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

Quantitation Report (QT Reviewed)

Data File : BN012266.D
Acq On : 16 Oct 2020 14:37
Operator : CG/JU
Sample : L4201-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AL1

Manual Integrations APPROVED
mohammad
10/19/2020 1:21:31 PM

Quant Time: Oct 16 15:07:44 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	1447	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	5969	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3557	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7430	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	5929	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	5922	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1878	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4442	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	7980	0.463	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	1870	0.171	ng/ul	100
7) Acenaphthylene	13.97	152	8718	0.565	ng/ul	98
8) Acenaphthene	14.32	153	4281	0.328	ng/ul	99
9) Fluorene	15.31	166	6475	0.446	ng/ul	99
11) Pentachlorophenol	16.66	266	118	0.055	ng/ul	97
12) Phenanthrene	17.05	178	120528	5.089	ng/ul	97
13) Anthracene	17.14	178	25550	1.258	ng/ul	98
15) Fluoranthene	19.07	202	234042	8.451	ng/ul	99
17) Pyrene	19.44	202	188081	7.036	ng/ul	99
18) Benzo(a)anthracene	21.19	228	109742	4.997	ng/ul	98
19) Chrysene	21.24	228	106588	3.984	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	149262m	6.240	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	60046m	2.268	ng/ul	
23) Benzo(a)pyrene	23.30	252	97138	4.174	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.57	276	71953	2.407	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	19487	0.815	ng/ul#	93
26) Benzo(g,h,i)perylene	26.24	276	63249	2.308	ng/ul	98

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

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

Quantitation Report (QT Reviewed)

Data File : BN012266.D
Acq On : 16 Oct 2020 14:37
Operator : CG/JU
Sample : L4201-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Oct 16 15:07:44 2020
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BNA_N
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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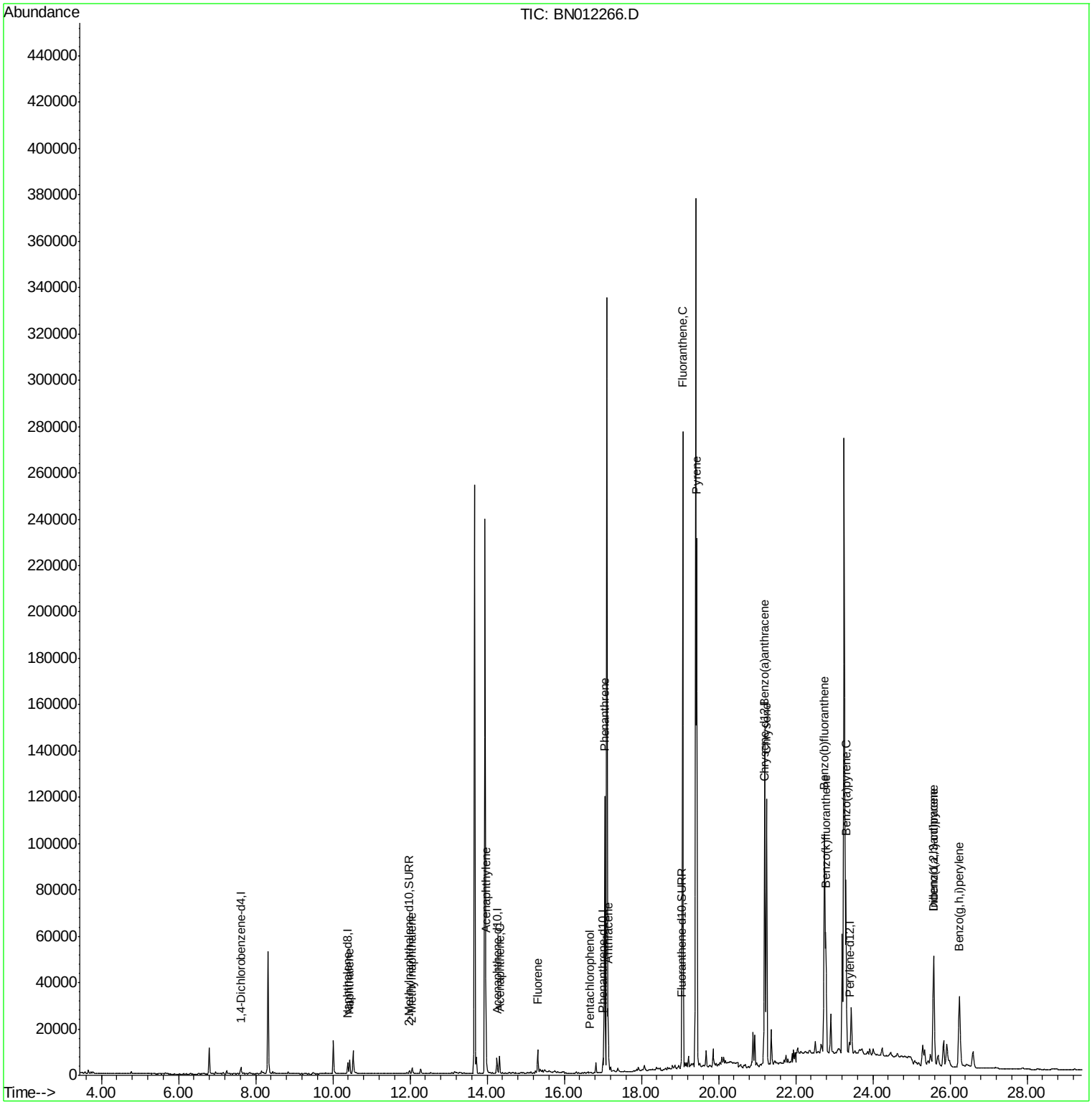
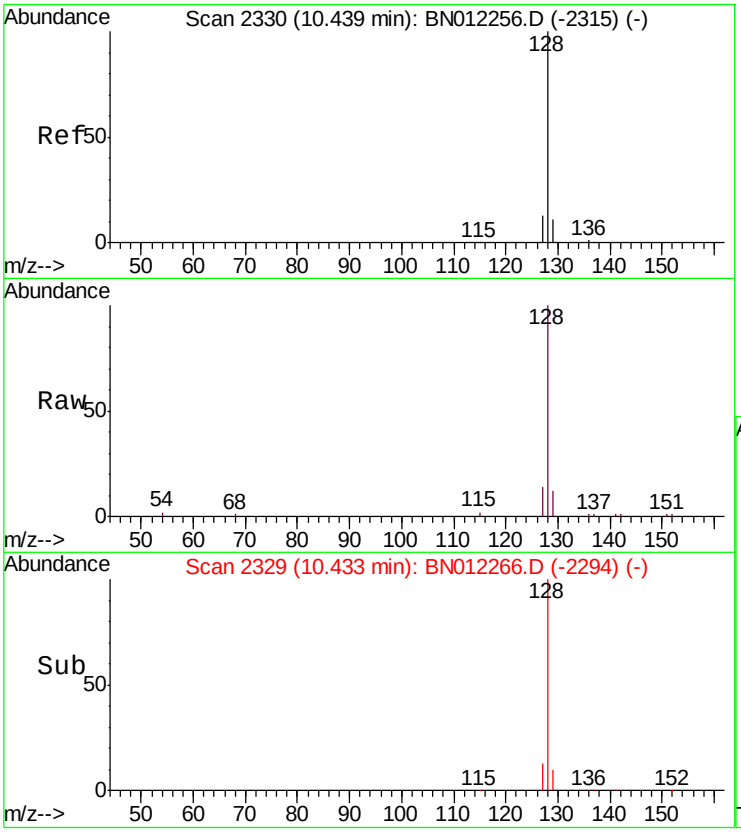
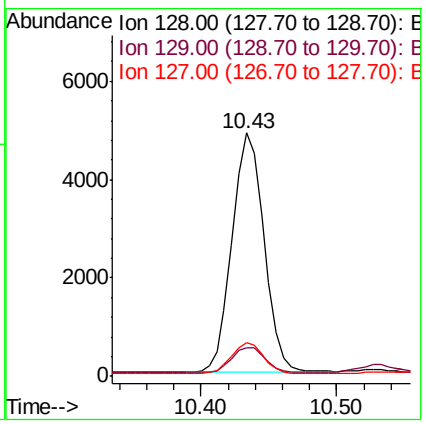




#3
Naphthalene
Concen: 0.463 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:128 Resp: 7980

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.3	15.5
127	14.1	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AL1

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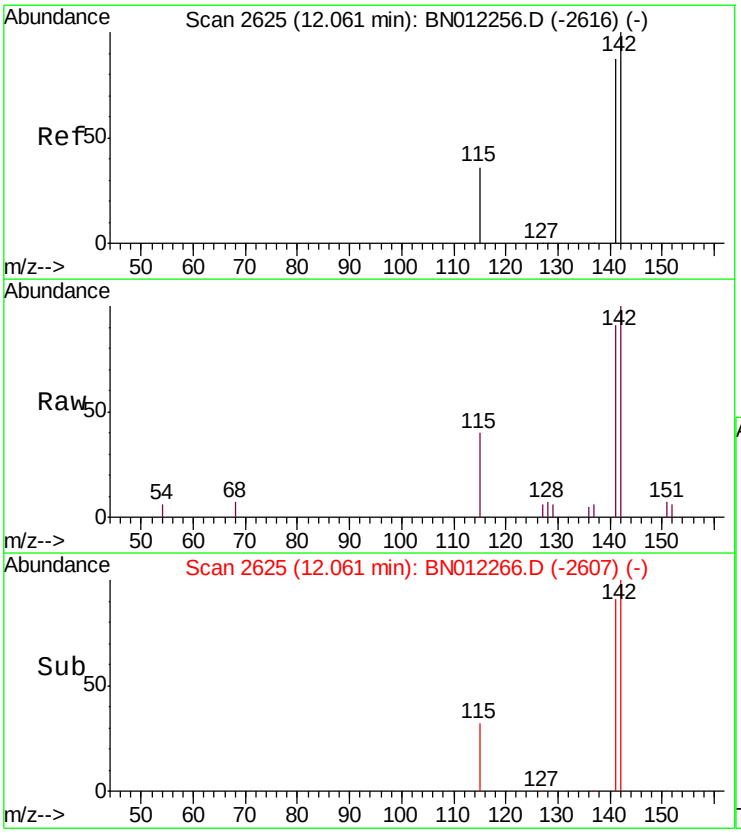
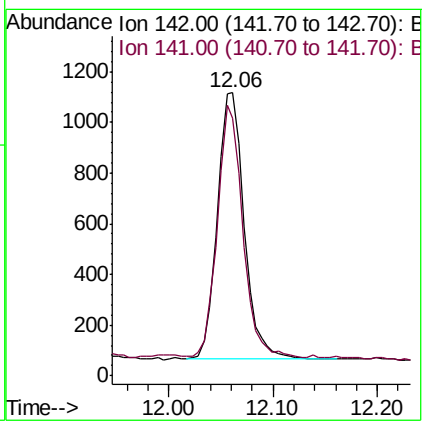
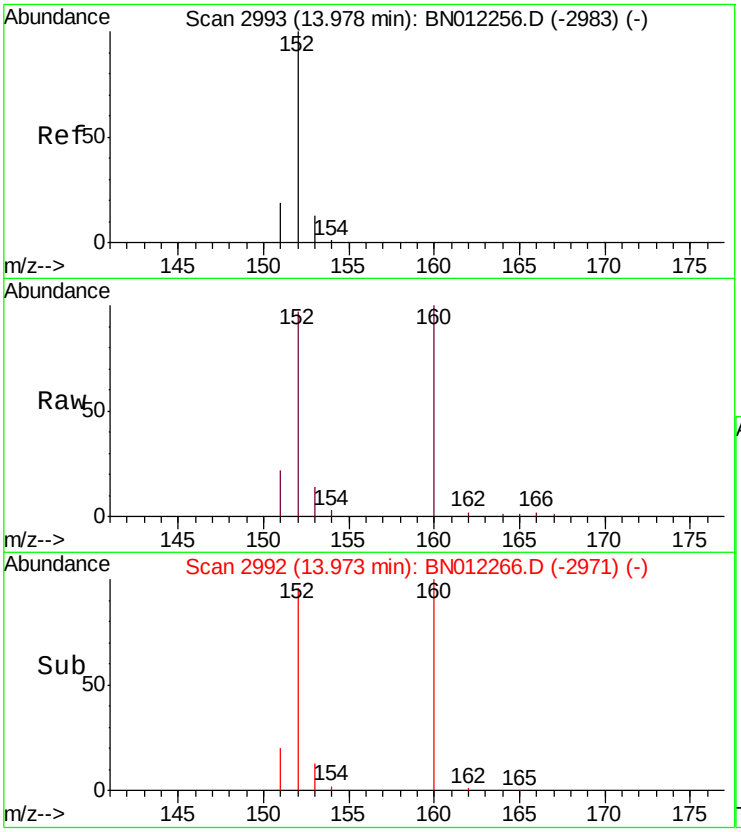


#5
2-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:142 Resp: 1870

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5

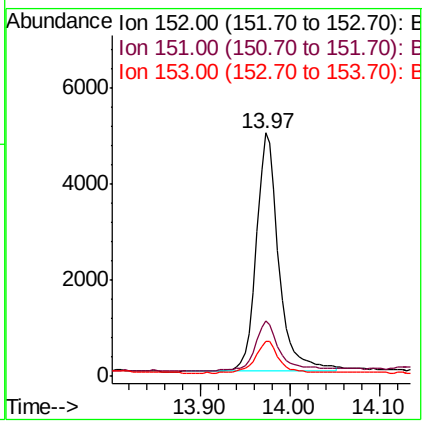




#7
Acenaphthylene
Concen: 0.565 ng/ul
RT: 13.97 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:152 Resp: 8718

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.7	25.1
153	14.4	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
C0AL1

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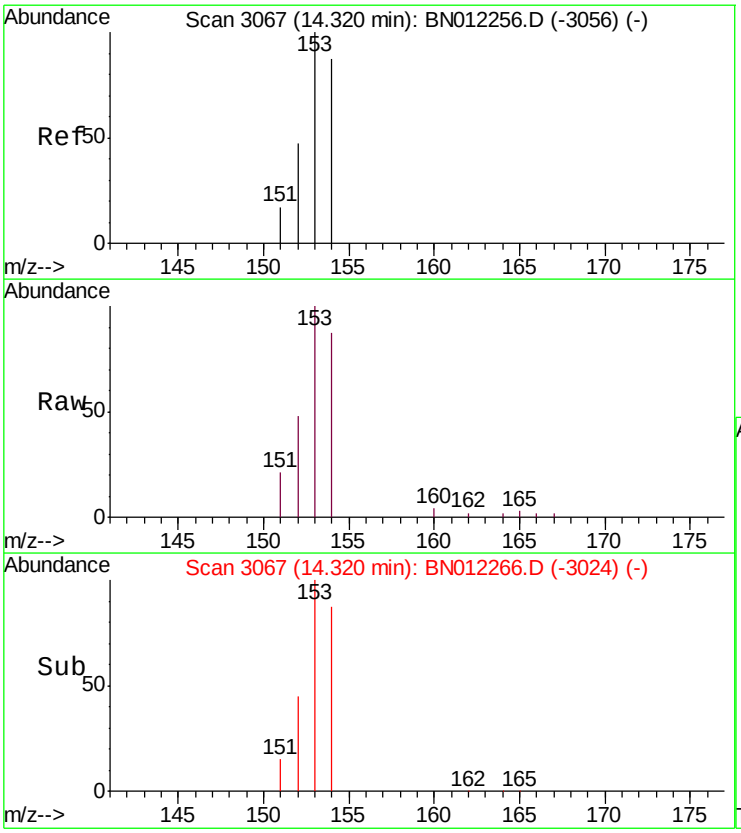
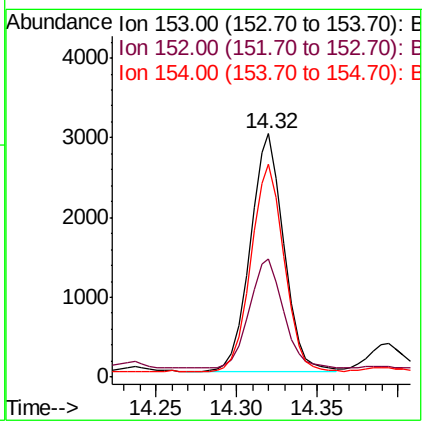
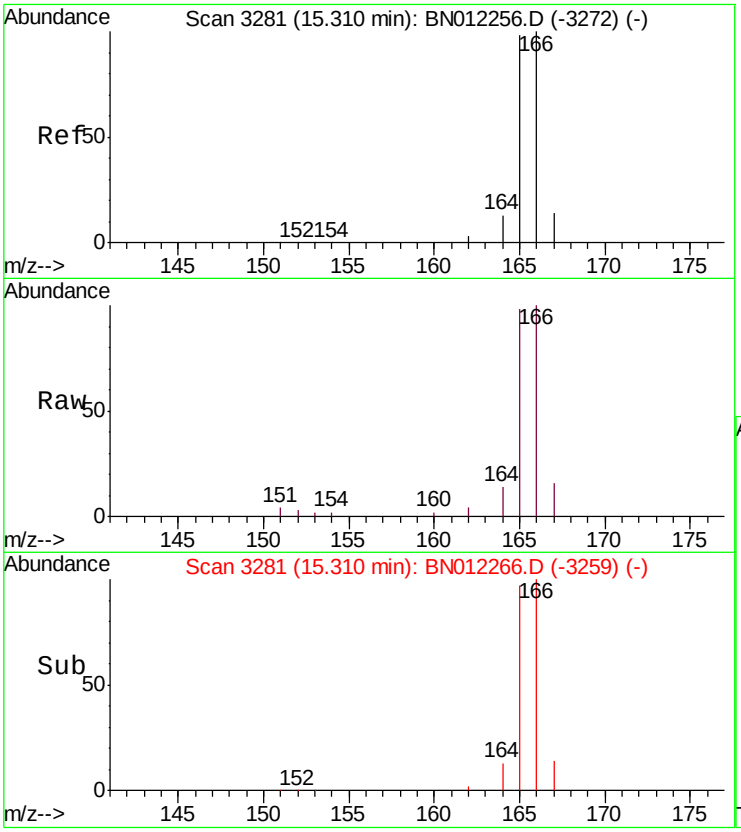


#8
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:153 Resp: 4281

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.2	57.2
154	87.4	71.1	106.7

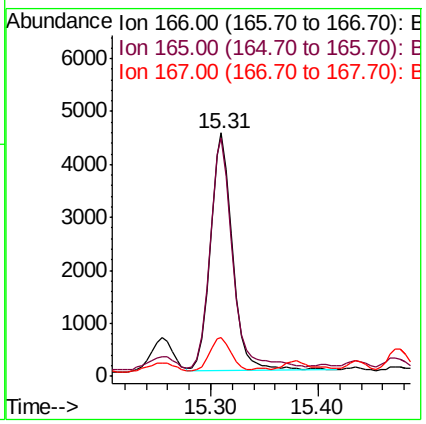




#9
Fluorene
Concen: 0.446 ng/ul
RT: 15.31 min Scan# 3281
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:166 Resp: 6475

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	16.1	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AL1

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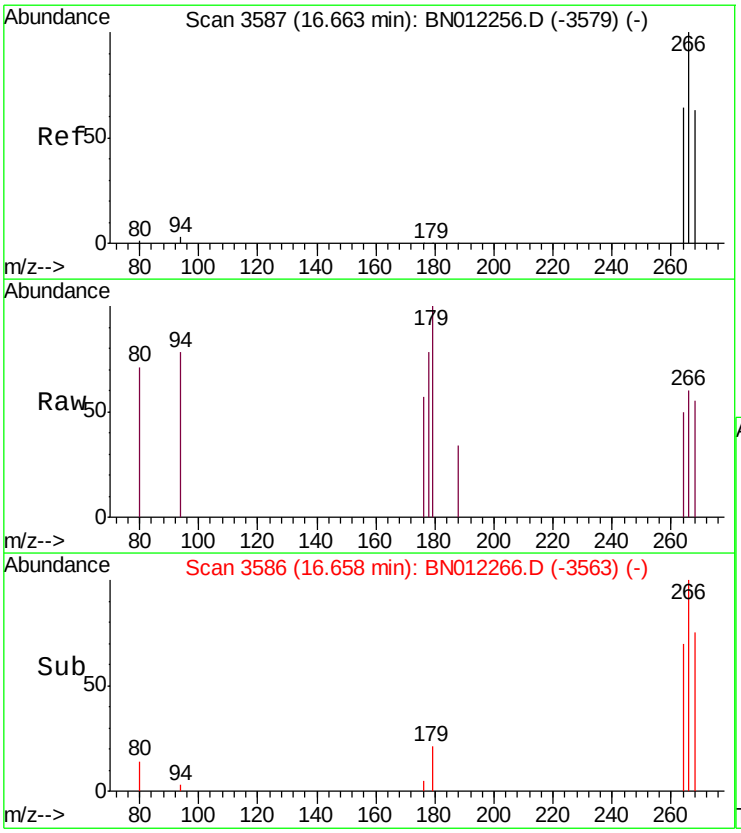
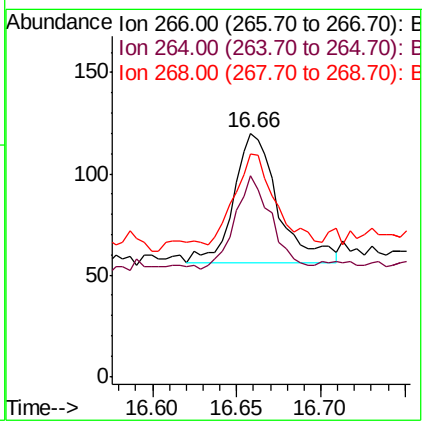
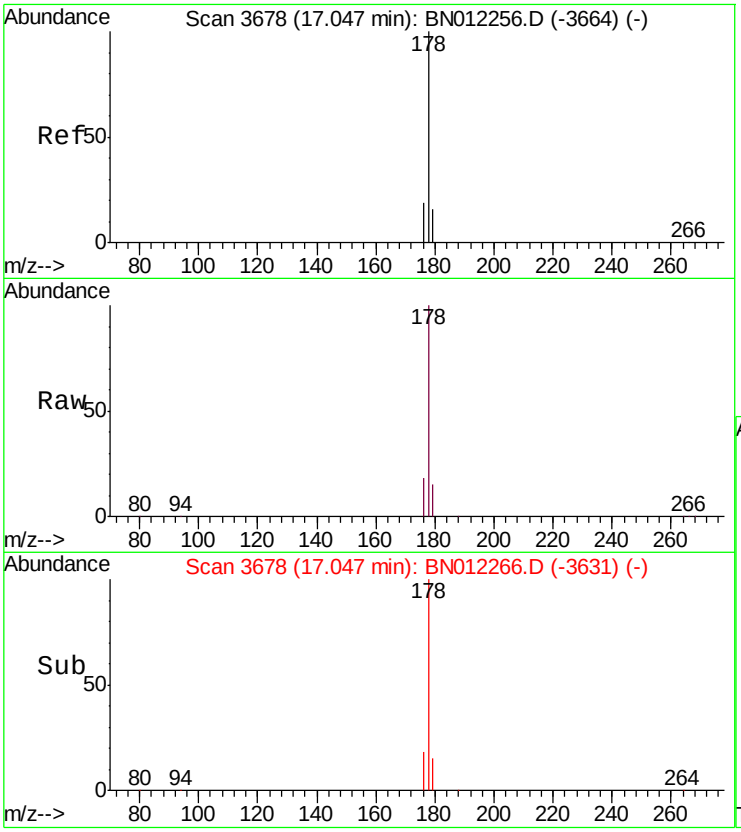


#11
Pentachlorophenol
Concen: 0.055 ng/ul
RT: 16.66 min Scan# 3586
Delta R.T. -0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:266 Resp: 118

Ion	Ratio	Lower	Upper
266	100		
264	58.5	50.3	75.5
268	65.3	52.4	78.6

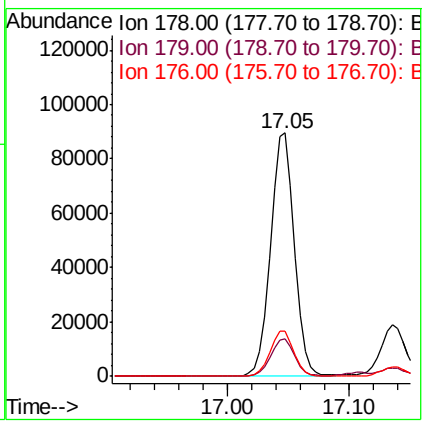




#12
Phenanthrene
Concen: 5.089 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:178 Resp: 120528

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.4	15.7	23.5



Instrument :
BNA_N
ClientSampleId :
C0AL1

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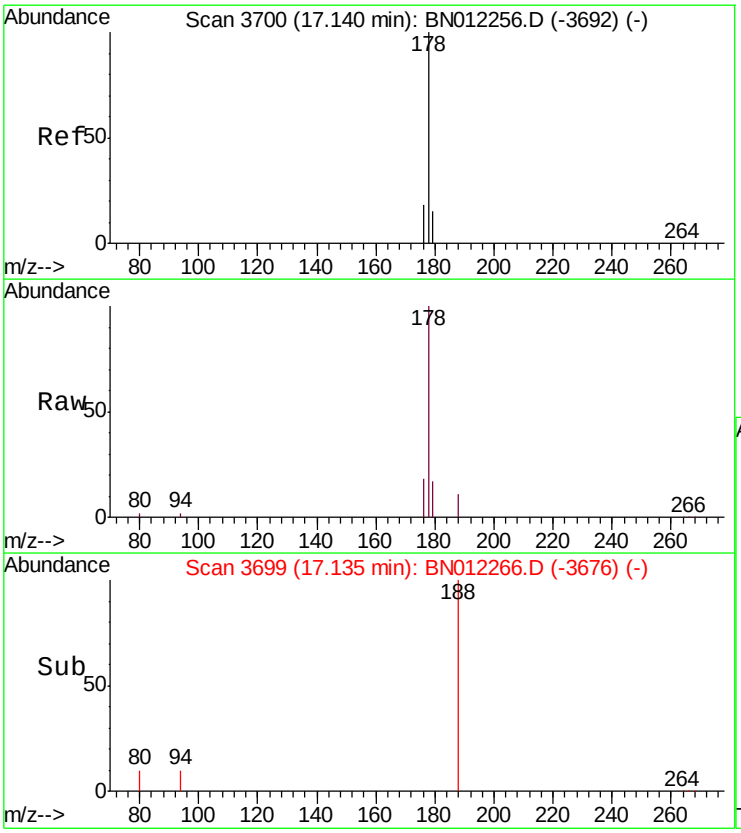
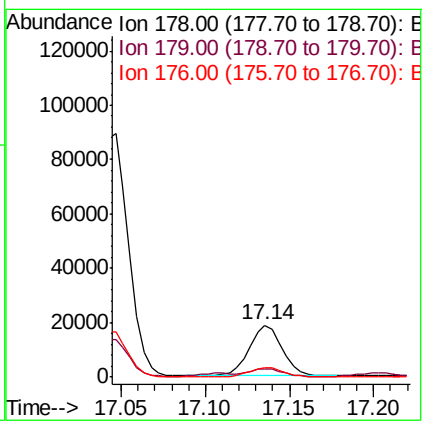
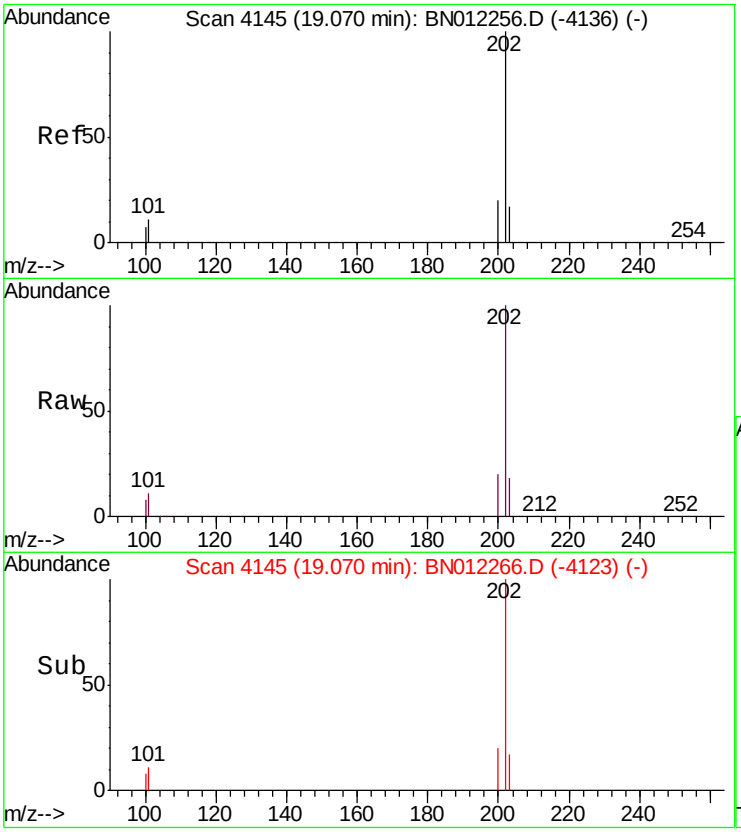


#13
Anthracene
Concen: 1.258 ng/ul
RT: 17.14 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:178 Resp: 25550

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.9	20.9
176	18.4	15.4	23.0

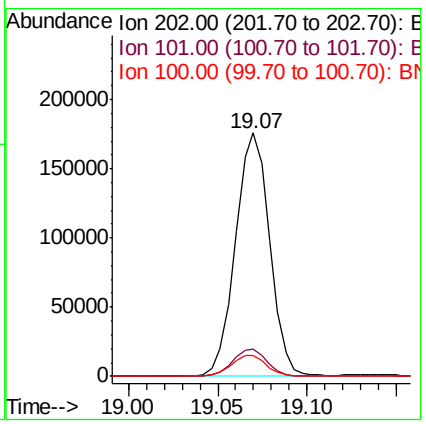




#15
Fluoranthene
Concen: 8.451 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:202 Resp: 234042

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
100	8.4	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AL1

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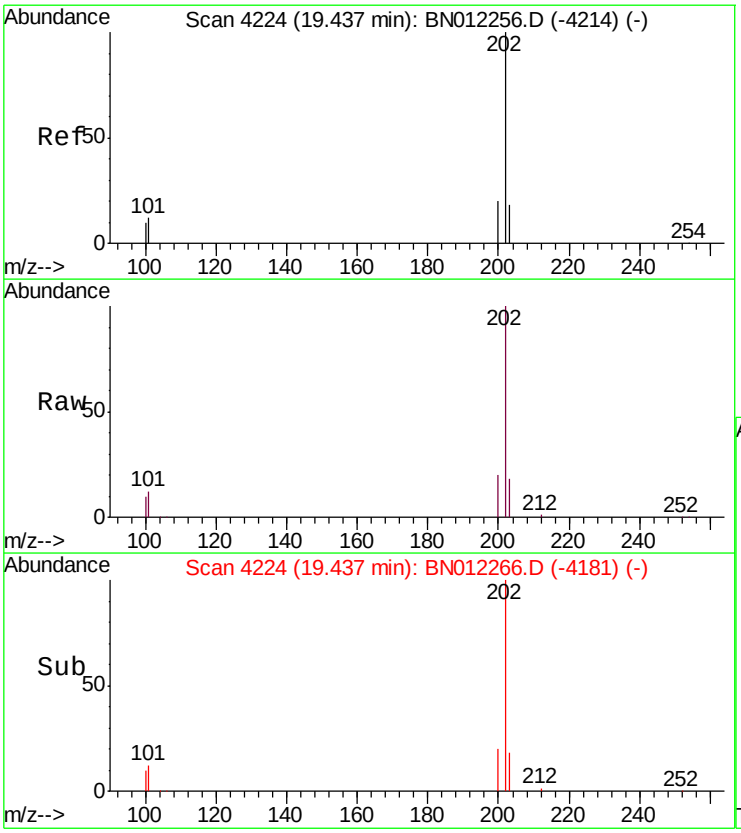
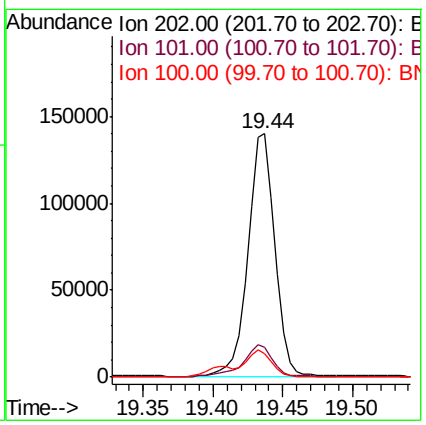
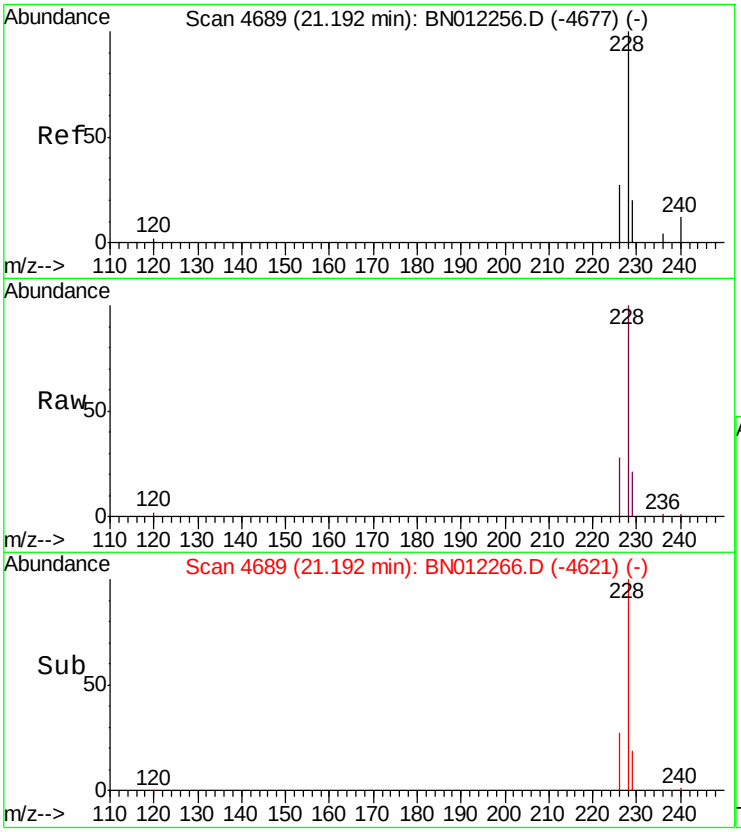


#17
Pyrene
Concen: 7.036 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:202 Resp: 188081

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.9	14.9
100	9.8	8.0	12.0

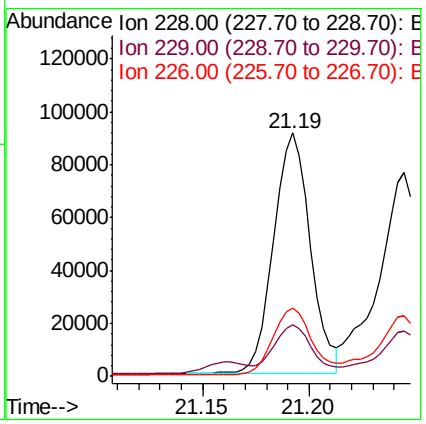




#18
Benzo(a)anthracene
Concen: 4.997 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:228 Resp: 109742

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	27.9	22.6	33.8



Instrument :
BNA_N
ClientSampleId :
C0AL1

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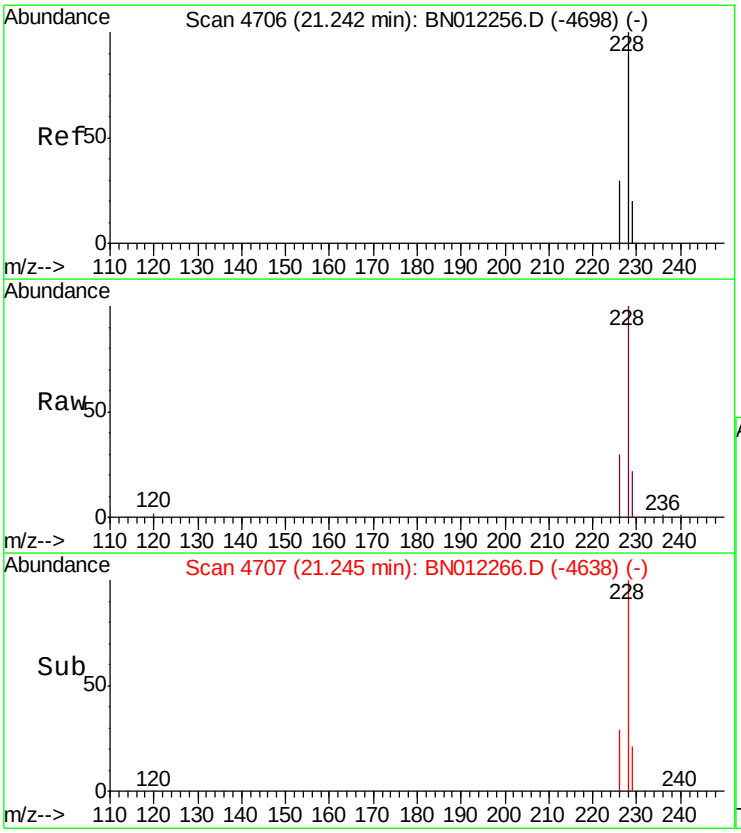
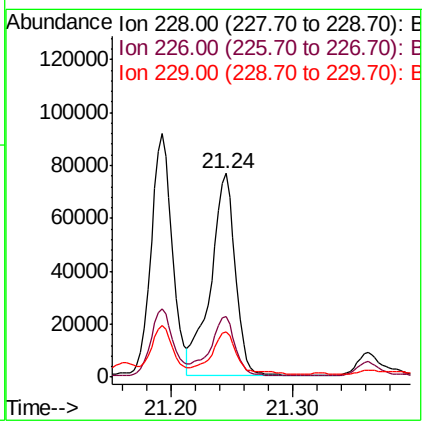
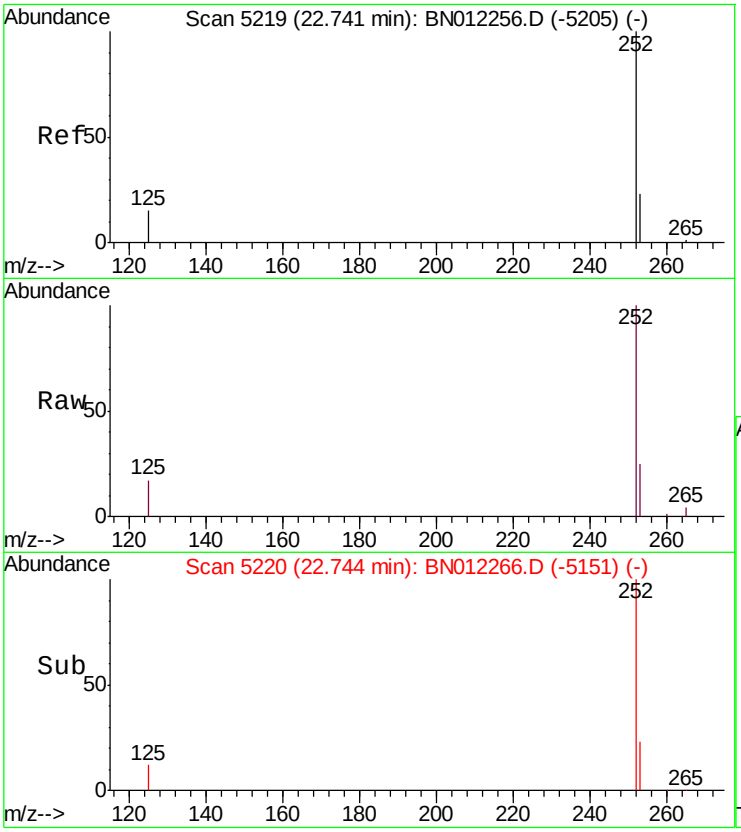


#19
Chrysene
Concen: 3.984 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:228 Resp: 106588

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	22.5	17.0	25.6

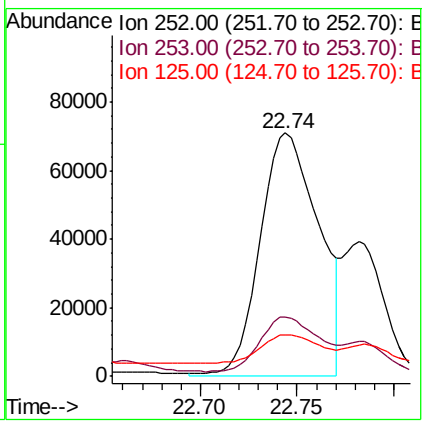




#21
Benzo(b)fluoranthene
Concen: 6.240 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:252 Resp: 149262

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	61.6
125	17.2	0.0	36.8



Instrument :
BNA_N
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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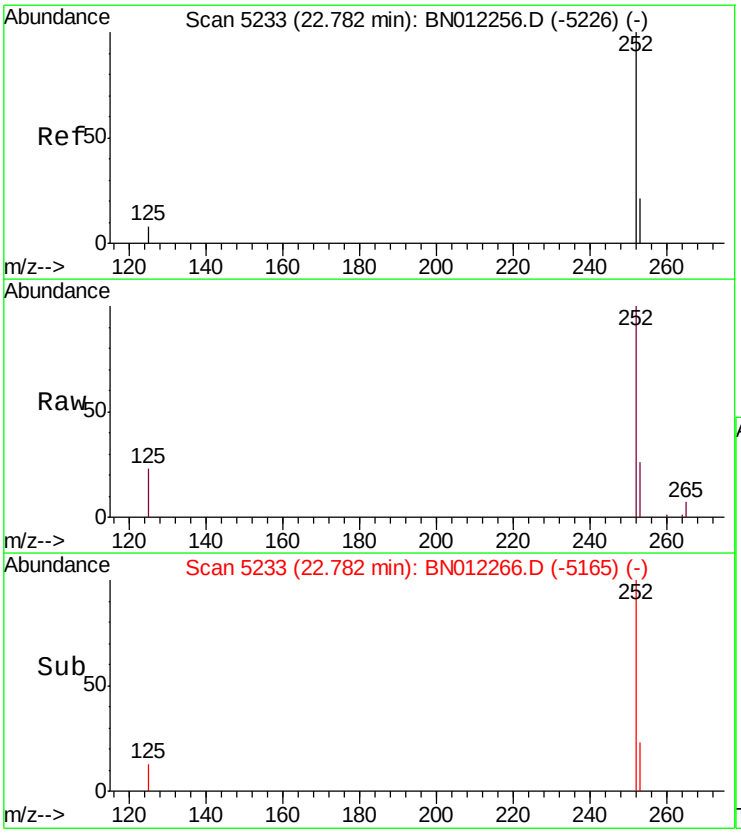
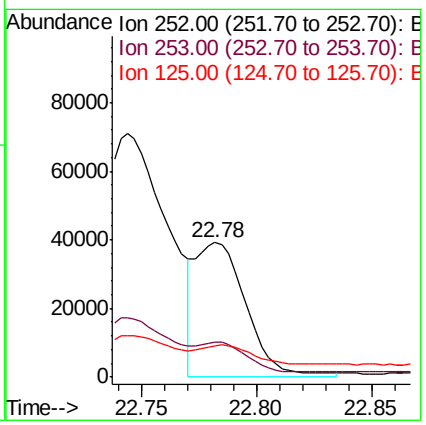
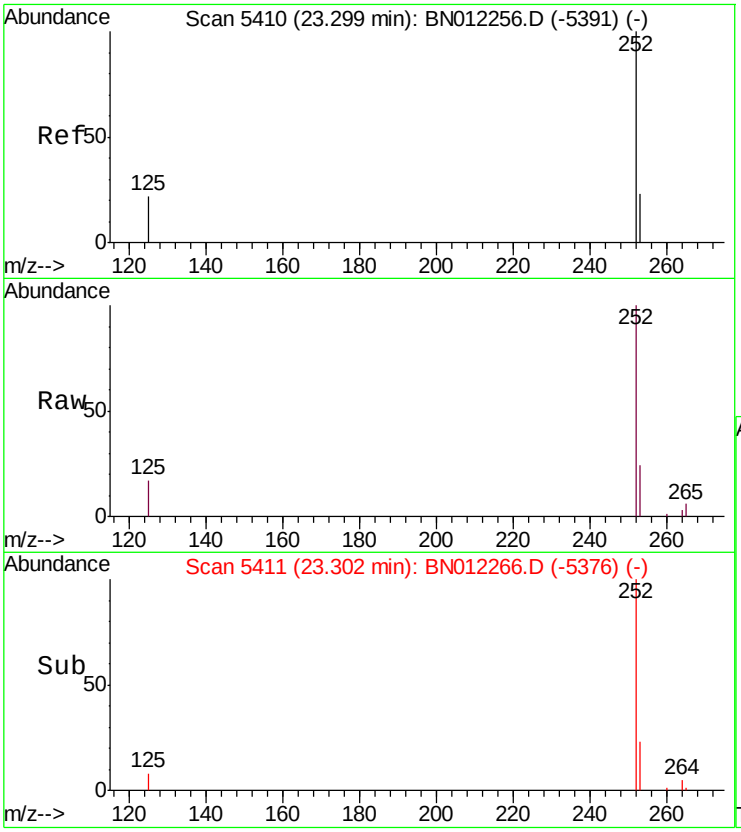


#22
Benzo(k)fluoranthene
Concen: 2.268 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:252 Resp: 60046

Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.4	36.6
125	23.1	12.9	19.3#





#23
Benzo(a)pyrene
Concen: 4.174 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Instrument :
BNA_N
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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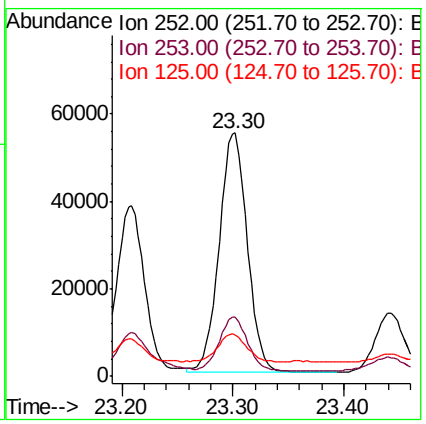
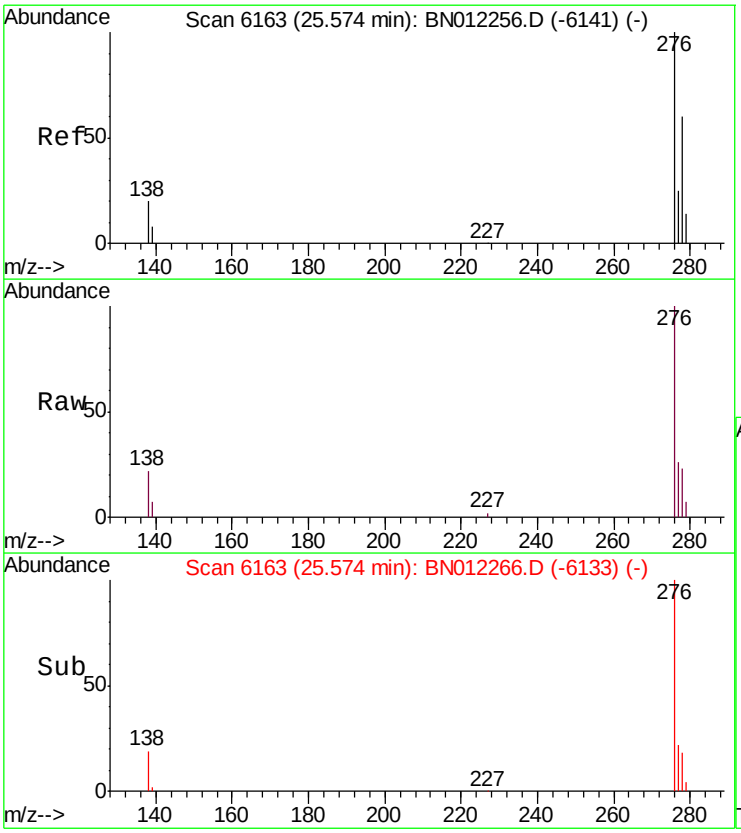
10/19/2020 1:21:31 PM

Tgt Ion:252 Resp: 97138

Ion	Ratio	Lower	Upper
252	100		
253	24.3	27.0	40.4#
125	17.2	18.8	28.2#

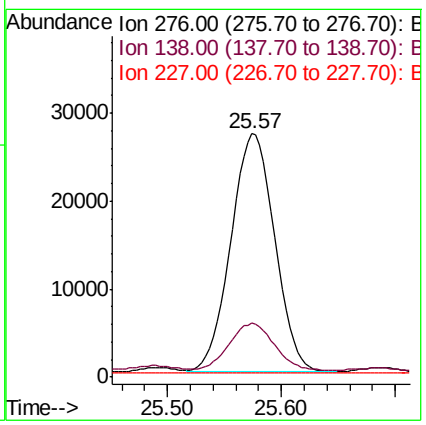


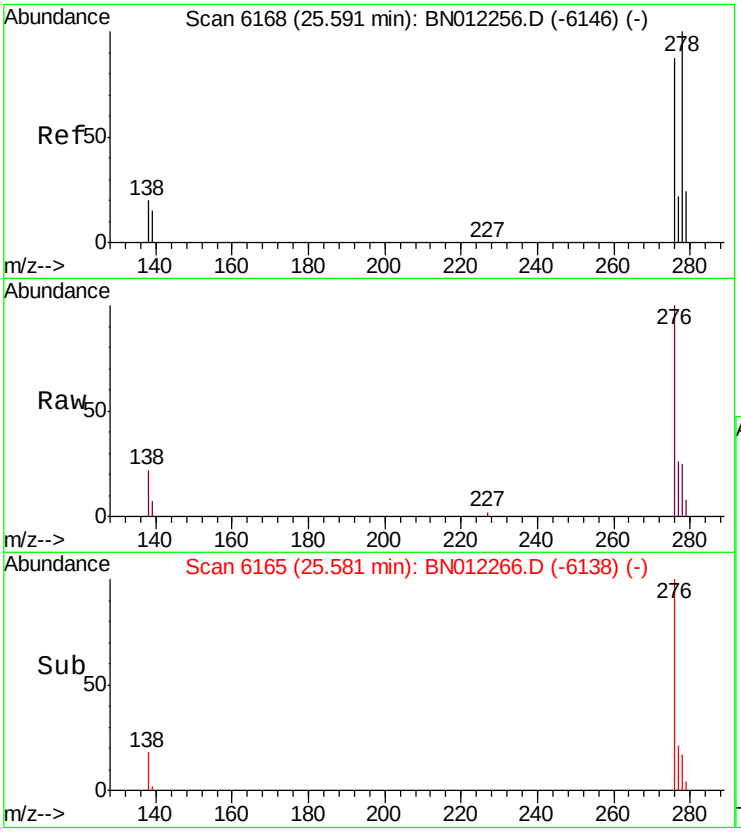


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.407 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. 0.00 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:276 Resp: 71953

Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
227	0.2	0.0	0.0#





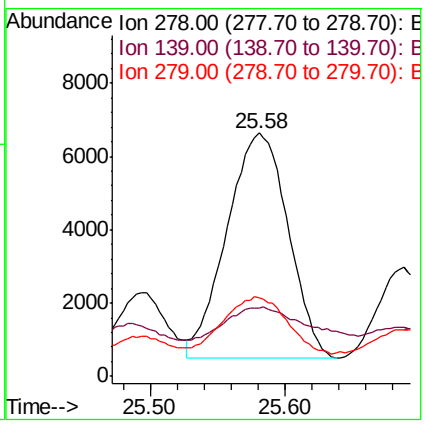
#25
Dibenzo(a,h)anthracene
Concen: 0.815 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.01 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

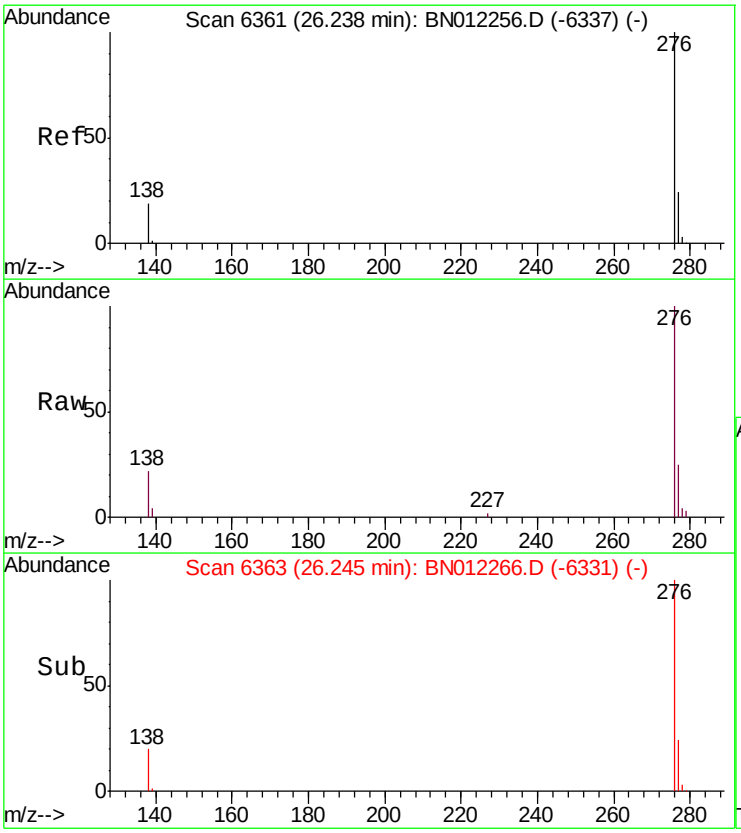
Tgt Ion:278 Resp: 19487

Ion	Ratio	Lower	Upper
278	100		
139	28.0	15.7	23.5#
279	32.4	26.0	39.0

Instrument :
BNA_N
ClientSampleId :
C0AL1

Manual Integrations APPROVED
mohammad
10/19/2020 1:21:31 PM





#26
Benzo(g,h,i)perylene
Concen: 2.308 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. 0.01 min
Lab File: BN012266.D
Acq: 16 Oct 2020 14:37

Tgt Ion:276 Resp: 63249

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.1	25.7
277	25.2	21.1	31.7