Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012721\
Data File : BN013516.D
Acq On : 27 Jan 2021 21:20
Operator : CG/JU
Sample : M1099-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F1C01

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mohammad
1/28/2021 11:44:31 AM

Quant Time: Jan 28 06:51:02 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	19364	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11537	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	24107m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	22287	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	21487	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10600	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	23094	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	3784	0.068	ng/ul#	94
5) 2-Methylnaphthalene	12.00	142	822	0.023	ng/ul	95
7) Acenaphthylene	13.92	152	4273	0.090	ng/ul	94
8) Acenaphthene	14.26	153	2917	0.069	ng/ul	97
9) Fluorene	15.25	166	3223	0.069	ng/ul#	97
12) Phenanthrene	16.99	178	22413	0.284	ng/ul	98
13) Anthracene	17.08	178	7789	0.120	ng/ul	97
15) Fluoranthene	19.01	202	18062	0.209	ng/ul	98
17) Pyrene	19.38	202	17795	0.195	ng/ul	99
18) Benzo(a)anthracene	21.13	228	15130	0.206	ng/ul	95
19) Chrysene	21.19	228	24492	0.267	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	23012m	0.255	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	10216m	0.106	ng/ul	
23) Benzo(a)pyrene	23.23	252	15635	0.204	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.47	276	8729	0.086	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.48	278	2338	0.028	ng/ul#	63
26) Benzo(g,h,i)perylene	26.13	276	8705	0.097	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 : BN013516.D
Acq On : 27 Jan 2021 21:20
Operator : CG/JU
Sample : M1099-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 28 06:51:02 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
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Instrument :
BNA_N
ClientSampleId :
F1C01

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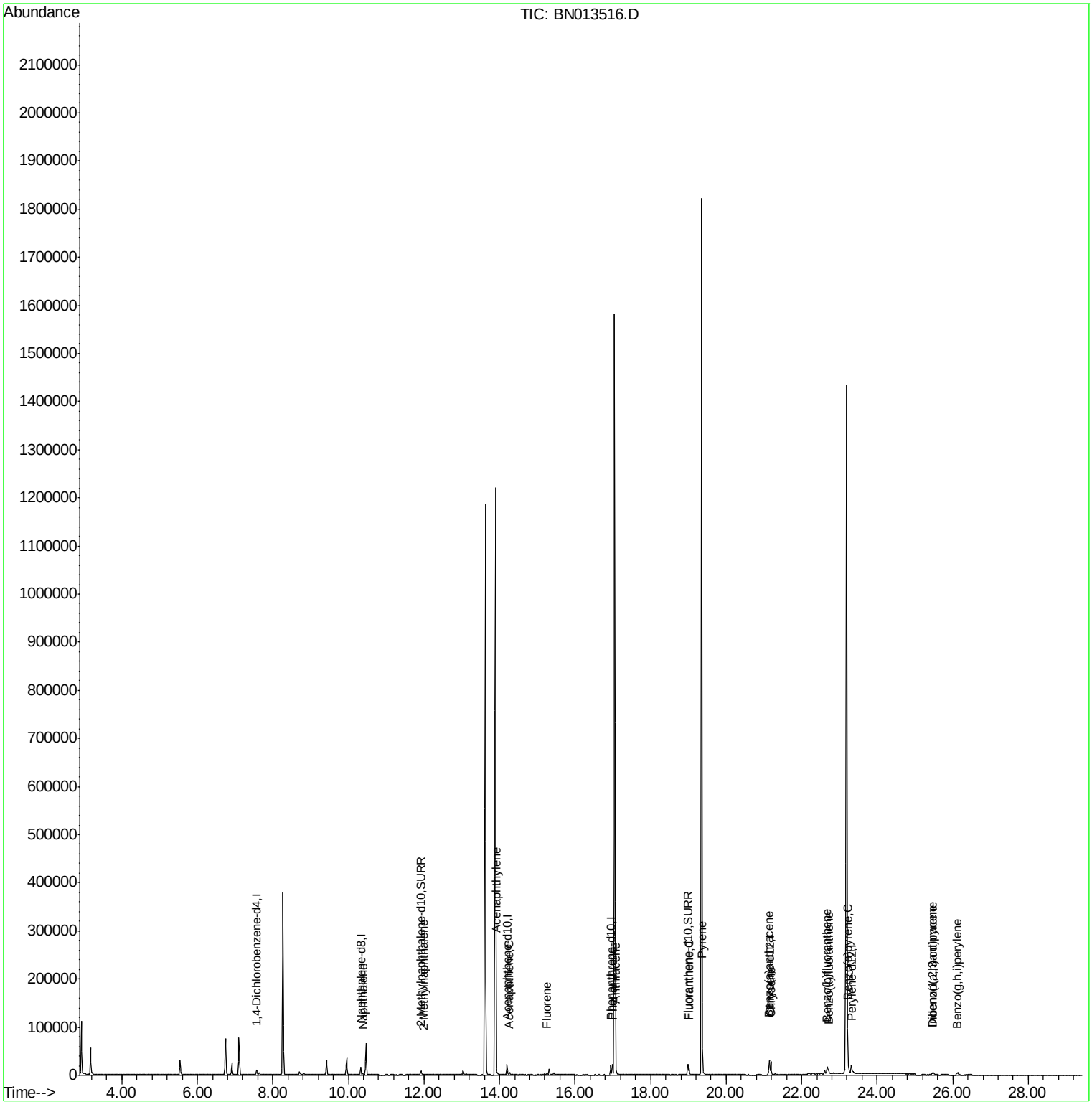

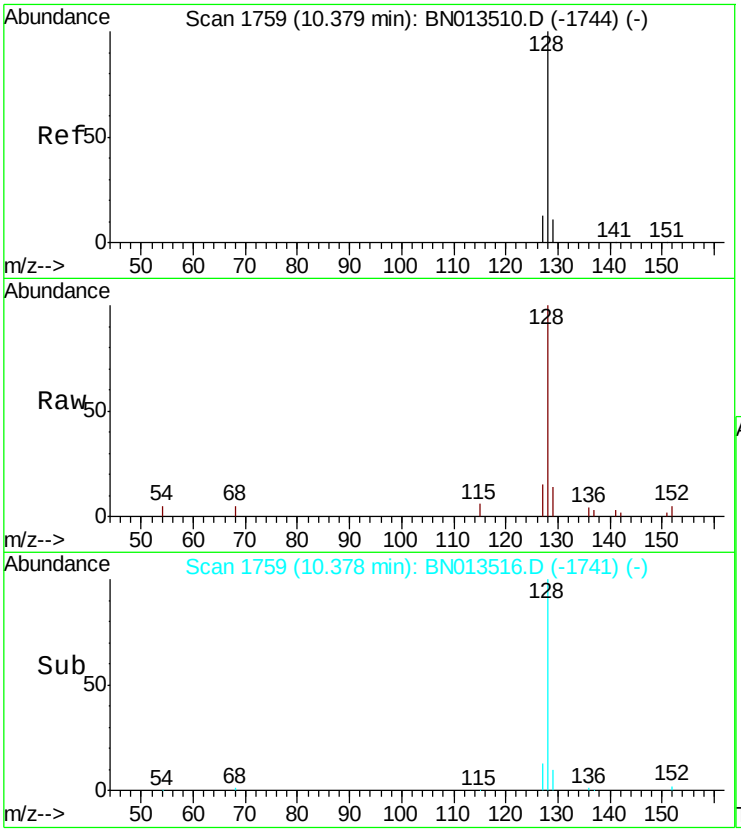

#3
Naphthalene
Concen: 0.068 ng/ul
RT: 10.38 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:128 Resp: 3784

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.0	13.6#
127	15.3	10.6	15.8

Instrument :
BNA_N
ClientSampleId :
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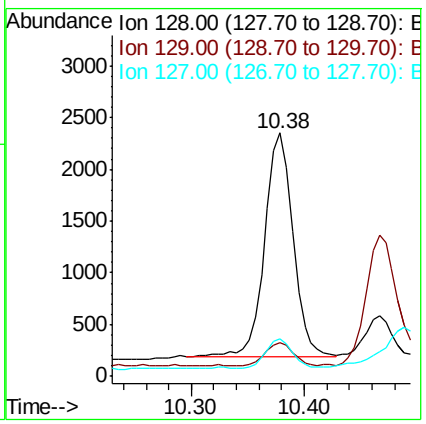
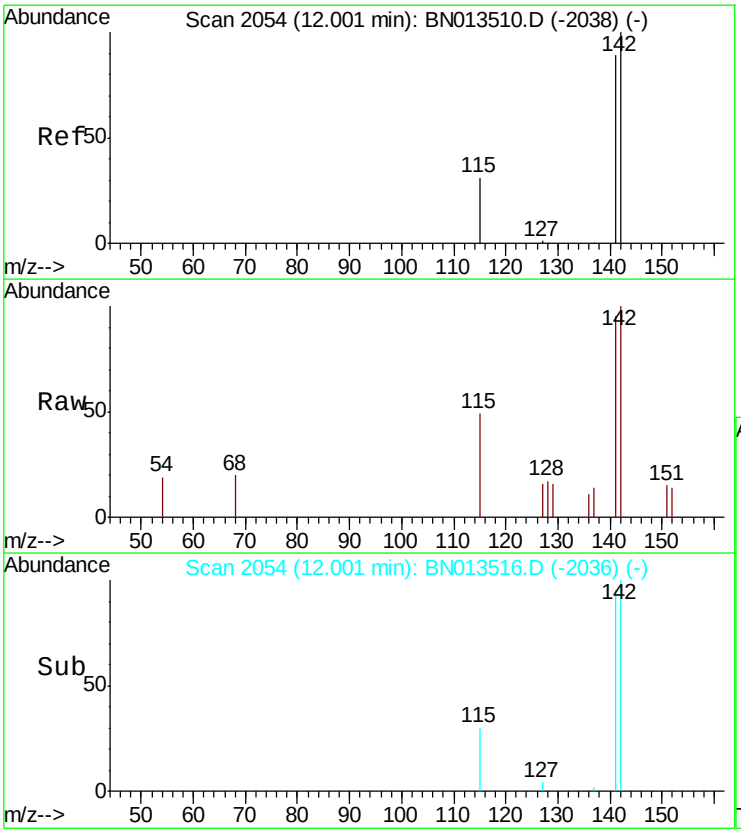
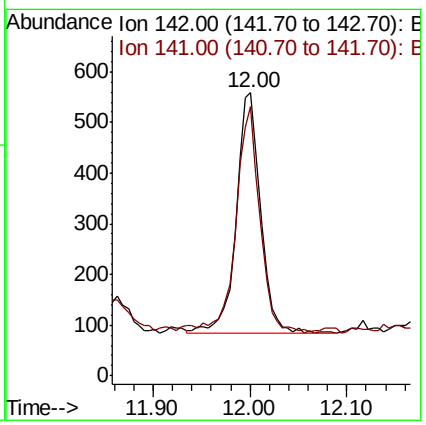


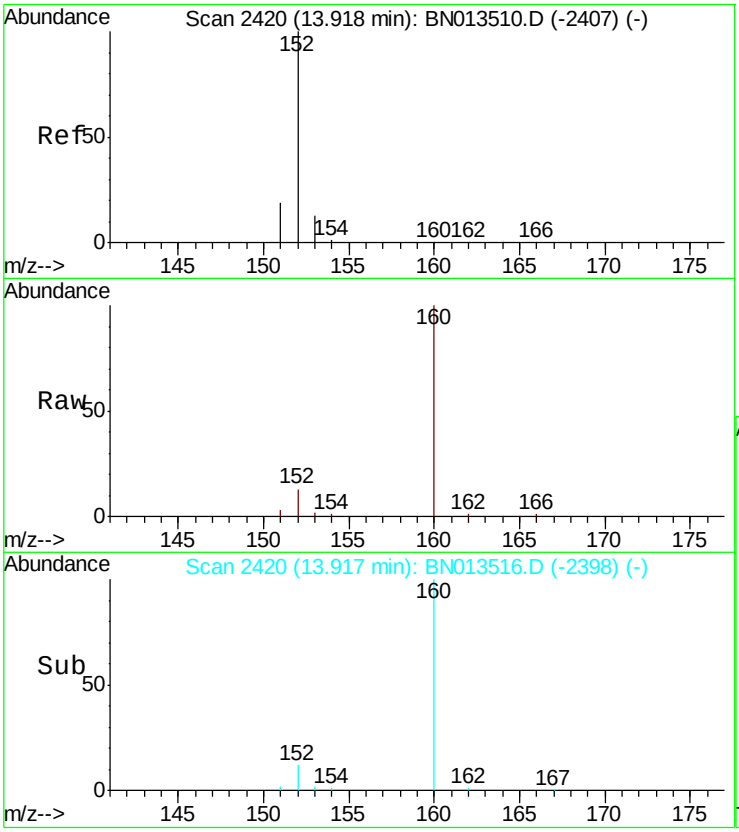


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.00 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:142 Resp: 822

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.6	106.0

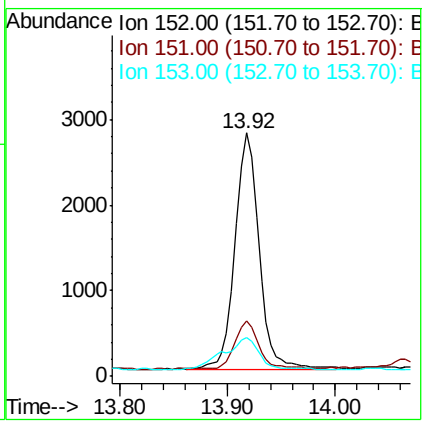




#7
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.92 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:152 Resp: 4273

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.1	24.1
153	15.9	10.7	16.1



Instrument :
BNA_N
ClientSampleId :
F1C01

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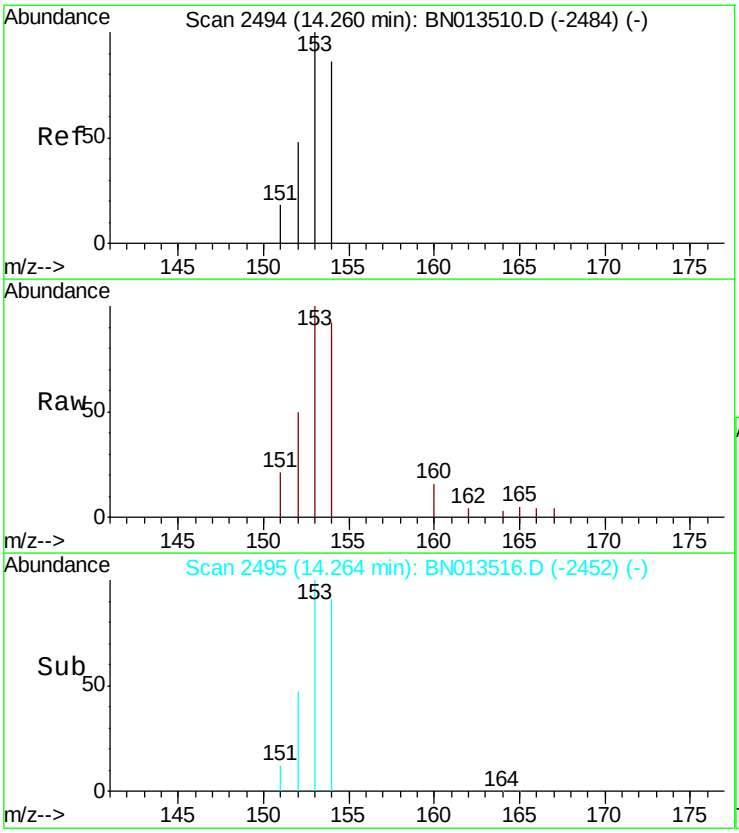
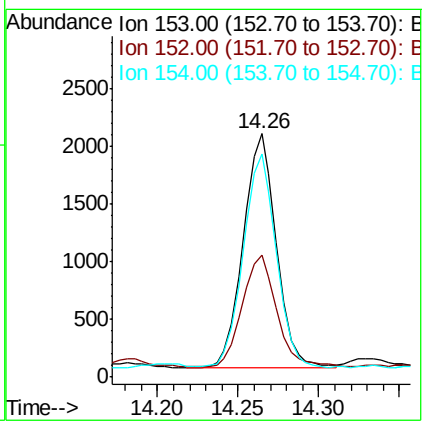
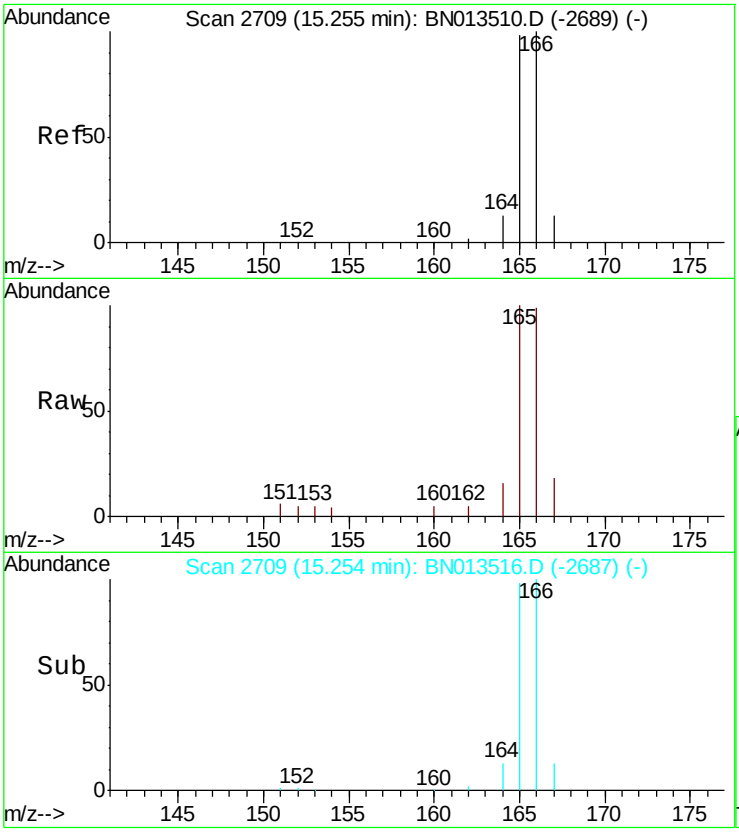


#8
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.26 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:153 Resp: 2917

Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.5	59.3
154	91.5	70.6	105.8





#9
Fluorene
Concen: 0.069 ng/ul
RT: 15.25 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:166 Resp: 3223

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.7	118.1
167	18.1	11.3	16.9#

Instrument :
BNA_N
ClientSampleId :
F1C01

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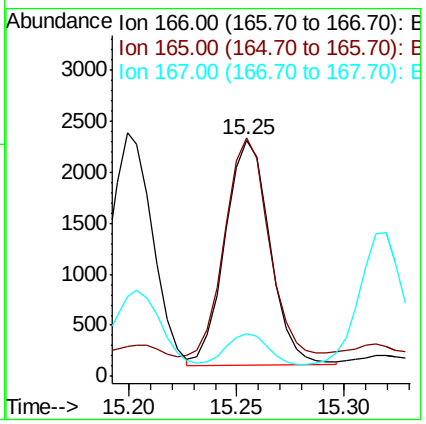
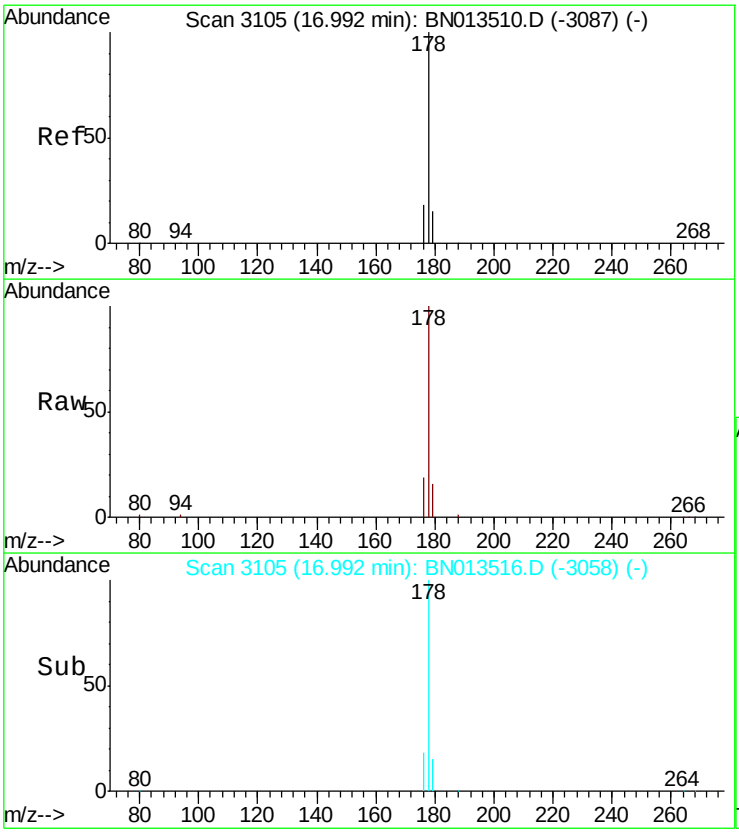
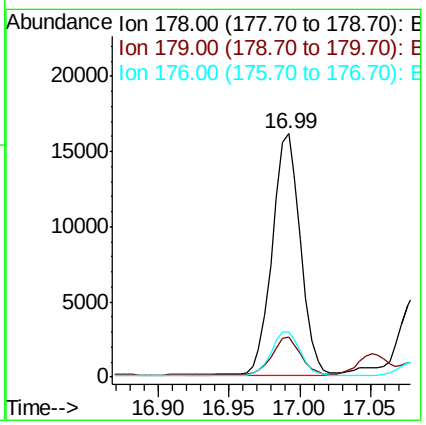


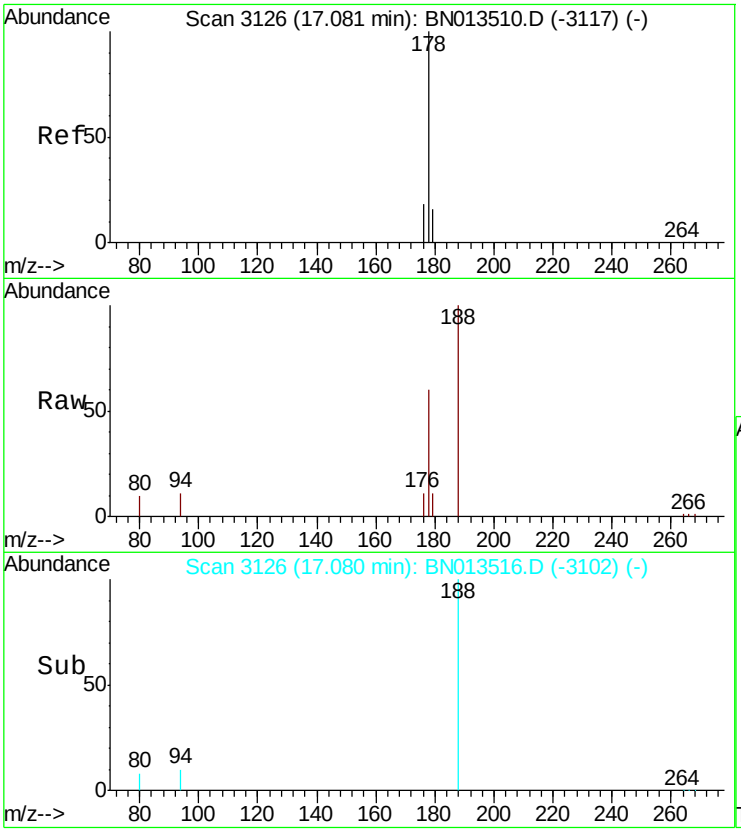


#12
Phenanthrene
Concen: 0.284 ng/ul
RT: 16.99 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:178 Resp: 22413

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	18.8	15.6	23.4

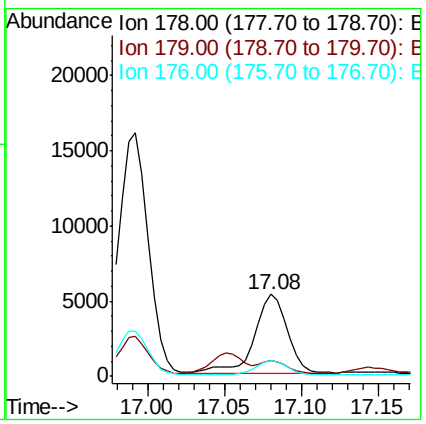




#13
Anthracene
Concen: 0.120 ng/ul
RT: 17.08 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:178 Resp: 7789

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.6	19.0
176	18.9	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F1C01

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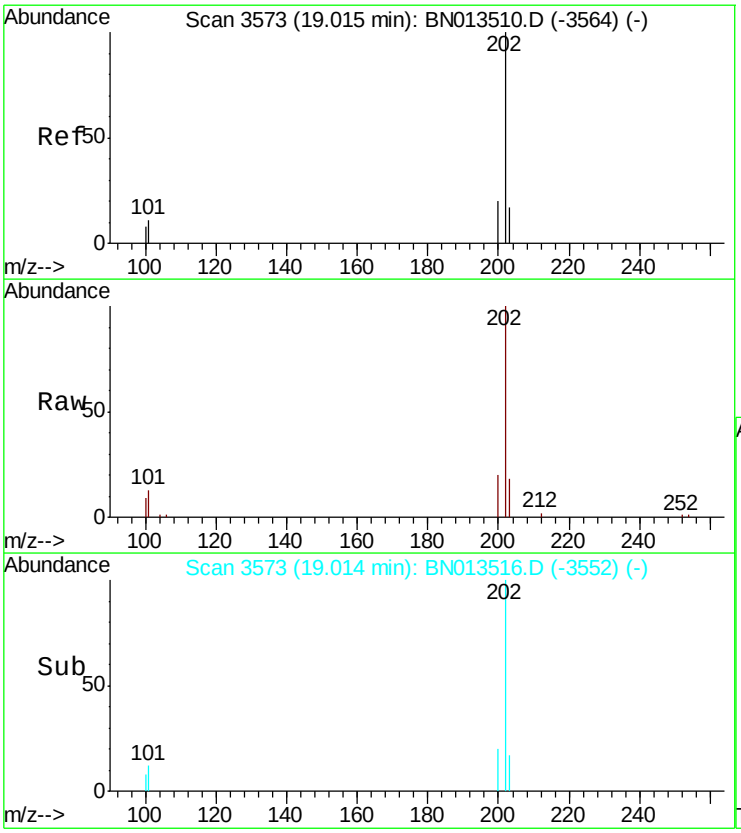
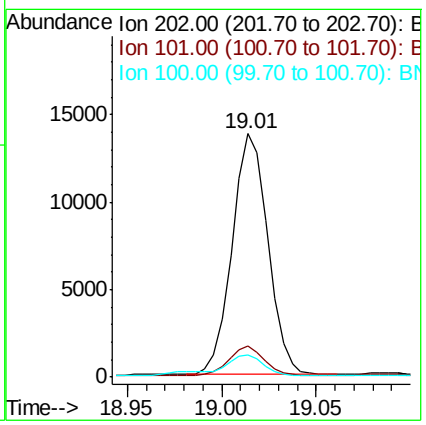
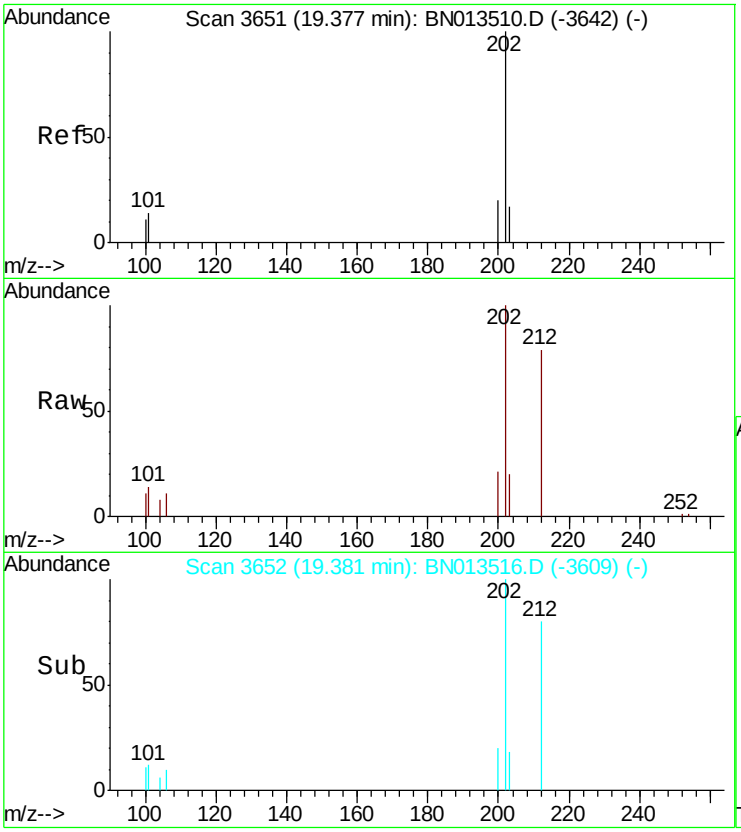


#15
Fluoranthene
Concen: 0.209 ng/ul
RT: 19.01 min Scan# 3573
Delta R.T. -0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:202 Resp: 18062

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.6
100	9.1	0.0	28.5





#17
Pyrene
Concen: 0.195 ng/ul
RT: 19.38 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:202 Resp: 17795

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.2	16.8
100	11.4	9.0	13.4

Instrument :
BNA_N
ClientSampleId :
F1C01

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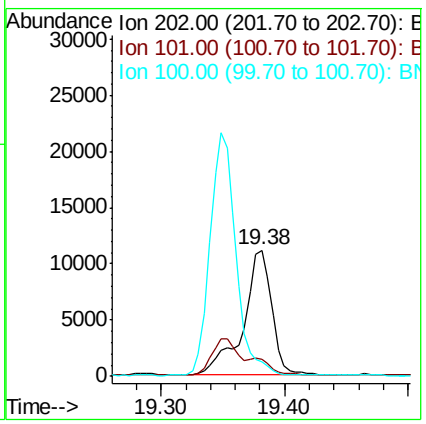
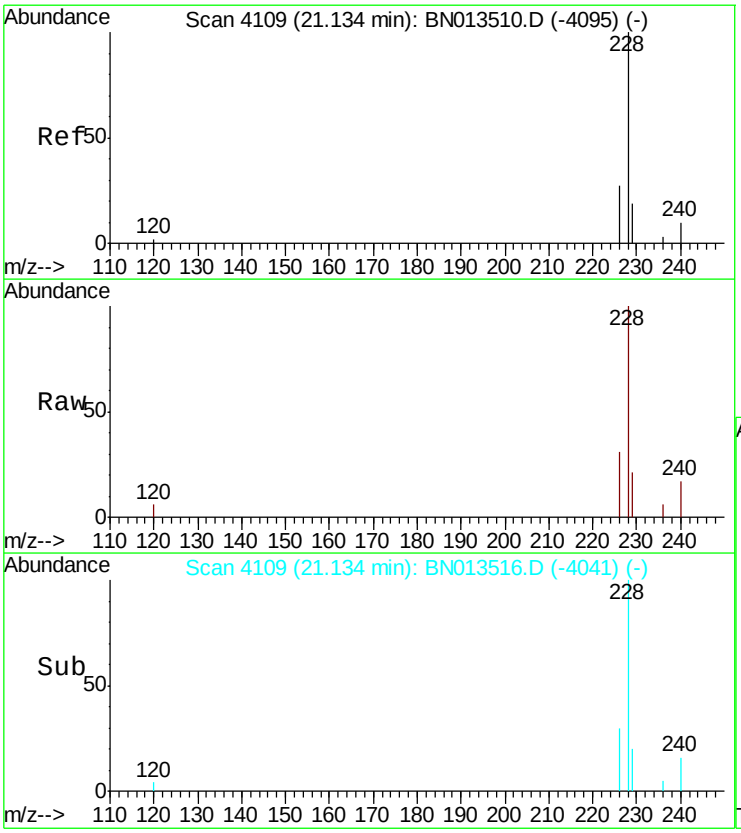
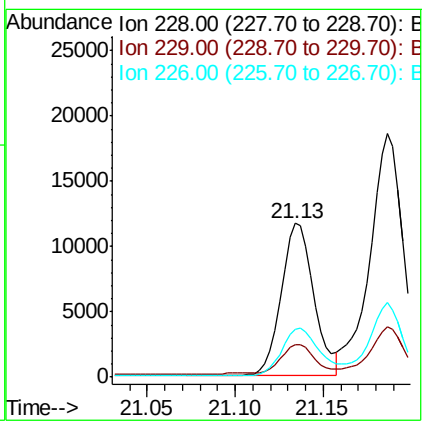


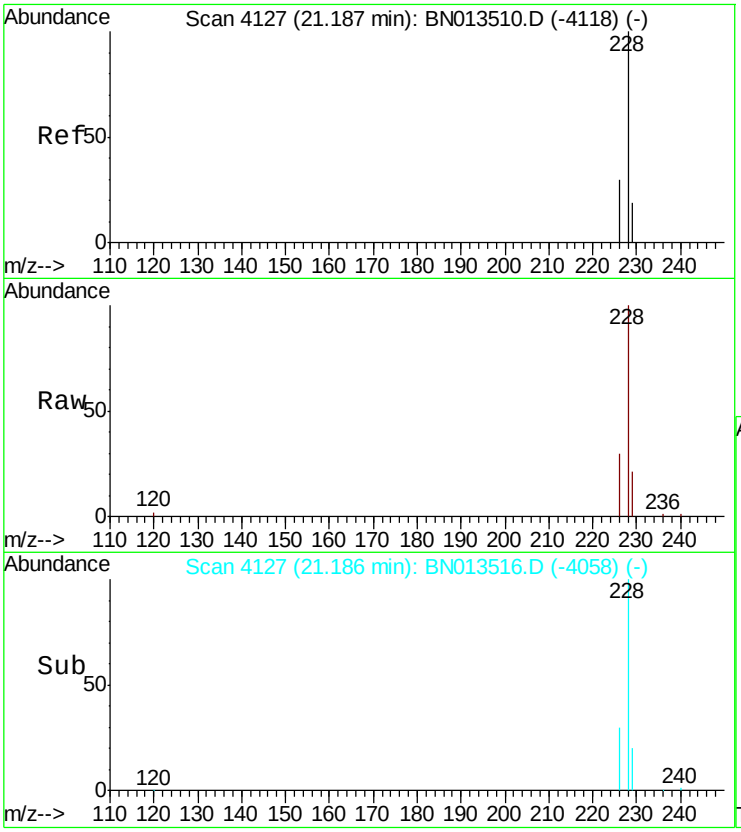


#18
Benzo(a)anthracene
Concen: 0.206 ng/ul
RT: 21.13 min Scan# 4109
Delta R.T. -0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:228 Resp: 15130

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	30.8	21.9	32.9

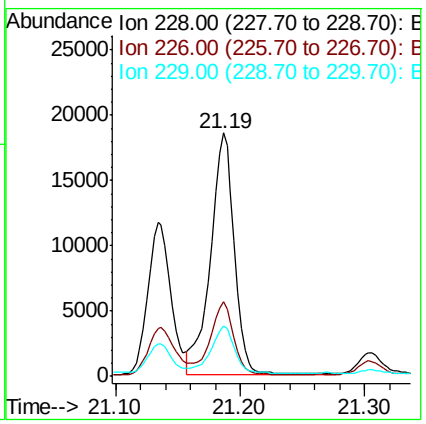




#19
Chrysene
Concen: 0.267 ng/ul
RT: 21.19 min Scan# 4127
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:228 Resp: 24492

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.5	15.8	23.8



Instrument :
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ClientSampleId :
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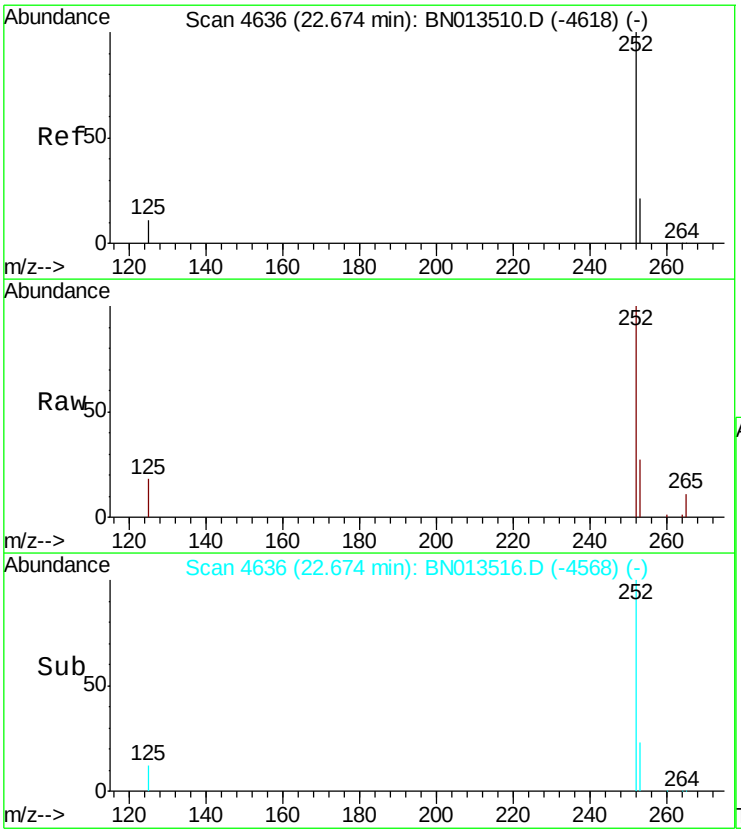
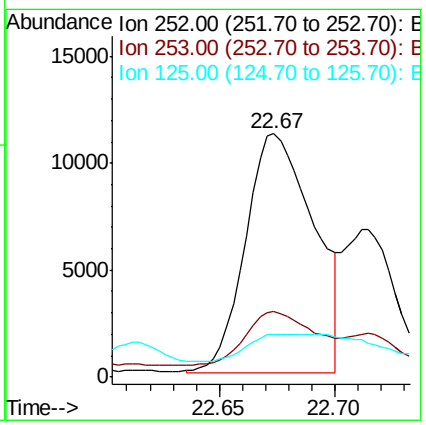
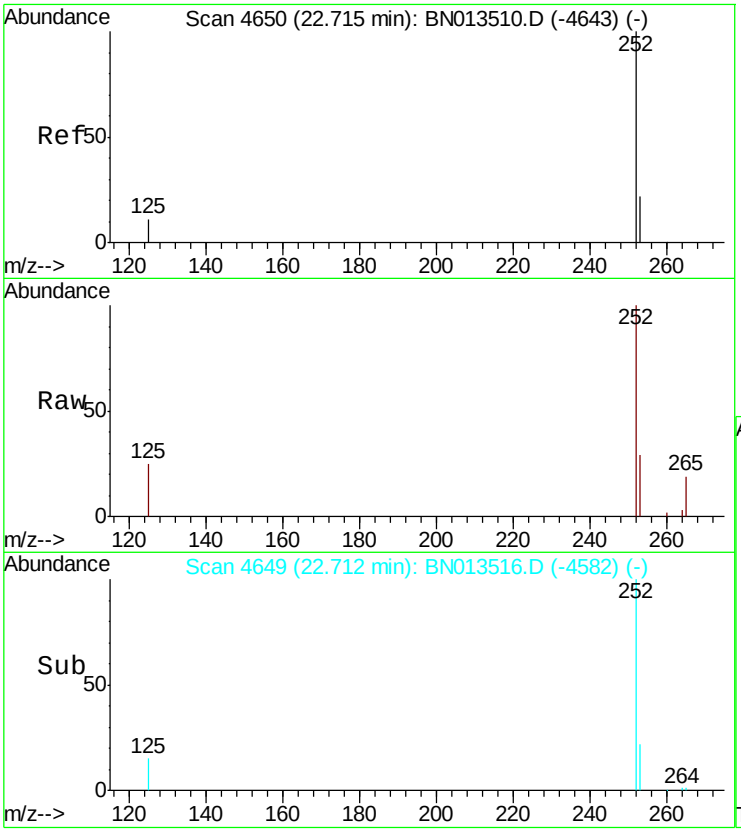


#21
Benzo(b)fluoranthene
Concen: 0.255 ng/ul m
RT: 22.67 min Scan# 4636
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:252 Resp: 23012

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	47.4
125	17.7	0.0	26.8





#22
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 22.71 min Scan# 4649
Delta R.T. -0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:252 Resp: 10216

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.2	28.8#
125	25.2	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
F1C01

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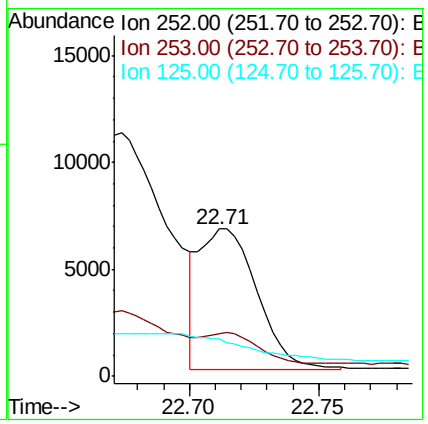
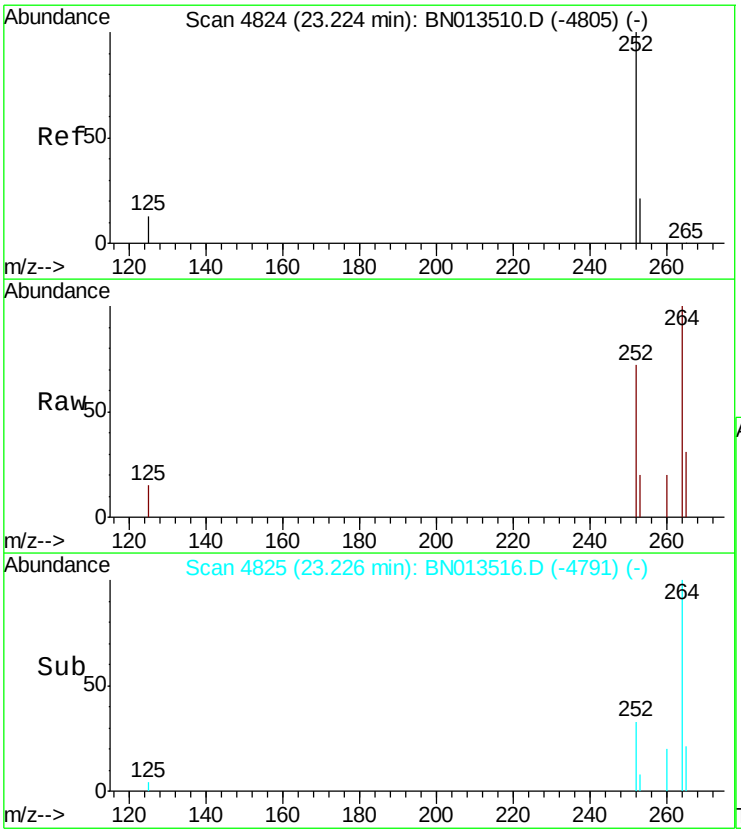
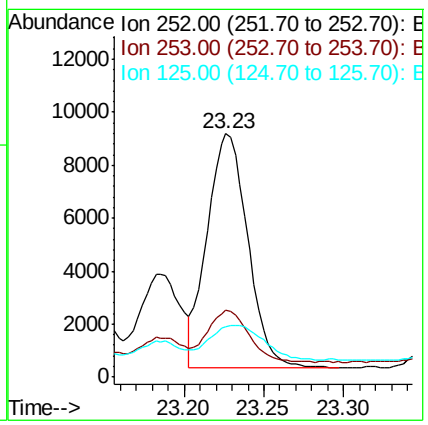


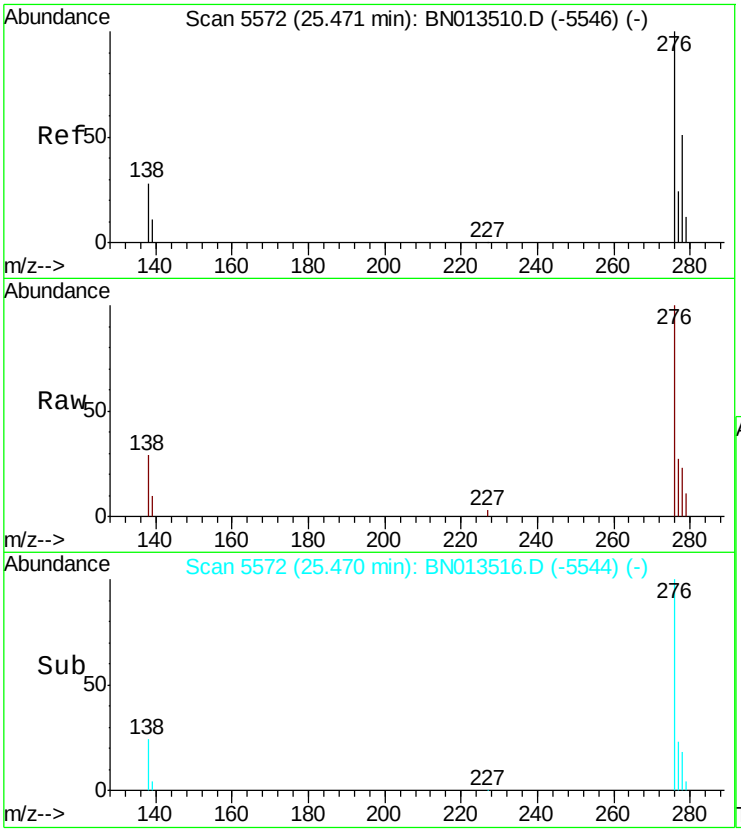


#23
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.23 min Scan# 4825
Delta R.T. 0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:252 Resp: 15635

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.1	30.1
125	20.8	13.1	19.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 25.47 min Scan# 5572
Delta R.T. -0.01 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Instrument :
BNA_N
ClientSampleId :
F1C01

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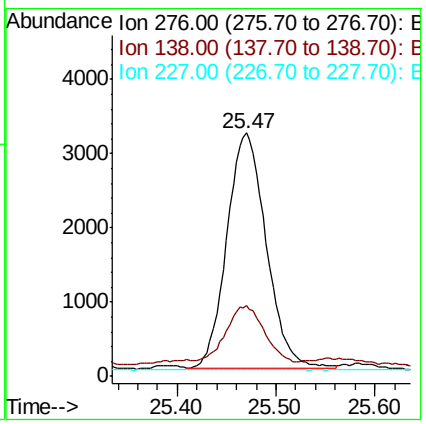
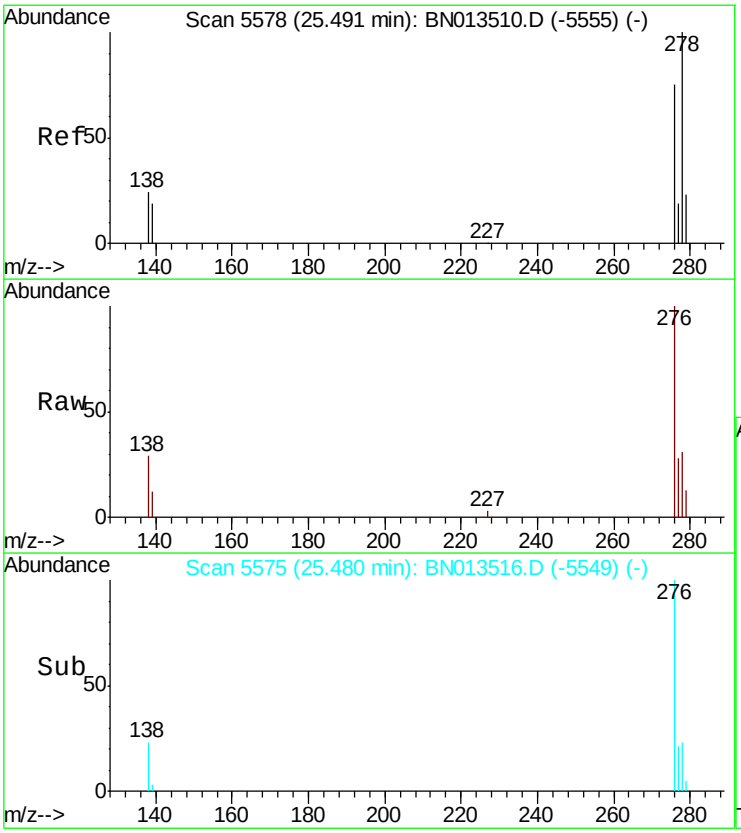
1/28/2021 11:44:31 AM

Tgt Ion:276 Resp: 8729

Ion	Ratio	Lower	Upper
276	100		
138	24.3	0.0	0.0#
227	0.1	0.0	0.0#

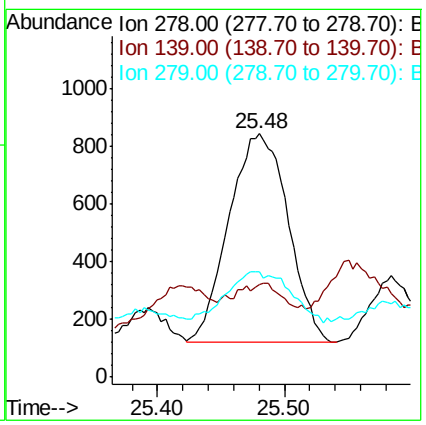


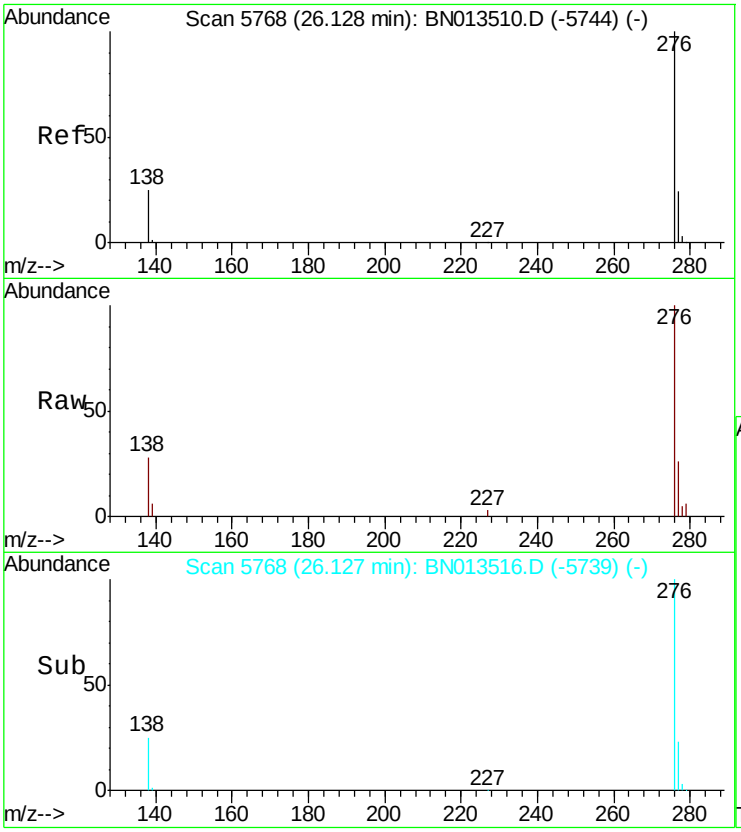


#25
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.48 min Scan# 5575
Delta R.T. -0.01 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:278 Resp: 2338

Ion	Ratio	Lower	Upper
278	100		
139	38.2	16.5	24.7#
279	43.5	20.4	30.6#

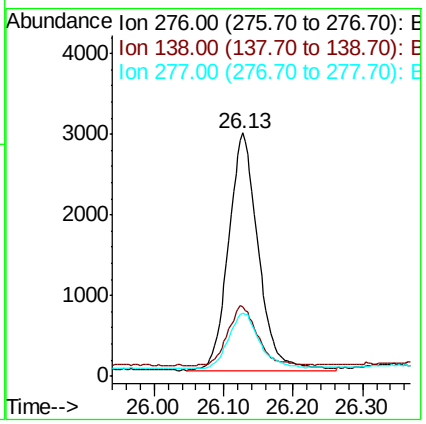




#26
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.13 min Scan# 5768
Delta R.T. -0.00 min
Lab File: BN013516.D
Acq: 27 Jan 2021 21:20

Tgt Ion:276 Resp: 8705

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.4
277	25.7	19.5	29.3



Instrument :
BNA_N
ClientSampleId :
F1C01

Manual Integrations APPROVED
mohammad
1/28/2021 11:44:31 AM