Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
Data File : BN017401.D
Acq On : 13 Nov 2021 21:24
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 15 02:37:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:31:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	6264	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	22389	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.507	164	13494	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	28062	0.400	ng/ul	0.00
17) Chrysene-d12	21.435	240	19737	0.400	ng/ul	0.00
23) Perylene-d12	23.815	264	14583	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	2786	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	13427	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	29567	0.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	3852	0.435	ng/ul#	64
5) Naphthalene	10.722	128	24781	0.400	ng/ul	98
7) 2-Methylnaphthalene	12.334	142	17159	0.387	ng/ul	100
8) 1-Methylnaphthalene	12.554	142	17211	0.393	ng/ul	100
10) Acenaphthylene	14.225	152	26006	0.401	ng/ul	100
11) Acenaphthene	14.572	153	18799	0.406	ng/ul	99
12) Fluorene	15.557	166	22125	0.403	ng/ul	100
14) Pentachlorophenol	16.901	266	2474	0.403	ng/ul	98
15) Phenanthrene	17.289	178	34413	0.408	ng/ul	99
16) Anthracene	17.382	178	33976	0.400	ng/ul	99
19) Fluoranthene	19.309	202	38177	0.417	ng/ul	99
20) Pyrene	19.672	202	38926	0.416	ng/ul	96
21) Benzo(a)anthracene	21.418	228	29651	0.404	ng/ul	99
22) Chrysene	21.470	228	30058	0.409	ng/ul	99
24) Benzo(b)fluoranthene	23.093	252	24676	0.414	ng/ul	97
25) Benzo(k)fluoranthene	23.139	252	25749	0.419	ng/ul	98
26) Benzo(a)pyrene	23.709	252	20983	0.422	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.279	276	20698	0.493	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.299	278	15768	0.505	ng/ul	95
29) Benzo(g,h,i)perylene	27.027	276	18713	0.487	ng/ul	97

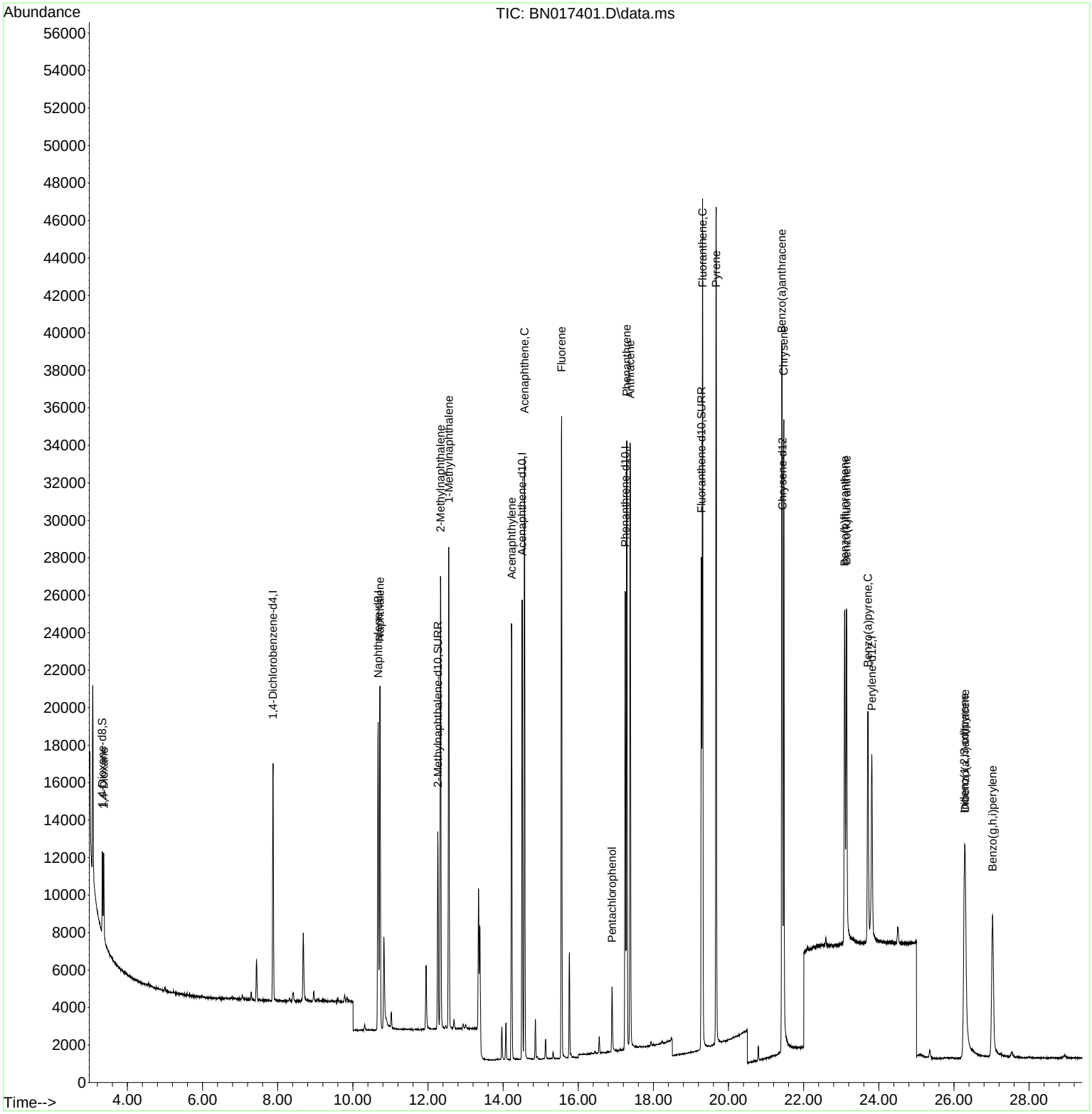
(#) = qualifier out of range (m) = manual integration (+) = signals summed

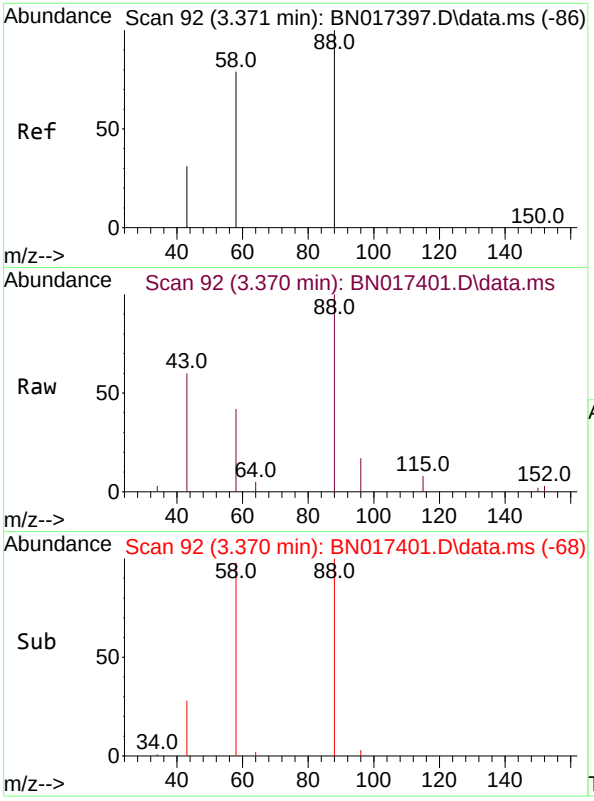
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
Data File : BN017401.D
Acq On : 13 Nov 2021 21:24
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 15 02:37:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:31:43 2021
Response via : Initial Calibration



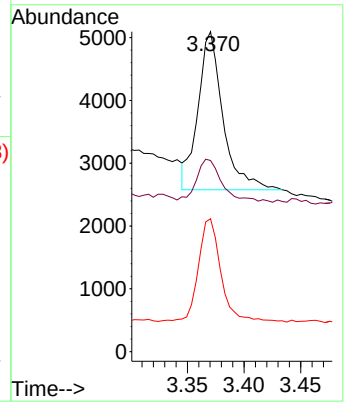


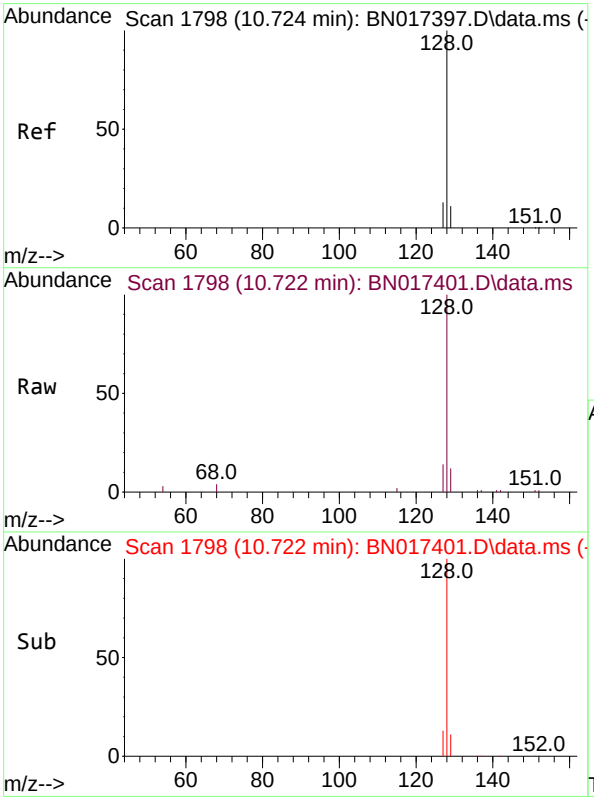
#2
1,4-Dioxane
Concen: 0.435 ng/ul
RT: 3.370 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 3852

Ion	Ratio	Lower	Upper
88	100		
43	59.7	85.8	128.6#
58	41.6	43.4	65.0#

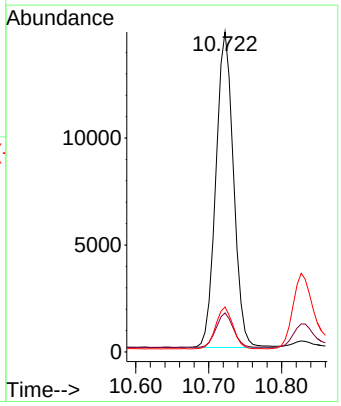


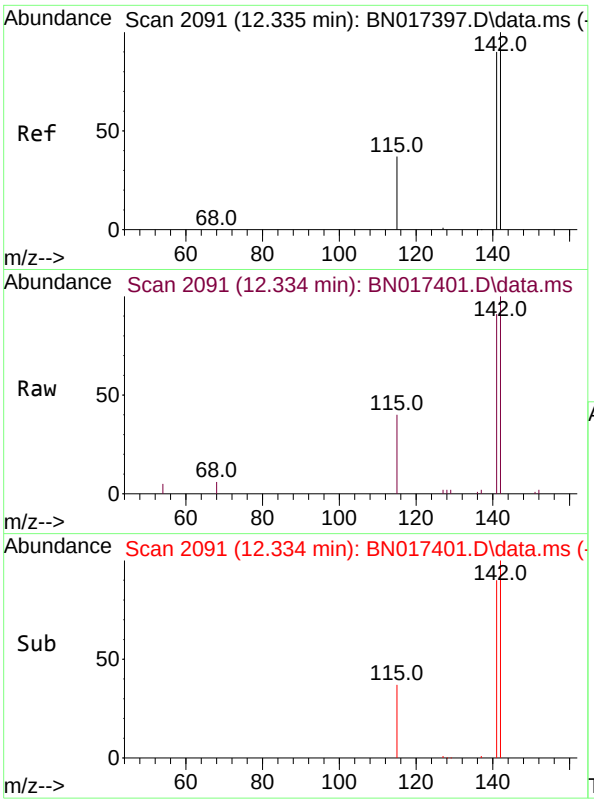


#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.002 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:128 Resp: 24781

Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.4	15.6
127	14.1	11.8	17.6



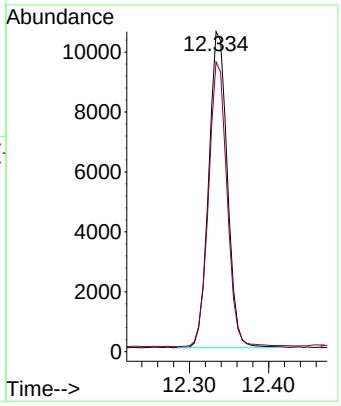


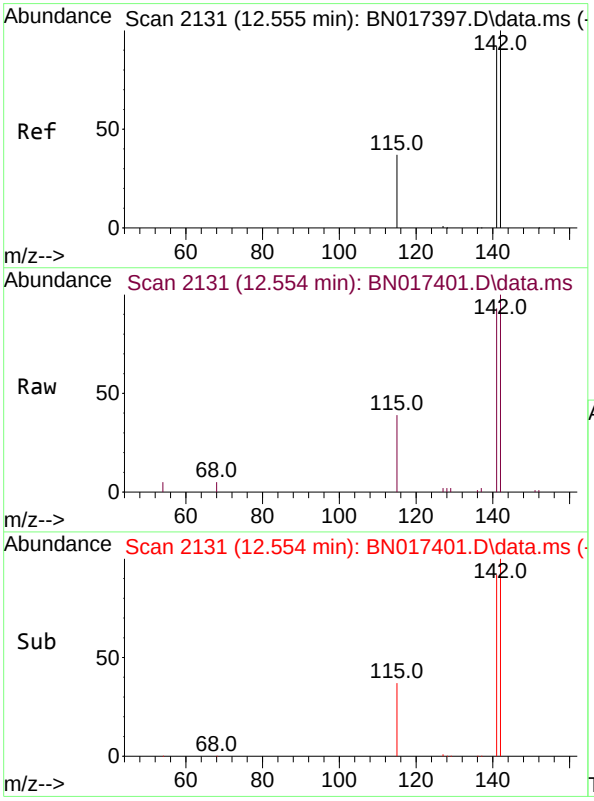
#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.334 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 17159

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.5	107.3

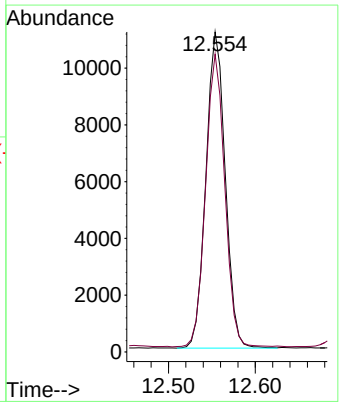


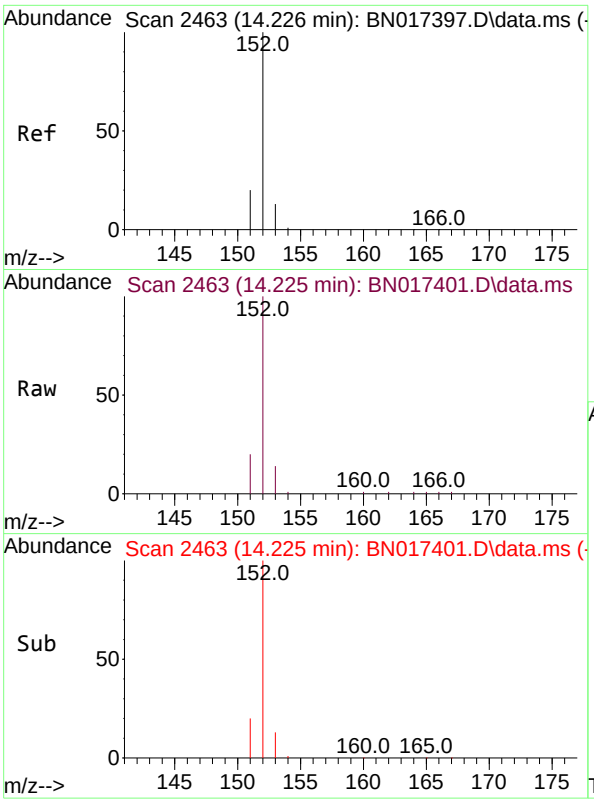


#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.554 min Scan# 2131
Delta R.T. -0.002 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:142 Resp: 17211

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



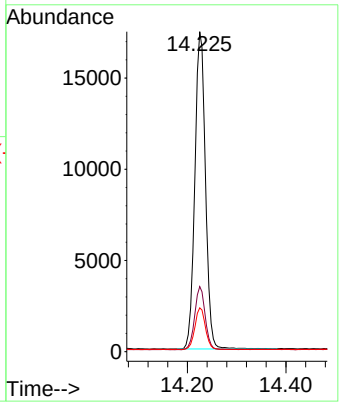


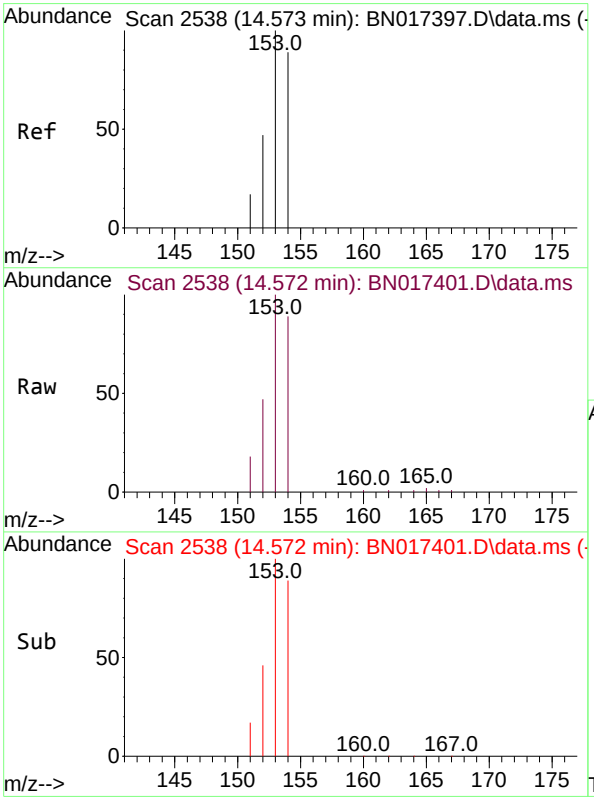
#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 14.225 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 26006

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.7	11.1	16.7

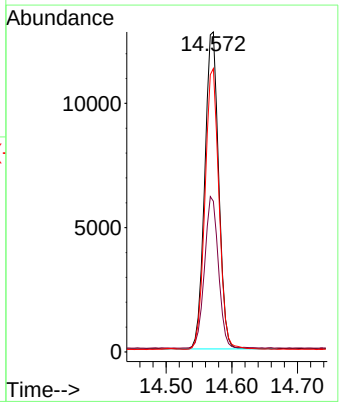


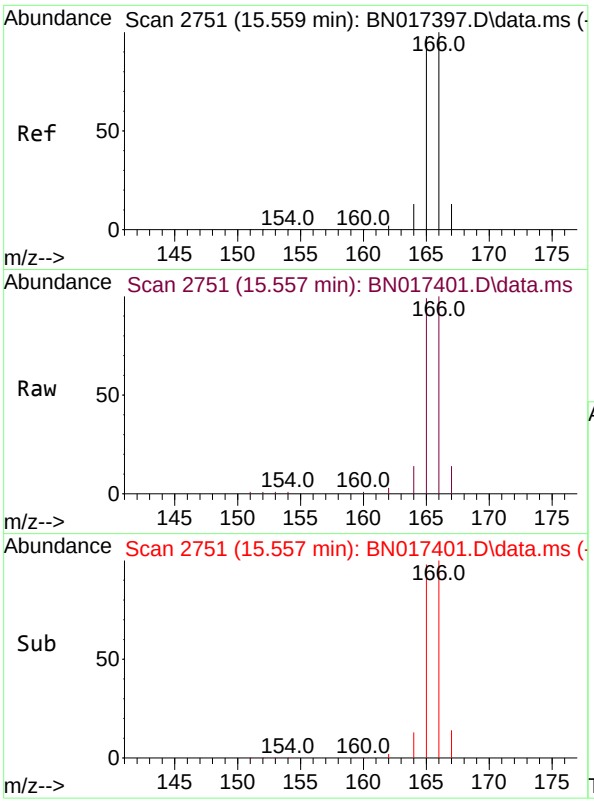


#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.572 min Scan# 2538
Delta R.T. -0.002 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:153 Resp: 18799

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.3	57.5
154	88.6	71.1	106.7



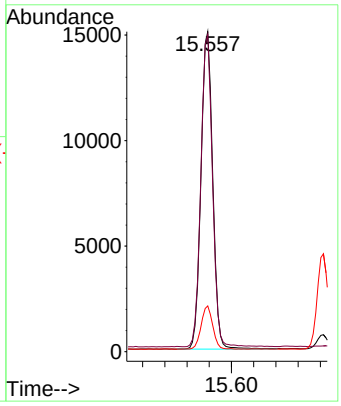


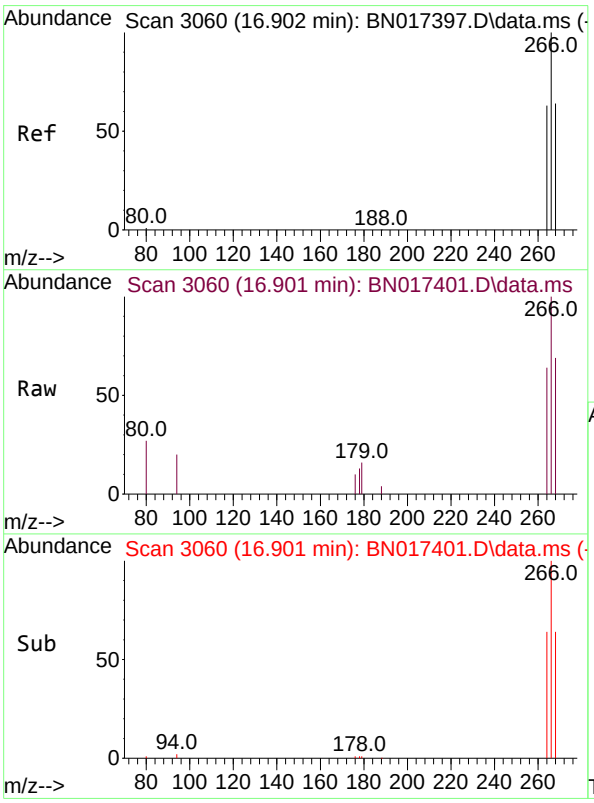
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.557 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 22125

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.2	118.8
167	14.3	11.2	16.8

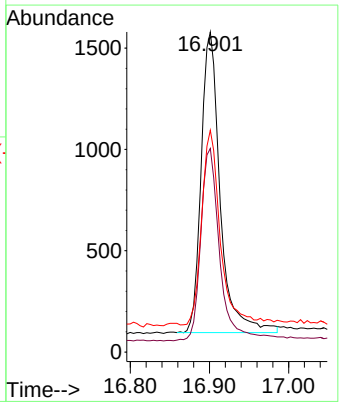


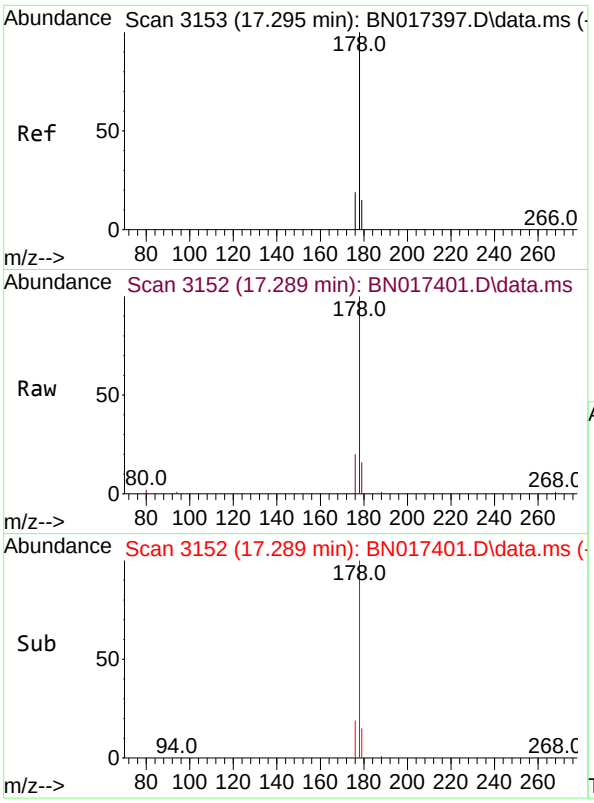


#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.001 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:266 Resp: 2474

Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.3	75.5
268	63.7	52.2	78.4





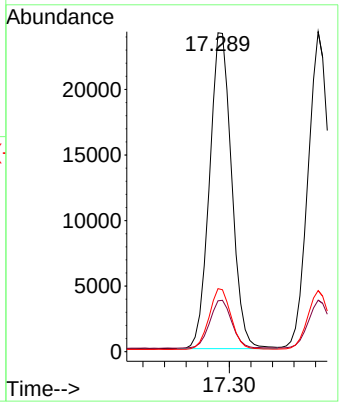
#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.289 min Scan# 3

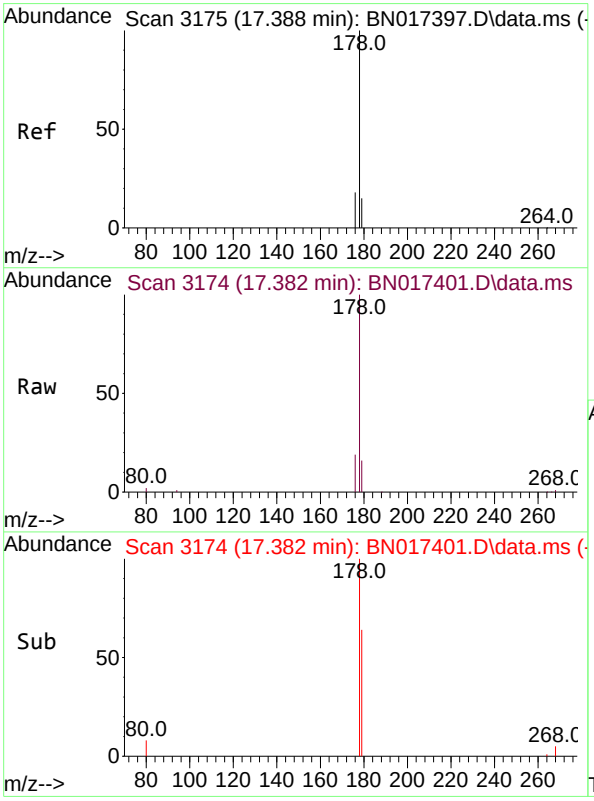
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.005 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:178 Resp: 34413

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	19.7	15.6	23.4

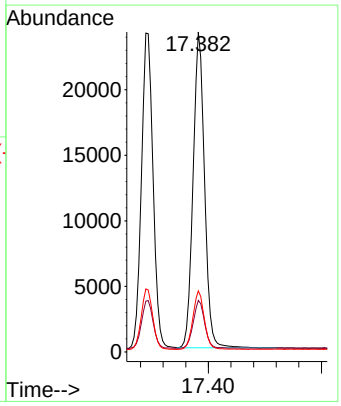


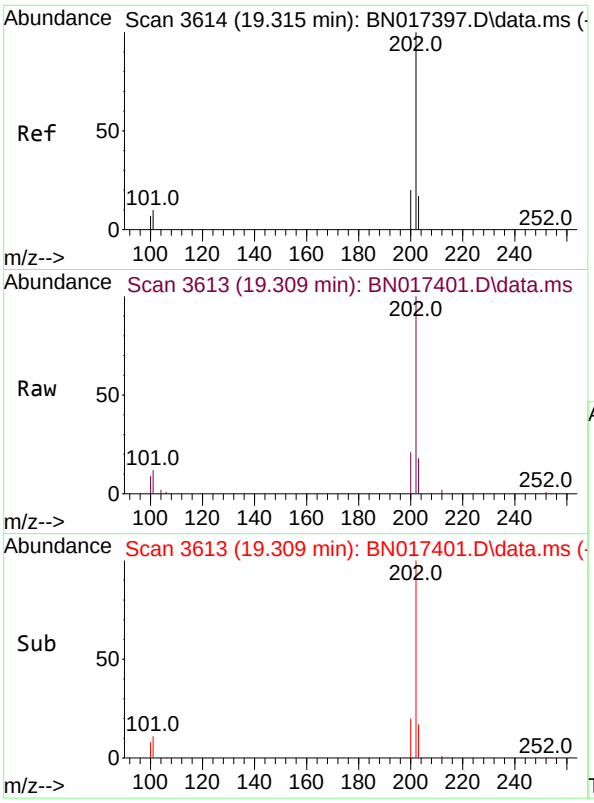


#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:178 Resp: 33976

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.3	19.9
176	19.1	15.1	22.7



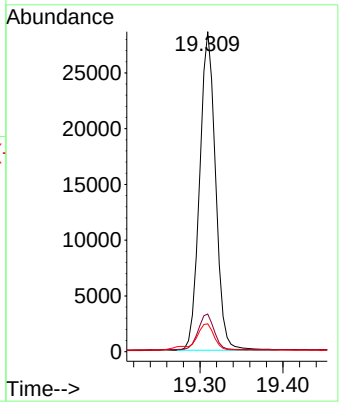


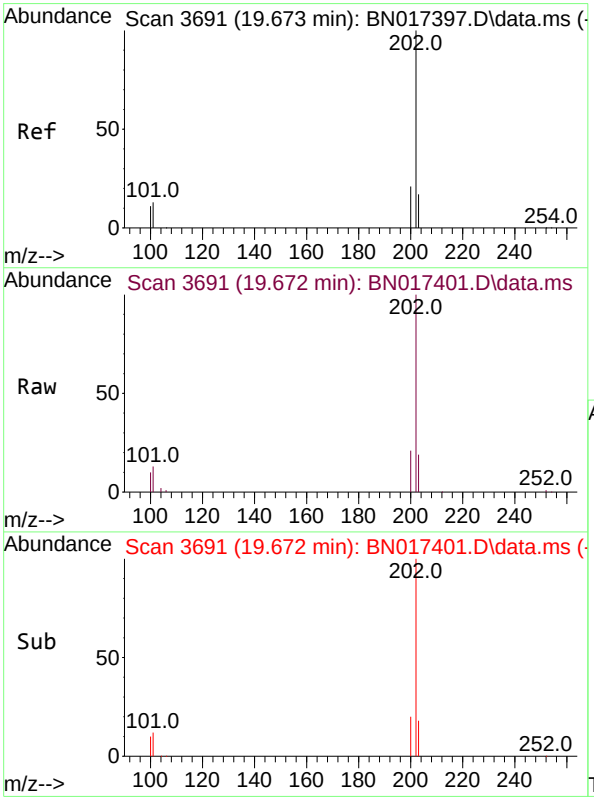
#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.309 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 38177

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.0	13.4
100	8.7	6.8	10.2

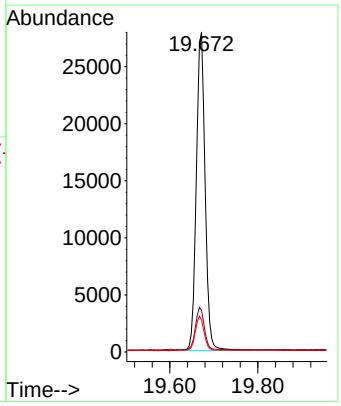


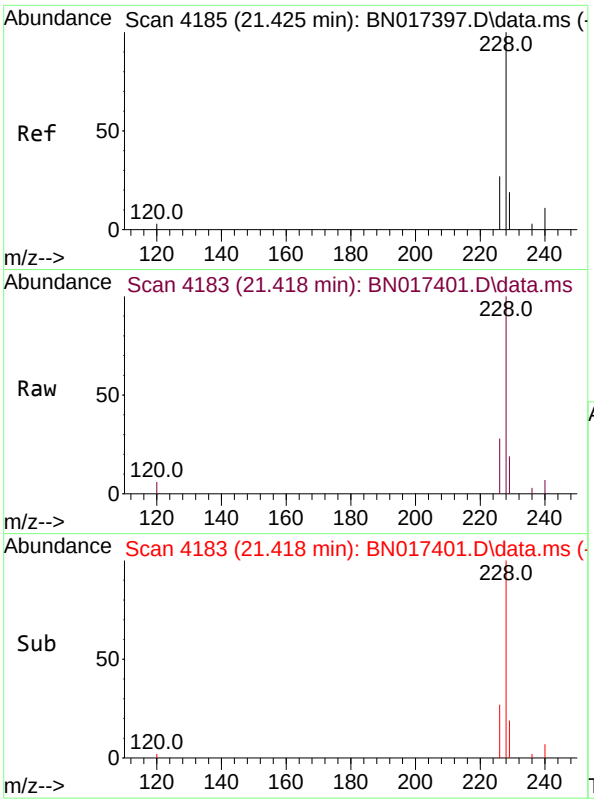


#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.672 min Scan# 3691
Delta R.T. -0.001 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:202 Resp: 38926

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.2
100	10.1	9.4	14.0



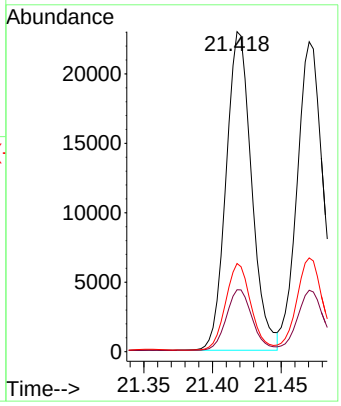


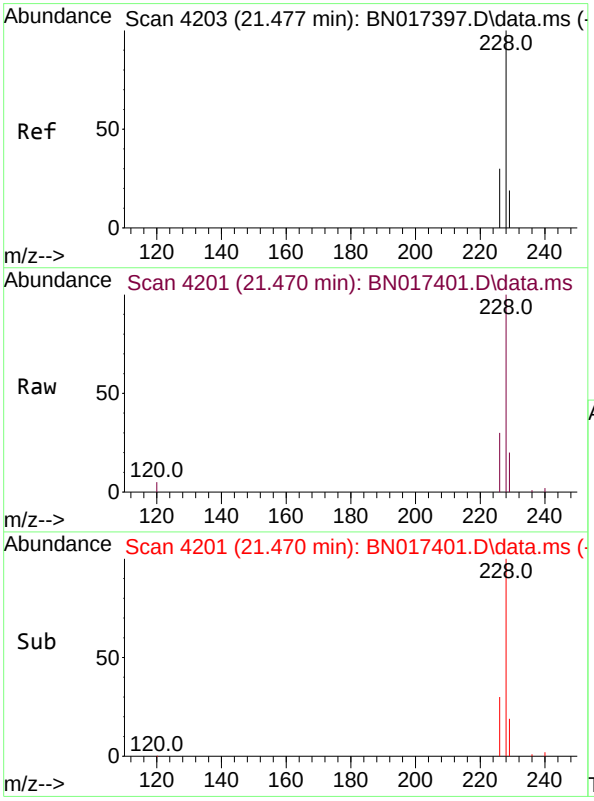
#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.418 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 29651

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	27.5	21.8	32.8

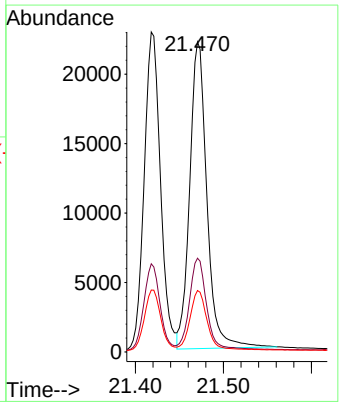


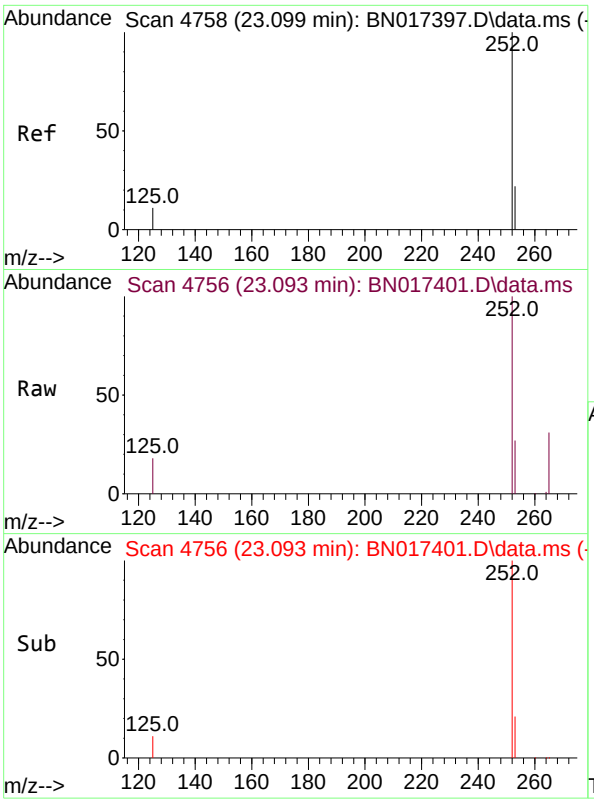


#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.470 min Scan# 4201
Delta R.T. -0.007 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:228 Resp: 30058

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.8	15.7	23.5



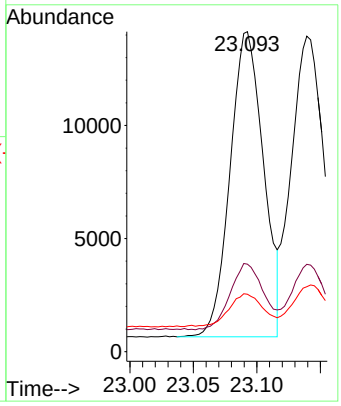


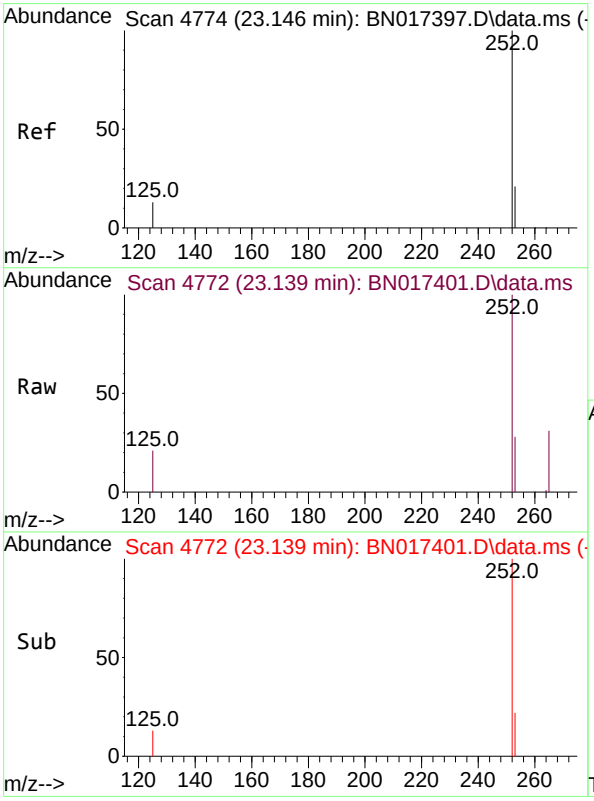
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.093 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24676

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	57.6
125	18.0	0.0	39.0

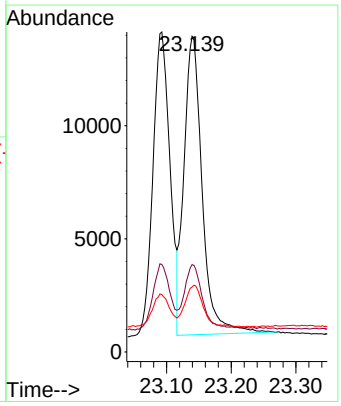


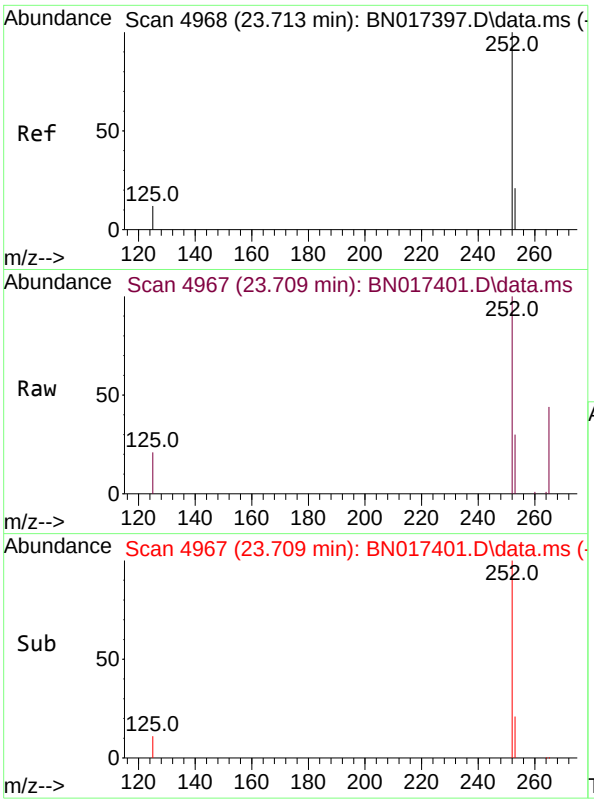


#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 23.139 min Scan# 4772
Delta R.T. -0.007 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:252 Resp: 25749

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.1	34.7
125	20.6	17.1	25.7



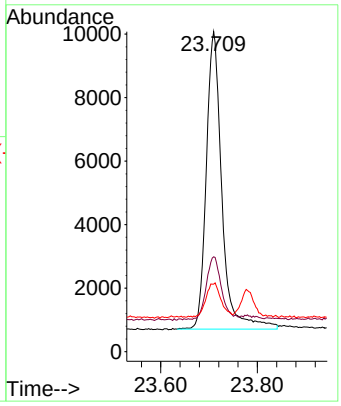


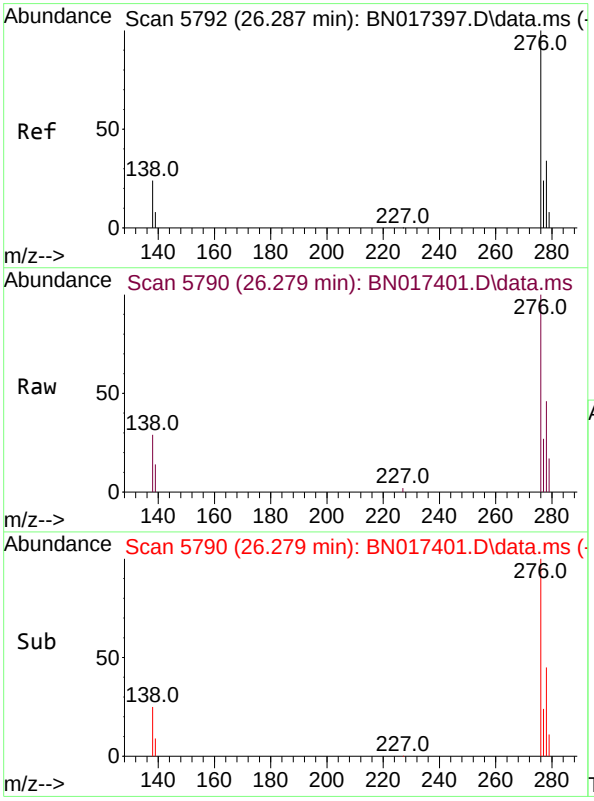
#26
Benzo(a)pyrene
Concen: 0.422 ng/ul
RT: 23.709 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20983

Ion	Ratio	Lower	Upper
252	100		
253	29.6	25.0	37.4
125	21.1	19.3	28.9

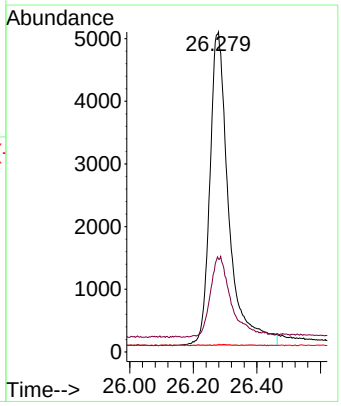


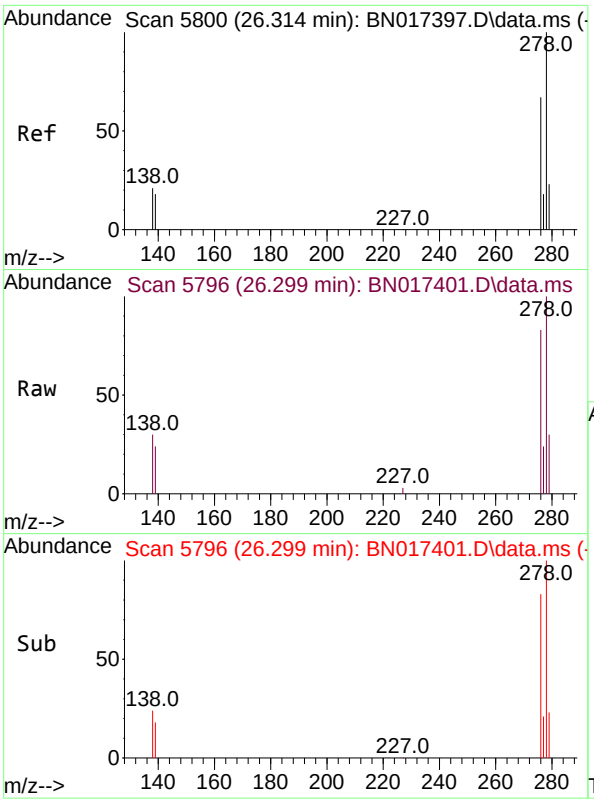


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng/ul
RT: 26.279 min Scan# 5790
Delta R.T. -0.008 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:276 Resp: 20698

Ion	Ratio	Lower	Upper
276	100		
138	27.5	0.1	0.1#
227	0.0	0.0	0.0#



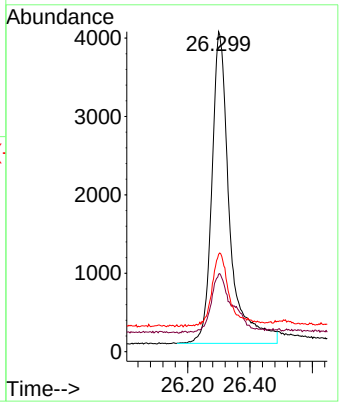


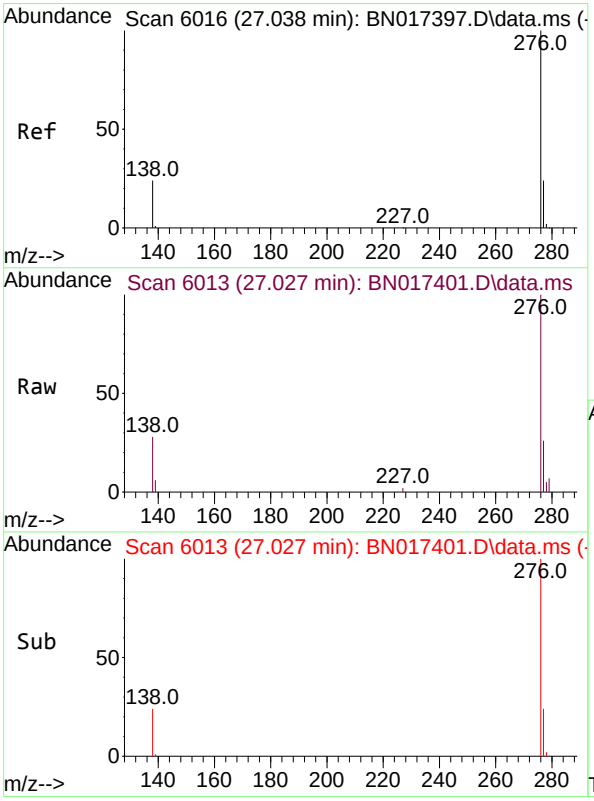
#28
Dibenzo(a,h)anthracene
Concen: 0.505 ng/ul
RT: 26.299 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 15768

Ion	Ratio	Lower	Upper
278	100		
139	24.3	21.8	32.8
279	30.5	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 27.027 min Scan# 6013
Delta R.T. -0.011 min
Lab File: BN017401.D
Acq: 13 Nov 2021 21:24

Tgt Ion:276 Resp: 18713

Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.5	36.7
277	26.0	21.2	31.8