Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013513.D
Acq On : 27 Jan 2021 19:32
Operator : CG/JU
Sample : M1099-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1C13DL

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Quant Time: Jan 28 01:03:47 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 : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5108	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19507	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10728	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	22677	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	20410	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	19463	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2296	0.08	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	4582	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	5864	0.104	ng/ul#	93
5) 2-Methylnaphthalene	12.00	142	2054	0.057	ng/ul	97
7) Acenaphthylene	13.92	152	17311	0.392	ng/ul	99
8) Acenaphthene	14.26	153	6847	0.174	ng/ul	99
9) Fluorene	15.25	166	7011	0.161	ng/ul	99
12) Phenanthrene	16.99	178	33840	0.456	ng/ul	99
13) Anthracene	17.08	178	6160	0.101	ng/ul	96
15) Fluoranthene	19.01	202	26090	0.322	ng/ul	98
17) Pyrene	19.38	202	55190	0.661	ng/ul	98
18) Benzo(a)anthracene	21.14	228	2305	0.034	ng/ul#	1
19) Chrysene	21.19	228	3786	0.045	ng/ul#	89
21) Benzo(b)fluoranthene	22.68	252	2926m	0.036	ng/ul	
23) Benzo(a)pyrene	23.23	252	3126	0.045	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	25.47	276	2687	0.029	ng/ul#	100
26) Benzo(g,h,i)perylene	26.13	276	6852	0.084	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013513.D
Acq On : 27 Jan 2021 19:32
Operator : CG/JU
Sample : M1099-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 28 01:03:47 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 : Wed Jan 27 23:35:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F1C13DL

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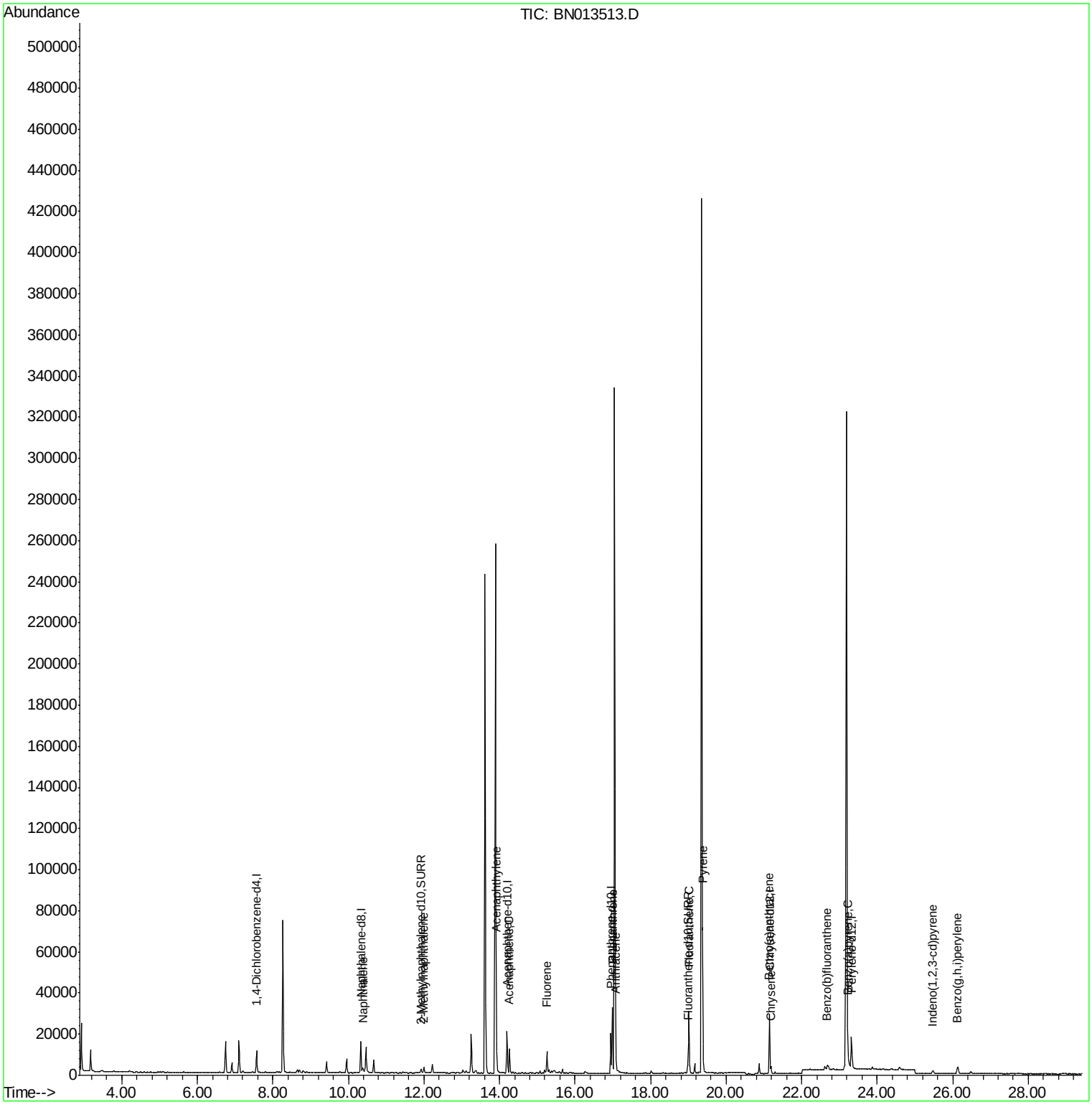

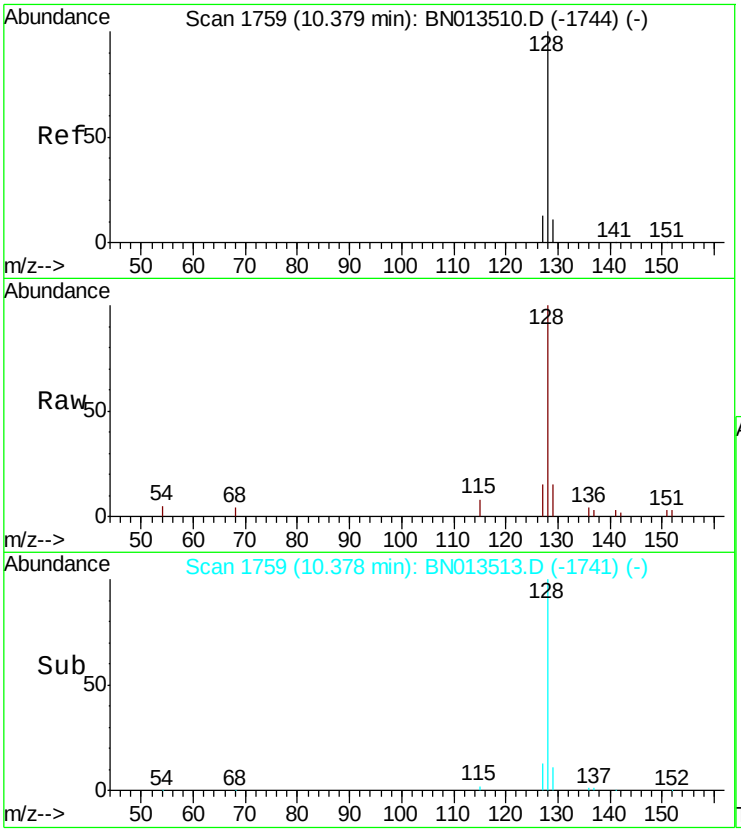

#3
Naphthalene
Concen: 0.104 ng/ul
RT: 10.38 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:128 Resp: 5864

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.0	13.6#
127	15.4	10.6	15.8

Instrument :
BNA_N
ClientSampleId :
F1C13DL

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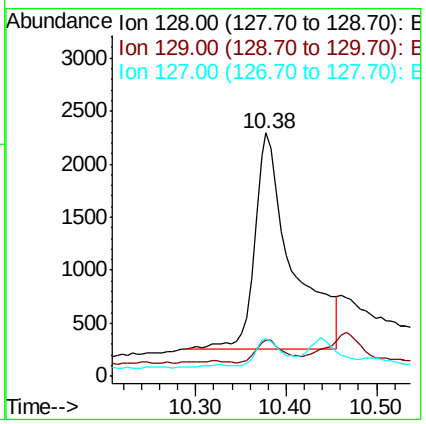
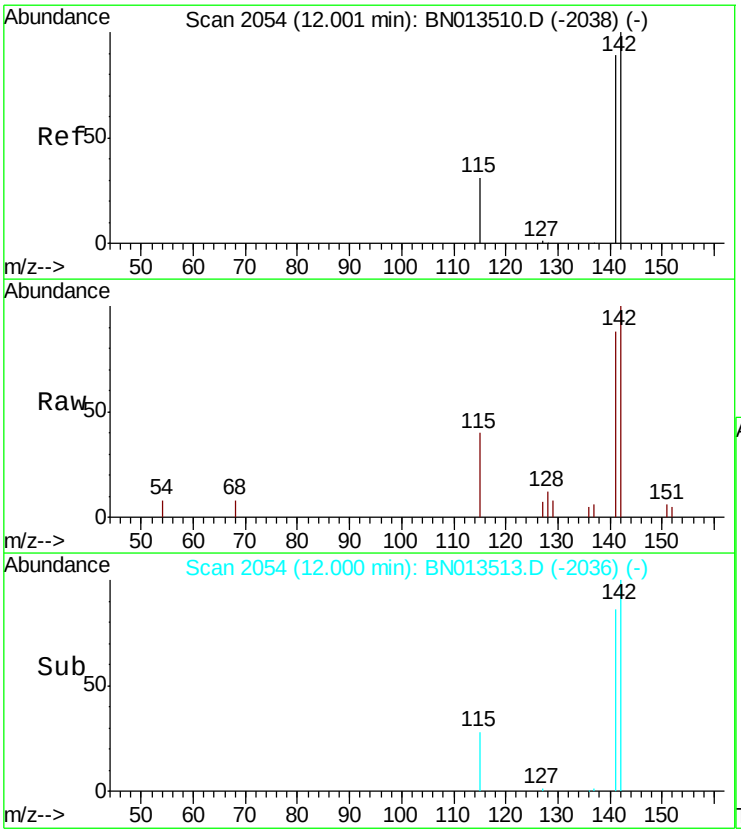
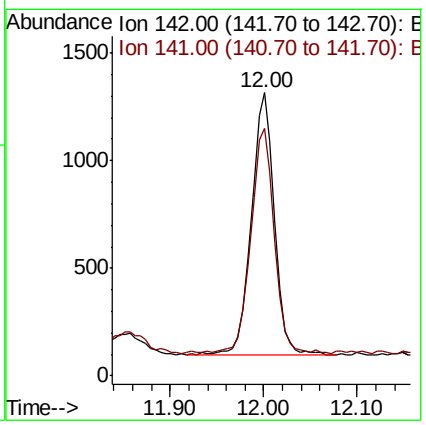


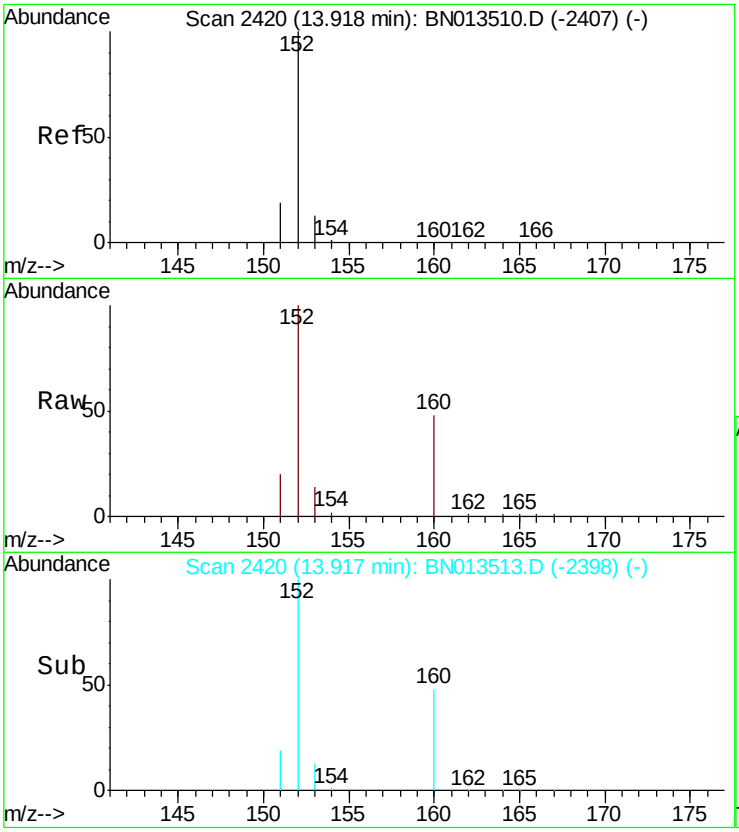


#5
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.00 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:142 Resp: 2054

Ion	Ratio	Lower	Upper
142	100		
141	85.2	70.6	106.0

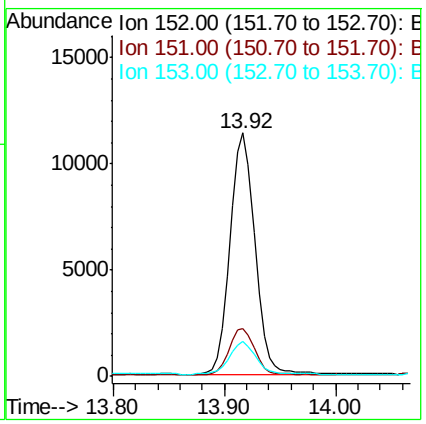




#7
Acenaphthylene
Concen: 0.392 ng/ul
RT: 13.92 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:152 Resp: 17311

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	14.4	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F1C13DL

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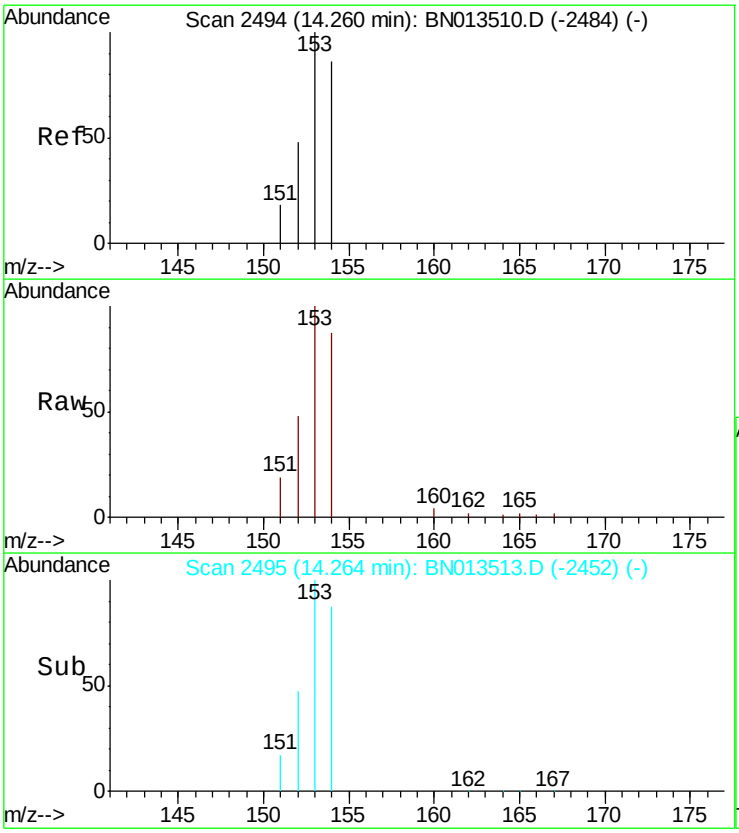
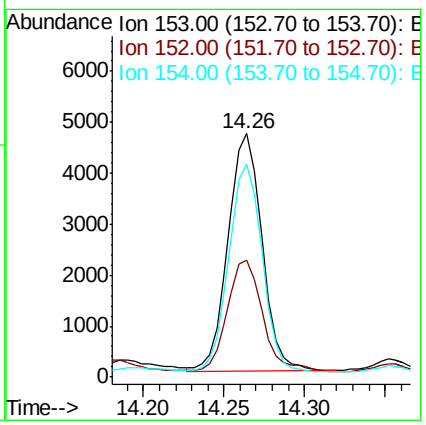
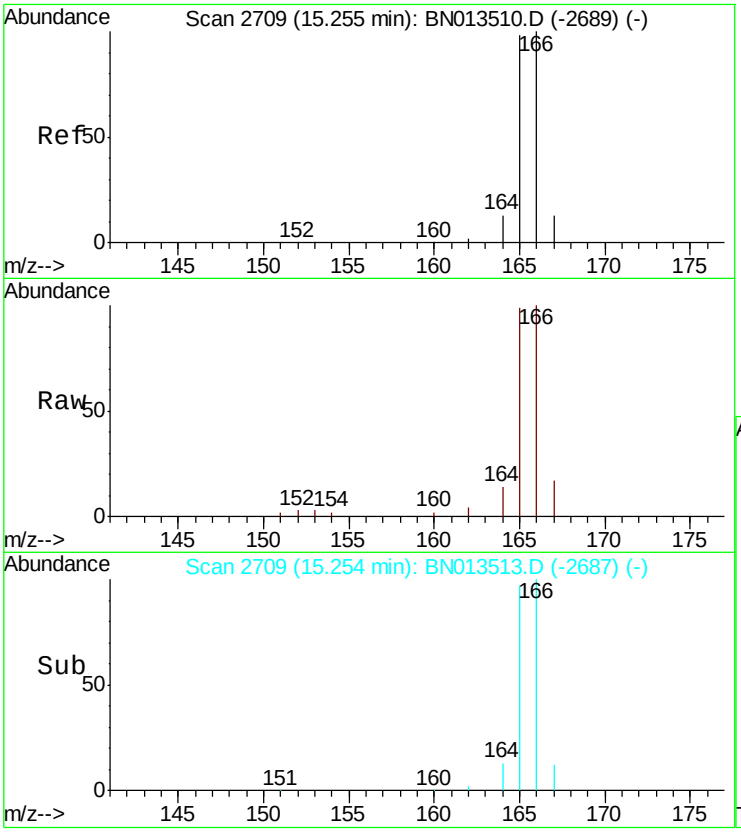


#8
Acenaphthene
Concen: 0.174 ng/ul
RT: 14.26 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:153 Resp: 6847

Ion	Ratio	Lower	Upper
153	100		
152	48.2	39.5	59.3
154	87.3	70.6	105.8

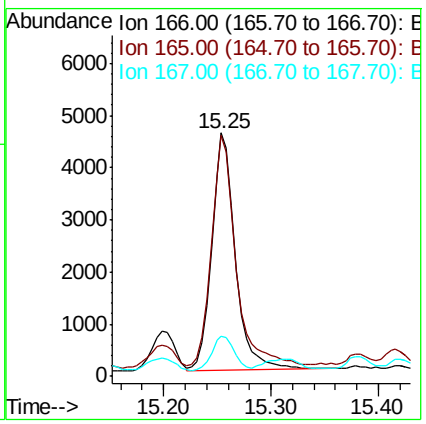




#9
Fluorene
Concen: 0.161 ng/ul
RT: 15.25 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:166 Resp: 7011

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.7	118.1
167	16.6	11.3	16.9



Instrument :
BNA_N
ClientSampleId :
F1C13DL

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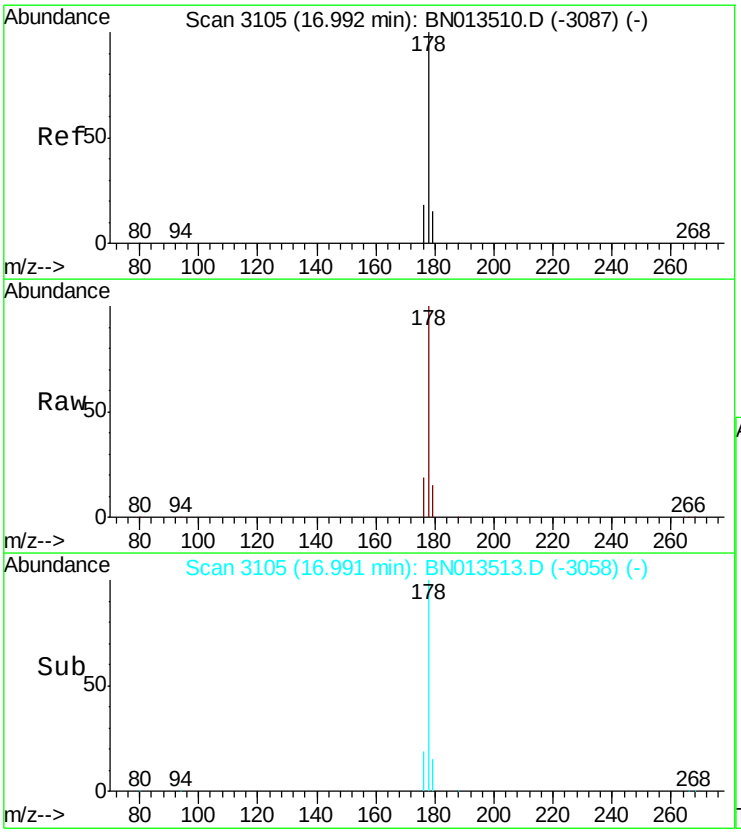
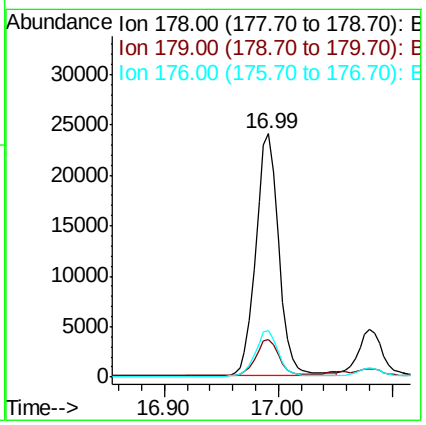
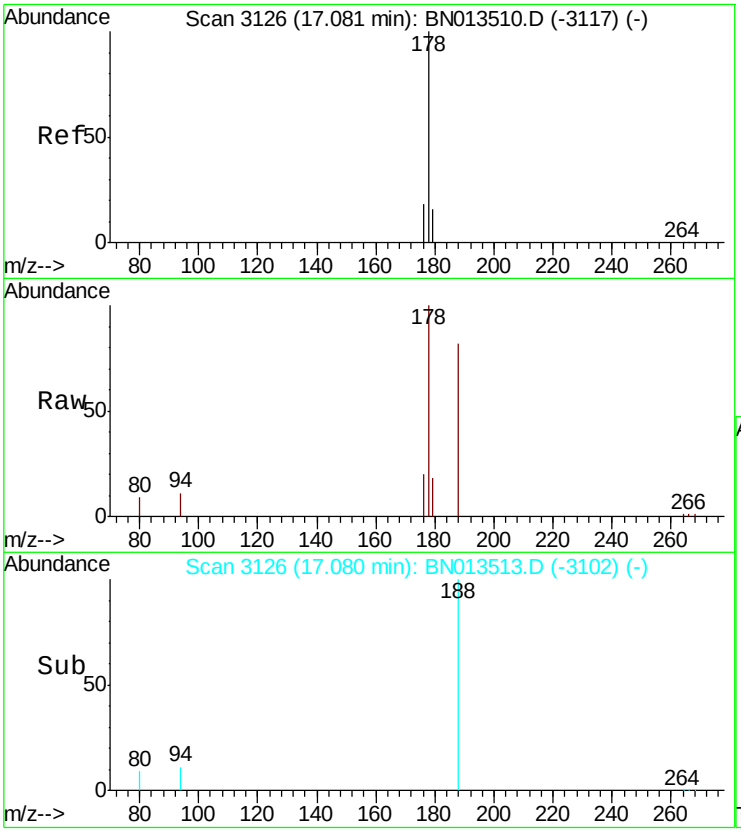


#12
Phenanthrene
Concen: 0.456 ng/ul
RT: 16.99 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:178 Resp: 33840

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.0	15.6	23.4

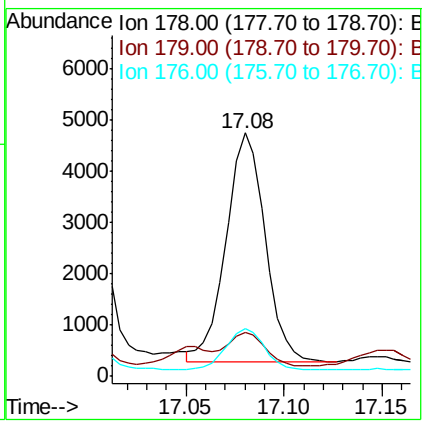




#13
Anthracene
Concen: 0.101 ng/ul
RT: 17.08 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:178 Resp: 6160

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.6	19.0
176	19.6	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F1C13DL

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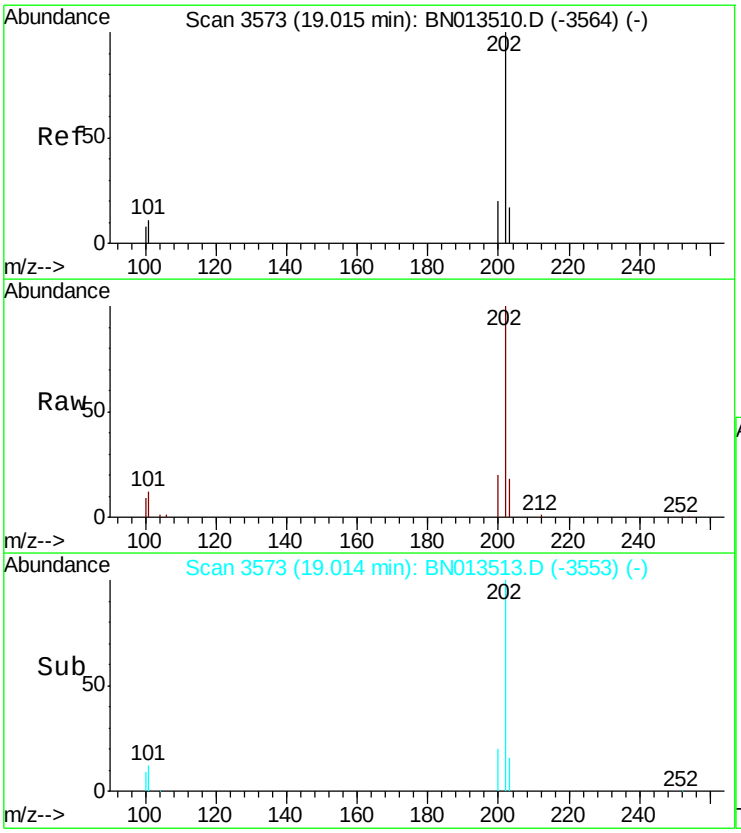
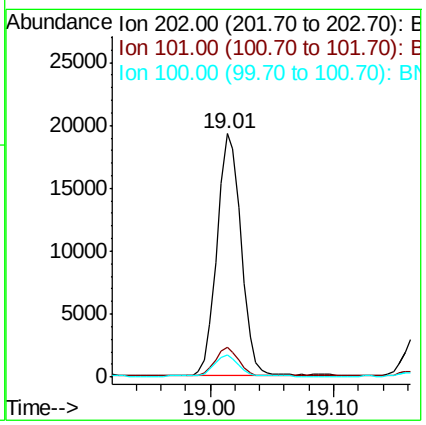
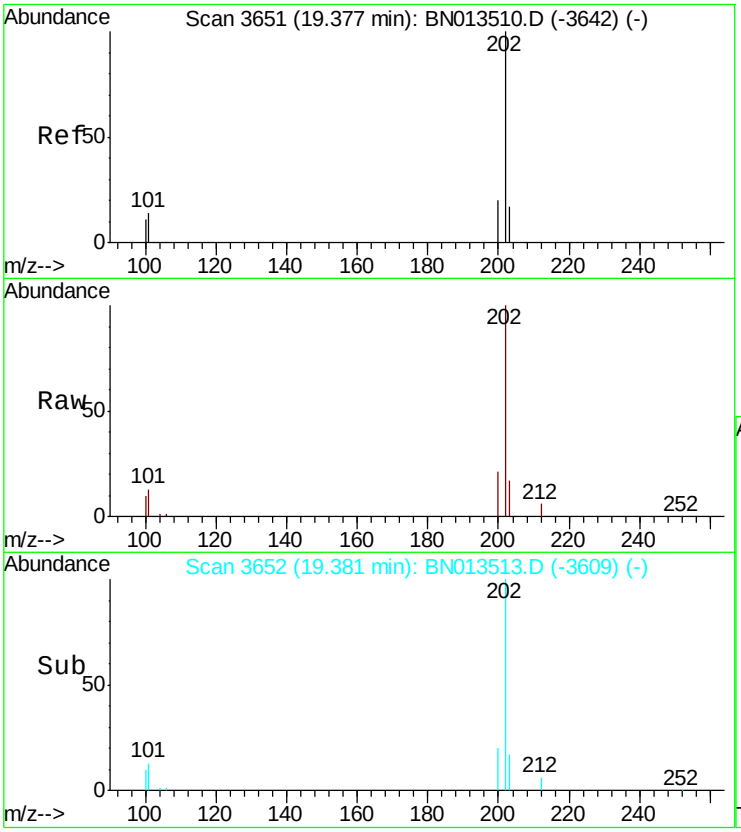


#15
Fluoranthene
Concen: 0.322 ng/ul
RT: 19.01 min Scan# 3573
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:202 Resp: 26090

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.6
100	9.2	0.0	28.5





#17
Pyrene
Concen: 0.661 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:202 Resp: 55190

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.2	16.8
100	10.4	9.0	13.4

Instrument :
BNA_N
ClientSampleId :
F1C13DL

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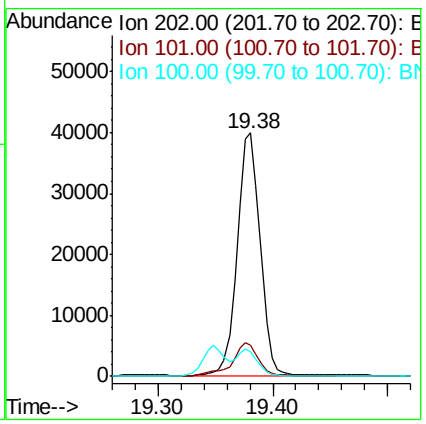
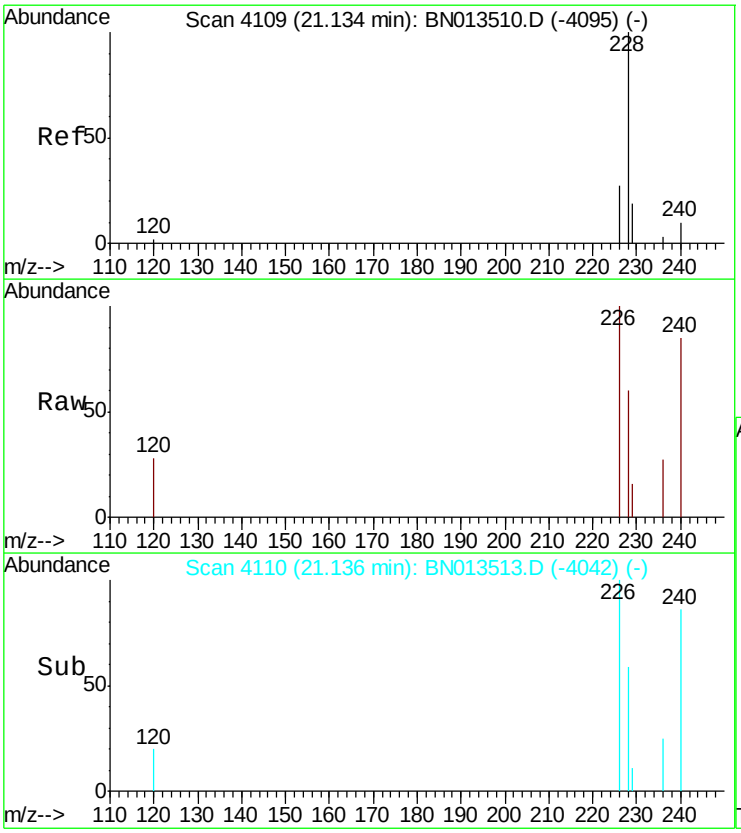
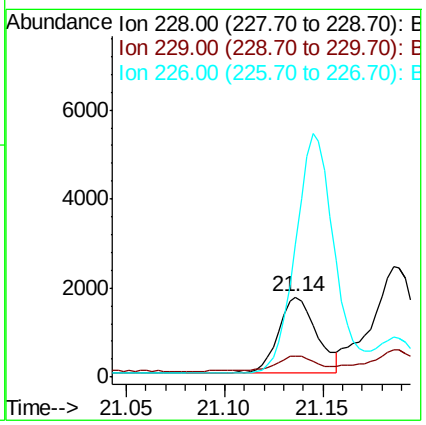


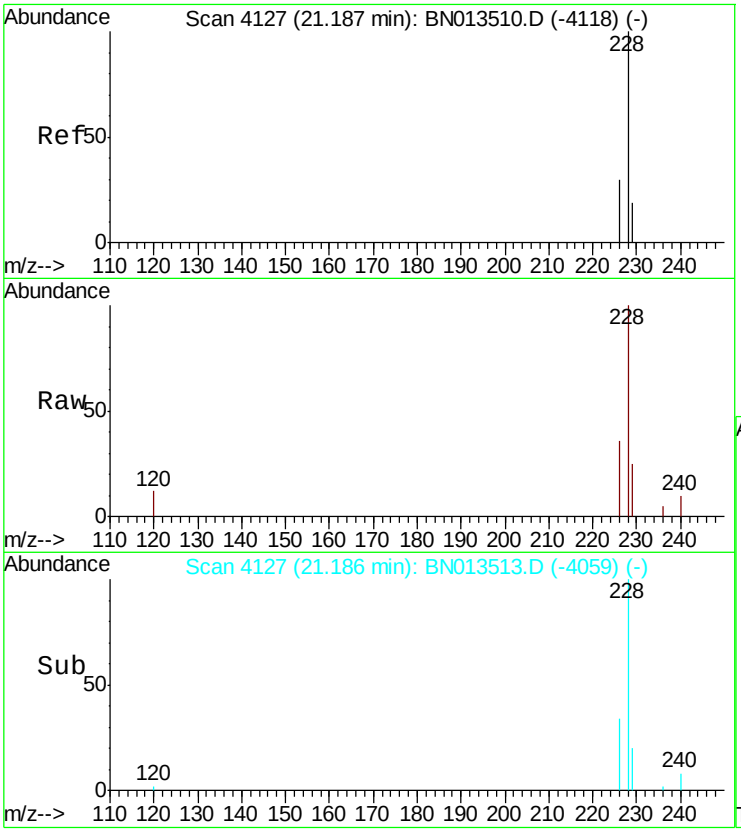


#18
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.14 min Scan# 4110
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:228 Resp: 2305

Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.6	23.4#
226	165.7	21.9	32.9#

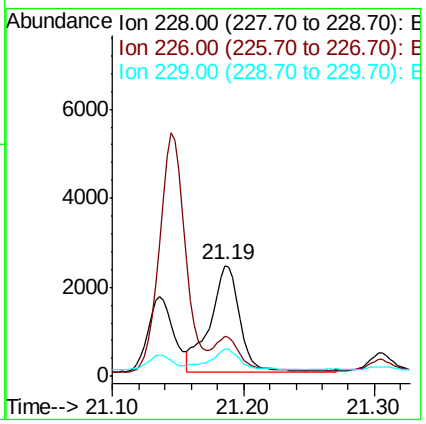




#19
Chrysene
Concen: 0.045 ng/ul
RT: 21.19 min Scan# 4127
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:228 Resp: 3786

Ion	Ratio	Lower	Upper
228	100		
226	36.2	24.0	36.0#
229	24.9	15.8	23.8#



Instrument :
BNA_N
ClientSampleId :
F1C13DL

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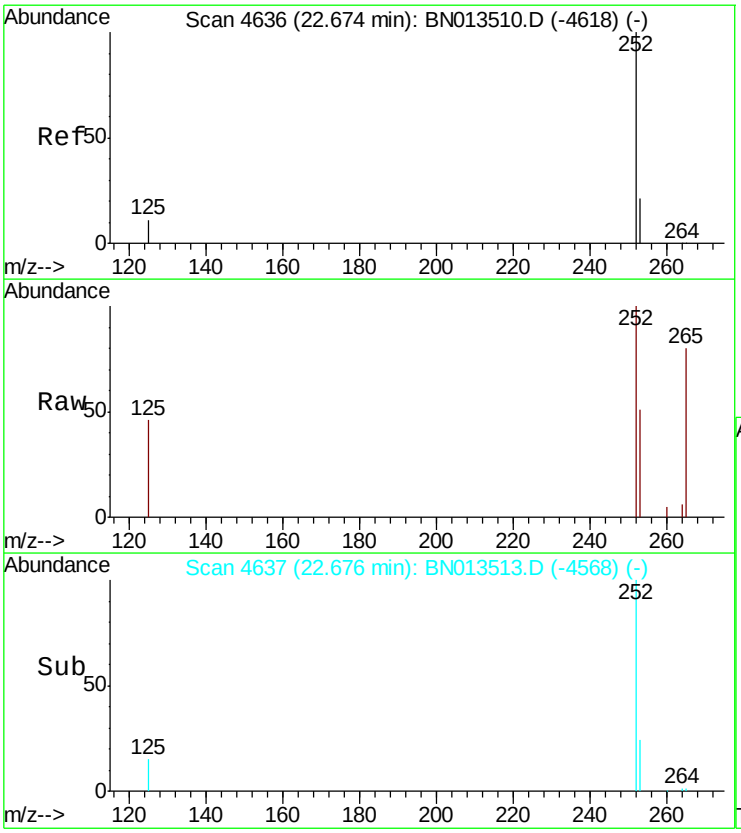
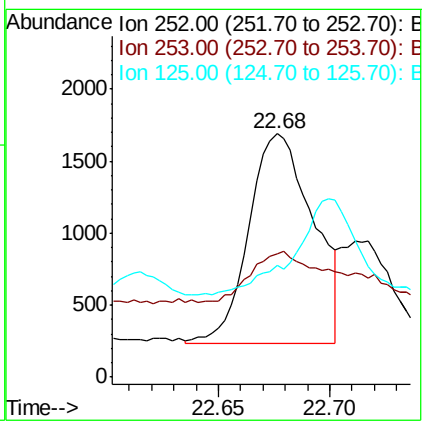
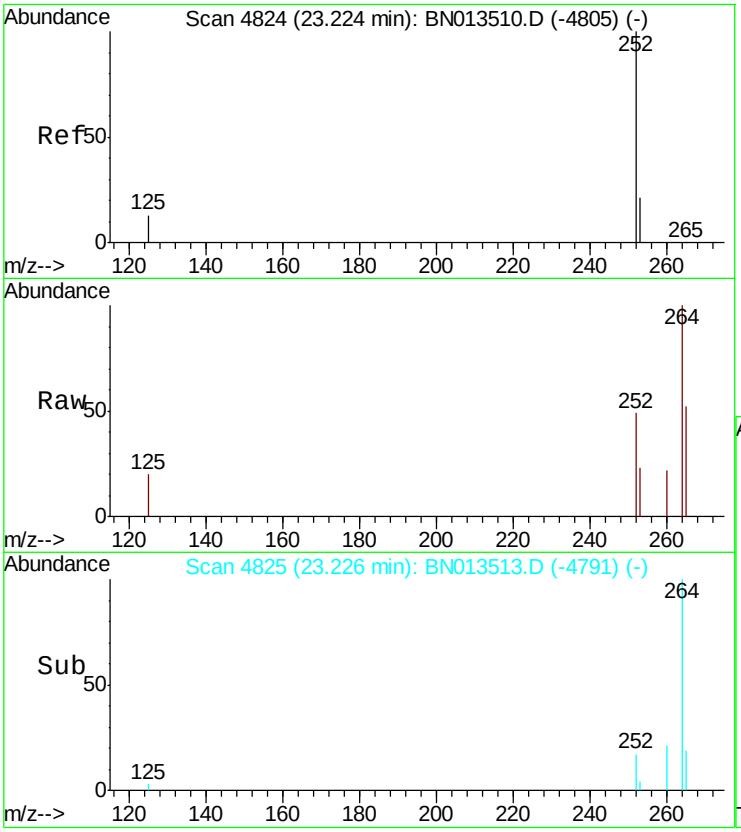


#21
Benzo(b)fluoranthene
Concen: 0.036 ng/ul m
RT: 22.68 min Scan# 4637
Delta R.T. 0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:252 Resp: 2926

Ion	Ratio	Lower	Upper
252	100		
253	50.7	0.0	47.4#
125	46.1	0.0	26.8#





#23
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.23 min Scan# 4825
Delta R.T. -0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:252 Resp: 3126

Ion	Ratio	Lower	Upper
252	100		
253	46.0	20.1	30.1#
125	40.9	13.1	19.7#

Instrument :
BNA_N
ClientSampleId :
F1C13DL

Manual Integrations APPROVED
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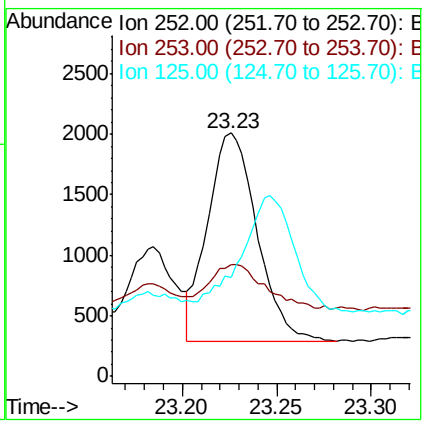
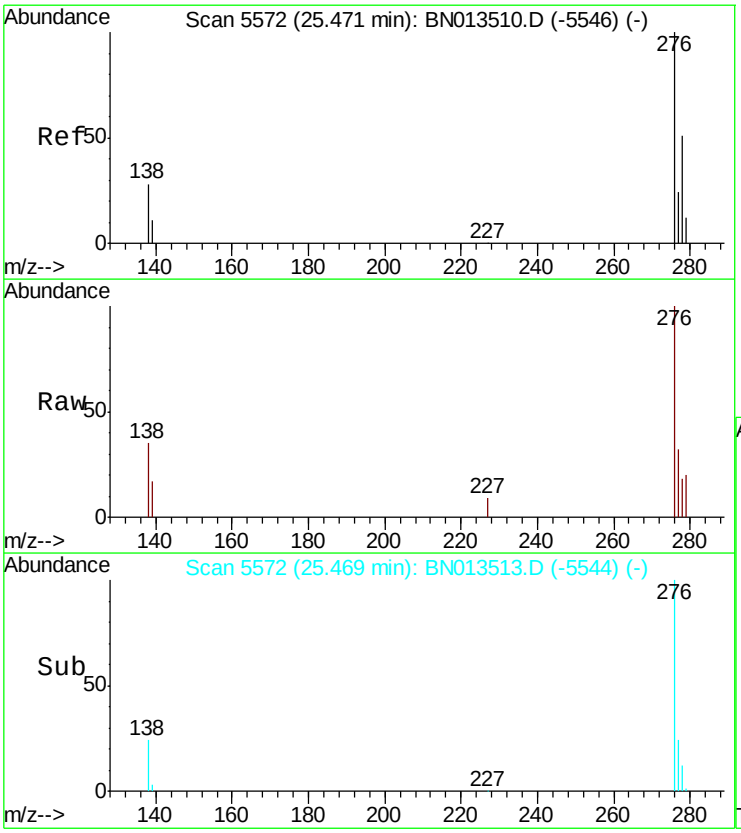
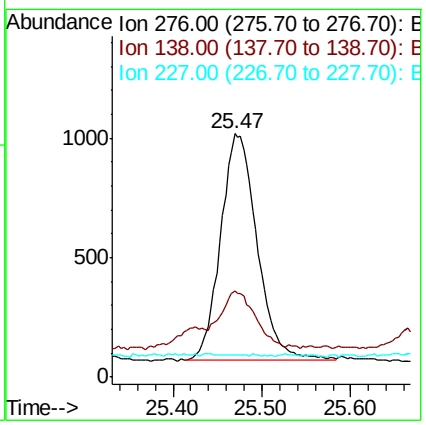


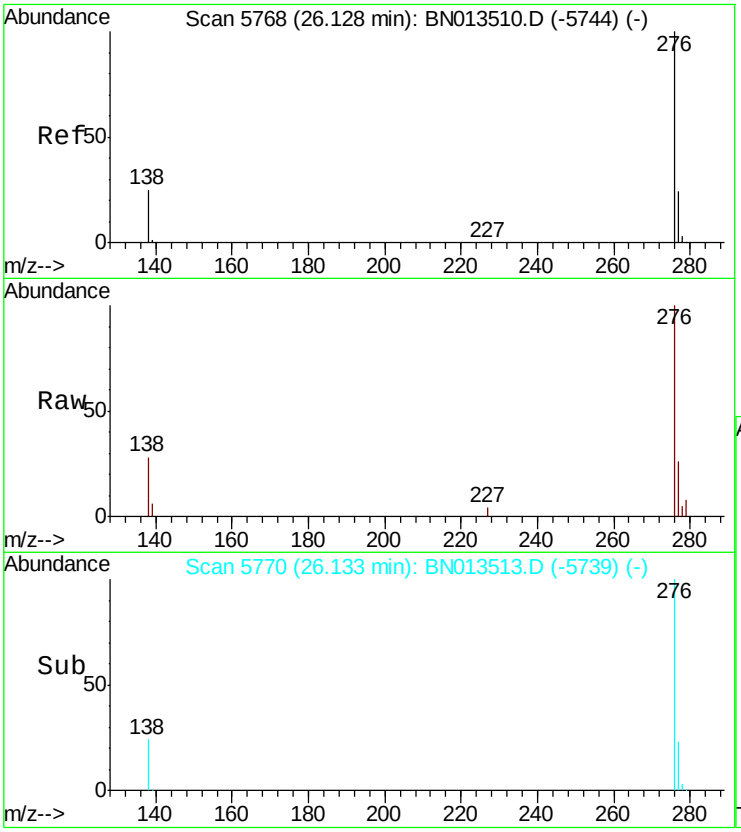


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 25.47 min Scan# 5572
Delta R.T. -0.01 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:276 Resp: 2687

Ion	Ratio	Lower	Upper
276	100		
138	23.3	0.0	0.0#
227	0.0	0.0	0.0

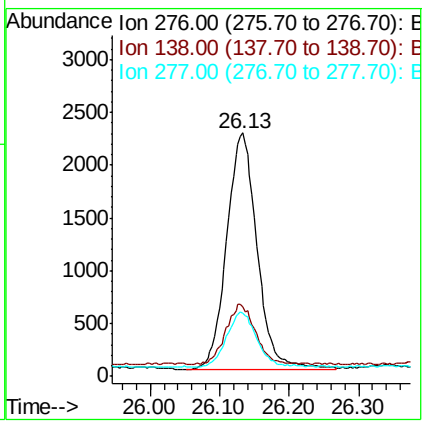




#26
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 26.13 min Scan# 5770
Delta R.T. 0.00 min
Lab File: BN013513.D
Acq: 27 Jan 2021 19:32

Tgt Ion:276 Resp: 6852

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.4
277	25.9	19.5	29.3



Instrument :
BNA_N
ClientSampleId :
F1C13DL

Manual Integrations APPROVED
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