Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012925.D
Acq On : 06 Dec 2020 19:41
Operator : CG/JU
Sample : L4864-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:57 PM

Quant Time: Dec 07 03:55:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	7408	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.06	164	4058	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	8328	0.40	ng/ul	0.00
16) Chrysene-d12	21.04	240	6349	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	5153	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1187	0.11	ng/ul	-0.02
14) Fluoranthene-d10	18.86	212	2645	0.12	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	570	0.027	ng/ul#	82
5) 2-Methylnaphthalene	11.84	142	354	0.025	ng/ul	93
7) Acenaphthylene	13.77	152	683	0.036	ng/ul#	83
8) Acenaphthene	14.12	153	771	0.049	ng/ul	96
9) Fluorene	15.12	166	1030	0.057	ng/ul#	95
12) Phenanthrene	16.85	178	37415	1.340	ng/ul	97
13) Anthracene	16.95	178	4403	0.185	ng/ul	97
15) Fluoranthene	18.88	202	121053	3.648	ng/ul	99
17) Pyrene	19.25	202	98652	3.290	ng/ul	98
18) Benzo(a)anthracene	21.02	228	46171	1.758	ng/ul	98
19) Chrysene	21.07	228	64930	2.237	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	79862m	3.350	ng/ul	
22) Benzo(k)fluoranthene	22.56	252	29406m	1.116	ng/ul	
23) Benzo(a)pyrene	23.05	252	43474m	1.965	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	33152	1.141	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.20	278	7613	0.331	ng/ul	96
26) Benzo(g,h,i)perylene	25.82	276	30312	1.153	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012925.D
Acq On : 06 Dec 2020 19:41
Operator : CG/JU
Sample : L4864-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Dec 07 03:55:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 03:06:53 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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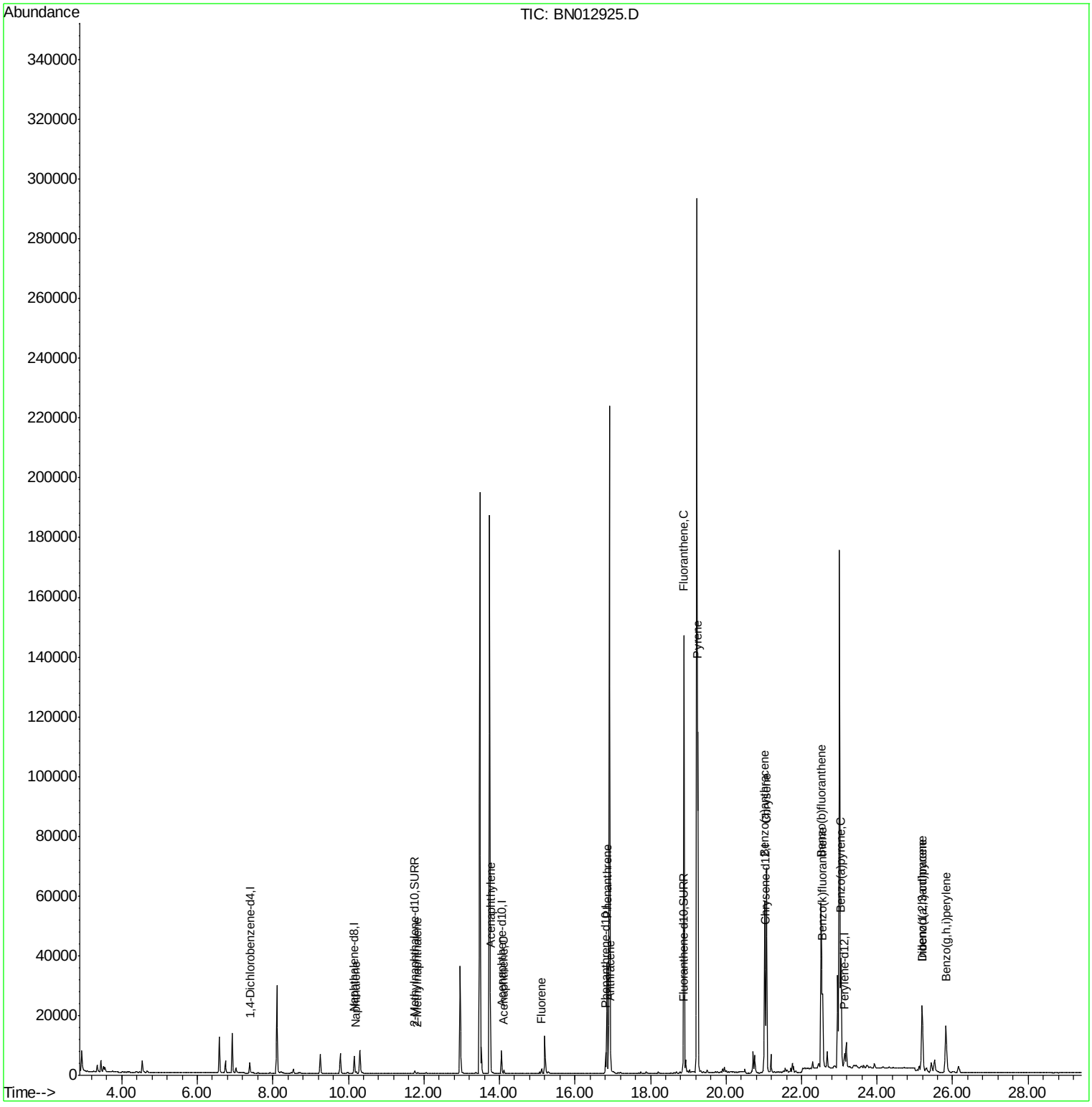

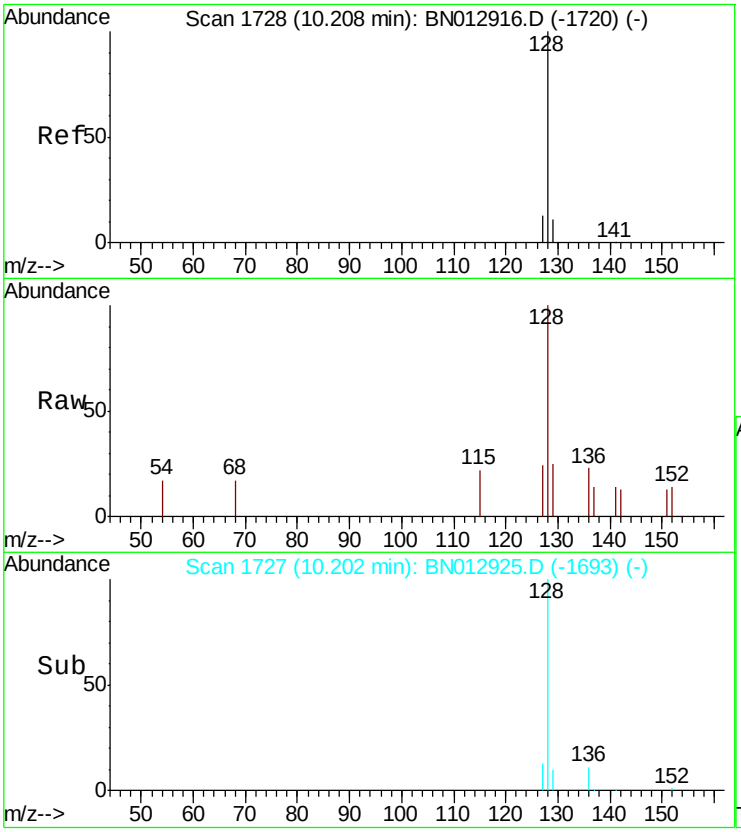

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 10.20 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:128 Resp: 570

Ion	Ratio	Lower	Upper
128	100		
129	25.1	12.3	18.5#
127	23.8	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
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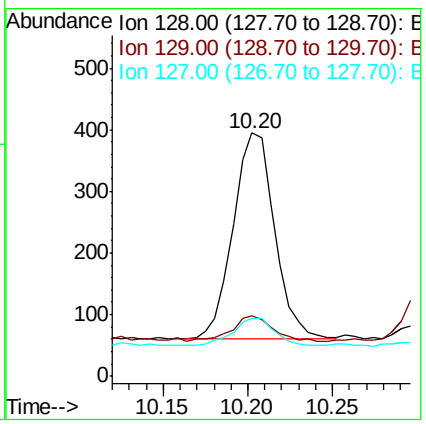
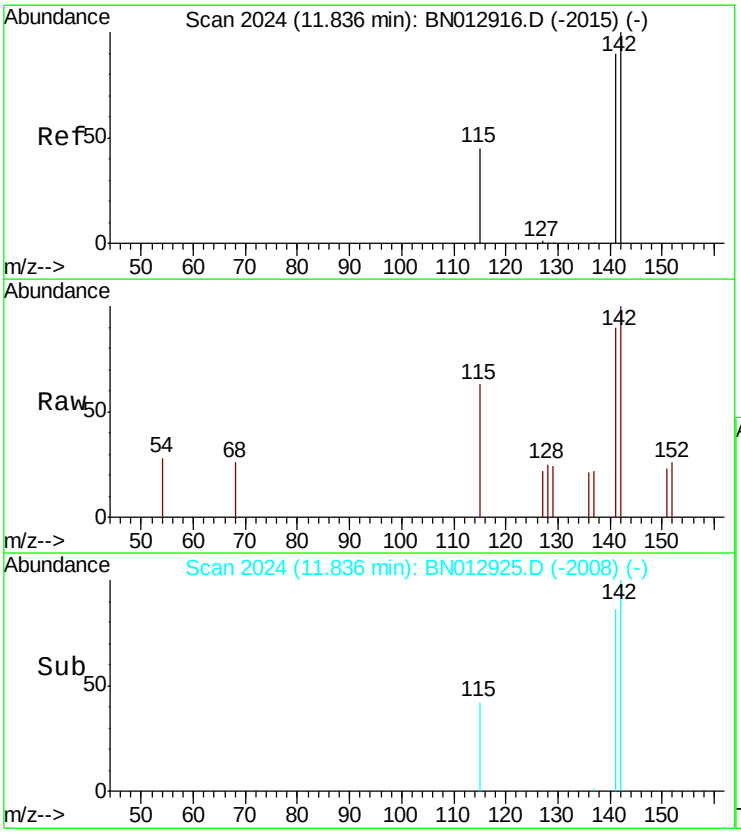
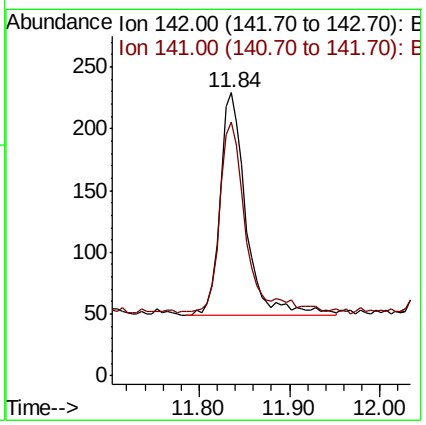


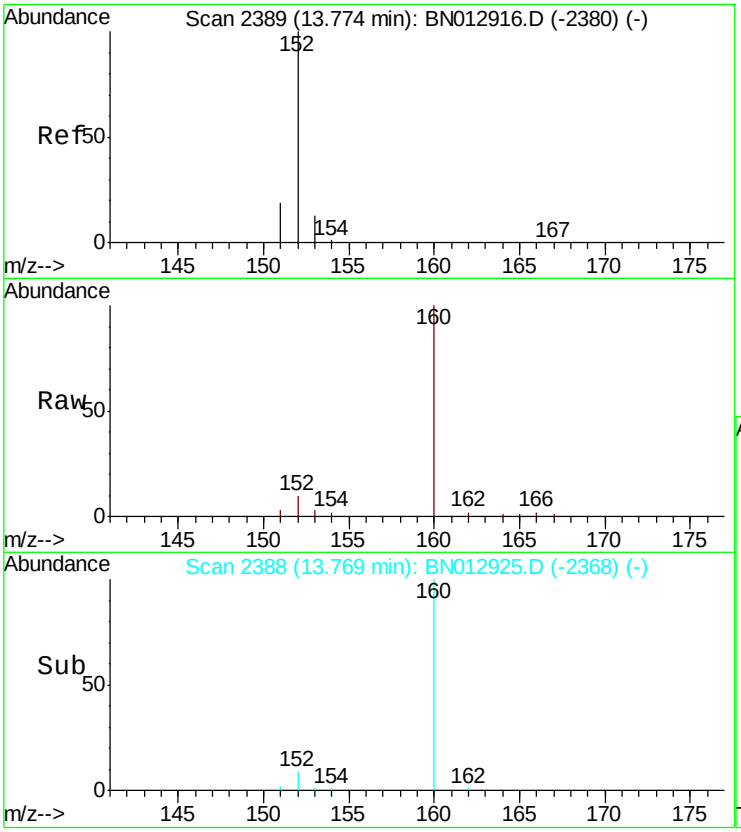


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.84 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:142 Resp: 354

Ion	Ratio	Lower	Upper
142	100		
141	84.7	73.0	109.6

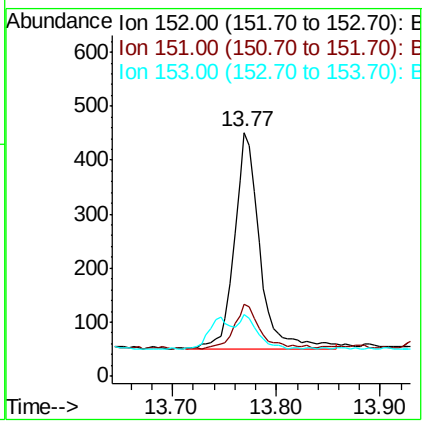




#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.77 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:152 Resp: 683

Ion	Ratio	Lower	Upper
152	100		
151	29.7	18.2	27.4#
153	25.3	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0AZ5

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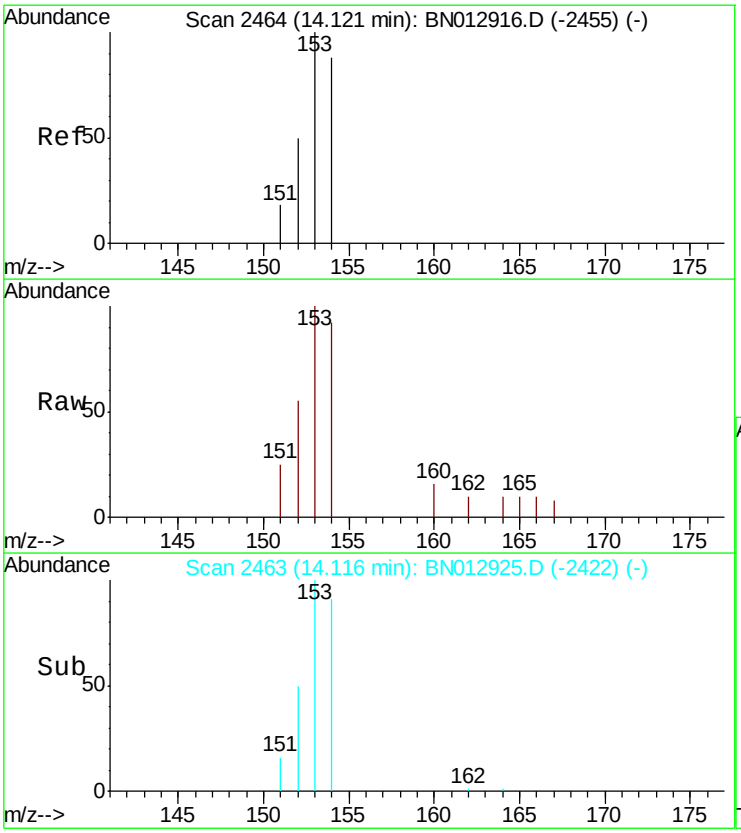
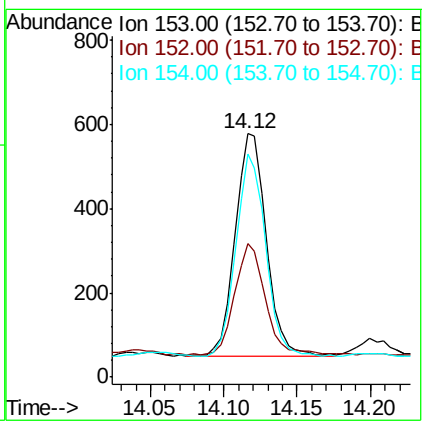
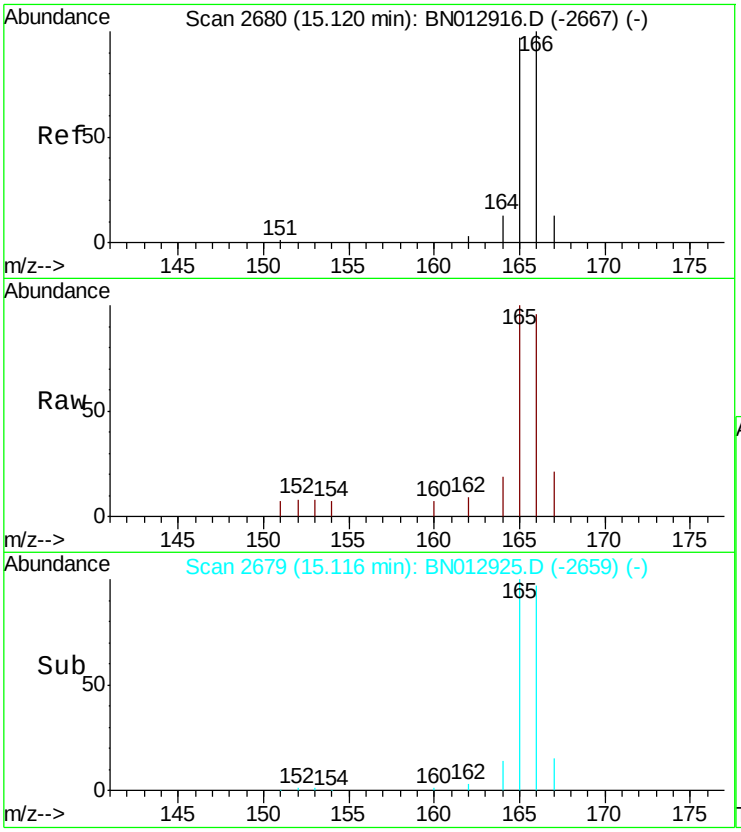


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.12 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:153 Resp: 771

Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.7	61.1
154	91.5	70.8	106.2

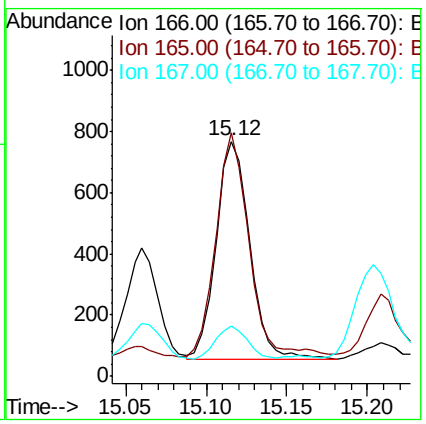




#9
Fluorene
Concen: 0.057 ng/ul
RT: 15.12 min Scan# 2679
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:166 Resp: 1030

Ion	Ratio	Lower	Upper
166	100		
165	103.8	79.8	119.8
167	21.5	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AZ5

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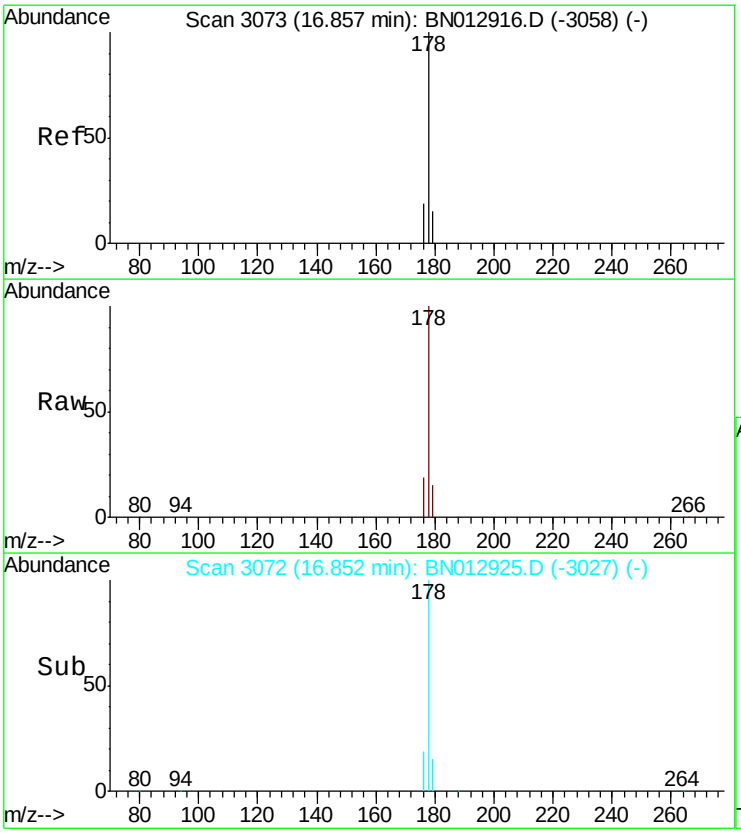
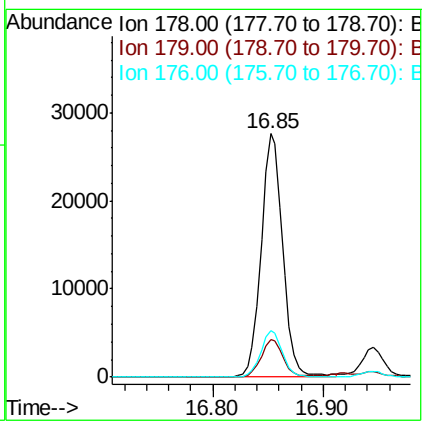
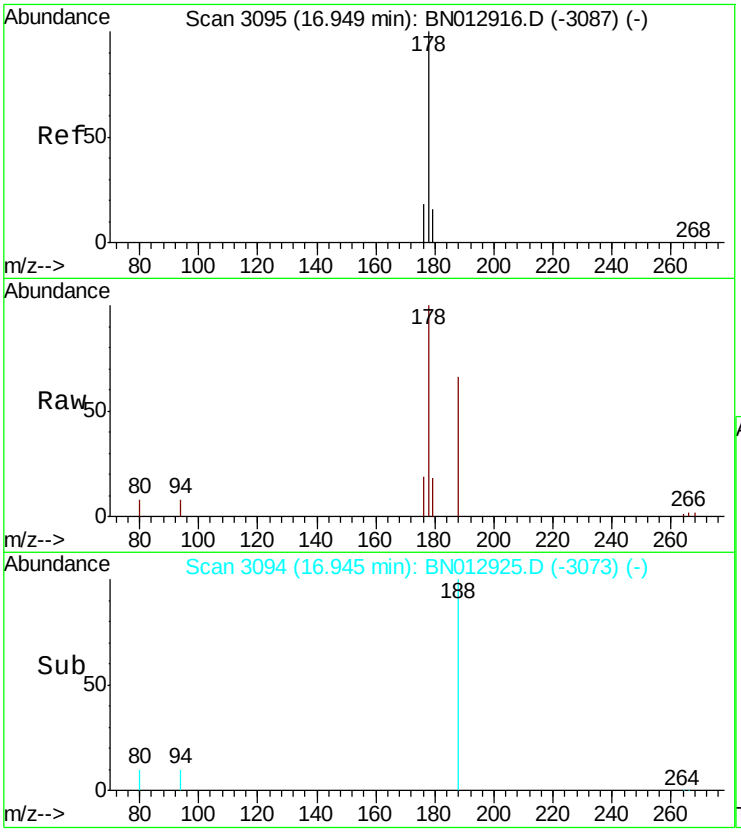


#12
Phenanthrene
Concen: 1.340 ng/ul
RT: 16.85 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:178 Resp: 37415

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	19.4	16.4	24.6

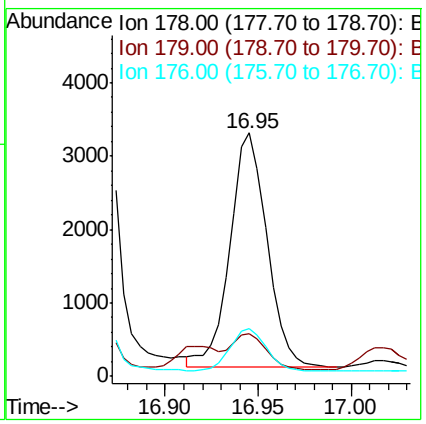




#13
Anthracene
Concen: 0.185 ng/ul
RT: 16.95 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:178 Resp: 4403

Ion	Ratio	Lower	Upper
178	100		
179	17.6	14.6	21.8
176	19.4	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0AZ5

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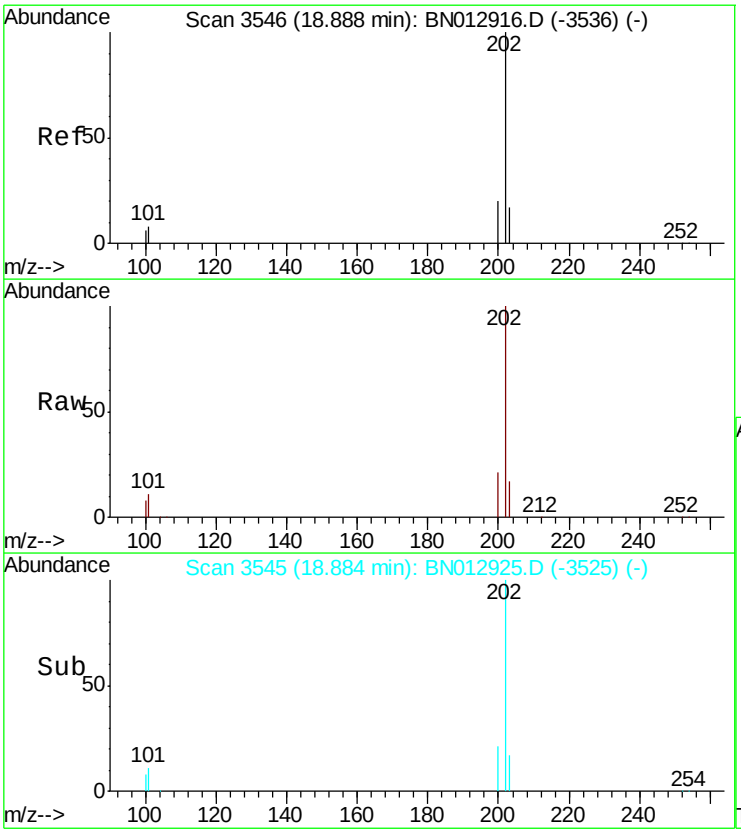
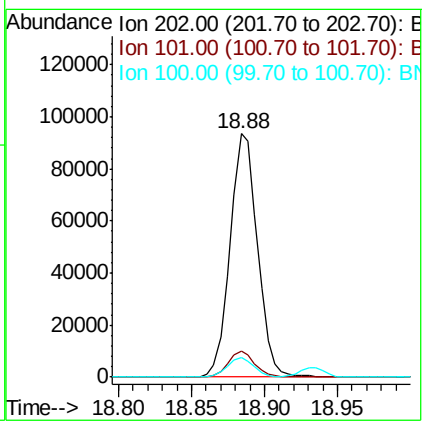
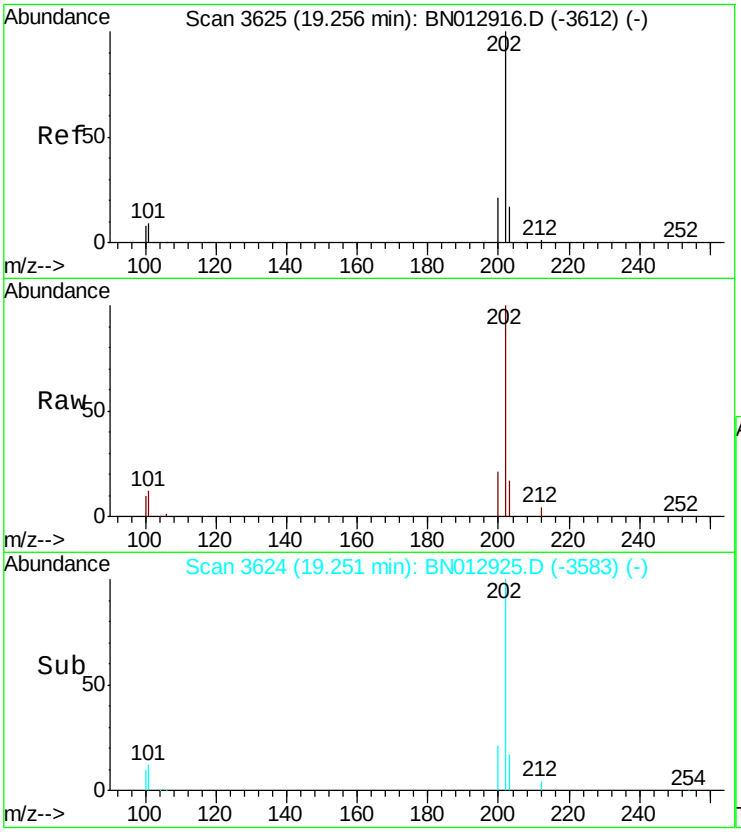


#15
Fluoranthene
Concen: 3.648 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:202 Resp: 121053

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.6
100	8.2	0.0	28.7

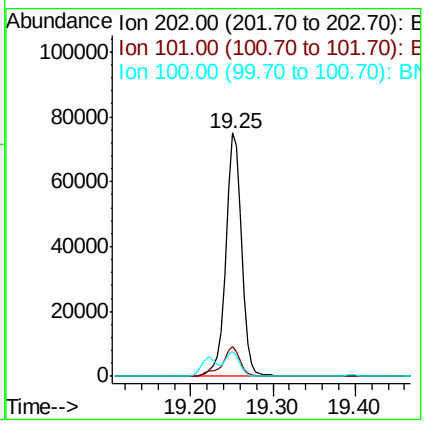




#17
Pyrene
Concen: 3.290 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:202 Resp: 98652

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	10.3	7.5	11.3



Instrument :
BNA_N
ClientSampleId :
C0AZ5

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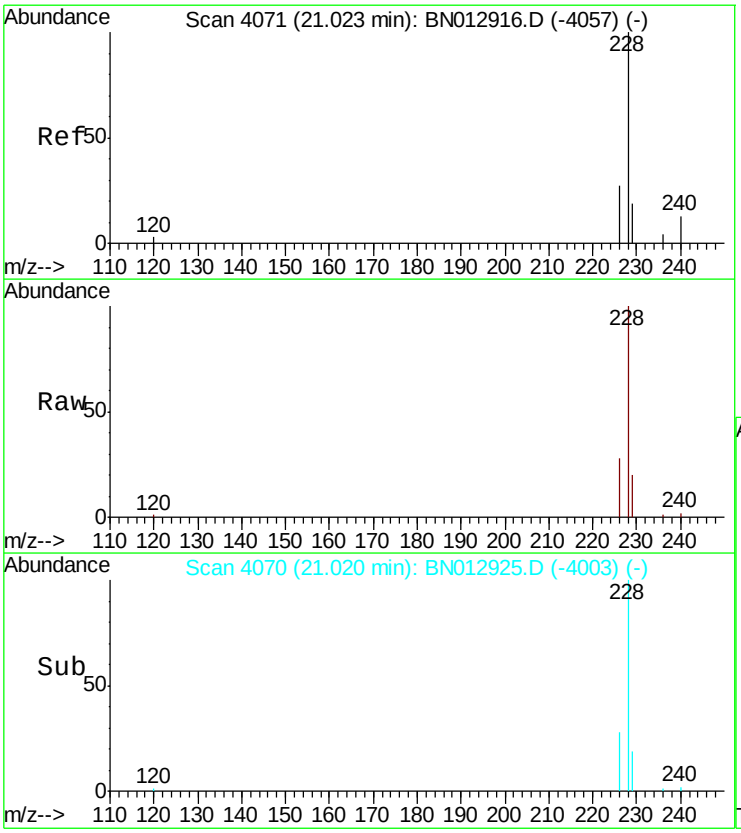
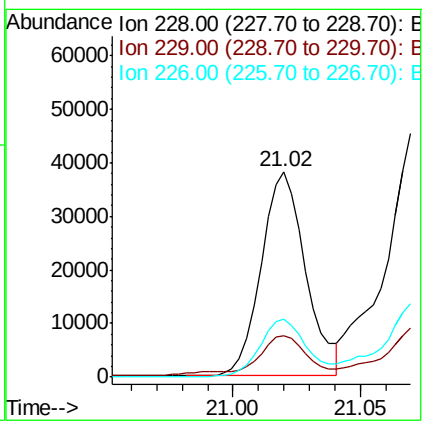
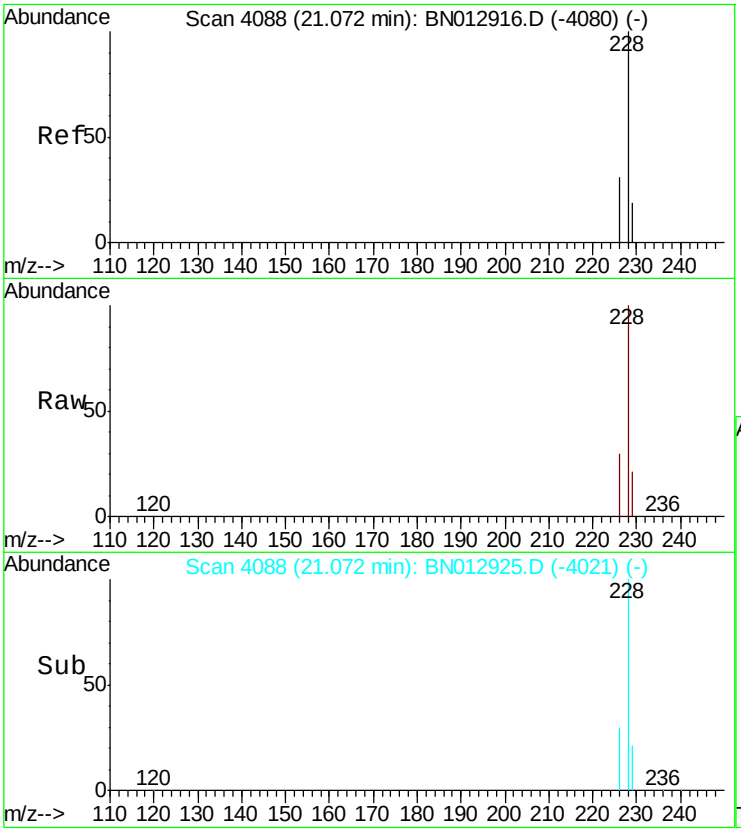


#18
Benzo(a)anthracene
Concen: 1.758 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:228 Resp: 46171

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.3	24.5
226	28.1	23.4	35.2

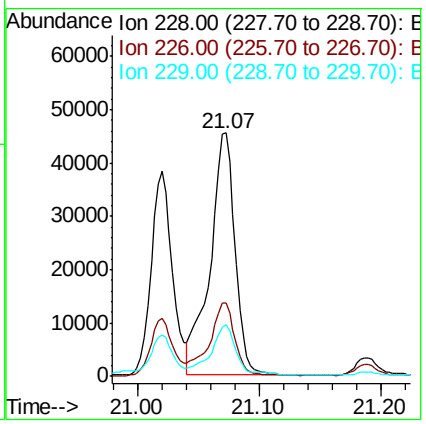




#19
Chrysene
Concen: 2.237 ng/ul
RT: 21.07 min Scan# 4088
Delta R.T. -0.00 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:228 Resp: 64930

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.2	16.4	24.6



Instrument :
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ClientSampleId :
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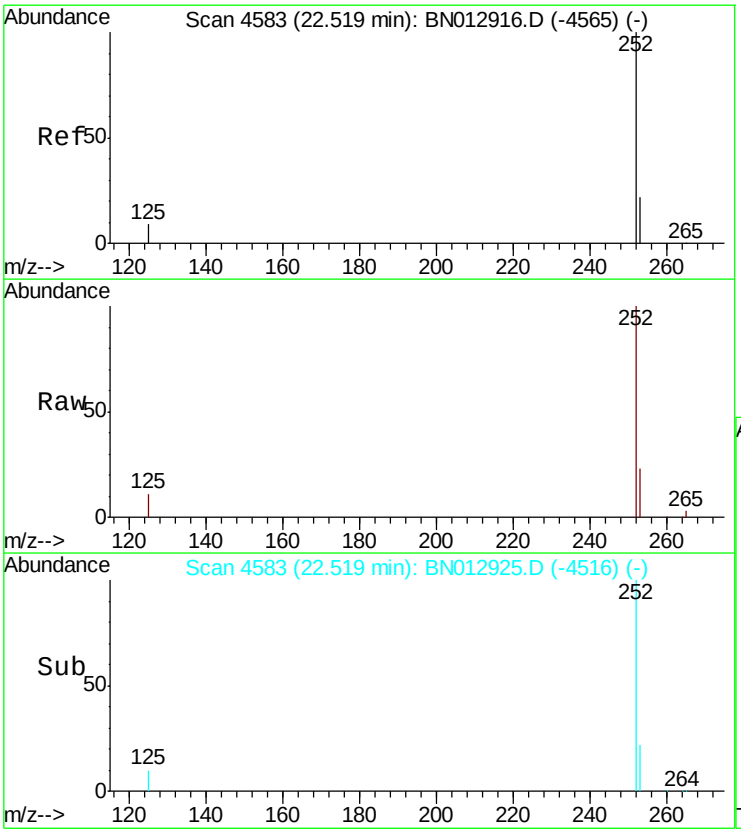
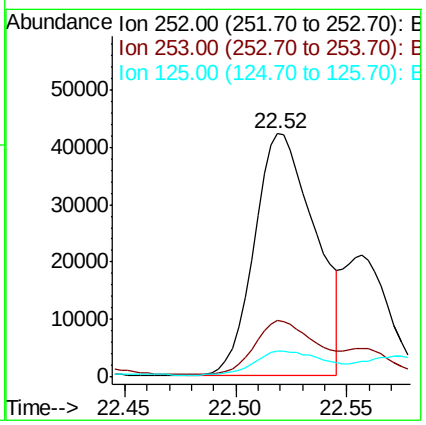
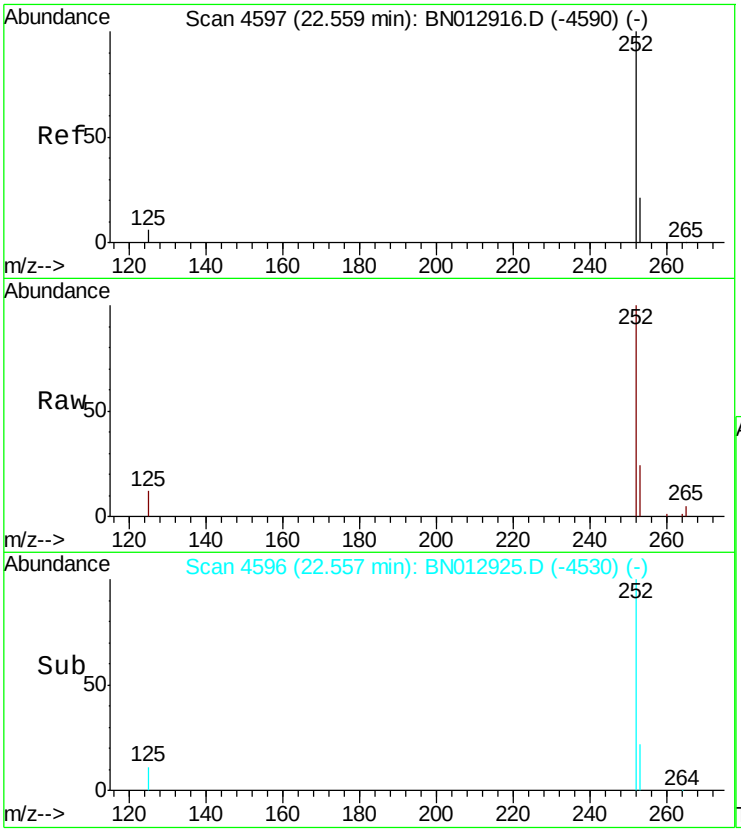


#21
Benzo(b)fluoranthene
Concen: 3.350 ng/ul m
RT: 22.52 min Scan# 4583
Delta R.T. -0.00 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:252 Resp: 79862

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	59.6
125	10.6	0.0	26.0

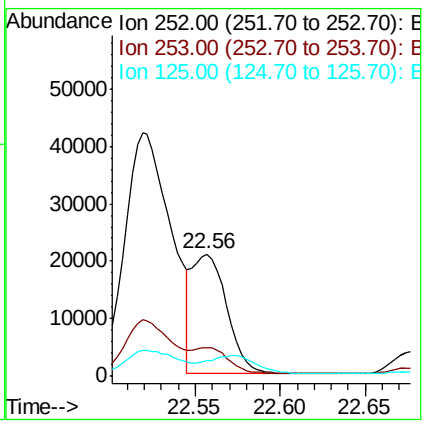




#22
Benzo(k)fluoranthene
Concen: 1.116 ng/ul m
RT: 22.56 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:252 Resp: 29406

Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.4	35.2
125	12.5	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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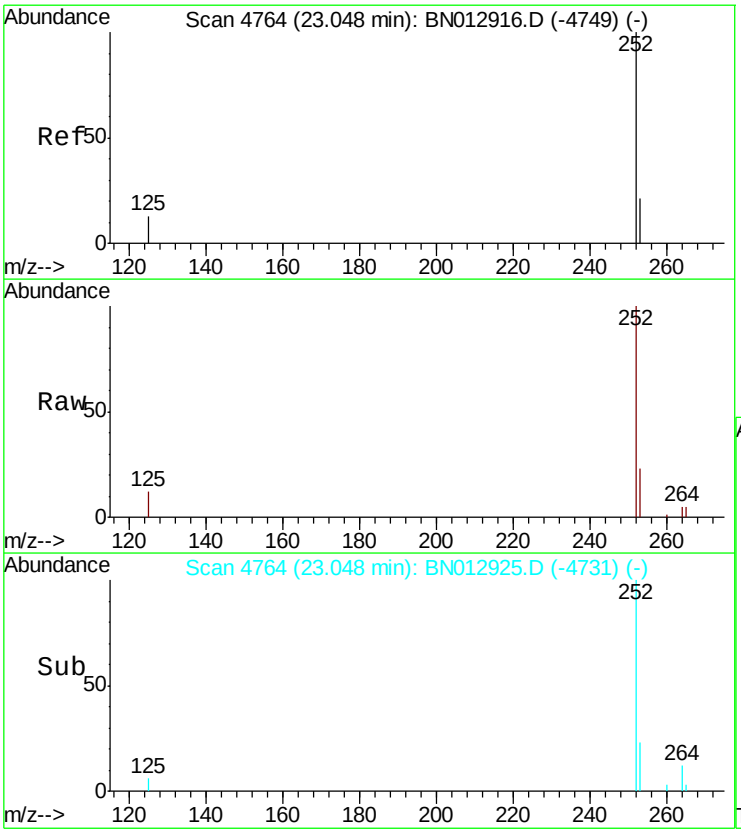
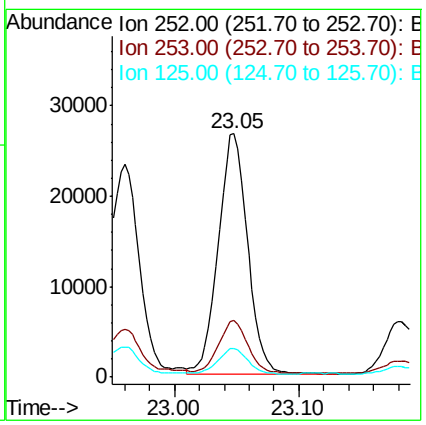
12/7/2020 2:11:57 PM

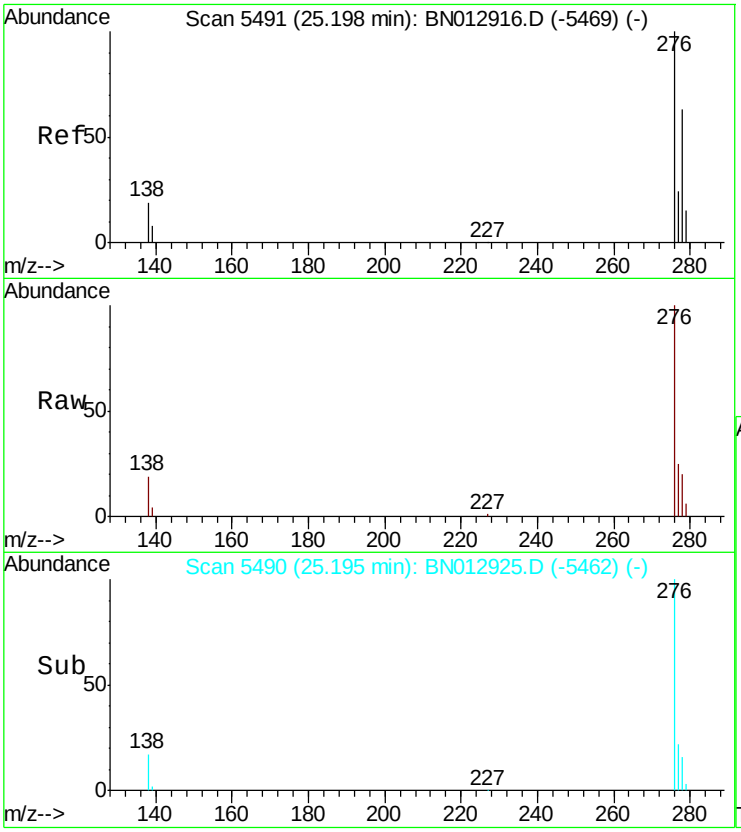


#23
Benzo(a)pyrene
Concen: 1.965 ng/ul m
RT: 23.05 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:252 Resp: 43474

Ion	Ratio	Lower	Upper
252	100		
253	23.3	26.5	39.7#
125	12.0	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.141 ng/ul
RT: 25.19 min Scan# 5490
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:276 Resp: 33152

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
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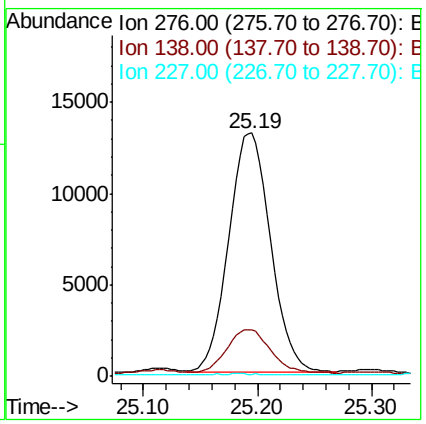
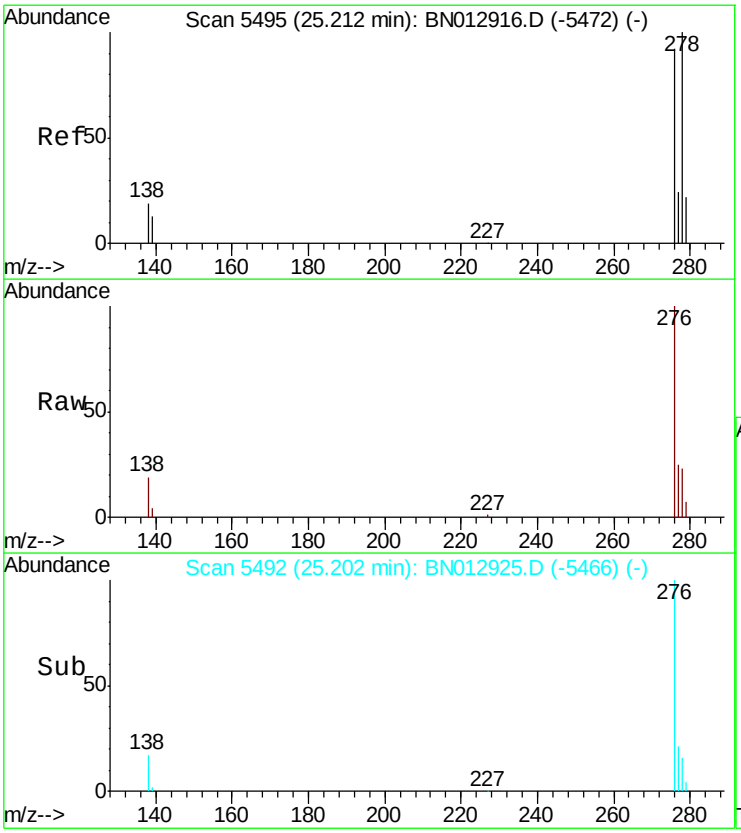
12/7/2020 2:11:57 PM

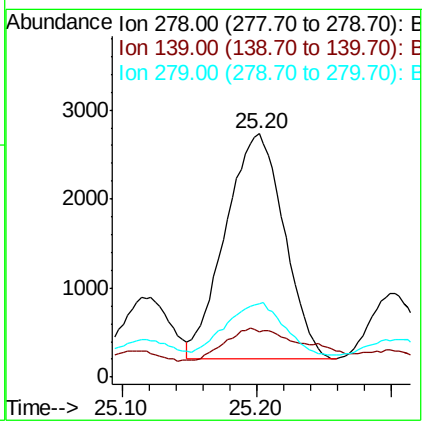


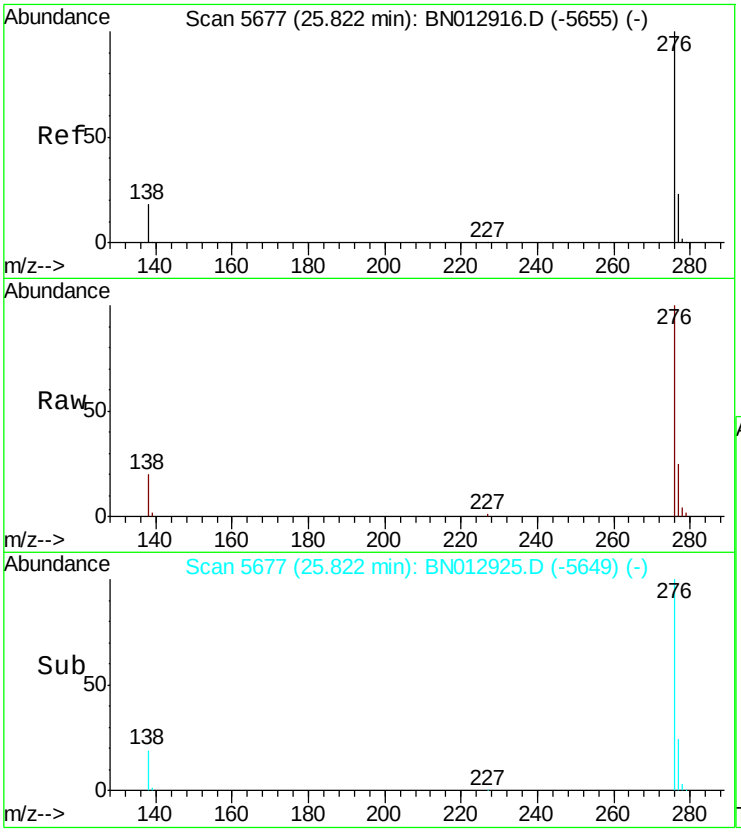


#25
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:278 Resp: 7613

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.5	21.7
279	30.1	26.3	39.5

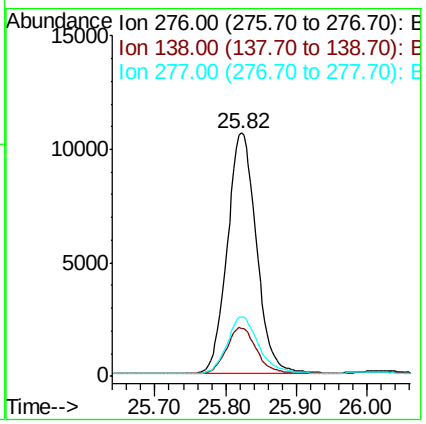




#26
Benzo(g,h,i)perylene
Concen: 1.153 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. -0.01 min
Lab File: BN012925.D
Acq: 06 Dec 2020 19:41

Tgt Ion:276 Resp: 30312

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.3	24.5
277	24.6	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0AZ5

Manual Integrations APPROVED
mohammad
12/7/2020 2:11:57 PM