Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028064.D
Acq On : 06 Oct 2023 00:36
Operator : MA/JU
Sample : PB155952BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 06 04:26:51 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	7.941	152	5272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15985	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.583	164	8386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	16878	0.400	ng/ul	-0.01
17) Chrysene-d12	21.519	240	15316	0.400	ng/ul	#-0.02
23) Perylene-d12	23.980	264	17621	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3625	0.547	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	6945	0.270	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	14302	0.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	9435	1.346	ng/ul	90
5) Naphthalene	10.806	128	12966	0.286	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	7833	0.273	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	8033	0.271	ng/ul	99
10) Acenaphthylene	14.310	152	11085	0.291	ng/ul	99
11) Acenaphthene	14.643	153	8526	0.282	ng/ul	99
12) Fluorene	15.633	166	9459	0.281	ng/ul	98
14) Pentachlorophenol	16.974	266	2403	0.664	ng/ul	98
15) Phenanthrene	17.380	178	14443	0.287	ng/ul	97
16) Anthracene	17.473	178	14032	0.312	ng/ul	98
19) Fluoranthene	19.394	202	17648	0.302	ng/ul	100
20) Pyrene	19.757	202	18468	0.305	ng/ul	97
21) Benzo(a)anthracene	21.501	228	17575	0.314	ng/ul	95
22) Chrysene	21.557	228	17332	0.307	ng/ul#	94
24) Benzo(b)fluoranthene	23.217	252	18806	0.288	ng/ul#	34
25) Benzo(k)fluoranthene	23.267	252	19076	0.293	ng/ul#	34
26) Benzo(a)pyrene	23.869	252	17142	0.308	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	26.563	276	23502	0.349	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.583	278	19278	0.352	ng/ul#	53
29) Benzo(g,h,i)perylene	27.374	276	18640	0.338	ng/ul#	72

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

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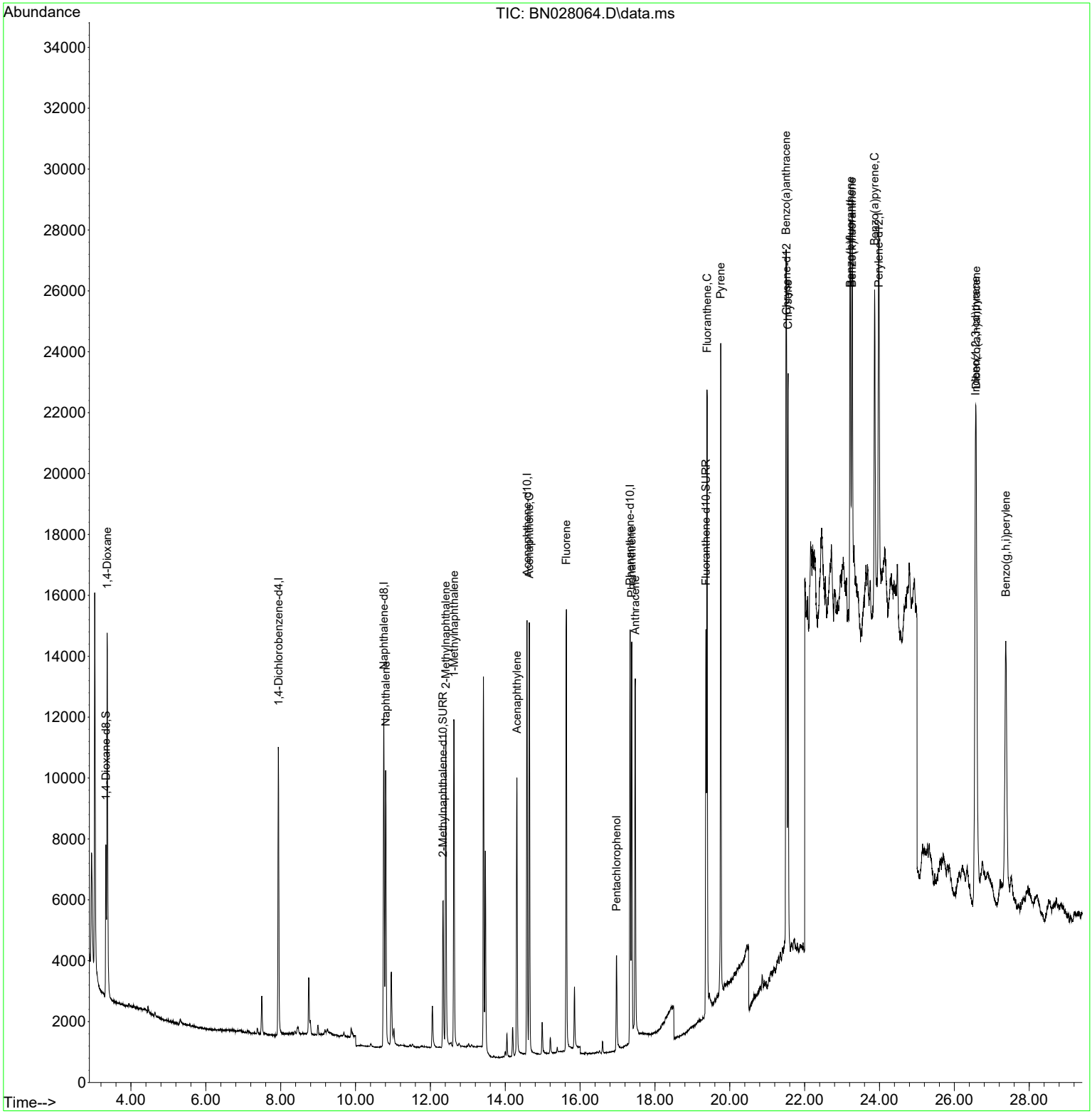
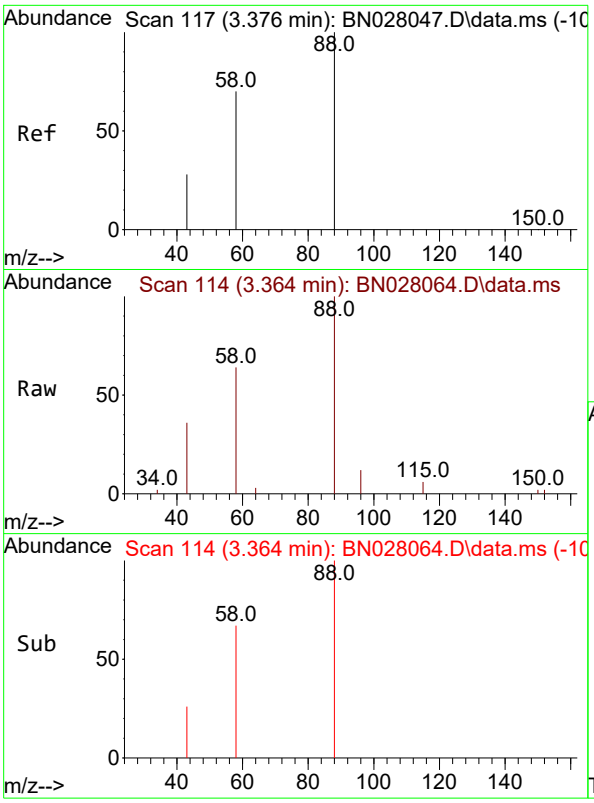
Quant Time: Oct 06 04:26:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration



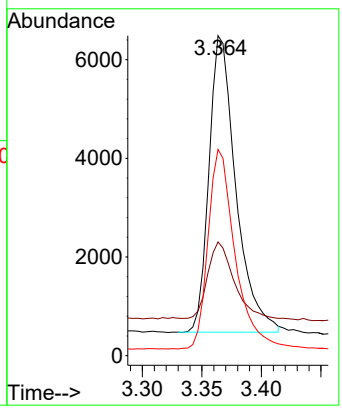


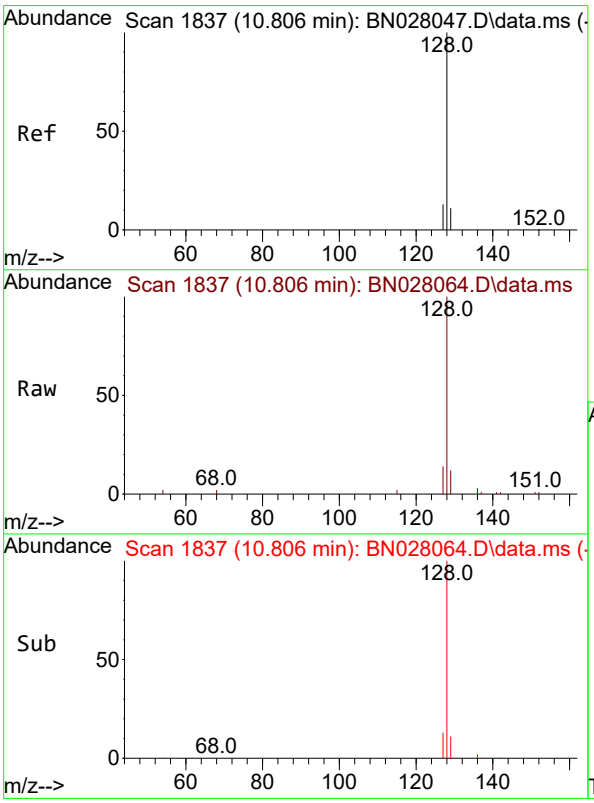
#2
1,4-Dioxane
Concen: 1.346 ng/ul
RT: 3.364 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 88 Resp: 9435

Ion	Ratio	Lower	Upper
88	100		
43	35.5	33.4	50.2
58	64.5	45.7	68.5

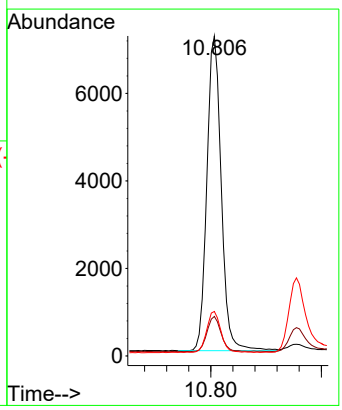


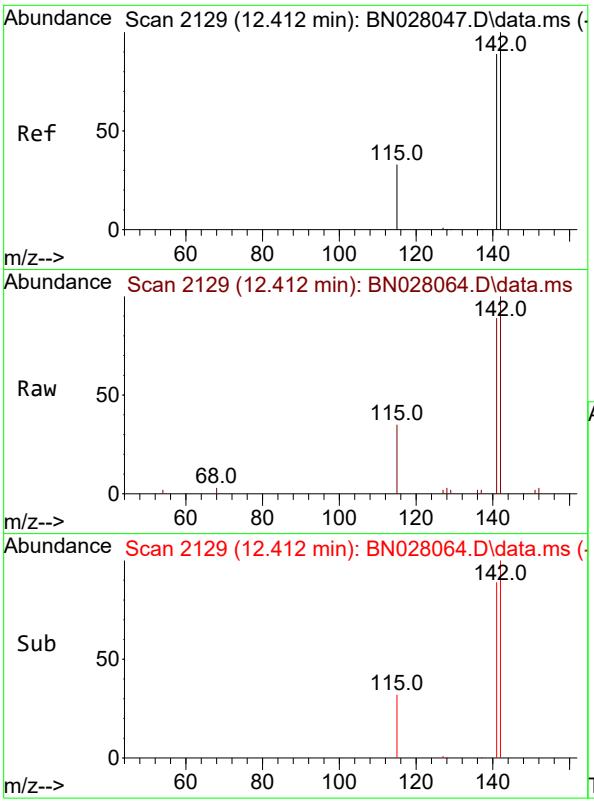


#5
Naphthalene
Concen: 0.286 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.011 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:128 Resp: 12966

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.4	14.0
127	13.9	11.0	16.4



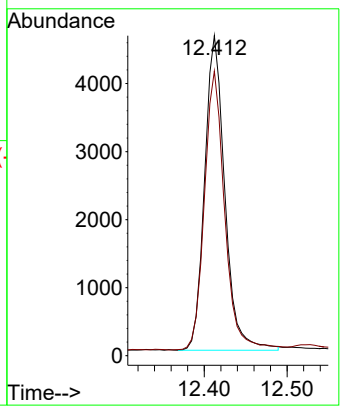


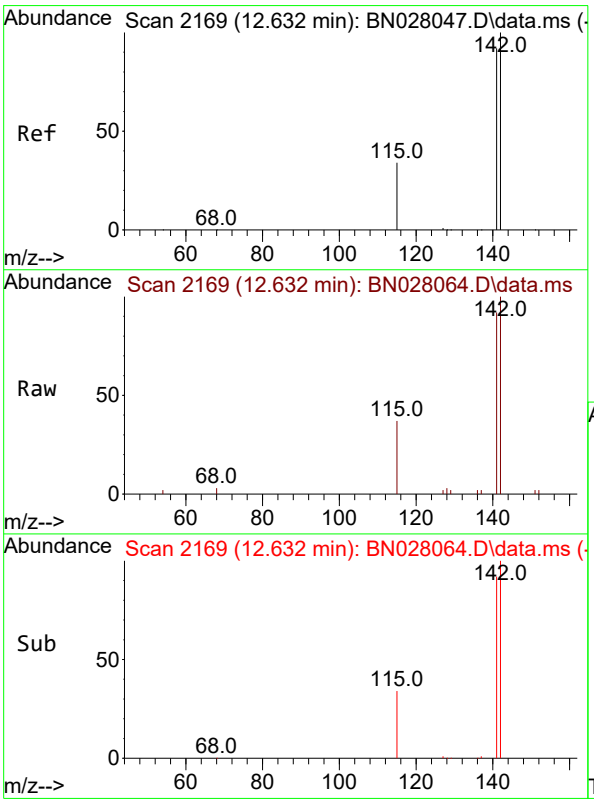
#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.412 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 7833

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3

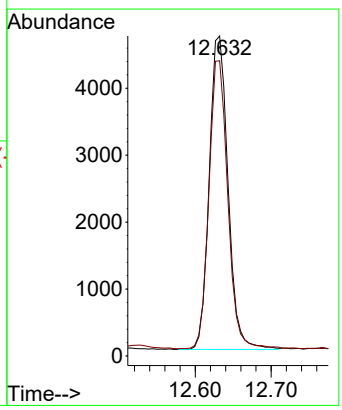


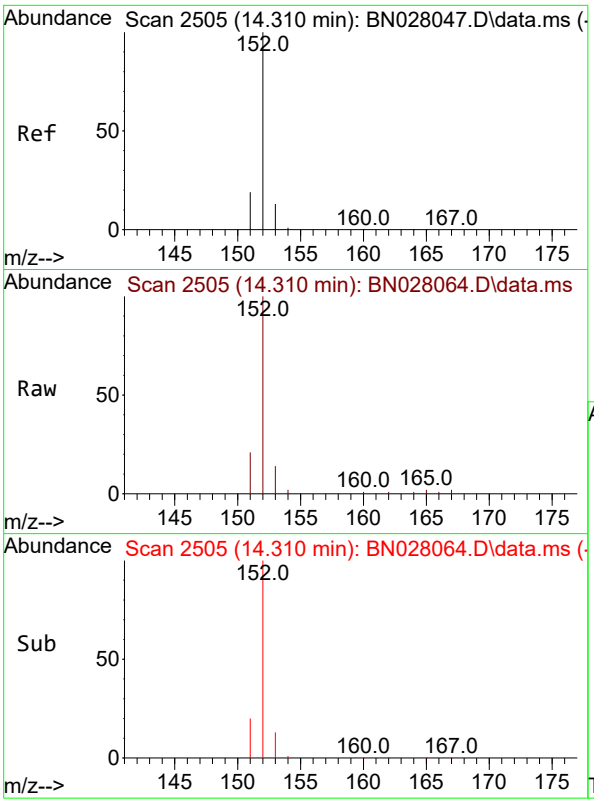


#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:142 Resp: 8033

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.4	111.6



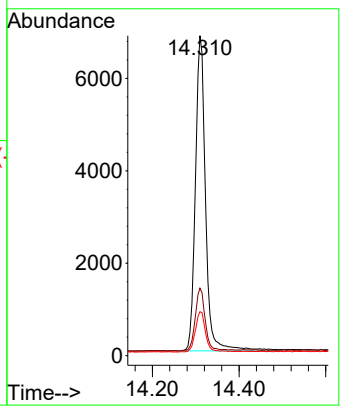


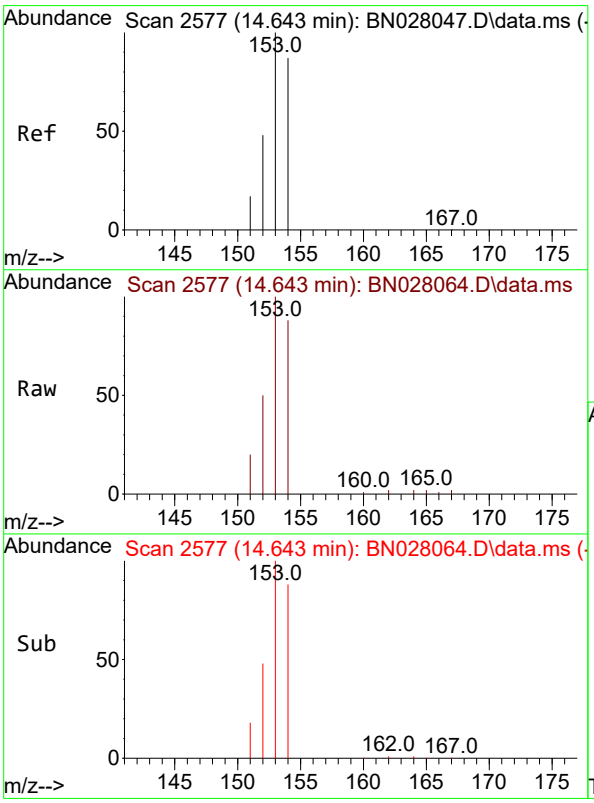
#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.310 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 11085

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.4	24.6
153	13.7	10.9	16.3

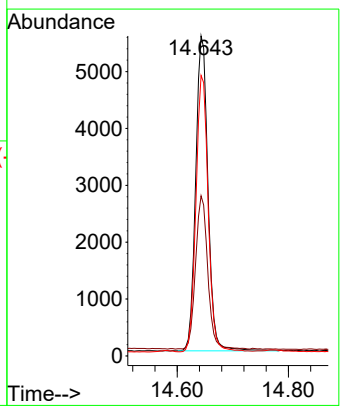


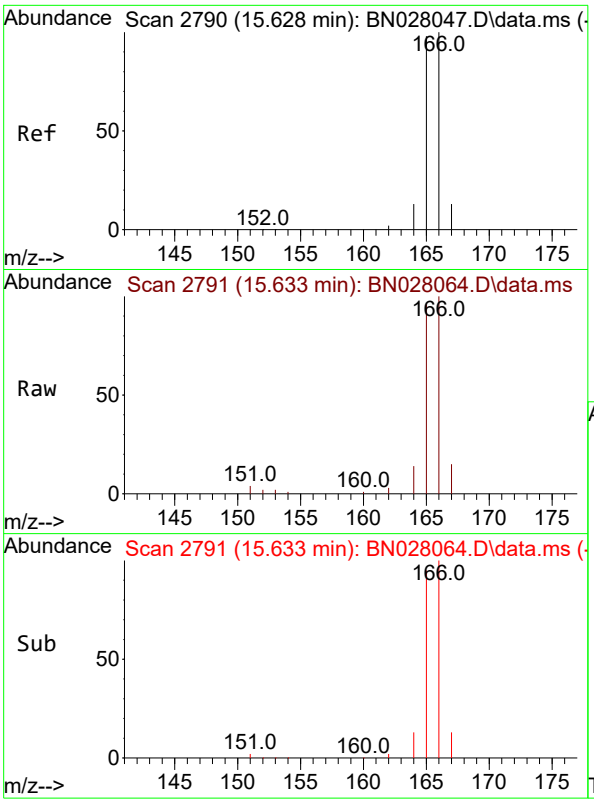


#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.014 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:153 Resp: 8526

Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.4	59.0
154	87.7	70.2	105.4



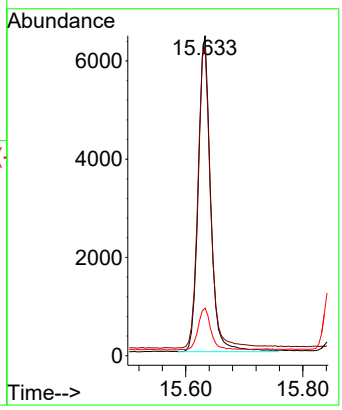


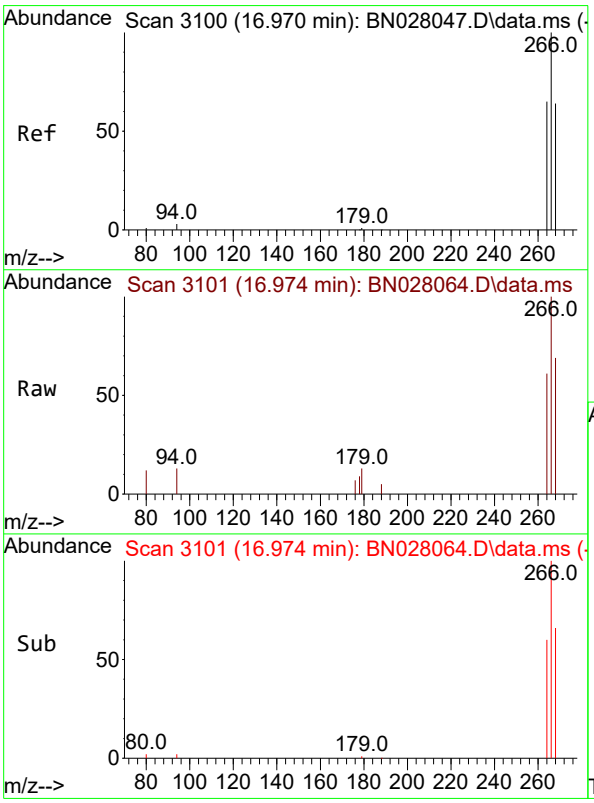
#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.633 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 9459

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.5	117.7
167	14.8	11.2	16.8

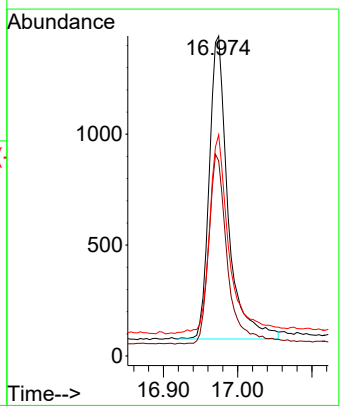


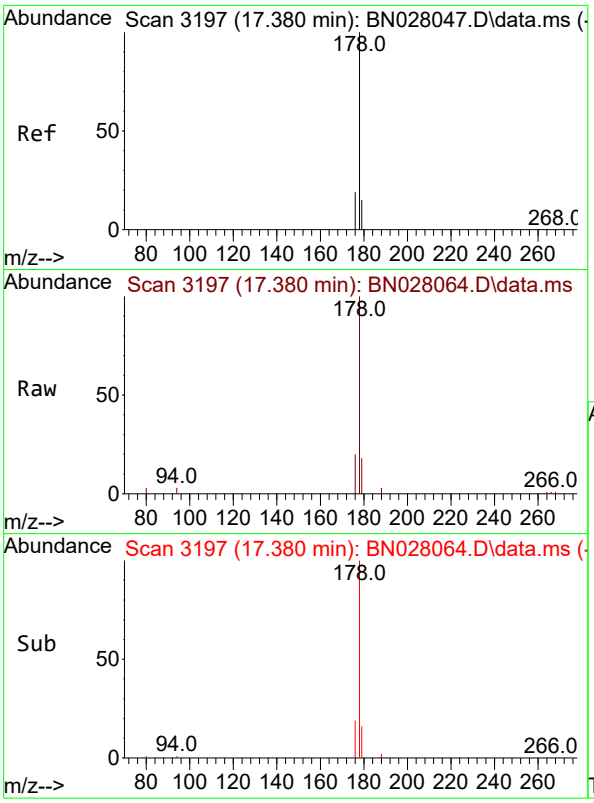


#14
Pentachlorophenol
Concen: 0.664 ng/ul
RT: 16.974 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:266 Resp: 2403

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.6	74.4
268	68.3	52.2	78.4



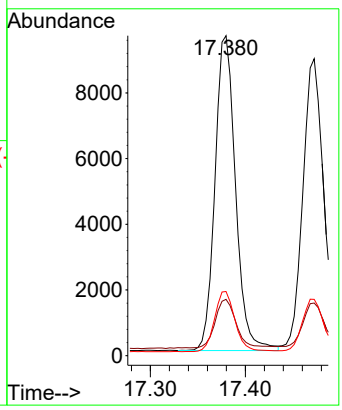


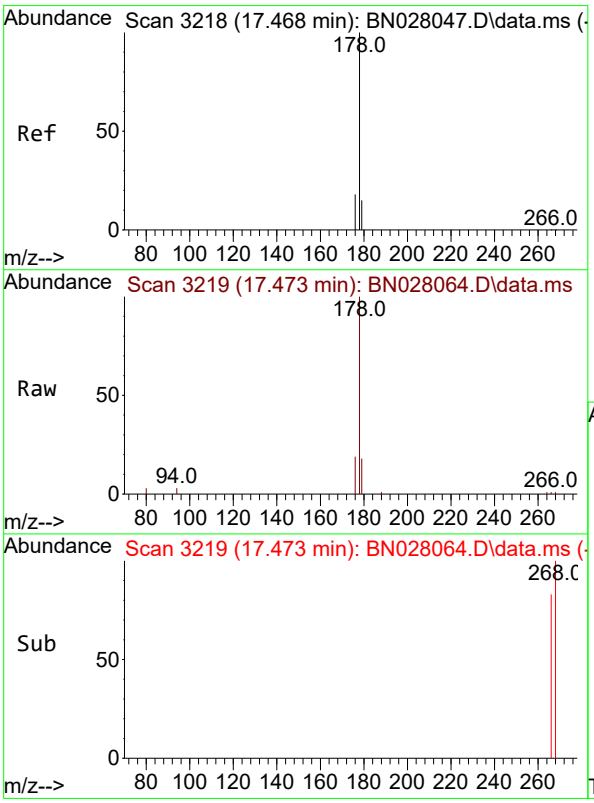
#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.380 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 14443

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	19.0
176	20.1	15.5	23.3

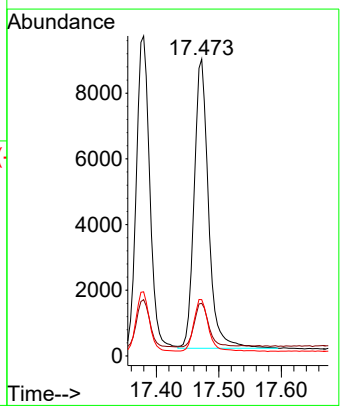


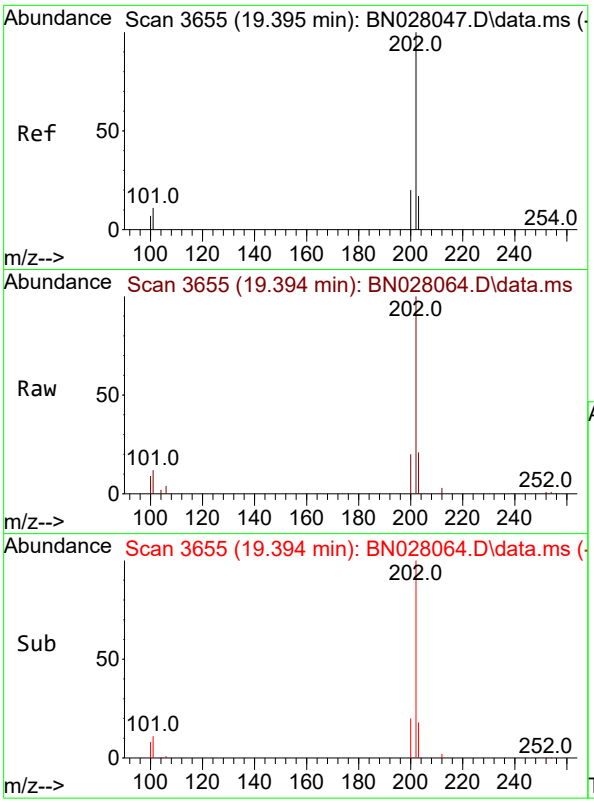


#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.473 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:178 Resp: 14032

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.8	19.2
176	19.0	15.0	22.6



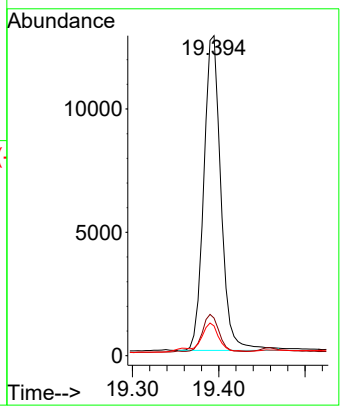


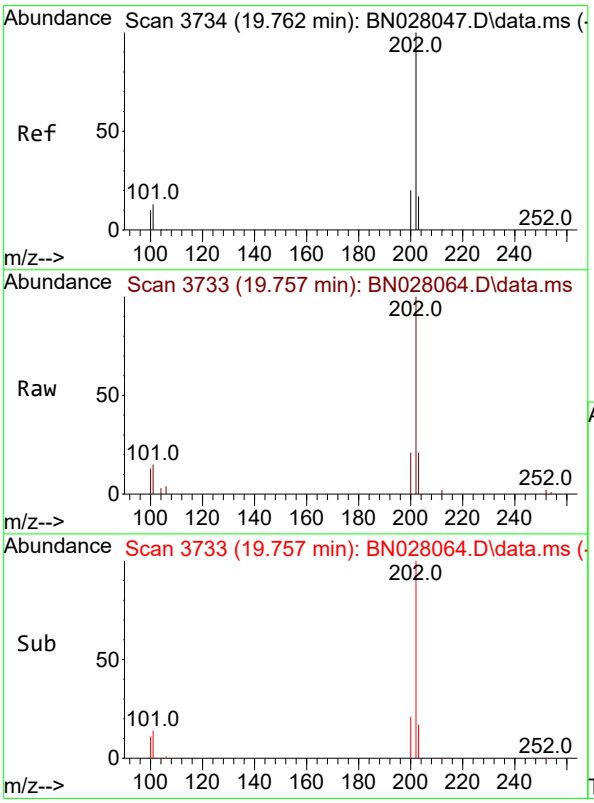
#19
Fluoranthene
Concen: 0.302 ng/ul
RT: 19.394 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 17648

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
100	9.3	7.4	11.0

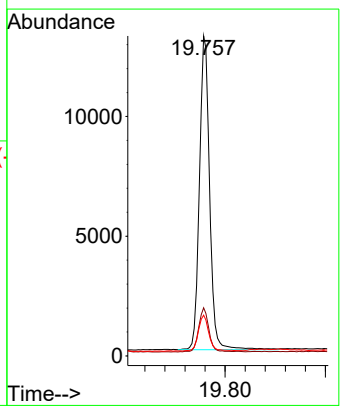


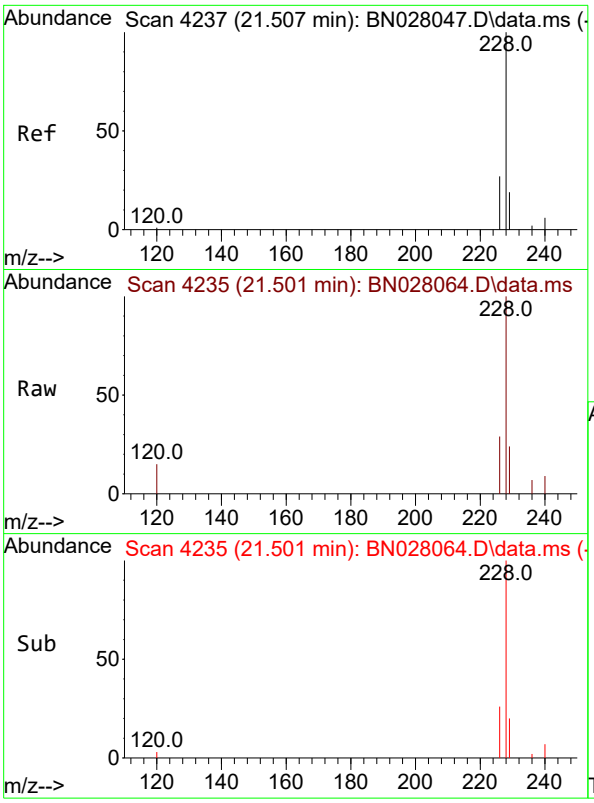


#20
Pyrene
Concen: 0.305 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.014 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:202 Resp: 18468

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.2	16.8
100	12.7	9.1	13.7



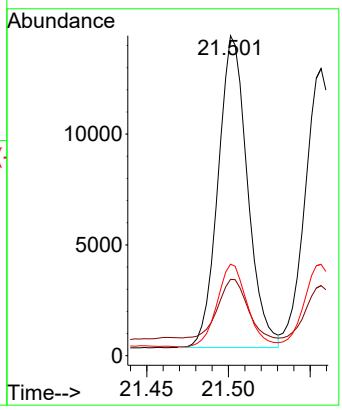


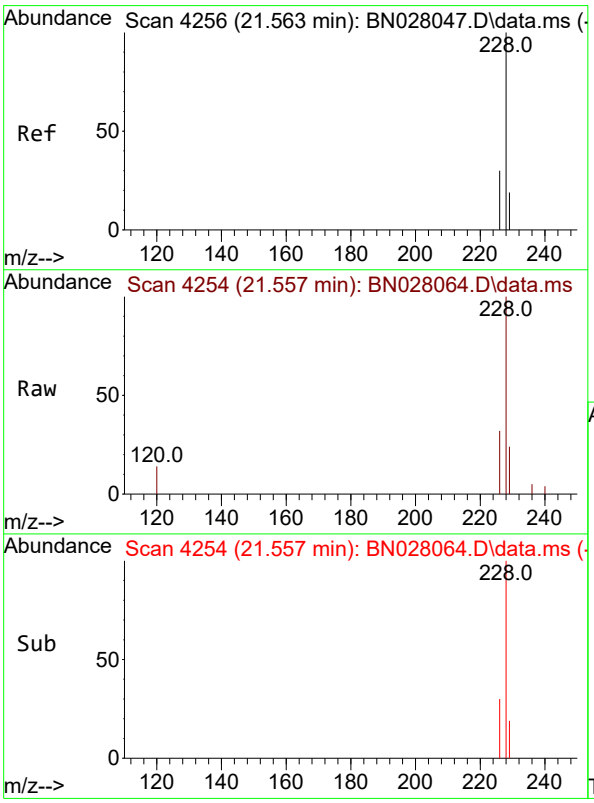
#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.501 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 17575

Ion	Ratio	Lower	Upper
228	100		
229	23.8	16.0	24.0
226	28.6	21.5	32.3

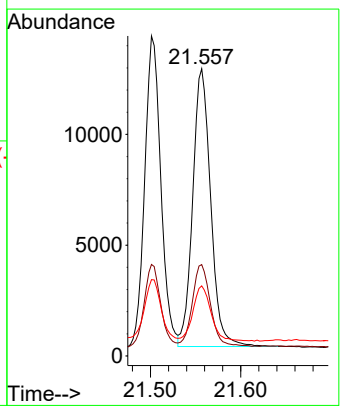


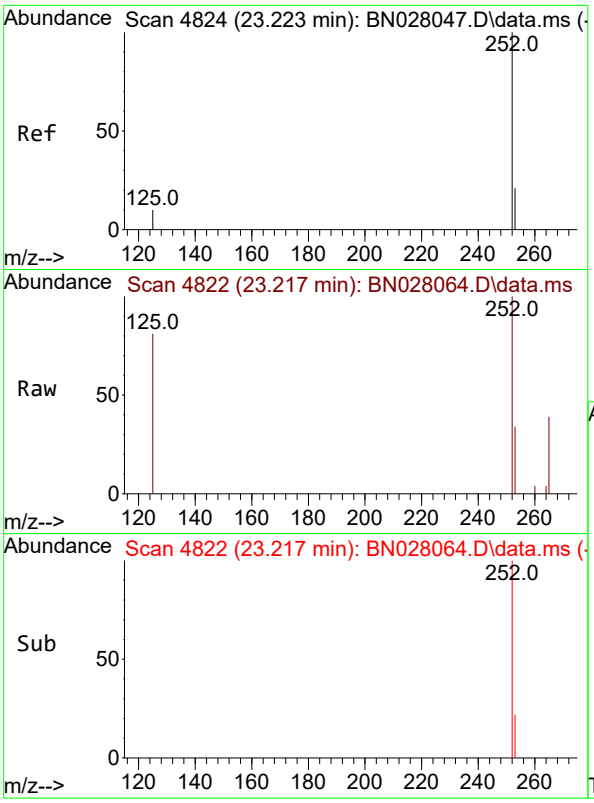


#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.017 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:228 Resp: 17332

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.8
229	24.4	16.0	24.0#



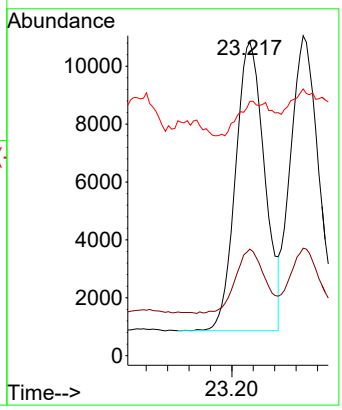


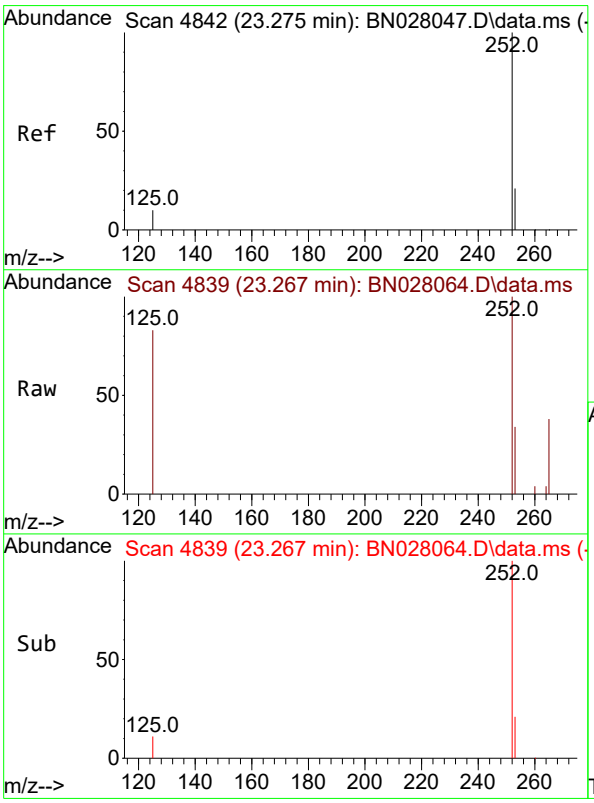
#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 23.217 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 18806

Ion	Ratio	Lower	Upper
252	100		
253	34.0	0.0	54.0
125	81.1	0.0	31.4#

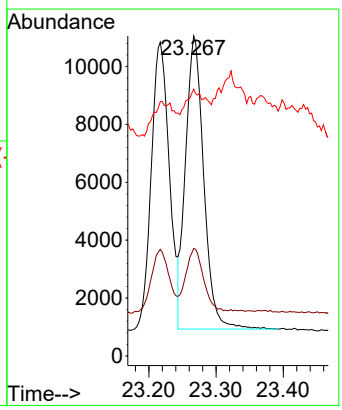


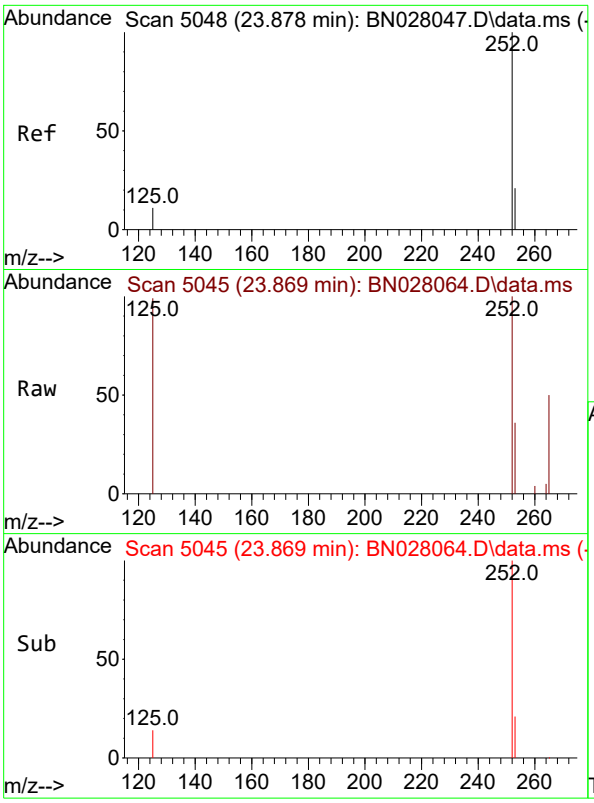


#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul
RT: 23.267 min Scan# 4839
Delta R.T. -0.023 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:252 Resp: 19076

Ion	Ratio	Lower	Upper
252	100		
253	33.6	21.8	32.8#
125	83.3	12.8	19.2#



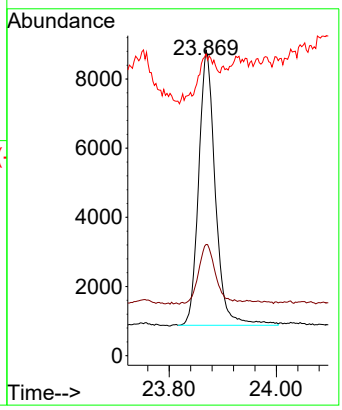


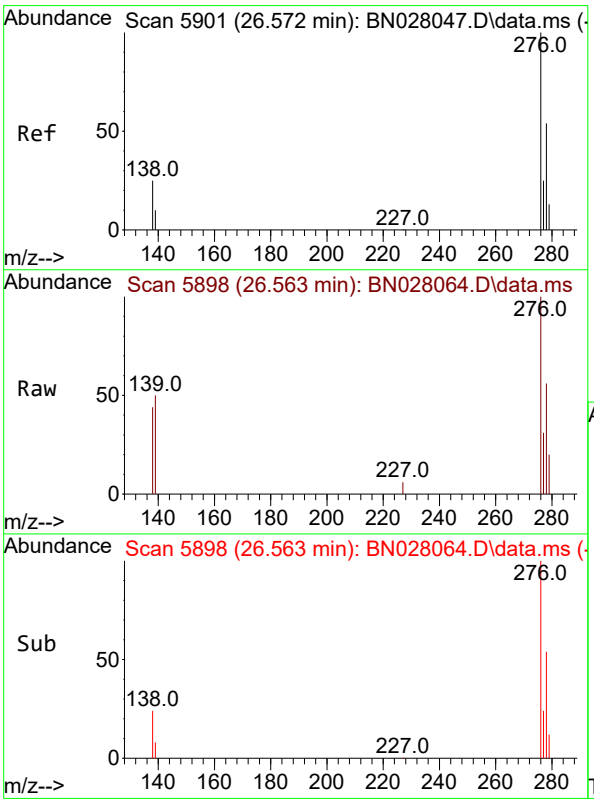
#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 23.869 min Scan# 5
Delta R.T. -0.026 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 17142

Ion	Ratio	Lower	Upper
252	100		
253	36.4	23.4	35.2#
125	98.7	15.3	22.9#

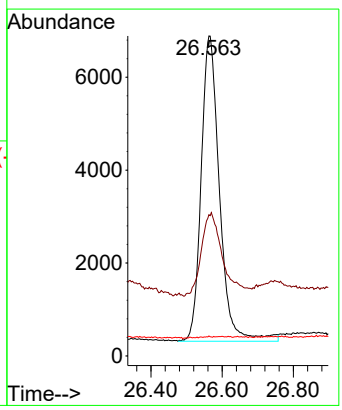


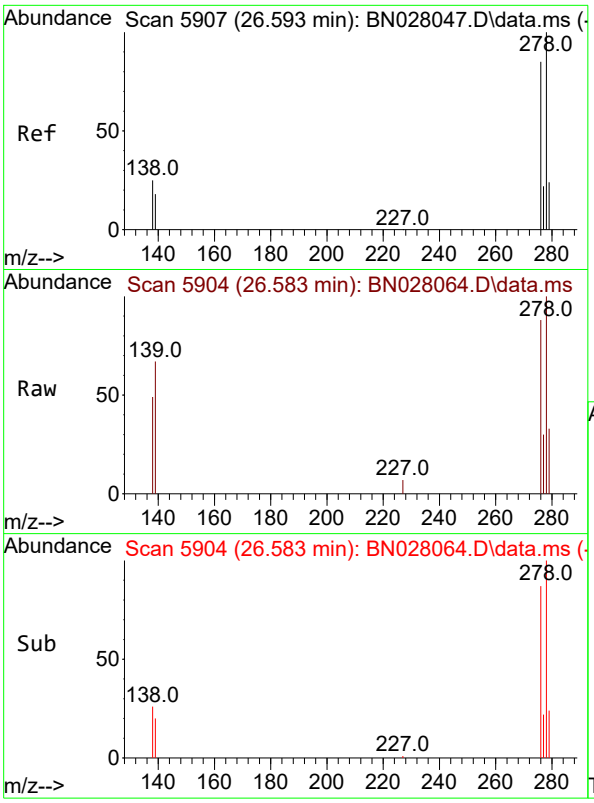


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.563 min Scan# 5898
Delta R.T. -0.040 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:276 Resp: 23502

Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.6	32.4
227	0.1	0.2	0.2#



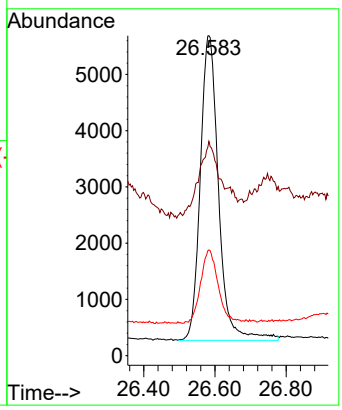


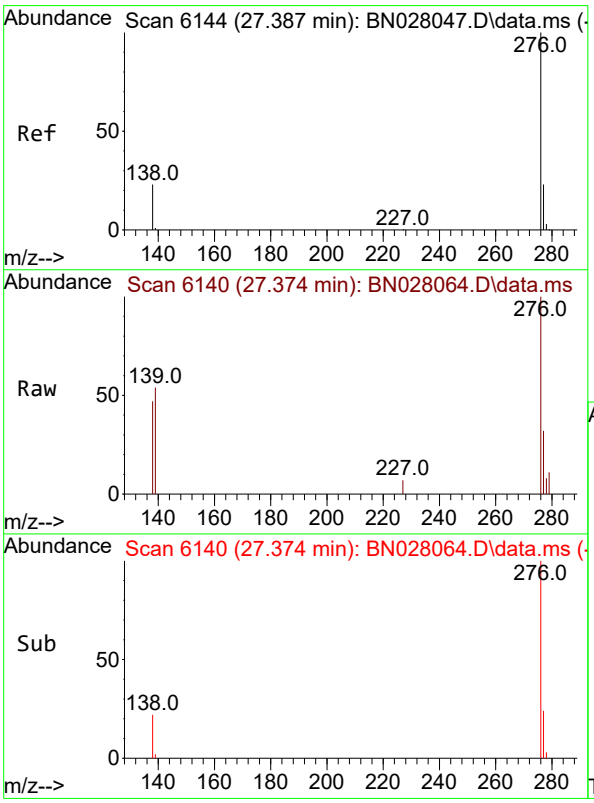
#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.583 min Scan# 5
Delta R.T. -0.036 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 19278

Ion	Ratio	Lower	Upper
278	100		
139	67.0	15.9	23.9#
279	33.0	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 27.374 min Scan# 6140
Delta R.T. -0.046 min
Lab File: BN028064.D
Acq: 06 Oct 2023 00:36

Tgt Ion:276 Resp: 18640

Ion	Ratio	Lower	Upper
276	100		
138	47.2	19.8	29.6#
277	31.5	20.6	31.0#