Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025796.D
Acq On : 13 Jun 2023 08:45
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 13 23:15:36 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	10014	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.814	136	29661	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.640	164	16787	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	34310	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	21299	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	17462	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4432	0.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	16547	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	31393	0.467	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	4735	0.449	ng/ul	98
5) Naphthalene	10.864	128	31886	0.423	ng/ul	99
7) 2-Methylnaphthalene	12.475	142	20027	0.441	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	21381	0.428	ng/ul	100
10) Acenaphthylene	14.362	152	29332	0.442	ng/ul	99
11) Acenaphthene	14.700	153	24025	0.434	ng/ul	99
12) Fluorene	15.685	166	27229	0.441	ng/ul	100
14) Pentachlorophenol	17.043	266	1141	0.309	ng/ul	95
15) Phenanthrene	17.423	178	43007	0.430	ng/ul	100
16) Anthracene	17.520	178	37130	0.439	ng/ul	100
19) Fluoranthene	19.438	202	45469	0.467	ng/ul	99
20) Pyrene	19.800	202	46265	0.459	ng/ul	100
21) Benzo(a)anthracene	21.555	228	33920	0.499	ng/ul	100
22) Chrysene	21.611	228	35153	0.453	ng/ul	100
24) Benzo(b)fluoranthene	23.288	252	30013	0.420	ng/ul	99
25) Benzo(k)fluoranthene	23.341	252	30434	0.425	ng/ul	98
26) Benzo(a)pyrene	23.937	252	25182	0.416	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.628	276	30341	0.440	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.648	278	23623	0.452	ng/ul	97
29) Benzo(g,h,i)perylene	27.423	276	26815	0.433	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
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Acq On : 13 Jun 2023 08:45
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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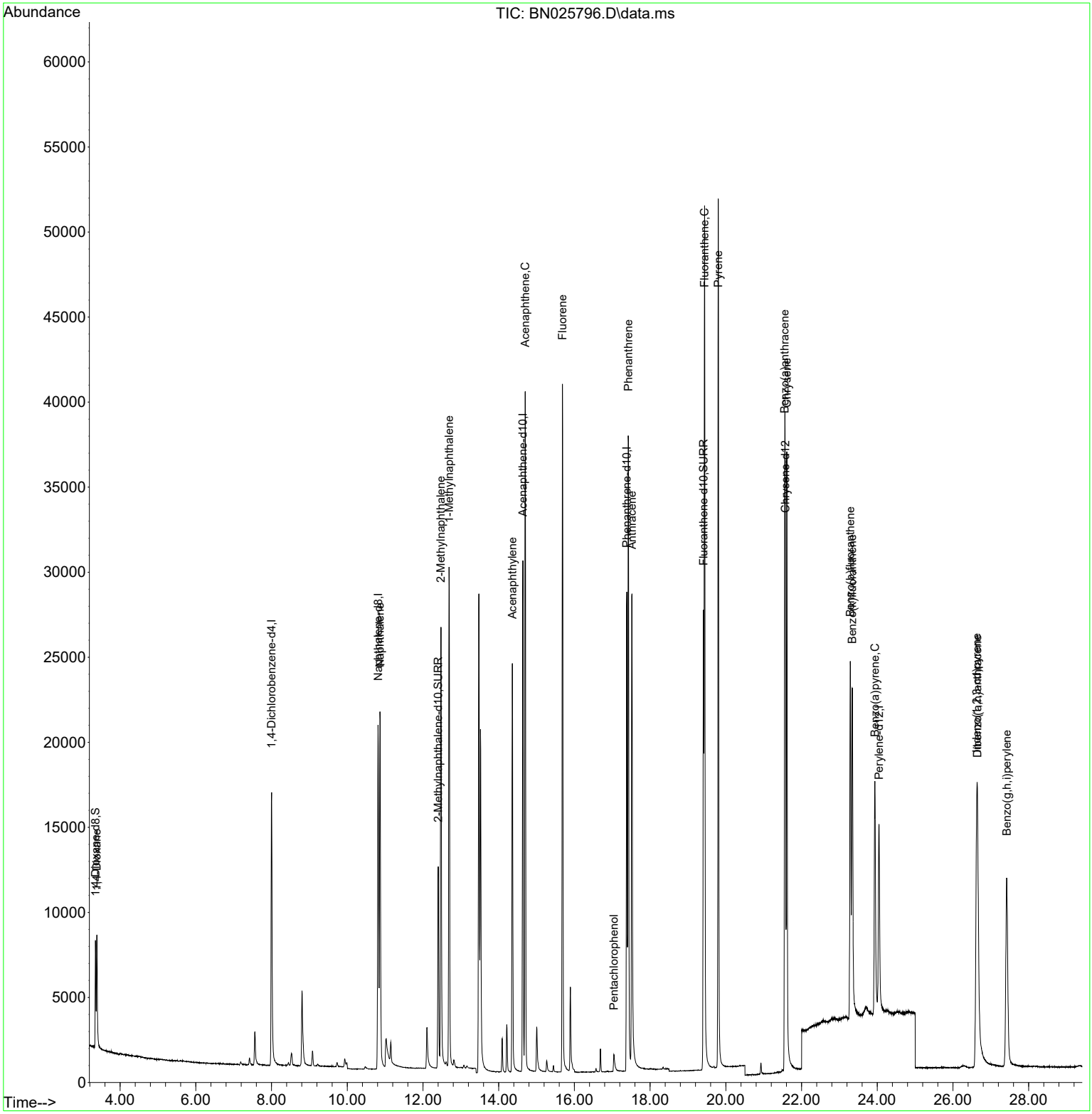
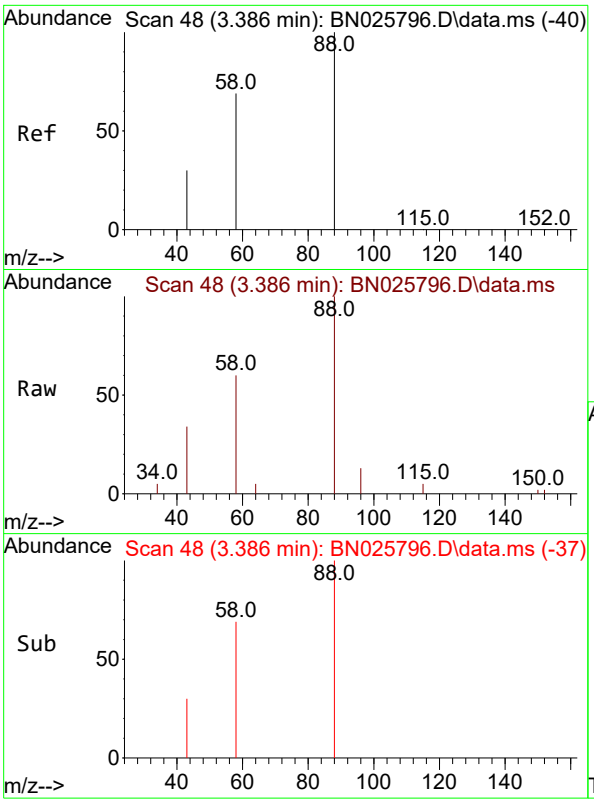
Response via : Initial Calibration



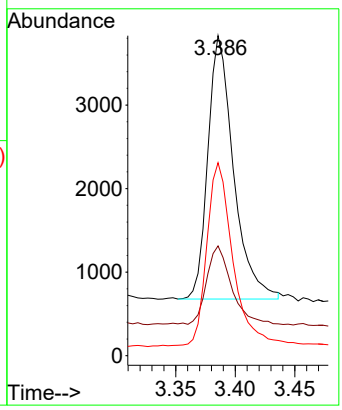


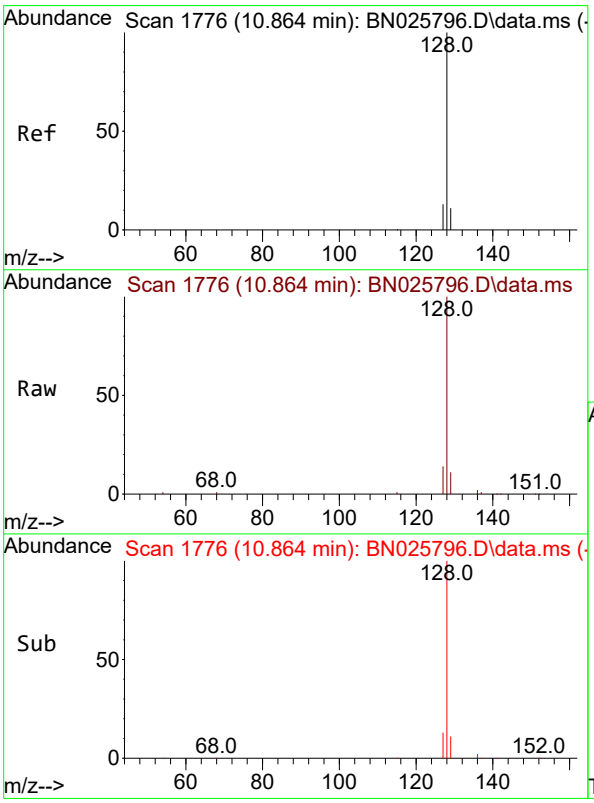
#2
1,4-Dioxane
Concen: 0.449 ng/ul
RT: 3.386 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 4735

Ion	Ratio	Lower	Upper
88	100		
43	34.3	26.5	39.7
58	60.3	49.0	73.6

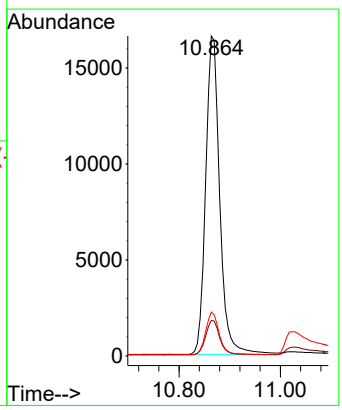


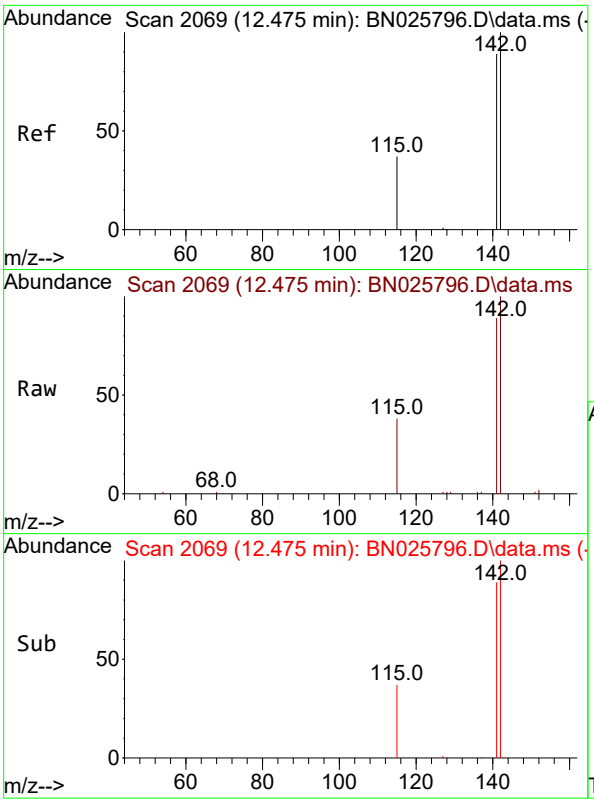


#5
Naphthalene
Concen: 0.423 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.011 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:128 Resp: 31886

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.7	10.5	15.7



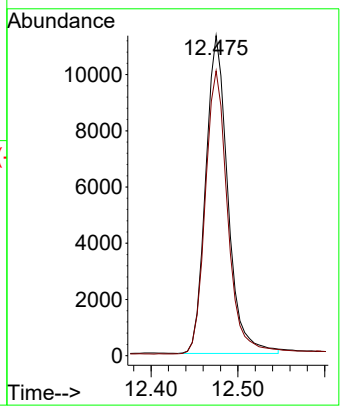


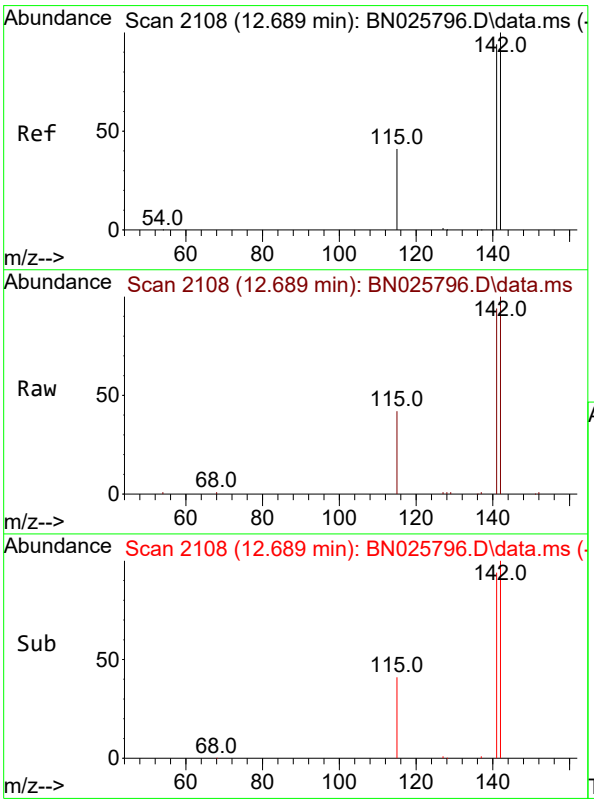
#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.475 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 20027

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2

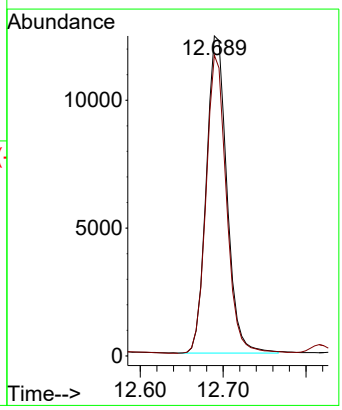


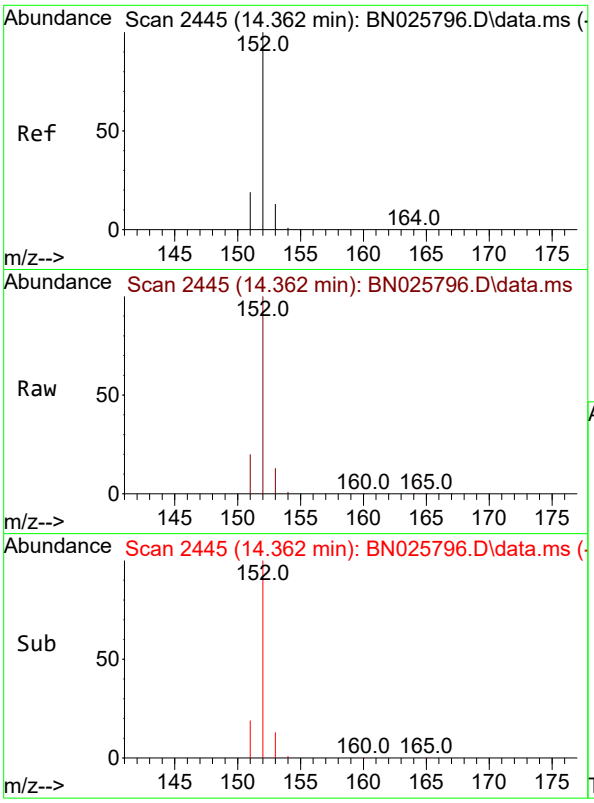


#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.689 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:142 Resp: 21381

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.0	111.0



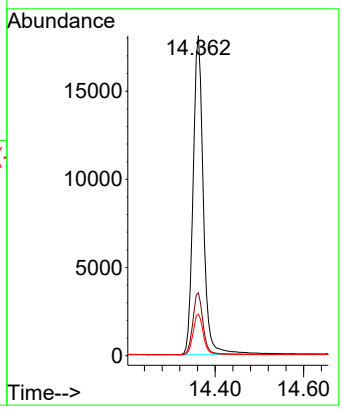


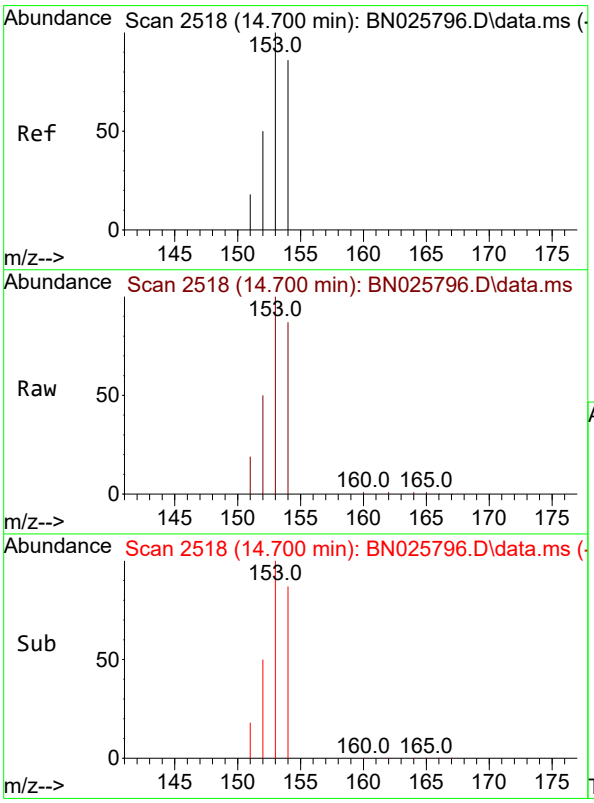
#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 14.362 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 29332

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.0	10.7	16.1

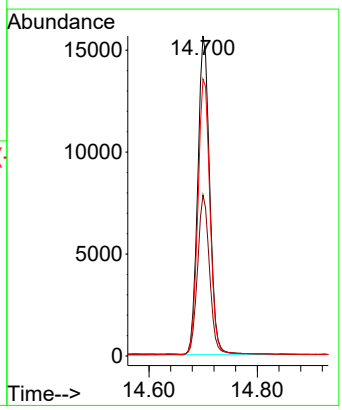


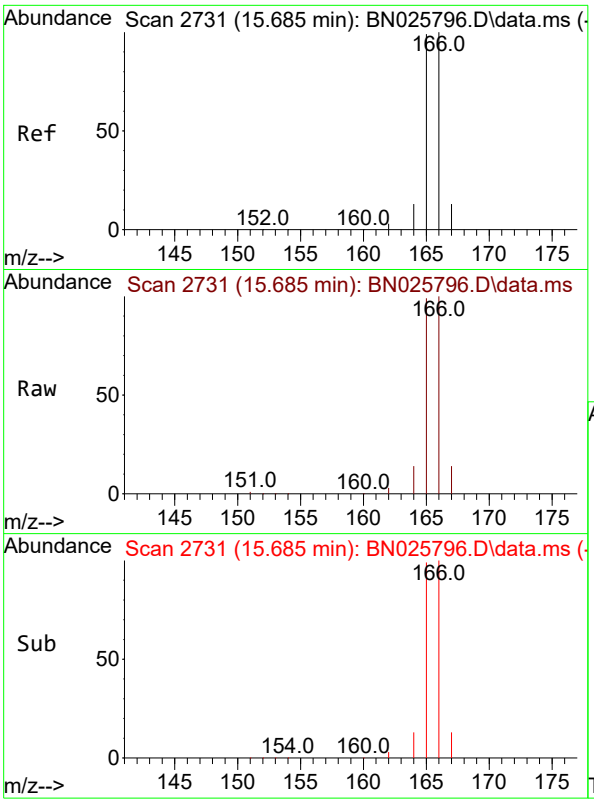


#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:153 Resp: 24025

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.5	59.3
154	86.5	68.8	103.2



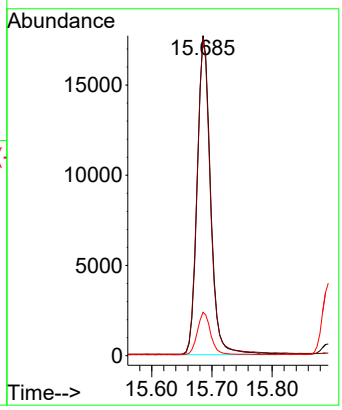


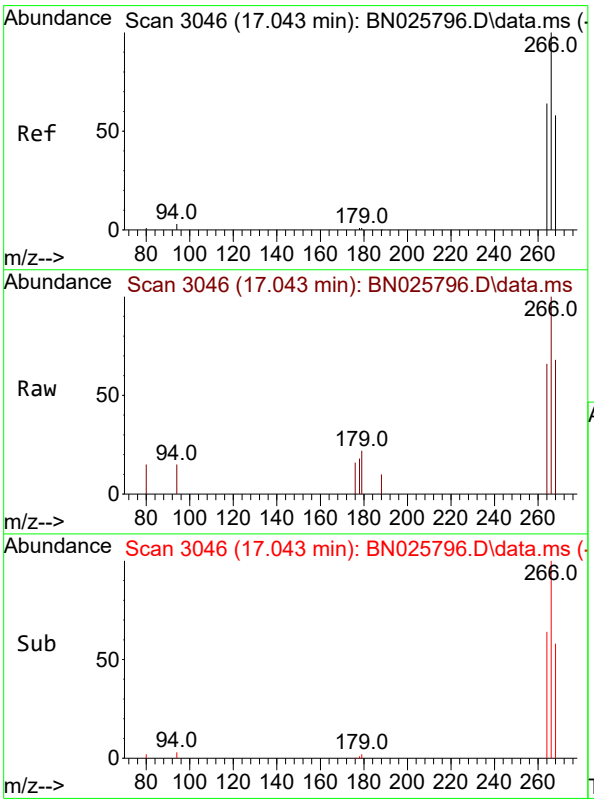
#12
Fluorene
Concen: 0.441 ng/ul
RT: 15.685 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 27229

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.2	118.8
167	13.5	11.0	16.6

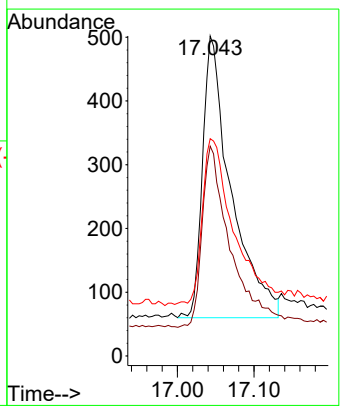


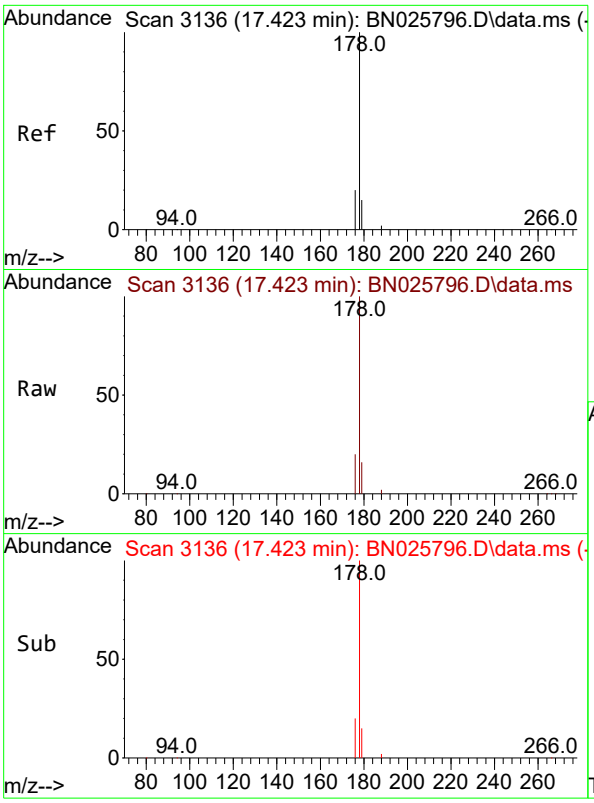


#14
Pentachlorophenol
Concen: 0.309 ng/ul
RT: 17.043 min Scan# 3046
Delta R.T. -0.013 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:266 Resp: 1141

Ion	Ratio	Lower	Upper
266	100		
264	64.2	48.2	72.4
268	64.4	48.2	72.4



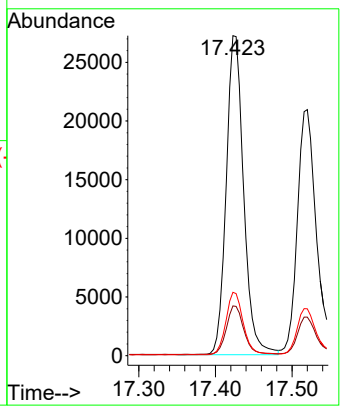


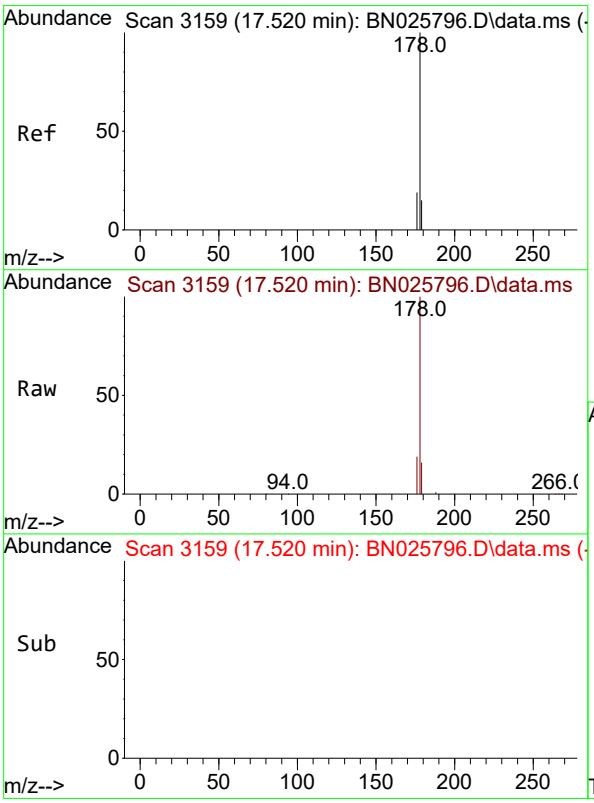
#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.423 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 43007

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.8	15.8	23.8

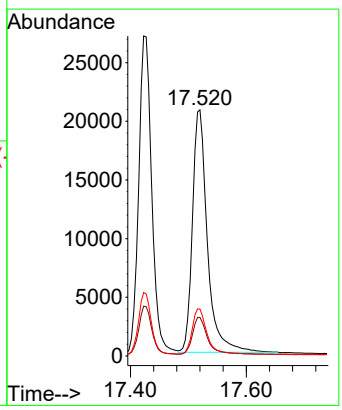


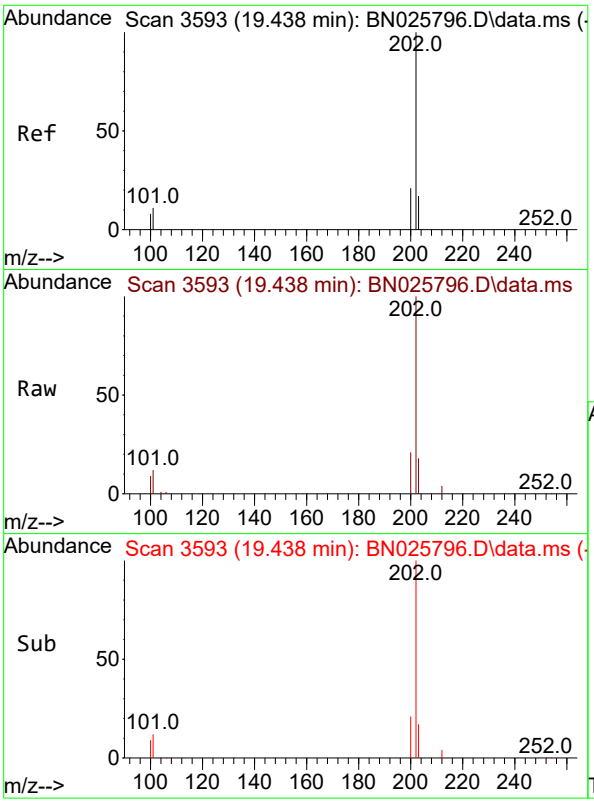


#16
Anthracene
Concen: 0.439 ng/ul
RT: 17.520 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:178 Resp: 37130

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.0	15.4	23.2



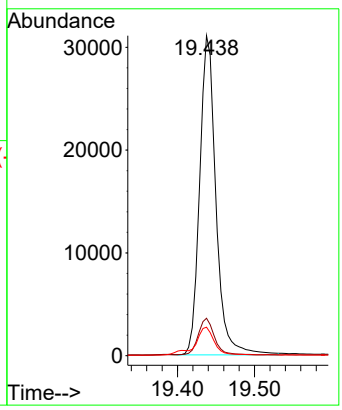


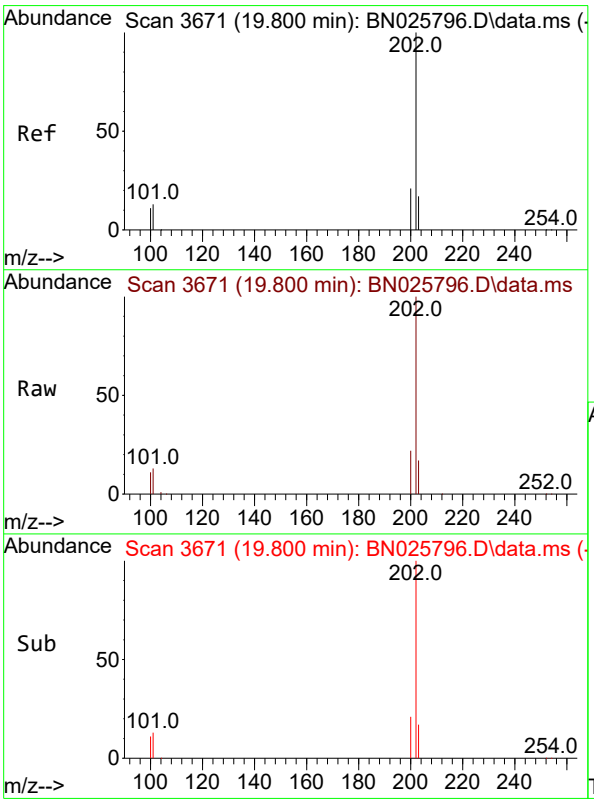
#19
Fluoranthene
Concen: 0.467 ng/ul
RT: 19.438 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 45469

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	8.9	7.0	10.6

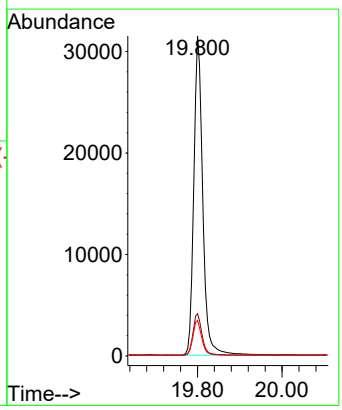


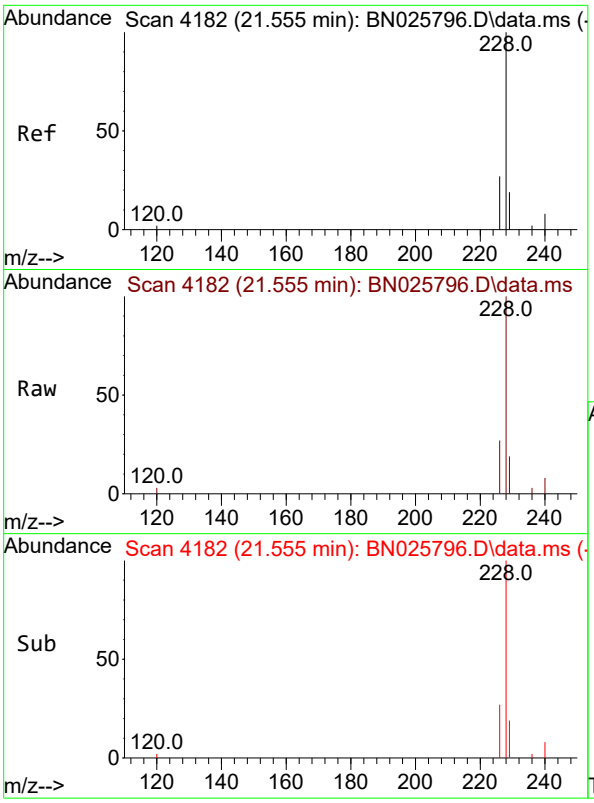


#20
Pyrene
Concen: 0.459 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. -0.005 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:202 Resp: 46265

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.4	15.6
100	11.1	8.8	13.2



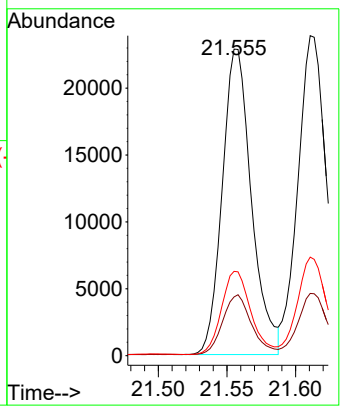


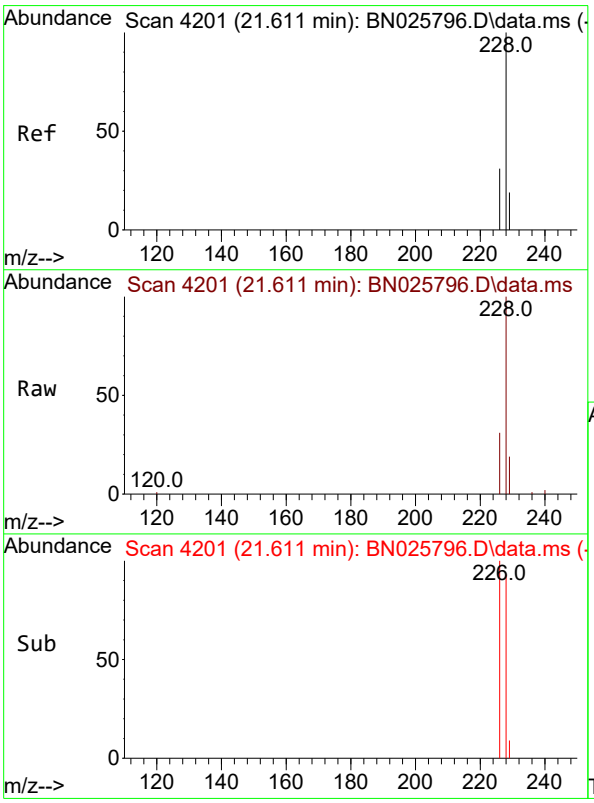
#21
Benzo(a)anthracene
Concen: 0.499 ng/ul
RT: 21.555 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 33920

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.5	23.3
226	27.5	22.0	33.0

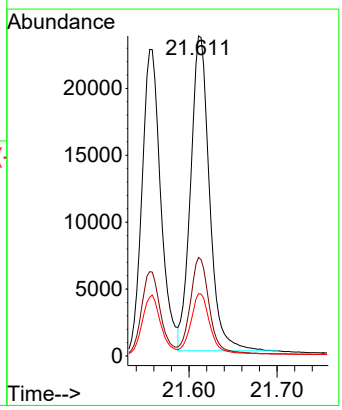


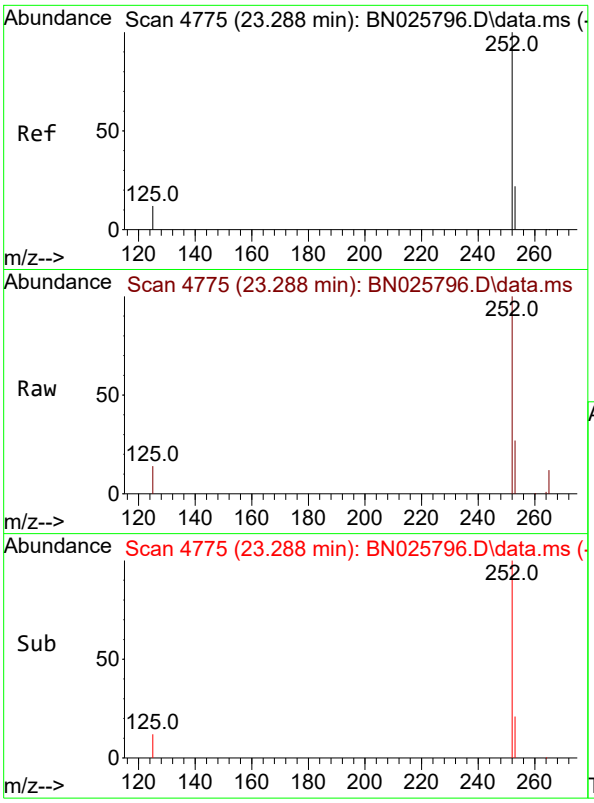


#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.611 min Scan# 4201
Delta R.T. 0.003 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:228 Resp: 35153

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.5	15.7	23.5



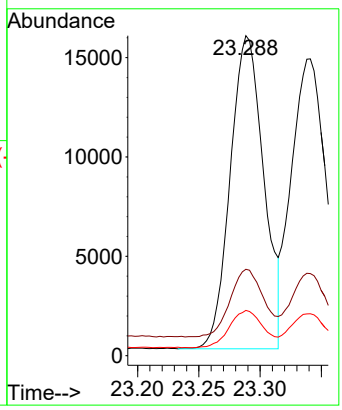


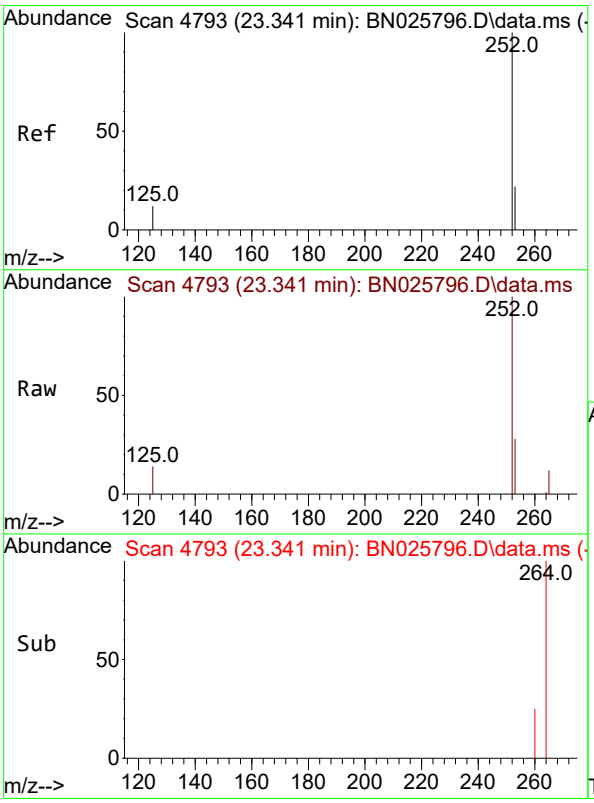
#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 23.288 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 30013

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	56.0
125	14.1	0.0	28.0

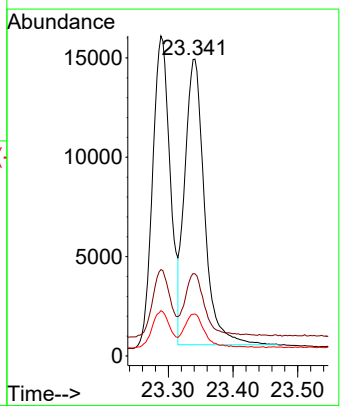


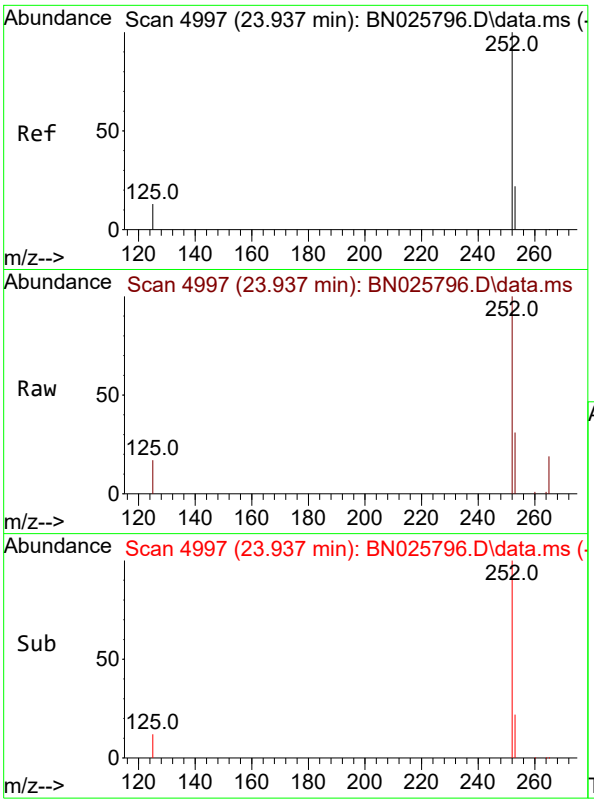


#25
Benzo(k)fluoranthene
Concen: 0.425 ng/ul
RT: 23.341 min Scan# 4793
Delta R.T. 0.000 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:252 Resp: 30434

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.3	34.9
125	14.1	11.6	17.4



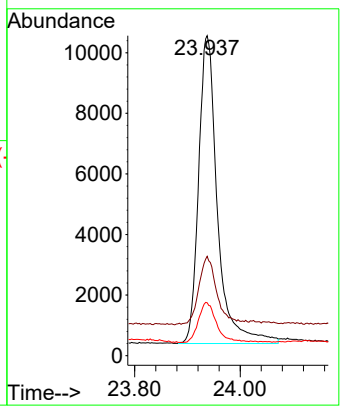


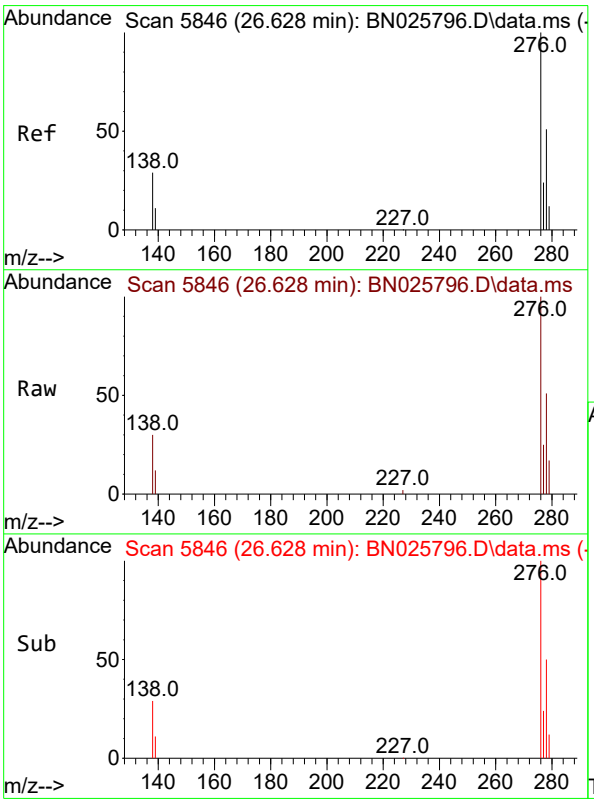
#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.937 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25182

Ion	Ratio	Lower	Upper
252	100		
253	31.0	25.8	38.8
125	16.6	13.5	20.3

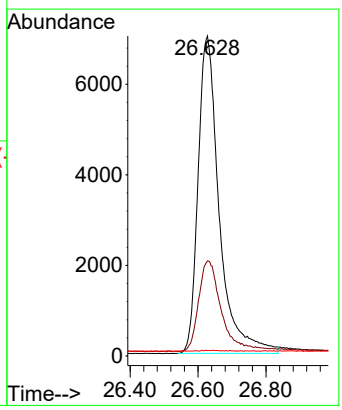


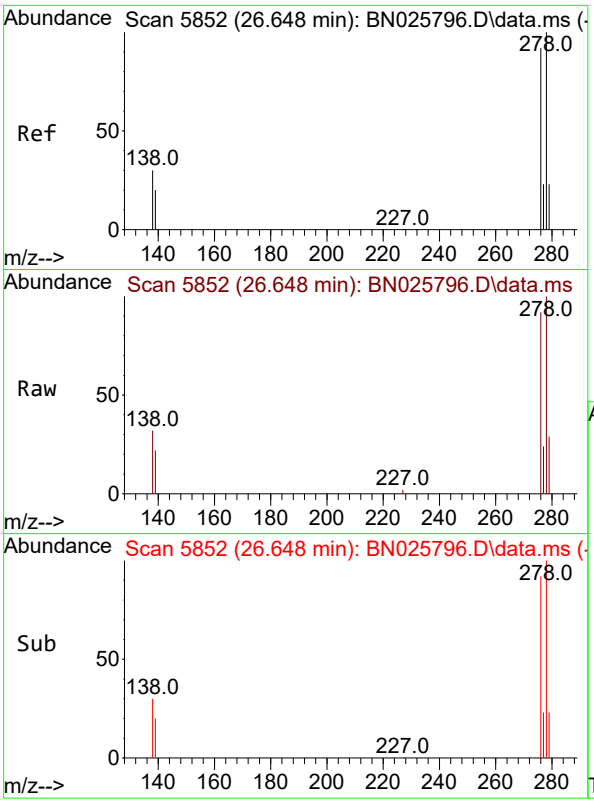


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 26.628 min Scan# 5846
Delta R.T. -0.030 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:276 Resp: 30341

Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.6	36.8
227	0.0	0.0	0.0#



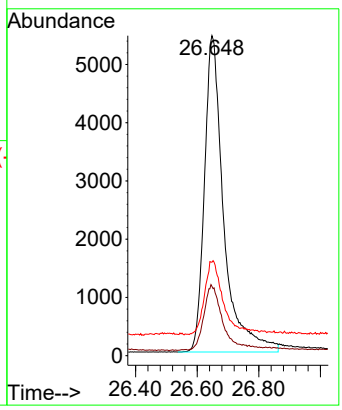


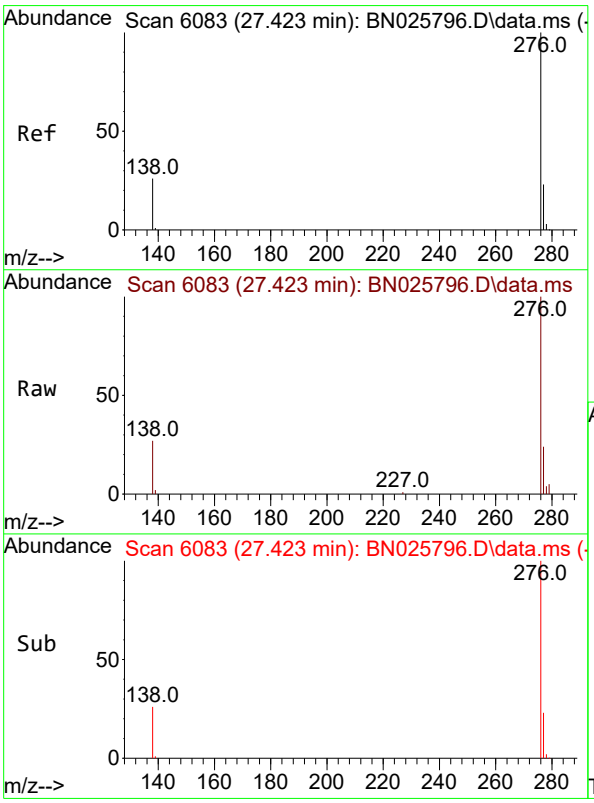
#28
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul
RT: 26.648 min Scan# 5
Delta R.T. -0.037 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 23623

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.9	26.9
279	29.2	25.3	37.9





#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 27.423 min Scan# 6083
Delta R.T. -0.026 min
Lab File: BN025796.D
Acq: 13 Jun 2023 08:45

Tgt Ion:276 Resp: 26815

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.8
277	24.2	19.4	29.2