Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012321\
Data File : BN013468.D
Acq On : 22 Jan 2021 22:58
Operator : CG/JU
Sample : SSTD1.607
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD1.6007

Quant Time: Jan 23 01:16:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 23 01:14:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4123	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	15316	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	8073	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	18291	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	19140	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	16274	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	6655	1.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	34650	1.48	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	69799	1.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	6757	1.295	ng/ul#	85
5) Naphthalene	10.38	128	66654	1.541	ng/ul	99
7) 2-Methylnaphthalene	12.00	142	43752	1.534	ng/ul	99
8) 1-Methylnaphthalene	12.23	142	41634	1.529	ng/ul	100
10) Acenaphthylene	13.92	152	53853	1.651	ng/ul	100
11) Acenaphthene	14.27	153	45356	1.583	ng/ul	99
12) Fluorene	15.26	166	52082	1.599	ng/ul	99
14) Pentachlorophenol	16.61	266	4540	0.978	ng/ul	99
15) Phenanthrene	17.00	178	87034	1.551	ng/ul	100
16) Anthracene	17.09	178	76285	1.549	ng/ul	99
19) Fluoranthene	19.02	202	101468	1.349	ng/ul	100
20) Pyrene	19.38	202	99932	1.331	ng/ul	99
21) Benzo(a)anthracene	21.14	228	96996	1.537	ng/ul	99
22) Chrysene	21.19	228	100140	1.473	ng/ul	99
24) Benzo(b)fluoranthene	22.68	252	93898	1.434	ng/ul	97
25) Benzo(k)fluoranthene	22.73	252	103277	1.642	ng/ul	96
26) Benzo(a)pyrene	23.23	252	82318	1.522	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.49	276	111870	1.705	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.51	278	91559	1.665	ng/ul	97
29) Benzo(g,h,i)perylene	26.15	276	93301	1.631	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012321\
Data File : BN013468.D
Acq On : 22 Jan 2021 22:58
Operator : CG/JU
Sample : SSTD1.607
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
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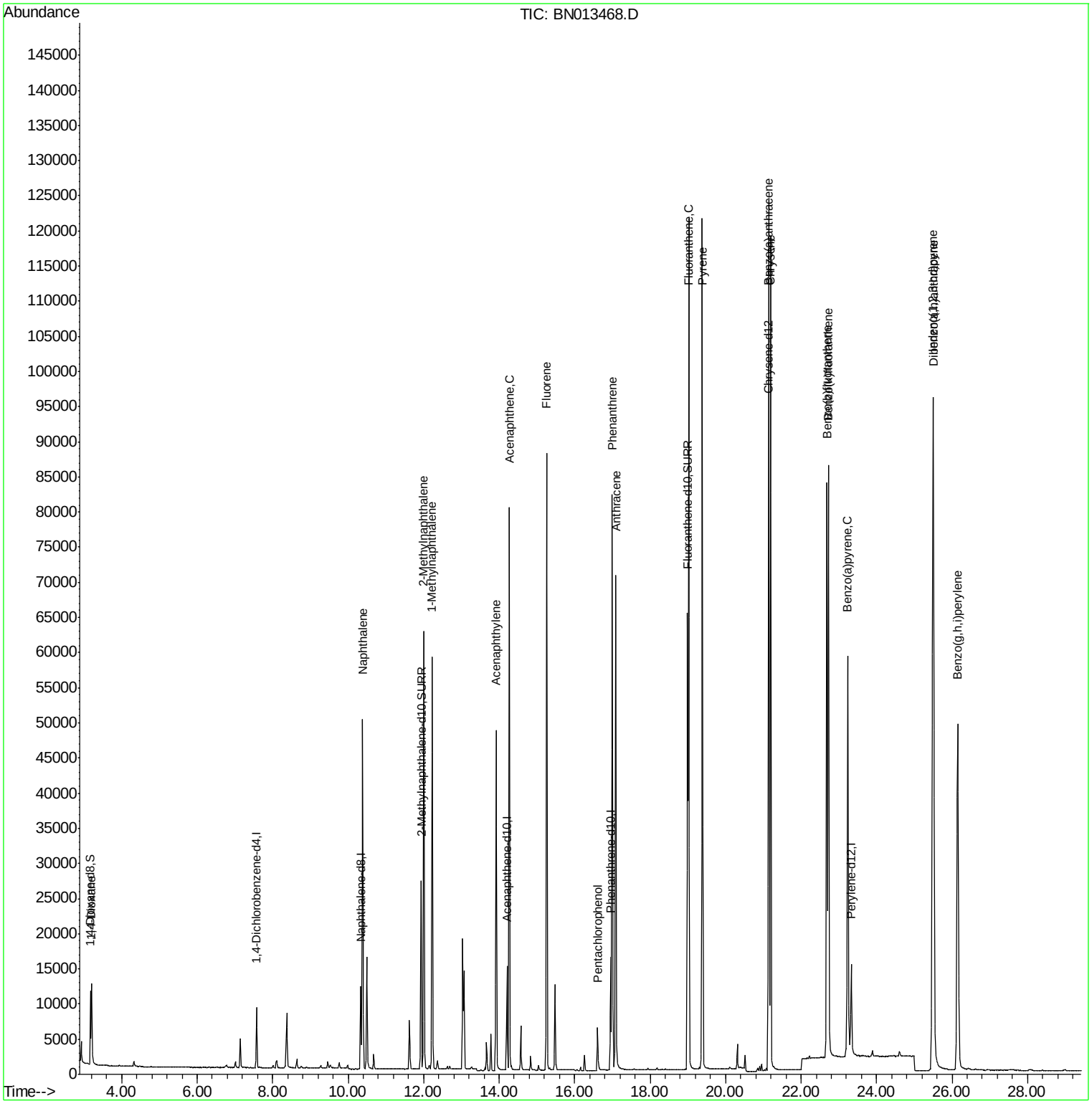
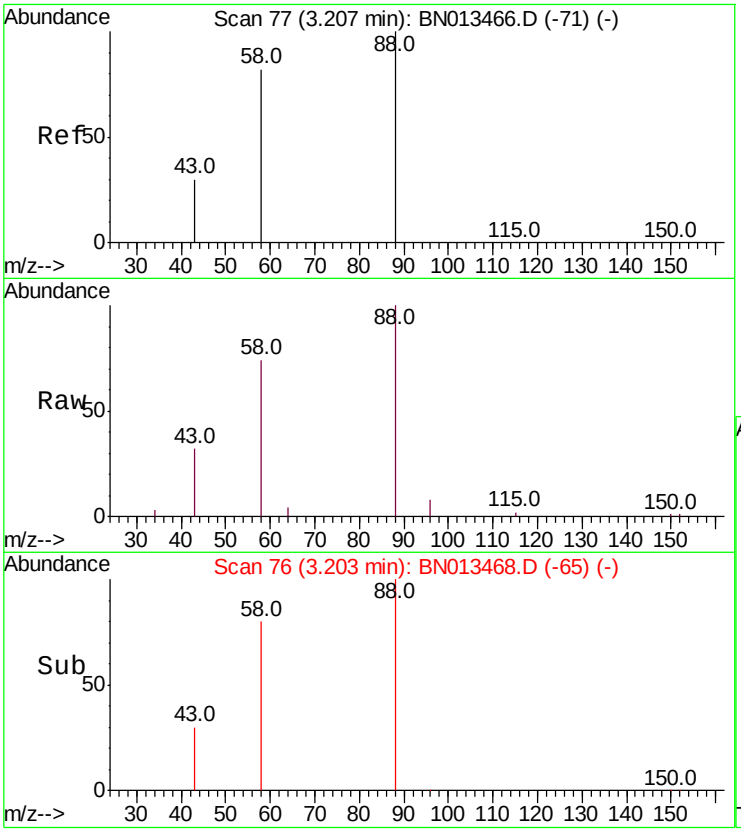
Quant Time: Jan 23 01:16:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN012321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 23 01:14:24 2021
Response via : Initial Calibration



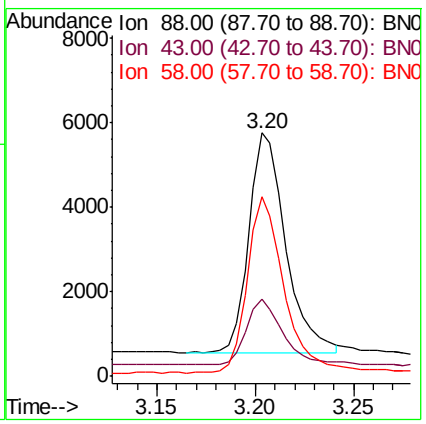


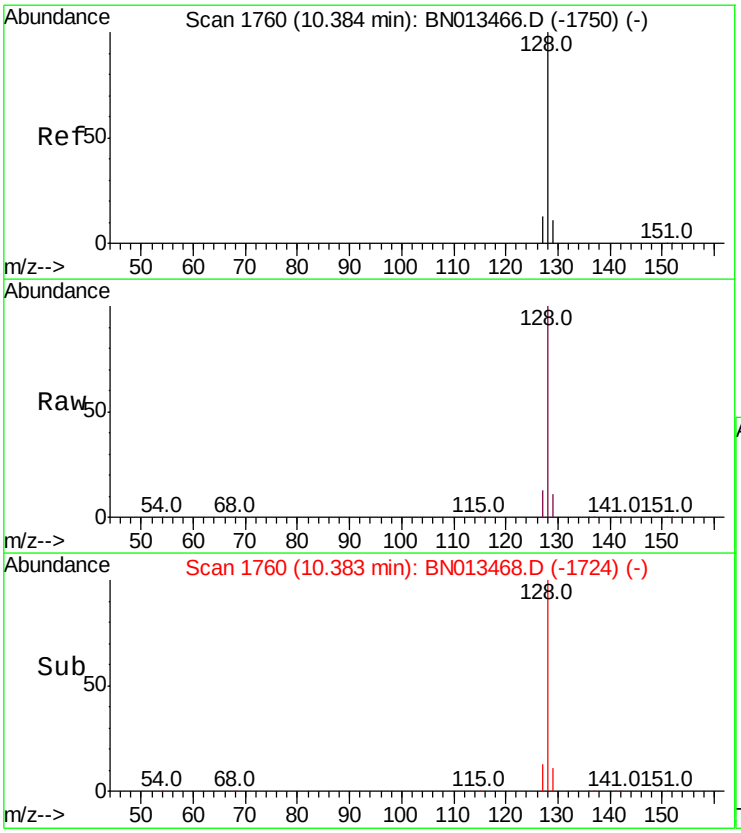
#2
1,4-Dioxane
Concen: 1.295 ng/ul
RT: 3.20 min Scan# 76
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion: 88 Resp: 6757

Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.9	40.3
58	73.6	45.8	68.6#

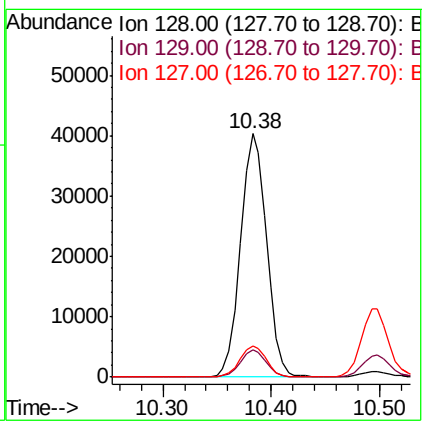


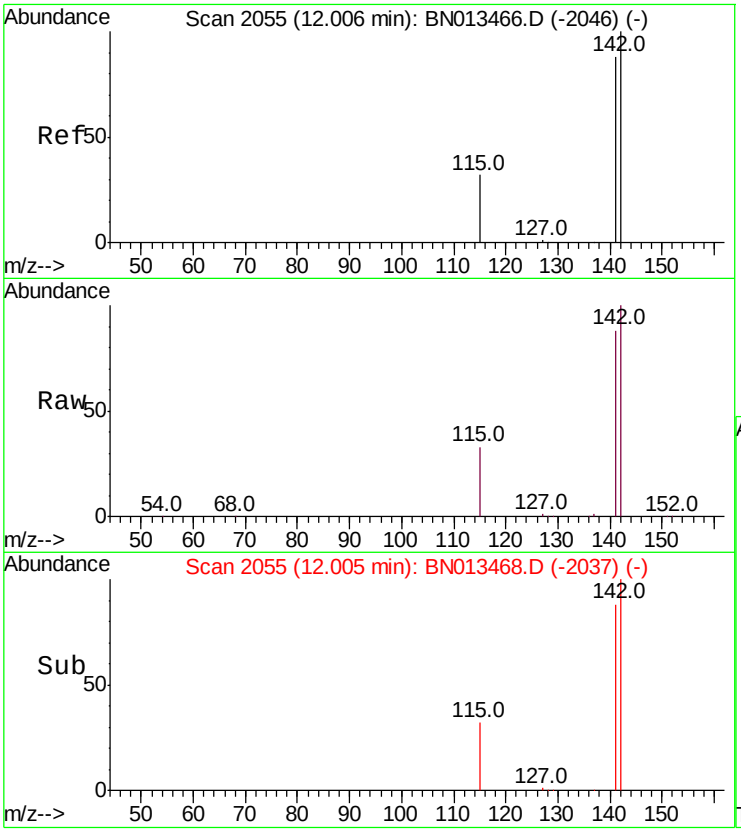


#5
Naphthalene
Concen: 1.541 ng/ul
RT: 10.38 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:128 Resp: 66654

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	12.9	10.7	16.1



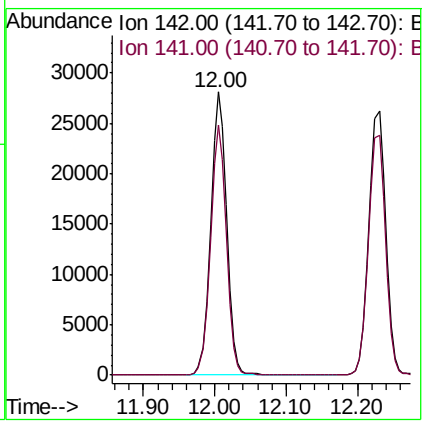


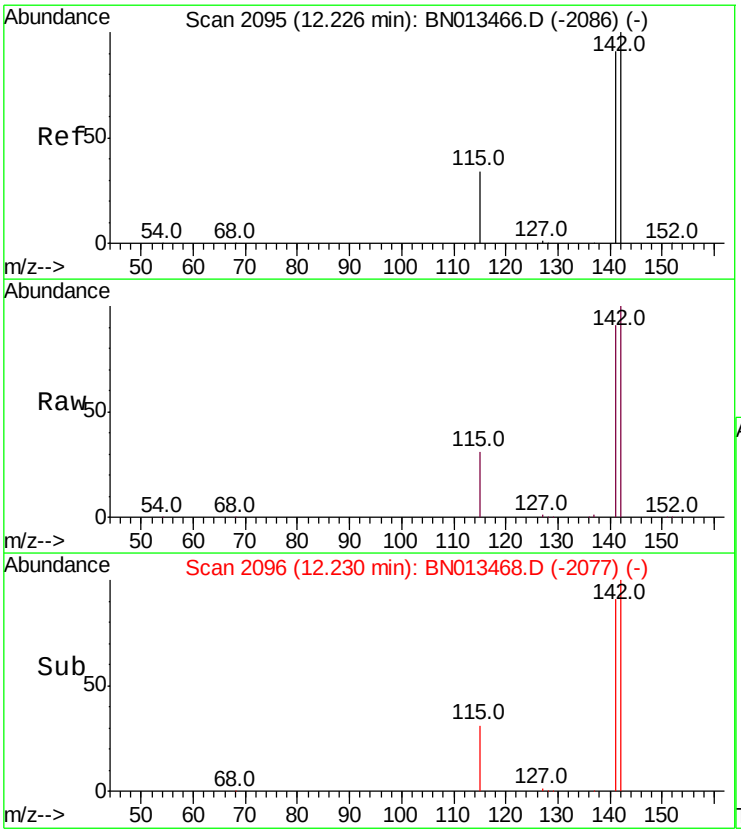
#7
2-Methylnaphthalene
Concen: 1.534 ng/ul
RT: 12.00 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:142 Resp: 43752

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.9	106.3

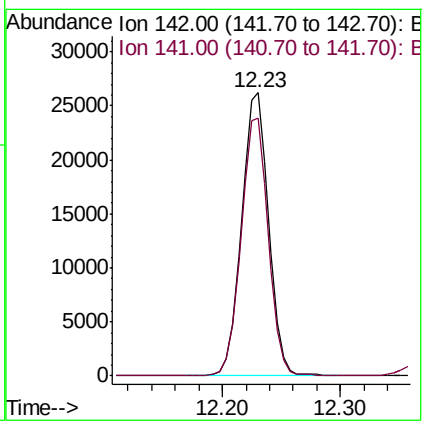


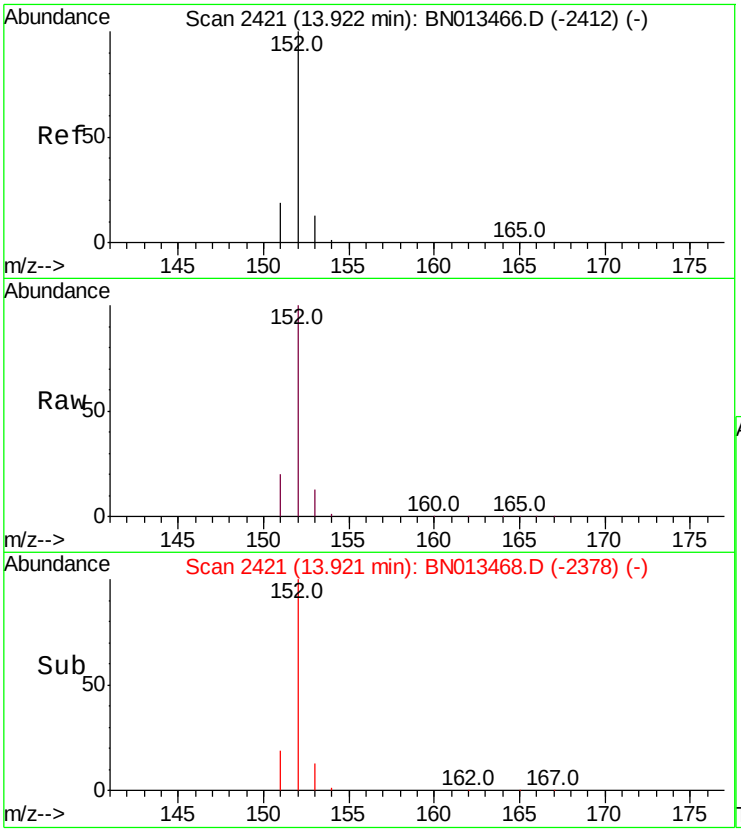


#8
1-Methylnaphthalene
Concen: 1.529 ng/ul
RT: 12.23 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:142 Resp: 41634

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.3	109.9



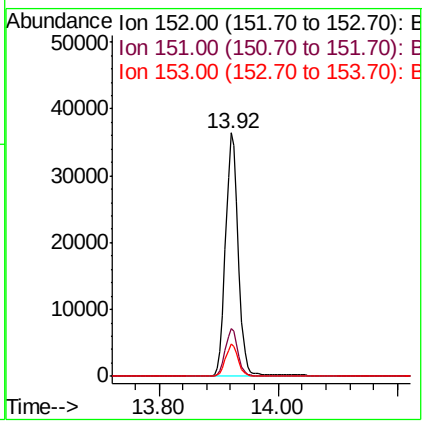


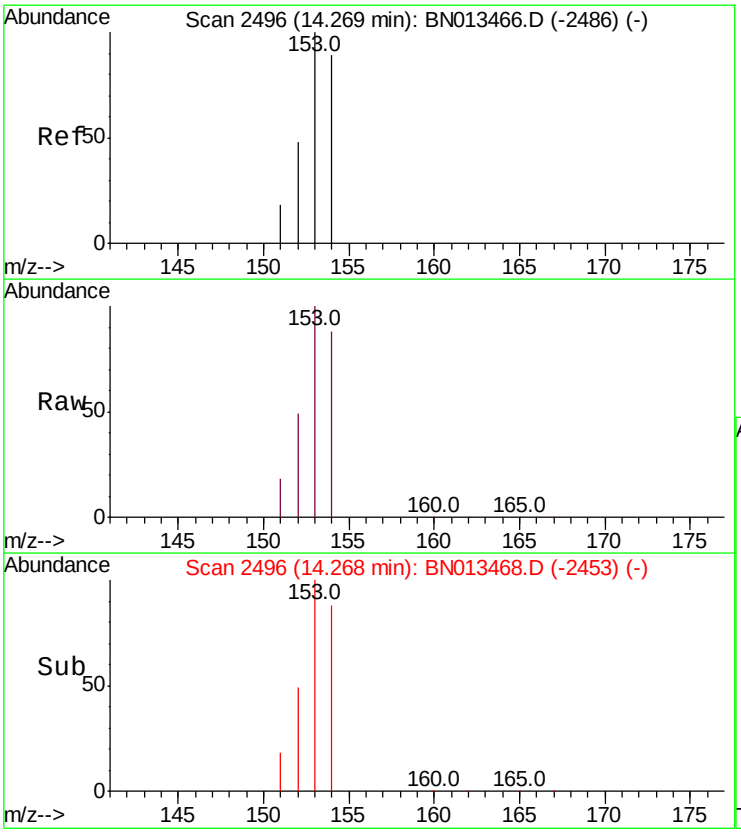
#10
Acenaphthylene
Concen: 1.651 ng/ul
RT: 13.92 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:152 Resp: 53853

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.2	10.7	16.1

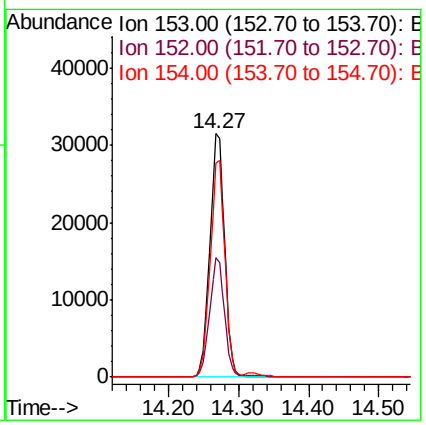


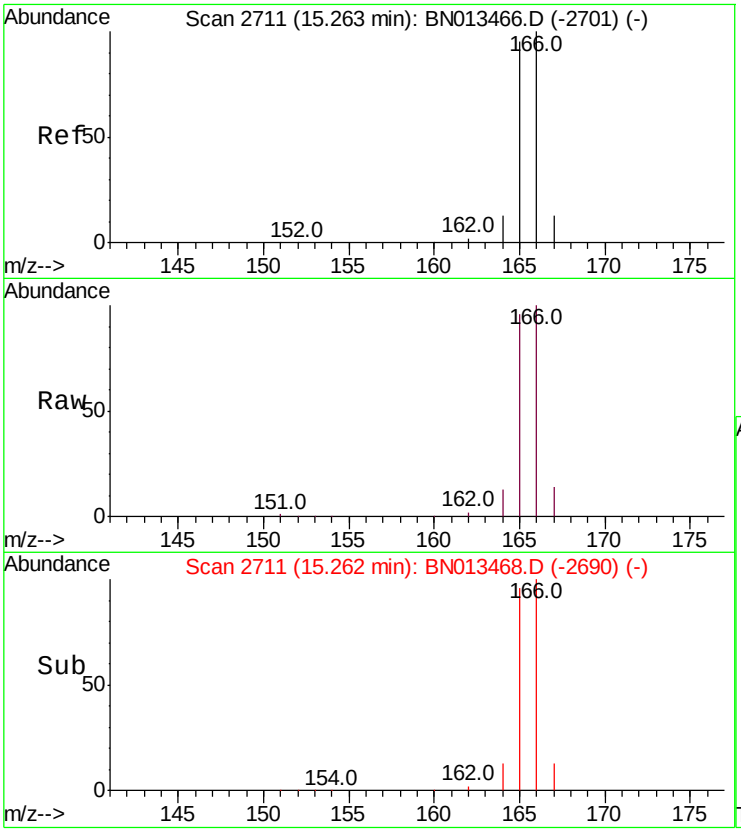


#11
Acenaphthene
Concen: 1.583 ng/ul
RT: 14.27 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:153 Resp: 45356

Ion	Ratio	Lower	Upper
153	100		
152	49.1	38.9	58.3
154	87.8	71.0	106.6



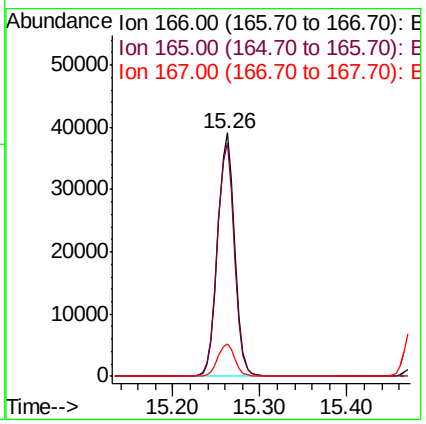


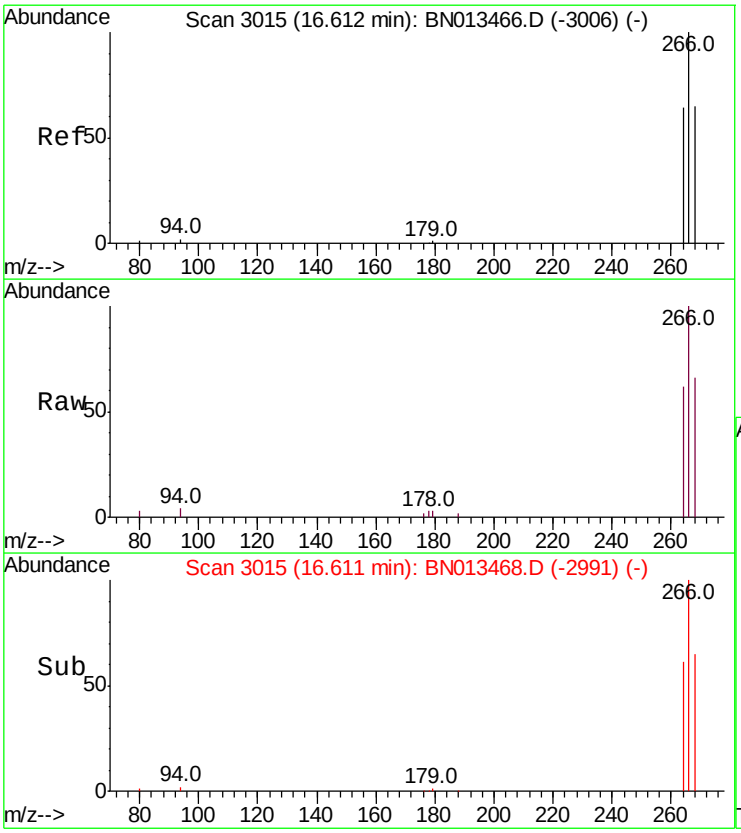
#12
Fluorene
Concen: 1.599 ng/ul
RT: 15.26 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:166 Resp: 52082

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.1	114.1
167	13.5	11.0	16.6

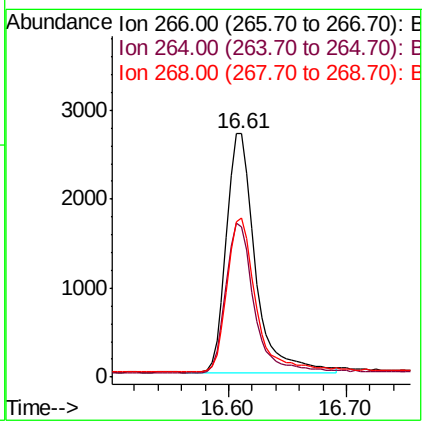


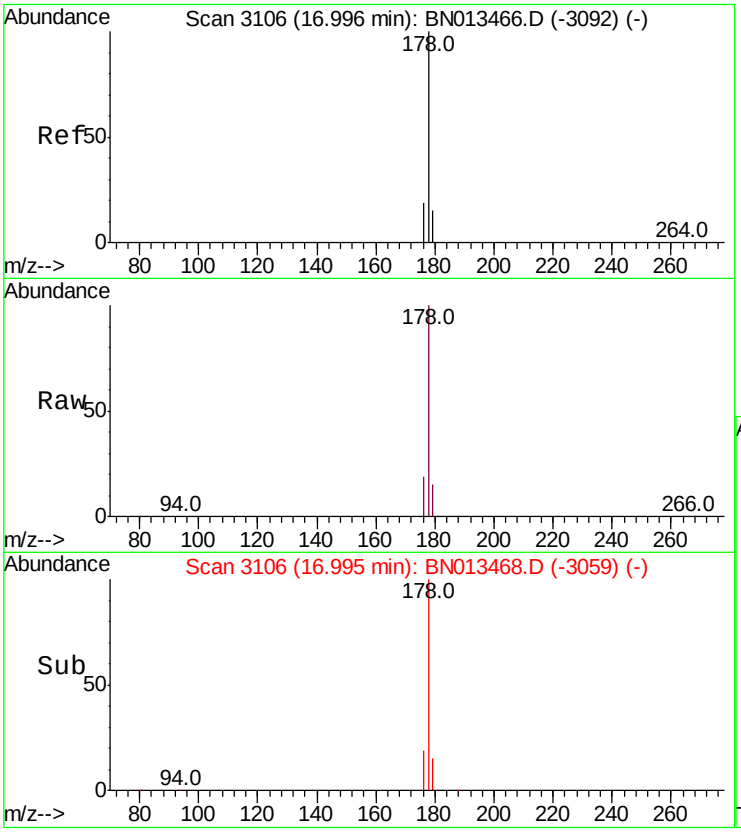


#14
Pentachlorophenol
Concen: 0.978 ng/ul
RT: 16.61 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:266 Resp: 4540

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.0	75.0
268	64.4	52.6	79.0



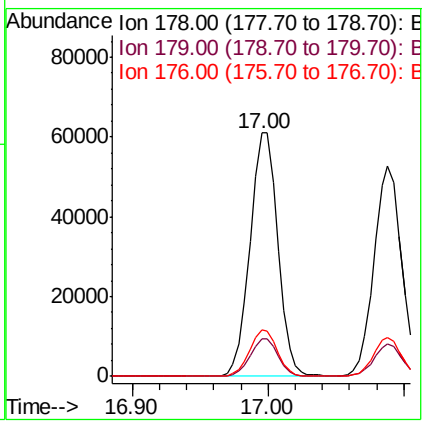


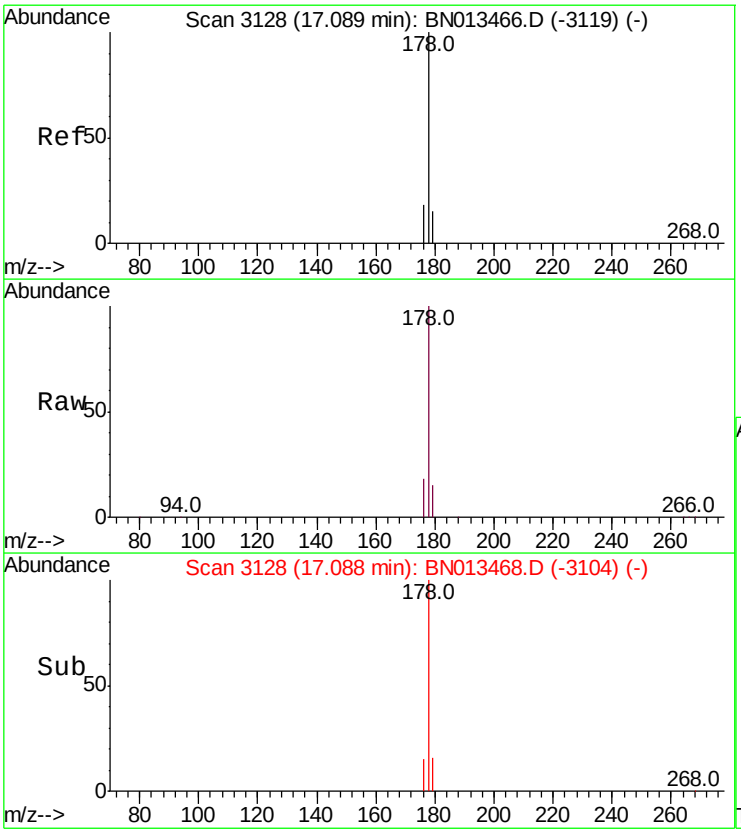
#15
Phenanthrene
Concen: 1.551 ng/ul
RT: 17.00 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:178 Resp: 87034

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.1	15.4	23.0

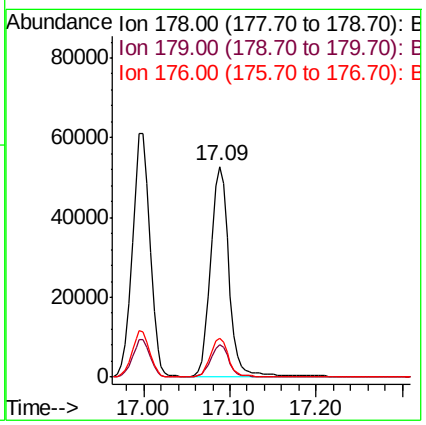


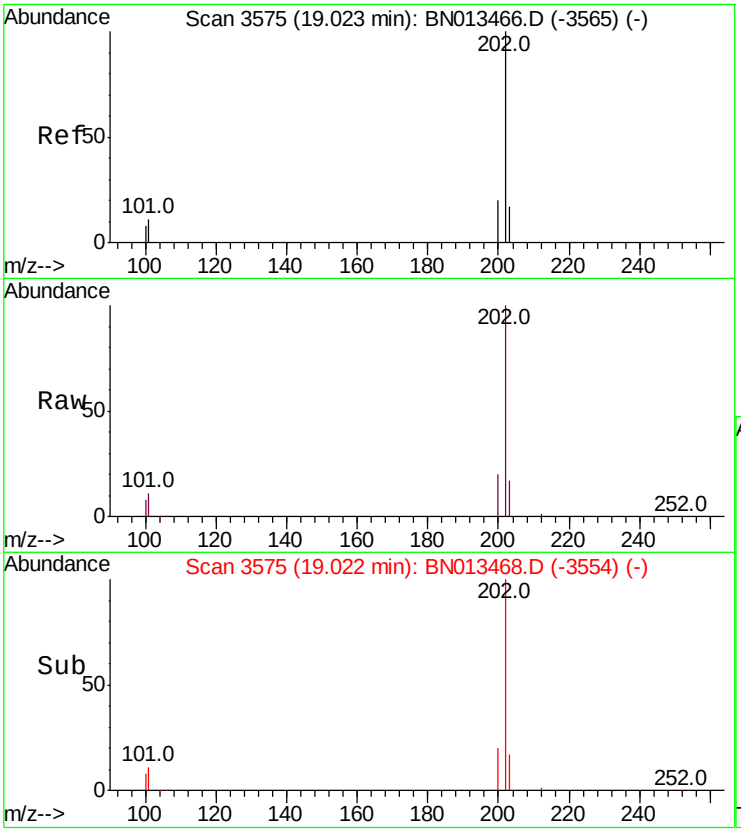


#16
Anthracene
Concen: 1.549 ng/ul
RT: 17.09 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:178 Resp: 76285

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.2	14.4	21.6



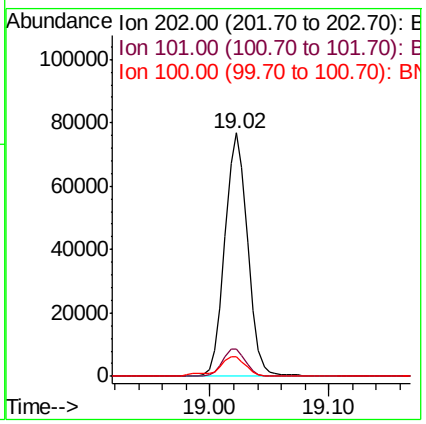


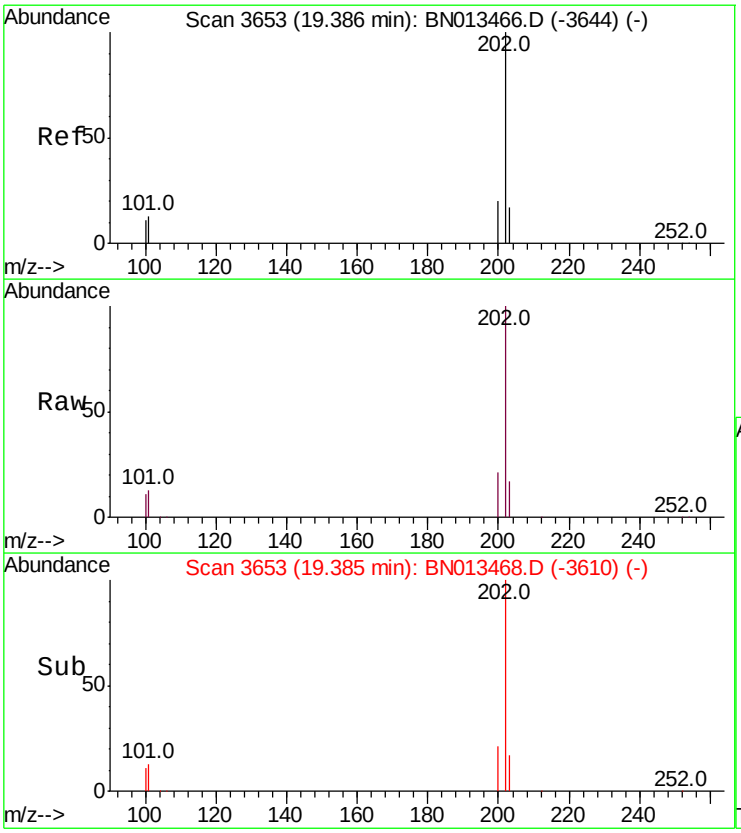
#19
Fluoranthene
Concen: 1.349 ng/ul
RT: 19.02 min Scan# 3575
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:202 Resp: 101468

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	8.3	6.6	10.0

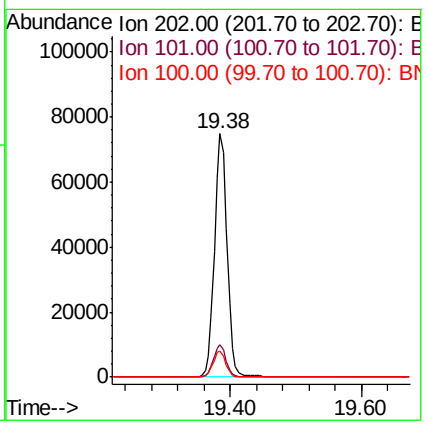


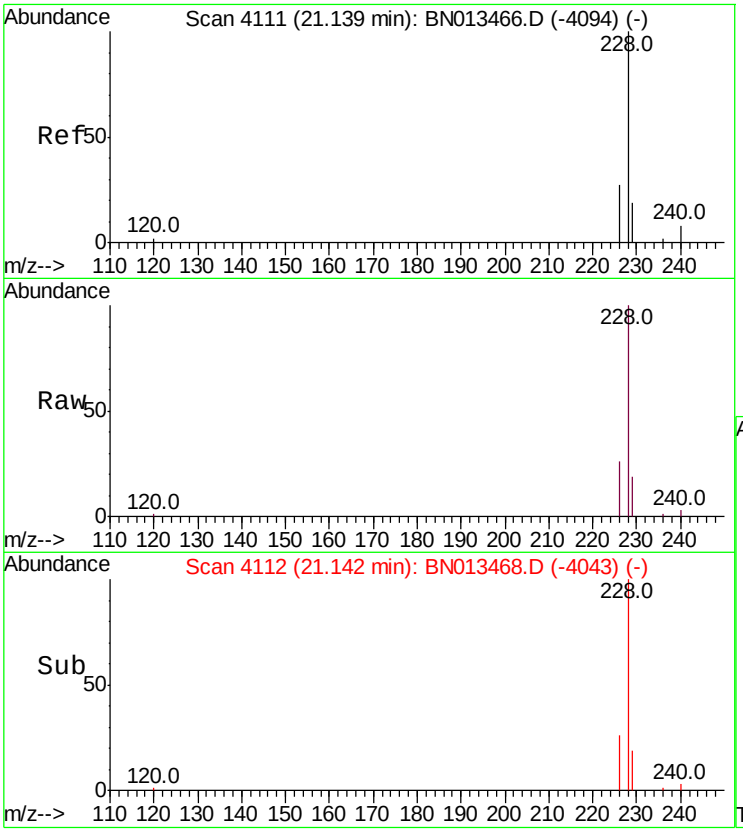


#20
Pyrene
Concen: 1.331 ng/ul
RT: 19.38 min Scan# 3653
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:202 Resp: 99932

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
100	10.8	8.6	13.0



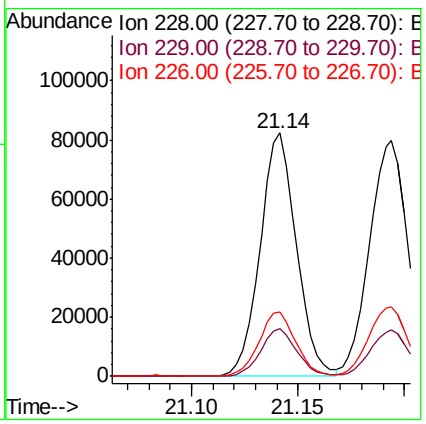


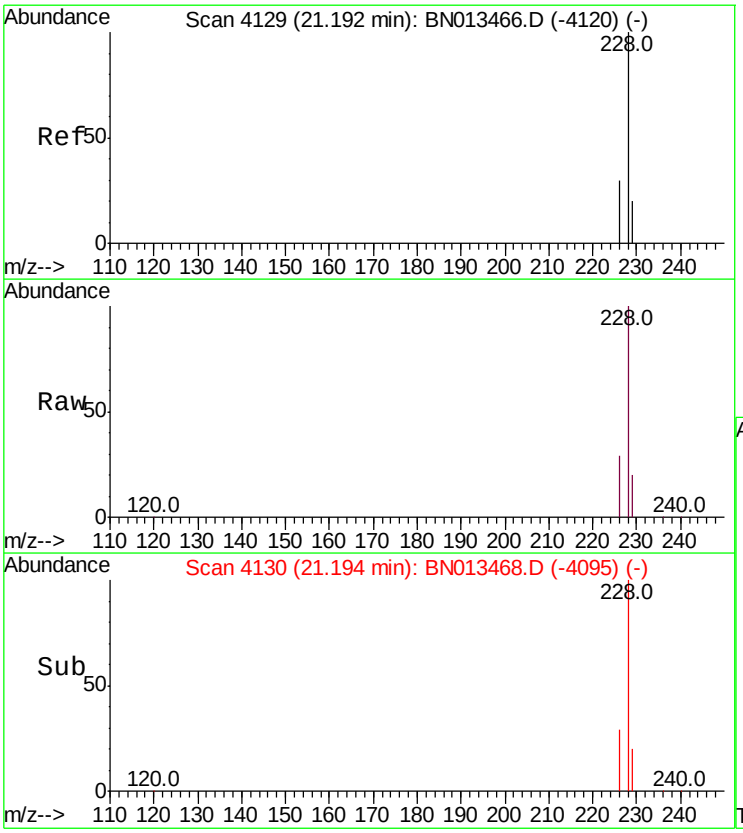
#21
Benzo(a)anthracene
Concen: 1.537 ng/ul
RT: 21.14 min Scan# 4112
Delta R.T. 0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:228 Resp: 96996

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	26.4	21.6	32.4

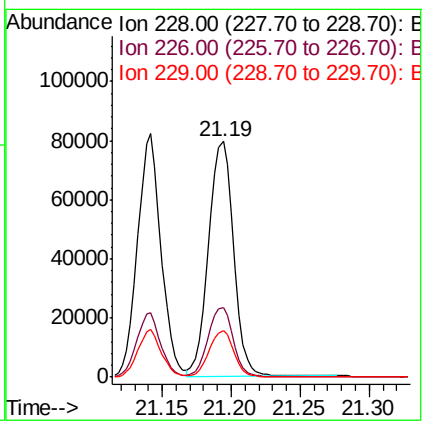


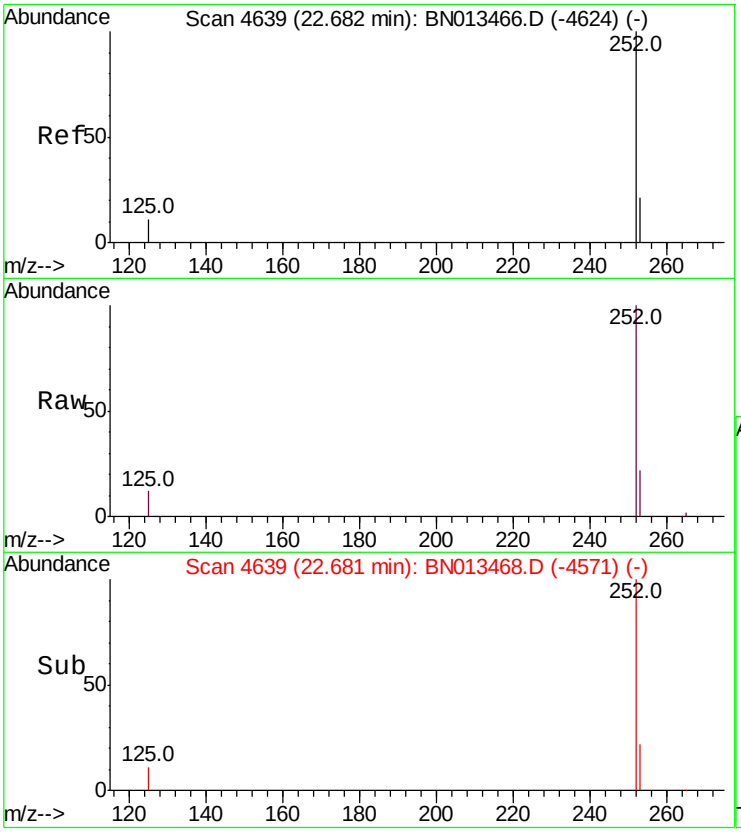


#22
Chrysene
Concen: 1.473 ng/ul
RT: 21.19 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:228 Resp: 100140

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.6	15.8	23.8



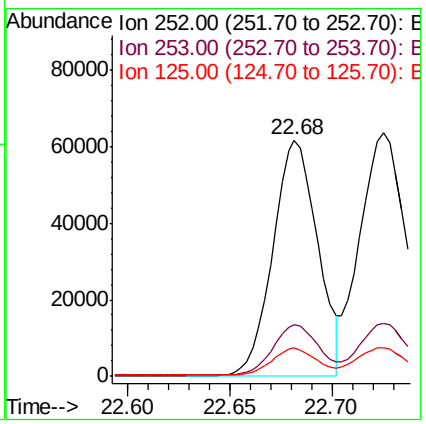


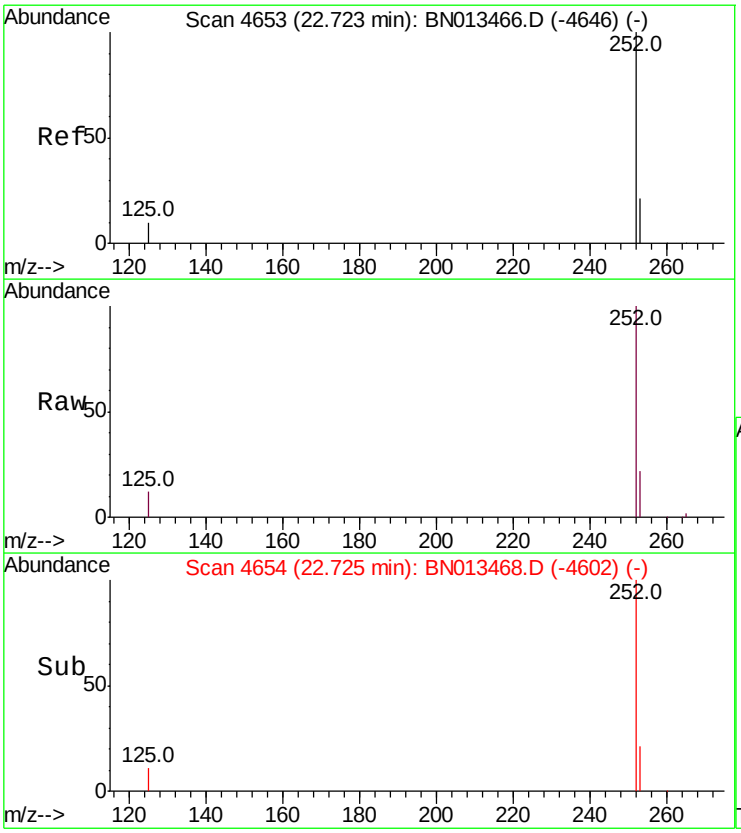
#24
Benzo(b)fluoranthene
Concen: 1.434 ng/ul
RT: 22.68 min Scan# 4639
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:252 Resp: 93898

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	46.6
125	12.0	0.0	27.2

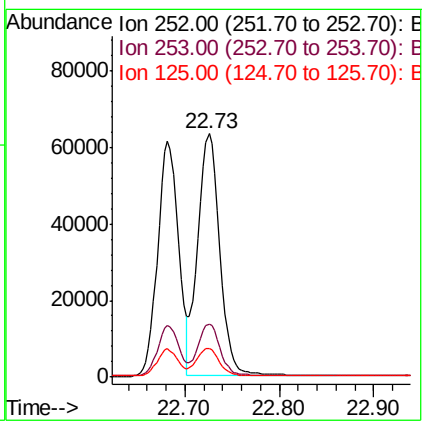


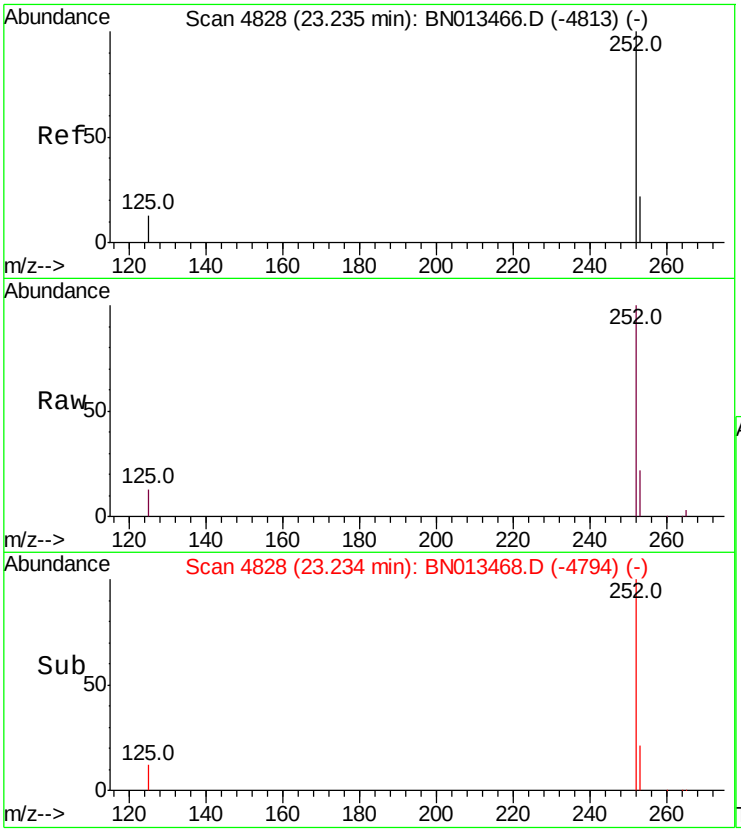


#25
Benzo(k)fluoranthene
Concen: 1.642 ng/ul
RT: 22.73 min Scan# 4654
Delta R.T. 0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:252 Resp: 103277

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	12.0	11.3	16.9



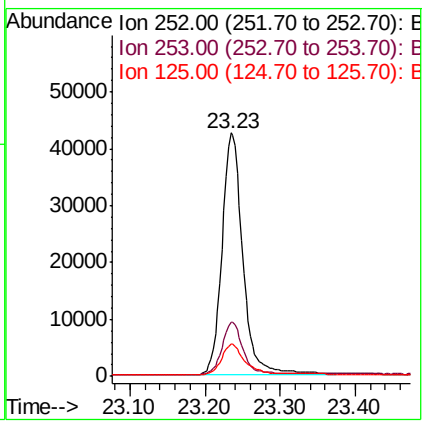


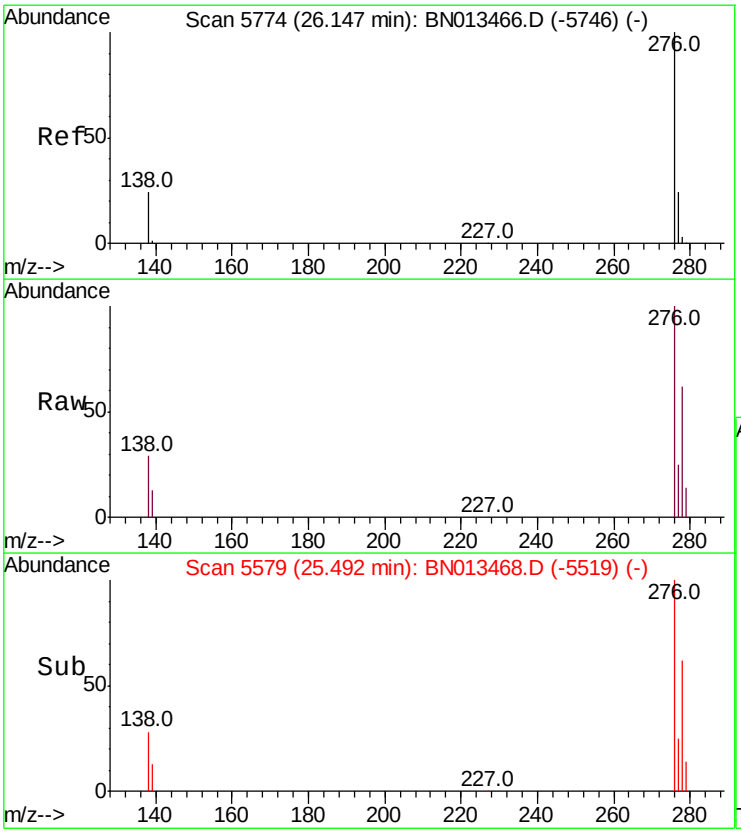
#26
Benzo(a)pyrene
Concen: 1.522 ng/ul
RT: 23.23 min Scan# 4828
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:252 Resp: 82318

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.8	29.8
125	13.2	13.1	19.7

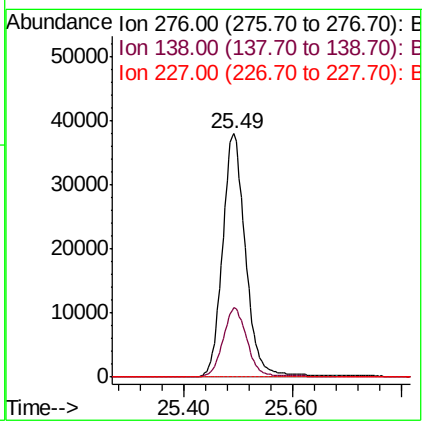


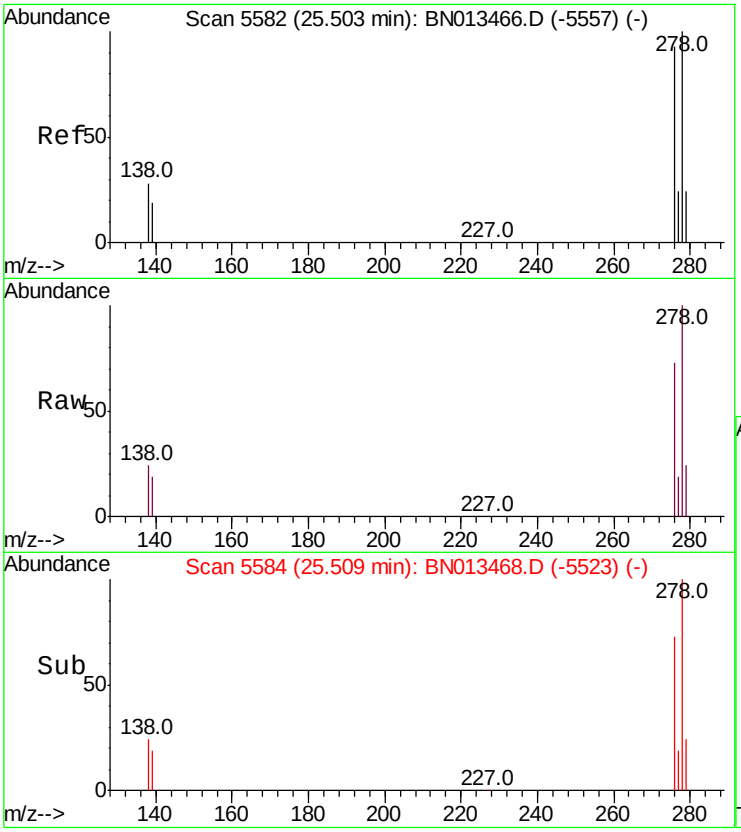


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.705 ng/ul
RT: 25.49 min Scan# 5579
Delta R.T. 0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:276 Resp: 111870

Ion	Ratio	Lower	Upper
276	100		
138	29.6	17.2	25.8#
227	0.2	0.0	0.0#



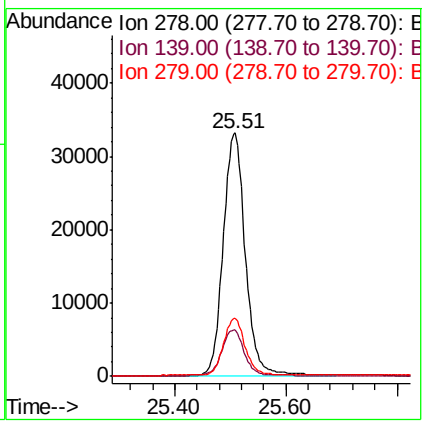


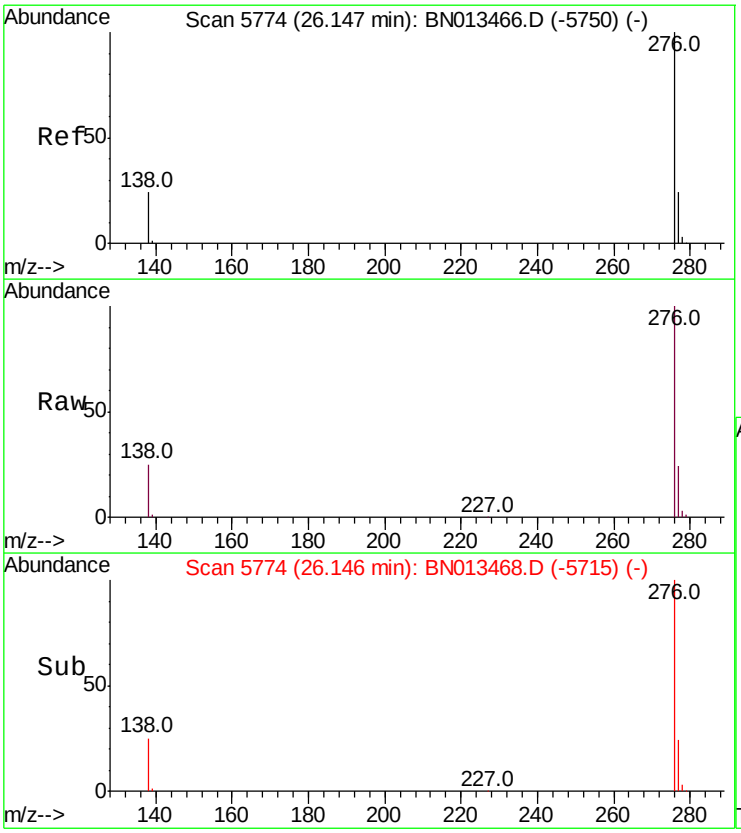
#28
Dibenzo(a,h)anthracene
Concen: 1.665 ng/ul
RT: 25.51 min Scan# 5584
Delta R.T. 0.01 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Instrument :
BNA_N
ClientSampleId :
SSTD1.6007

Tgt Ion:278 Resp: 91559

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.2	24.2
279	24.1	20.3	30.5





#29
Benzo(g,h,i)perylene
Concen: 1.631 ng/ul
RT: 26.15 min Scan# 5774
Delta R.T. -0.00 min
Lab File: BN013468.D
Acq: 22 Jan 2021 22:58

Tgt Ion:276 Resp: 93301

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.2
277	24.4	19.7	29.5