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

Quantitation Report (QT Reviewed)

Data File : BN012267.D
Acq On : 16 Oct 2020 15:13
Operator : CG/JU
Sample : L4201-09
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AL3

Manual Integrations APPROVED
mohammad
10/19/2020 1:21:33 PM

Quant Time: Oct 16 15:49:12 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	1594	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	6726	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3874	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	7776	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6327	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6041	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	1924	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3869	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	948	0.049	ng/ul#	84
5) 2-Methylnaphthalene	12.06	142	722	0.059	ng/ul	100
7) Acenaphthylene	13.97	152	3291	0.196	ng/ul	94
8) Acenaphthene	14.32	153	2124	0.150	ng/ul	97
9) Fluorene	15.31	166	3560	0.225	ng/ul	99
12) Phenanthrene	17.04	178	82263	3.319	ng/ul	98
13) Anthracene	17.14	178	20597	0.969	ng/ul	98
15) Fluoranthene	19.07	202	144252	4.977	ng/ul	99
17) Pyrene	19.43	202	119302	4.182	ng/ul	98
18) Benzo(a)anthracene	21.19	228	69575	2.969	ng/ul	99
19) Chrysene	21.24	228	62537	2.190	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	82102m	3.365	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	30504m	1.129	ng/ul	
23) Benzo(a)pyrene	23.30	252	54435	2.293	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.57	276	38696	1.269	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	10962	0.449	ng/ul#	94
26) Benzo(g,h,i)perylene	26.24	276	32391	1.159	ng/ul	99

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

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

Quantitation Report (QT Reviewed)

Data File : BN012267.D
Acq On : 16 Oct 2020 15:13
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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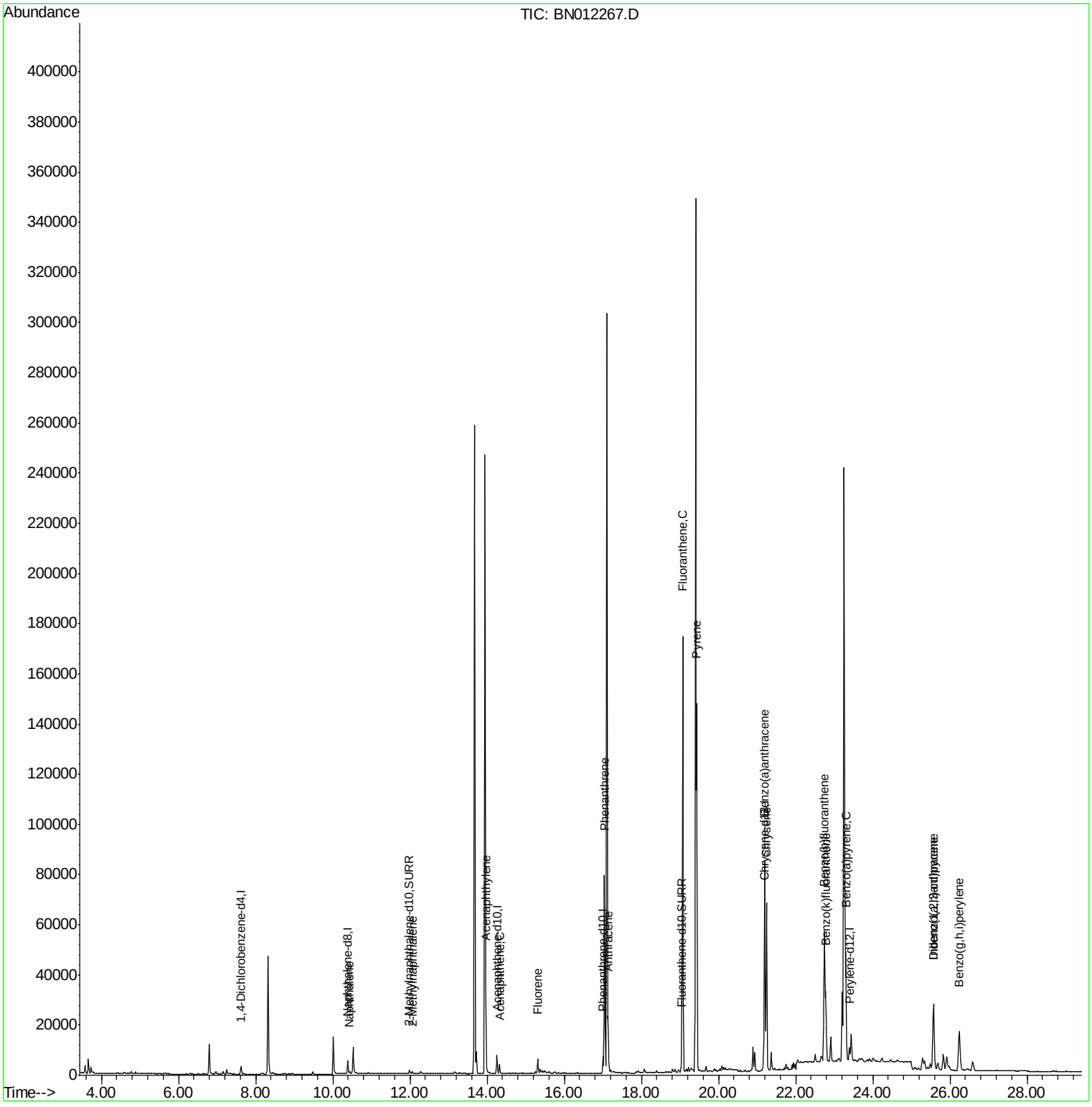

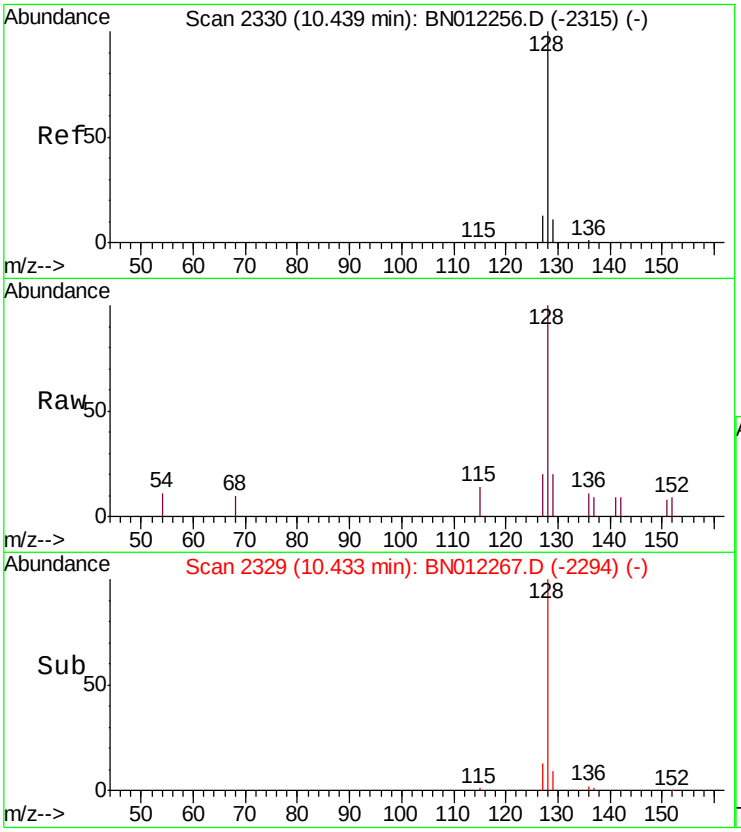

#3
Naphthalene
Concen: 0.049 ng/ul
RT: 10.43 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:128 Resp: 948

Ion	Ratio	Lower	Upper
128	100		
129	20.2	10.3	15.5#
127	20.4	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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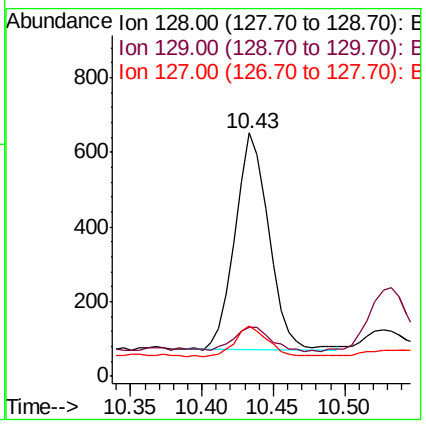
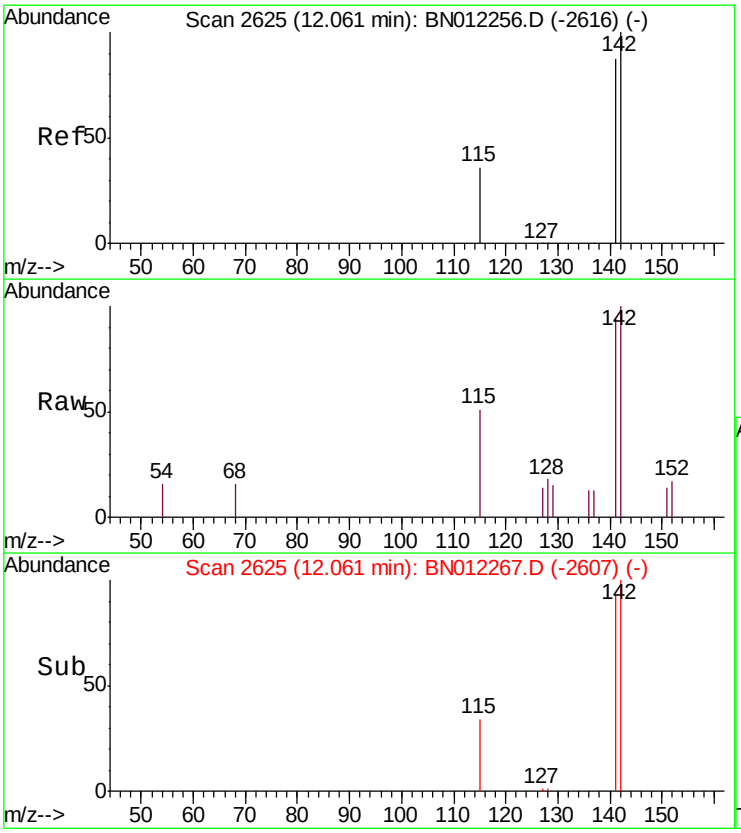
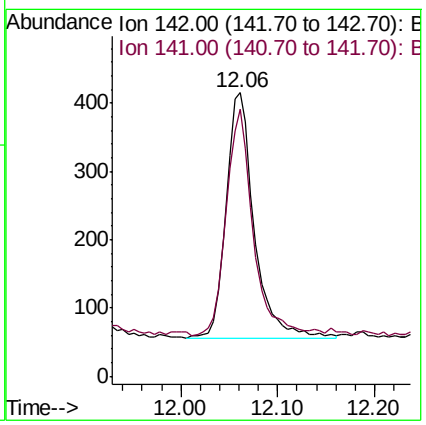


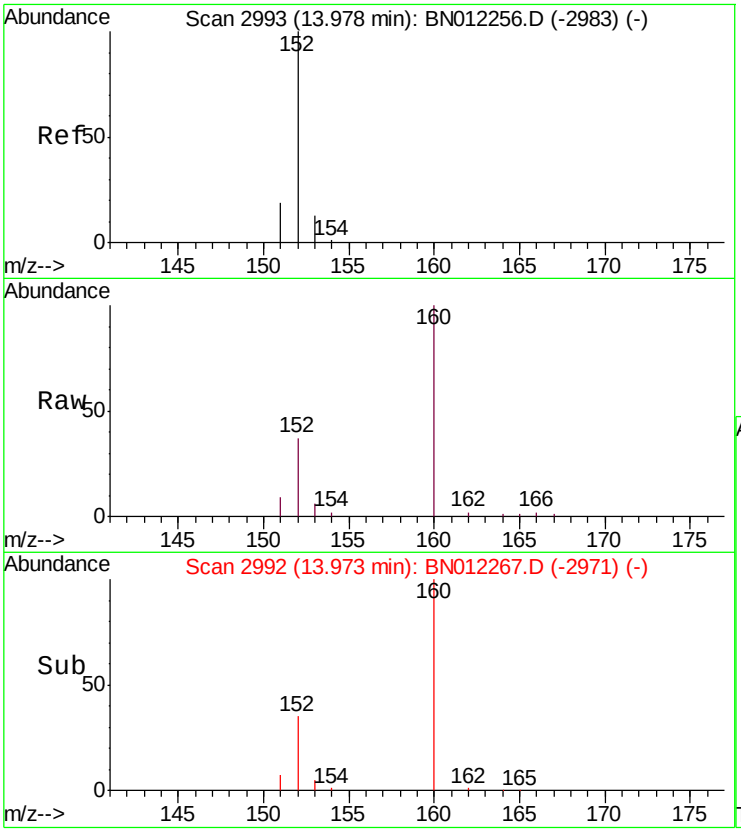


#5
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:142 Resp: 722

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.7	107.5

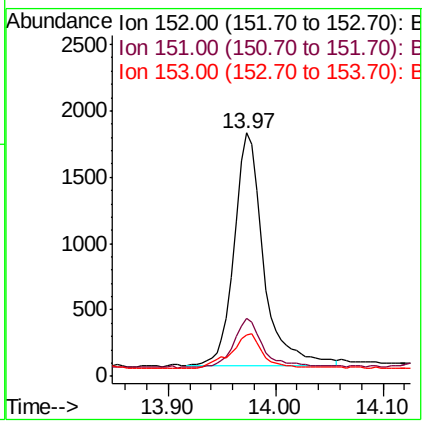




#7
Acenaphthylene
Concen: 0.196 ng/ul
RT: 13.97 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:152 Resp: 3291

Ion	Ratio	Lower	Upper
152	100		
151	23.8	16.7	25.1
153	16.9	11.8	17.8



Instrument :
BNA_N
ClientSampleId :
C0AL3

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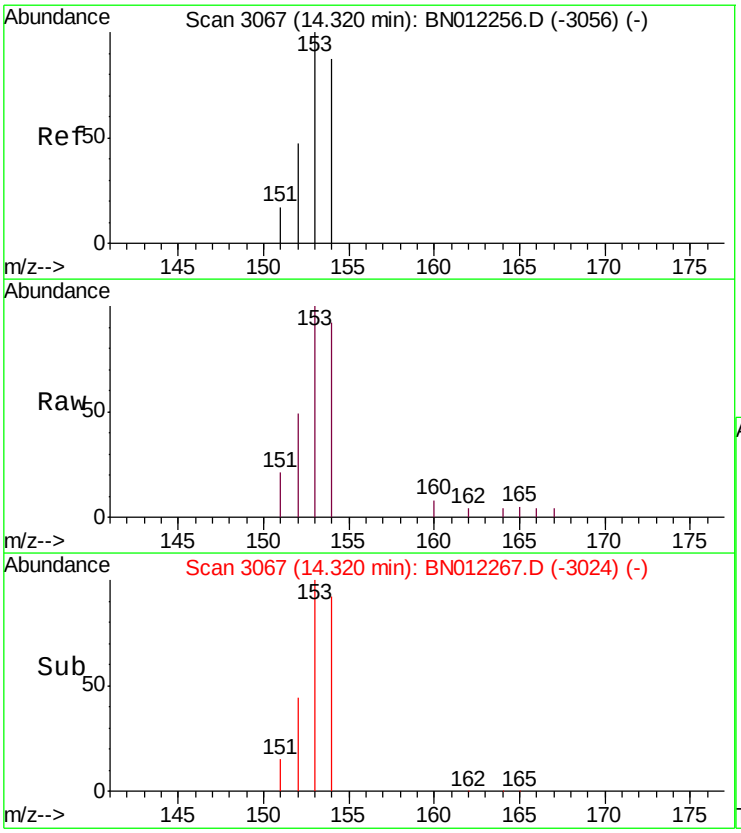
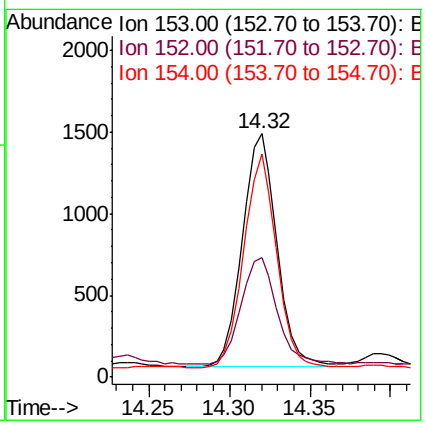
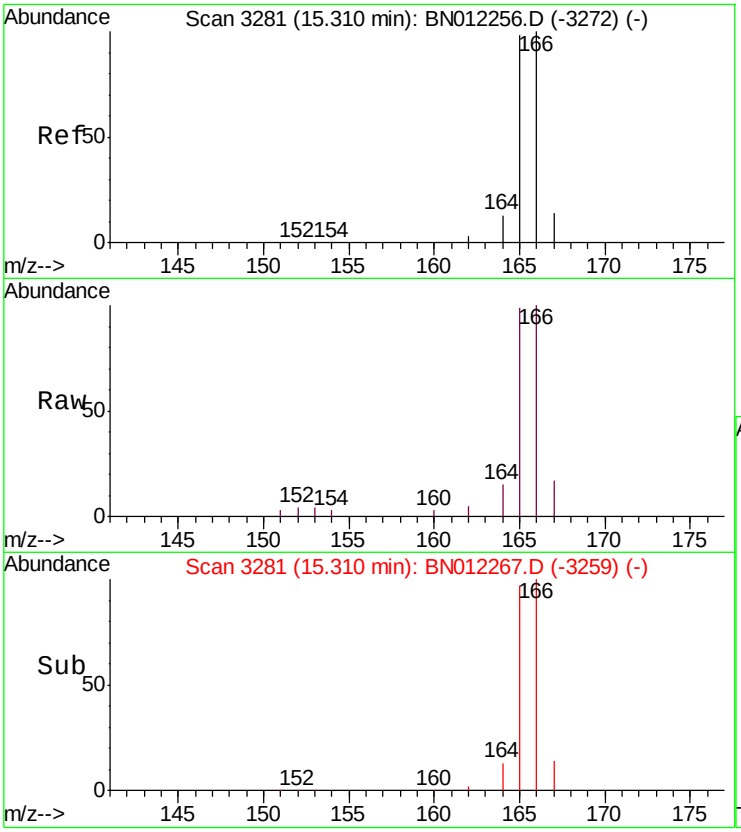


#8
Acenaphthene
Concen: 0.150 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:153 Resp: 2124

Ion	Ratio	Lower	Upper
153	100		
152	49.2	38.2	57.2
154	91.6	71.1	106.7

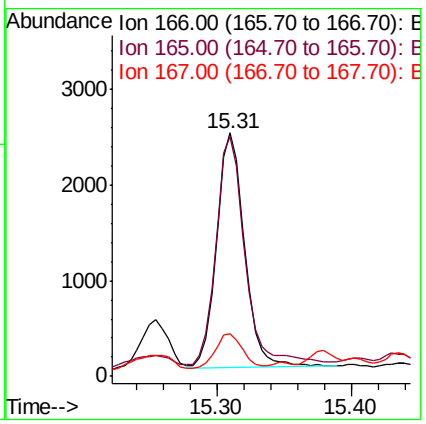




#9
Fluorene
Concen: 0.225 ng/ul
RT: 15.31 min Scan# 3281
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:166 Resp: 3560

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	118.0
167	17.4	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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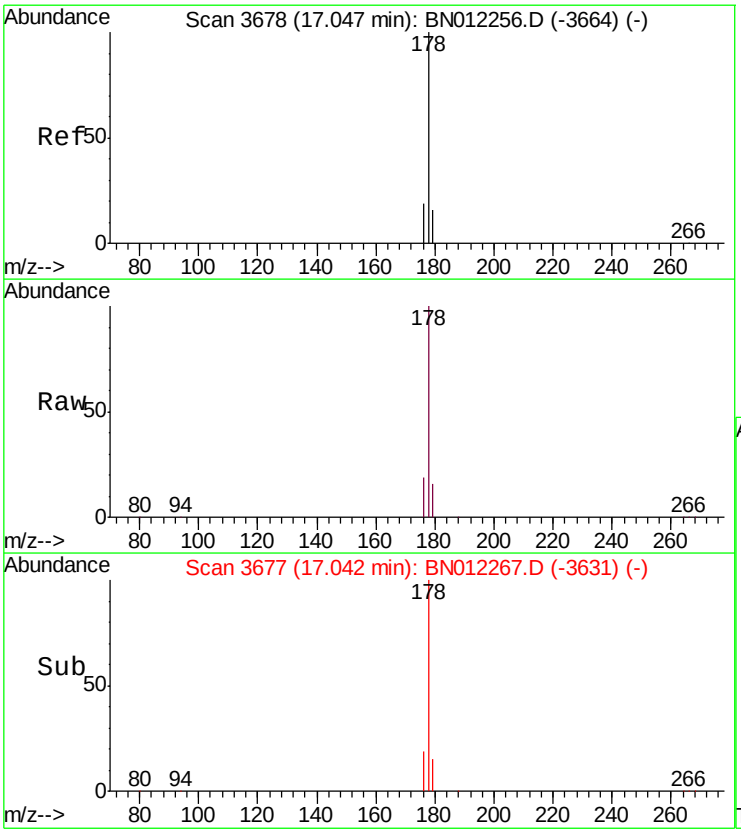
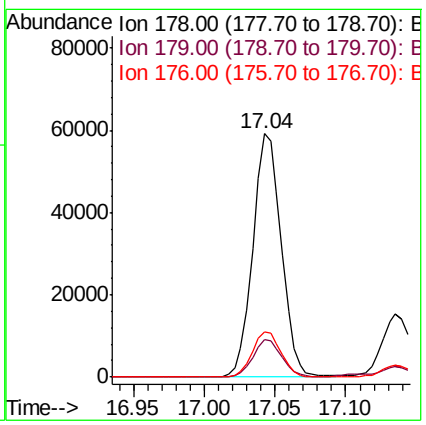
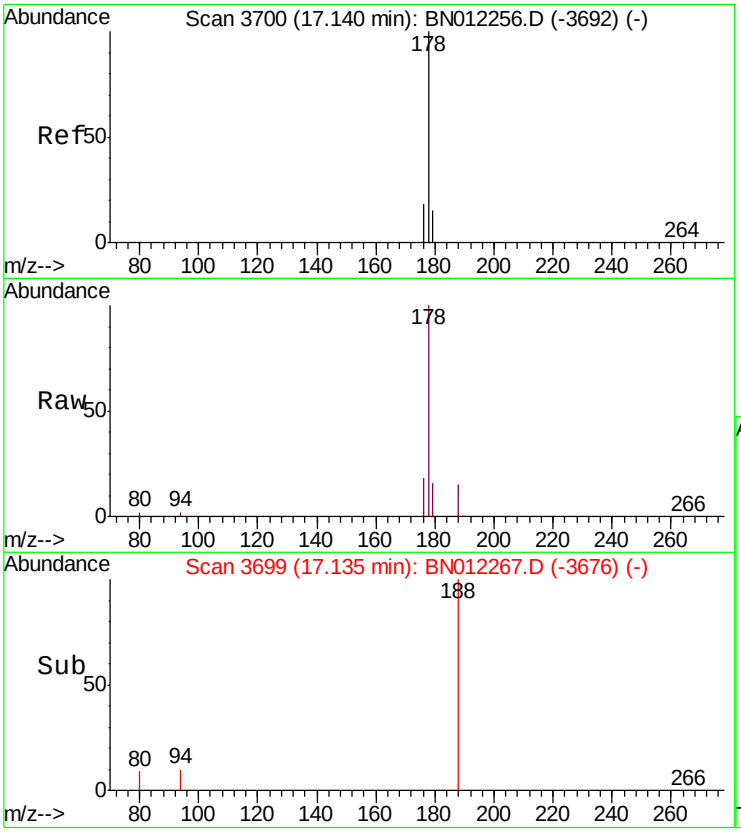


#12
Phenanthrene
Concen: 3.319 ng/ul
RT: 17.04 min Scan# 3677
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:178 Resp: 82263

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.6	15.7	23.5

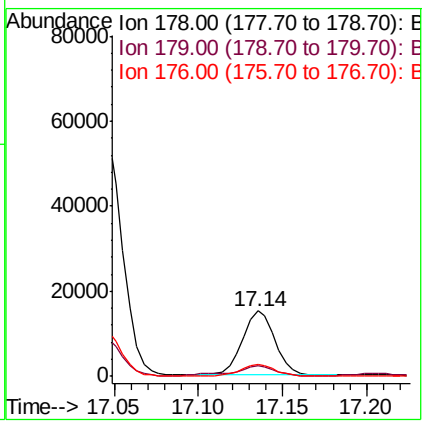




#13
Anthracene
Concen: 0.969 ng/ul
RT: 17.14 min Scan# 3699
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:178 Resp: 20597

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.9	20.9
176	18.5	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0AL3

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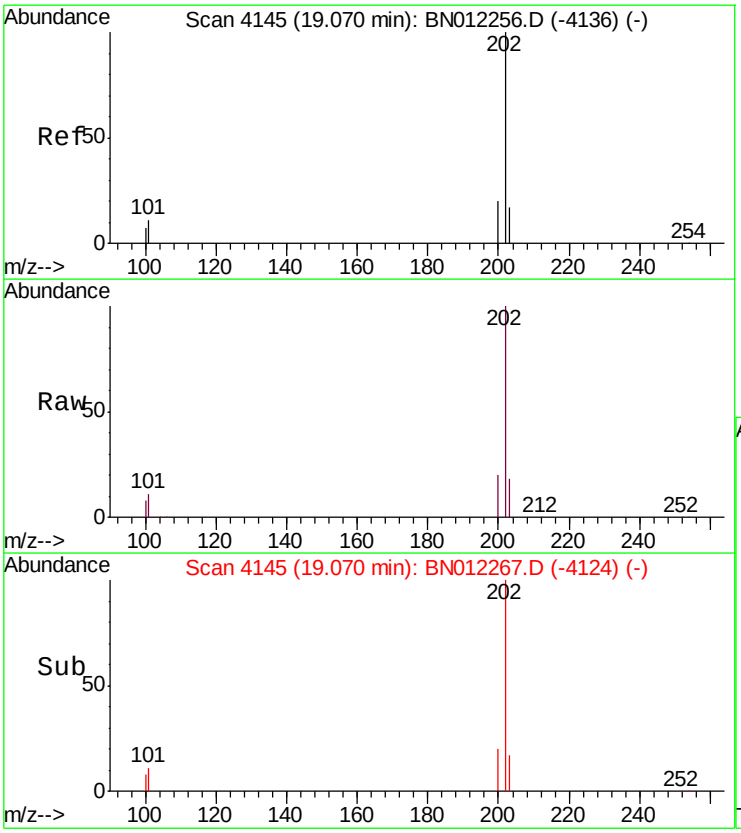
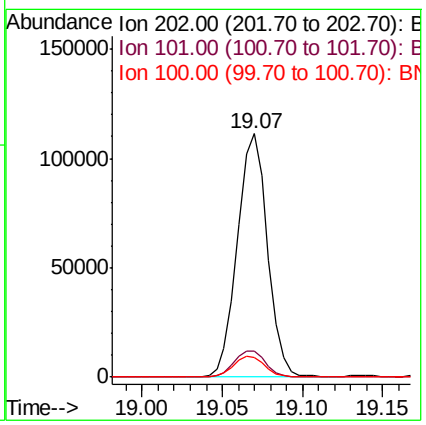
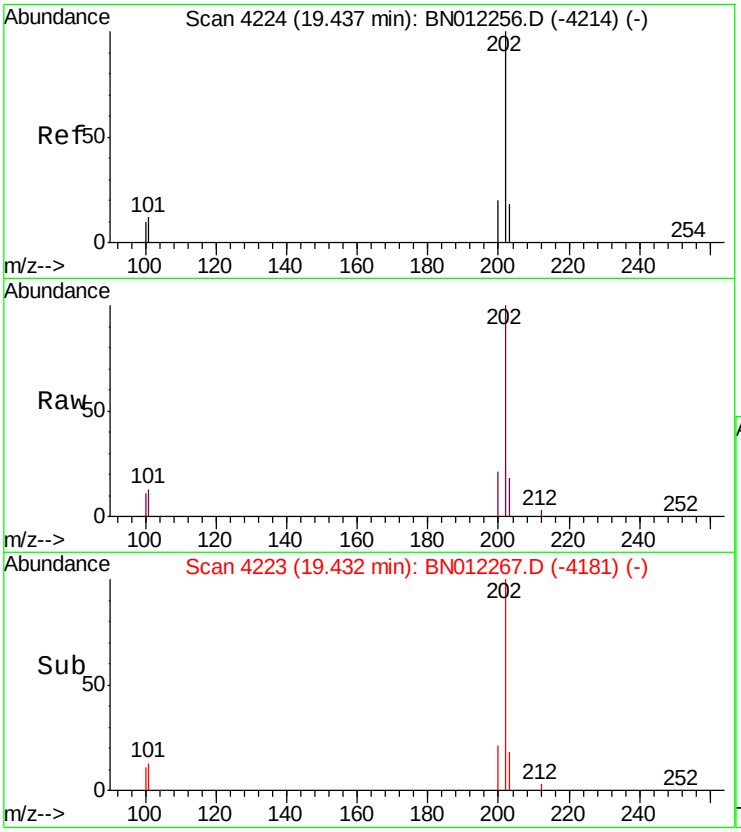


#15
Fluoranthene
Concen: 4.977 ng/ul
RT: 19.07 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:202 Resp: 144252

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.0
100	8.1	0.0	28.7

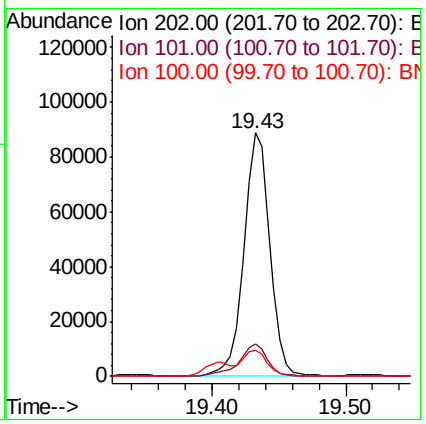




#17
Pyrene
Concen: 4.182 ng/ul
RT: 19.43 min Scan# 4223
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:202 Resp: 119302

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.9	14.9
100	10.8	8.0	12.0



Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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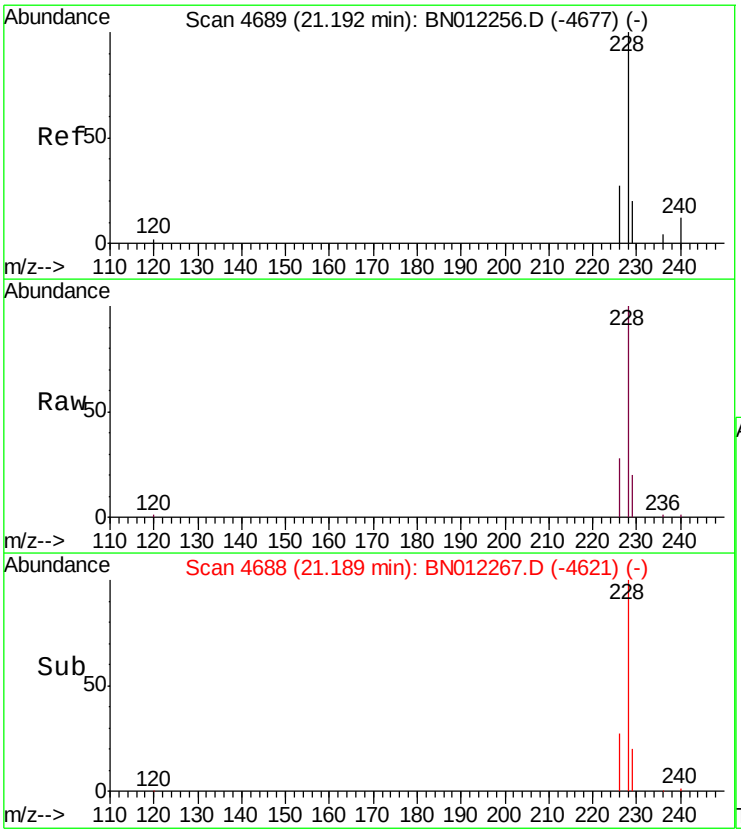
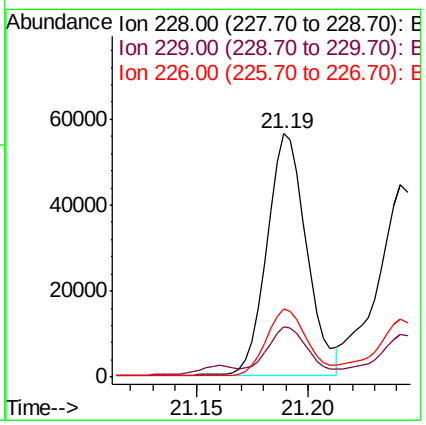
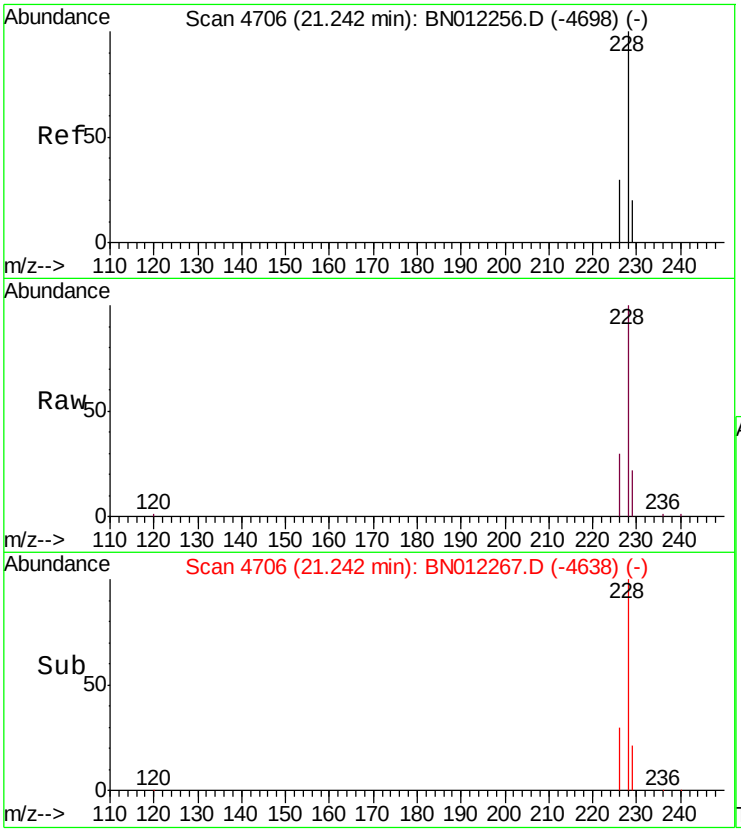


#18
Benzo(a)anthracene
Concen: 2.969 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:228 Resp: 69575

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.8	22.6	33.8

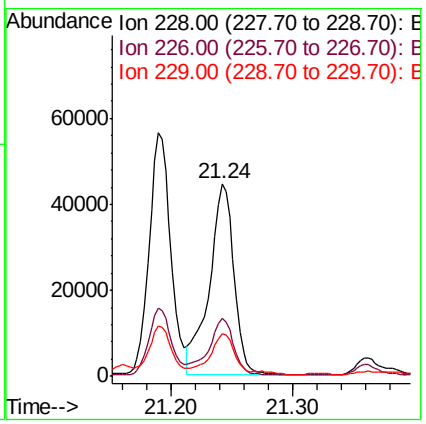




#19
Chrysene
Concen: 2.190 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:228 Resp: 62537

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	22.1	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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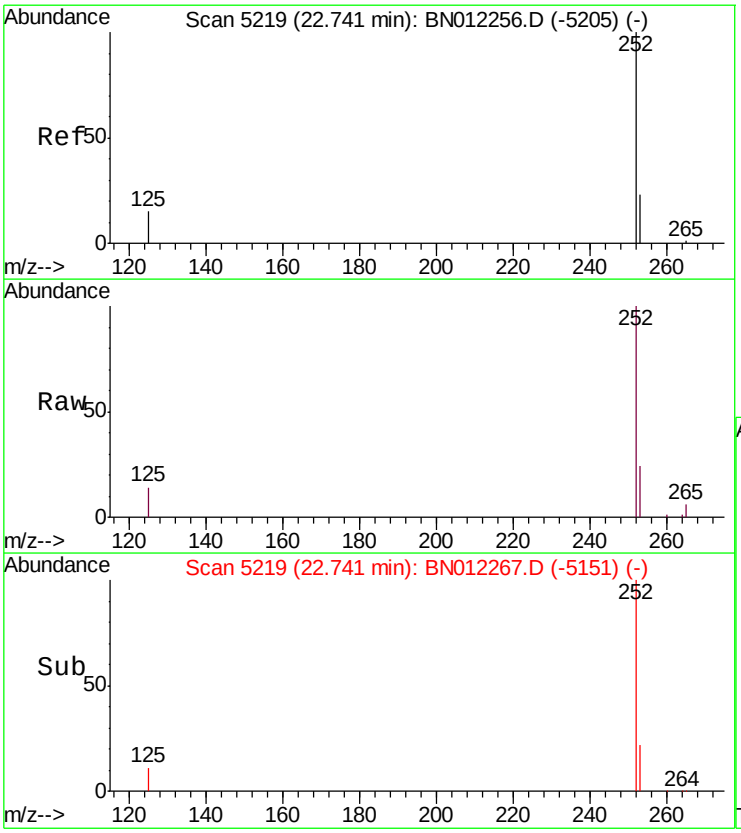
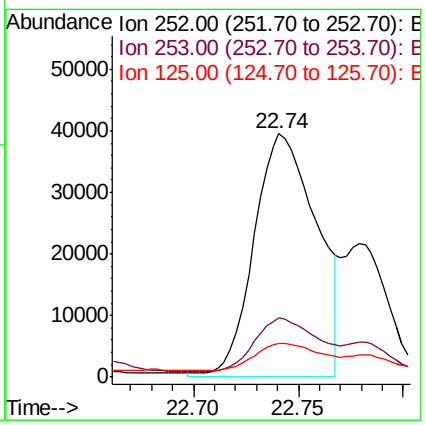
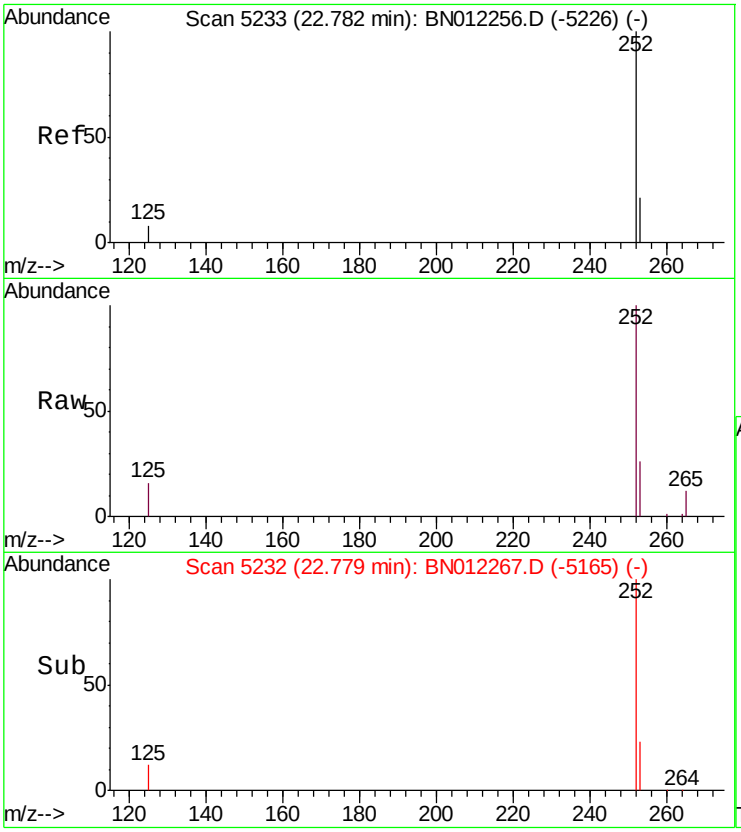


#21
Benzo(b)fluoranthene
Concen: 3.365 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:252 Resp: 82102

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	61.6
125	13.8	0.0	36.8





#22
Benzo(k)fluoranthene
Concen: 1.129 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:252 Resp: 30504

Ion	Ratio	Lower	Upper
252	100		
253	26.3	24.4	36.6
125	16.2	12.9	19.3

Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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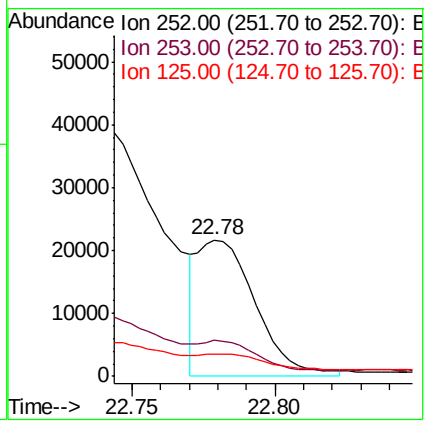
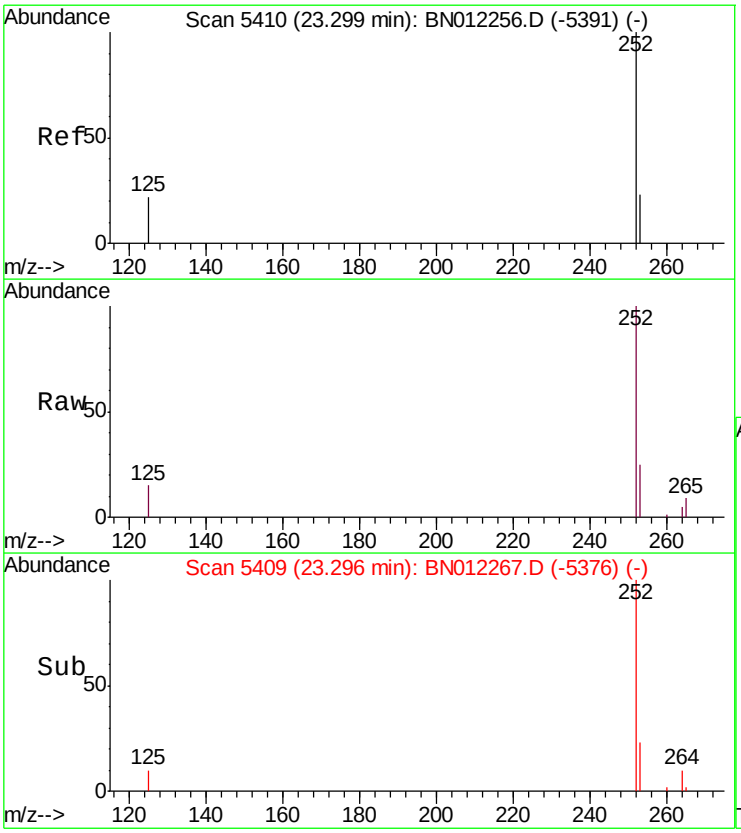
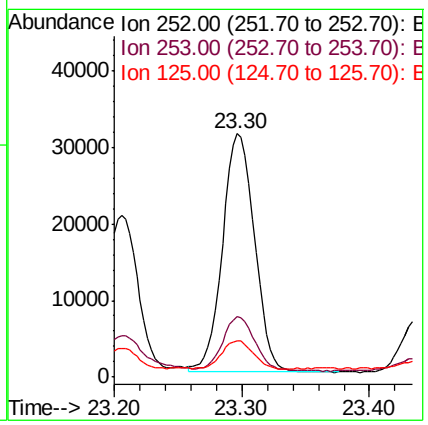


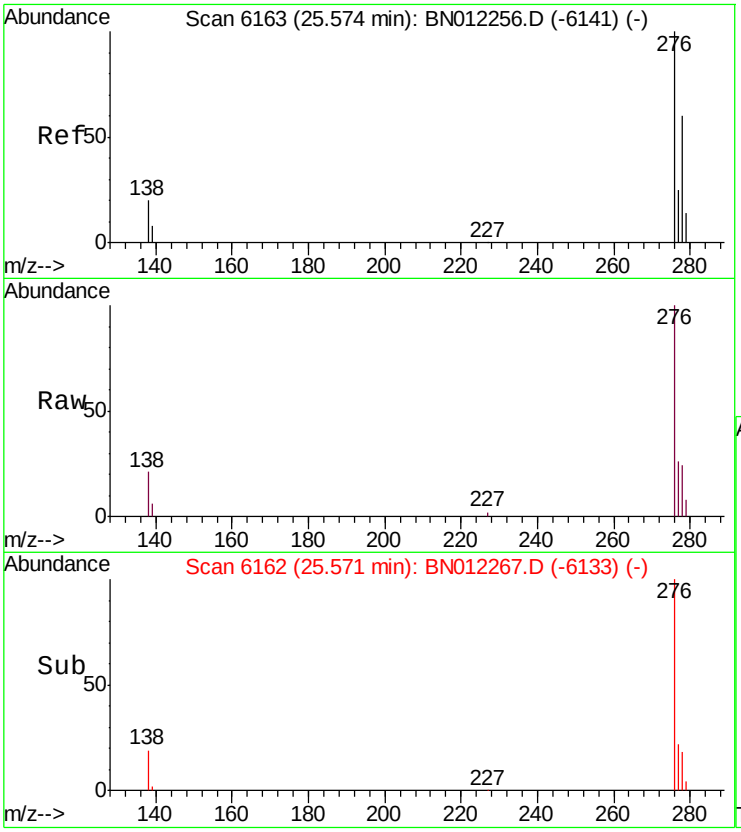


#23
Benzo(a)pyrene
Concen: 2.293 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:252 Resp: 54435

Ion	Ratio	Lower	Upper
252	100		
253	24.6	27.0	40.4#
125	15.1	18.8	28.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.269 ng/ul
RT: 25.57 min Scan# 6162
Delta R.T. -0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
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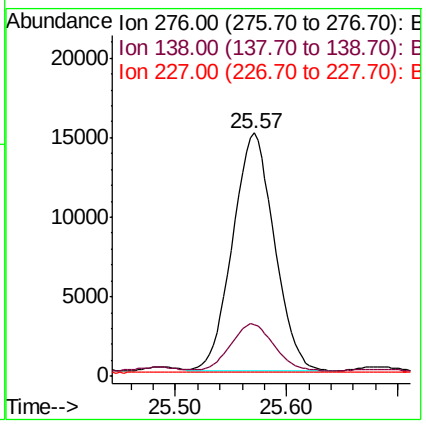
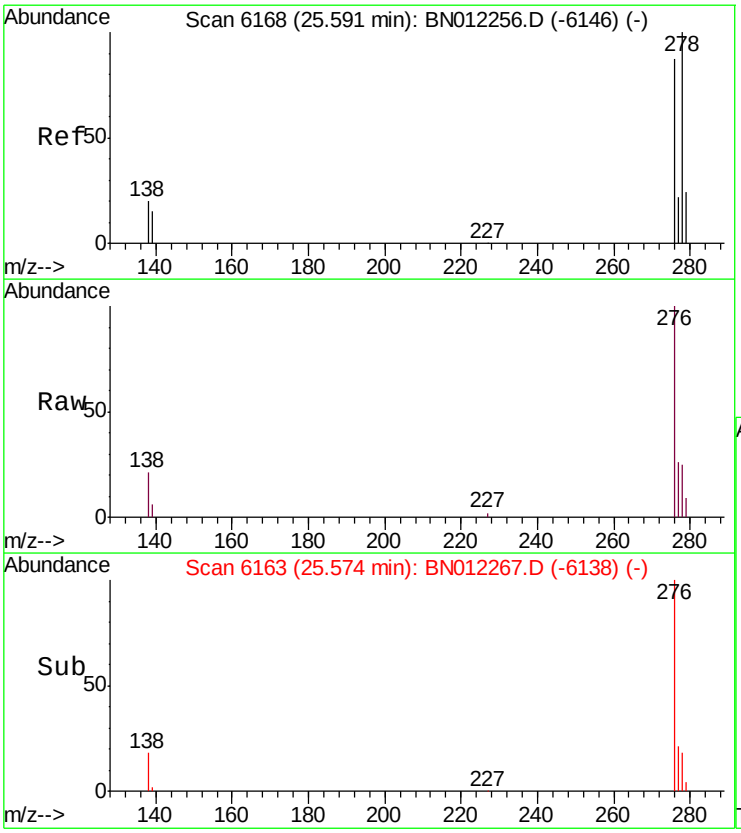
10/19/2020 1:21:33 PM

Tgt Ion:276 Resp: 38696

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

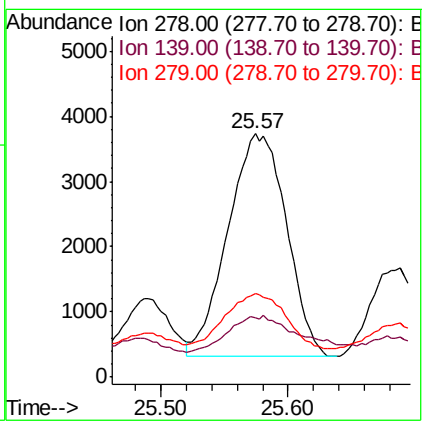


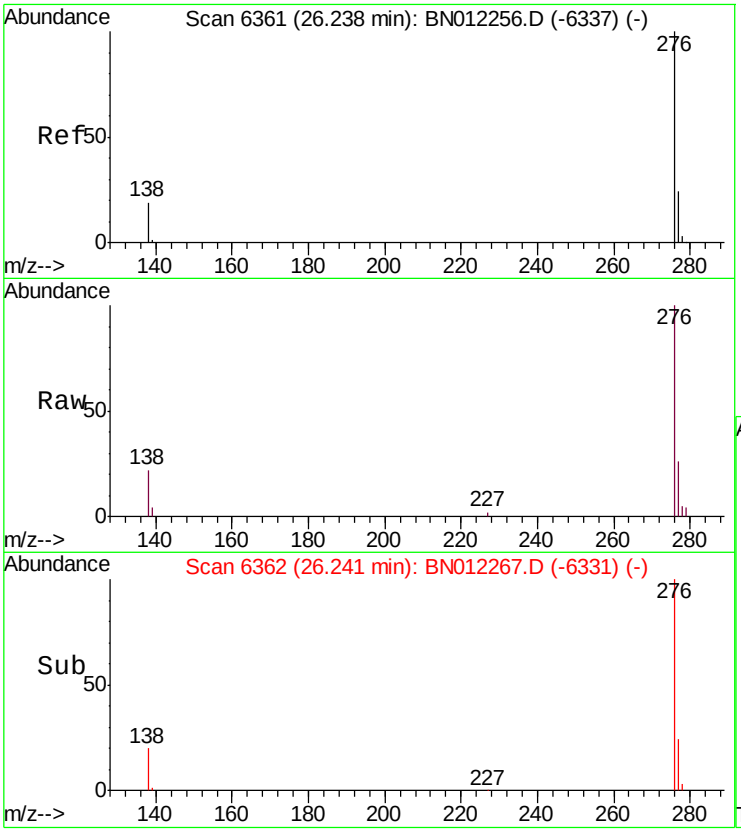


#25
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:278 Resp: 10962

Ion	Ratio	Lower	Upper
278	100		
139	24.4	15.7	23.5#
279	34.2	26.0	39.0

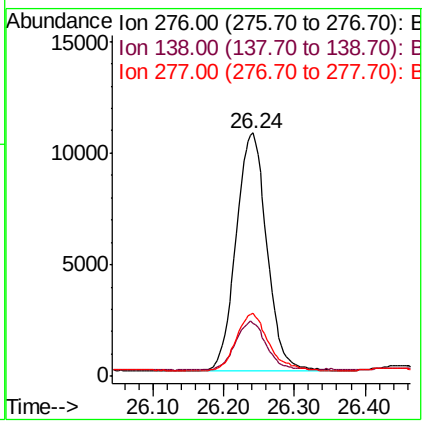




#26
Benzo(g,h,i)perylene
Concen: 1.159 ng/ul
RT: 26.24 min Scan# 6362
Delta R.T. 0.00 min
Lab File: BN012267.D
Acq: 16 Oct 2020 15:13

Tgt Ion:276 Resp: 32391

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.1	25.7
277	25.8	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
C0AL3

Manual Integrations APPROVED
mohammad
10/19/2020 1:21:33 PM