Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012959.D
Acq On : 08 Dec 2020 03:44
Operator : CG/JU
Sample : L4862-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B02

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Quant Time: Dec 08 06:53:48 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 12:24:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	2846	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	1720	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	3651m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3204	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3406	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1298	0.31	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	2964	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.20	128	230	0.028	ng/ul#	55
5) 2-Methylnaphthalene	11.83	142	123	0.023	ng/ul	99
7) Acenaphthylene	13.76	152	210	0.026	ng/ul#	52
12) Phenanthrene	16.85	178	2402	0.196	ng/ul	99
13) Anthracene	16.94	178	414	0.040	ng/ul#	71
15) Fluoranthene	18.88	202	9049	0.622	ng/ul	98
17) Pyrene	19.25	202	9245	0.611	ng/ul	99
18) Benzo(a)anthracene	21.01	228	4660	0.352	ng/ul	98
19) Chrysene	21.07	228	6079	0.415	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	9007m	0.572	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	3346m	0.192	ng/ul	
23) Benzo(a)pyrene	23.04	252	5581m	0.382	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	3995	0.208	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.19	278	941	0.062	ng/ul#	59
26) Benzo(g,h,i)perylene	25.81	276	4051	0.233	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:24:06 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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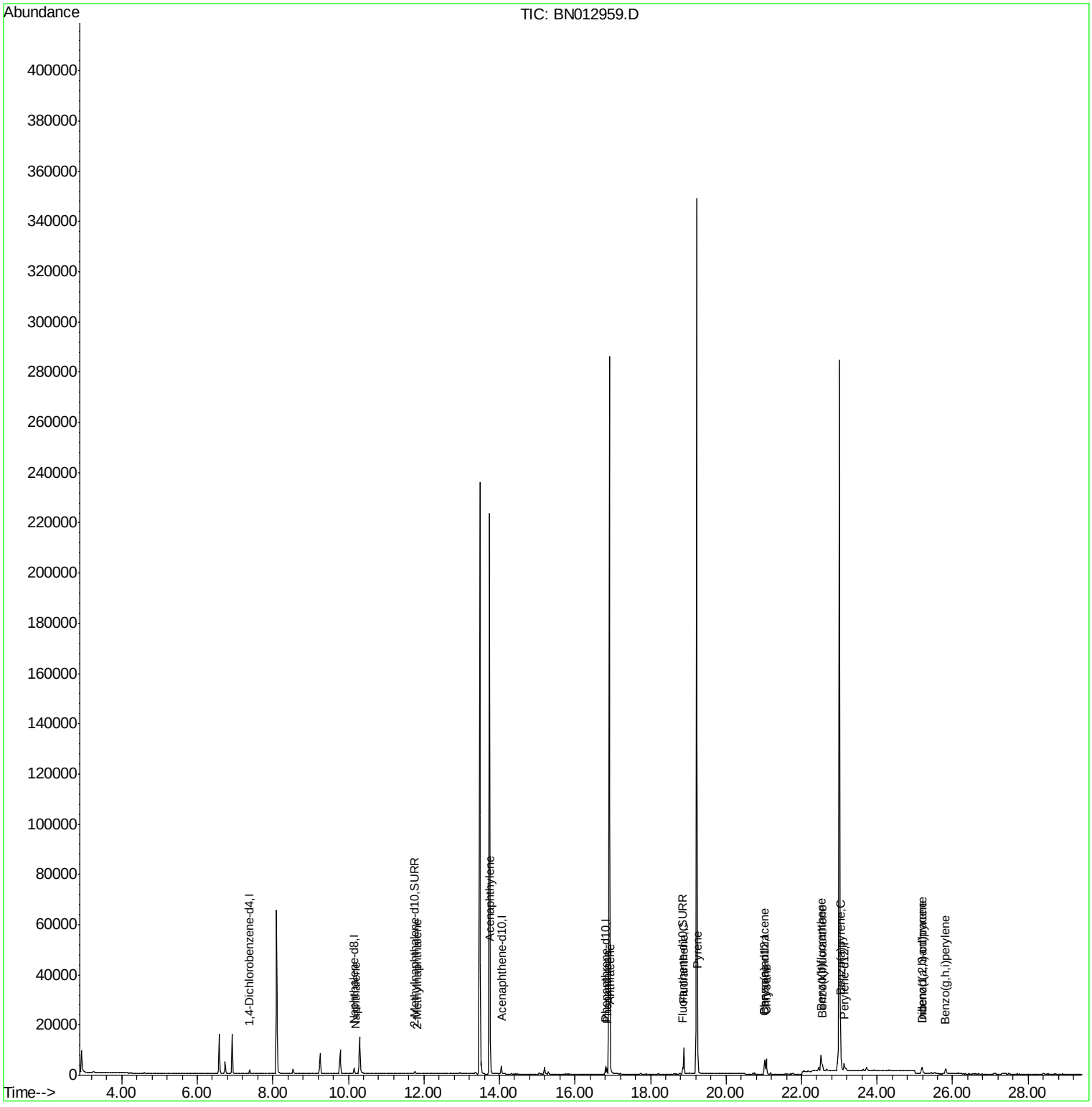

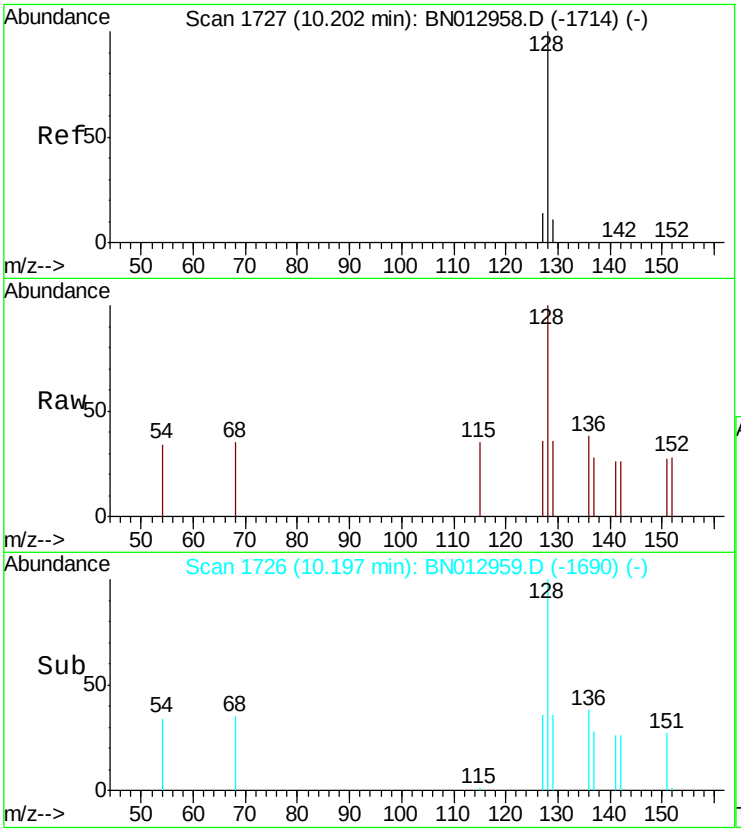

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.20 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:128 Resp: 230

Ion	Ratio	Lower	Upper
128	100		
129	36.4	12.3	18.5#
127	35.9	14.2	21.4#

Instrument :
BNA_N
ClientSampleId :
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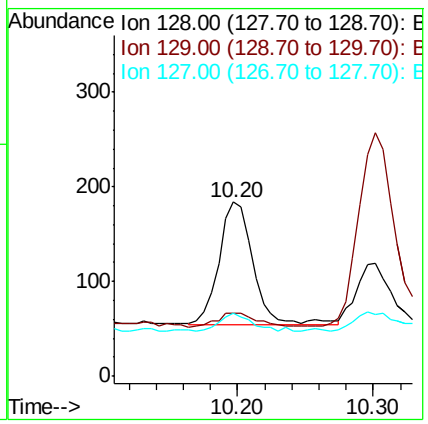
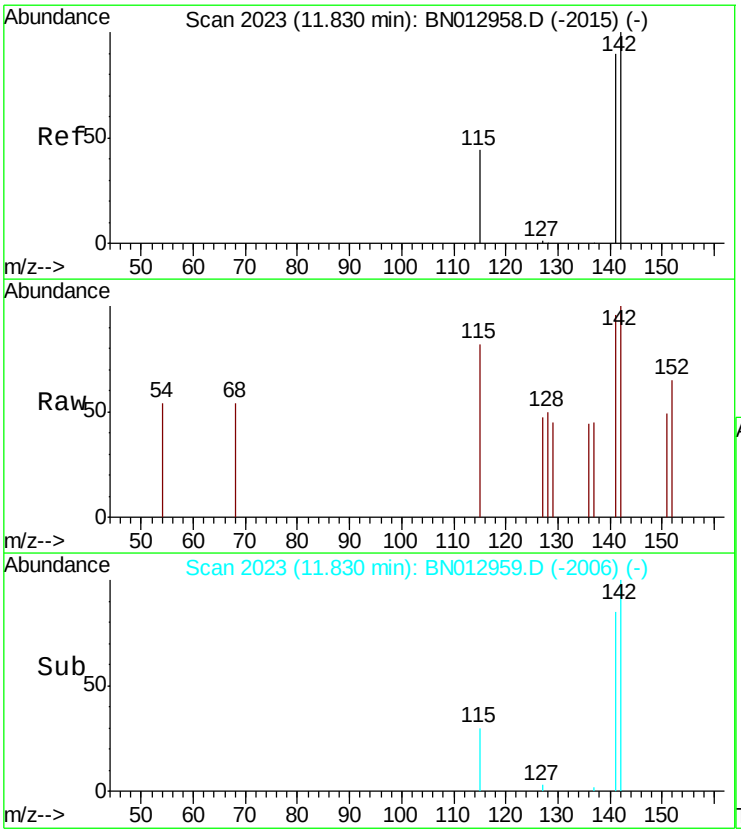
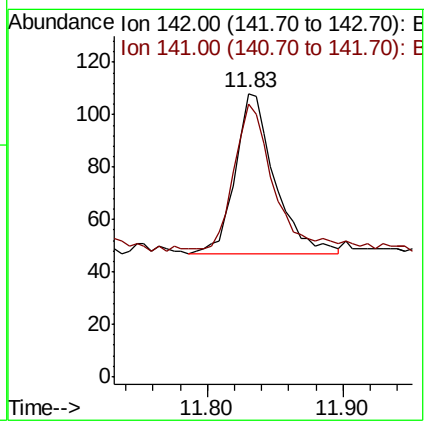


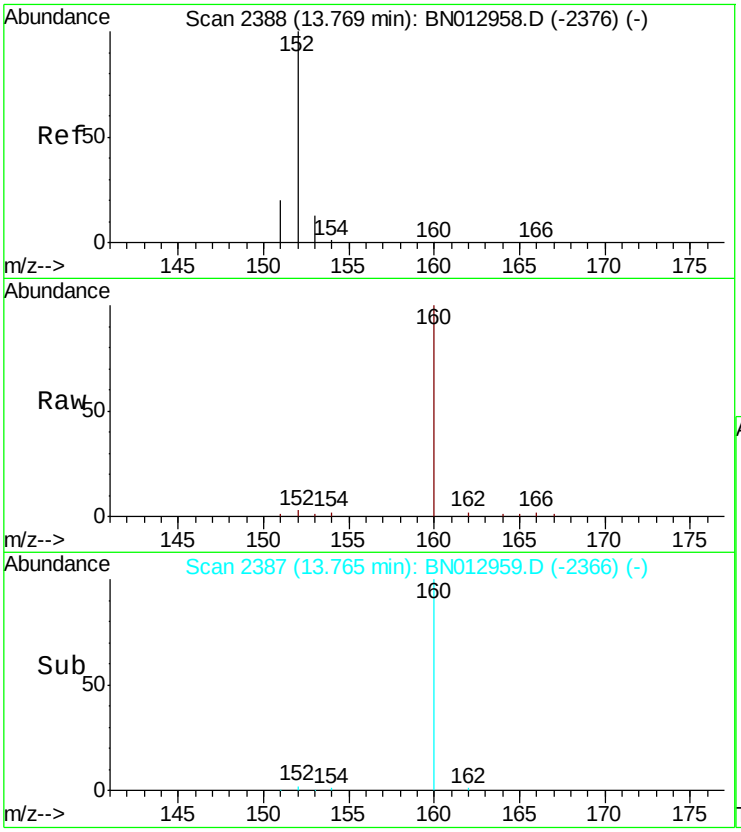


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.83 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:142 Resp: 123

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.6

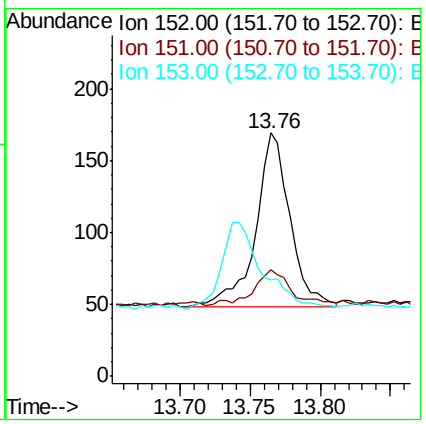




#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.76 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:152 Resp: 210

Ion	Ratio	Lower	Upper
152	100		
151	43.8	18.2	27.4#
153	39.6	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0B02

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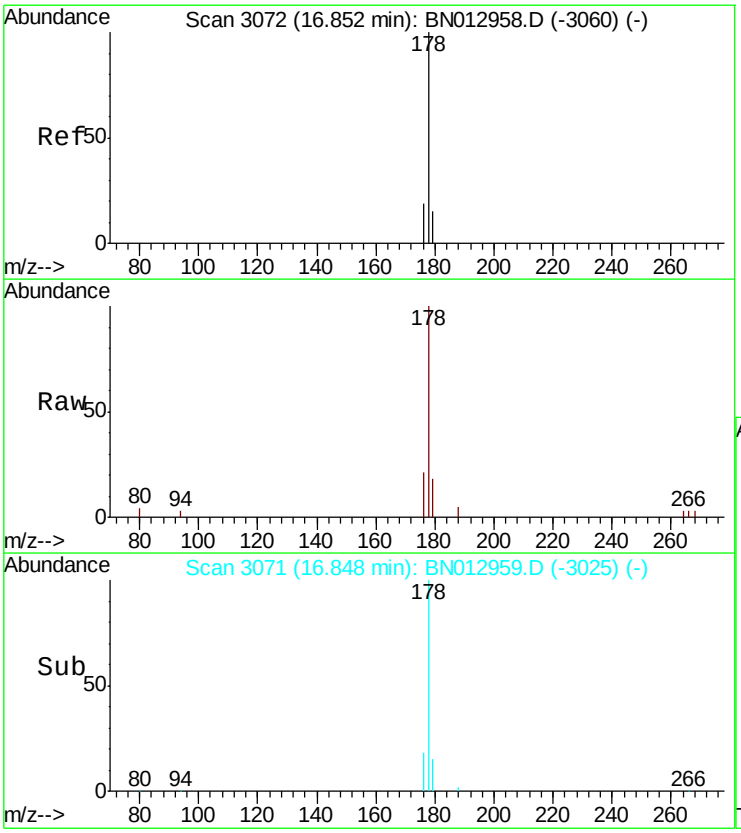
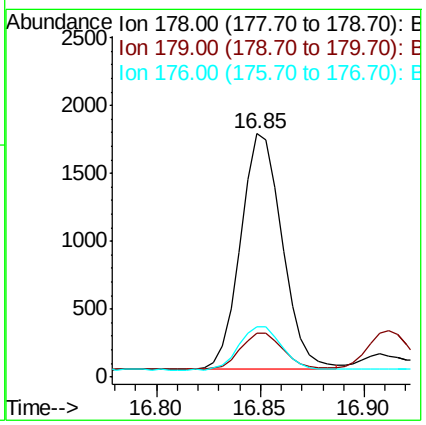
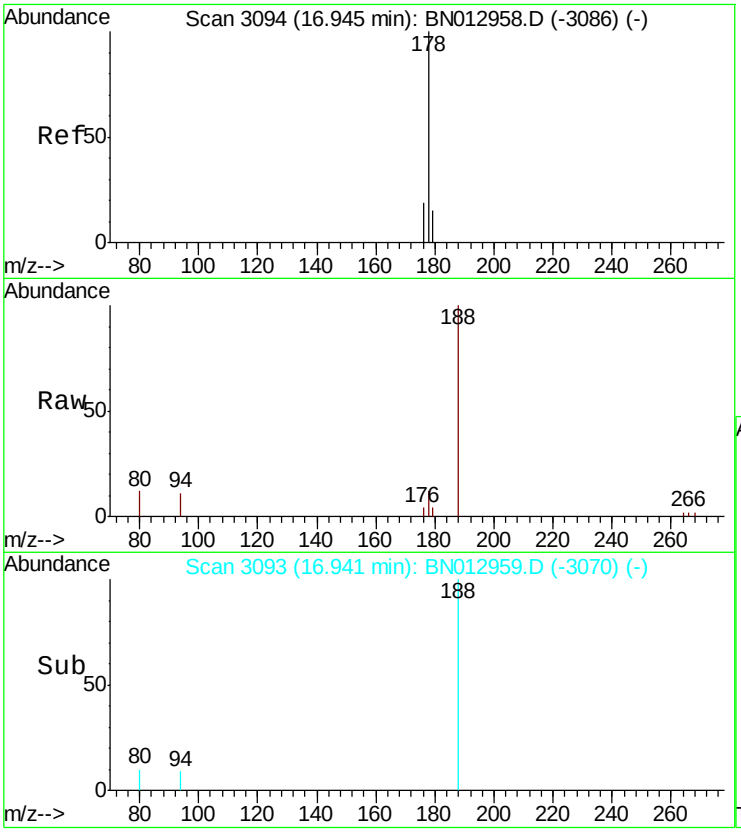


#12
Phenanthrene
Concen: 0.196 ng/ul
RT: 16.85 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:178 Resp: 2402

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.6	20.4
176	20.9	16.4	24.6





#13
Anthracene
Concen: 0.040 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:178 Resp: 414

Ion	Ratio	Lower	Upper
178	100		
179	32.7	14.6	21.8#
176	33.5	17.1	25.7#

Instrument :
BNA_N
ClientSampleId :
C0B02

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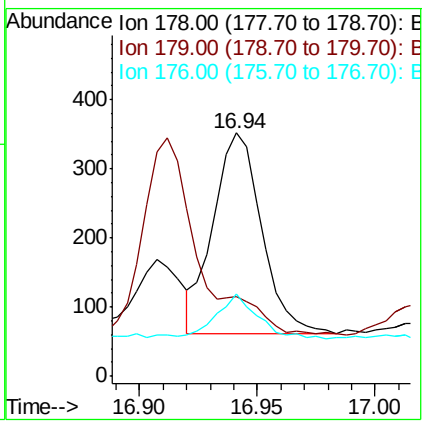
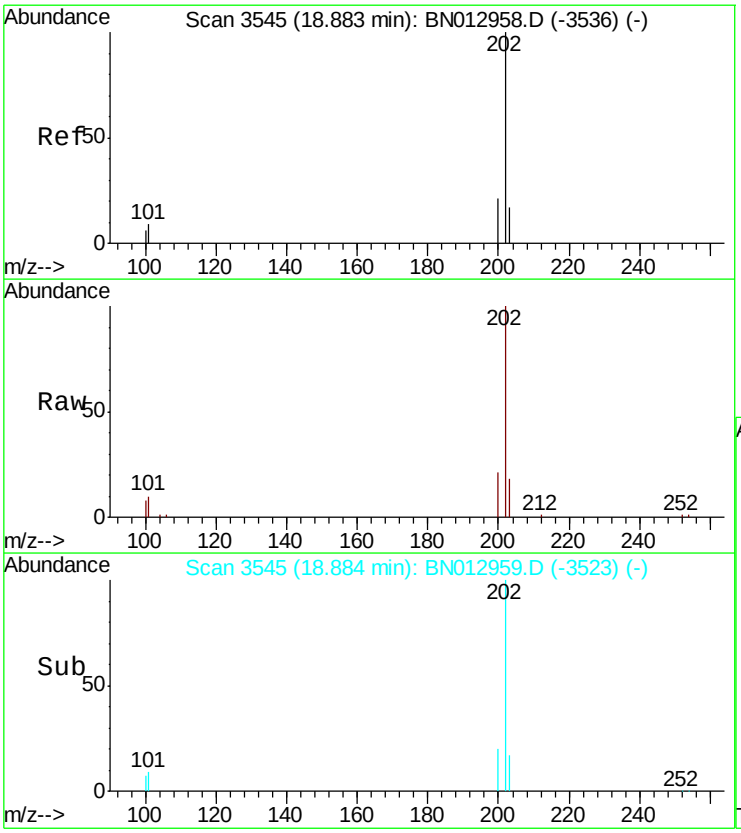
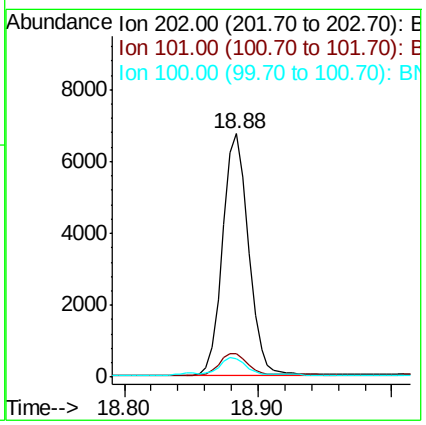


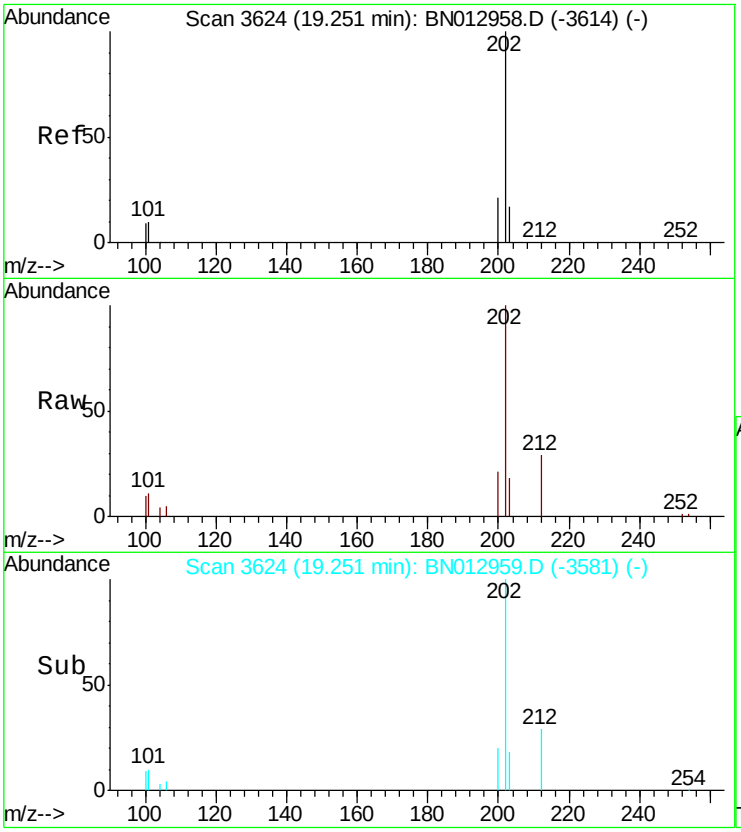


#15
Fluoranthene
Concen: 0.622 ng/ul
RT: 18.88 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:202 Resp: 9049

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	30.6
100	7.7	0.0	28.7





#17
Pyrene
Concen: 0.611 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. 0.00 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:202 Resp: 9245

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.1	13.7
100	9.7	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B02

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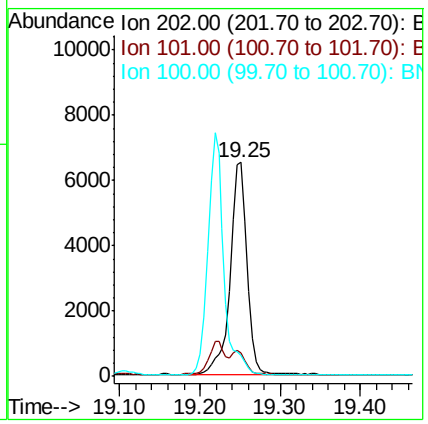
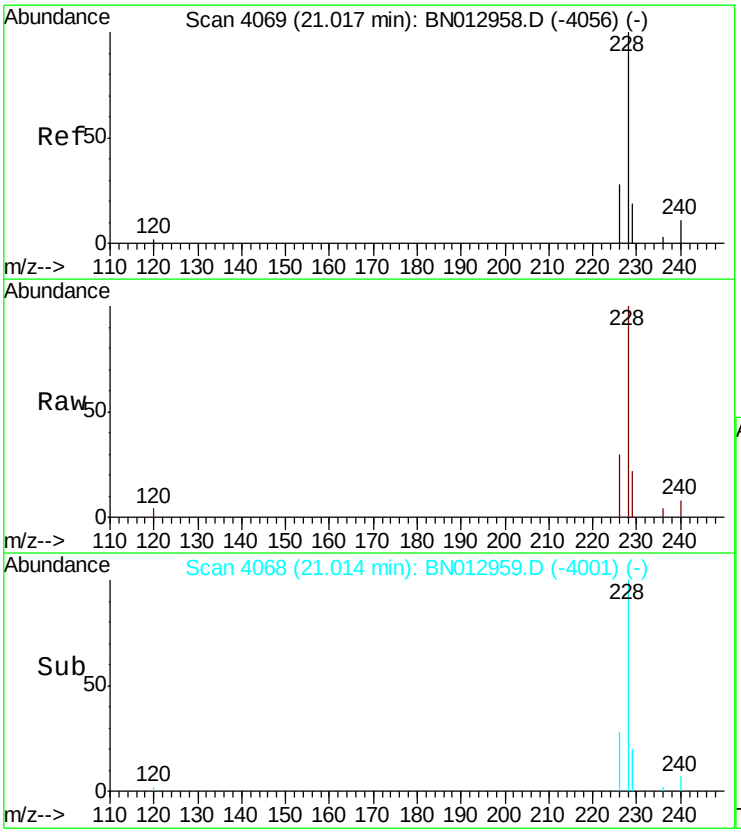
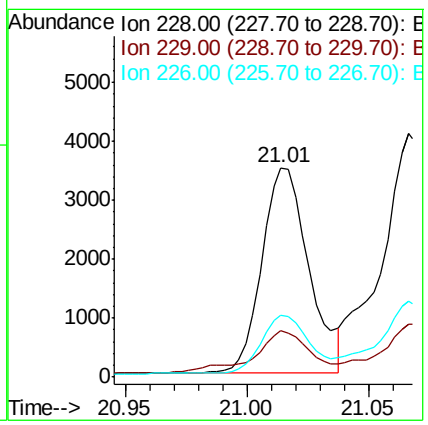


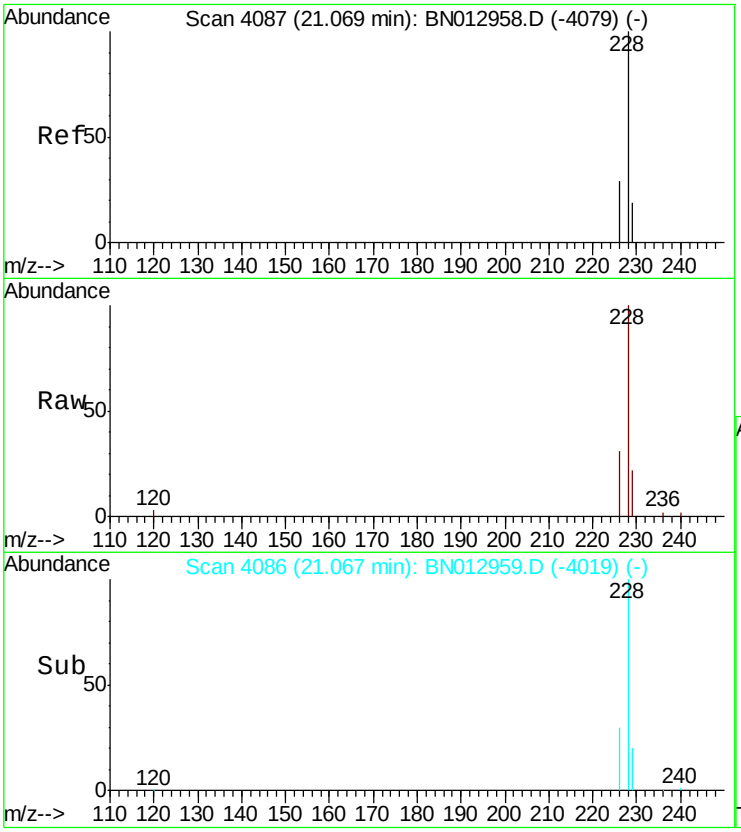


#18
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.01 min Scan# 4068
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:228 Resp: 4660

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.3	24.5
226	29.6	23.4	35.2

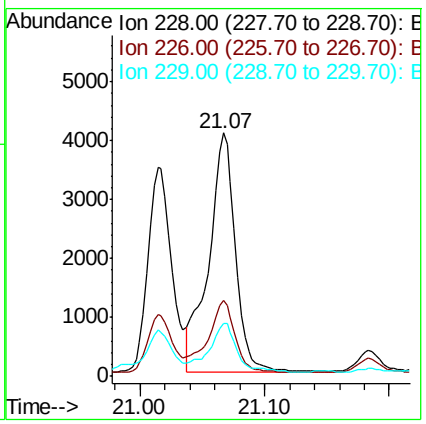




#19
Chrysene
Concen: 0.415 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:228 Resp: 6079

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.6	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B02

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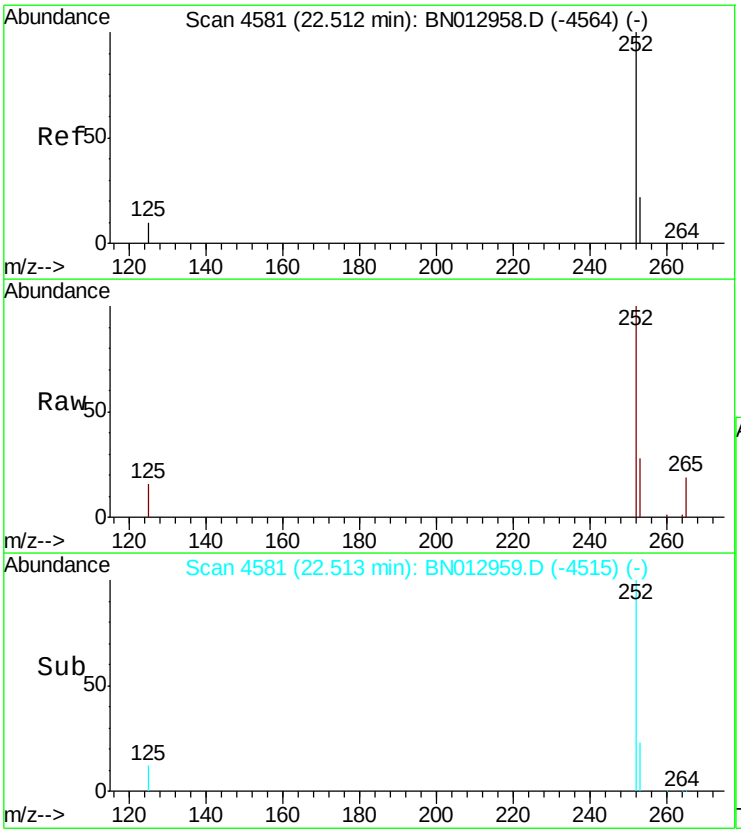
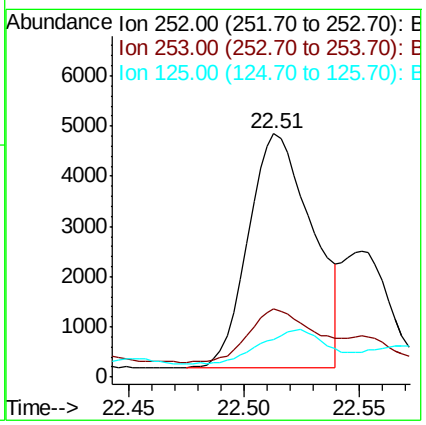
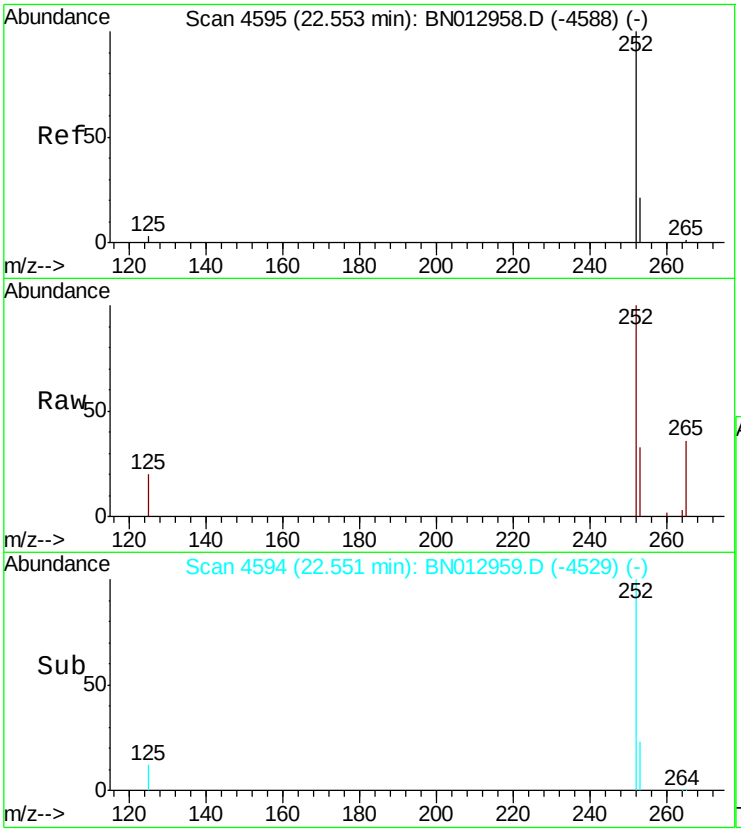


#21
Benzo(b)fluoranthene
Concen: 0.572 ng/ul m
RT: 22.51 min Scan# 4581
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:252 Resp: 9007

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	59.6
125	15.7	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 22.55 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:252 Resp: 3346

Ion	Ratio	Lower	Upper
252	100		
253	32.8	23.4	35.2
125	20.0	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0B02

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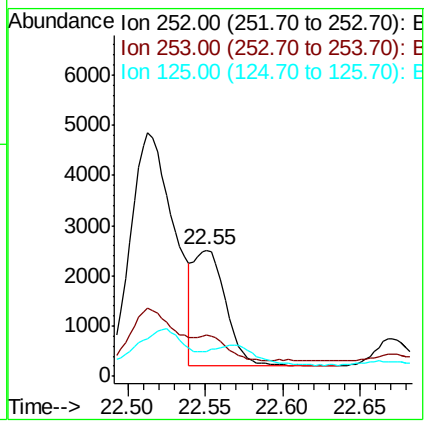
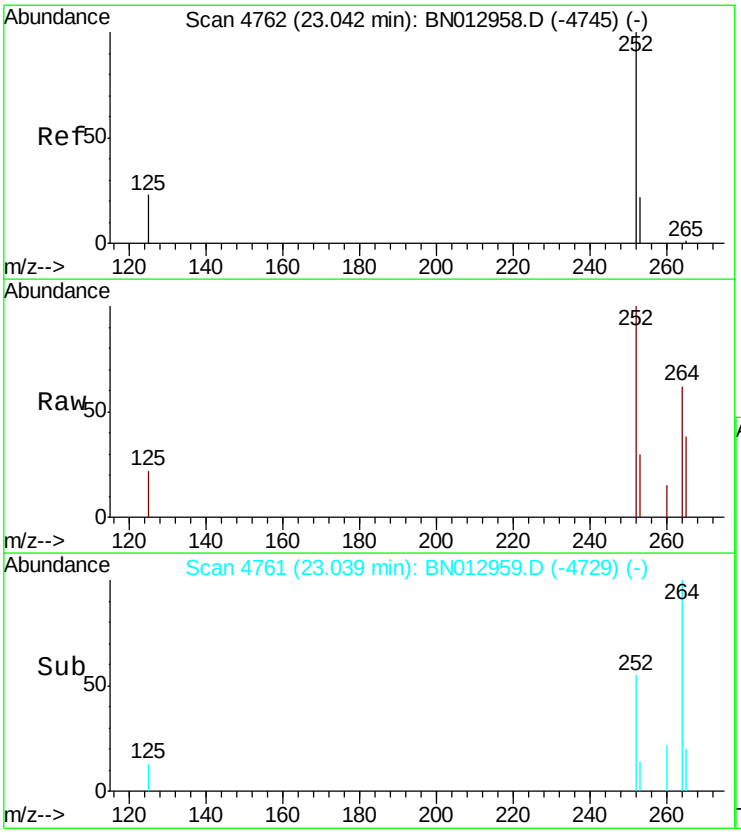
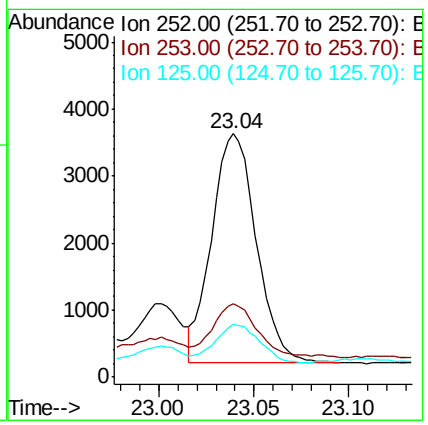


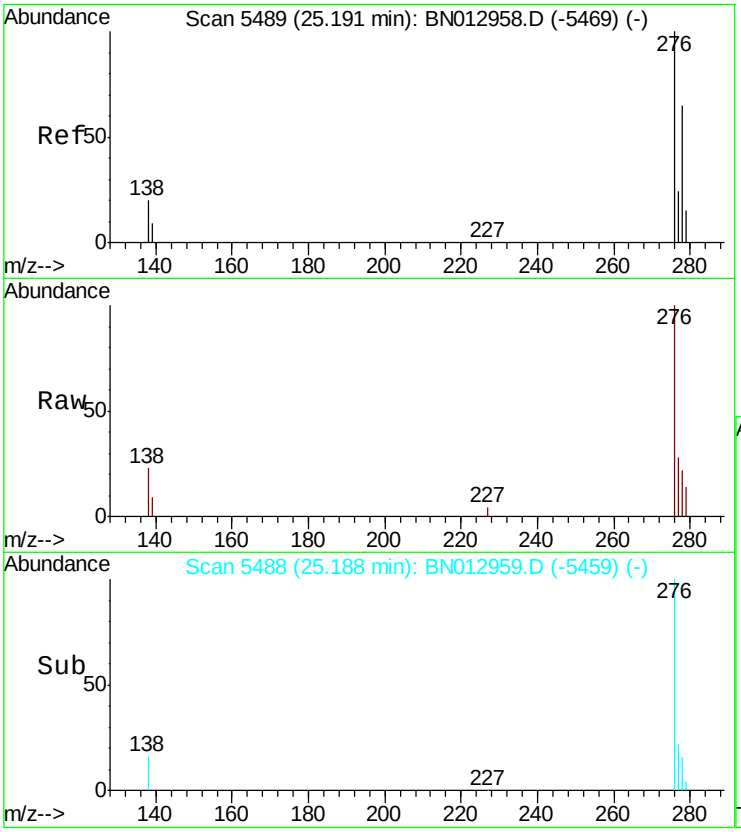


#23
Benzo(a)pyrene
Concen: 0.382 ng/ul m
RT: 23.04 min Scan# 4761
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:252 Resp: 5581

Ion	Ratio	Lower	Upper
252	100		
253	30.0	26.5	39.7
125	21.7	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:276 Resp: 3995

Ion	Ratio	Lower	Upper
276	100		
138	23.3	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B02

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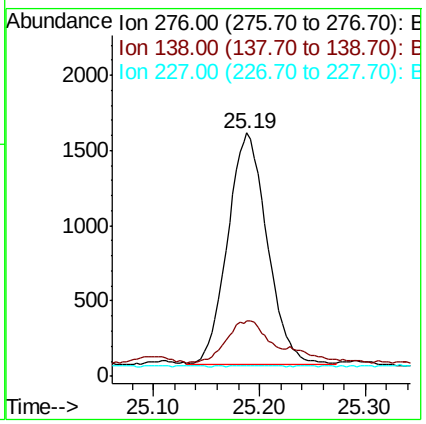
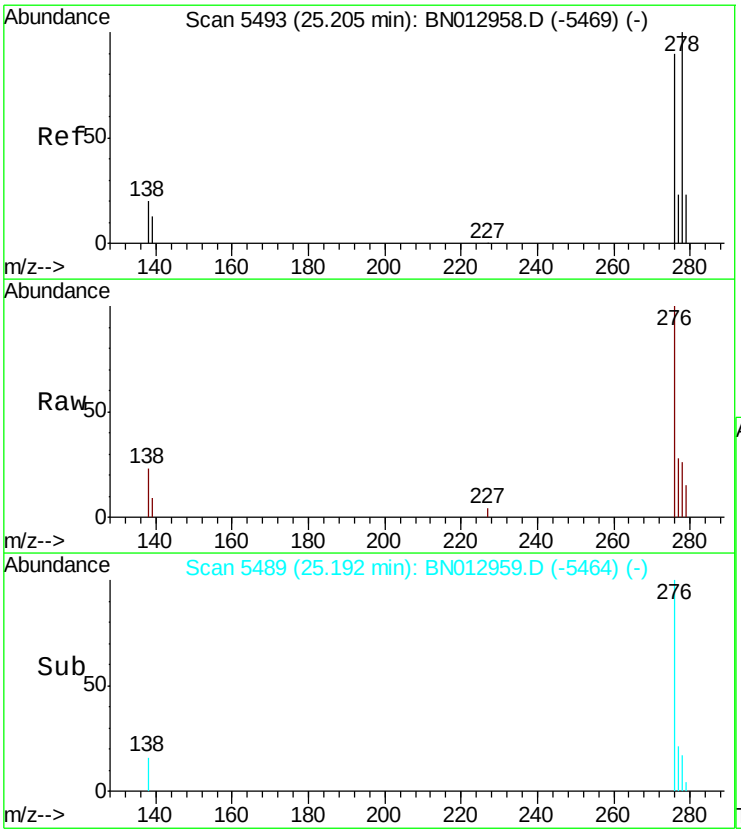
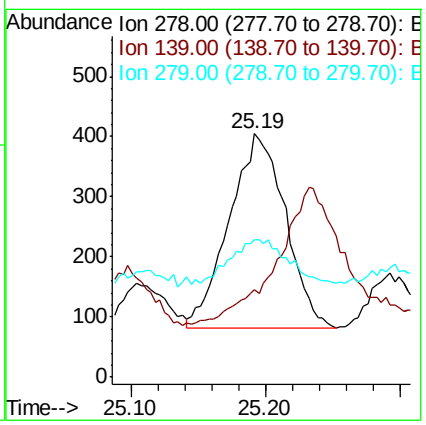


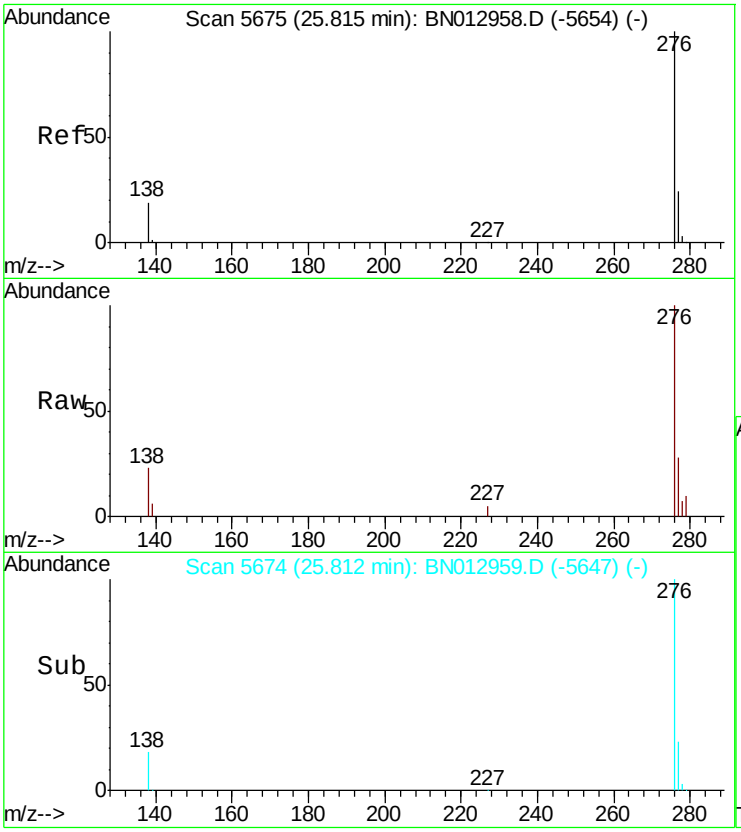


#25
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.19 min Scan# 5489
Delta R.T. -0.02 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:278 Resp: 941

Ion	Ratio	Lower	Upper
278	100		
139	36.0	14.5	21.7#
279	56.5	26.3	39.5#

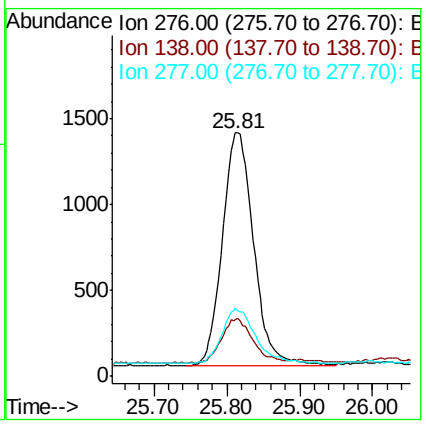




#26
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 25.81 min Scan# 5674
Delta R.T. -0.01 min
Lab File: BN012959.D
Acq: 08 Dec 2020 03:44

Tgt Ion:276 Resp: 4051

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.3	24.5
277	27.9	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B02

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