Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
Data File : BN026434.D
Acq On : 09 Jul 2023 22:10
Operator : MA/JU
Sample : 03349-08MSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Quant Time: Jul 10 01:38:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4335	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	15100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	8483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	12128	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	8066	0.400	ng/ul	0.00
23) Perylene-d12	23.958	264	8473	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	903	0.185	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	5577	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	10149	0.331	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	2378	0.459	ng/ul	100
5) Naphthalene	10.781	128	11916	0.275	ng/ul	99
7) 2-Methylnaphthalene	12.398	142	6291	0.228	ng/ul	99
8) 1-Methylnaphthalene	12.613	142	7142	0.250	ng/ul	99
10) Acenaphthylene	14.288	152	10563	0.266	ng/ul	98
11) Acenaphthene	14.626	153	9539	0.294	ng/ul	95
12) Fluorene	15.620	166	8660	0.232	ng/ul	100
14) Pentachlorophenol	16.988	266	1454	0.334	ng/ul	100
15) Phenanthrene	17.364	178	12078	0.301	ng/ul	98
16) Anthracene	17.461	178	9914	0.278	ng/ul	96
19) Fluoranthene	19.382	202	14058	0.326	ng/ul	98
20) Pyrene	19.745	202	15005	0.335	ng/ul	97
21) Benzo(a)anthracene	21.494	228	10382	0.312	ng/ul	98
22) Chrysene	21.547	228	11904	0.344	ng/ul	99
24) Benzo(b)fluoranthene	23.210	252	11395	0.315	ng/ul	90
25) Benzo(k)fluoranthene	23.259	252	12499	0.344	ng/ul#	92
26) Benzo(a)pyrene	23.850	252	9918	0.316	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.527	276	13106	0.382	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.538	278	9940	0.383	ng/ul	97
29) Benzo(g,h,i)perylene	27.316	276	11794	0.386	ng/ul	98

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

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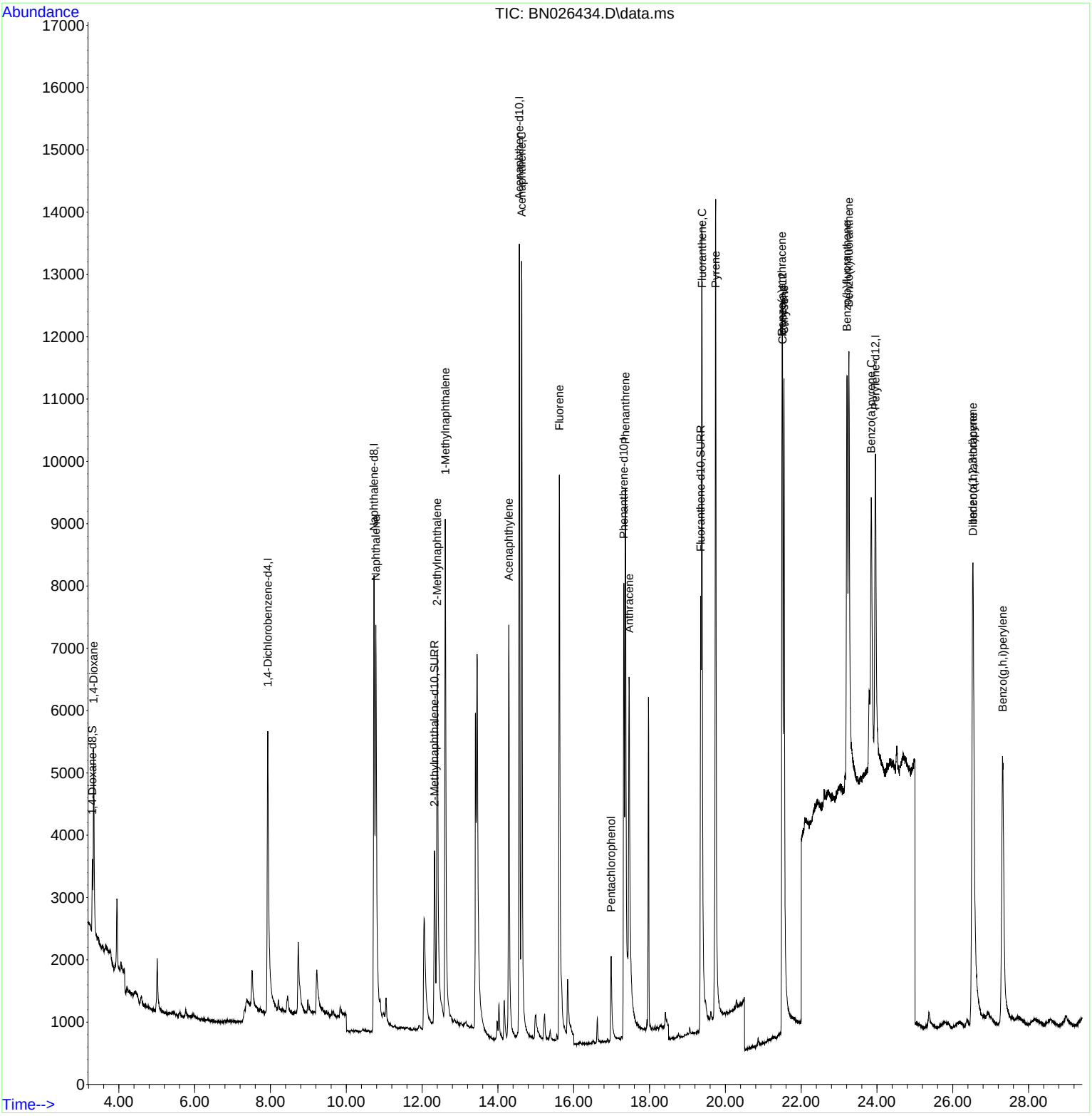
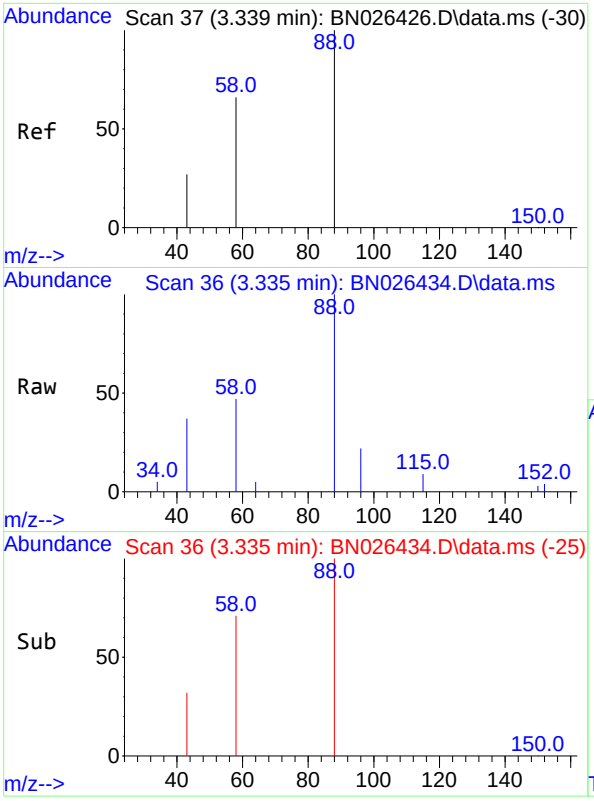


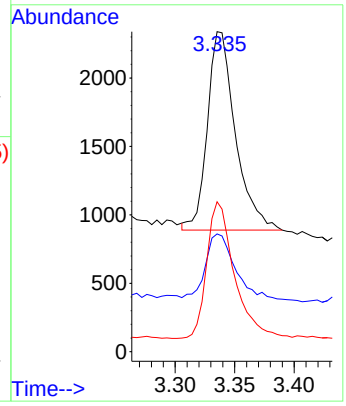


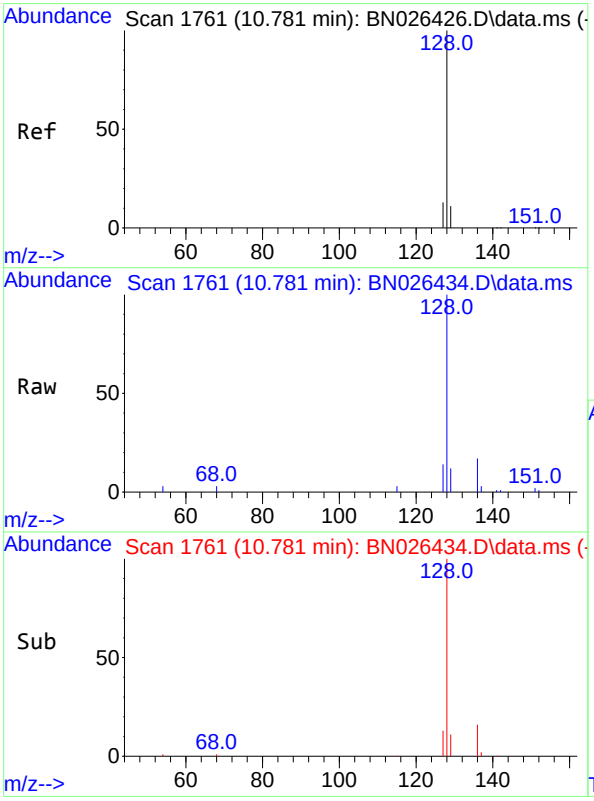
#2
1,4-Dioxane
Concen: 0.459 ng/ul
RT: 3.335 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion: 88 Resp: 2378

Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.5	44.3
58	46.9	37.4	56.2

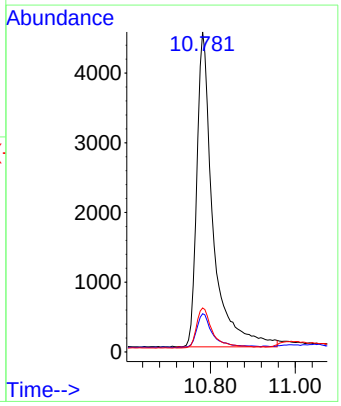


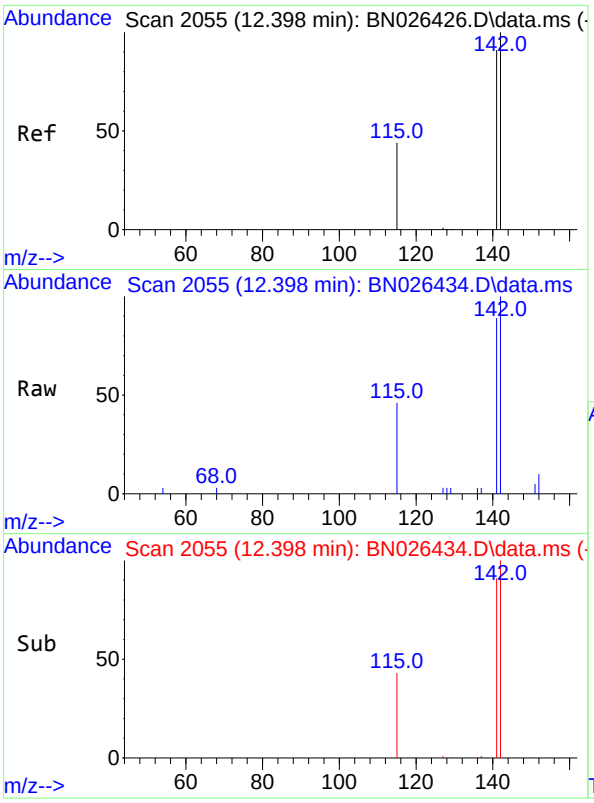


#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:128 Resp: 11916

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.7	10.7	16.1



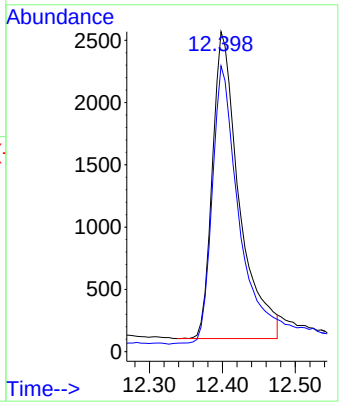


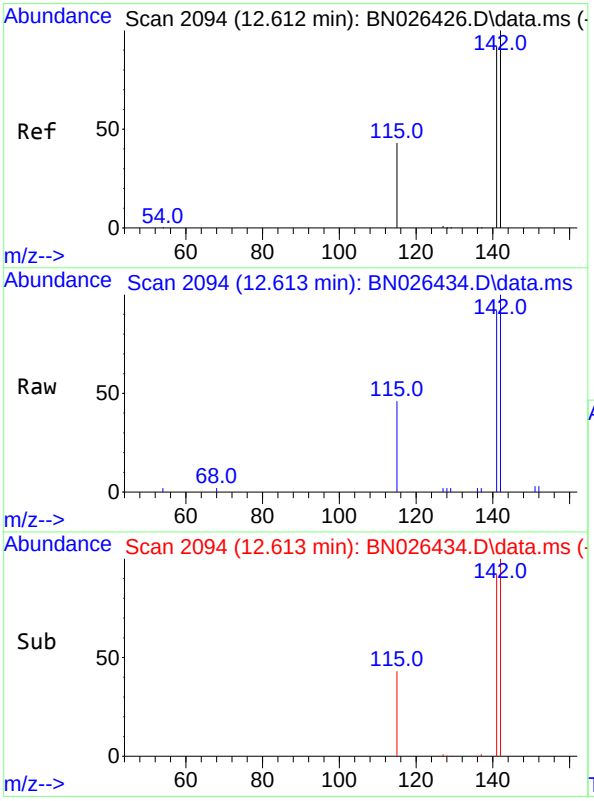
#7
2-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 12.398 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:142 Resp: 6291

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9

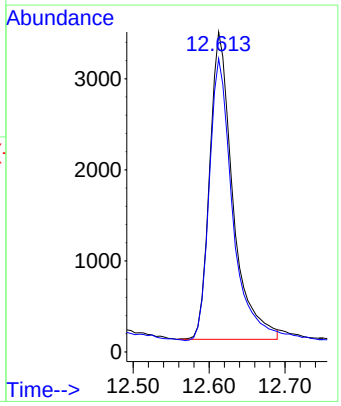


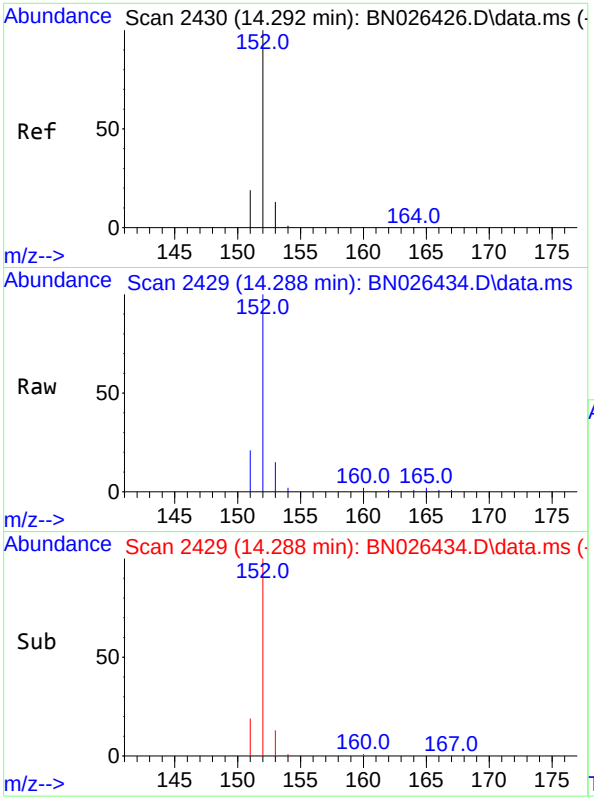


#8
1-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 12.613 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:142 Resp: 7142

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4



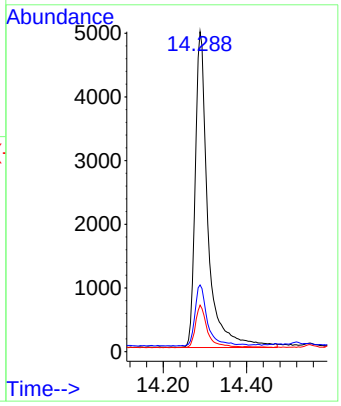


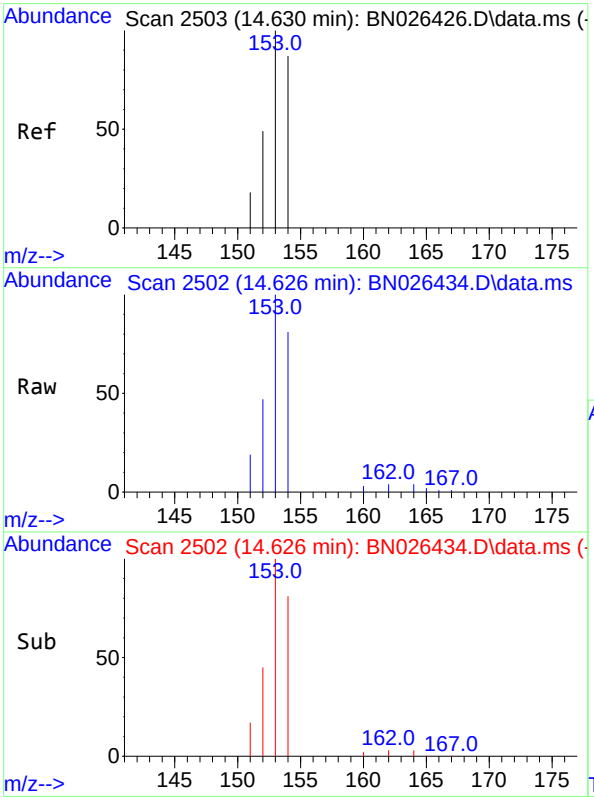
#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.288 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:152 Resp: 10563

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	14.6	10.9	16.3

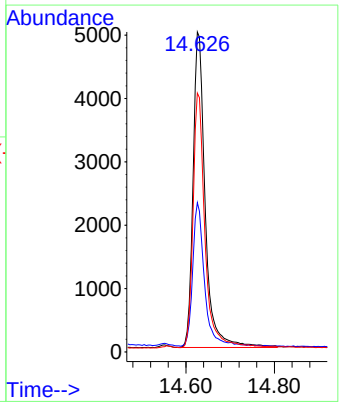


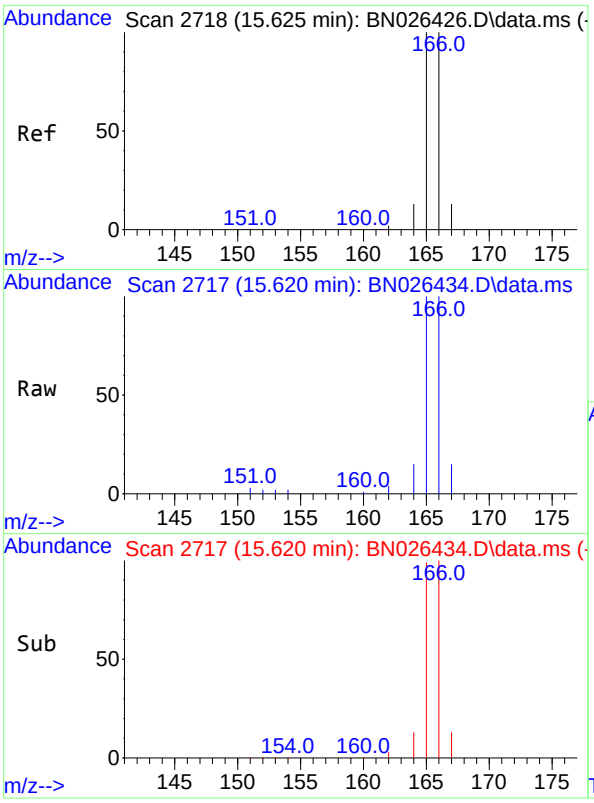


#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:153 Resp: 9539

Ion	Ratio	Lower	Upper
153	100		
152	46.6	39.4	59.0
154	80.9	68.9	103.3



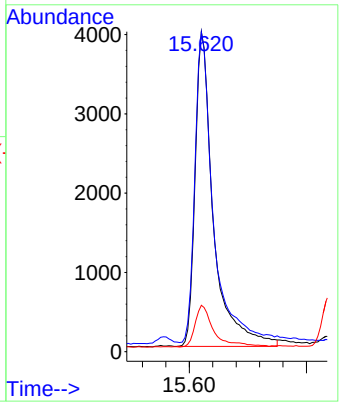


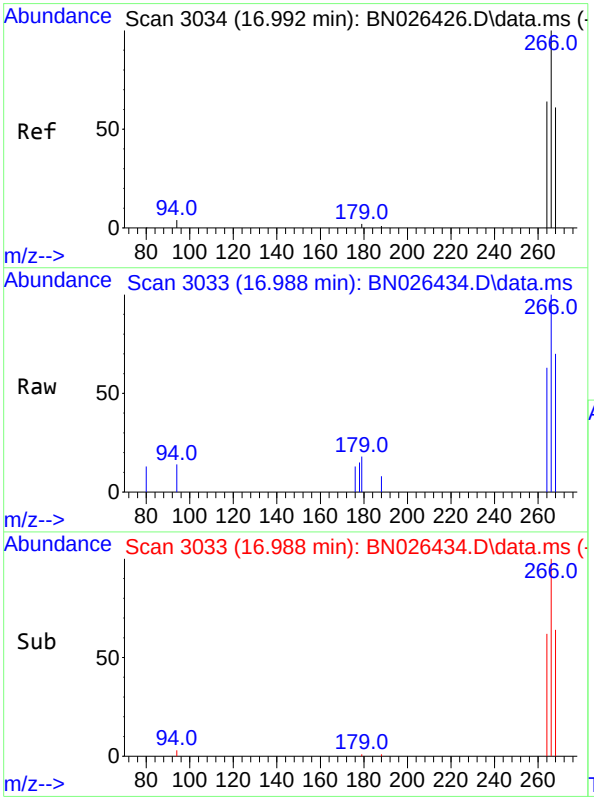
#12
Fluorene
Concen: 0.232 ng/ul
RT: 15.620 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:166 Resp: 8660

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.9	119.9
167	14.5	10.8	16.2

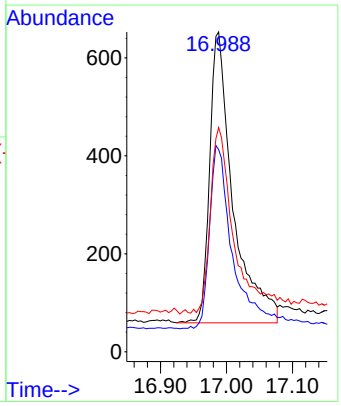


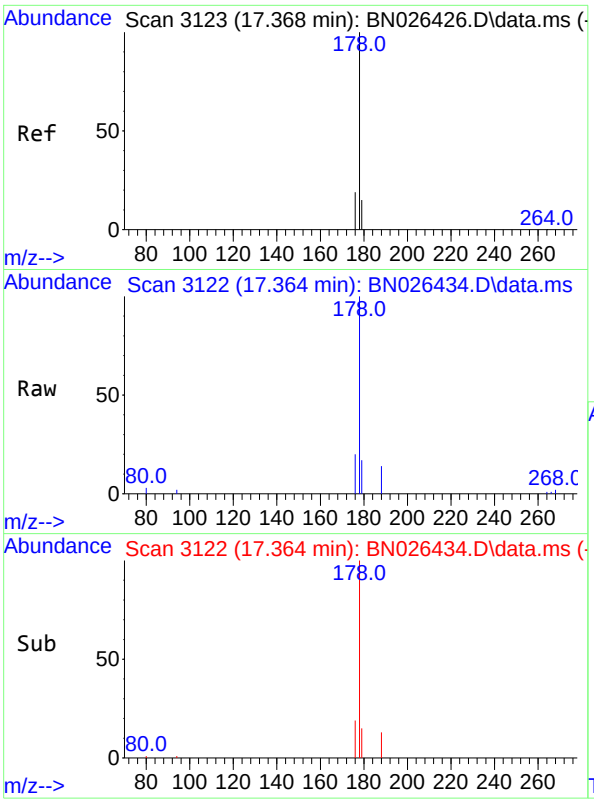


#14
Pentachlorophenol
Concen: 0.334 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. -0.008 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:266 Resp: 1454

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.5	75.7
268	64.0	51.6	77.4



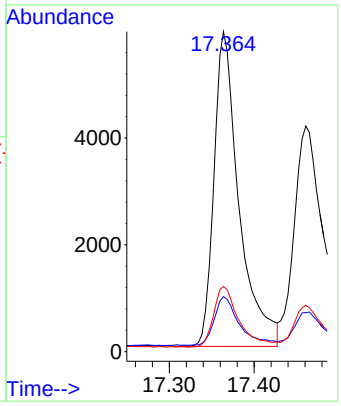


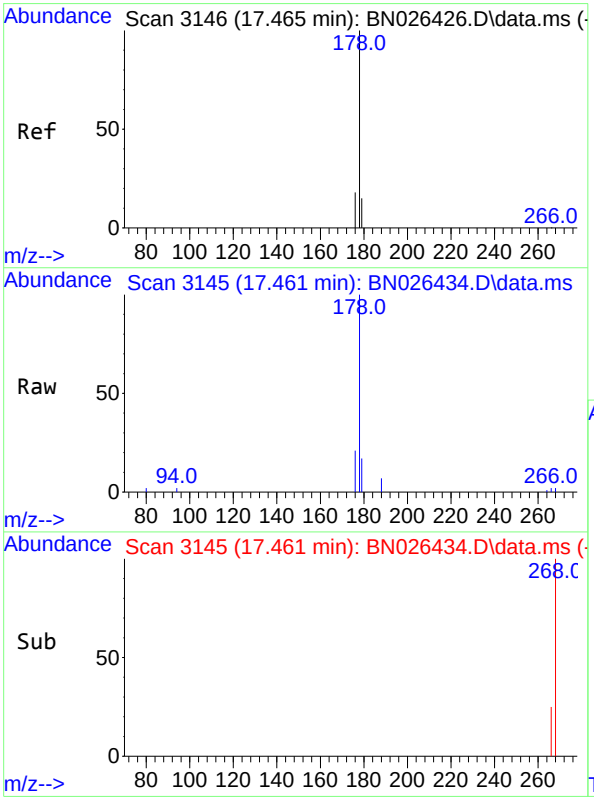
#15
Phenanthrene
Concen: 0.301 ng/ul
RT: 17.364 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:178 Resp: 12078

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	19.0
176	20.4	15.8	23.6

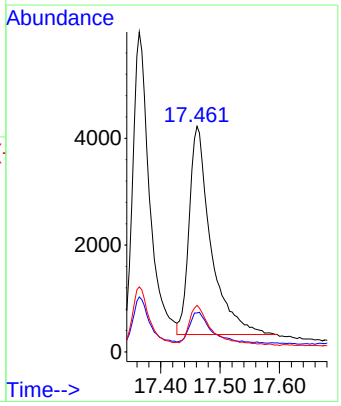


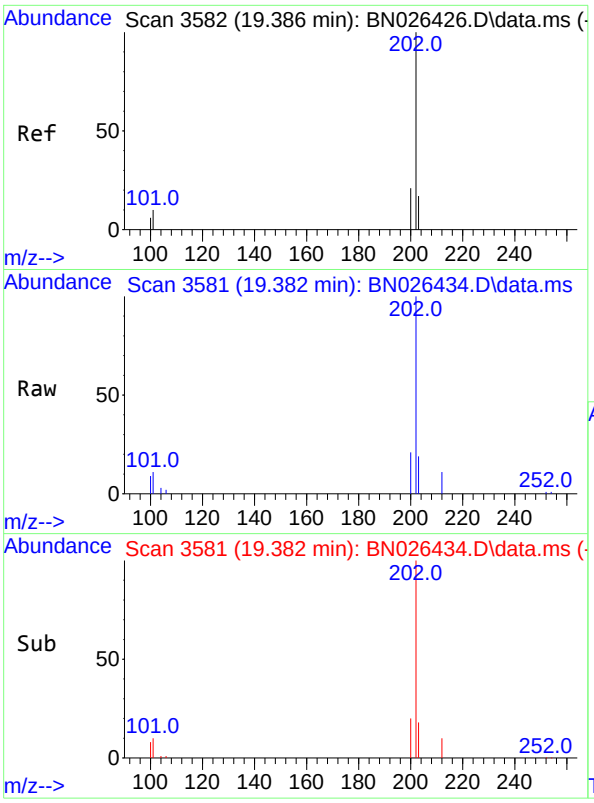


#16
Anthracene
Concen: 0.278 ng/ul
RT: 17.461 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:178 Resp: 9914

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	18.8
176	20.6	15.1	22.7



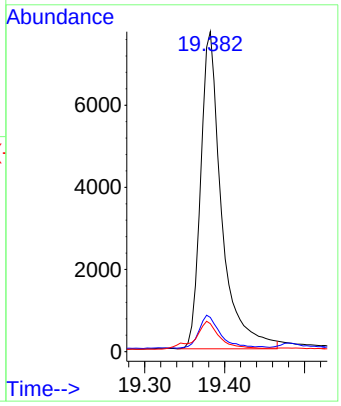


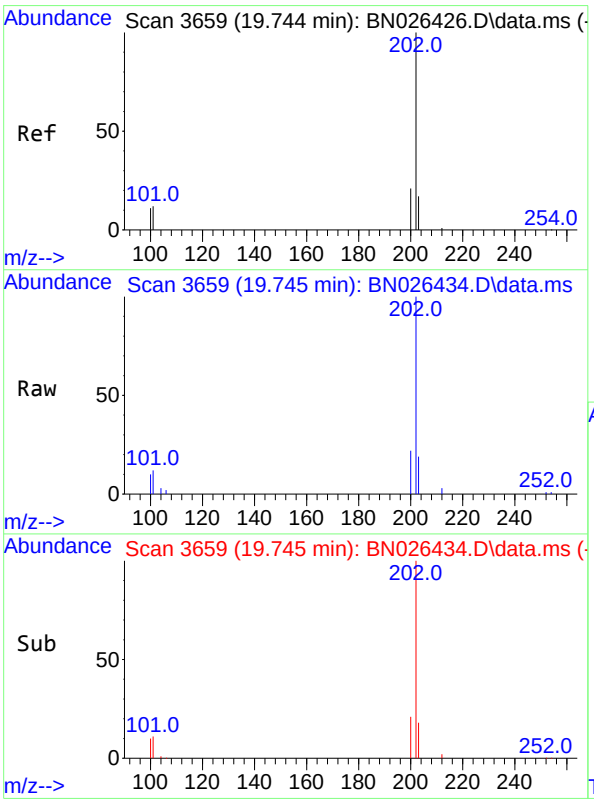
#19
Fluoranthene
Concen: 0.326 ng/ul
RT: 19.382 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:202 Resp: 14058

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.5	14.3
100	8.7	7.3	10.9

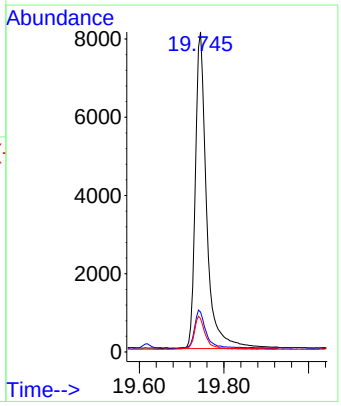


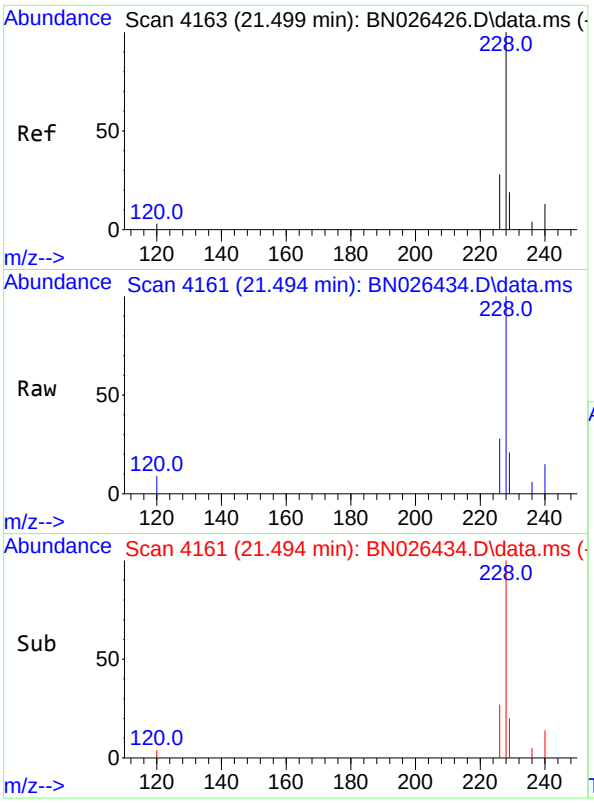


#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:202 Resp: 15005

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.4	17.0
100	10.4	9.1	13.7



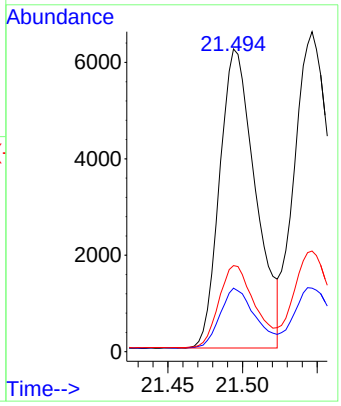


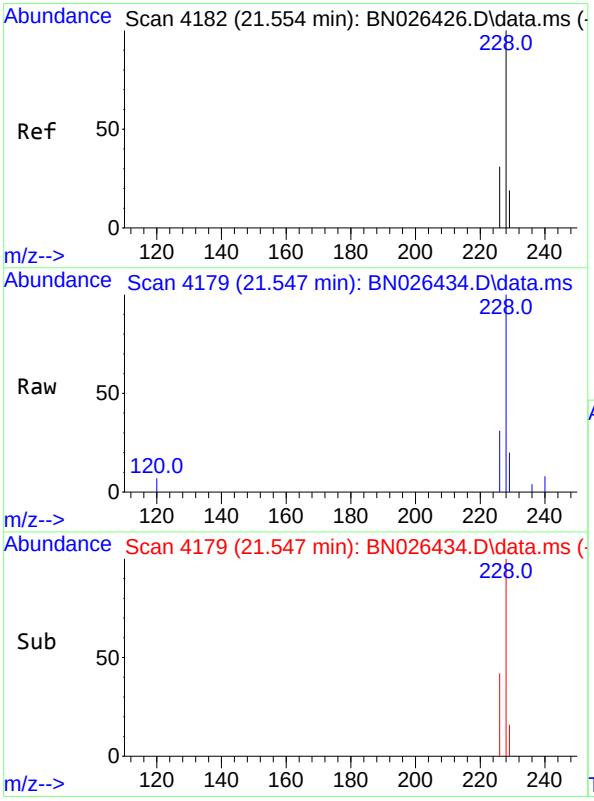
#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:228 Resp: 10382

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	28.5	22.5	33.7

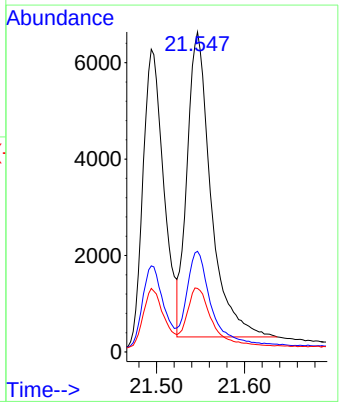


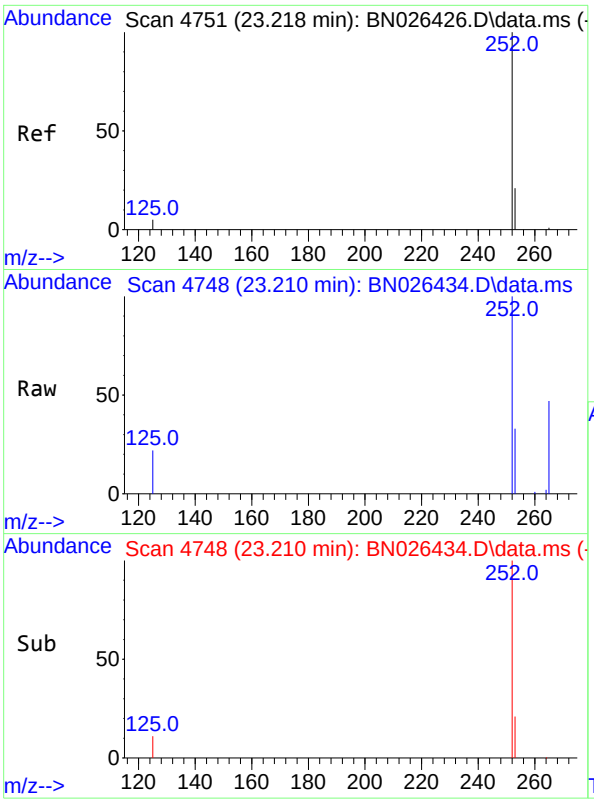


#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.547 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:228 Resp: 11904

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	19.9	15.7	23.5



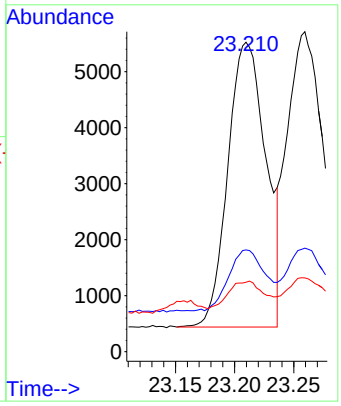


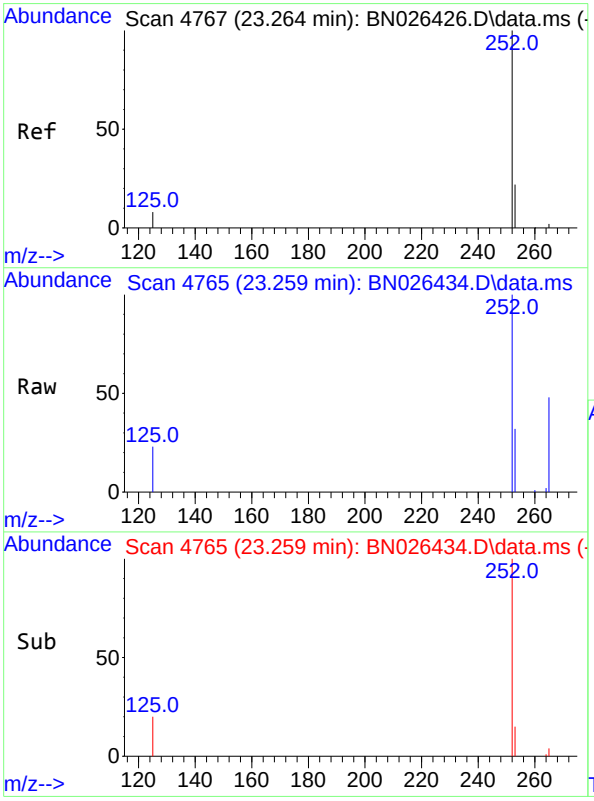
#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 23.210 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:252 Resp: 11395

Ion	Ratio	Lower	Upper
252	100		
253	32.9	0.0	55.6
125	22.4	0.0	35.8

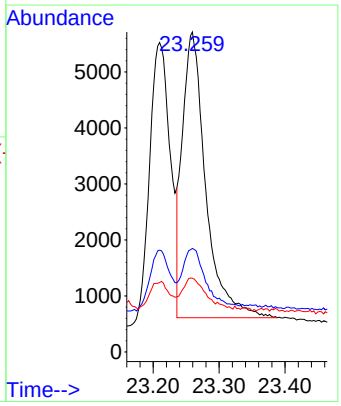


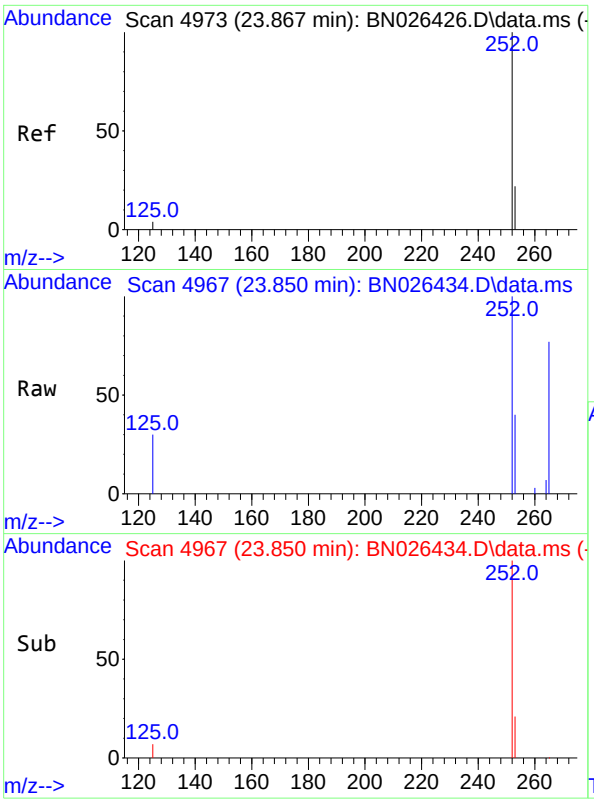


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:252 Resp: 12499

Ion	Ratio	Lower	Upper
252	100		
253	32.4	23.2	34.8
125	23.0	15.0	22.4#



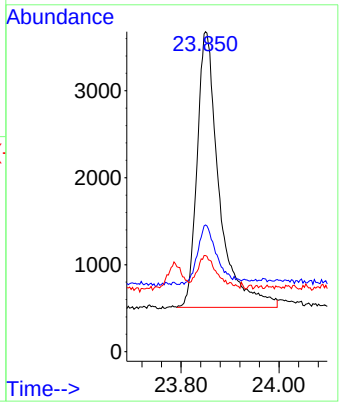


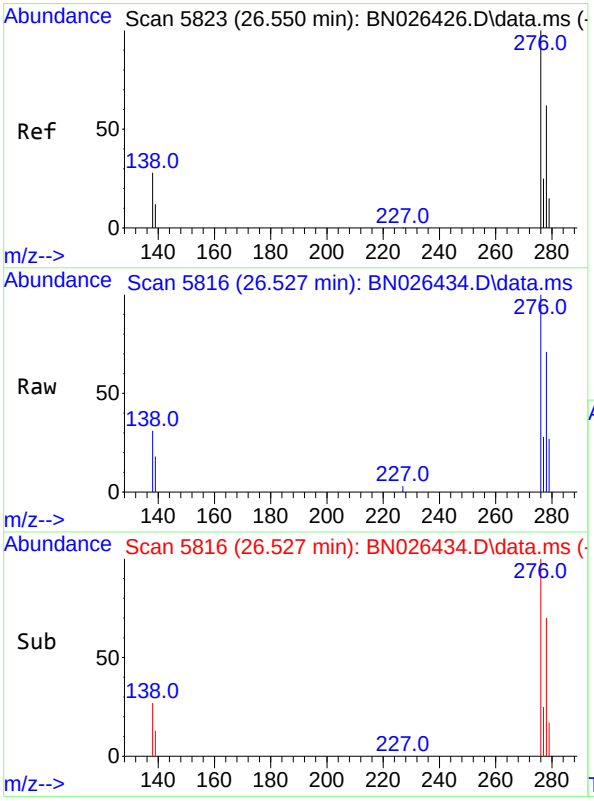
#26
Benzo(a)pyrene
Concen: 0.316 ng/ul
RT: 23.850 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:252 Resp: 9918

Ion	Ratio	Lower	Upper
252	100		
253	39.6	26.0	39.0#
125	30.0	17.3	25.9#

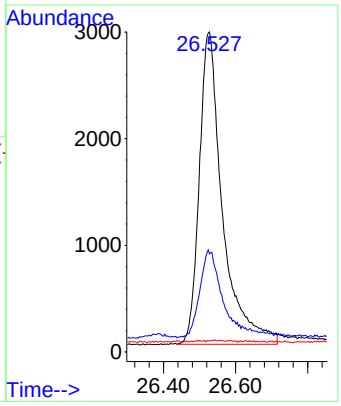


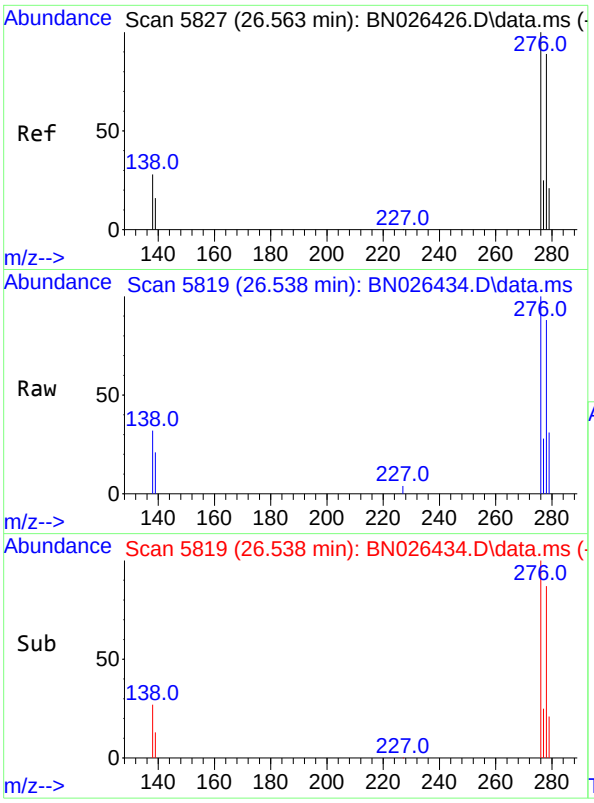


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 26.527 min Scan# 5816
Delta R.T. -0.013 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:276 Resp: 13106

Ion	Ratio	Lower	Upper
276	100		
138	28.9	24.5	36.7
227	0.1	0.0	0.0#



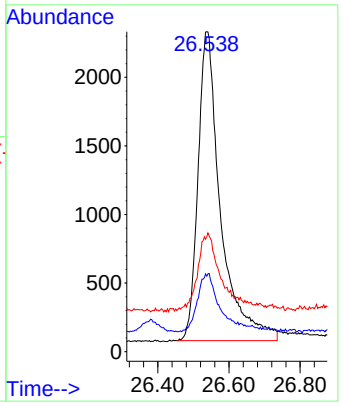


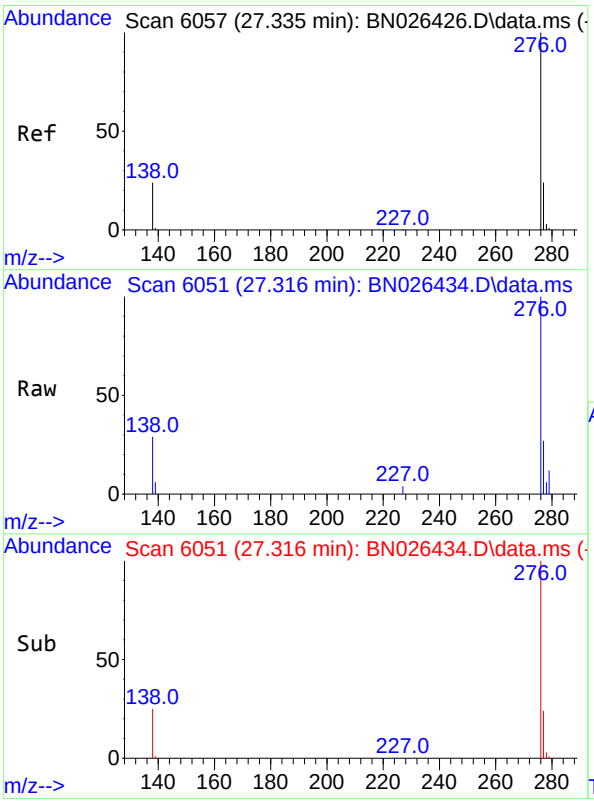
#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.538 min Scan# 5
Delta R.T. -0.023 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Instrument :
BNA_N
ClientSampleId :
YBW01MSD

Tgt Ion:278 Resp: 9940

Ion	Ratio	Lower	Upper
278	100		
139	23.6	19.0	28.4
279	35.9	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.316 min Scan# 6051
Delta R.T. -0.020 min
Lab File: BN026434.D
Acq: 09 Jul 2023 22:10

Tgt Ion:276 Resp: 11794

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.4	35.0
277	26.9	20.0	30.0