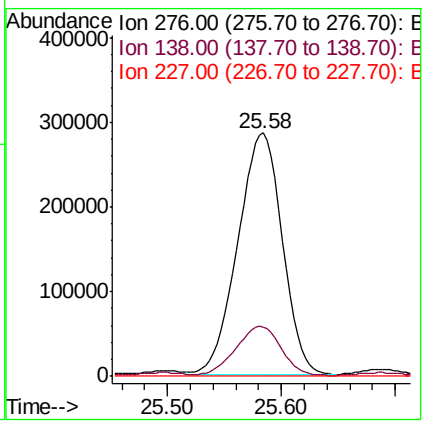
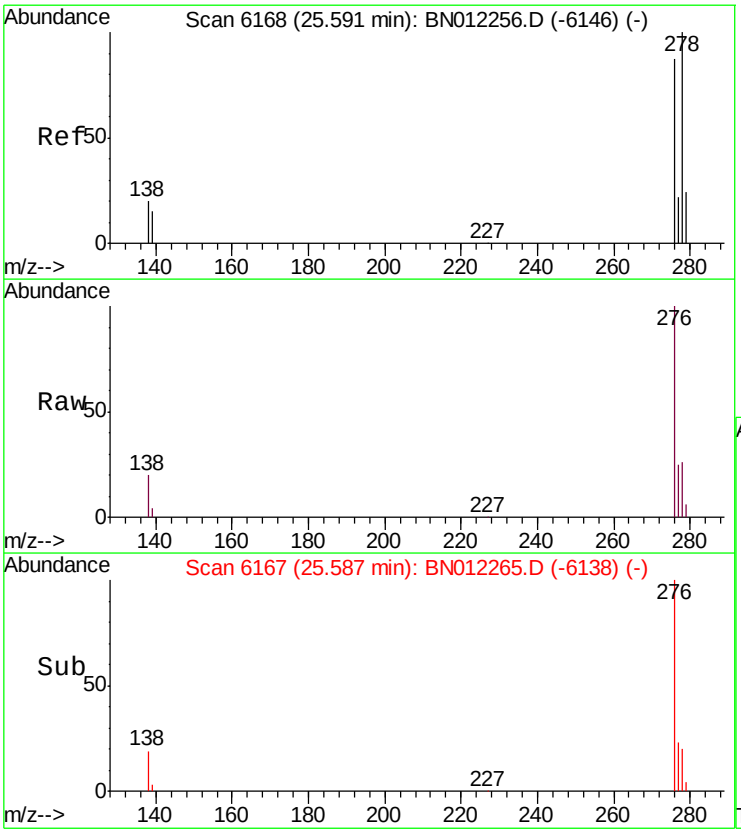
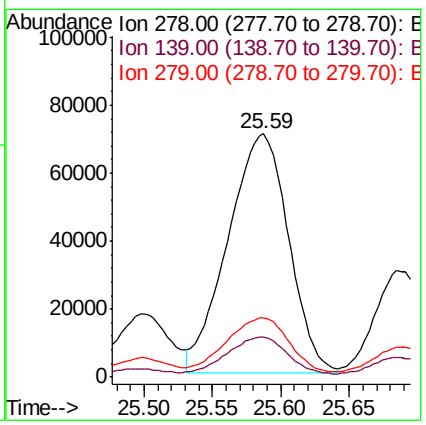


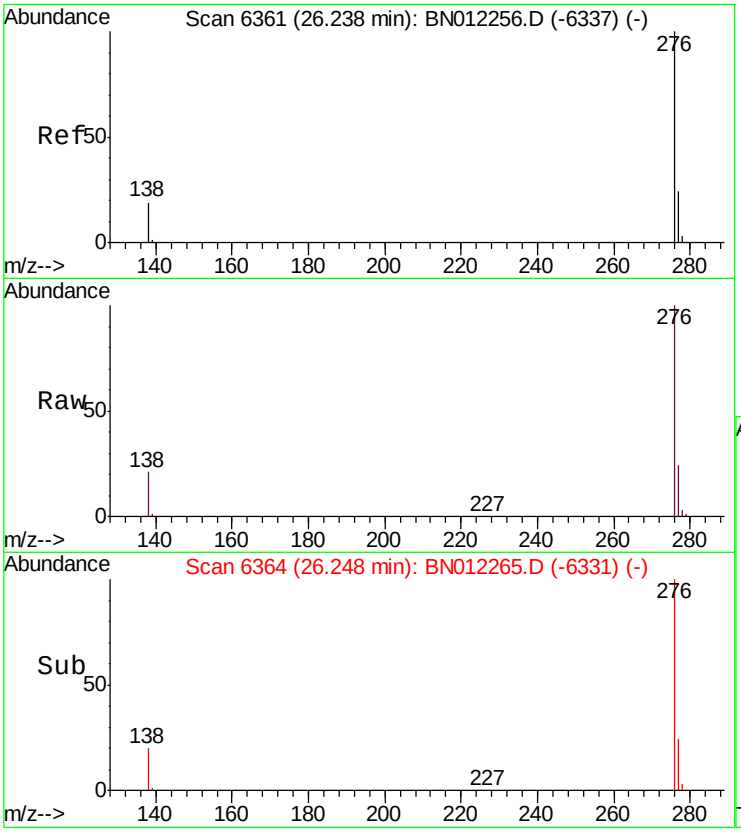


#25
Dibenzo(a,h)anthracene
Concen: 6.349 ng/ul m
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:278 Resp: 216423

Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.7	23.5
279	24.3	26.0	39.0#

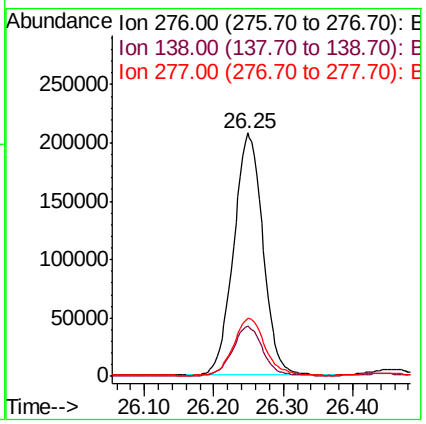




#26
Benzo(g,h,i)perylene
Concen: 15.495 ng/ul
RT: 26.25 min Scan# 6364
Delta R.T. 0.01 min
Lab File: BN012265.D
Acq: 16 Oct 2020 14:01

Tgt Ion:276 Resp: 605226

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.1	25.7
277	24.0	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
C0AK8

Manual Integrations APPROVED
mohammad
10/19/2020 1:21:26 PM