Quantitation Report   (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013519.D
Acq On   : 27 Jan 2021 23:07
Operator : CG/JU
Sample   : M1099-03
Misc   :
ALS Vial : 21   Sample Multiplier: 1

Quant Time: Jan 28 06:55:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 06:42:07 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C03

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4387	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	16594	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9601	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	19692m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	18526	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	18616	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10455	0.42	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	21238	0.41	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.38	128	1765	0.037	ng/ul#	89
7) Acenaphthylene	13.92	152	1943	0.049	ng/ul#	90
9) Fluorene	15.25	166	785	0.020	ng/ul#	90
12) Phenanthrene	16.99	178	4472	0.069	ng/ul	96
15) Fluoranthene	19.01	202	7621	0.108	ng/ul	97
17) Pyrene	19.38	202	11937	0.157	ng/ul	98
18) Benzo(a)anthracene	21.13	228	2935m	0.048	ng/ul	
19) Chrysene	21.18	228	3689	0.048	ng/ul	94
21) Benzo(b)fluoranthene	22.67	252	5973m	0.076	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	2129m	0.026	ng/ul	
23) Benzo(a)pyrene	23.23	252	3687	0.056	ng/ul#	56
24) Indeno(1,2,3-cd)pyrene	25.47	276	3110	0.035	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	3649	0.047	ng/ul#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013519.D
Acq On : 27 Jan 2021 23:07
Operator : CG/JU
Sample : M1099-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 28 06:55:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 06:42:07 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C03

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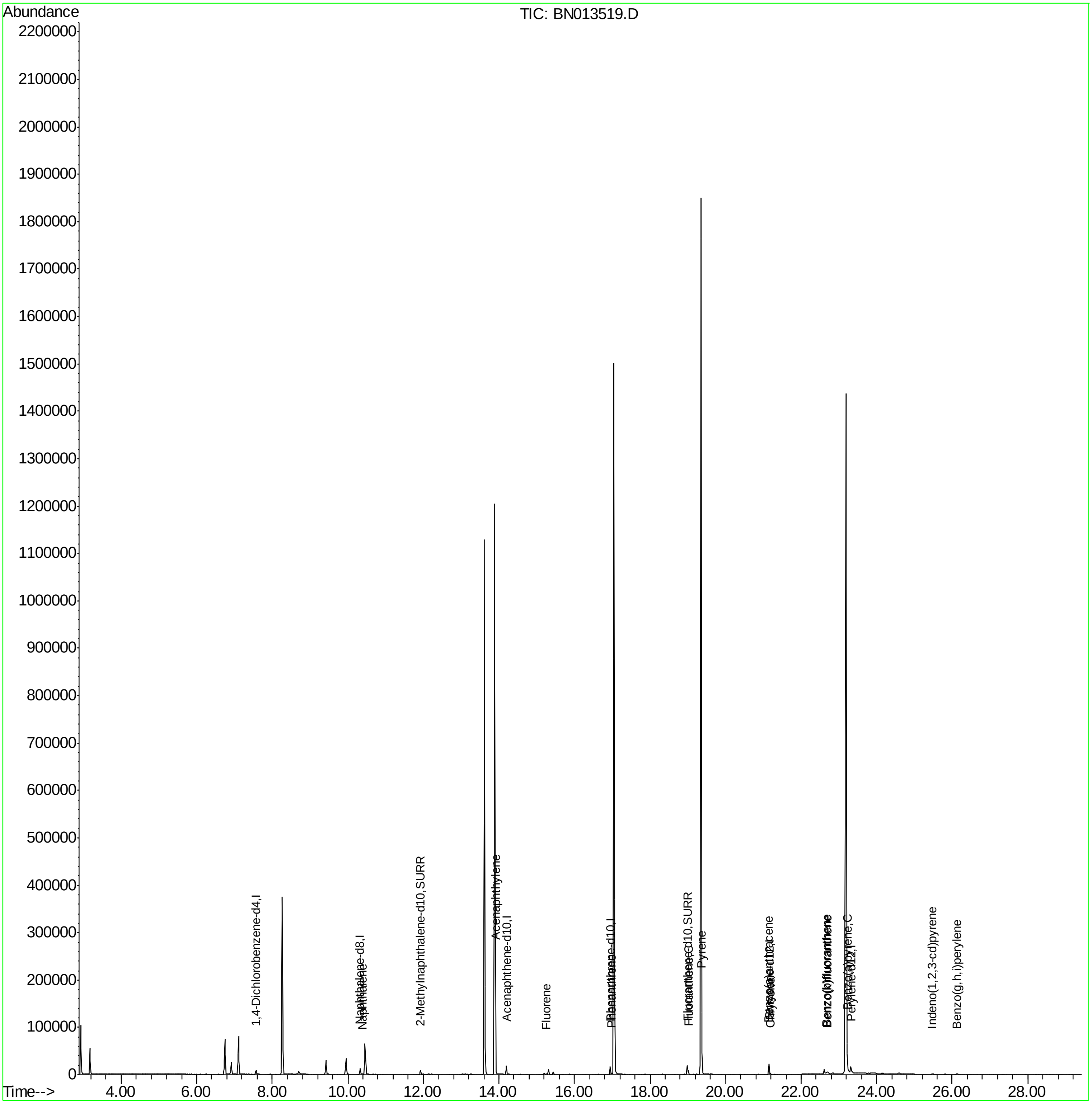

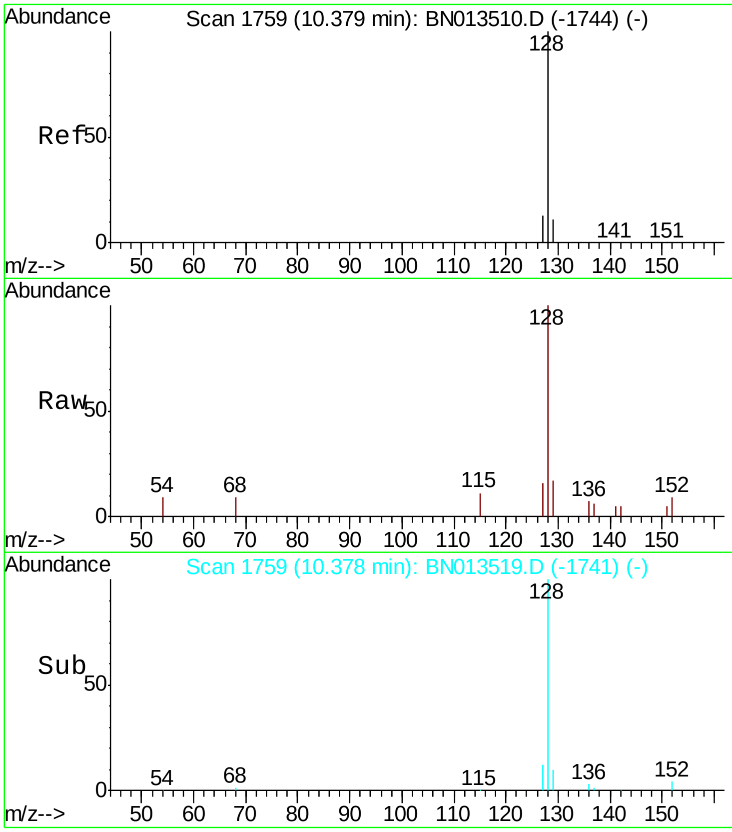


```
#3
Naphthalene
Concen:    0.037 ng/ul
RT: 10.38 min   Scan# 1759
Delta R.T.    -0.00 min
Lab File:    BN013519.D
Acq: 27 Jan 2021   23:07

Tgt Ion:128 Resp:    1765
Ion  Ratio  Lower  Upper
128  100
129   17.1    9.0   13.6#
127   16.5   10.6   15.8#
```

Instrument :
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ClientSampleId :
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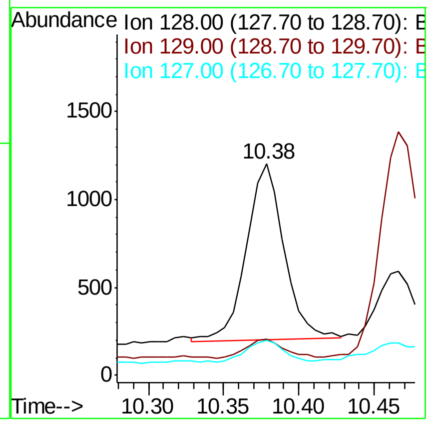
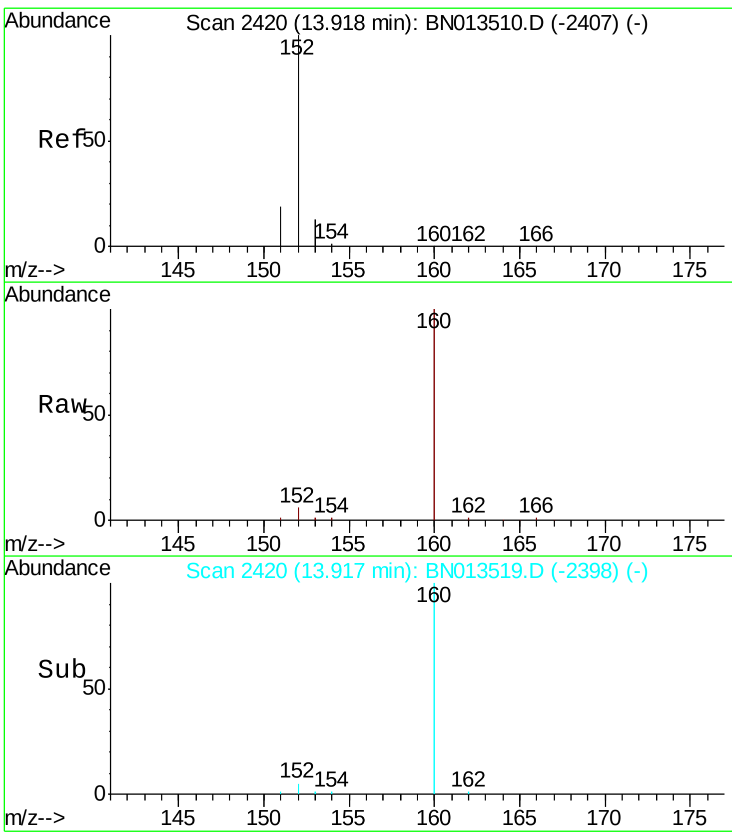
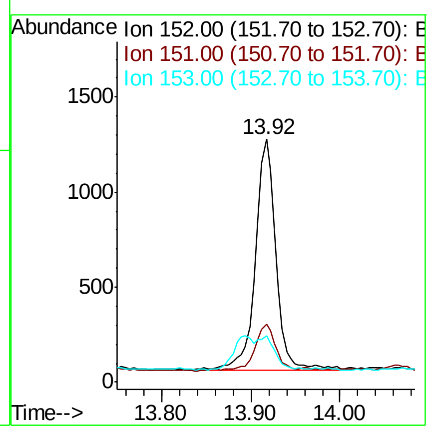
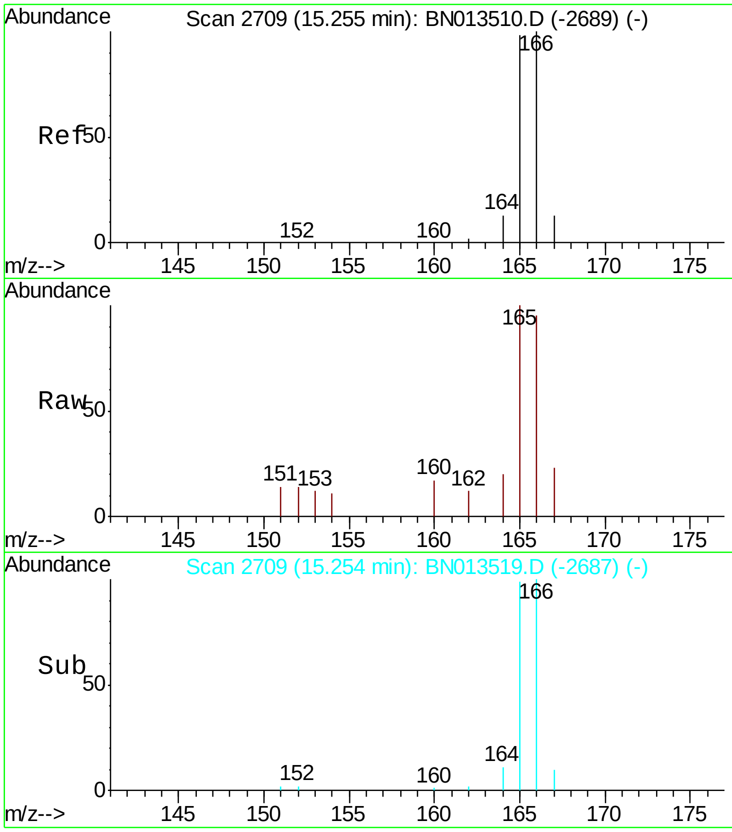





```
#7
Acenaphthylene
Concen:    0.049 ng/ul
RT: 13.92 min   Scan# 2420
Delta R.T.    -0.00 min
Lab File:    BN013519.D
Acq: 27 Jan 2021   23:07

Tgt Ion:152 Resp:    1943
Ion  Ratio  Lower  Upper
152  100
151   23.6   16.1   24.1
153   18.9   10.7   16.1#
```





#9
Fluorene
Concen: 0.020 ng/ul
RT: 15.25 min   Scan# 2709
Delta R.T.   -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:166 Resp: 785

Ion	Ratio	Lower	Upper
166	100		
165	105.6	78.7	118.1
167	24.5	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
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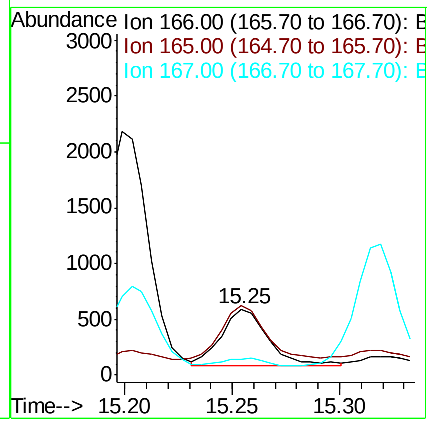
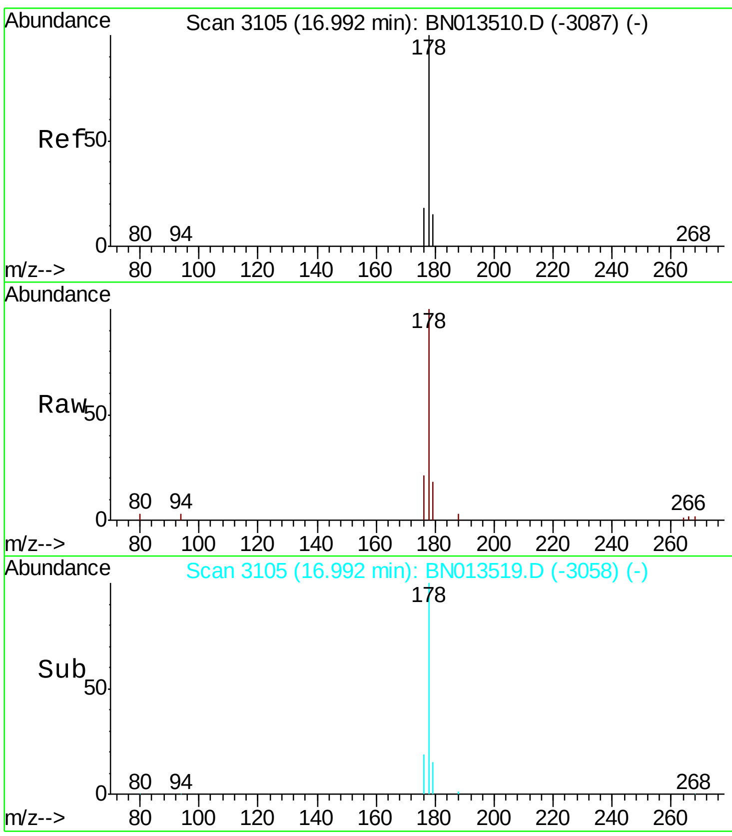
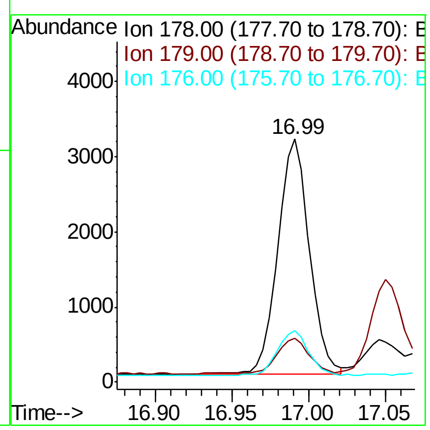


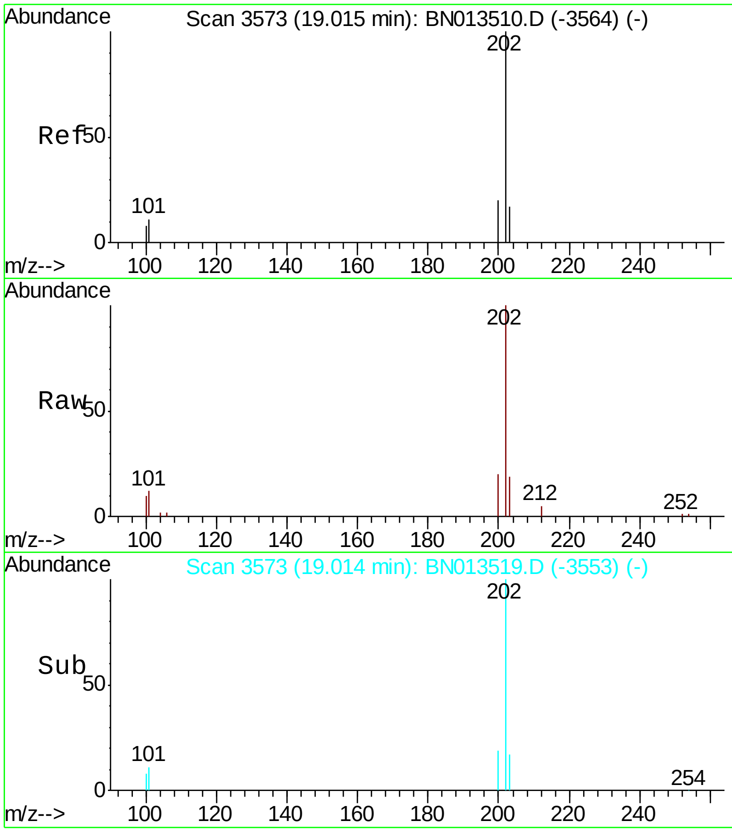


#12
Phenanthrene
Concen: 0.069 ng/ul
RT: 16.99 min   Scan# 3105
Delta R.T.   -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:178 Resp: 4472

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.5	18.7
176	21.1	15.6	23.4





#15
Fluoranthene
Concen: 0.108 ng/ul
RT: 19.01 min Scan# 3573
Delta R.T. -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:202 Resp: 7621

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.6
100	9.9	0.0	28.5

Instrument : BNA_N
ClientSampleId : F1C03

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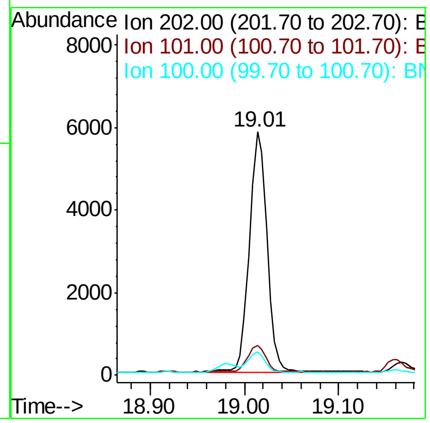
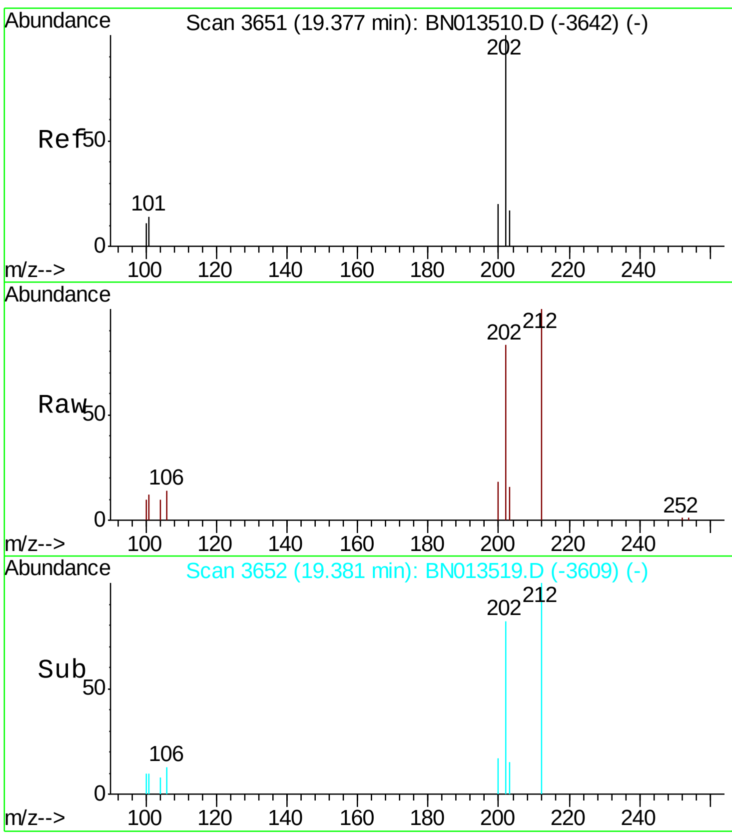
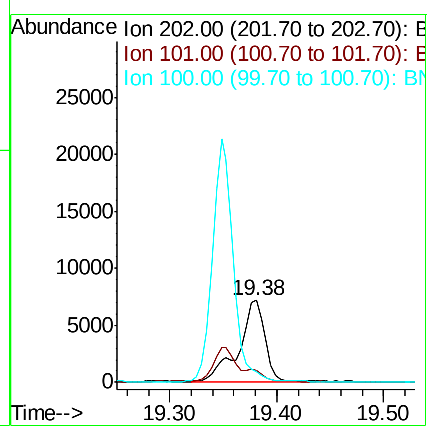


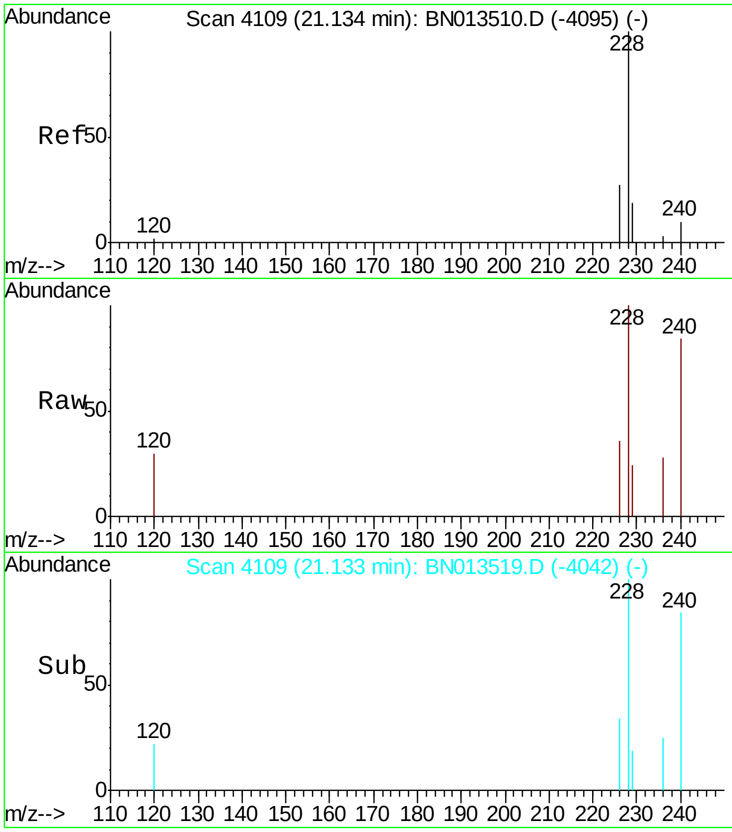


#17
Pyrene
Concen: 0.157 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:202 Resp: 11937

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	12.4	9.0	13.4





#18
Benzo(a)anthracene
Concen: 0.048 ng/ul m
RT: 21.13 min Scan# 4109
Delta R.T. -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:228 Resp: 2935

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.6	23.4#
226	36.2	21.9	32.9#

Instrument :
BNA_N
ClientSampleId :
F1C03

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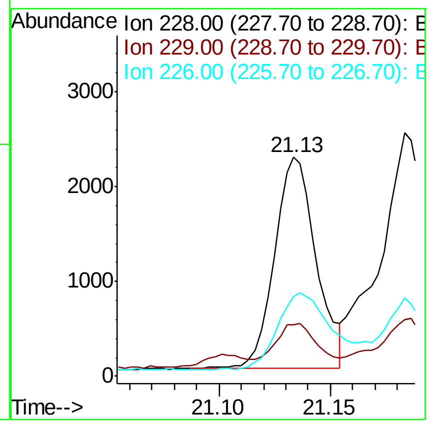
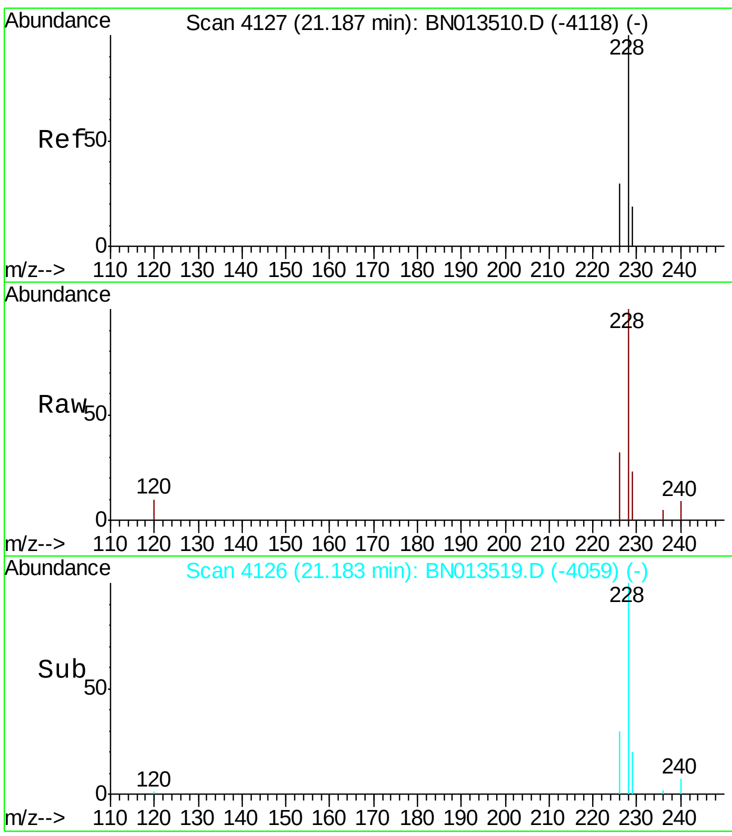
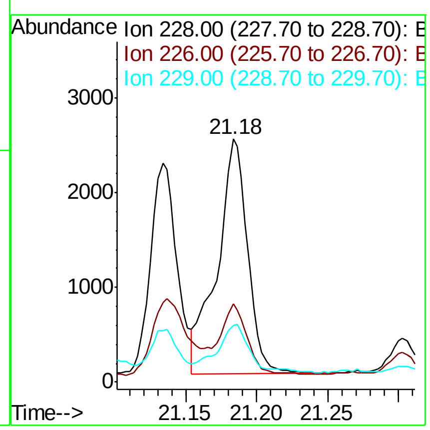


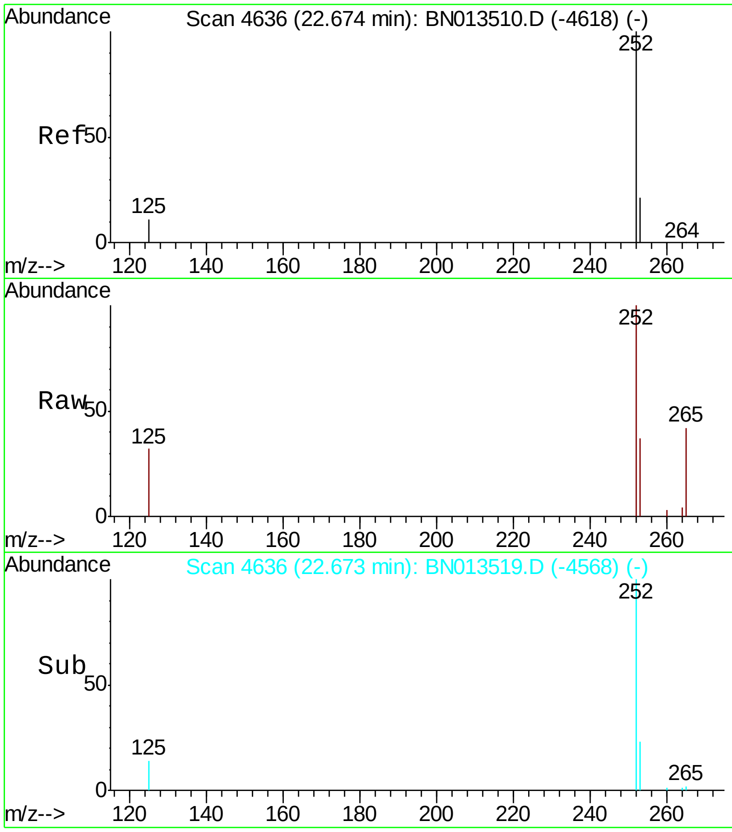


#19
Chrysene
Concen: 0.048 ng/ul
RT: 21.18 min Scan# 4126
Delta R.T. -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:228 Resp: 3689

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	23.4	15.8	23.8






```
#21
Benzo(b)fluoranthene
Concen:    0.076 ng/ul m
RT: 22.67 min   Scan# 4636
Delta R.T.    -0.00 min
Lab File:   BN013519.D
Acq: 27 Jan 2021   23:07

Tgt Ion:252 Resp:    5973
Ion  Ratio  Lower  Upper
252  100
253   37.0    0.0   47.4
125   31.5    0.0   26.8#
```

Instrument :
BNA_N
ClientSampleId :
F1C03

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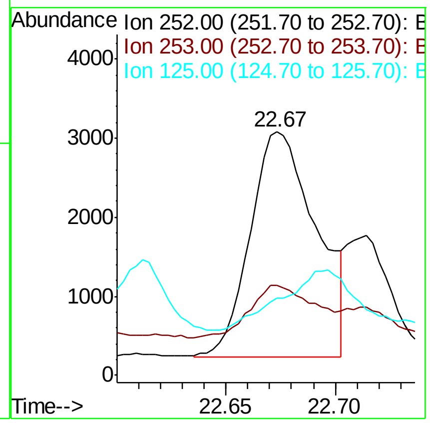
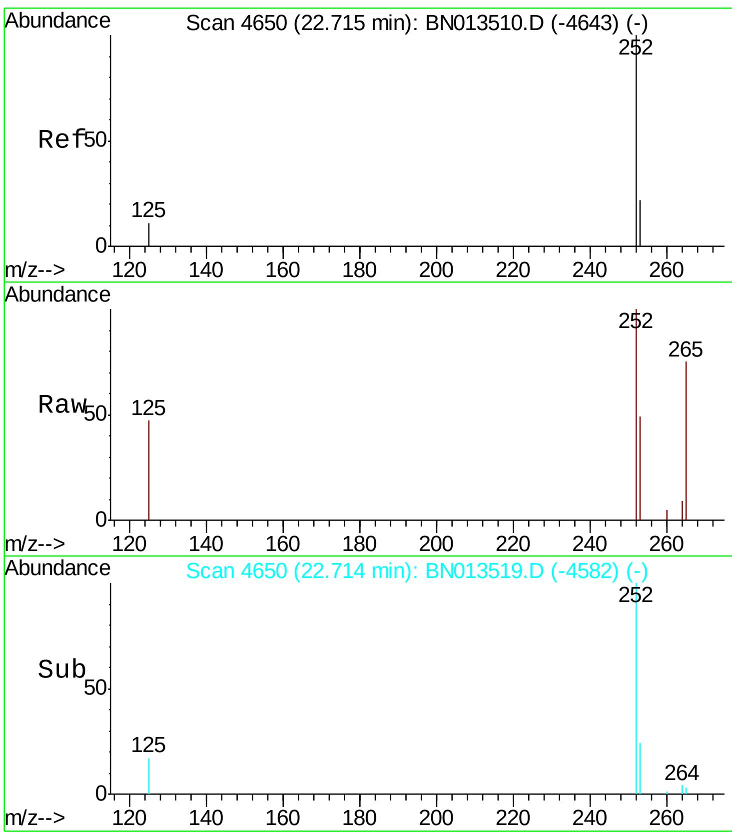
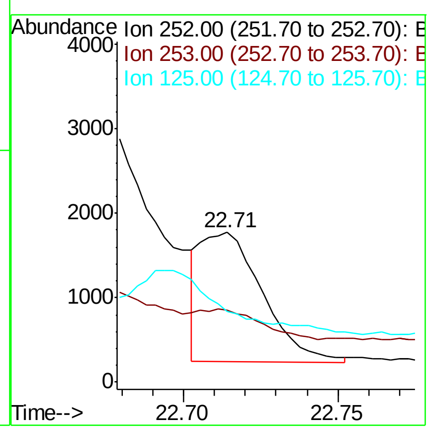
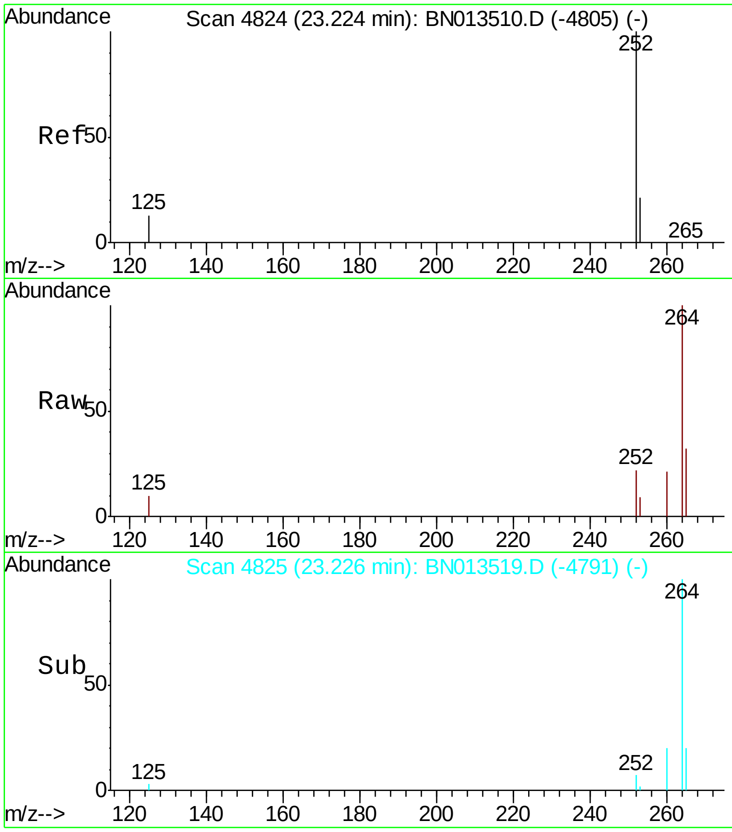





```
#22
Benzo(k)fluoranthene
Concen:    0.026 ng/ul m
RT: 22.71 min   Scan# 4650
Delta R.T.    -0.00 min
Lab File:   BN013519.D
Acq: 27 Jan 2021   23:07

Tgt Ion:252 Resp:    2129
Ion  Ratio  Lower  Upper
252  100
253   48.5   19.2   28.8#
125   47.3   11.4   17.2#
```





#23
Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.23 min   Scan# 4825
Delta R.T.   -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021   23:07

Tgt Ion:252 Resp: 3687

Ion	Ratio	Lower	Upper
252	100		
253	41.0	20.1	30.1#
125	43.7	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
F1C03

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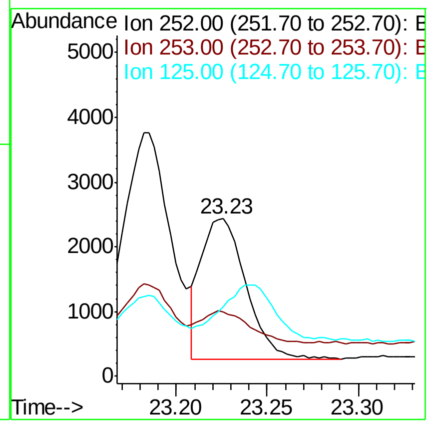
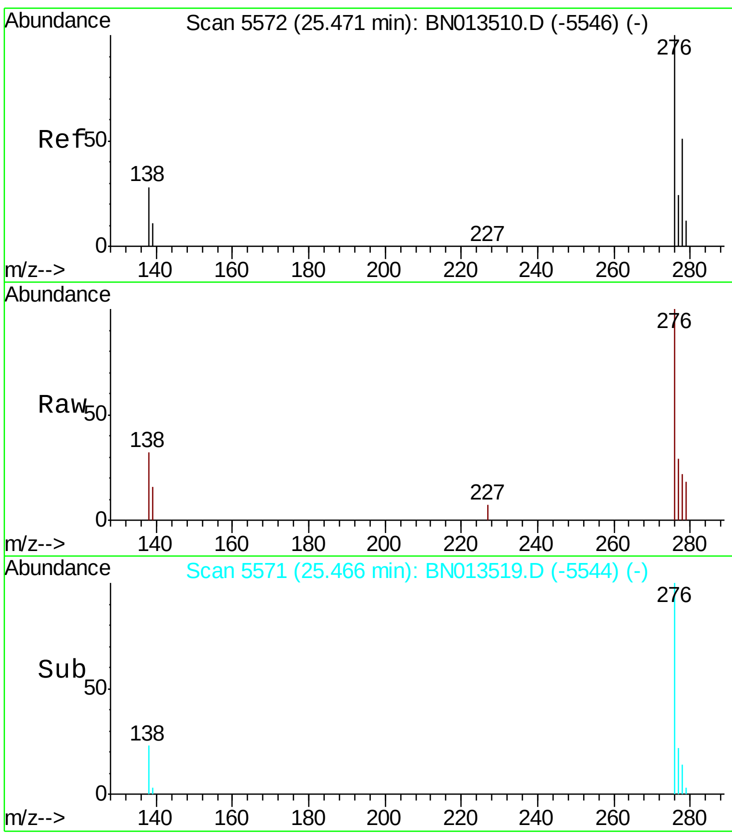
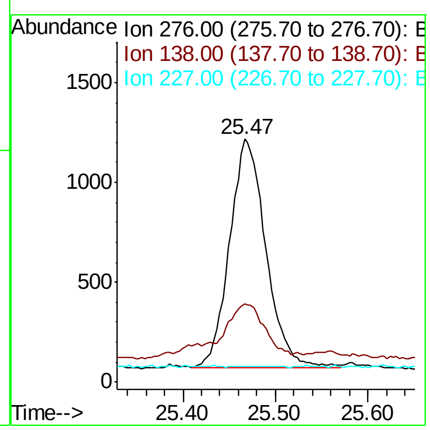


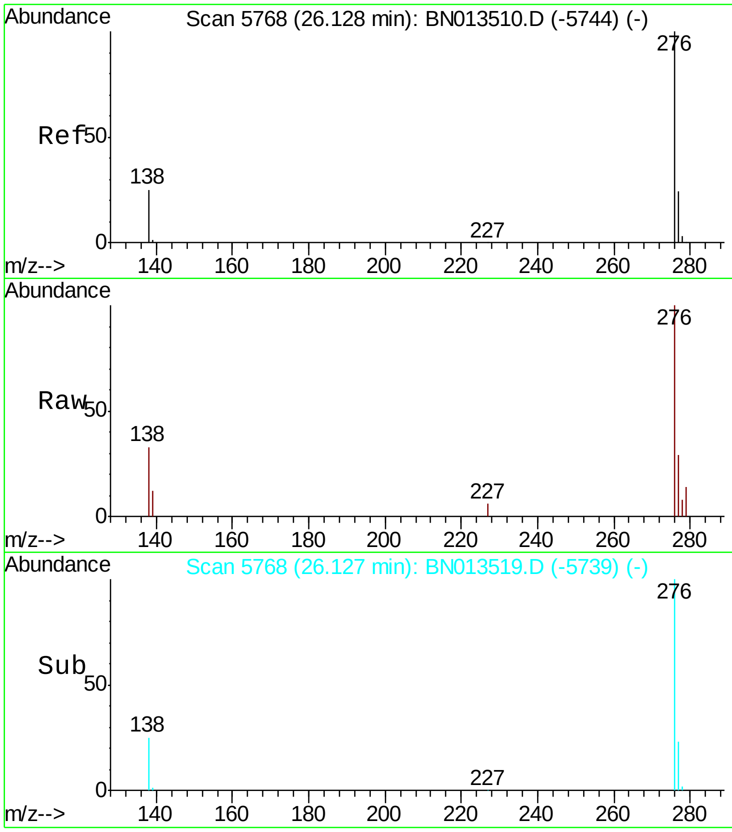


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 25.47 min   Scan# 5571
Delta R.T.   -0.01 min
Lab File: BN013519.D
Acq: 27 Jan 2021   23:07

Tgt Ion:276 Resp: 3110

Ion	Ratio	Lower	Upper
276	100		
138	21.4	0.0	0.0#
227	0.4	0.0	0.0#





#26
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 26.13 min Scan# 5768
Delta R.T. -0.00 min
Lab File: BN013519.D
Acq: 27 Jan 2021 23:07

Tgt Ion:276 Resp: 3649

Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.0	31.4#
277	28.6	19.5	29.3

Instrument :
BNA_N
ClientSampleId :
F1C03

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1/28/2021 11:44:45 AM