Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121420\
Data File : BN013110.D
Acq On : 14 Dec 2020 11:17
Operator : CG/JU
Sample : L5063-07RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 11:48:48 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 14 11:29:45 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AD9RE

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	1379	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5520	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.04	164	13244	0.40	ng/ul	0.01
10) Phenanthrene-d10	16.81	188	5826	0.40	ng/ul	0.02
16) Chrysene-d12	21.05	240	10412	0.40	ng/ul	0.03
20) Perylene-d12	23.18	264	5353	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	3754	0.46	ng/ul	0.00
14) Fluoranthene-d10	18.85	212	6686	0.42	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.18	128	215568	13.496	ng/ul	94
5) 2-Methylnaphthalene	11.81	142	592734	56.491	ng/ul	99
7) Acenaphthylene	13.76	152	33279	0.531	ng/ul#	1
8) Acenaphthene	14.10	153	55894	1.087	ng/ul	93
9) Fluorene	15.10	166	109026	1.848	ng/ul#	85
11) Pentachlorophenol	16.48	266	191	0.113	ng/ul#	41
12) Phenanthrene	16.85	178	1152064	58.978	ng/ul	97
13) Anthracene	16.94	178	100338	6.036	ng/ul#	88
15) Fluoranthene	18.89	202	234531	10.104	ng/ul	92
17) Pyrene	19.26	202	1254295	25.504	ng/ul	99
18) Benzo(a)anthracene	21.03	228	160497	3.726	ng/ul#	38
19) Chrysene	21.08	228	193937	4.075	ng/ul#	75
21) Benzo(b)fluoranthene	22.55	252	115561m	4.666	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	29560m	1.080	ng/ul	
23) Benzo(a)pyrene	23.08	252	92189	4.012	ng/ul#	49
24) Indeno(1,2,3-cd)pyrene	25.24	276	33247	1.101	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.24	278	15699	0.658	ng/ul#	1
26) Benzo(g,h,i)perylene	25.88	276	57503	2.106	ng/ul#	79

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

Quantitation Report (QT Reviewed)

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Acq On : 14 Dec 2020 11:17
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Sample : L5063-07RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 11:48:48 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 14 11:29:45 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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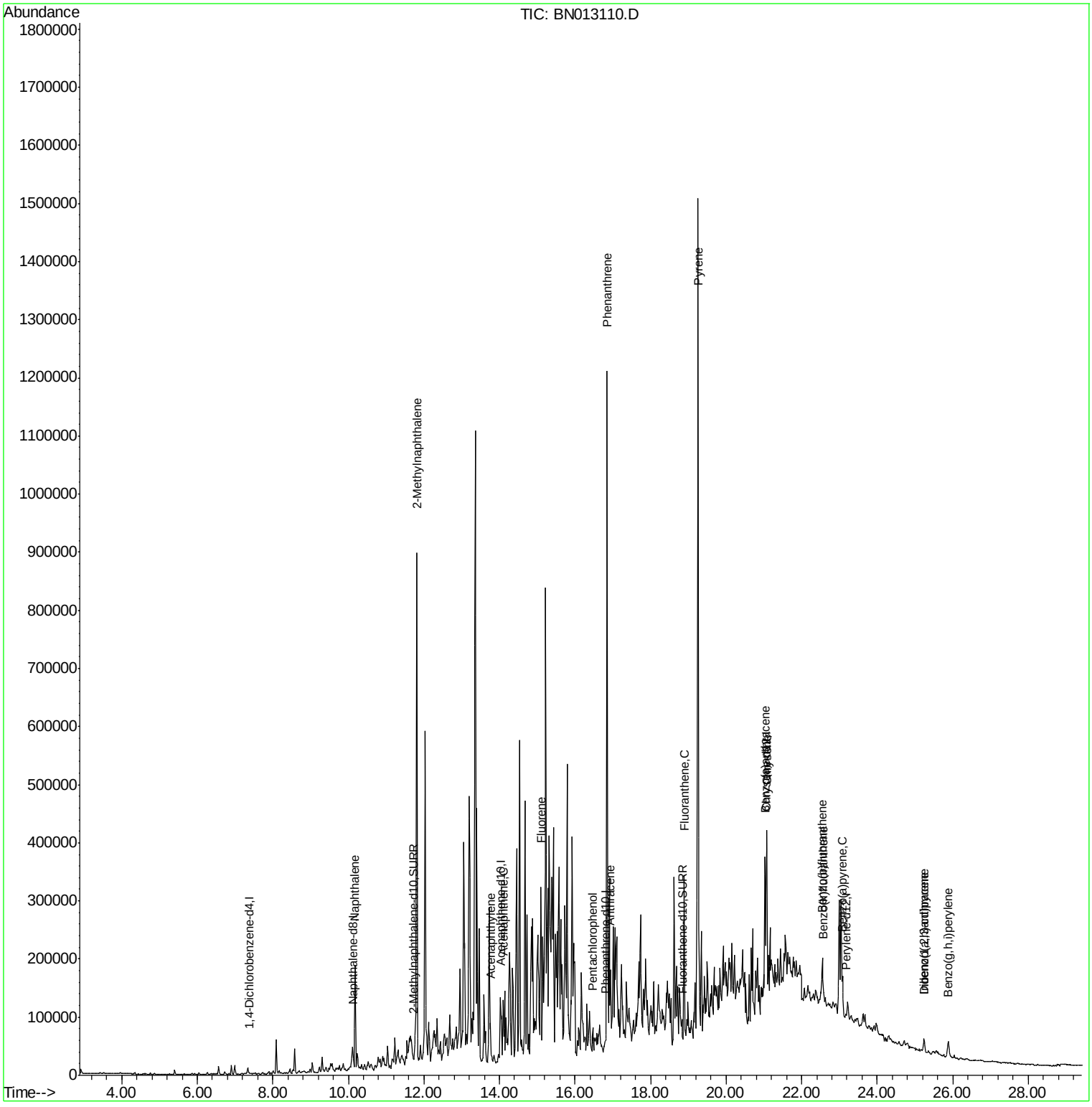
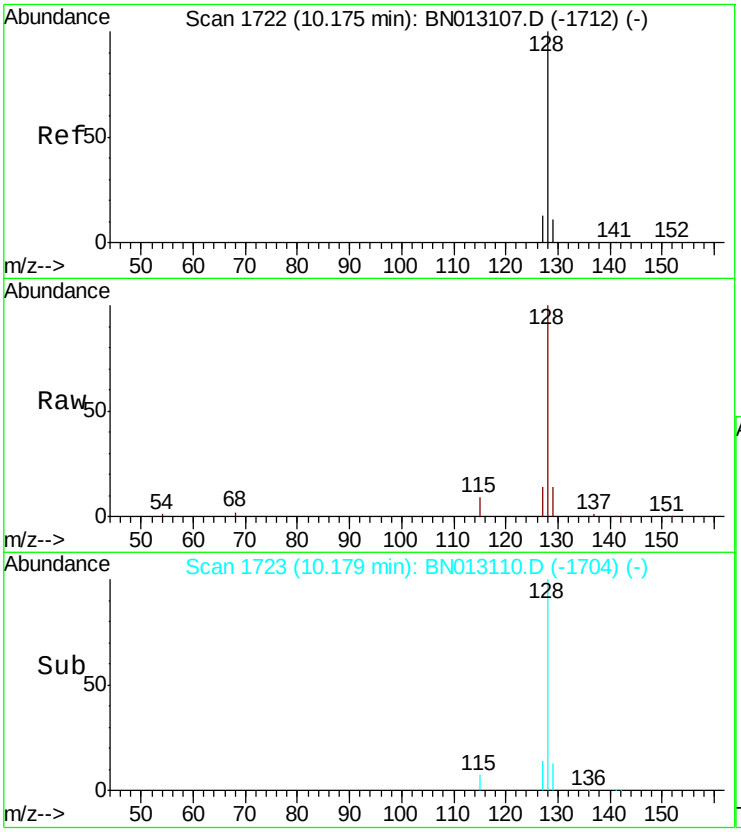
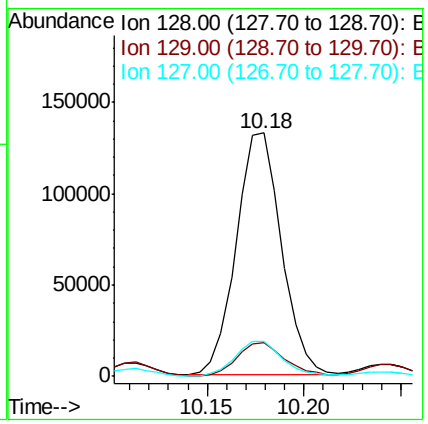




#3
Naphthalene
Concen: 13.496 ng/ul
RT: 10.18 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:128 Resp: 215568

Ion	Ratio	Lower	Upper
128	100		
129	13.7	12.3	18.5
127	14.3	14.2	21.4



Instrument :
BNA_N
ClientSampleId :
C0AD9RE

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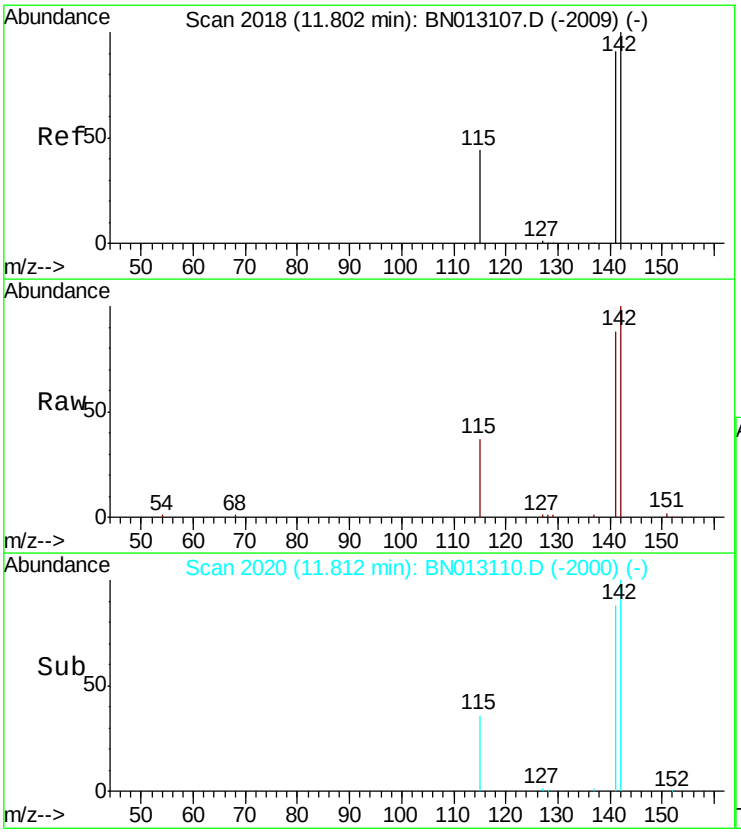
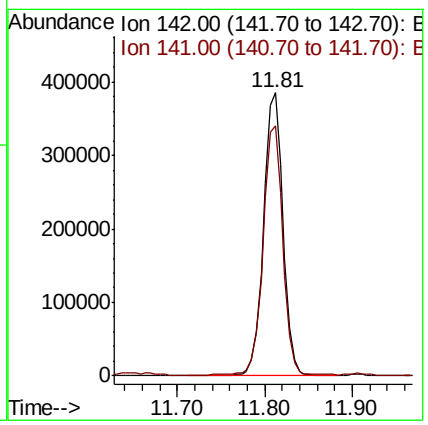
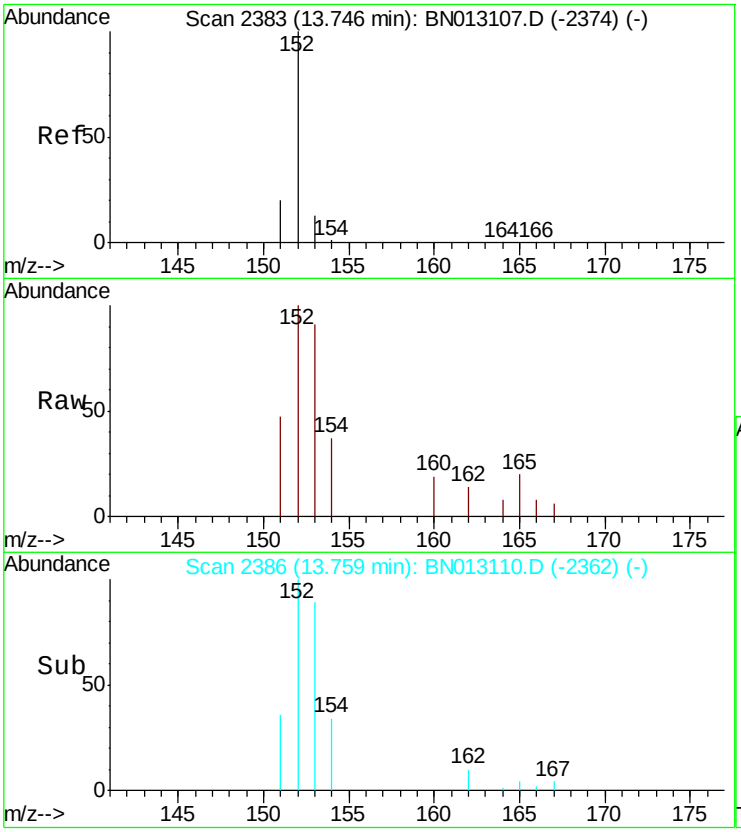


#5
2-Methylnaphthalene
Concen: 56.491 ng/ul
RT: 11.81 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:142 Resp: 592734

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.0	109.6

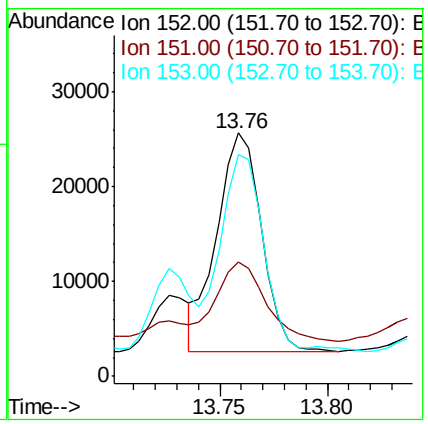




#7
Acenaphthylene
Concen: 0.531 ng/ul
RT: 13.76 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:152 Resp: 33279

Ion	Ratio	Lower	Upper
152	100		
151	46.9	18.2	27.4#
153	91.2	13.1	19.7#



Instrument :
BNA_N
ClientSampleId :
C0AD9RE

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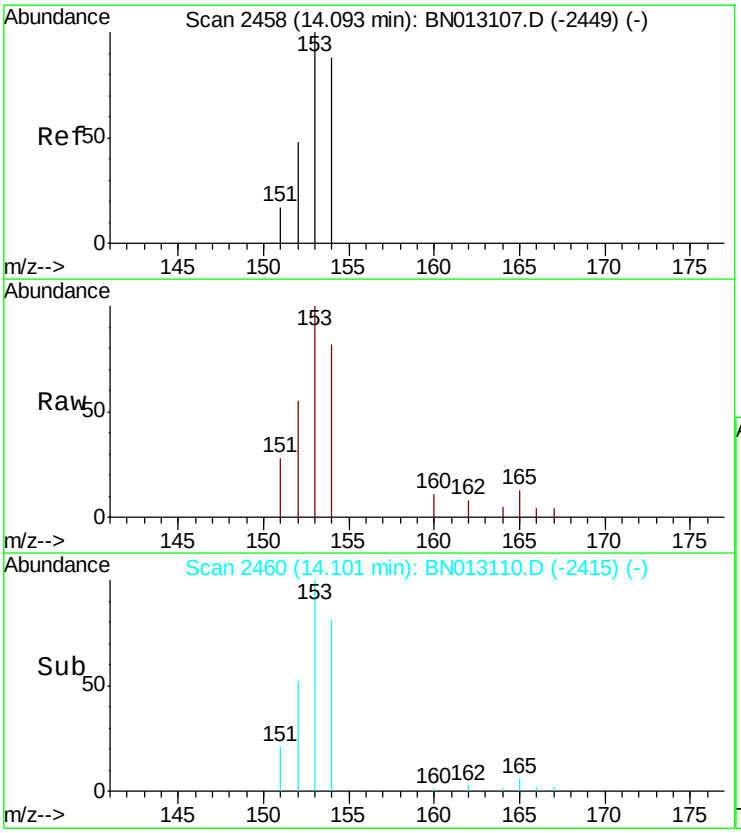
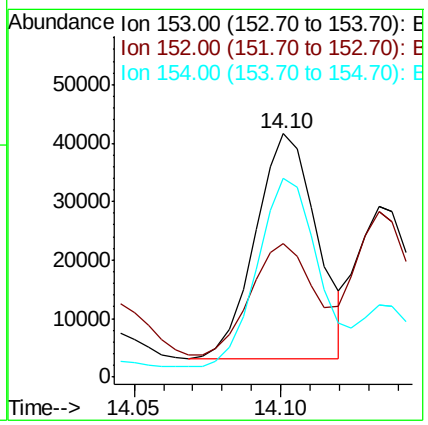
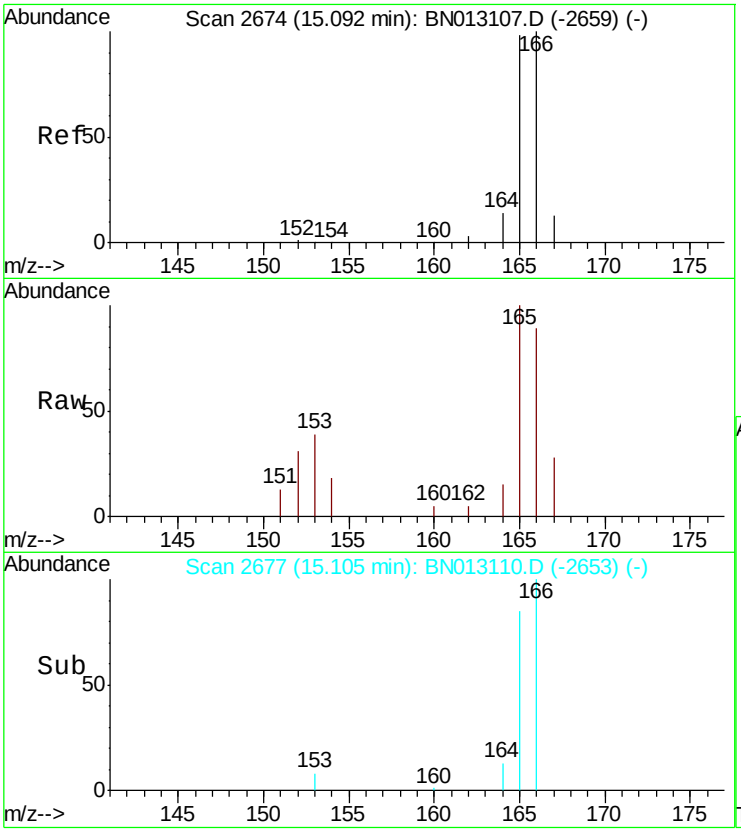


#8
Acenaphthene
Concen: 1.087 ng/ul
RT: 14.10 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:153 Resp: 55894

Ion	Ratio	Lower	Upper
153	100		
152	55.1	40.7	61.1
154	81.9	70.8	106.2

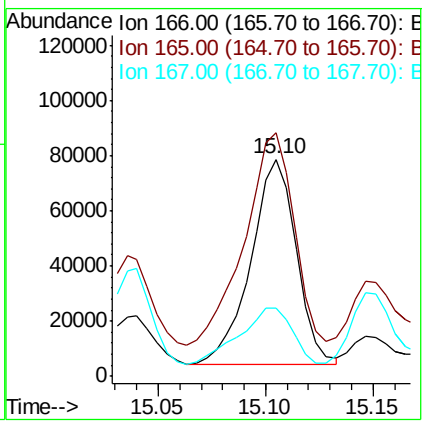




#9
Fluorene
Concen: 1.848 ng/ul
RT: 15.10 min Scan# 2677
Delta R.T. 0.01 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:166 Resp: 109026

Ion	Ratio	Lower	Upper
166	100		
165	112.1	79.8	119.8
167	31.7	13.8	20.8#



Instrument :
BNA_N
ClientSampleId :
C0AD9RE

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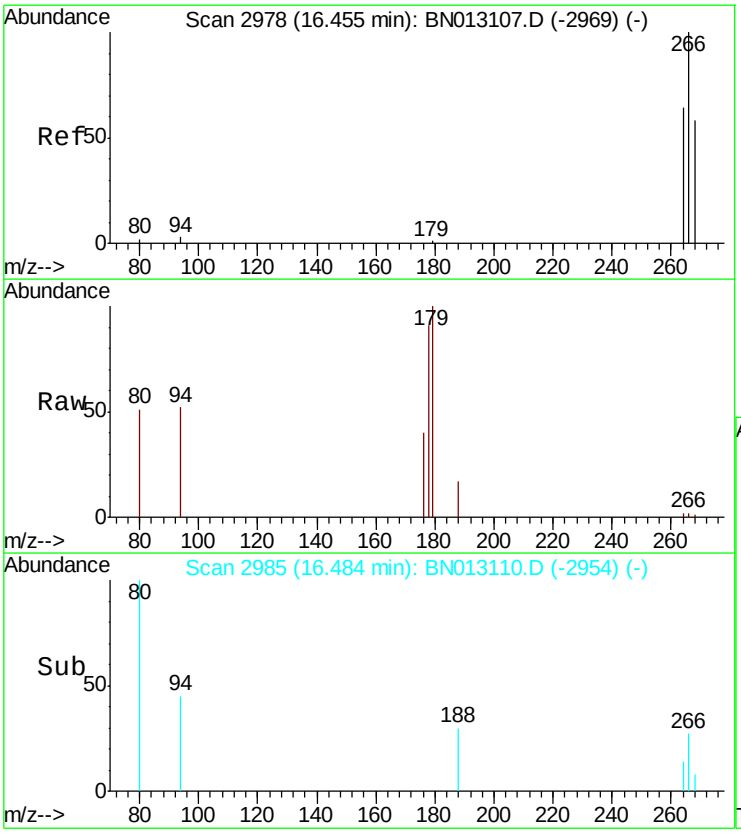
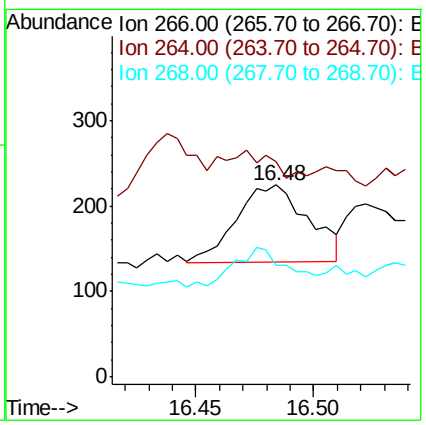
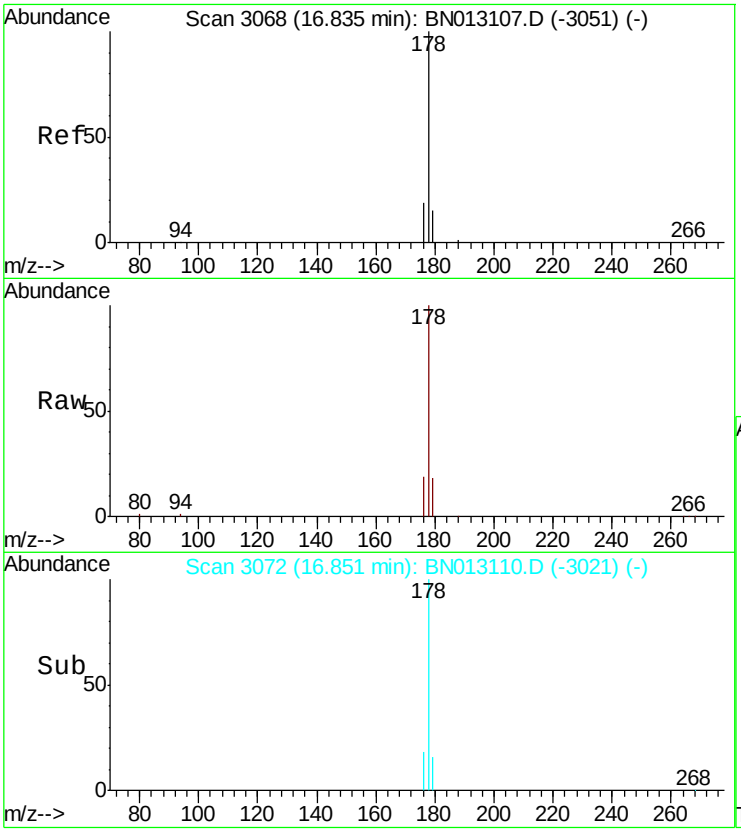


#11
Pentachlorophenol
Concen: 0.113 ng/ul
RT: 16.48 min Scan# 2985
Delta R.T. 0.03 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:266 Resp: 191

Ion	Ratio	Lower	Upper
266	100		
264	0.0	51.5	77.3#
268	38.2	56.0	84.0#

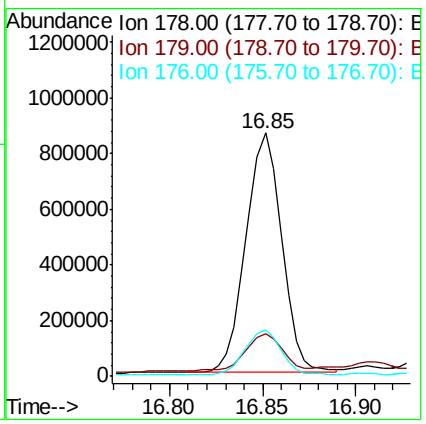




#12
Phenanthrene
Concen: 58.978 ng/ul
RT: 16.85 min Scan# 3072
Delta R.T. 0.02 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:178 Resp: 1152064

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.6	20.4
176	18.9	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0AD9RE

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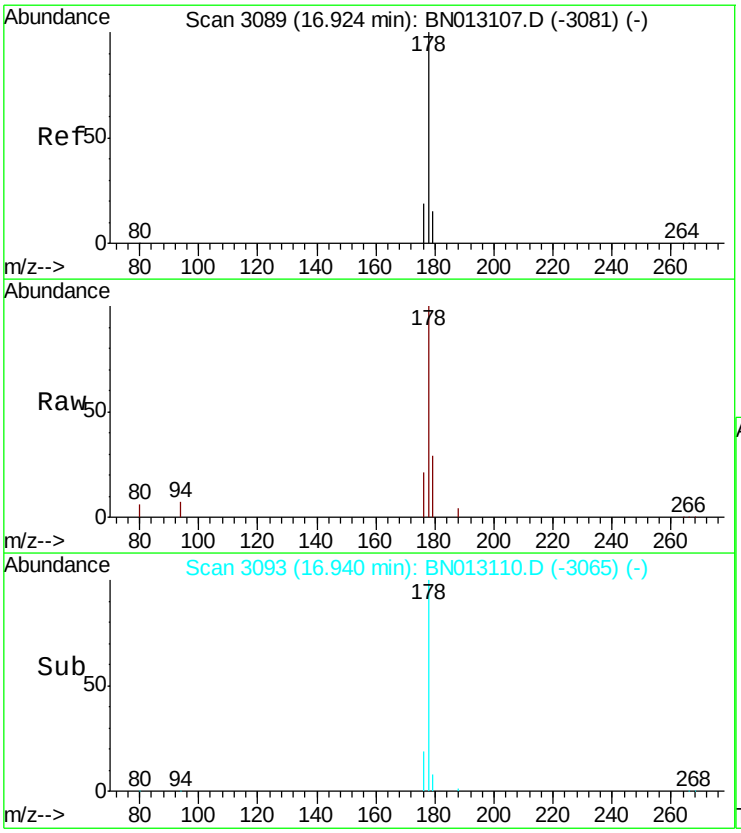
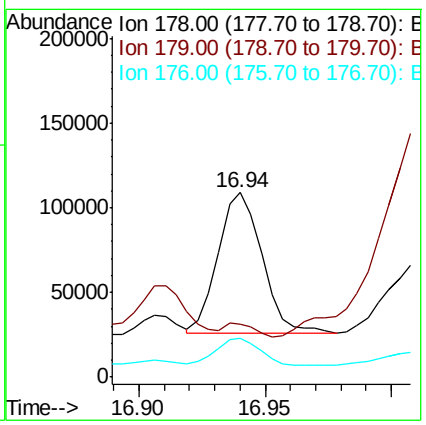
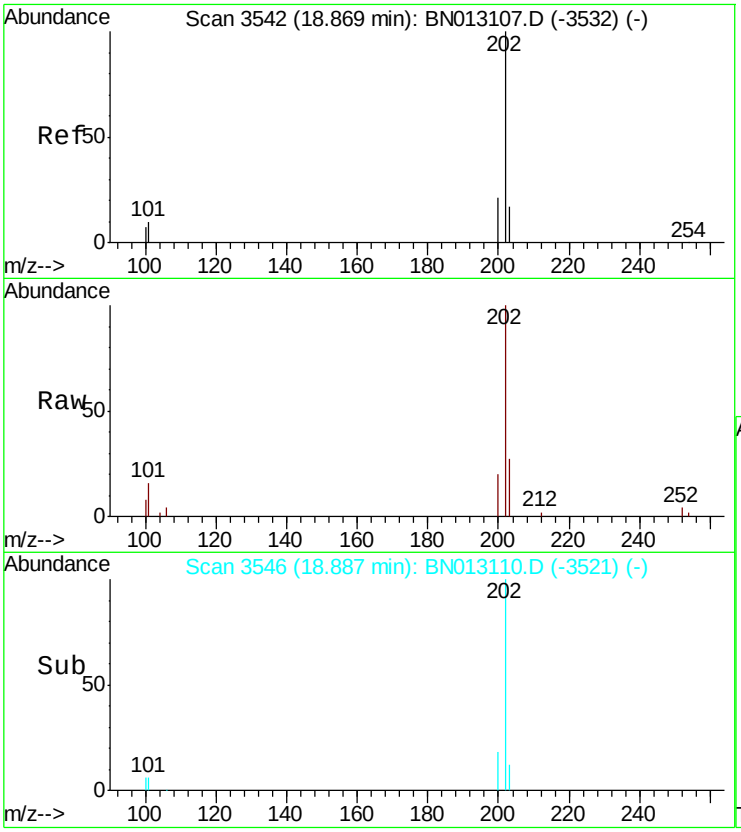


#13
Anthracene
Concen: 6.036 ng/ul
RT: 16.94 min Scan# 3093
Delta R.T. 0.02 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:178 Resp: 100338

Ion	Ratio	Lower	Upper
178	100		
179	28.9	14.6	21.8#
176	20.9	17.1	25.7

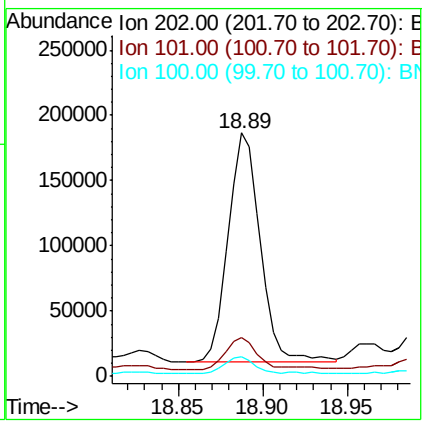




#15
Fluoranthene
Concen: 10.104 ng/ul
RT: 18.89 min Scan# 3546
Delta R.T. 0.02 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:202 Resp: 234531

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	30.6
100	8.2	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
C0AD9RE

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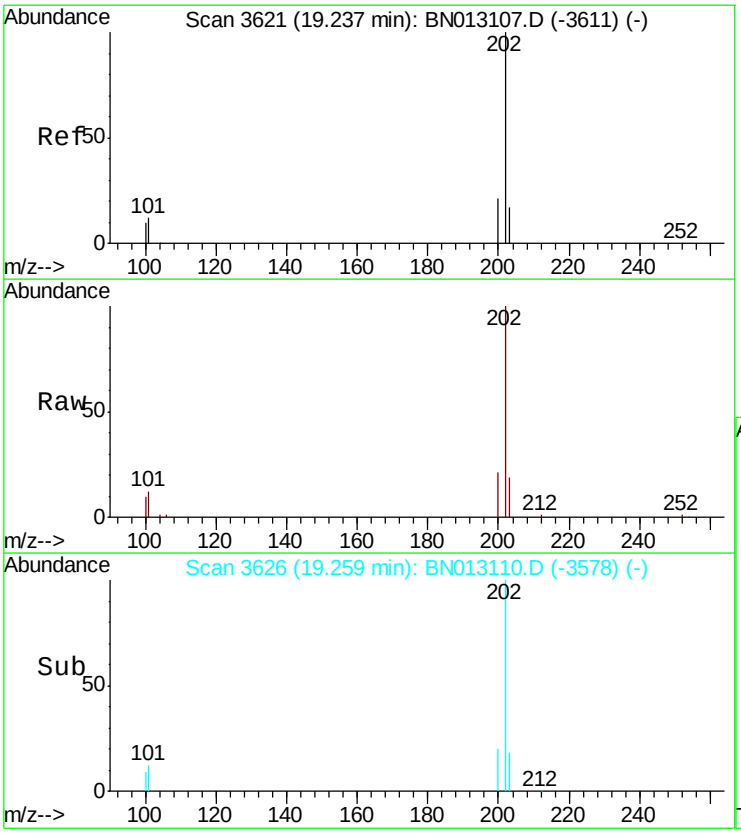
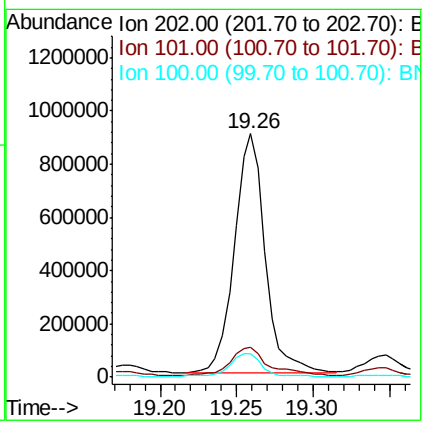
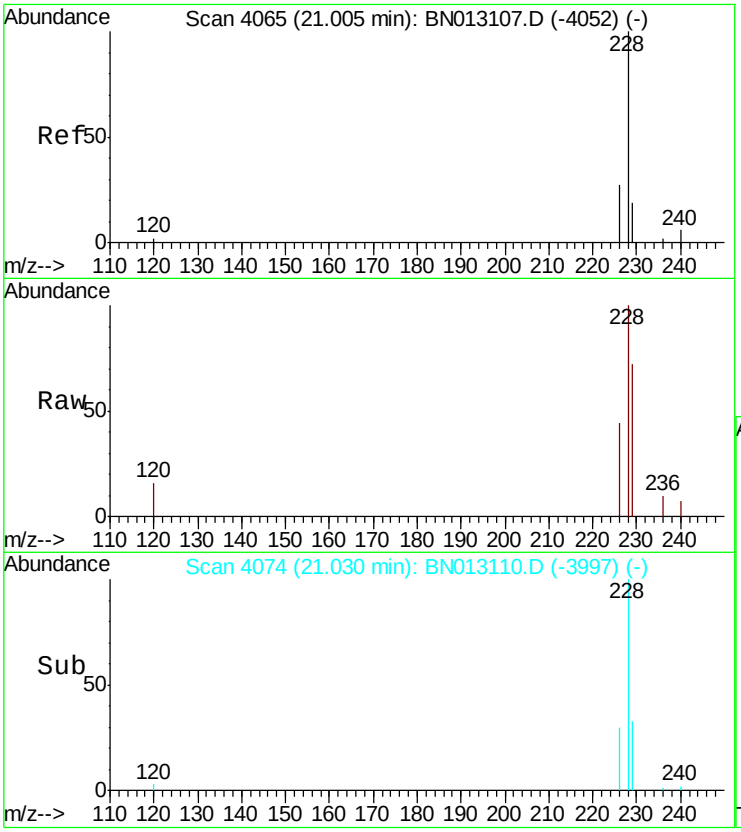


#17
Pyrene
Concen: 25.504 ng/ul
RT: 19.26 min Scan# 3626
Delta R.T. 0.02 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:202 Resp: 1254295

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.1	13.7
100	9.6	7.5	11.3





#18
Benzo(a)anthracene
Concen: 3.726 ng/ul
RT: 21.03 min Scan# 4074
Delta R.T. 0.03 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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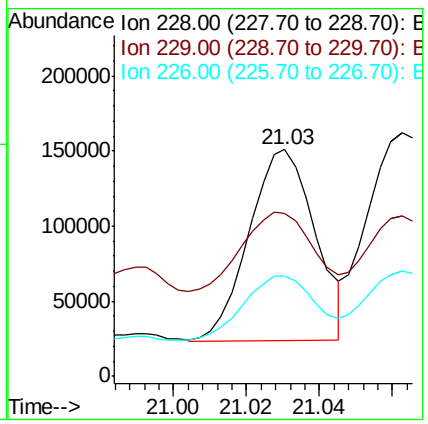
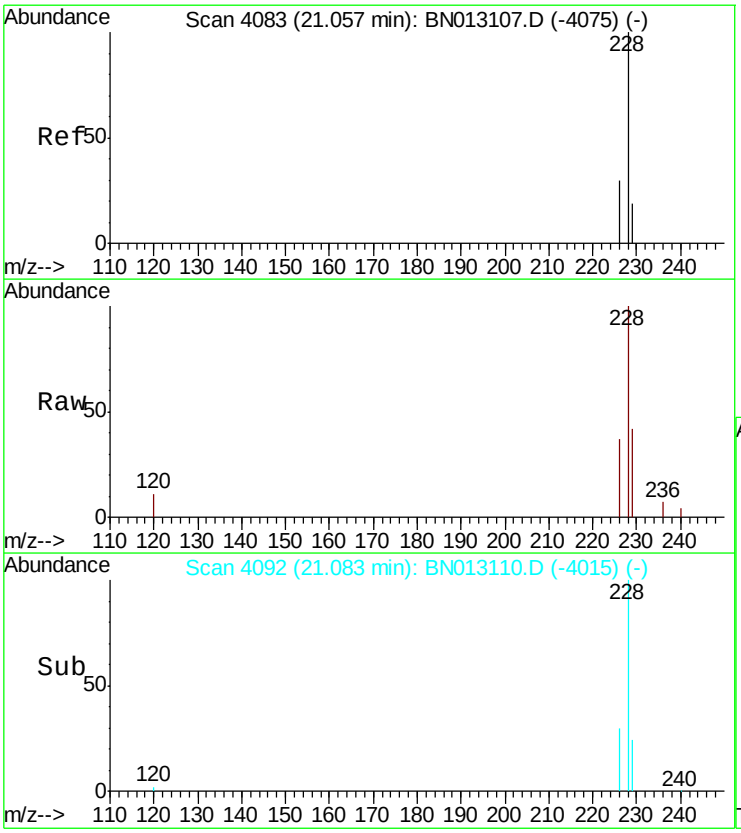
Tgt Ion:228 Resp: 160497

Ion	Ratio	Lower	Upper
228	100		
229	71.9	16.3	24.5#
226	44.1	23.4	35.2#

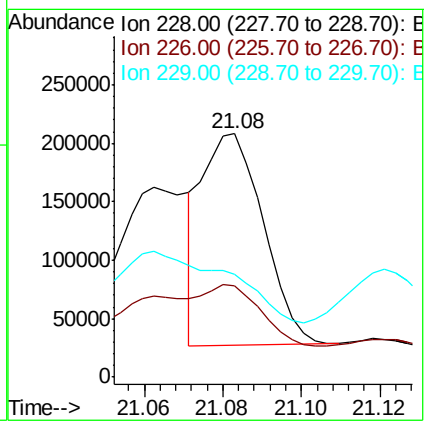


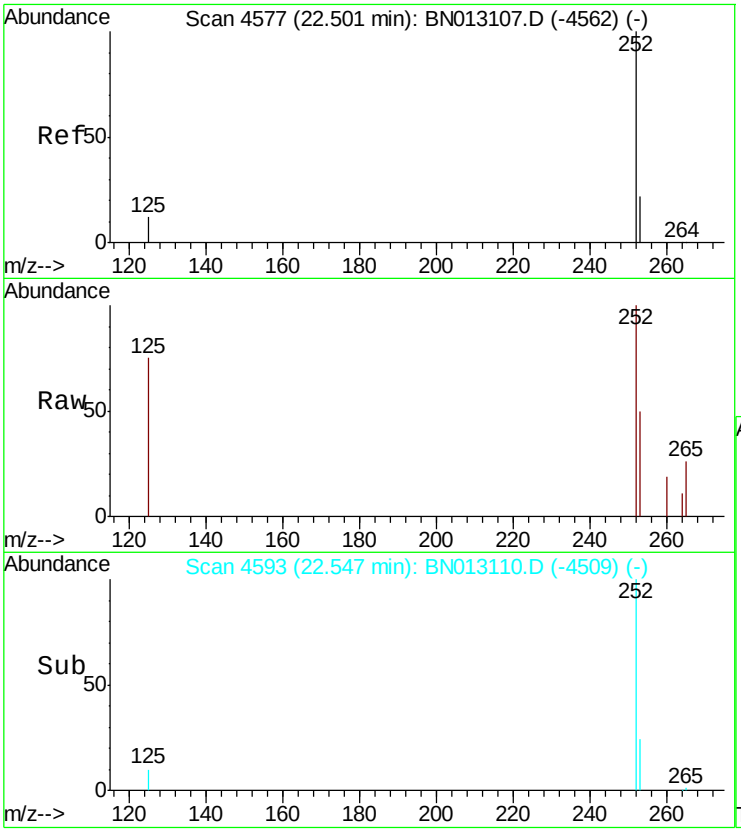


#19
Chrysene
Concen: 4.075 ng/ul
RT: 21.08 min Scan# 4092
Delta R.T. 0.03 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:228 Resp: 193937

Ion	Ratio	Lower	Upper
228	100		
226	37.3	25.0	37.6
229	42.1	16.4	24.6#

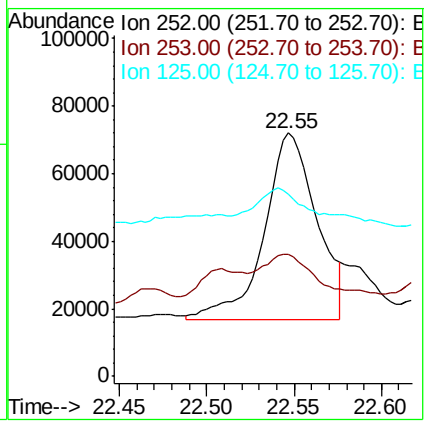




#21
Benzo(b)fluoranthene
Concen: 4.666 ng/ul m
RT: 22.55 min Scan# 4593
Delta R.T. 0.05 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:252 Resp: 115561

Ion	Ratio	Lower	Upper
252	100		
253	50.3	0.0	59.6
125	75.1	0.0	26.0#



Instrument :
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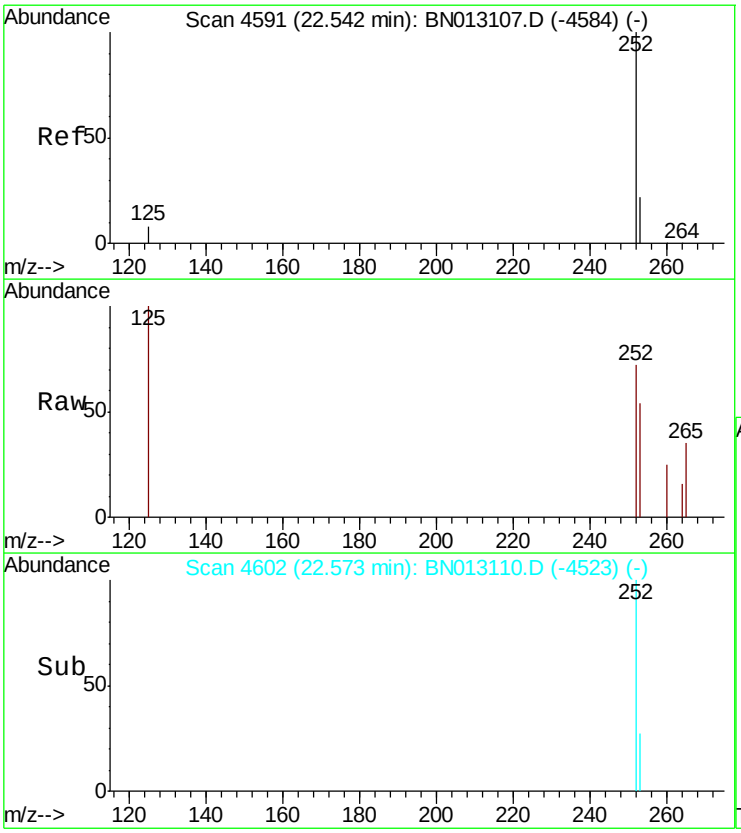
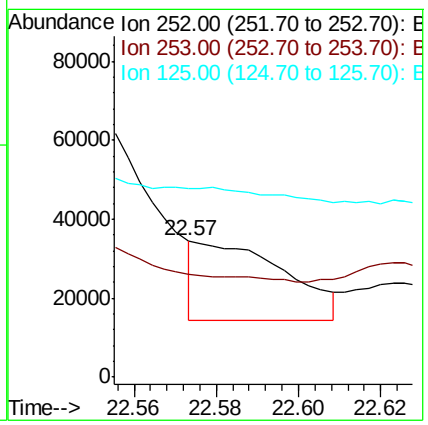
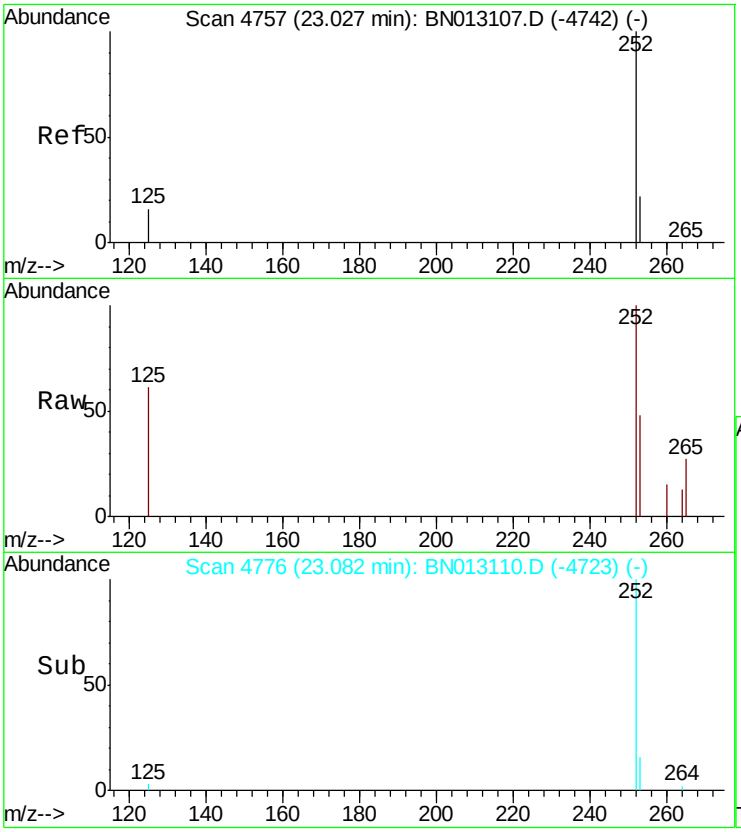


#22
Benzo(k)fluoranthene
Concen: 1.080 ng/ul m
RT: 22.57 min Scan# 4602
Delta R.T. 0.03 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:252 Resp: 29560

Ion	Ratio	Lower	Upper
252	100		
253	75.0	23.4	35.2#
125	138.2	11.1	16.7#





#23
Benzo(a)pyrene
Concen: 4.012 ng/ul
RT: 23.08 min Scan# 4776
Delta R.T. 0.05 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:252 Resp: 92189

Ion	Ratio	Lower	Upper
252	100		
253	47.8	26.5	39.7#
125	60.6	14.2	21.2#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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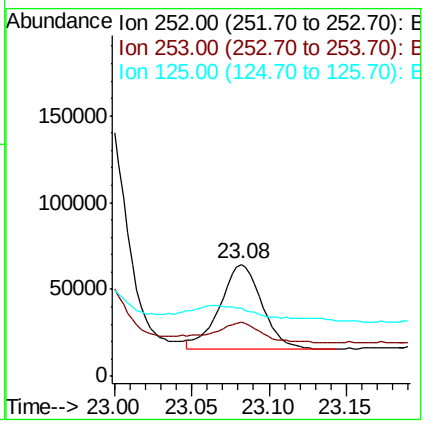
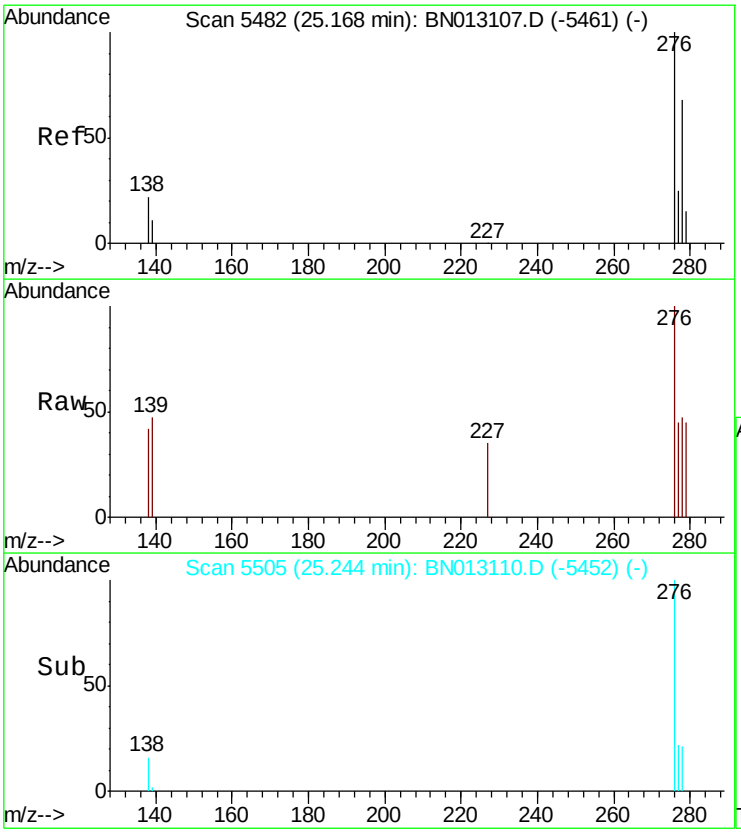
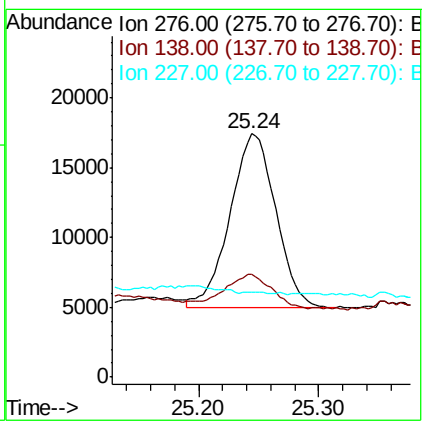


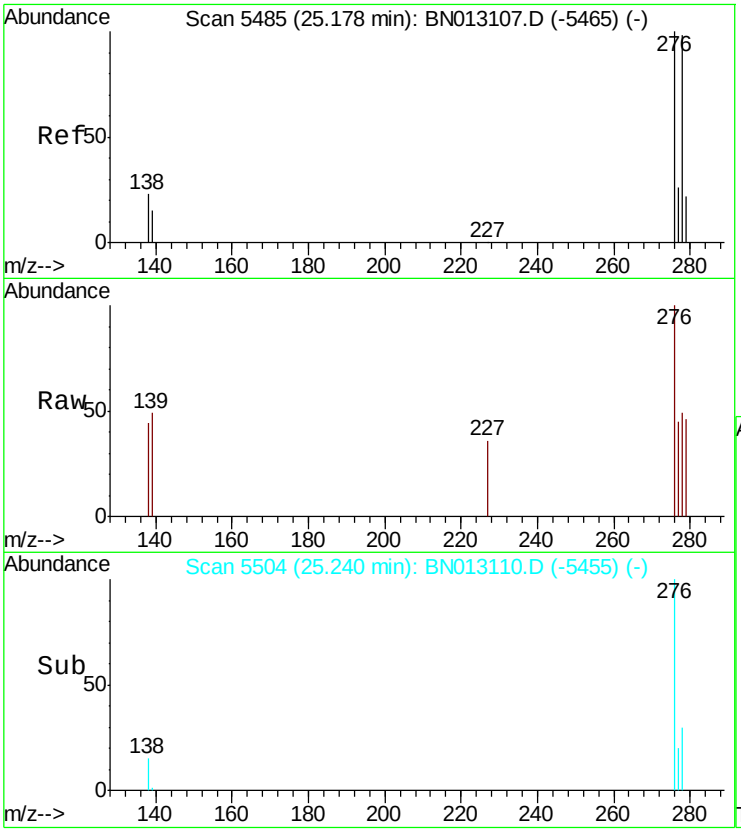


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.101 ng/ul
RT: 25.24 min Scan# 5505
Delta R.T. 0.08 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:276 Resp: 33247

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.2	24.2
227	0.0	0.0	0.0





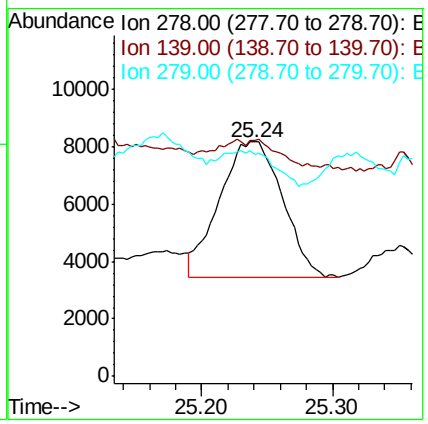
#25
Dibenzo(a,h)anthracene
Concen: 0.658 ng/ul
RT: 25.24 min Scan# 5504
Delta R.T. 0.06 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

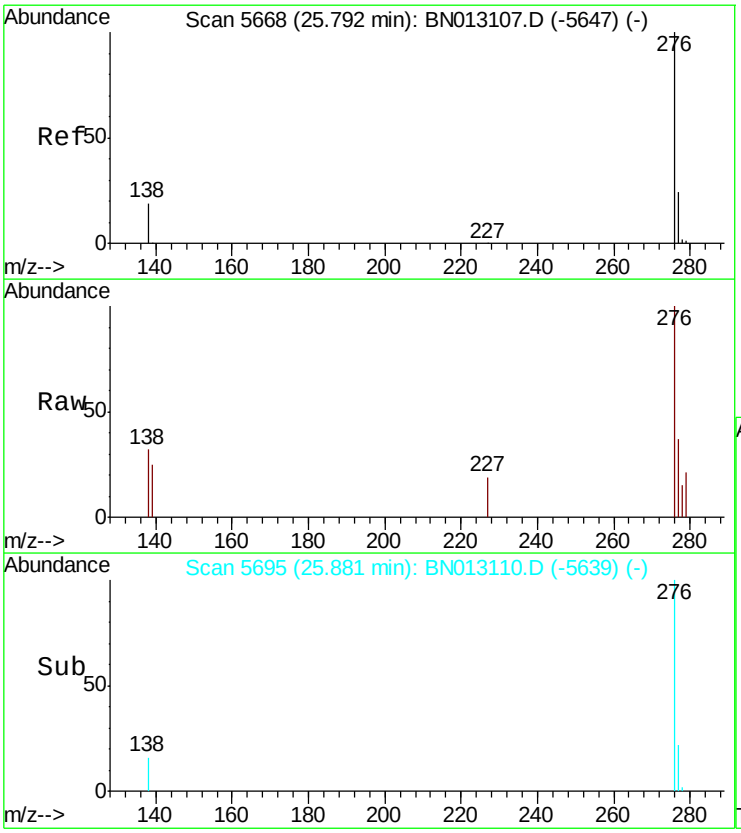
Tgt Ion:278 Resp: 15699

Ion	Ratio	Lower	Upper
278	100		
139	100.9	14.5	21.7#
279	94.4	26.3	39.5#

Instrument :
BNA_N
ClientSampleId :
C0AD9RE

Manual Integrations APPROVED
mohammad
12/15/2020 12:12:16 PM





#26
Benzo(g,h,i)perylene
Concen: 2.106 ng/ul
RT: 25.88 min Scan# 5695
Delta R.T. 0.09 min
Lab File: BN013110.D
Acq: 14 Dec 2020 11:17

Tgt Ion:276 Resp: 57503

Ion	Ratio	Lower	Upper
276	100		
138	31.9	16.3	24.5#
277	36.7	21.8	32.6#