Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027066.D
Acq On : 23 Aug 2023 17:51
Operator : MA/JU
Sample : PB154938BS
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 24 01:39:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	6195	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	17759	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.722	164	11540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	26627	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	21826	0.400	ng/ul	0.00
23) Perylene-d12	24.181	264	21074	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5391	0.733	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	11212	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	28661	0.416	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	11913	1.587	ng/ul#	95
5) Naphthalene	10.971	128	15531	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	10665	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	11915	0.374	ng/ul	99
10) Acenaphthylene	14.449	152	17032	0.263	ng/ul	99
11) Acenaphthene	14.782	153	13266	0.296	ng/ul	99
12) Fluorene	15.762	166	15111	0.299	ng/ul	99
14) Pentachlorophenol	17.092	266	3554	0.472	ng/ul	100
15) Phenanthrene	17.510	178	25188	0.288	ng/ul	100
16) Anthracene	17.603	178	21707	0.275	ng/ul	100
19) Fluoranthene	19.515	202	29934	0.330	ng/ul	98
20) Pyrene	19.878	202	31033	0.321	ng/ul	100
21) Benzo(a)anthracene	21.624	228	25831	0.298	ng/ul	100
22) Chrysene	21.679	228	27227	0.318	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	27336	0.343	ng/ul	95
25) Benzo(k)fluoranthene	23.442	252	27272	0.347	ng/ul#	93
26) Benzo(a)pyrene	24.064	252	22276	0.310	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.857	276	26160	0.278	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.891	278	20638	0.275	ng/ul	96
29) Benzo(g,h,i)perylene	27.702	276	21921	0.280	ng/ul	98

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

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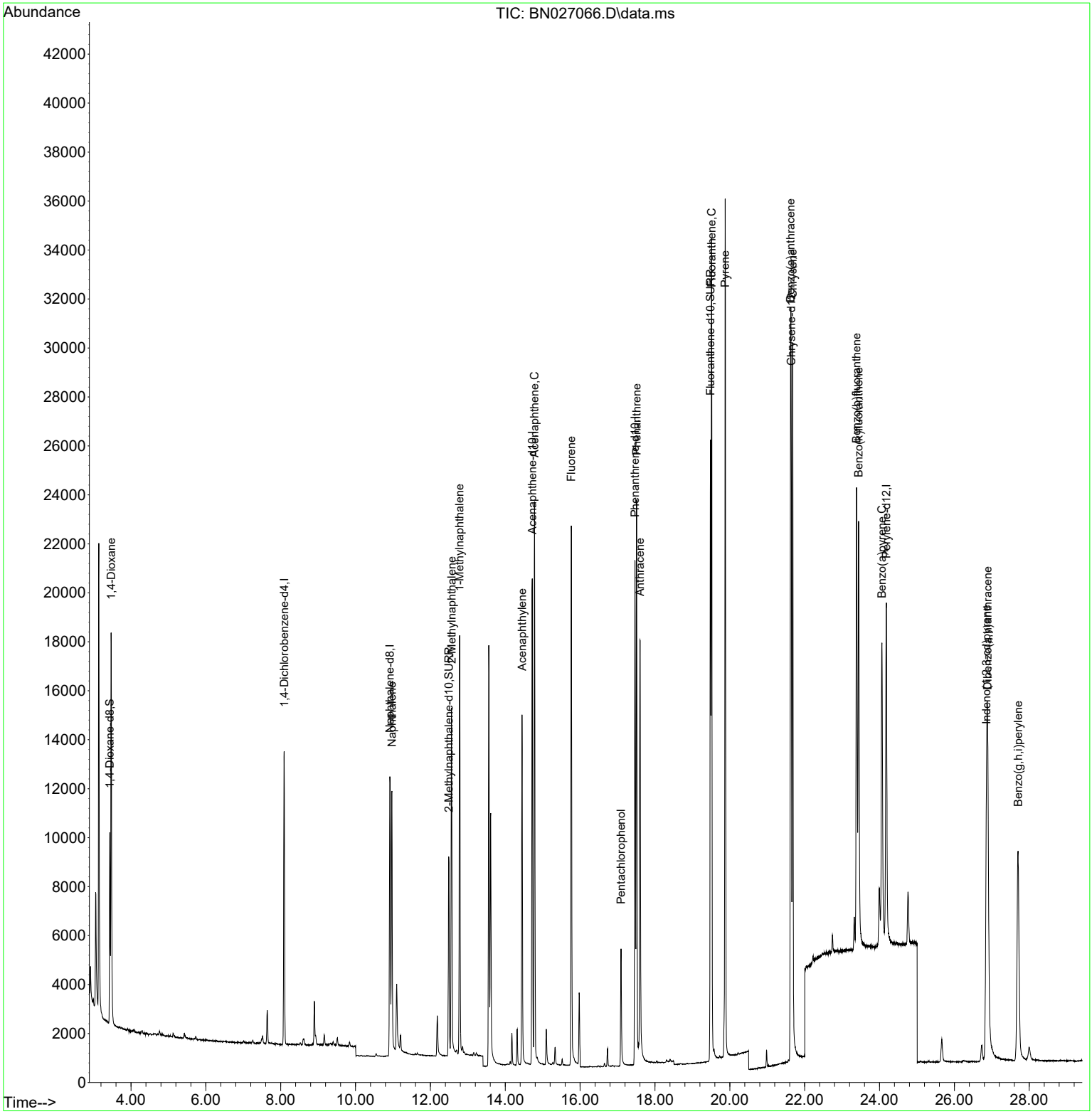
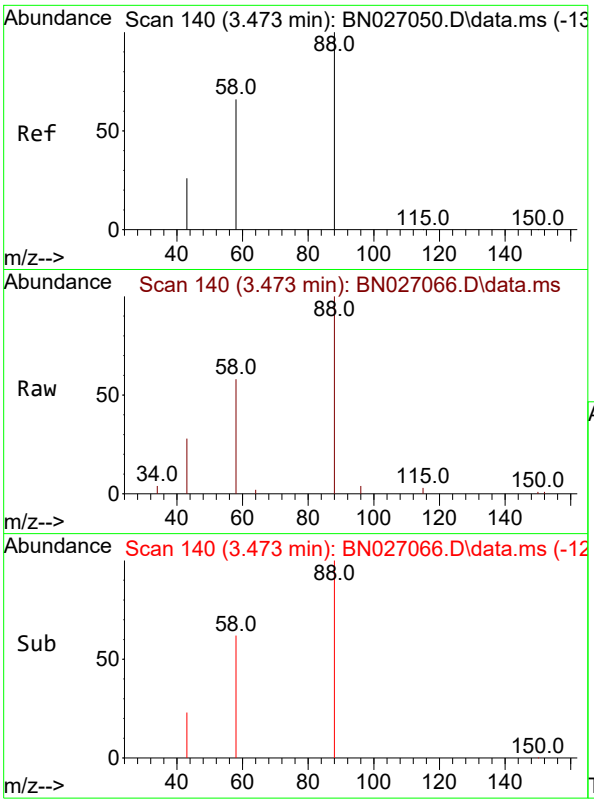


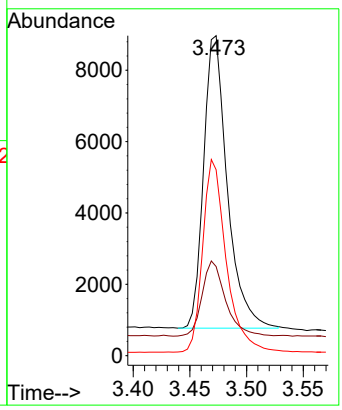


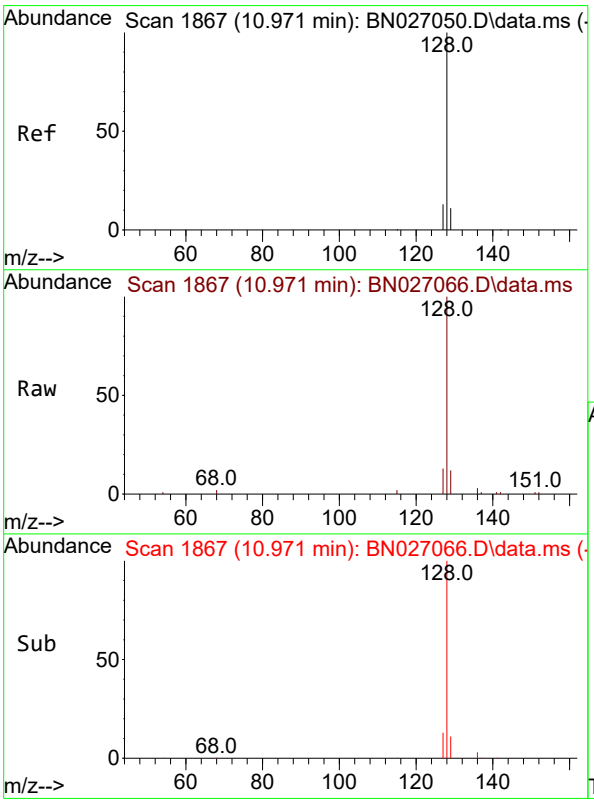
#2
1,4-Dioxane
Concen: 1.587 ng/ul
RT: 3.473 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 88 Resp: 11913

Ion	Ratio	Lower	Upper
88	100		
43	27.8	28.0	42.0#
58	58.1	46.0	69.0

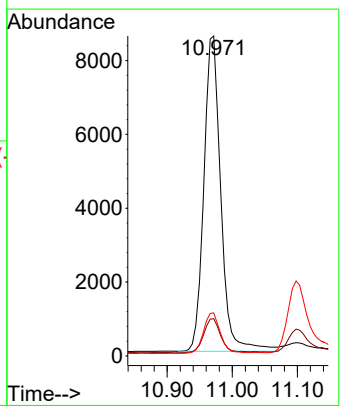


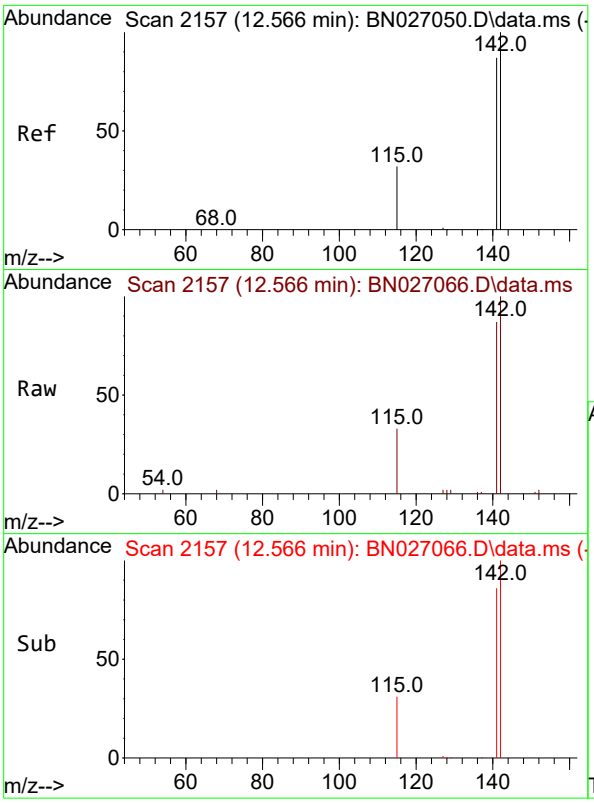


#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:128 Resp: 15531

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.5	10.5	15.7



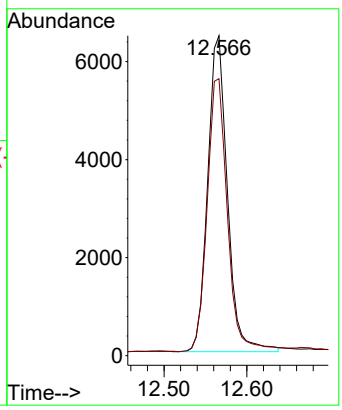


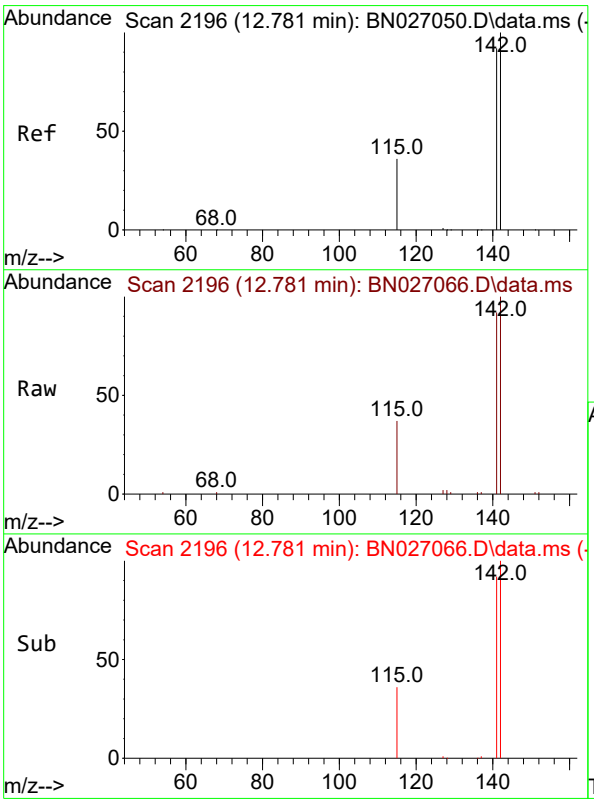
#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.566 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 10665

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

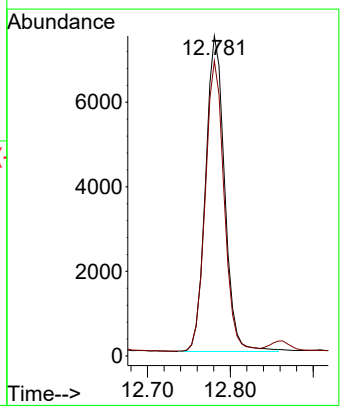


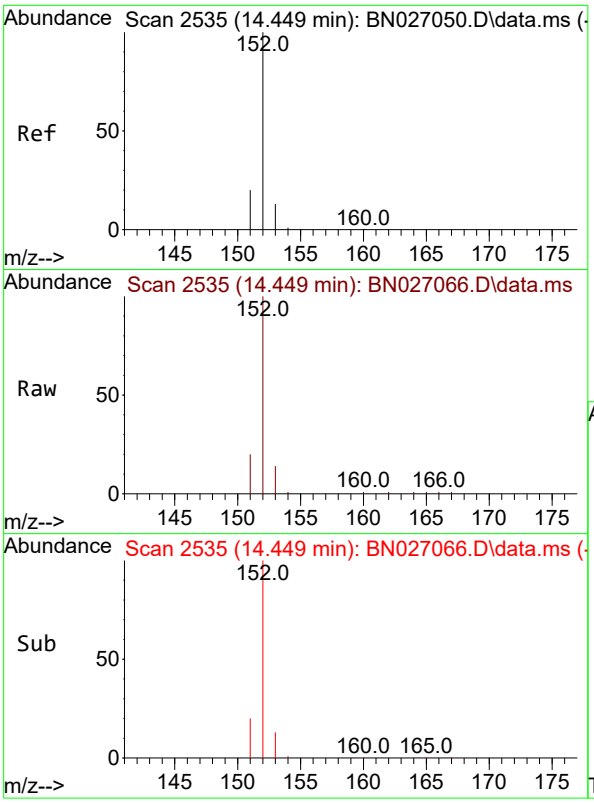


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:142 Resp: 11915

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8



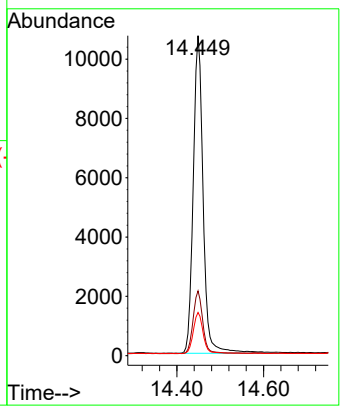


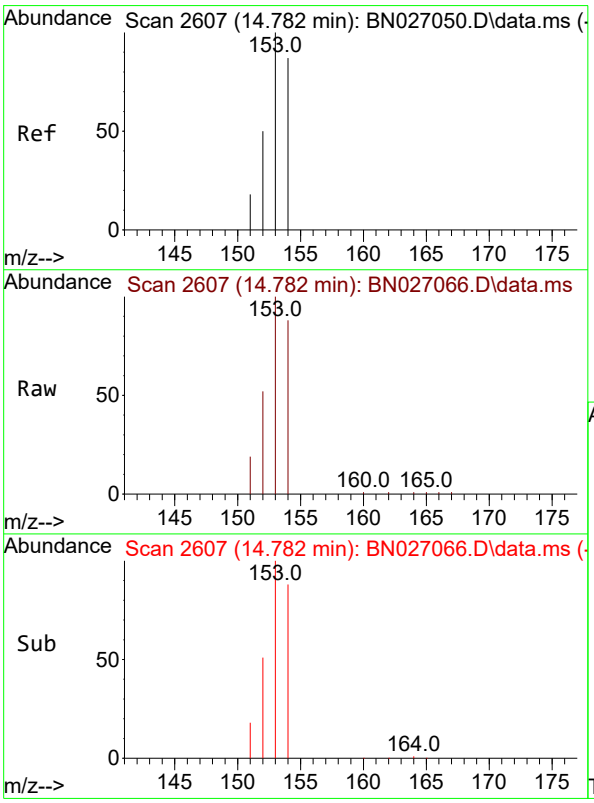
#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 14.449 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 17032

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.5	11.0	16.6

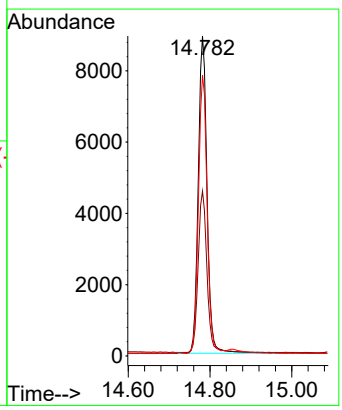


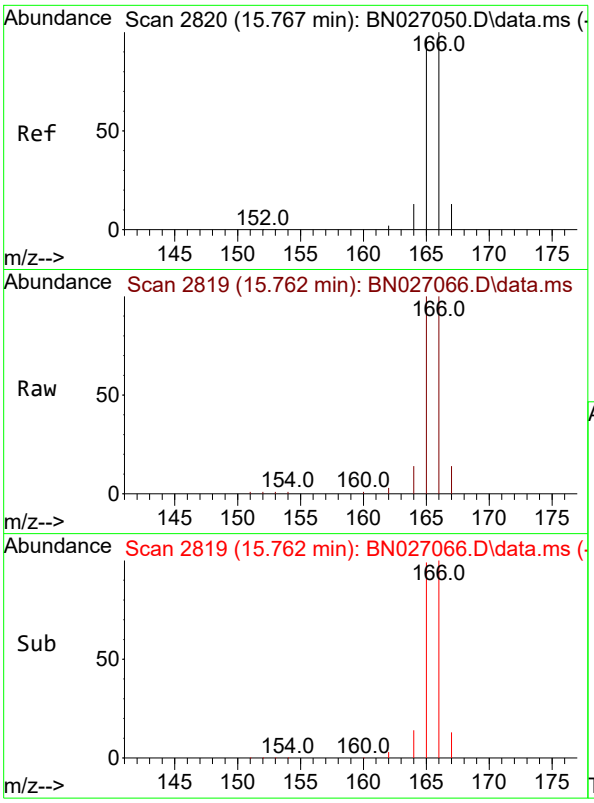


#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:153 Resp: 13266

Ion	Ratio	Lower	Upper
153	100		
152	51.5	41.1	61.7
154	87.7	71.6	107.4



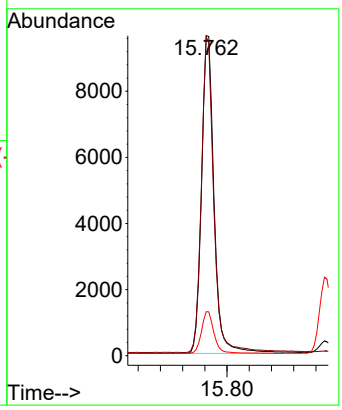


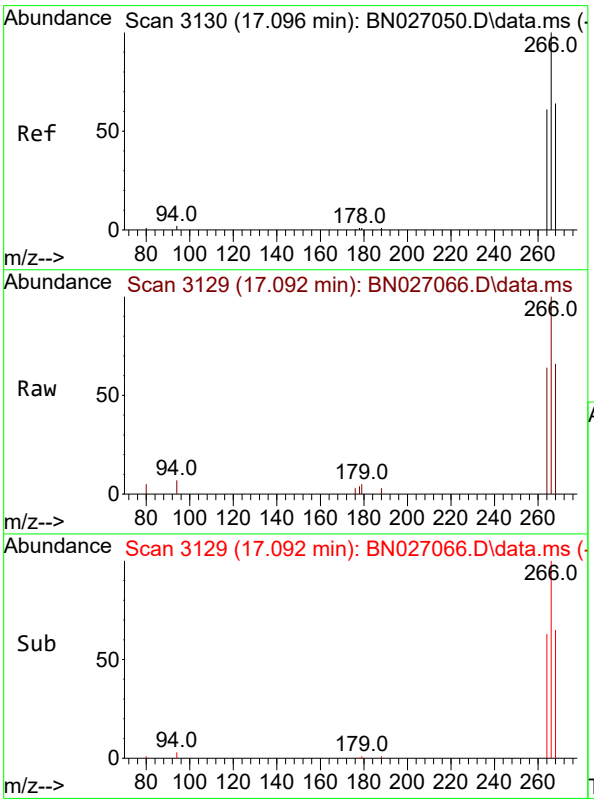
#12
Fluorene
Concen: 0.299 ng/ul
RT: 15.762 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 15111

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.1	118.7
167	13.8	11.4	17.0

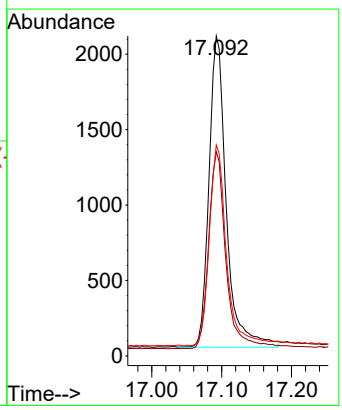


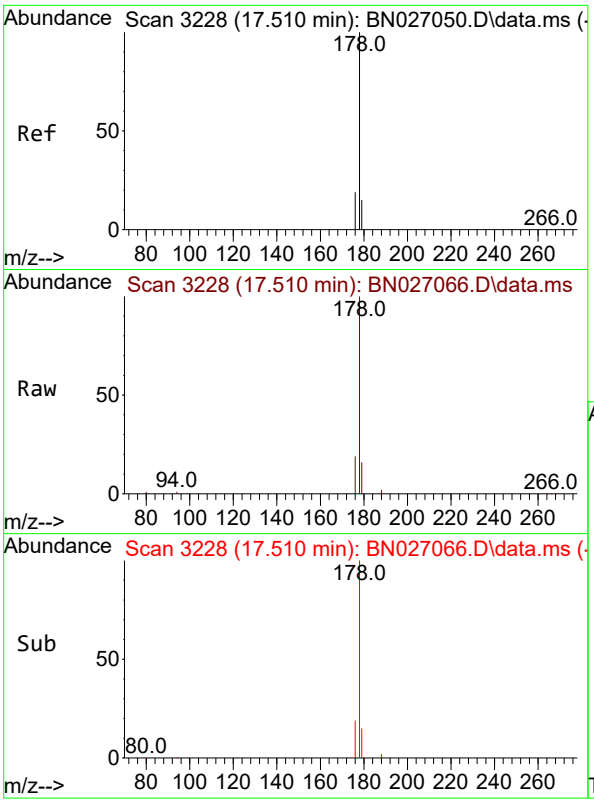


#14
Pentachlorophenol
Concen: 0.472 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:266 Resp: 3554

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.4	75.6
268	64.4	51.2	76.8



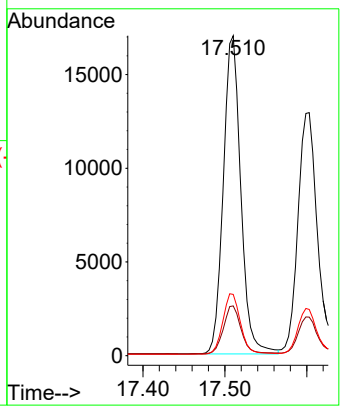


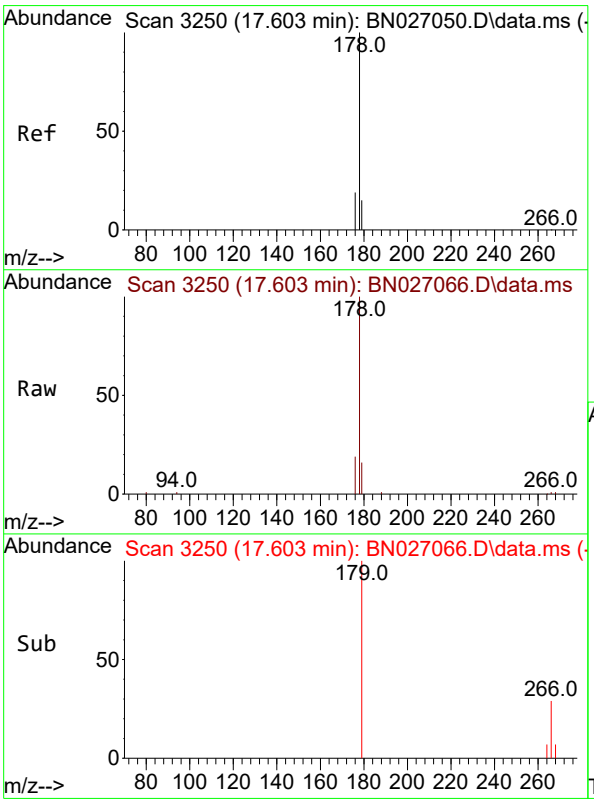
#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.510 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 25188

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.1	15.4	23.2

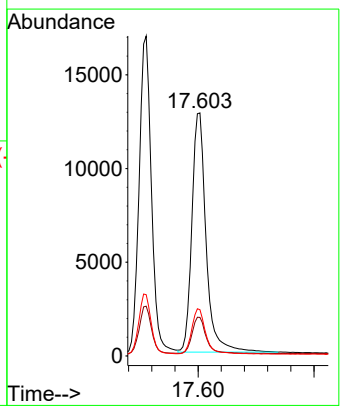


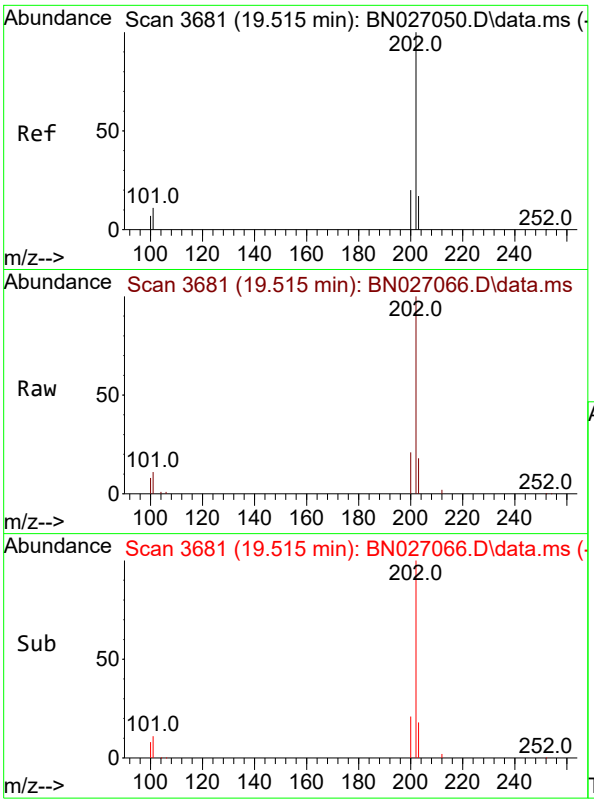


#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:178 Resp: 21707

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.0	15.0	22.6



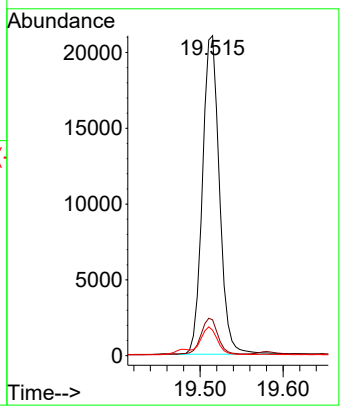


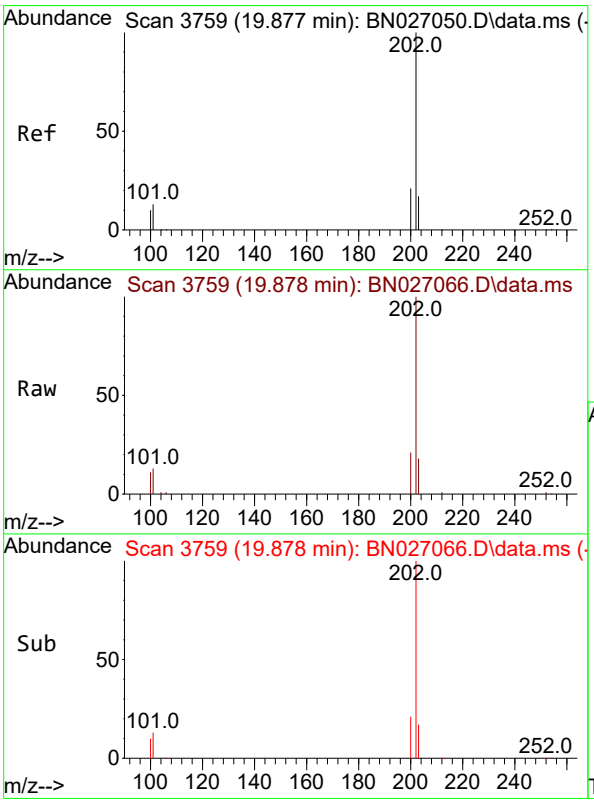
#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 29934

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.3	12.5
100	7.9	6.2	9.2

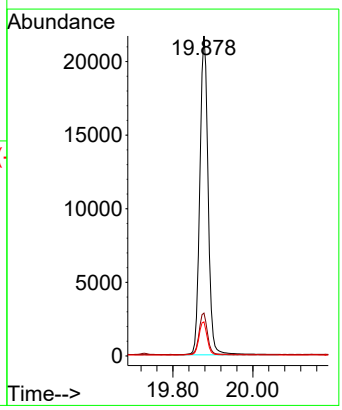


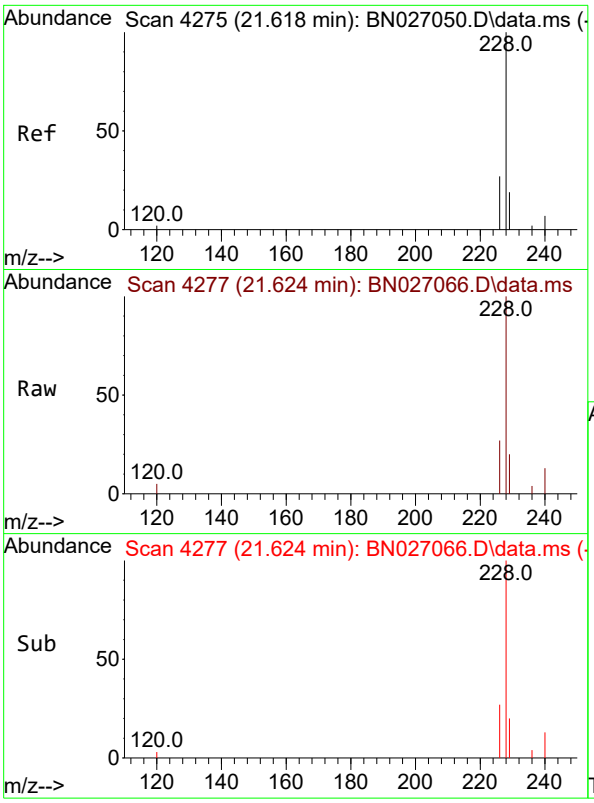


#20
Pyrene
Concen: 0.321 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:202 Resp: 31033

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.7	16.1
100	10.6	8.5	12.7



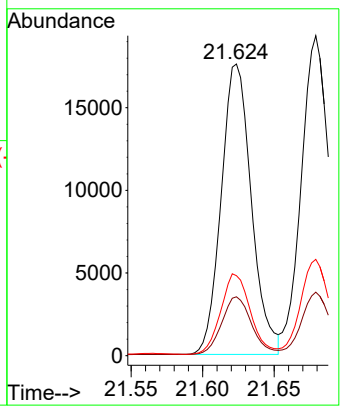


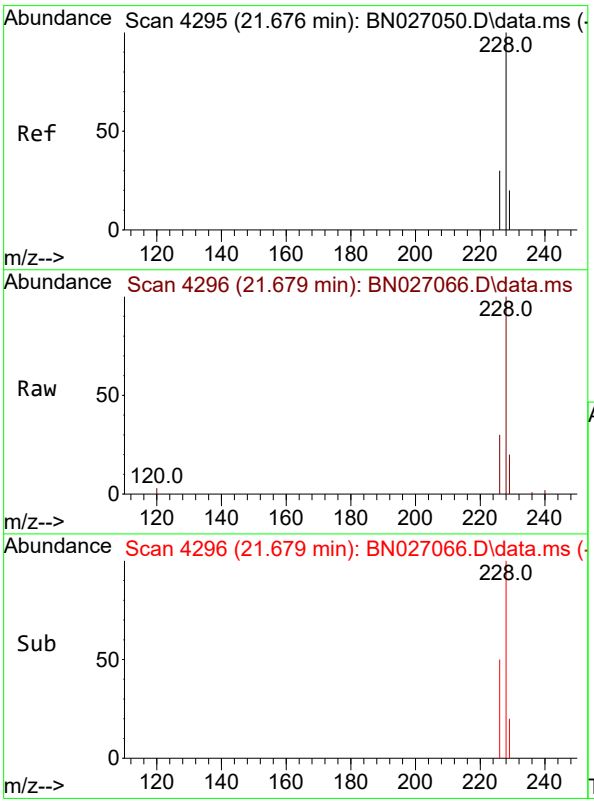
#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.624 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 25831

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.0	24.0
226	27.4	22.2	33.2

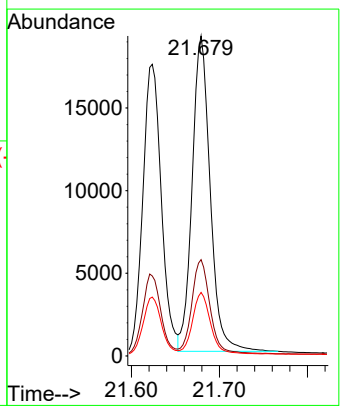


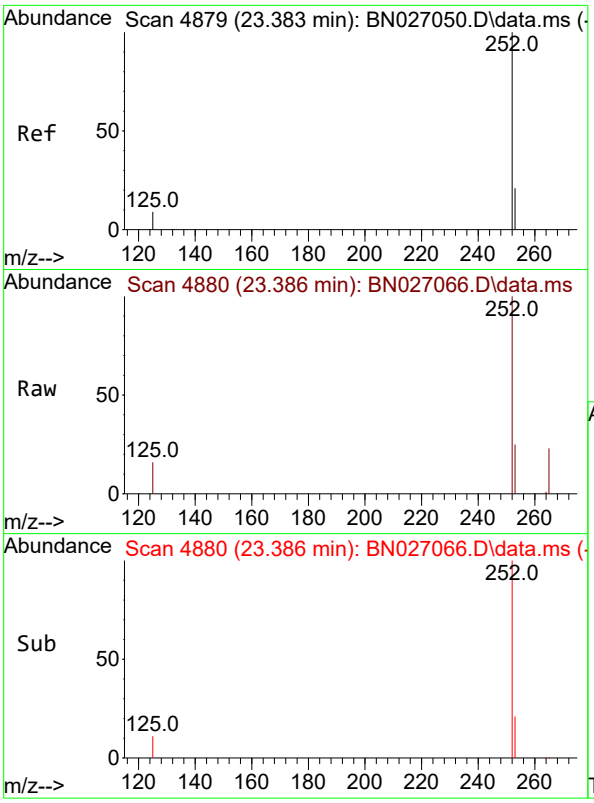


#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:228 Resp: 27227

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.9	15.8	23.6



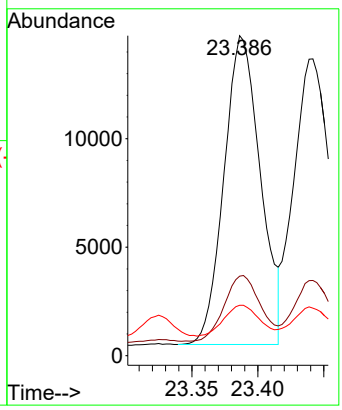


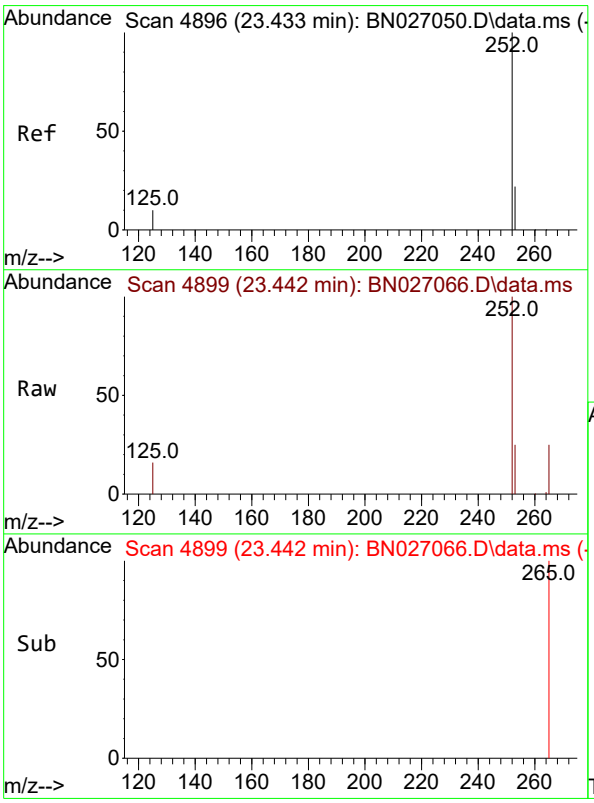
#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.386 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 27336

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	46.8
125	15.8	0.0	25.2

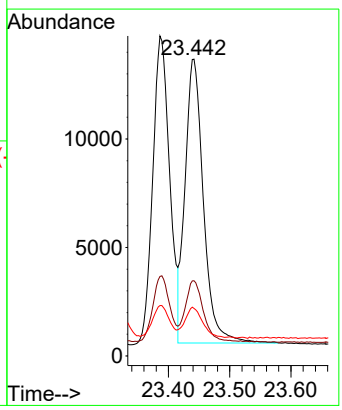


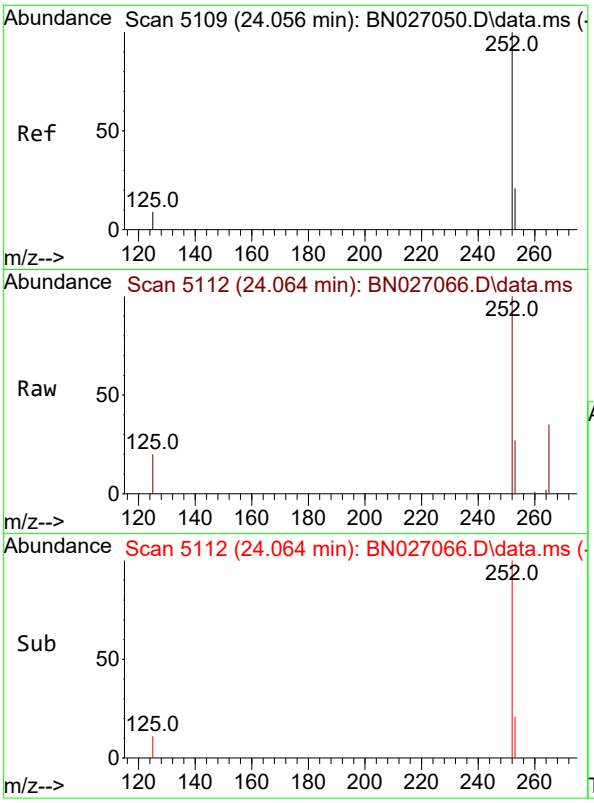


#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.442 min Scan# 4899
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:252 Resp: 27272

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	16.0	9.9	14.9#



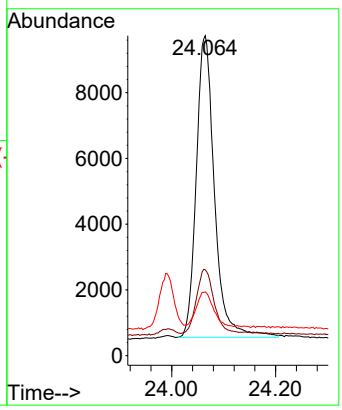


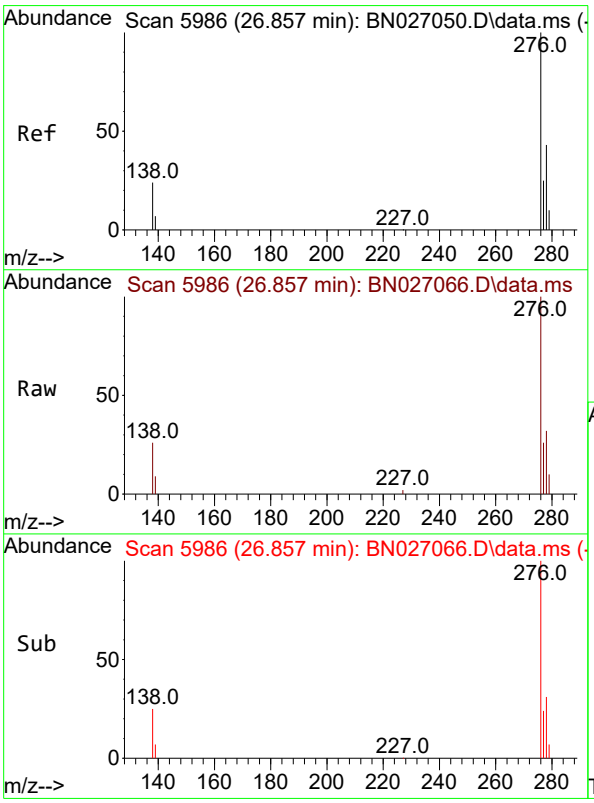
#26
Benzo(a)pyrene
Concen: 0.310 ng/ul
RT: 24.064 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 22276

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.0	28.6
125	19.9	11.4	17.0#

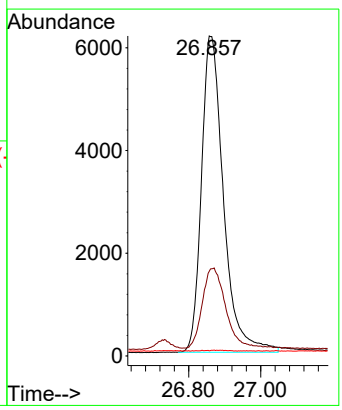


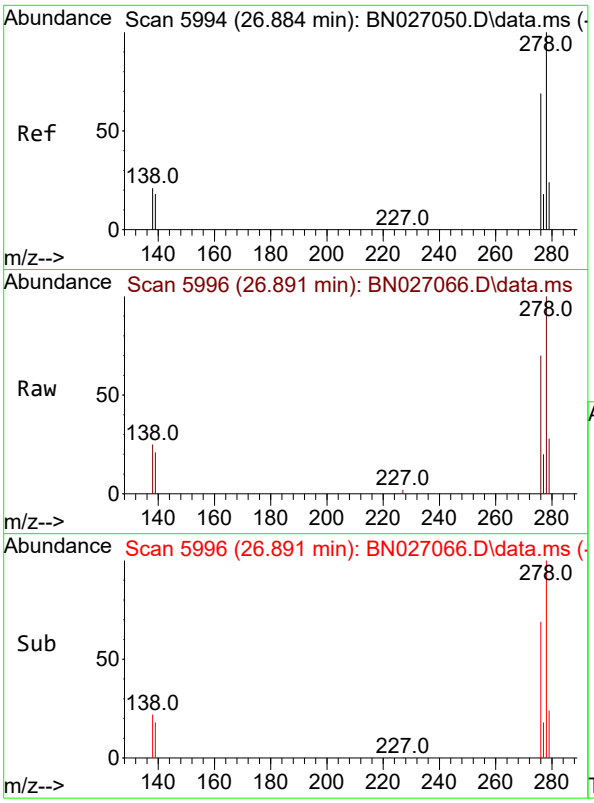


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.278 ng/ul
RT: 26.857 min Scan# 5986
Delta R.T. 0.003 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:276 Resp: 26160

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.6	32.4#
227	0.0	0.0	0.0#



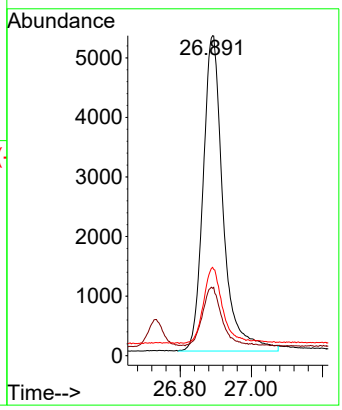


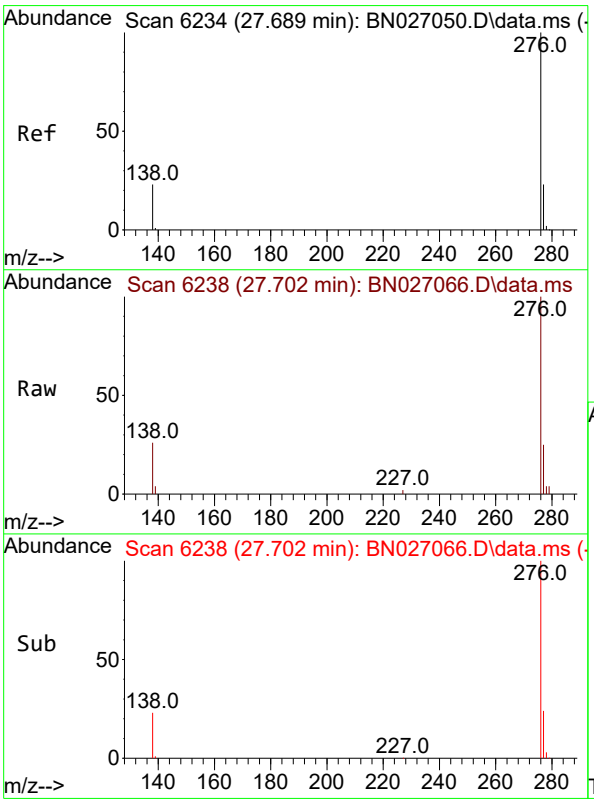
#28
Dibenzo(a,h)anthracene
Concen: 0.275 ng/ul
RT: 26.891 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 20638

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.7	23.5
279	27.6	20.2	30.4





#29
Benzo(g,h,i)perylene
Concen: 0.280 ng/ul
RT: 27.702 min Scan# 6238
Delta R.T. 0.006 min
Lab File: BN027066.D
Acq: 23 Aug 2023 17:51

Tgt Ion:276 Resp: 21921

Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.3	28.9
277	25.5	19.8	29.8