Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028066.D
Acq On : 06 Oct 2023 02:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 06 04:27:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	5992	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	18378	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.583	164	9460	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	18621	0.400	ng/ul	-0.02
17) Chrysene-d12	21.519	240	17031	0.400	ng/ul	-0.02
23) Perylene-d12	23.977	264	19460	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3094	0.411	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	11080	0.374	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	20986	0.388	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.363	88	3059	0.384	ng/ul	96
5) Naphthalene	10.806	128	20653	0.396	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	12320	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	12701	0.373	ng/ul	99
10) Acenaphthylene	14.310	152	16993	0.396	ng/ul	100
11) Acenaphthene	14.643	153	13369	0.391	ng/ul	100
12) Fluorene	15.633	166	14503	0.382	ng/ul	99
14) Pentachlorophenol	16.970	266	1713	0.429	ng/ul	98
15) Phenanthrene	17.375	178	22004	0.396	ng/ul	99
16) Anthracene	17.468	178	20045	0.404	ng/ul	99
19) Fluoranthene	19.390	202	25274	0.389	ng/ul	99
20) Pyrene	19.757	202	26665	0.396	ng/ul	99
21) Benzo(a)anthracene	21.501	228	25313	0.407	ng/ul	99
22) Chrysene	21.557	228	25073	0.399	ng/ul	99
24) Benzo(b)fluoranthene	23.217	252	26715	0.370	ng/ul	93
25) Benzo(k)fluoranthene	23.267	252	27825	0.388	ng/ul#	93
26) Benzo(a)pyrene	23.869	252	24667	0.401	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.566	276	32349	0.435	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.582	278	26236	0.433	ng/ul#	95
29) Benzo(g,h,i)perylene	27.377	276	26803	0.440	ng/ul	97

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

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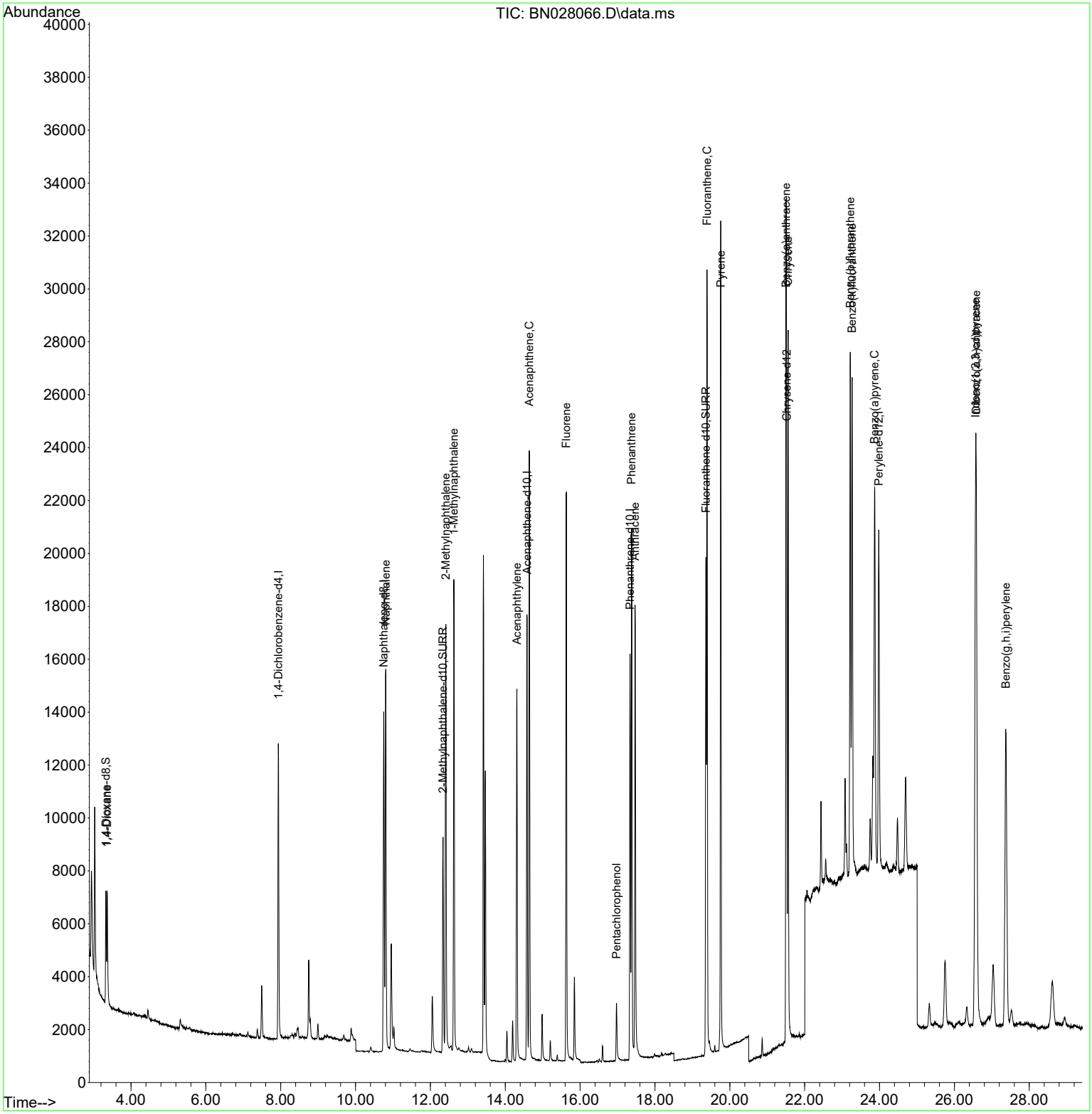
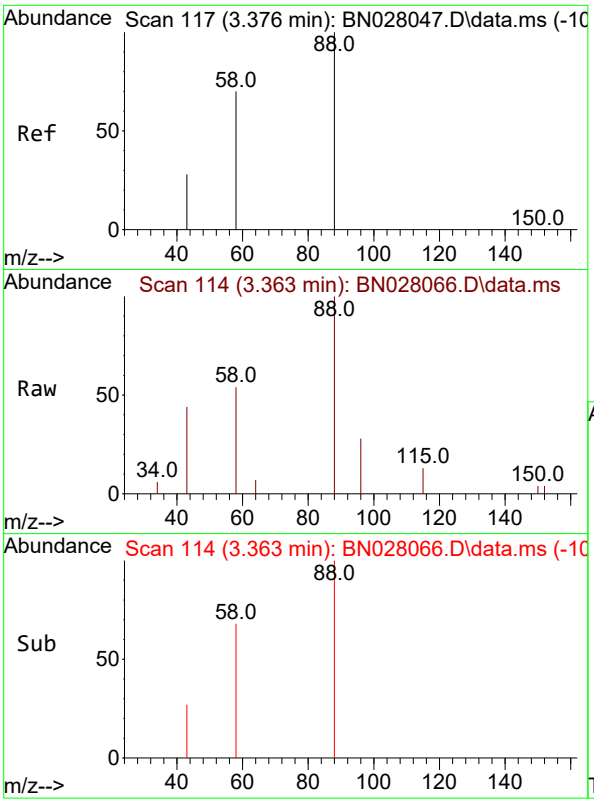


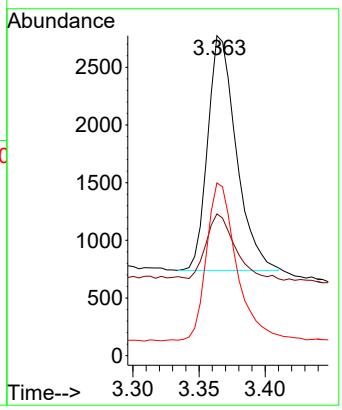


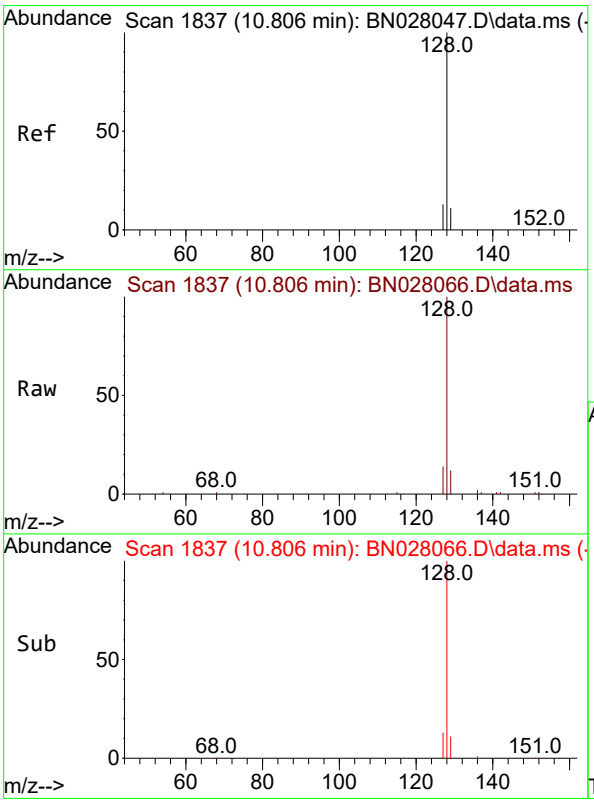
#2
1,4-Dioxane
Concen: 0.384 ng/ul
RT: 3.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 88 Resp: 3059

Ion	Ratio	Lower	Upper
88	100		
43	44.3	33.4	50.2
58	54.0	45.7	68.5

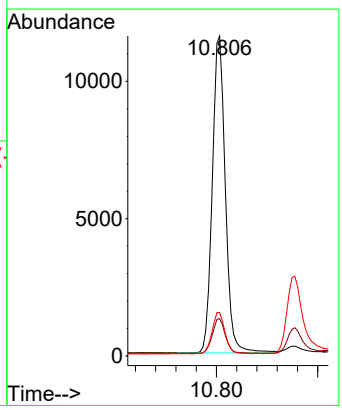


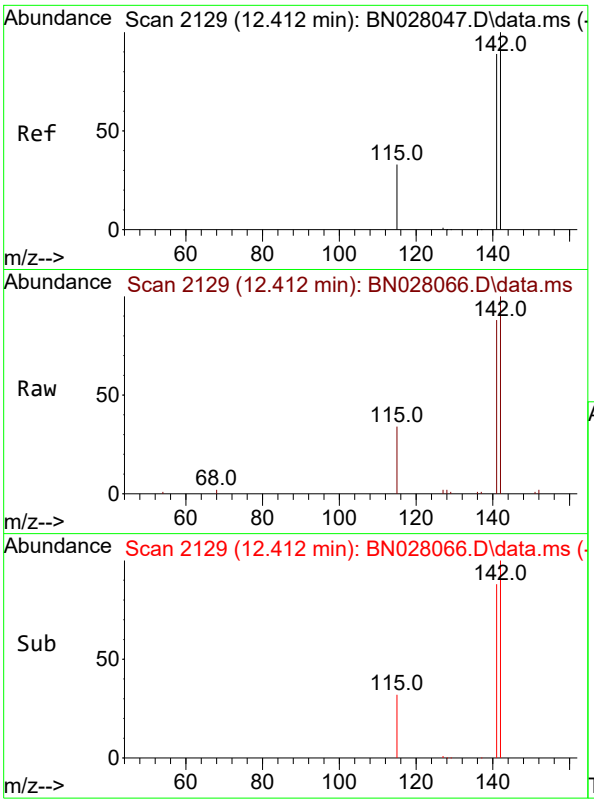


#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:128 Resp: 20653

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.6	11.0	16.4



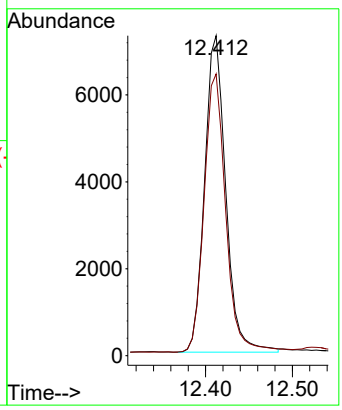


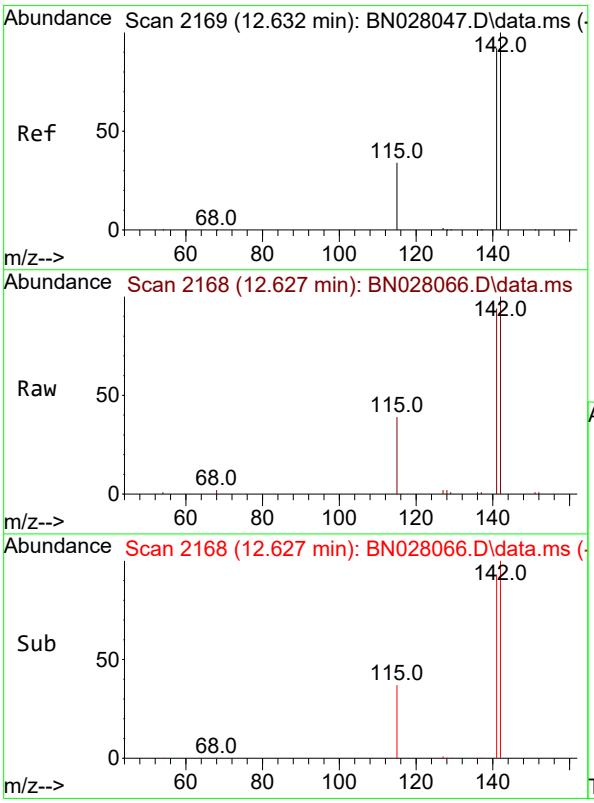
#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.412 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 12320

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.9	106.3

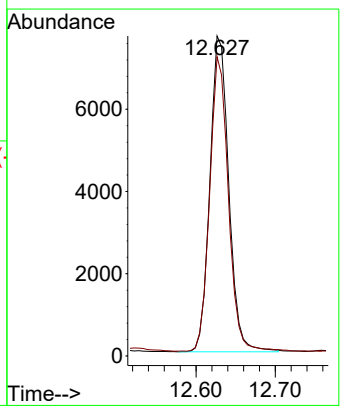


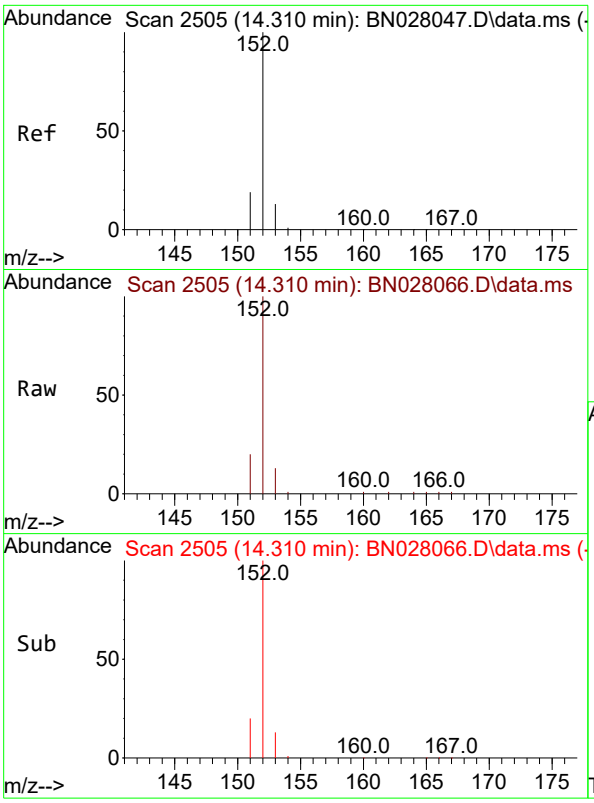


#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:142 Resp: 12701

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.4	111.6



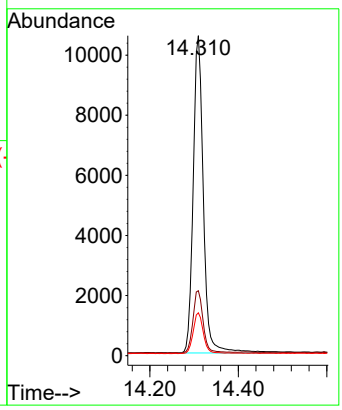


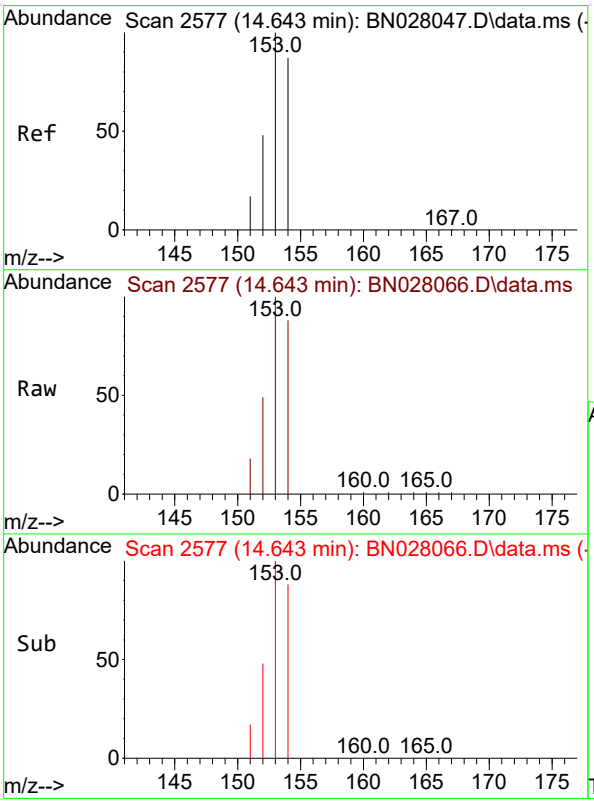
#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.310 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 16993

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.4	10.9	16.3

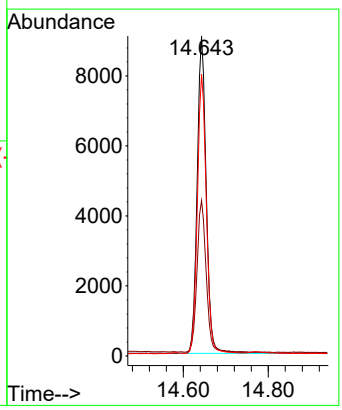


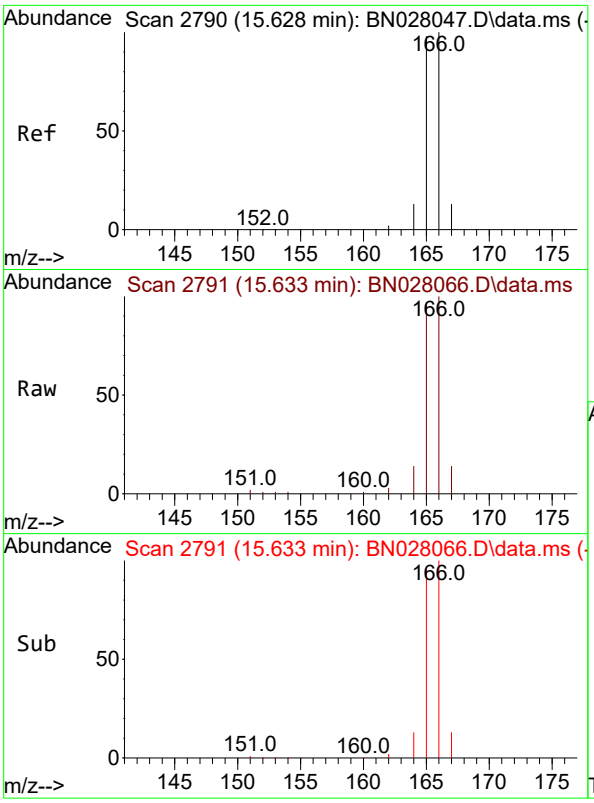


#11
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:153 Resp: 13369

Ion	Ratio	Lower	Upper
153	100		
152	48.6	39.4	59.0
154	88.0	70.2	105.4



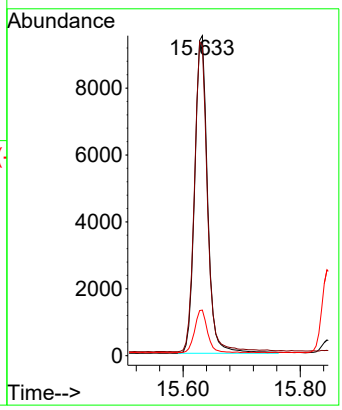


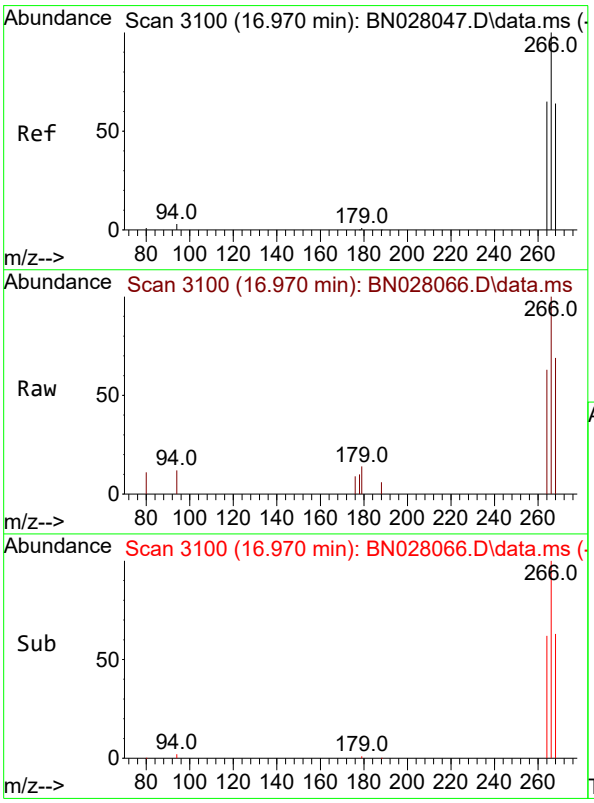
#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.633 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 14503

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.5	117.7
167	14.2	11.2	16.8

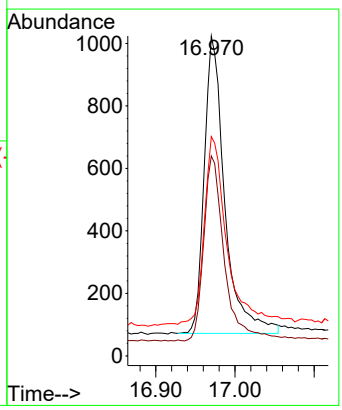


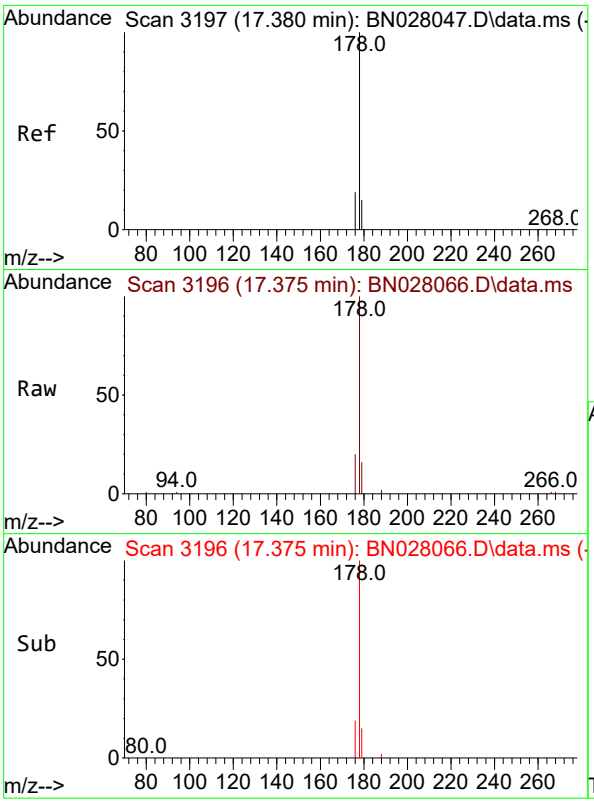


#14
Pentachlorophenol
Concen: 0.429 ng/ul
RT: 16.970 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:266 Resp: 1713

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.6	74.4
268	68.7	52.2	78.4



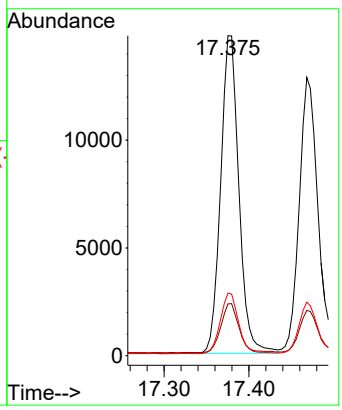


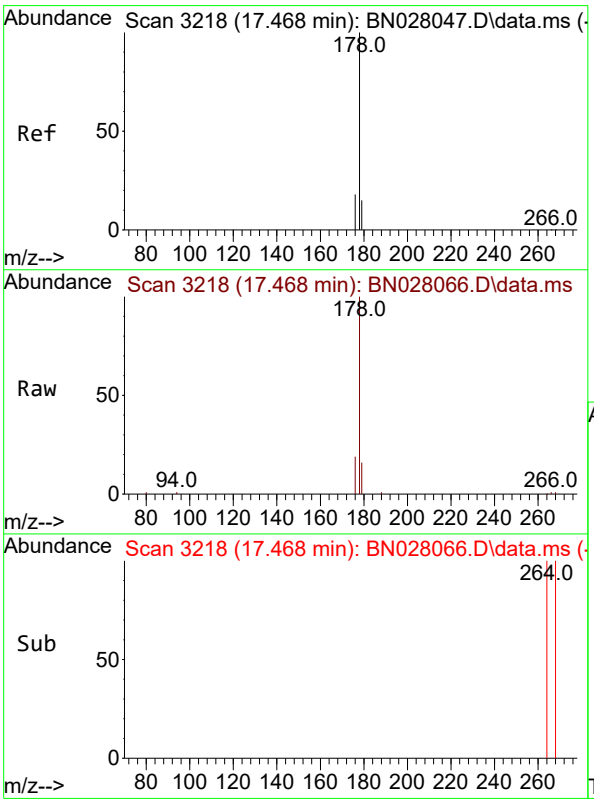
#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.375 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 22004

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.6	15.5	23.3

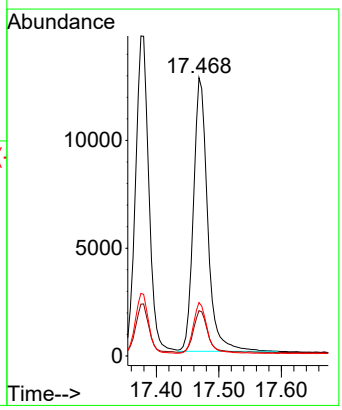


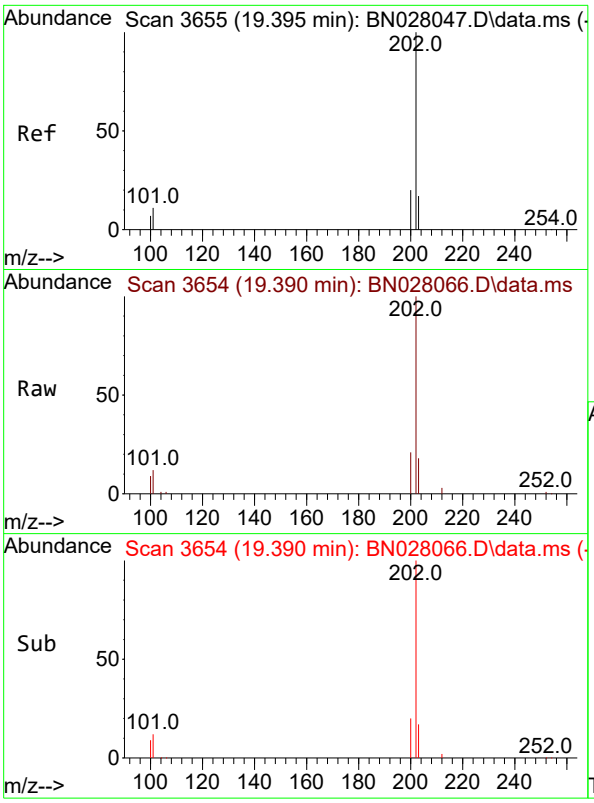


#16
Anthracene
Concen: 0.404 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:178 Resp: 20045

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.2	15.0	22.6



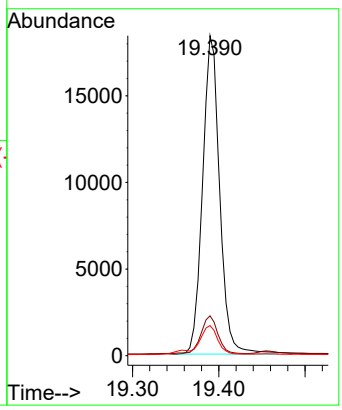


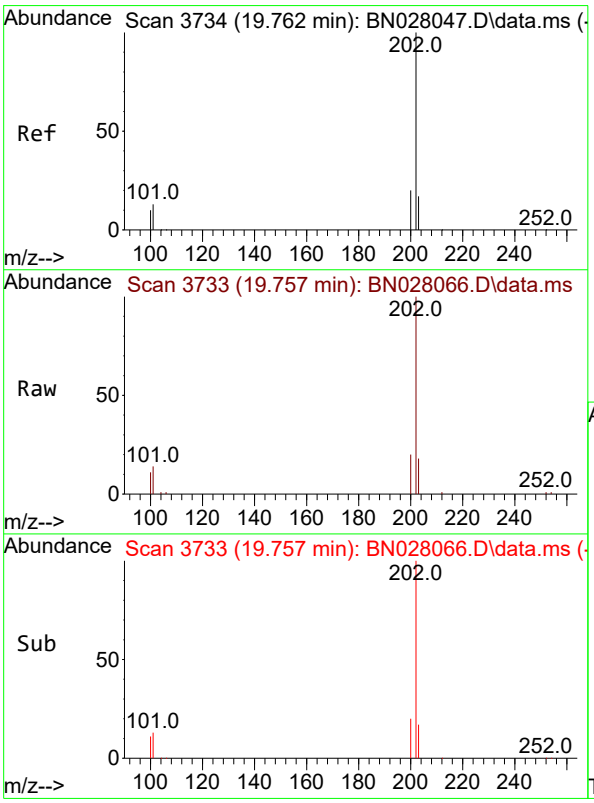
#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.390 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 25274

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
100	9.4	7.4	11.0

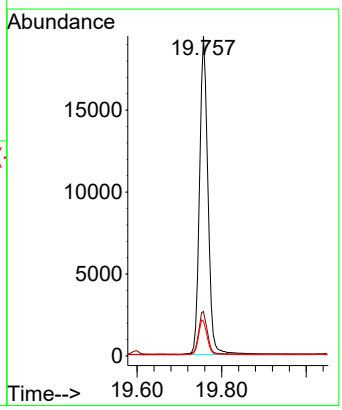


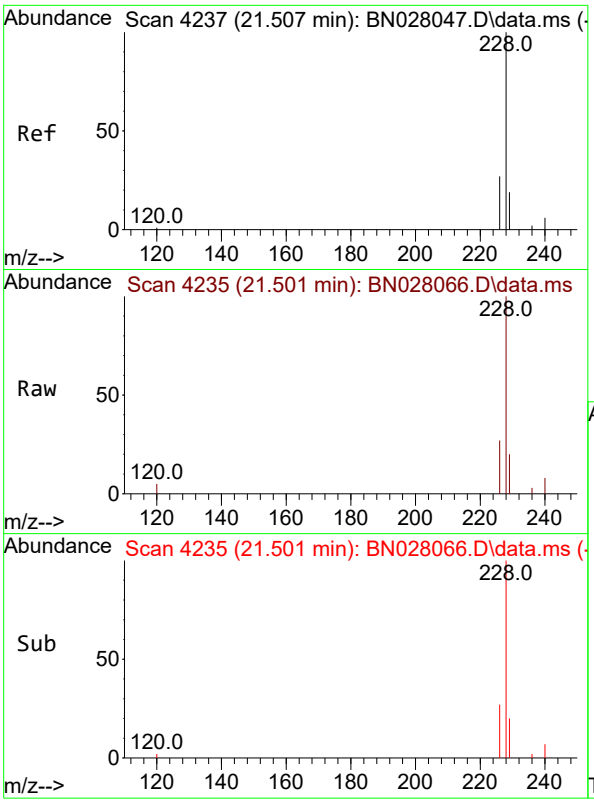


#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:202 Resp: 26665

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.2	16.8
100	10.9	9.1	13.7



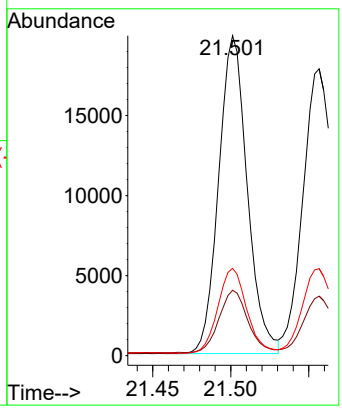


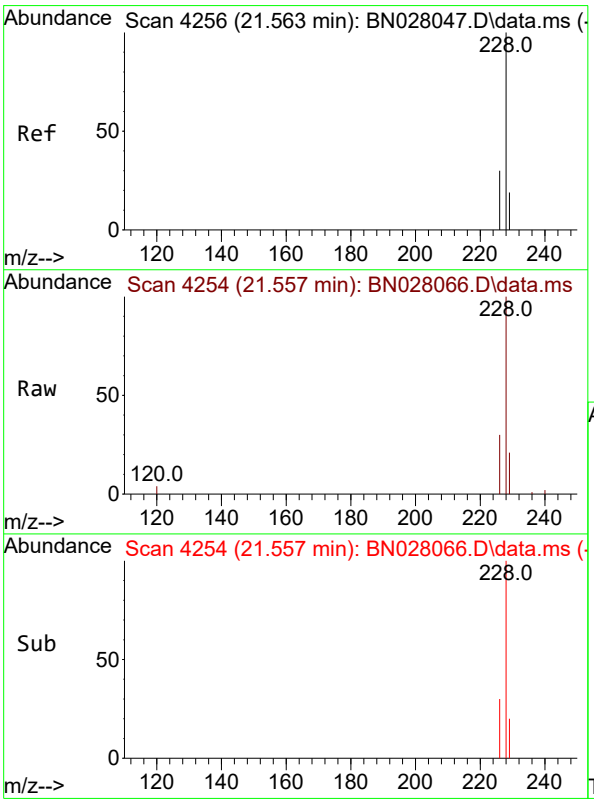
#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 25313

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	27.3	21.5	32.3

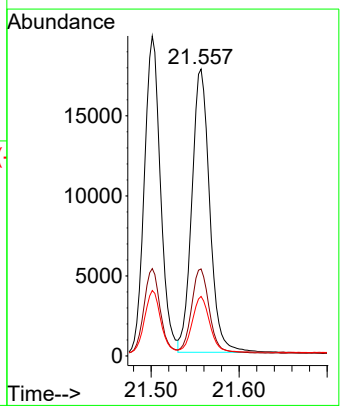


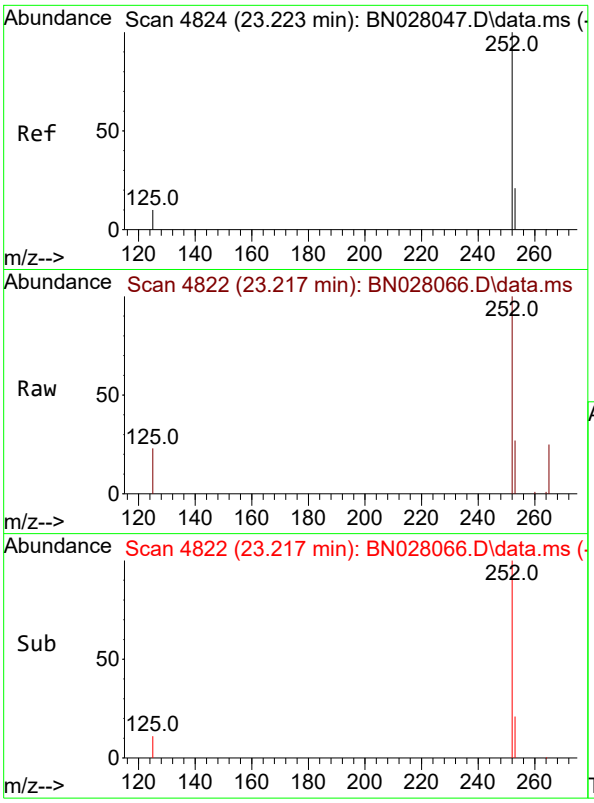


#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:228 Resp: 25073

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.7	16.0	24.0



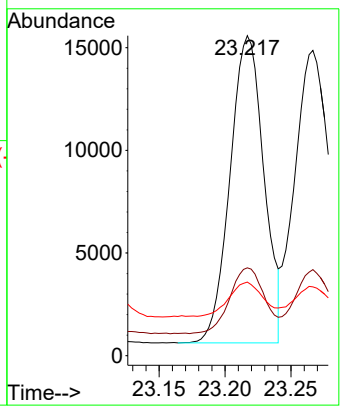


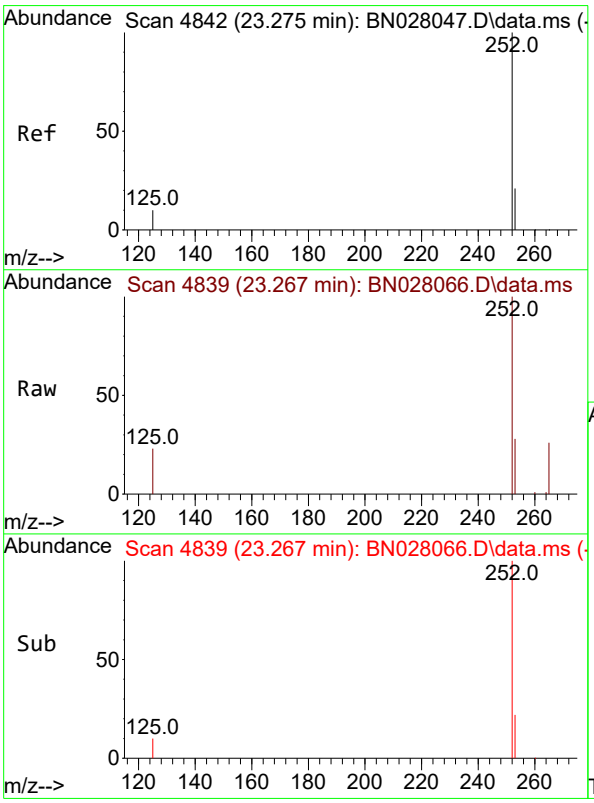
#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.217 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 26715

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	54.0
125	23.0	0.0	31.4

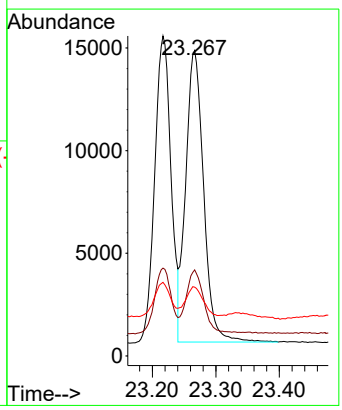


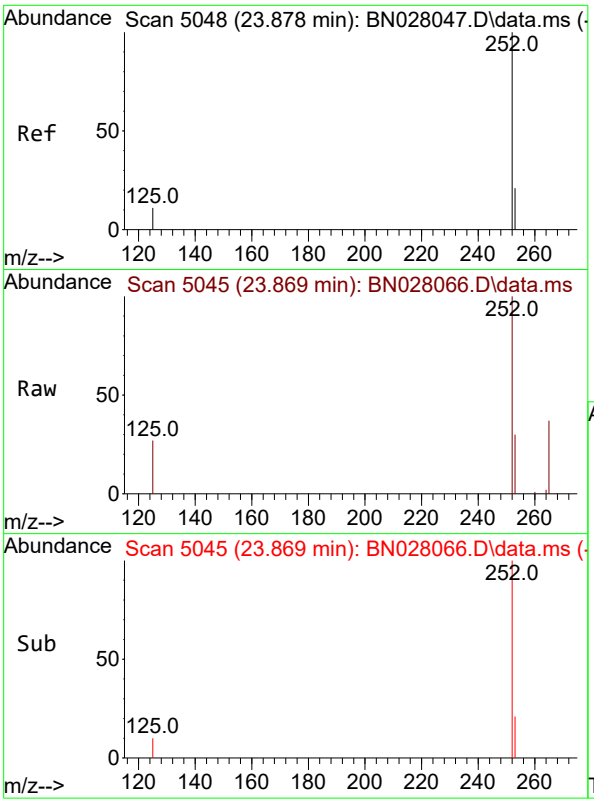


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.267 min Scan# 4839
Delta R.T. -0.023 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:252 Resp: 27825

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.8	32.8
125	22.5	12.8	19.2#



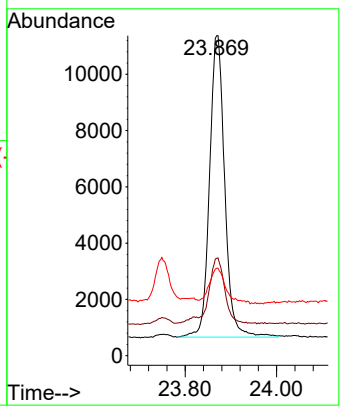


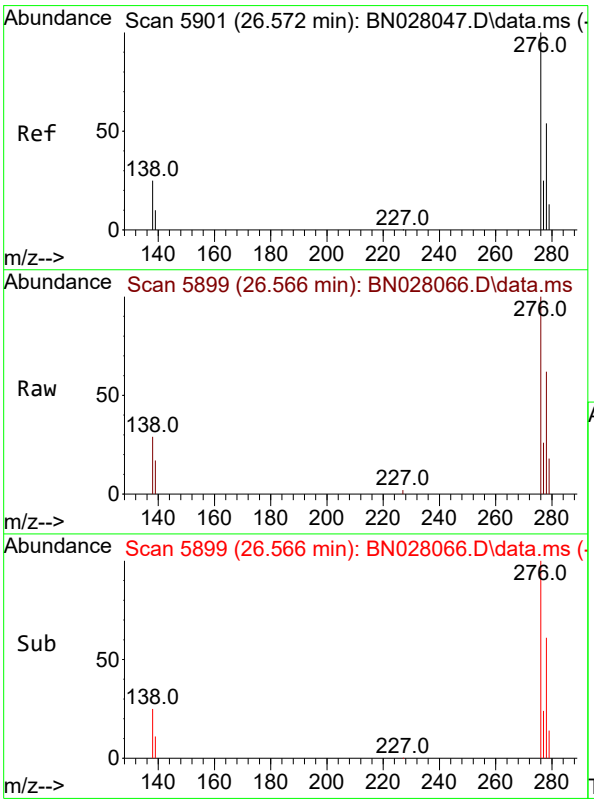
#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.869 min Scan# 5
Delta R.T. -0.026 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 24667

Ion	Ratio	Lower	Upper
252	100		
253	30.5	23.4	35.2
125	27.3	15.3	22.9#

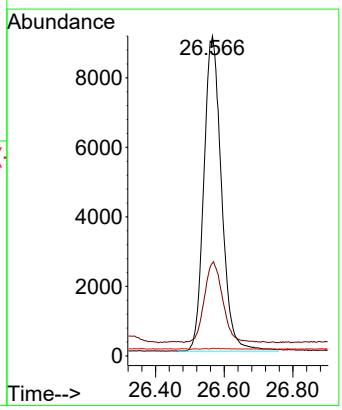


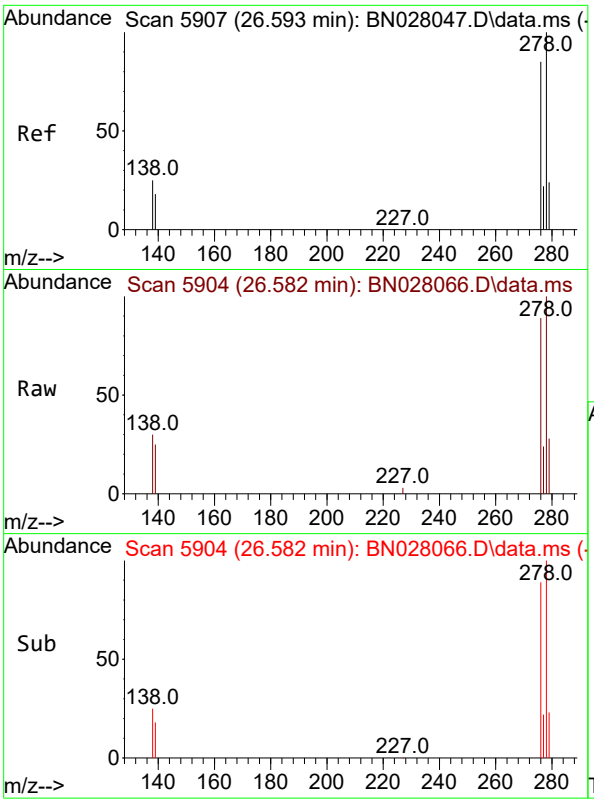


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.566 min Scan# 5899
Delta R.T. -0.037 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:276 Resp: 32349

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.6	32.4
227	0.1	0.2	0.2#



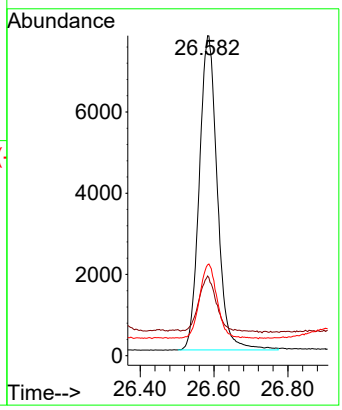


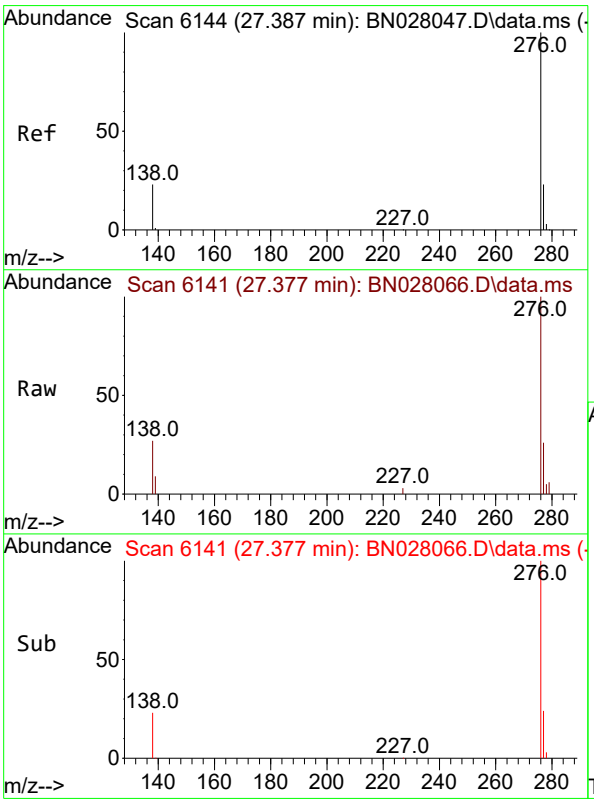
#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 26.582 min Scan# 5
Delta R.T. -0.037 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 26236

Ion	Ratio	Lower	Upper
278	100		
139	24.9	15.9	23.9#
279	28.4	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 27.377 min Scan# 6141
Delta R.T. -0.043 min
Lab File: BN028066.D
Acq: 06 Oct 2023 02:26

Tgt Ion:276 Resp: 26803

Ion	Ratio	Lower	Upper
276	100		
138	27.4	19.8	29.6
277	26.0	20.6	31.0