Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013027.D
Acq On : 10 Dec 2020 00:21
Operator : CG/JU
Sample : L4941-10
Misc :
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 10 01:57:13 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 : Thu Dec 10 00:40:41 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0B28

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1136	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	4749	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2616	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	5557	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	4347	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	3855	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1065	0.15	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2444	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	693	0.050	ng/ul#	88
5) 2-Methylnaphthalene	11.82	142	518	0.057	ng/ul	97
7) Acenaphthylene	13.76	152	2051	0.166	ng/ul	98
8) Acenaphthene	14.11	153	5535	0.545	ng/ul	98
9) Fluorene	15.11	166	6068	0.521	ng/ul	99
12) Phenanthrene	16.84	178	150058	8.054	ng/ul	97
13) Anthracene	16.94	178	30165	1.902	ng/ul	94
15) Fluoranthene	18.88	202	303556	13.710	ng/ul	97
17) Pyrene	19.25	202	242807	11.825	ng/ul	99
18) Benzo(a)anthracene	21.01	228	121122	6.735	ng/ul	98
19) Chrysene	21.06	228	119241	6.001	ng/ul	98
21) Benzo(b)fluoranthene	22.51	252	148415m	8.322	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	47919m	2.431	ng/ul	
23) Benzo(a)pyrene	23.03	252	92429	5.585	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.18	276	59837	2.753	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.19	278	14922	0.868	ng/ul	95
26) Benzo(g,h,i)perylene	25.81	276	48425	2.463	ng/ul	96

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

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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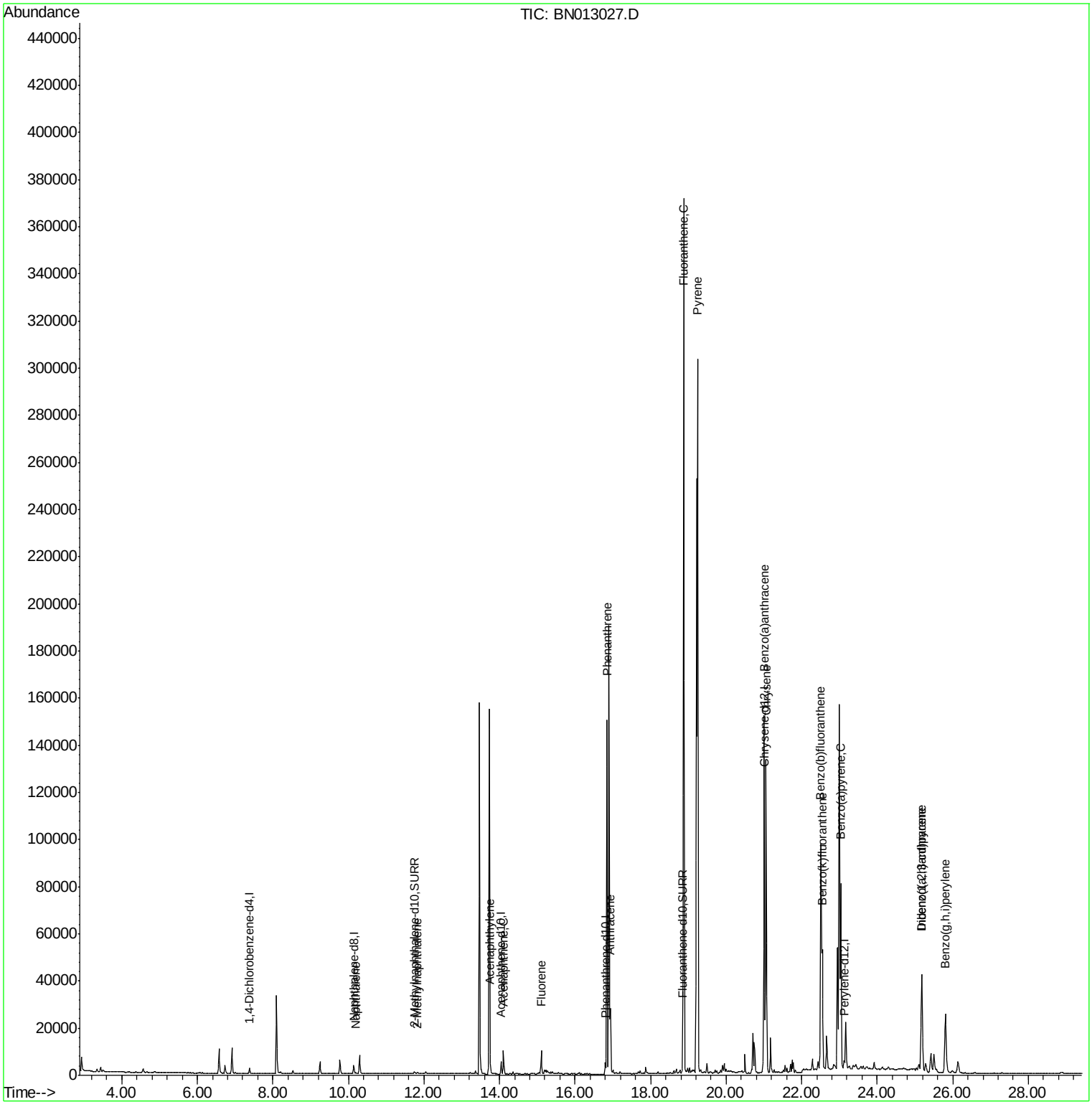
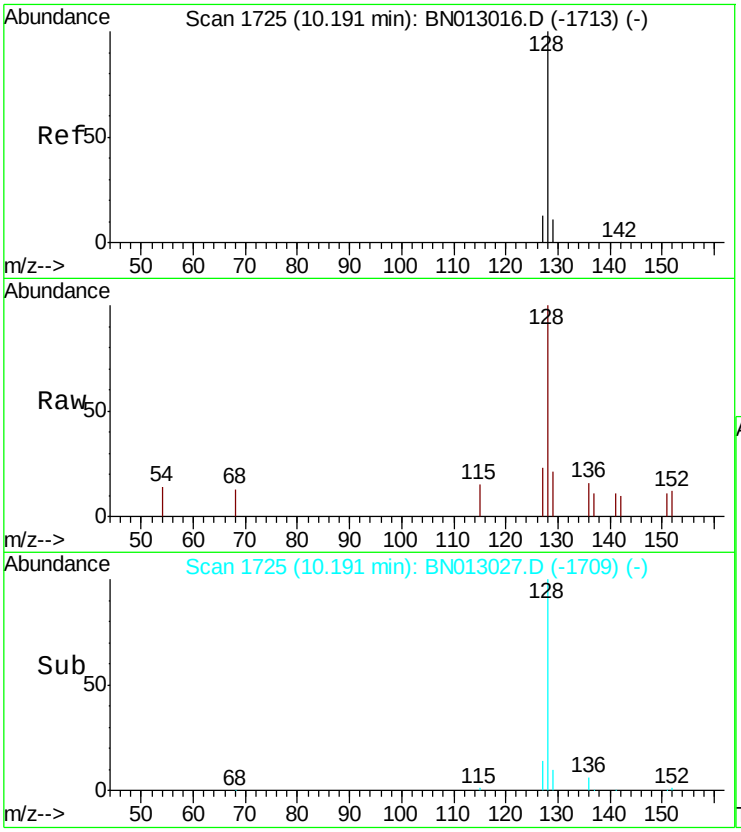
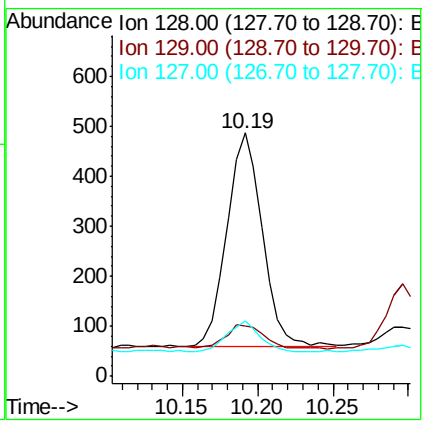




#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.19 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:128 Resp: 693

Ion	Ratio	Lower	Upper
128	100		
129	20.7	12.3	18.5#
127	22.6	14.2	21.4#



Instrument :
BNA_N
ClientSampleId :
C0B28

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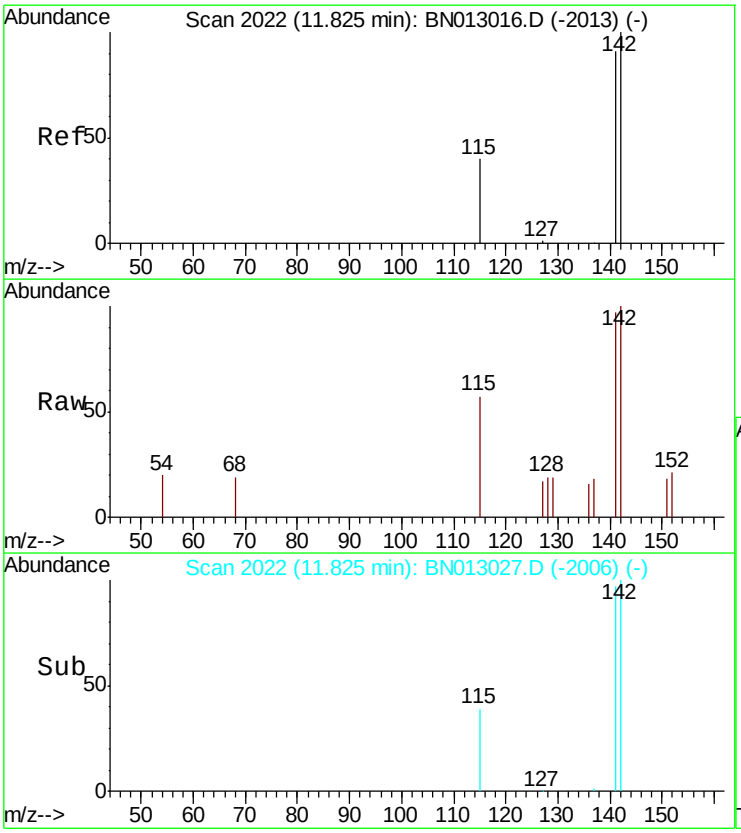
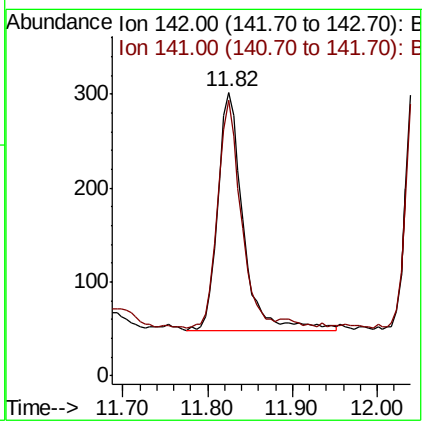
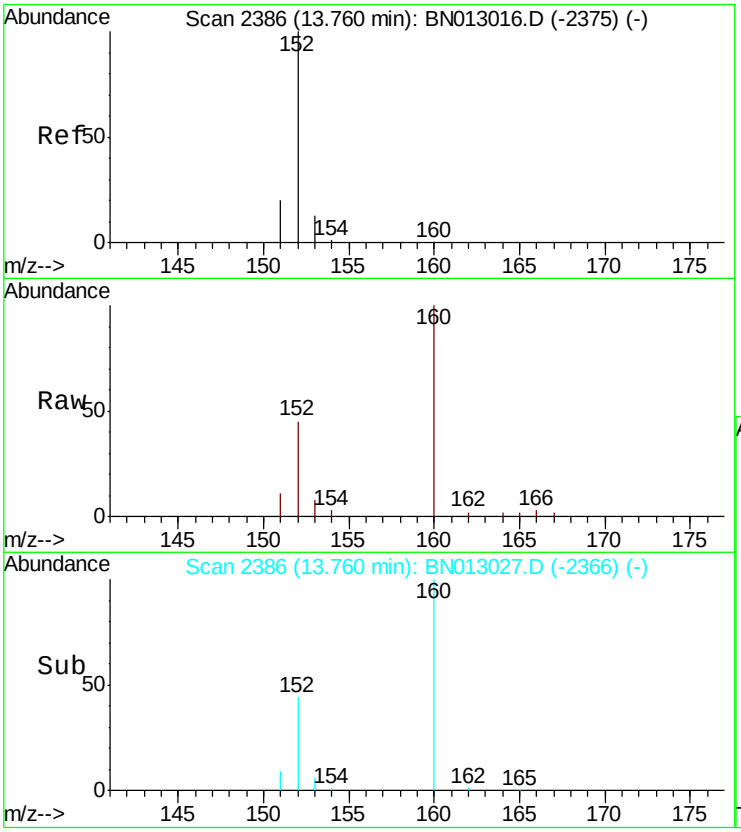


#5
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 11.82 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:142 Resp: 518

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.0	109.6

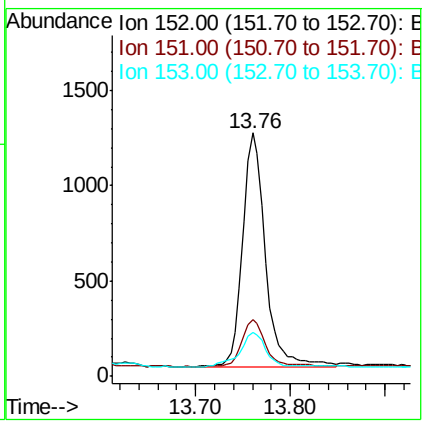




#7
Acenaphthylene
Concen: 0.166 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:152 Resp: 2051

Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.2	27.4
153	17.9	13.1	19.7



Instrument :
BNA_N
ClientSampleId :
C0B28

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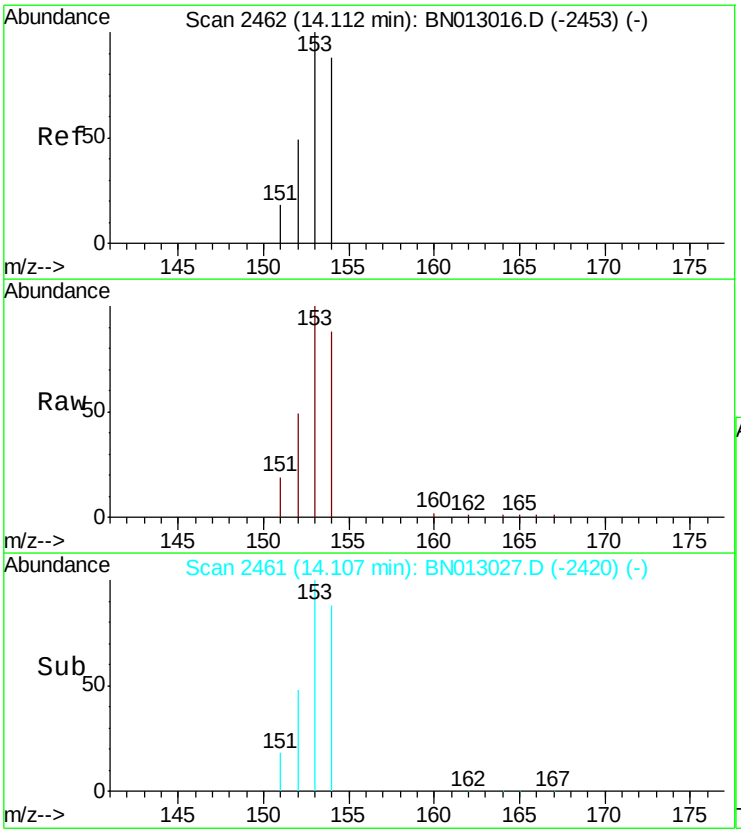
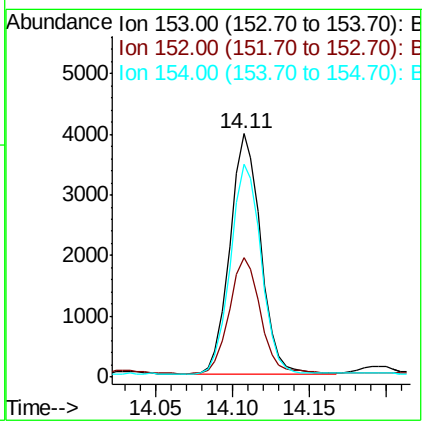
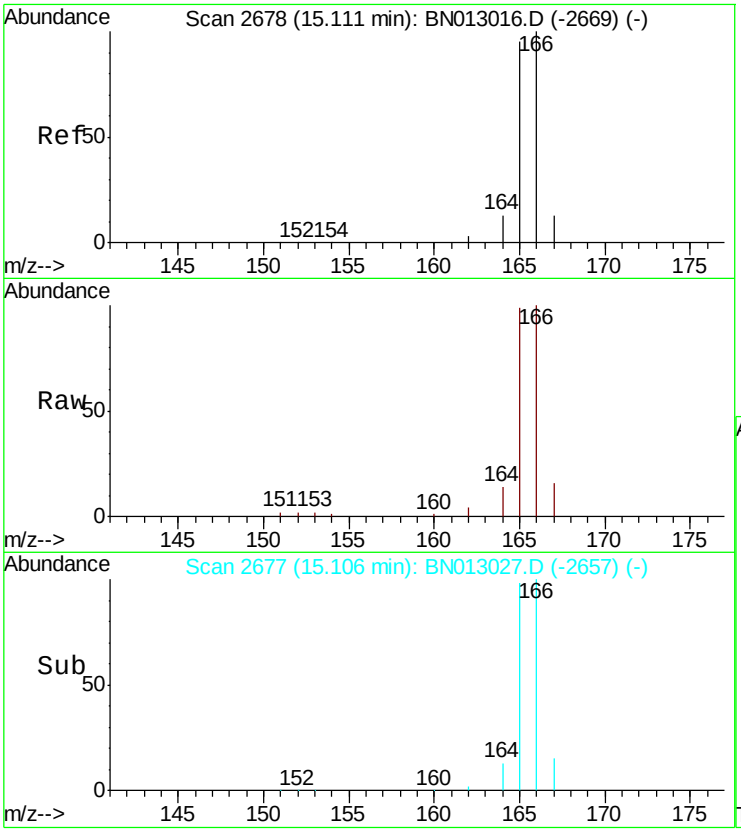


#8
Acenaphthene
Concen: 0.545 ng/ul
RT: 14.11 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:153 Resp: 5535

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.7	61.1
154	87.7	70.8	106.2

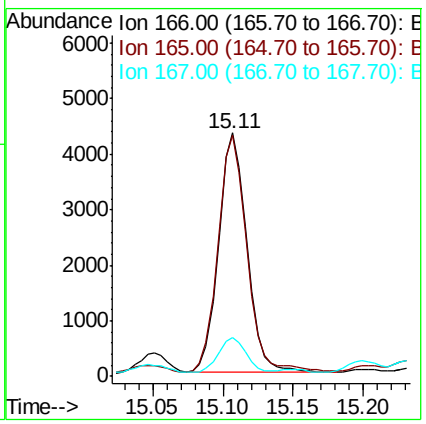




#9
Fluorene
Concen: 0.521 ng/ul
RT: 15.11 min Scan# 2677
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:166 Resp: 6068

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	16.1	13.8	20.8



Instrument :
BNA_N
ClientSampleId :
C0B28

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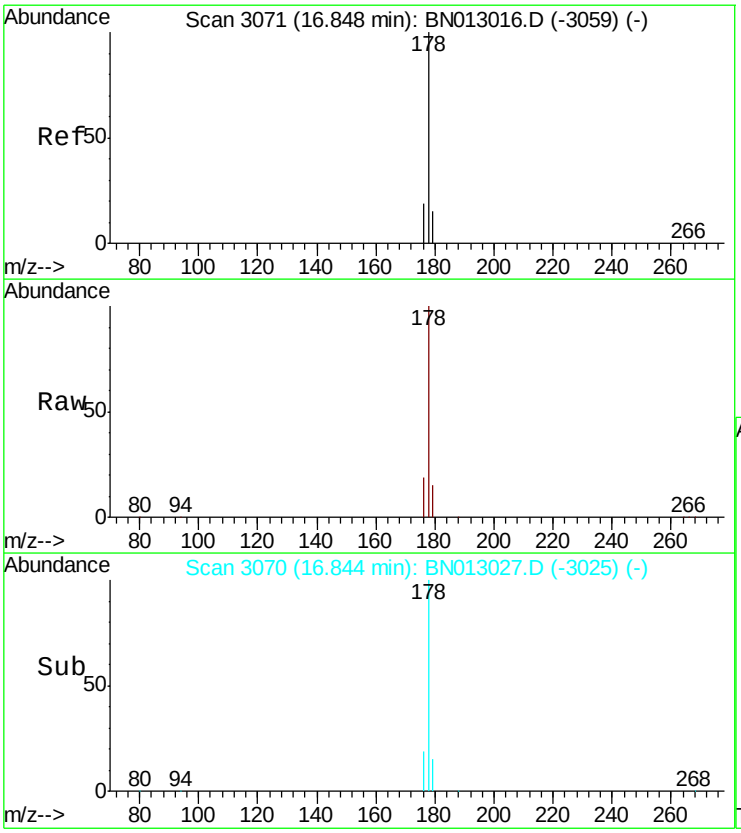
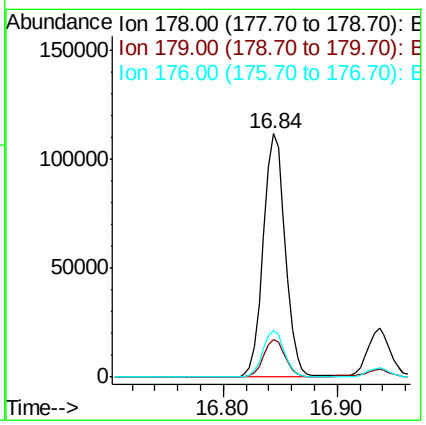
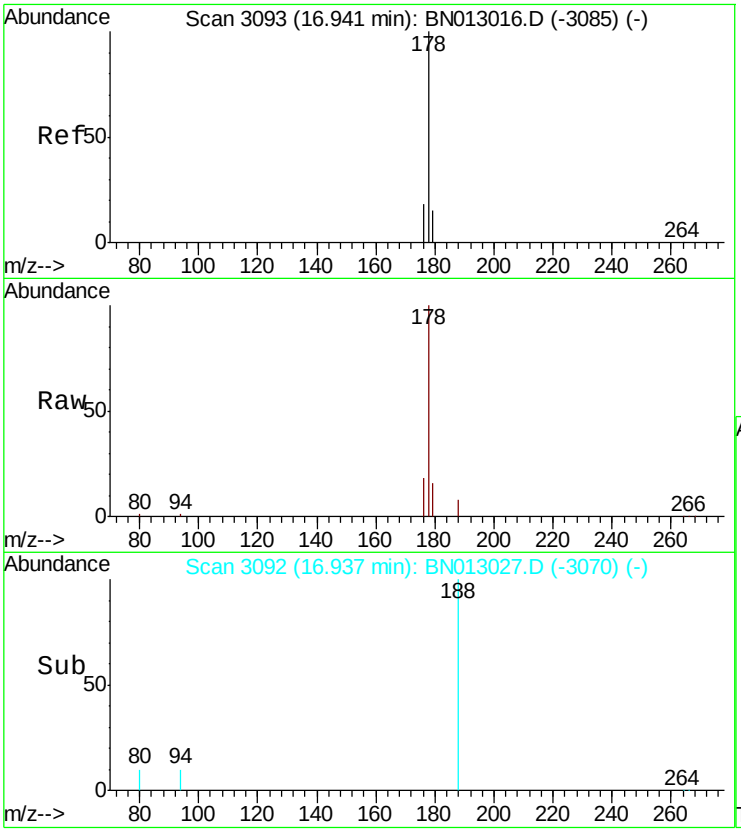


#12
Phenanthrene
Concen: 8.054 ng/ul
RT: 16.84 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:178 Resp: 150058

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	19.0	16.4	24.6

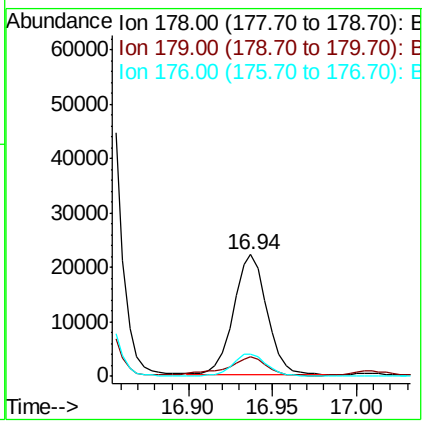




#13
Anthracene
Concen: 1.902 ng/ul
RT: 16.94 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:178 Resp: 30165

Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.6	21.8
176	18.5	17.1	25.7



Instrument :
BNA_N
ClientSampleId :
C0B28

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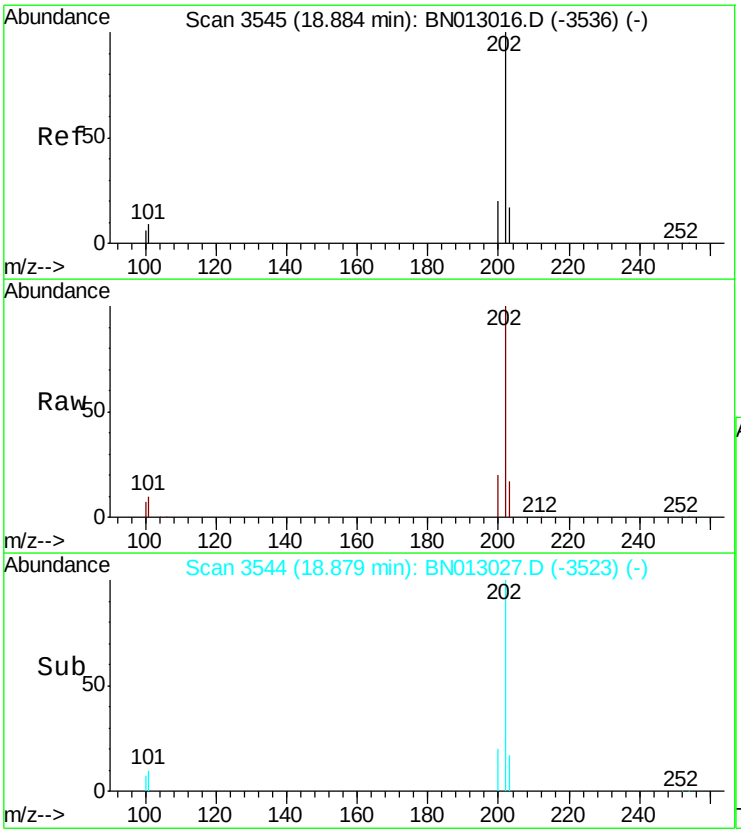
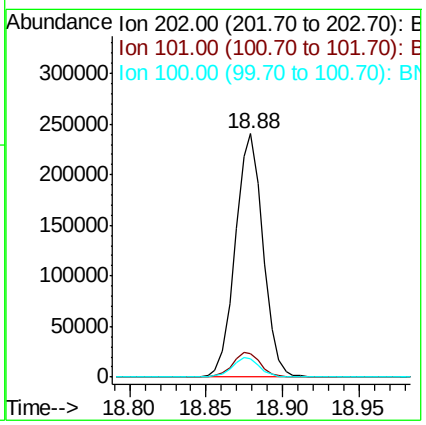
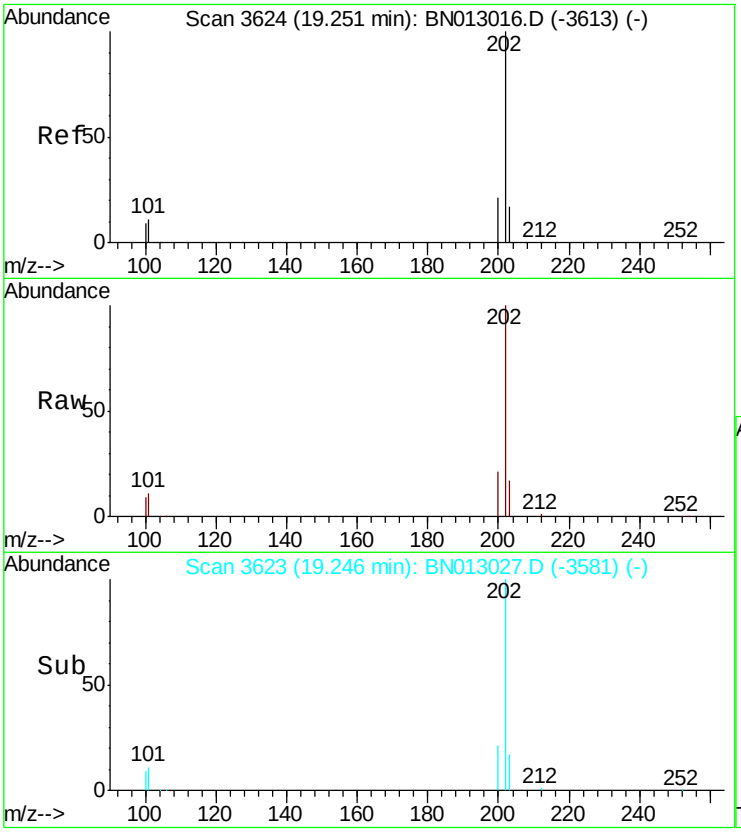


#15
Fluoranthene
Concen: 13.710 ng/ul
RT: 18.88 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:202 Resp: 303556

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.6
100	7.4	0.0	28.7





#17
Pyrene
Concen: 11.825 ng/ul
RT: 19.25 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:202 Resp: 242807

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

Instrument :
BNA_N
ClientSampleId :
C0B28

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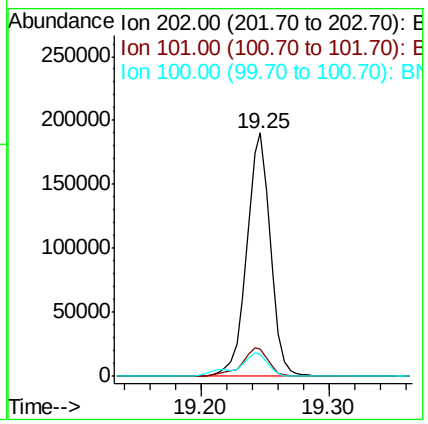
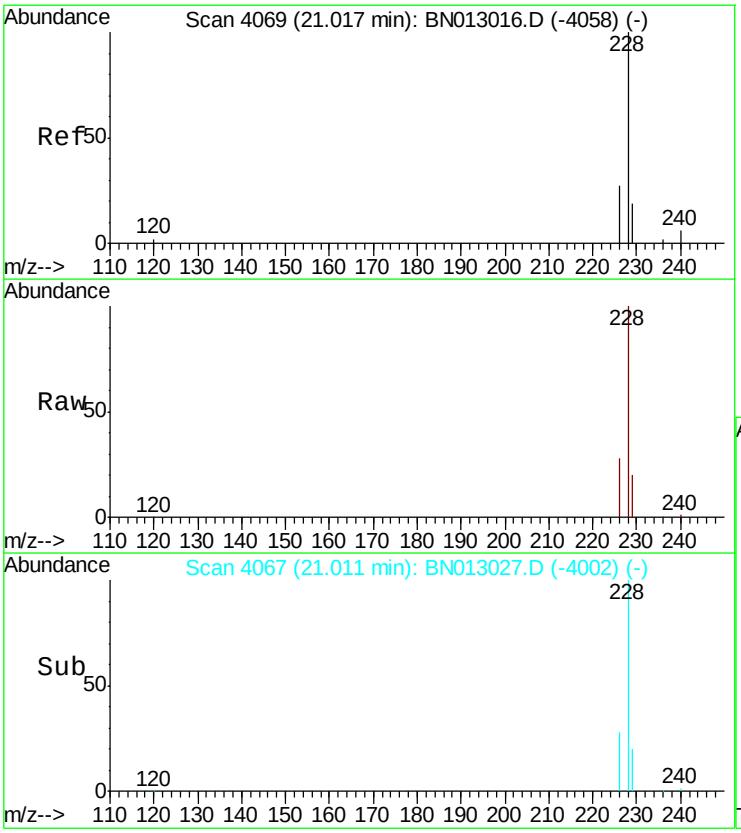
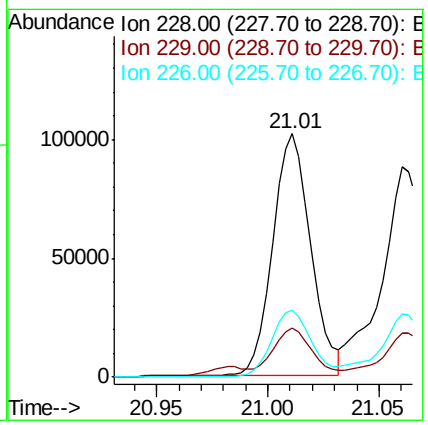


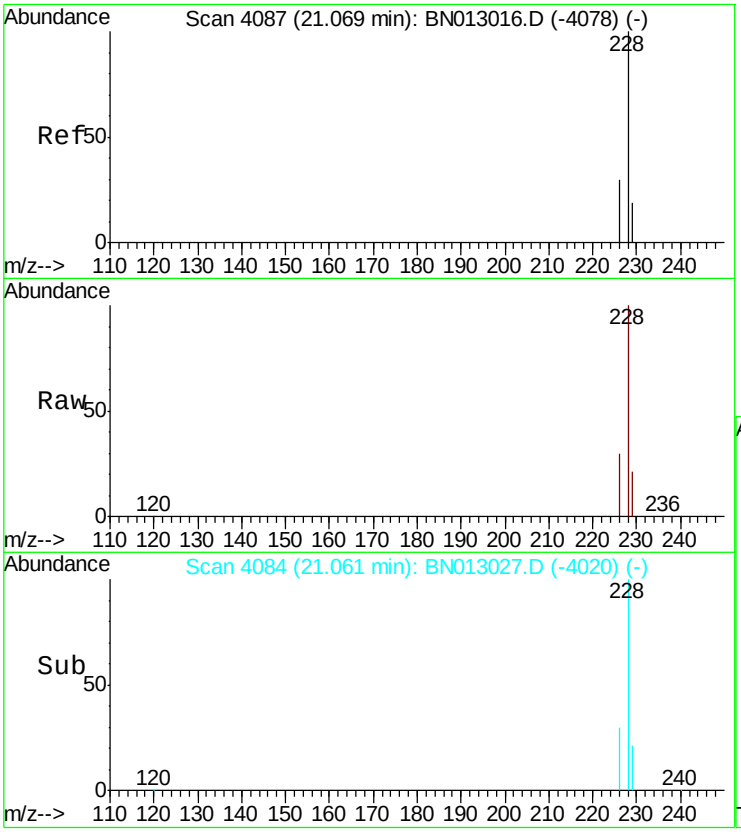


#18
Benzo(a)anthracene
Concen: 6.735 ng/ul
RT: 21.01 min Scan# 4067
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:228 Resp: 121122

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	27.7	23.4	35.2

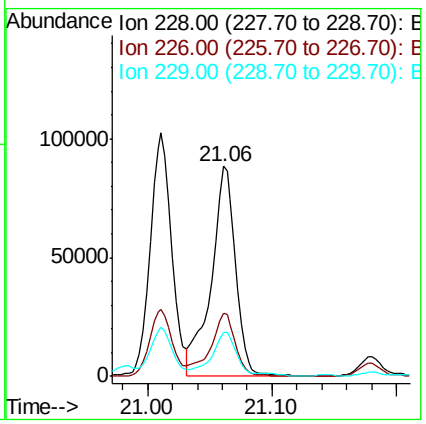




#19
Chrysene
Concen: 6.001 ng/ul
RT: 21.06 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:228 Resp: 119241

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.9	16.4	24.6



Instrument :
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ClientSampleId :
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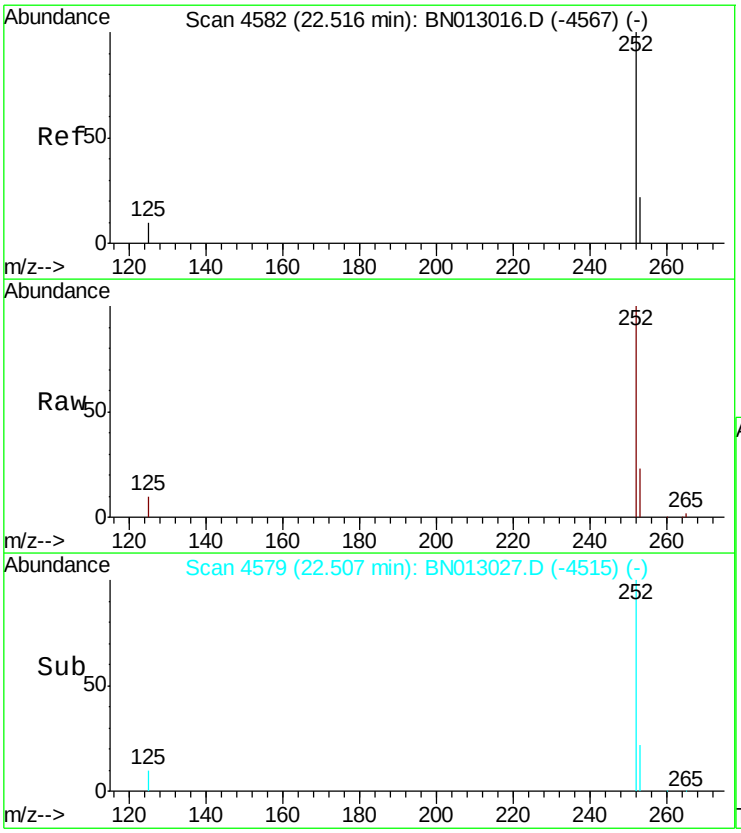
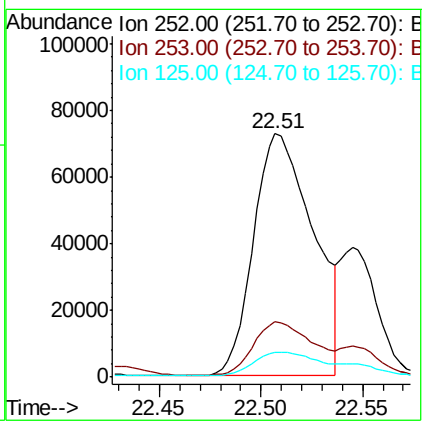
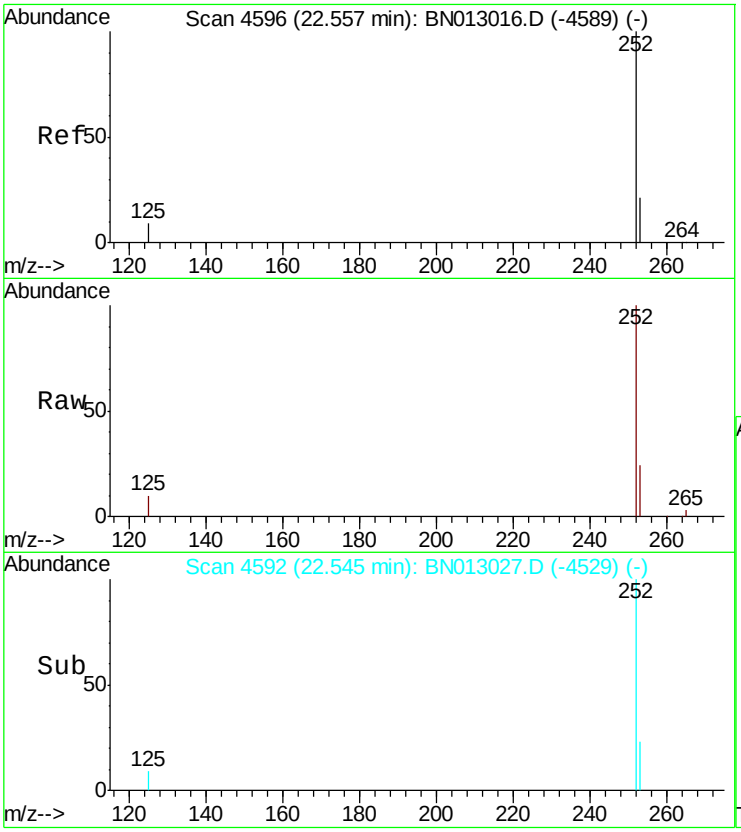


#21
Benzo(b)fluoranthene
Concen: 8.322 ng/ul m
RT: 22.51 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:252 Resp: 148415

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	59.6
125	10.1	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 2.431 ng/ul m
RT: 22.55 min Scan# 4592
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:252 Resp: 47919

Ion	Ratio	Lower	Upper
252	100		
253	23.7	23.4	35.2
125	10.1	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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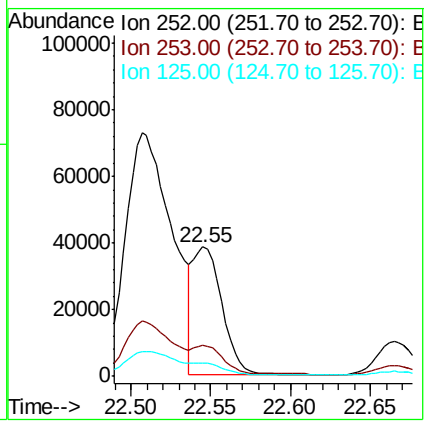
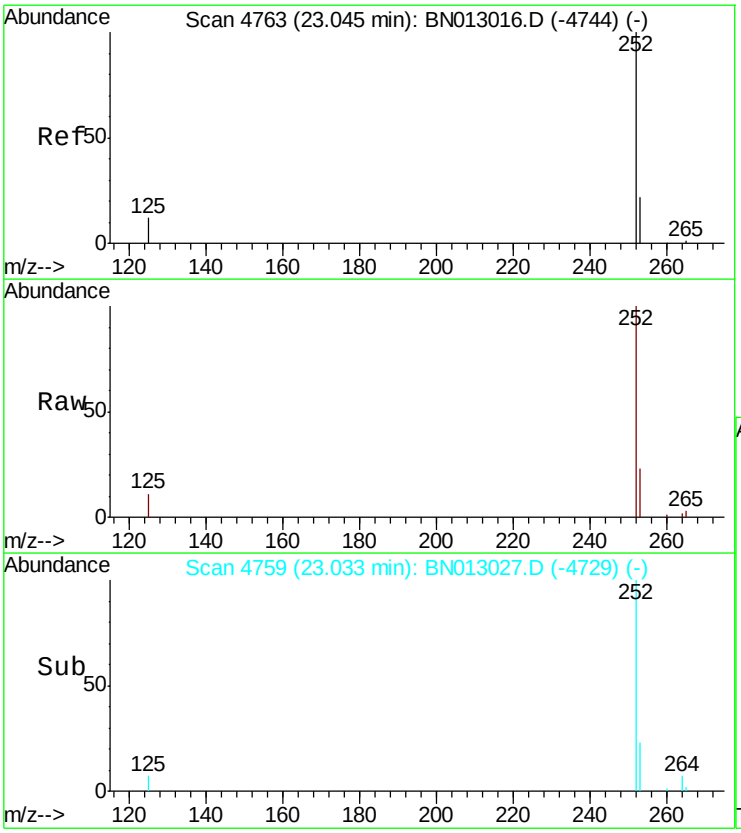
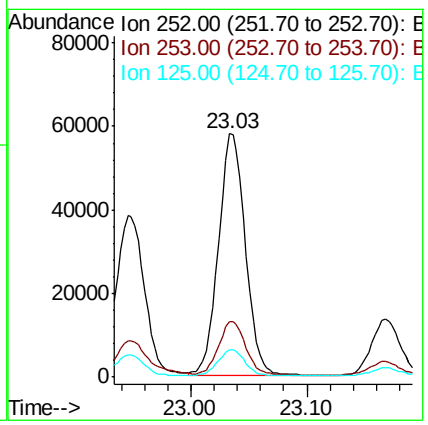


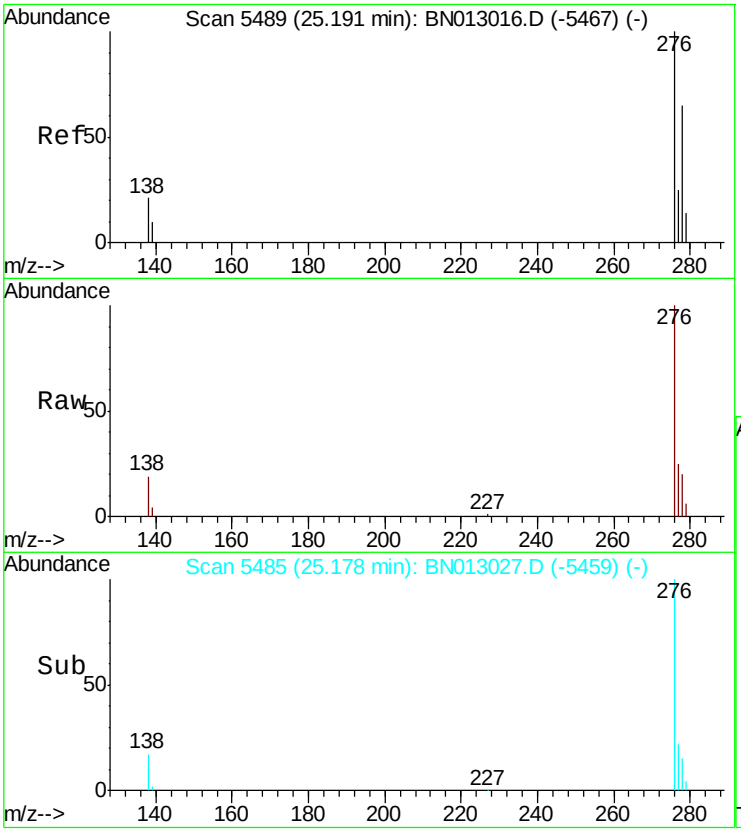


#23
Benzo(a)pyrene
Concen: 5.585 ng/ul
RT: 23.03 min Scan# 4759
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:252 Resp: 92429

Ion	Ratio	Lower	Upper
252	100		
253	22.8	26.5	39.7#
125	11.4	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.753 ng/ul
RT: 25.18 min Scan# 5485
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:276 Resp: 59837

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

Instrument :
BNA_N
ClientSampleId :
C0B28

Manual Integrations APPROVED
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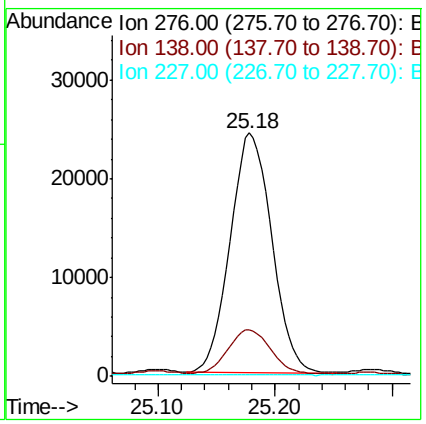
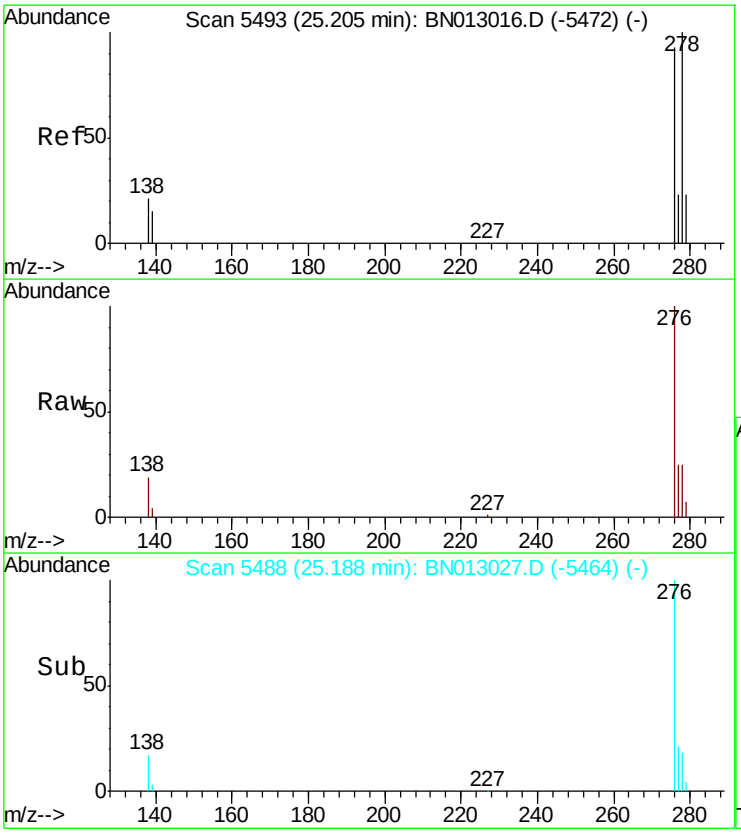
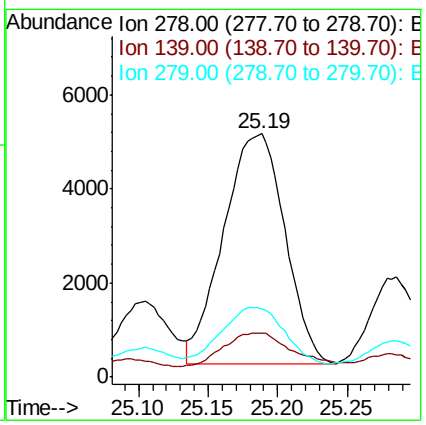


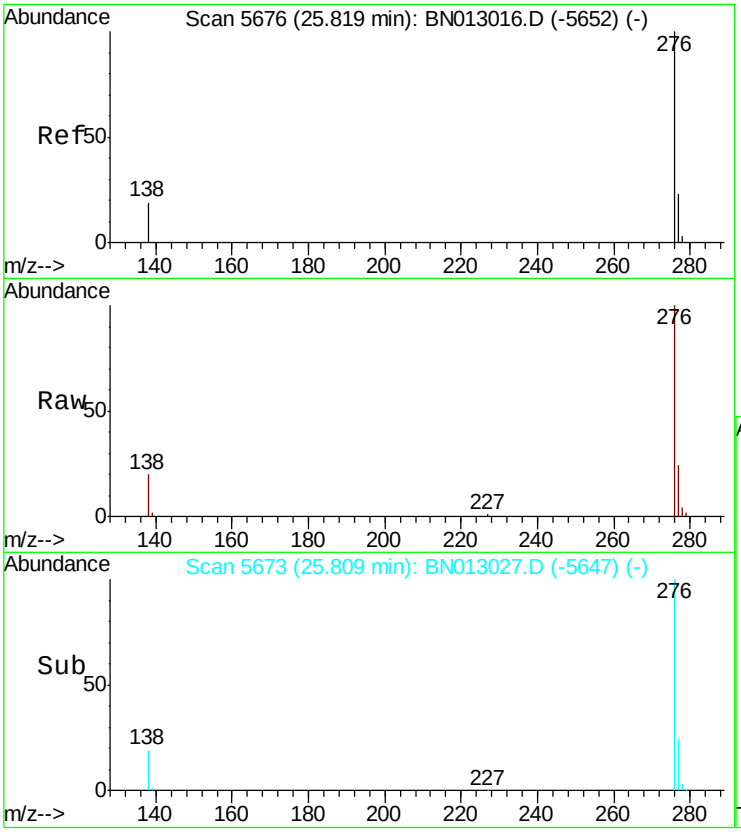


#25
Dibenzo(a,h)anthracene
Concen: 0.868 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.02 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:278 Resp: 14922

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	28.2	26.3	39.5

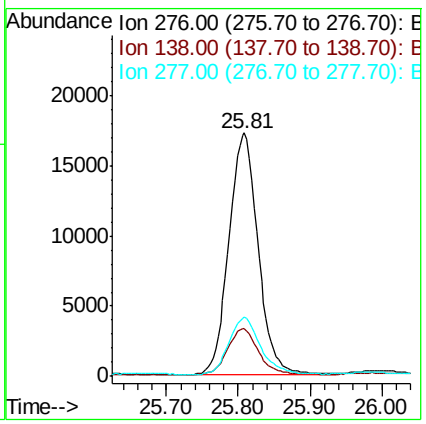




#26
Benzo(g,h,i)perylene
Concen: 2.463 ng/ul
RT: 25.81 min Scan# 5673
Delta R.T. -0.01 min
Lab File: BN013027.D
Acq: 10 Dec 2020 00:21

Tgt Ion:276 Resp: 48425

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.3	24.5
277	24.4	21.8	32.6



Instrument :
BNA_N
ClientSampleId :
C0B28

Manual Integrations APPROVED
mohammad
12/11/2020 1:18:17 PM