Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012682.D
Acq On : 21 Nov 2020 12:25
Operator : CG/JU
Sample : L4710-06DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AX2DL

Manual Integrations APPROVED
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11/24/2020 8:56:48 AM

Quant Time: Nov 23 01:40:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 01:22:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	1033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4247	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.10	164	2397	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5004	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4421	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.82	152	190	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	410	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.26	128	433	0.034	ng/ul#	72
5) 2-Methylnaphthalene	11.90	142	242	0.030	ng/ul	91
7) Acenaphthylene	13.82	152	591	0.051	ng/ul#	81
8) Acenaphthene	14.16	153	2828	0.287	ng/ul	99
9) Fluorene	15.16	166	2640	0.244	ng/ul	99
12) Phenanthrene	16.89	178	96050	5.516	ng/ul	96
13) Anthracene	16.98	178	10295	0.680	ng/ul	96
15) Fluoranthene	18.92	202	200569	9.977	ng/ul	98
17) Pyrene	19.28	202	164309	8.309	ng/ul	97
18) Benzo(a)anthracene	21.05	228	70014	4.419	ng/ul	98
19) Chrysene	21.10	228	82519	4.170	ng/ul	99
21) Benzo(b)fluoranthene	22.56	252	116655m	5.675	ng/ul	
22) Benzo(k)fluoranthene	22.59	252	39729m	1.676	ng/ul	
23) Benzo(a)pyrene	23.09	252	74627	3.858	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.26	276	57333	2.266	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.26	278	12704	0.625	ng/ul	92
26) Benzo(g,h,i)perylene	25.89	276	55832	2.452	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012682.D
Acq On : 21 Nov 2020 12:25
Operator : CG/JU
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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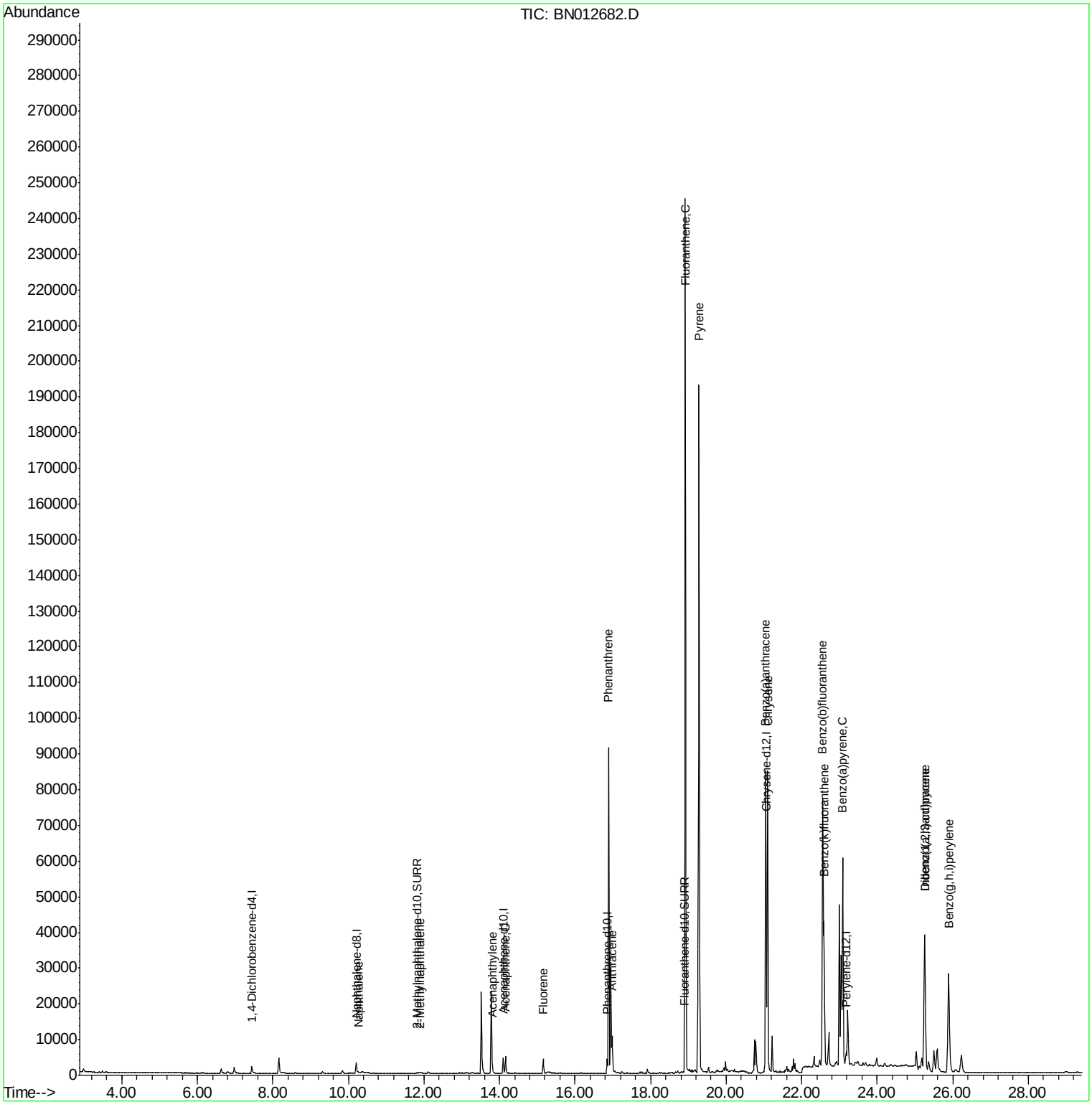

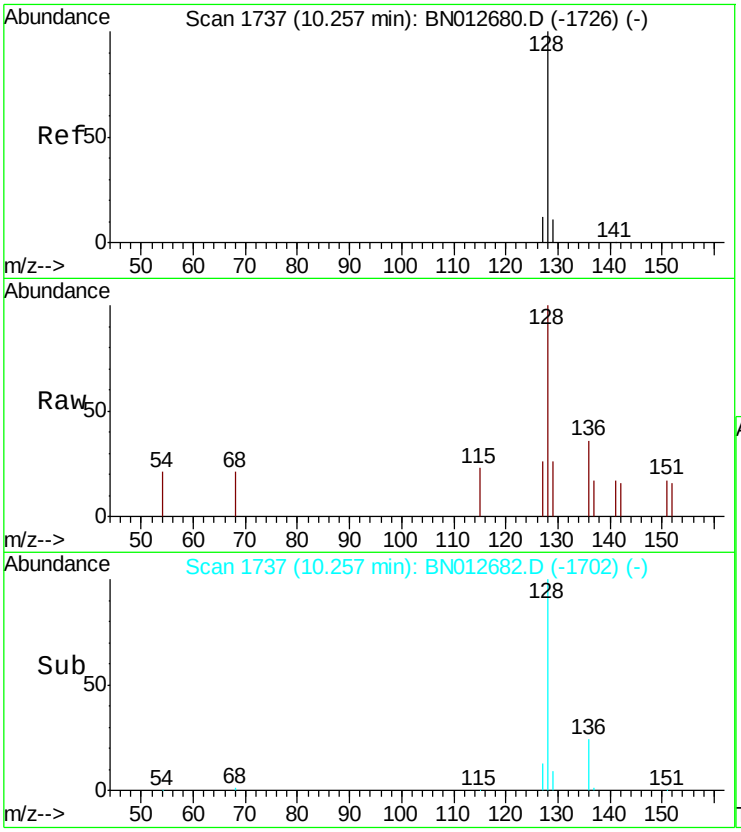

#3
Naphthalene
Concen: 0.034 ng/ul
RT: 10.26 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:128 Resp: 433

Ion	Ratio	Lower	Upper
128	100		
129	26.2	11.2	16.8#
127	26.2	12.5	18.7#

Instrument :
BNA_N
ClientSampleId :
C0AX2DL

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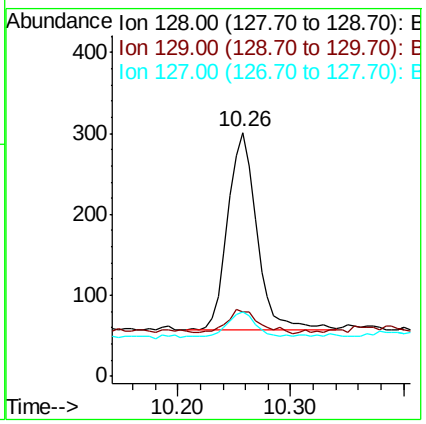
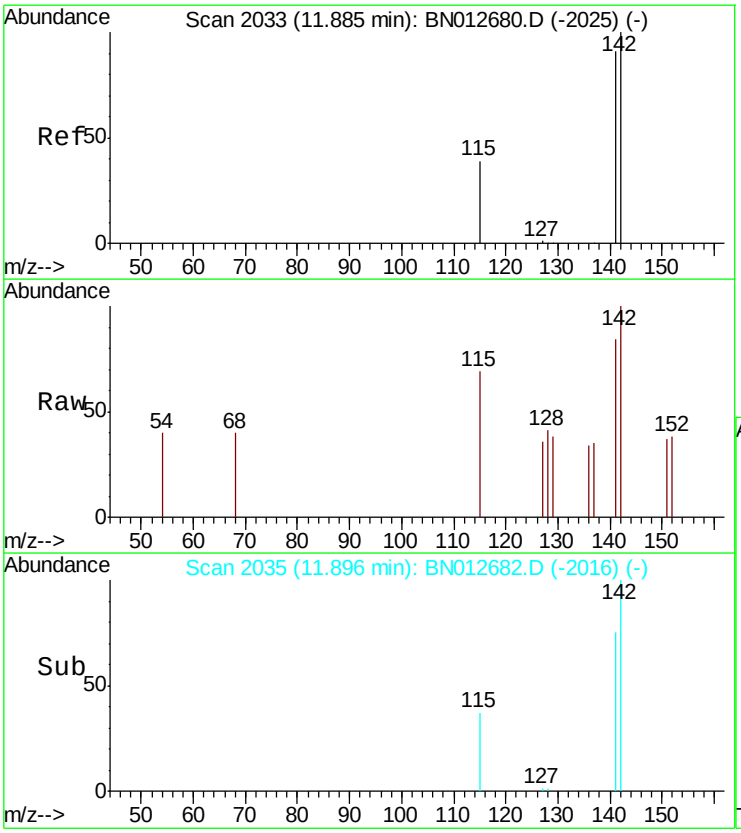
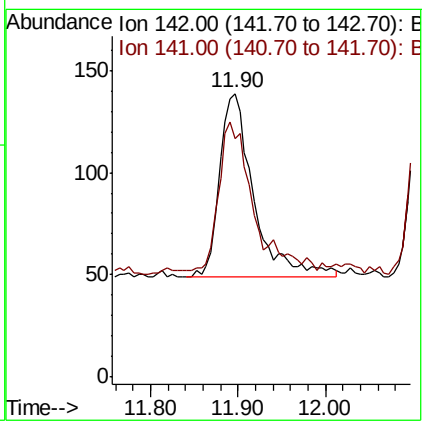


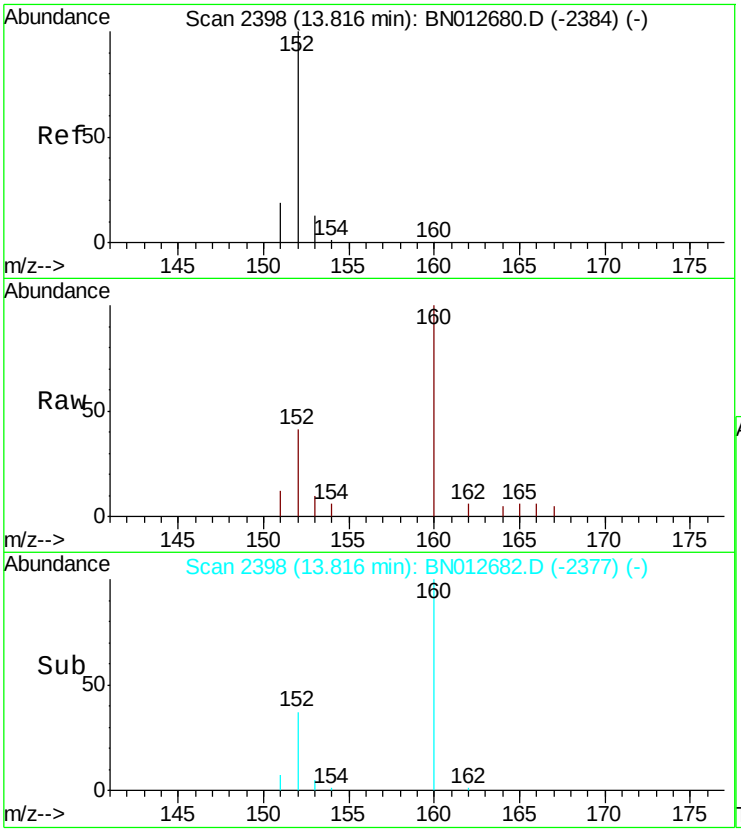


#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.90 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:142 Resp: 242

Ion	Ratio	Lower	Upper
142	100		
141	81.8	72.3	108.5

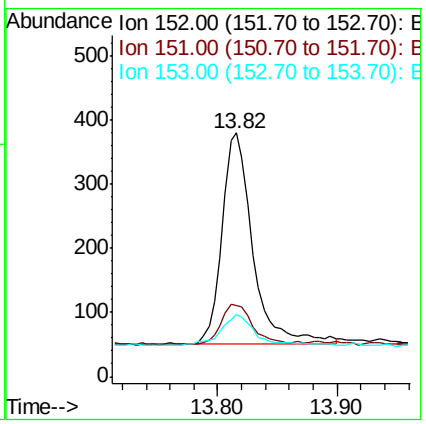




#7
Acenaphthylene
Concen: 0.051 ng/ul
RT: 13.82 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:152 Resp: 591

Ion	Ratio	Lower	Upper
152	100		
151	29.3	17.1	25.7#
153	25.6	12.6	19.0#



Instrument :
BNA_N
ClientSampleId :
C0AX2DL

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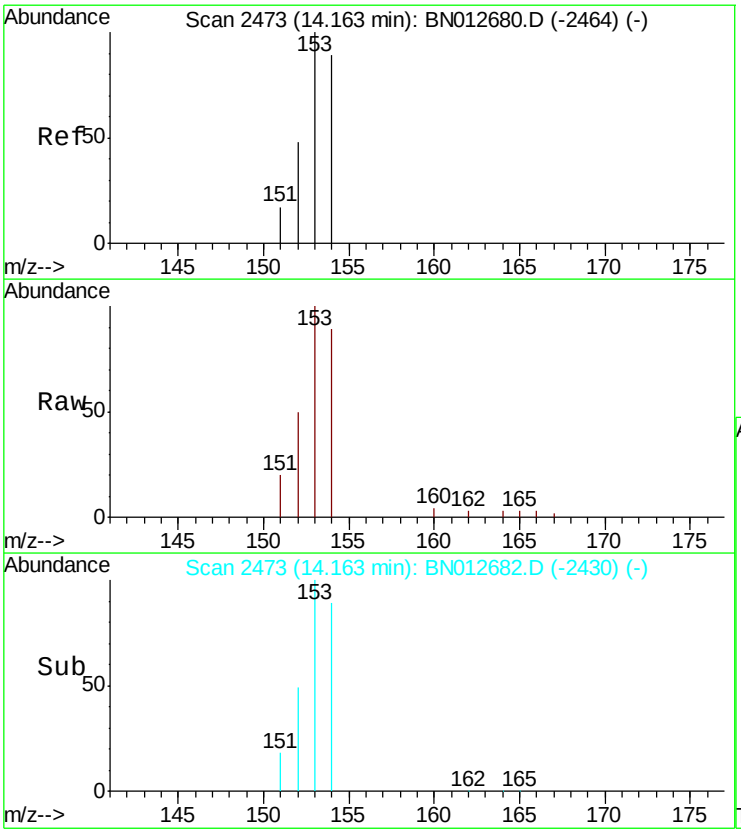
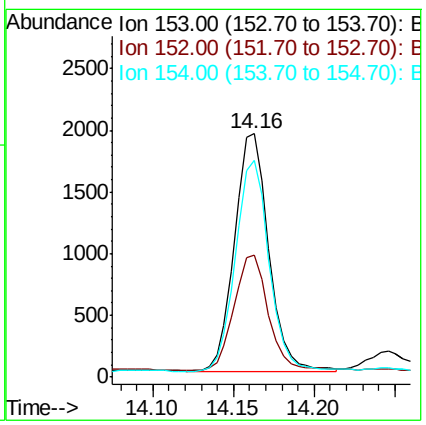
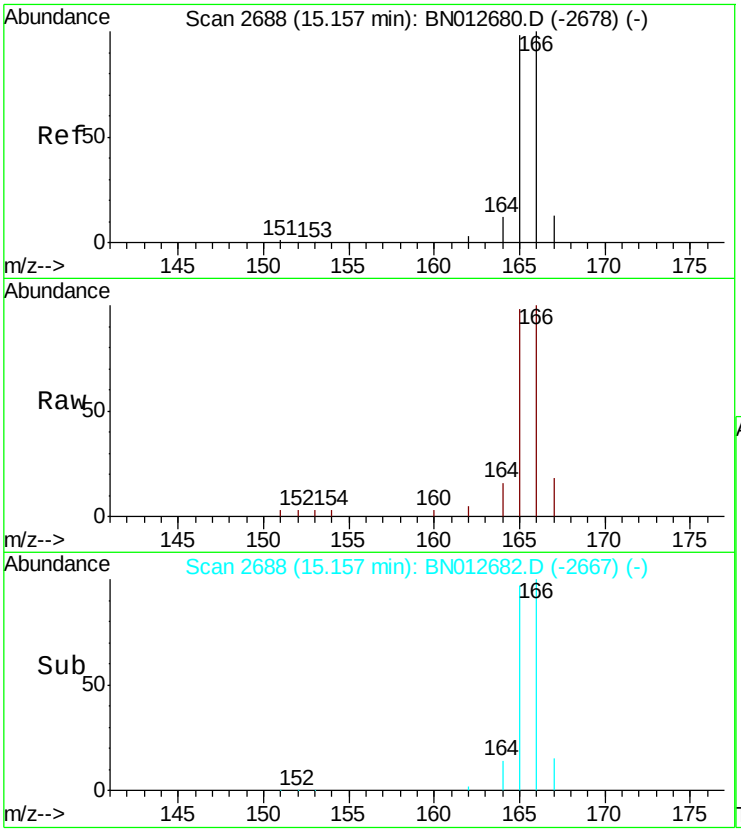


#8
Acenaphthene
Concen: 0.287 ng/ul
RT: 14.16 min Scan# 2473
Delta R.T. 0.00 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:153 Resp: 2828

Ion	Ratio	Lower	Upper
153	100		
152	50.4	41.4	62.0
154	89.0	70.9	106.3

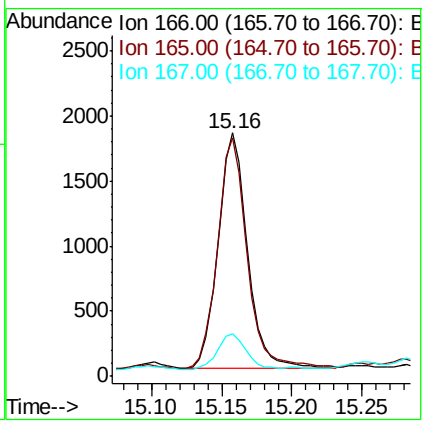




#9
Fluorene
Concen: 0.244 ng/ul
RT: 15.16 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:166 Resp: 2640

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	17.6	12.7	19.1



Instrument :
BNA_N
ClientSampleId :
C0AX2DL

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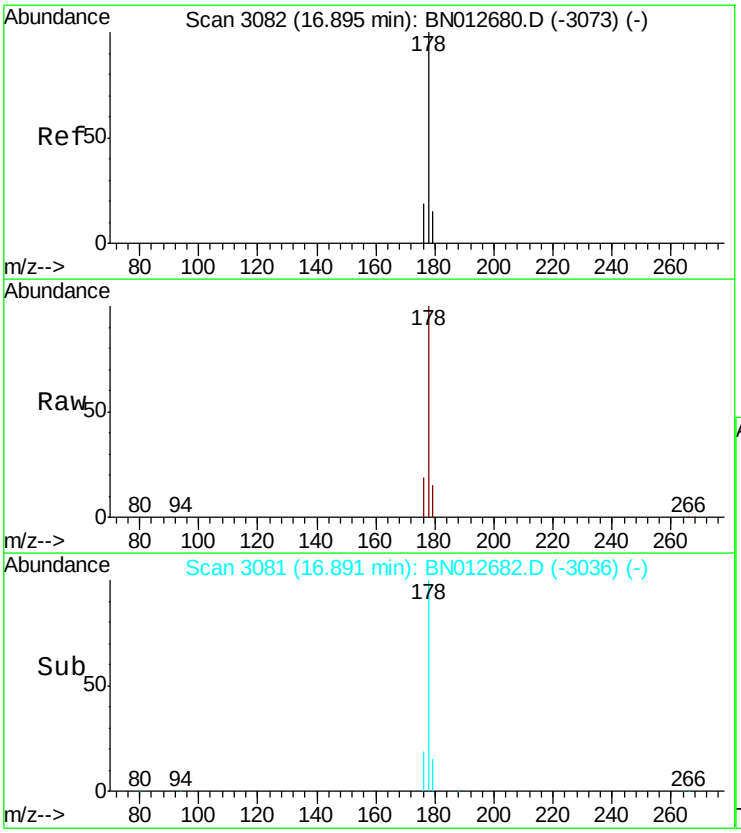
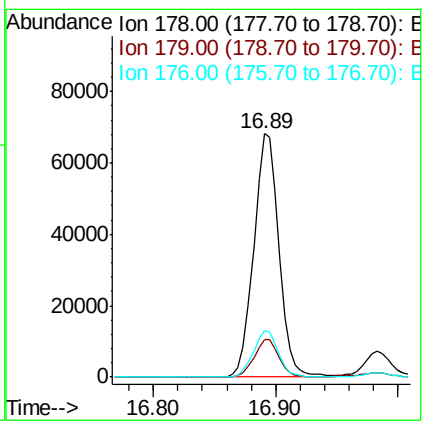
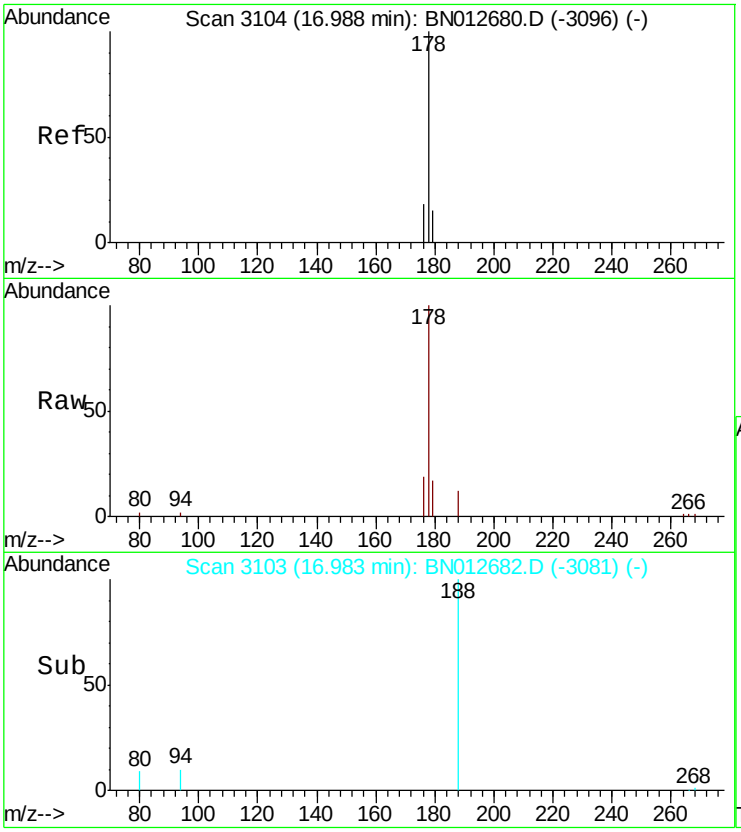


#12
Phenanthrene
Concen: 5.516 ng/ul
RT: 16.89 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:178 Resp: 96050

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.8	20.6
176	19.0	16.7	25.1

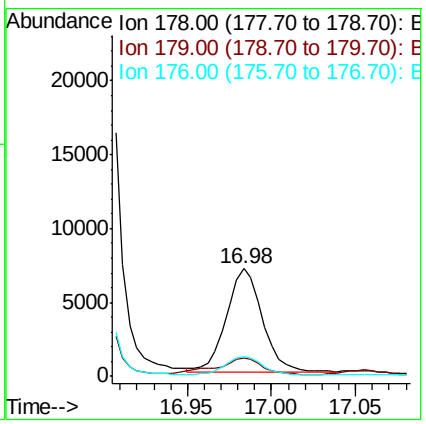




#13
Anthracene
Concen: 0.680 ng/ul
RT: 16.98 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:178 Resp: 10295

Ion	Ratio	Lower	Upper
178	100		
179	16.6	14.8	22.2
176	18.7	16.3	24.5



Instrument :
BNA_N
ClientSampleId :
C0AX2DL

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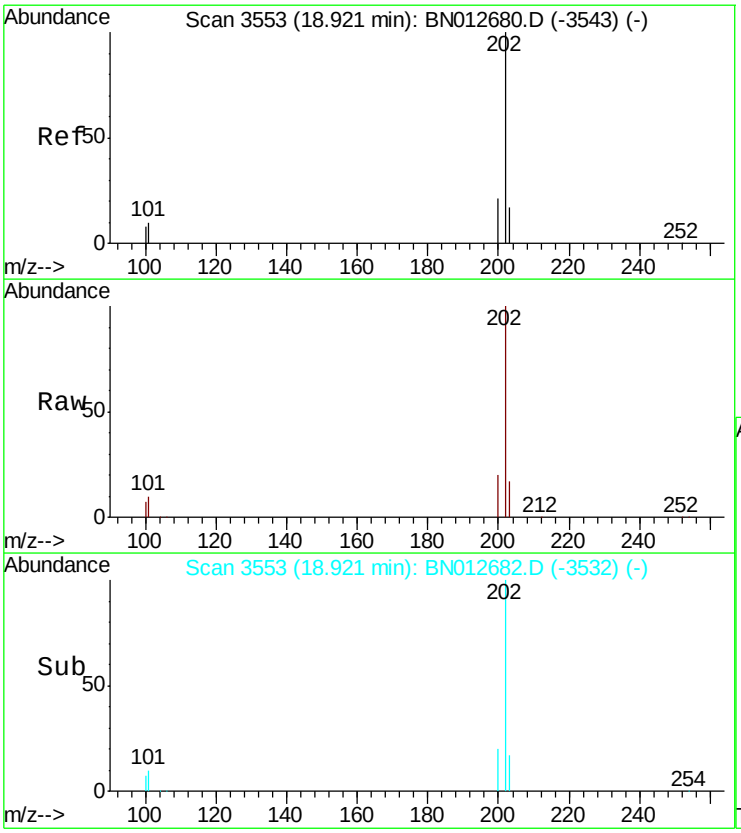
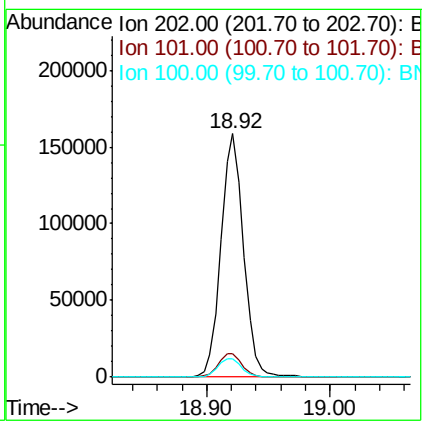
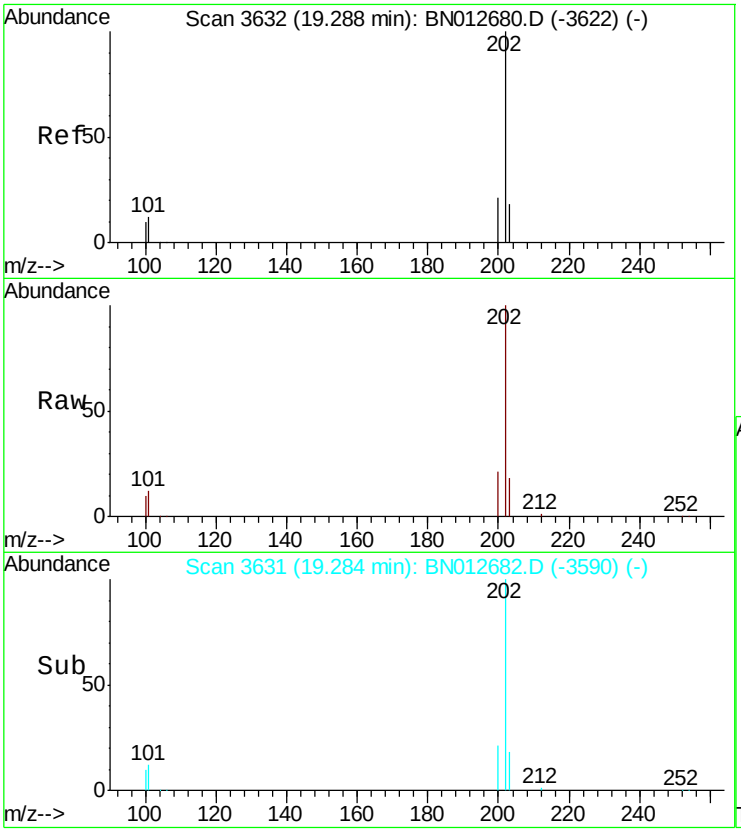


#15
Fluoranthene
Concen: 9.977 ng/ul
RT: 18.92 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:202 Resp: 200569

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.5
100	7.5	0.0	28.4

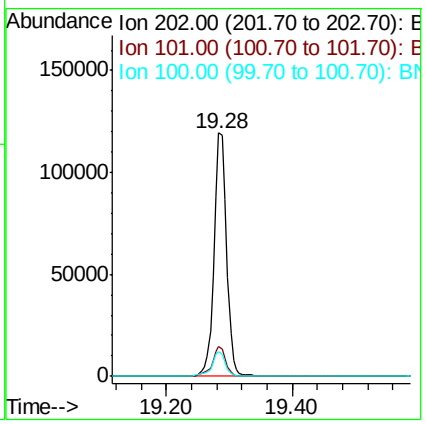




#17
Pyrene
Concen: 8.309 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:202 Resp: 164309

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	10.2	7.4	11.2



Instrument :
BNA_N
ClientSampleId :
C0AX2DL

Manual Integrations APPROVED
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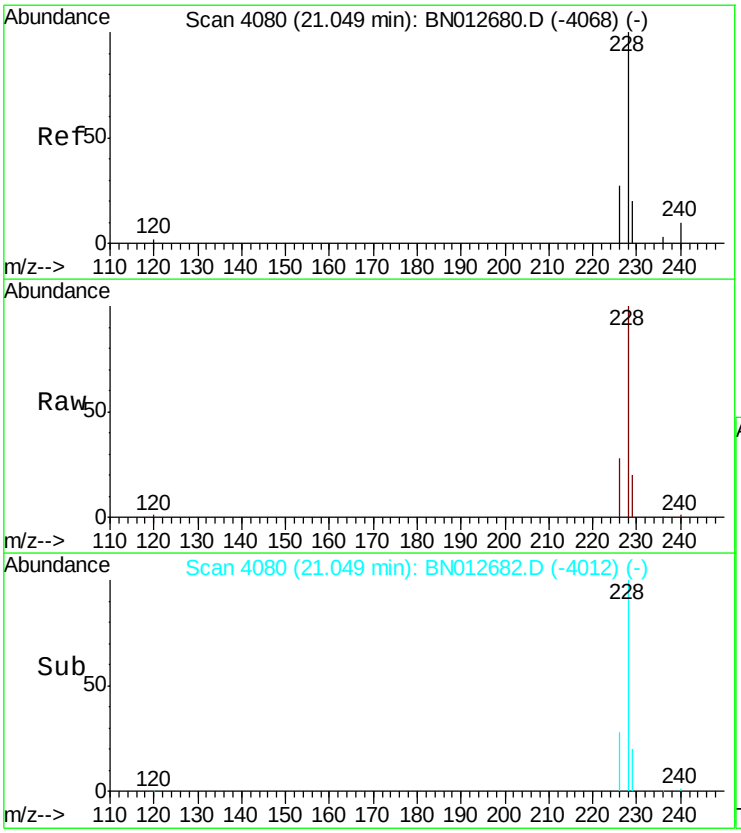
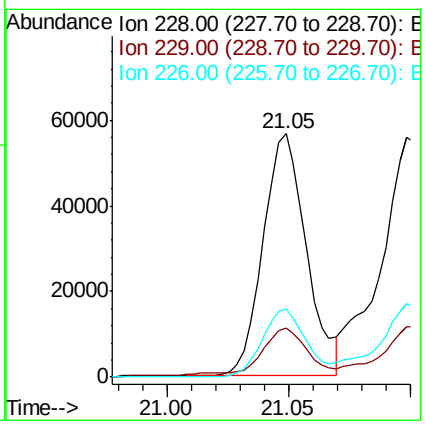
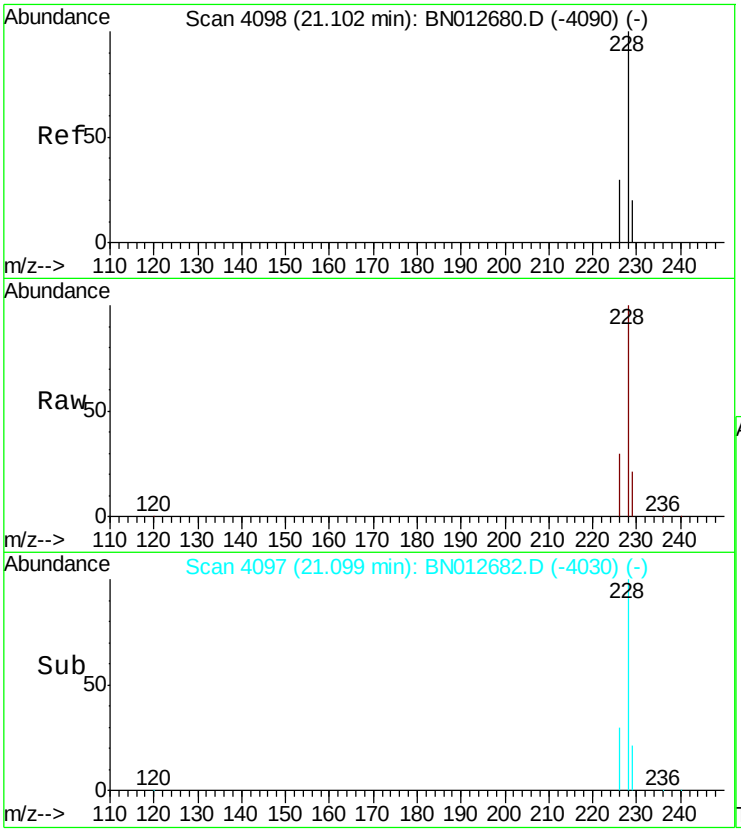


#18
Benzo(a)anthracene
Concen: 4.419 ng/ul
RT: 21.05 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:228 Resp: 70014

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.9	25.3
226	27.8	23.1	34.7

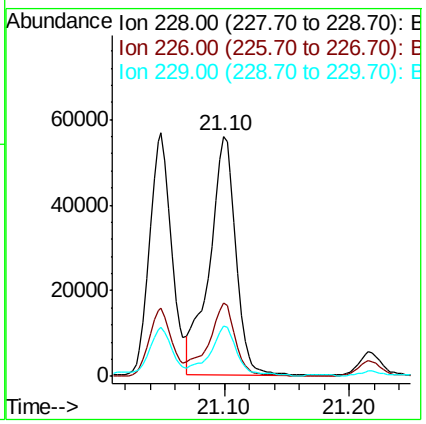




#19
Chrysene
Concen: 4.170 ng/ul
RT: 21.10 min Scan# 4097
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:228 Resp: 82519

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.7	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
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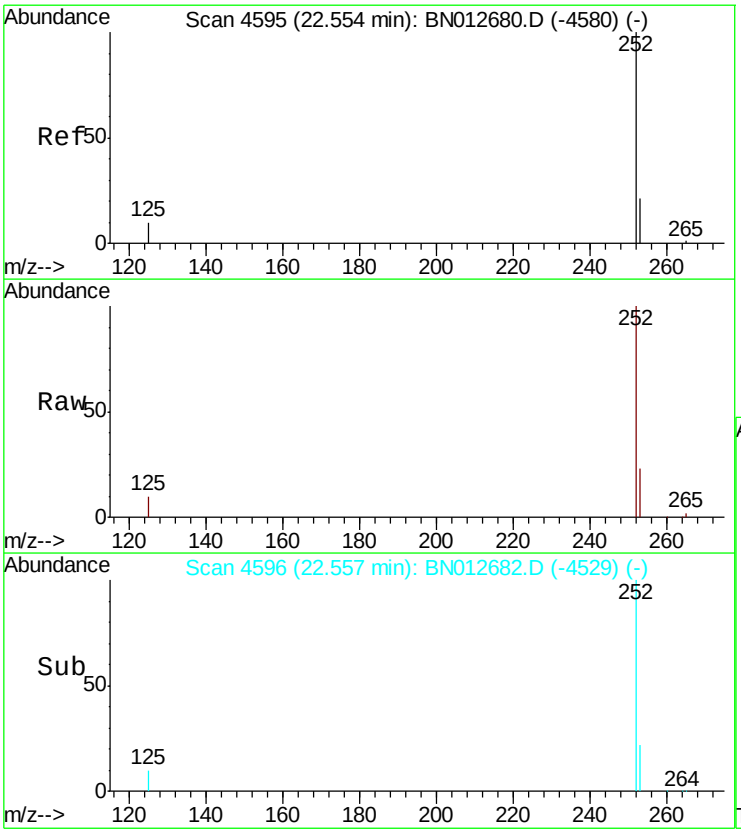
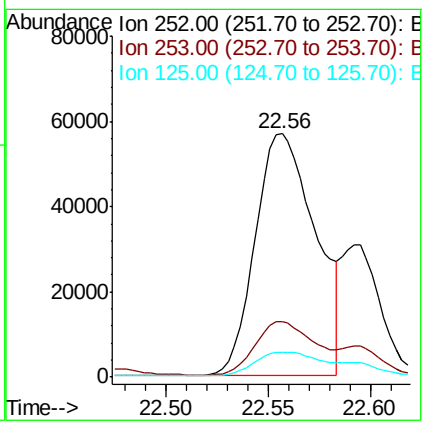
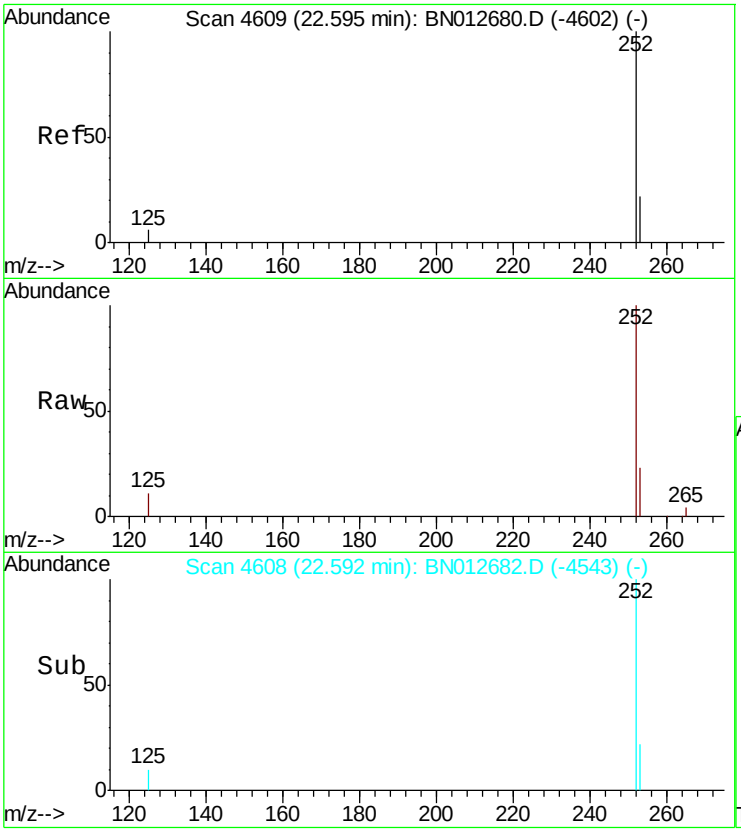


#21
Benzo(b)fluoranthene
Concen: 5.675 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:252 Resp: 116655

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	58.4
125	10.4	0.0	28.6





#22
Benzo(k)fluoranthene
Concen: 1.676 ng/ul m
RT: 22.59 min Scan# 4608
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:252 Resp: 39729

Ion	Ratio	Lower	Upper
252	100		
253	23.4	23.4	35.2#
125	10.7	10.2	15.2

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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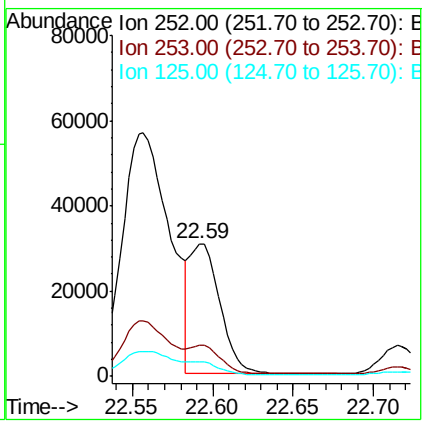
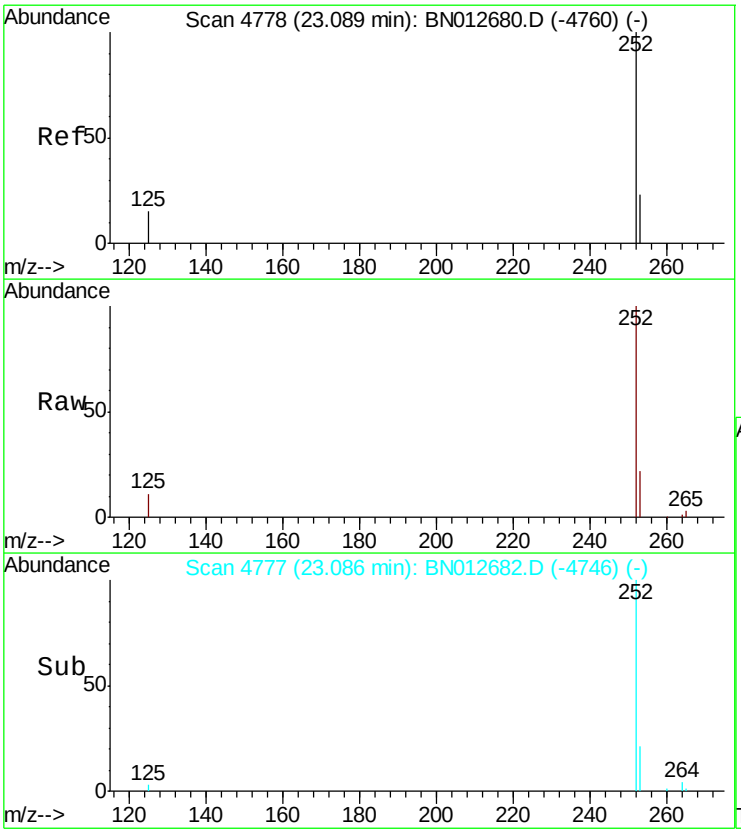
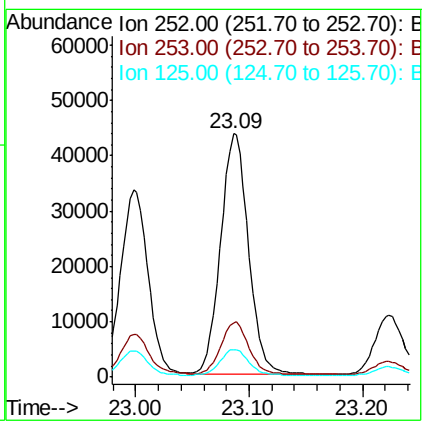


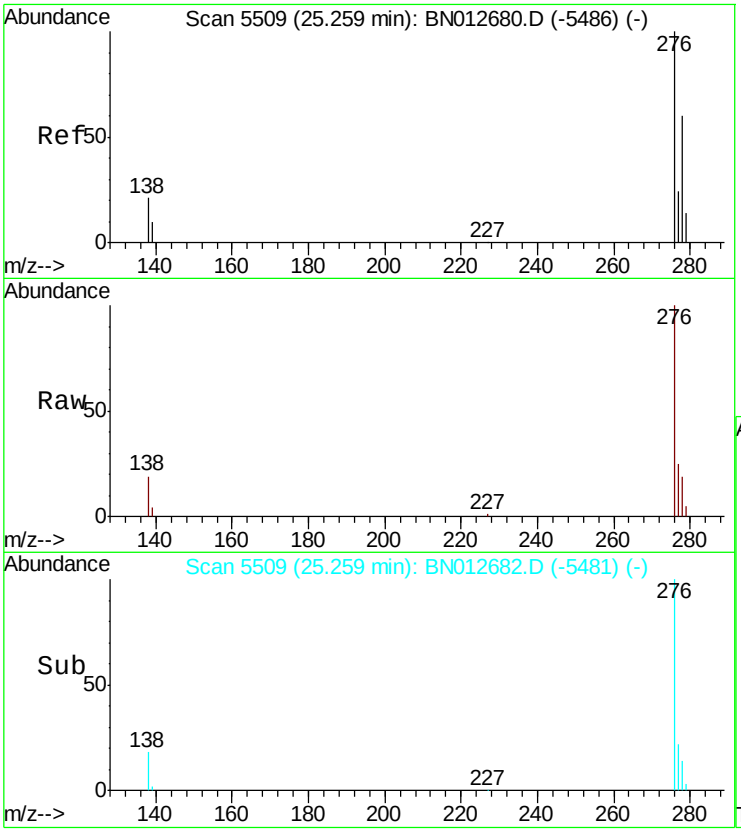


#23
Benzo(a)pyrene
Concen: 3.858 ng/ul
RT: 23.09 min Scan# 4777
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:252 Resp: 74627

Ion	Ratio	Lower	Upper
252	100		
253	22.4	27.6	41.4#
125	11.4	17.0	25.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.266 ng/ul
RT: 25.26 min Scan# 5509
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:276 Resp: 57333

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.5	24.7
227	0.2	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
C0AX2DL

Manual Integrations APPROVED
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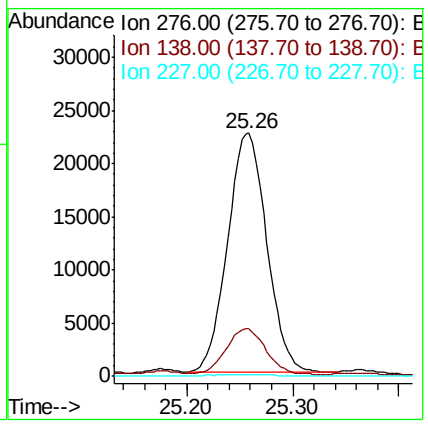
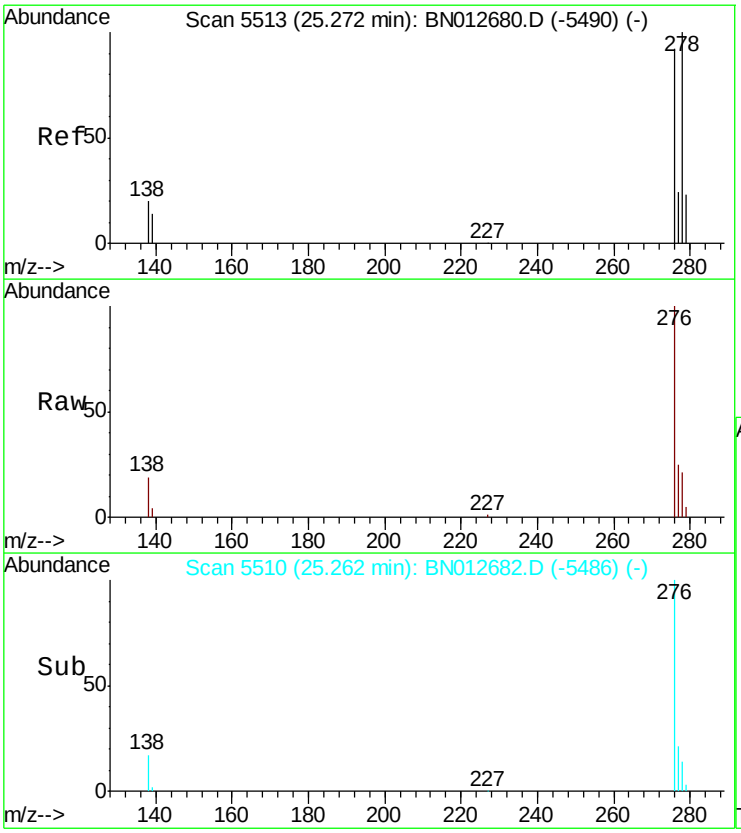
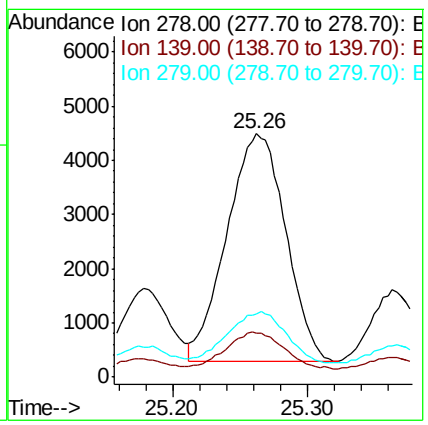


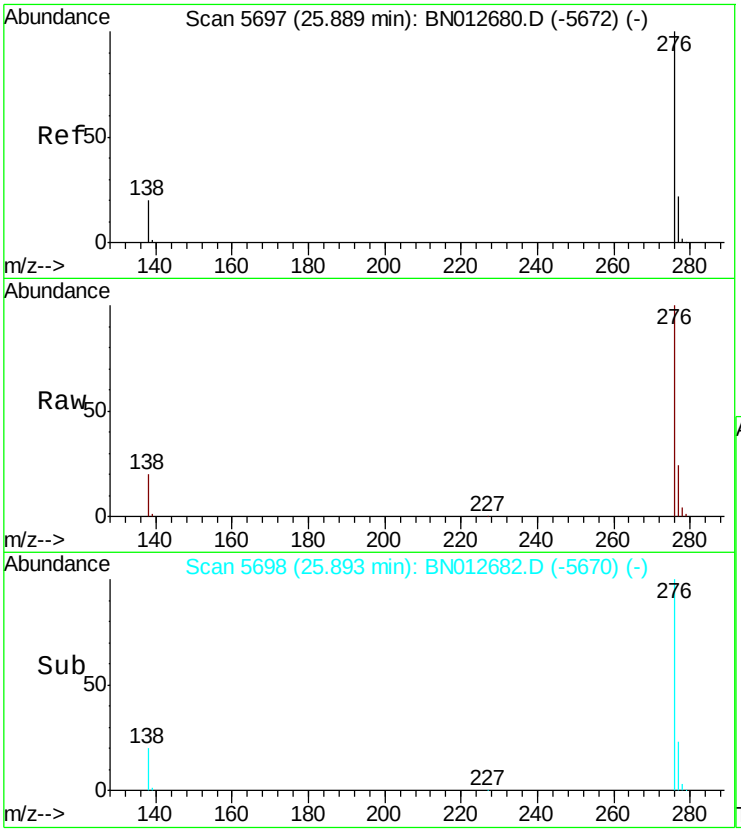


#25
Dibenzo(a,h)anthracene
Concen: 0.625 ng/ul
RT: 25.26 min Scan# 5510
Delta R.T. -0.02 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:278 Resp: 12704

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.8	20.8
279	26.1	25.6	38.4

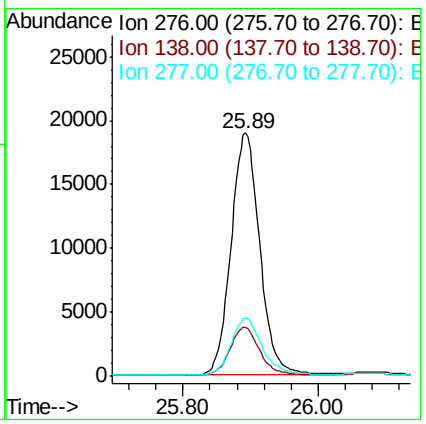




#26
Benzo(g,h,i)perylene
Concen: 2.452 ng/ul
RT: 25.89 min Scan# 5698
Delta R.T. -0.01 min
Lab File: BN012682.D
Acq: 21 Nov 2020 12:25

Tgt Ion:276 Resp: 55832

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.3	24.5
277	23.7	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
C0AX2DL

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:48 AM