Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024657.D
Acq On : 30 Mar 2023 23:50
Operator : CG/JU
Sample : 02038-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Quant Time: Mar 31 02:13:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 02:10:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	23595	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12651	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	27466	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	21237	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	17707	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	2330	0.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	11609	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	27852	0.536	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	6956	0.801	ng/ul	97
5) Naphthalene	10.861	128	24508	0.423	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	15095	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	15838	0.420	ng/ul	100
10) Acenaphthylene	14.361	152	18953	0.424	ng/ul	100
11) Acenaphthene	14.698	153	16837	0.434	ng/ul	98
12) Fluorene	15.684	166	19105	0.431	ng/ul	99
14) Pentachlorophenol	17.033	266	5325	0.897	ng/ul	98
15) Phenanthrene	17.426	178	33885	0.450	ng/ul	100
16) Anthracene	17.515	178	27449	0.436	ng/ul	100
19) Fluoranthene	19.436	202	40251	0.538	ng/ul	98
20) Pyrene	19.799	202	41200	0.541	ng/ul	97
21) Benzo(a)anthracene	21.554	228	34019	0.533	ng/ul	99
22) Chrysene	21.606	228	37680	0.537	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	37217	0.506	ng/ul	99
25) Benzo(k)fluoranthene	23.328	252	35917	0.507	ng/ul	99
26) Benzo(a)pyrene	23.924	252	29459	0.509	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.603	276	34764	0.504	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.623	278	27458	0.498	ng/ul	98
29) Benzo(g,h,i)perylene	27.404	276	28860	0.487	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
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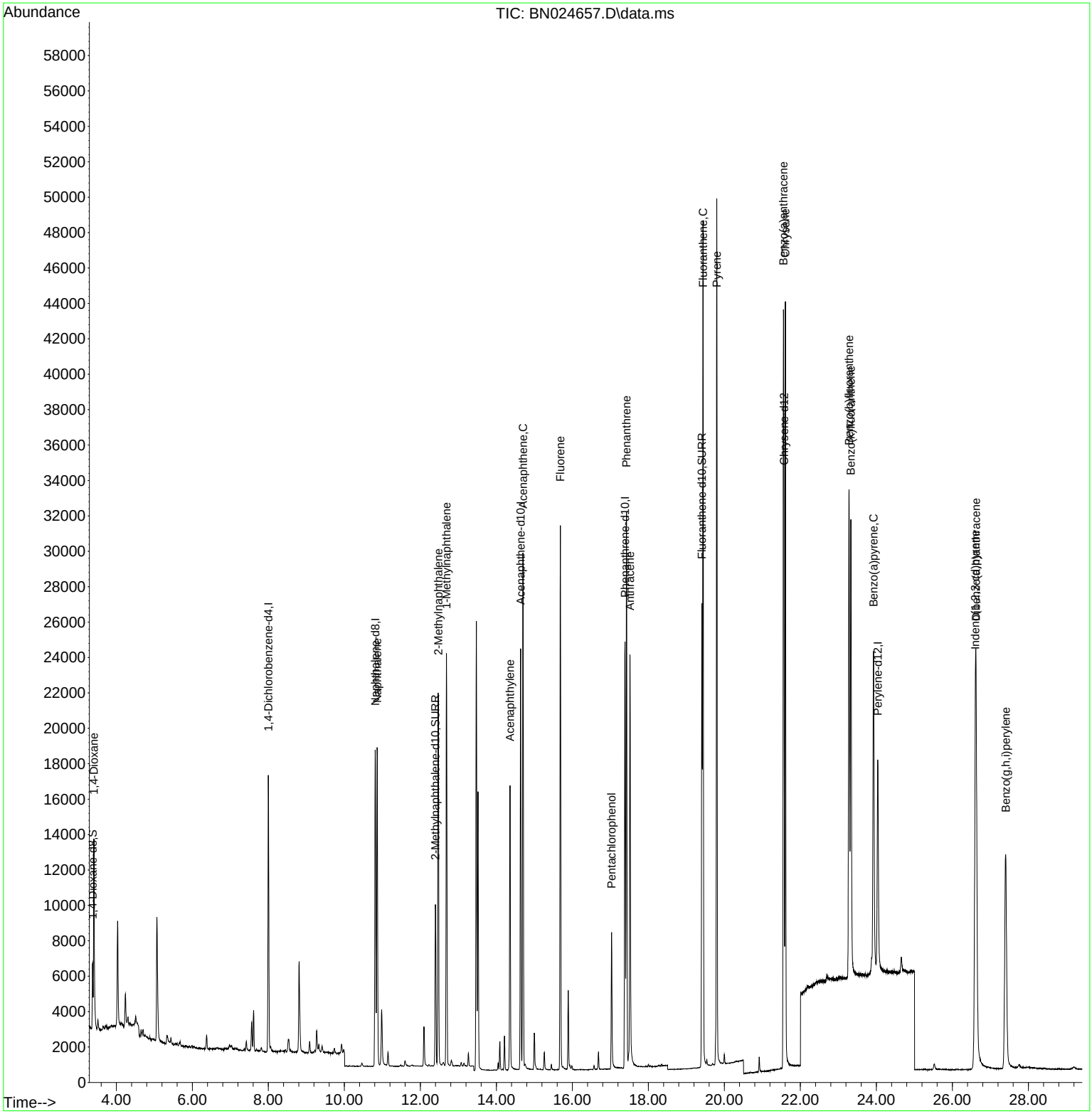
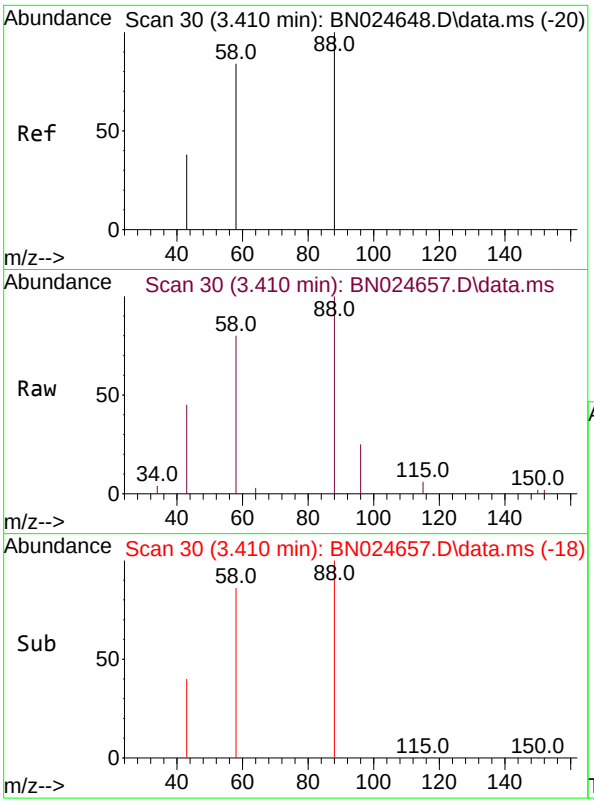


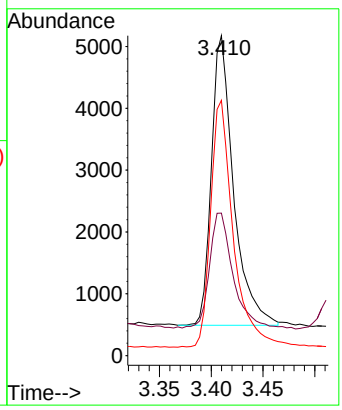


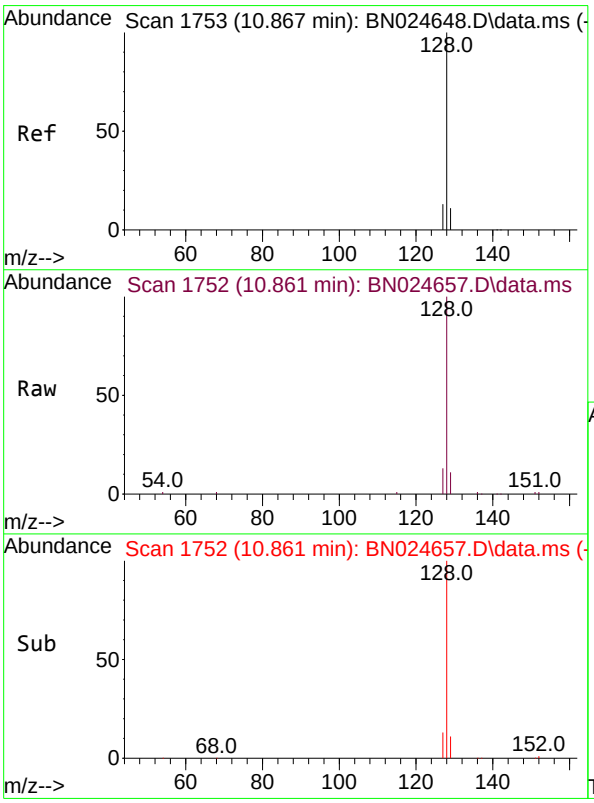
#2
1,4-Dioxane
Concen: 0.801 ng/ul
RT: 3.410 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion: 88 Resp: 6956

Ion	Ratio	Lower	Upper
88	100		
43	44.6	37.2	55.8
58	79.8	61.5	92.3

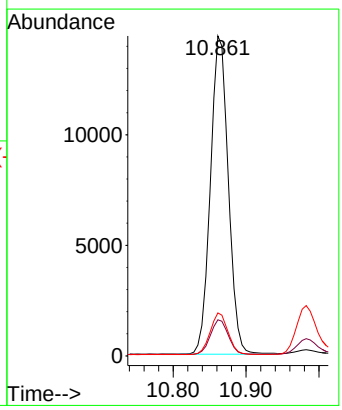


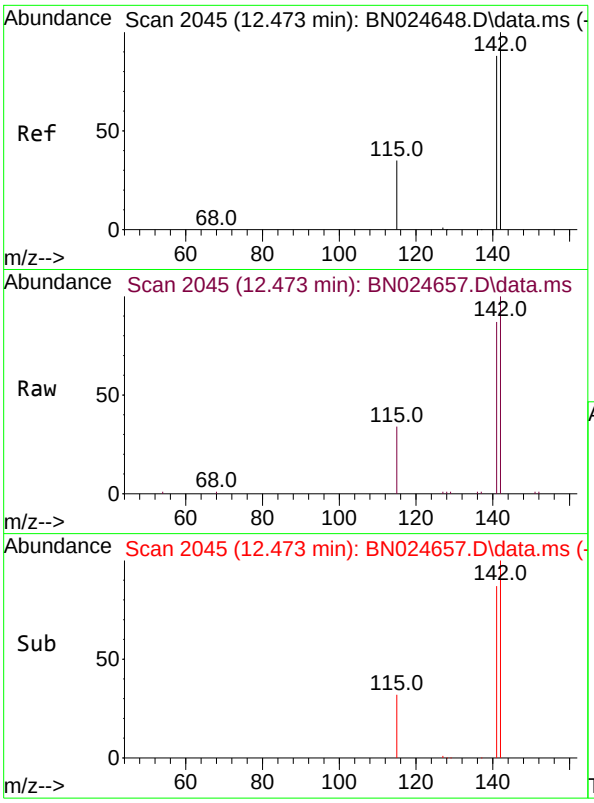


#5
Naphthalene
Concen: 0.423 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:128 Resp: 24508

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.4	10.5	15.7



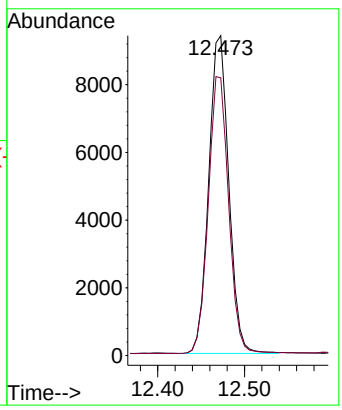


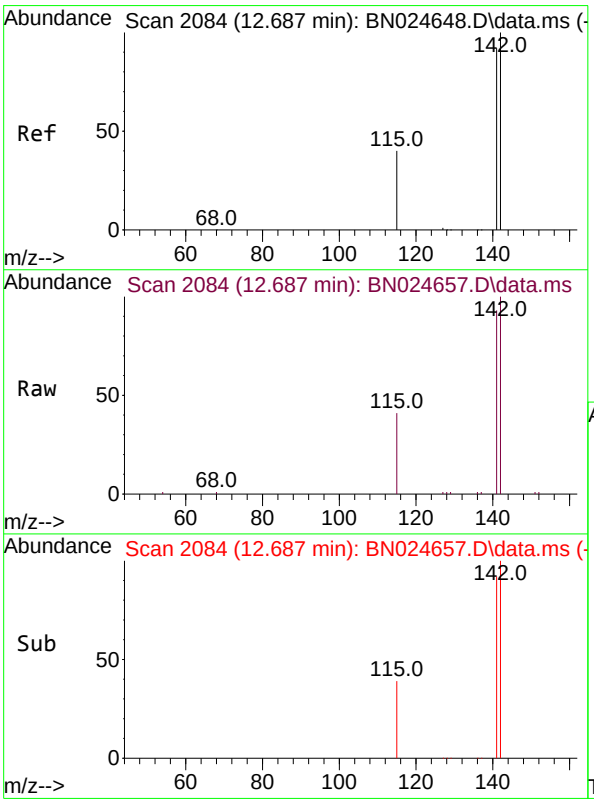
#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.473 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:142 Resp: 15095

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3

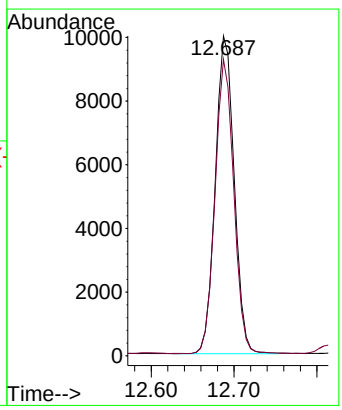


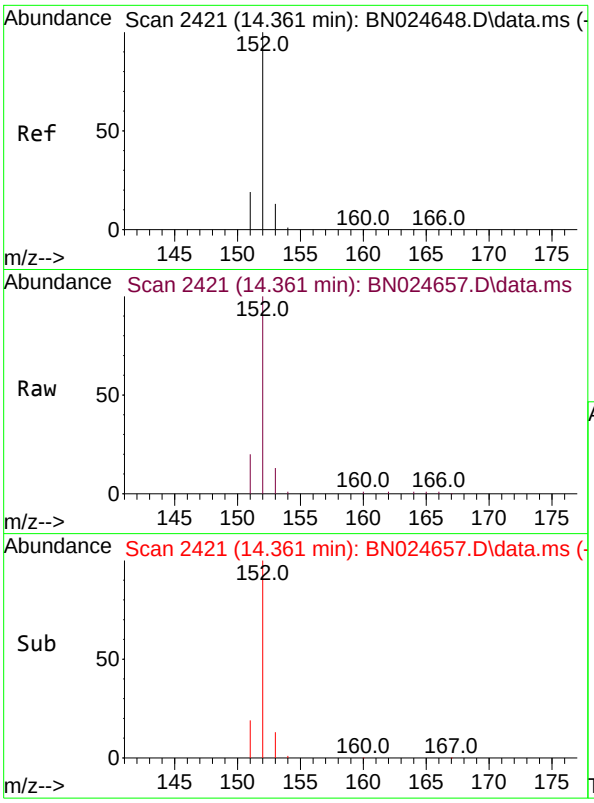


#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:142 Resp: 15838

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.5	110.3



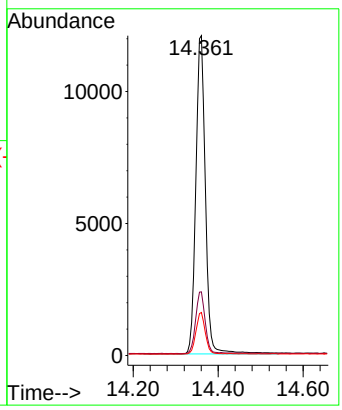


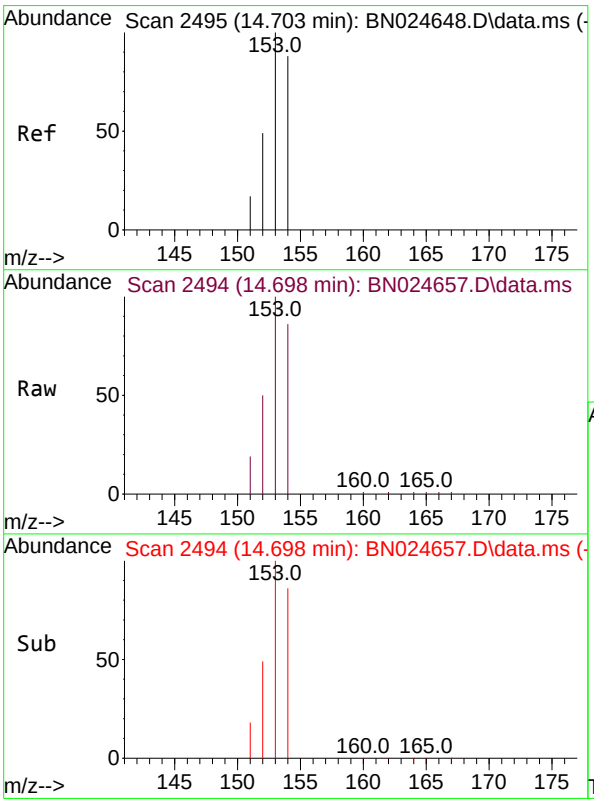
#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.361 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:152 Resp: 18953

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.5	10.6	16.0

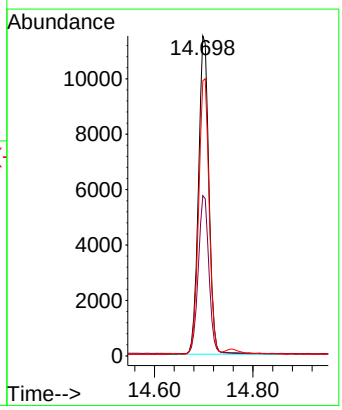


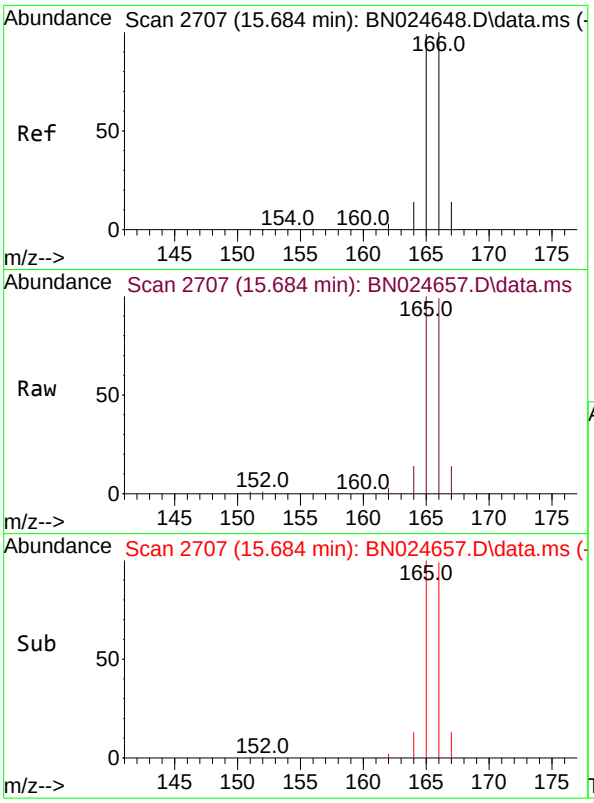


#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:153 Resp: 16837

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.3	60.5
154	86.0	71.0	106.4



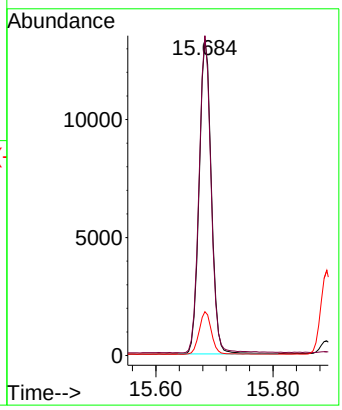


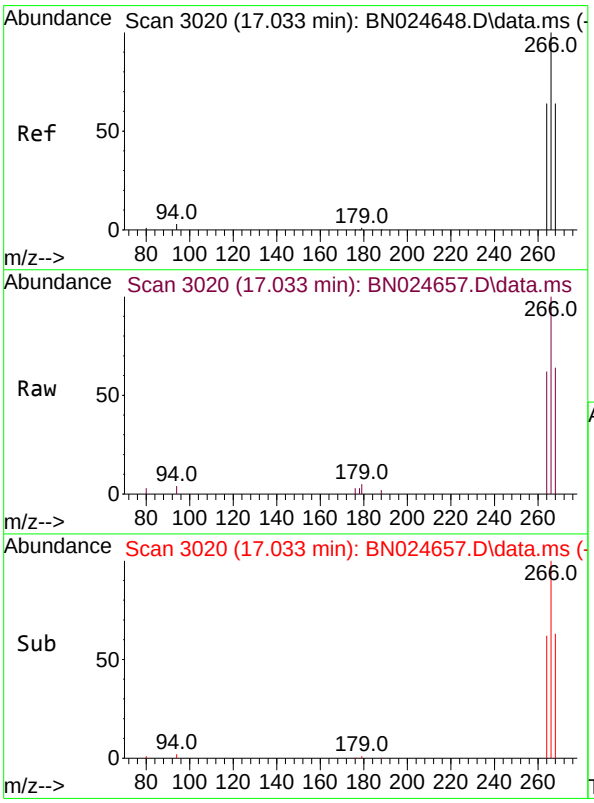
#12
Fluorene
Concen: 0.431 ng/ul
RT: 15.684 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:166 Resp: 19105

Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.0	120.0
167	13.9	10.8	16.2

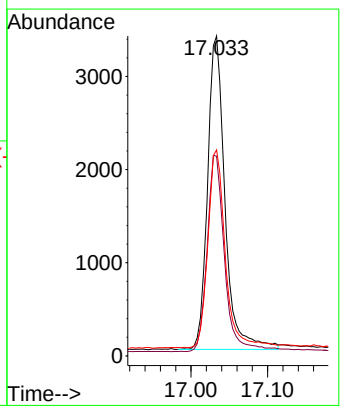


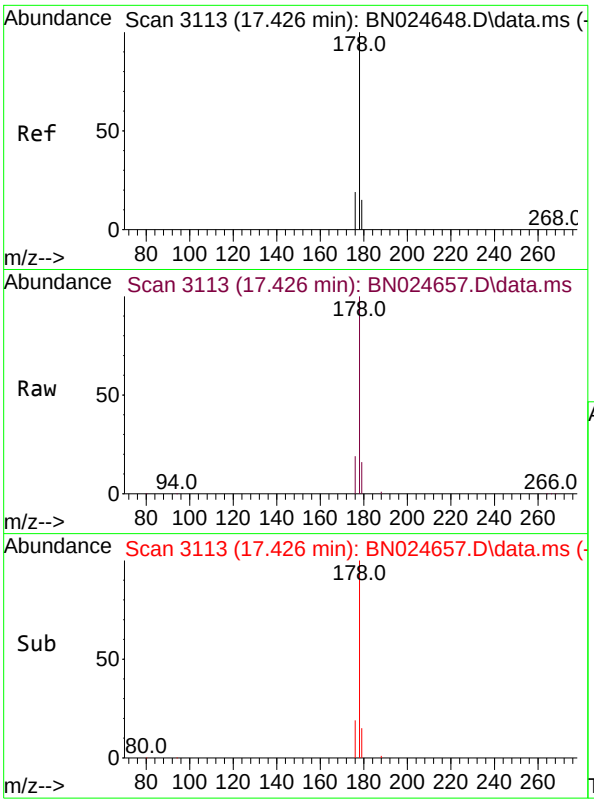


#14
Pentachlorophenol
Concen: 0.897 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:266 Resp: 5325

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.6	74.4
268	63.1	52.6	78.8





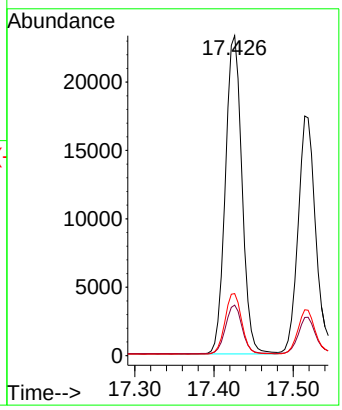
#15
Phenanthrene
Concen: 0.450 ng/ul
RT: 17.426 min Scan# 3

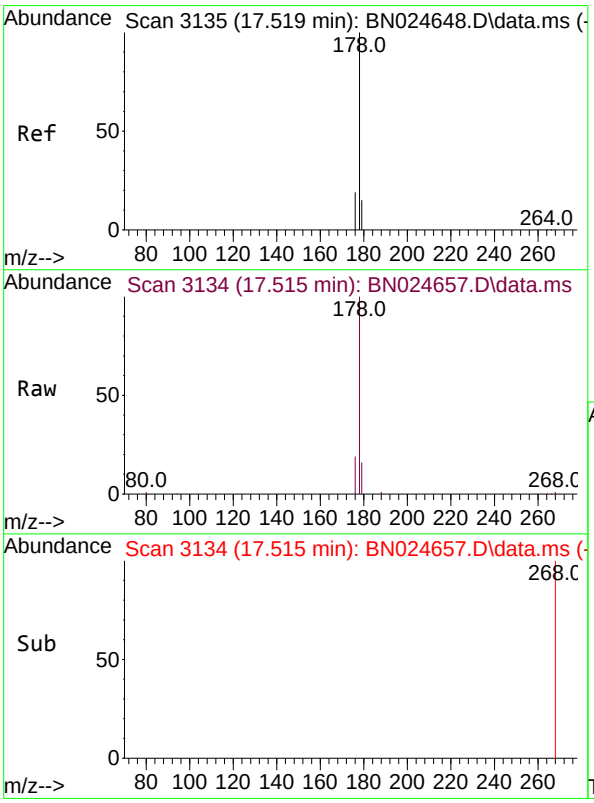
Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:178 Resp: 33885

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.4	15.5	23.3

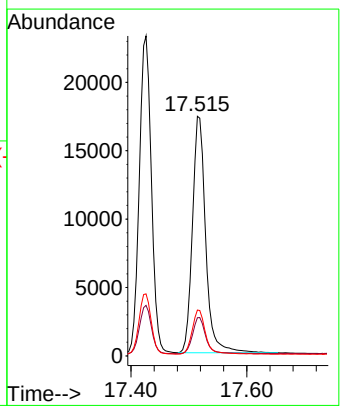


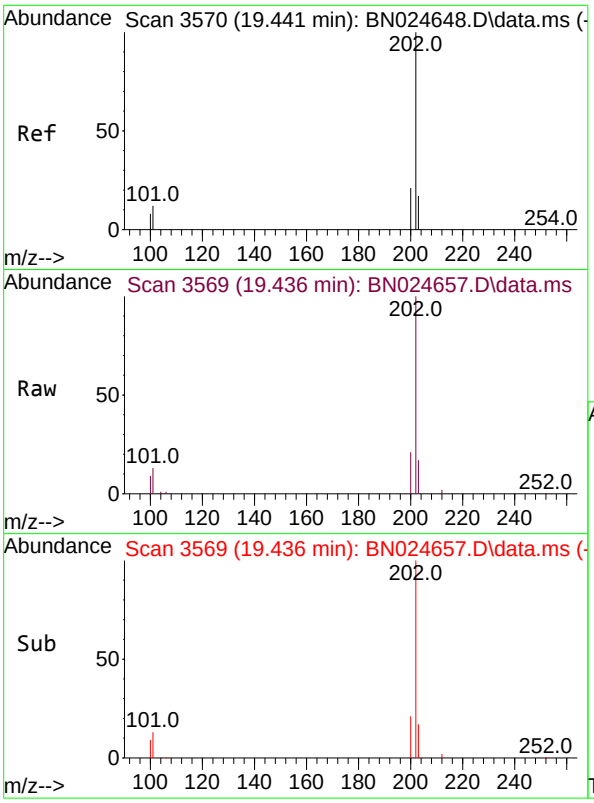


#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:178 Resp: 27449

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.1	15.2	22.8



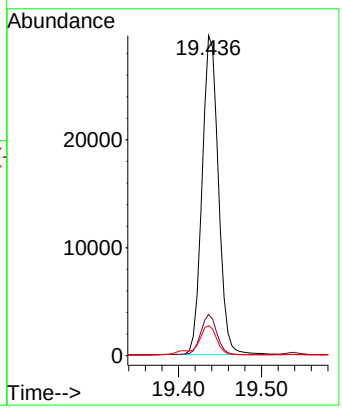


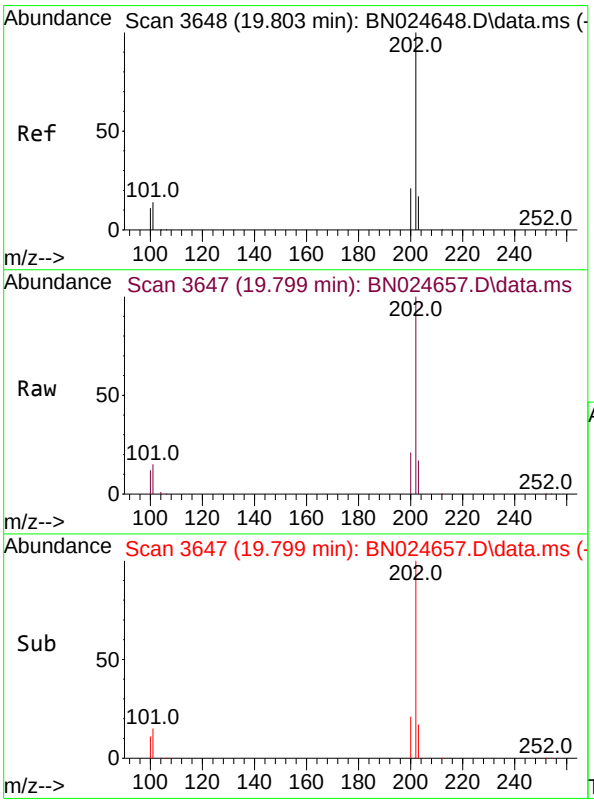
#19
Fluoranthene
Concen: 0.538 ng/ul
RT: 19.436 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:202 Resp: 40251

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.6	14.4
100	9.4	7.0	10.6

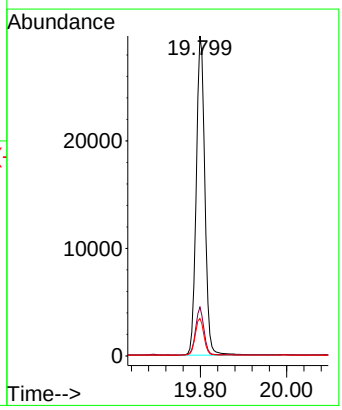


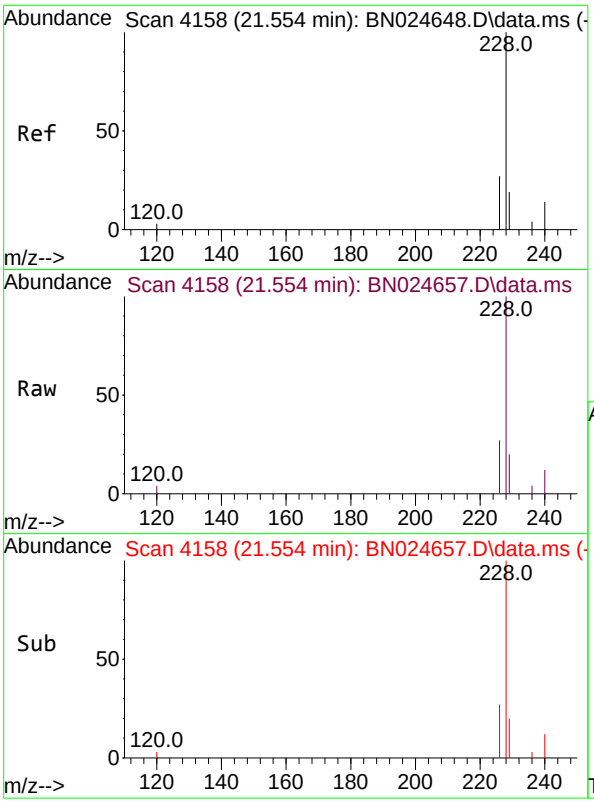


#20
Pyrene
Concen: 0.541 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:202 Resp: 41200

Ion	Ratio	Lower	Upper
202	100		
101	15.2	10.9	16.3
100	11.7	8.7	13.1



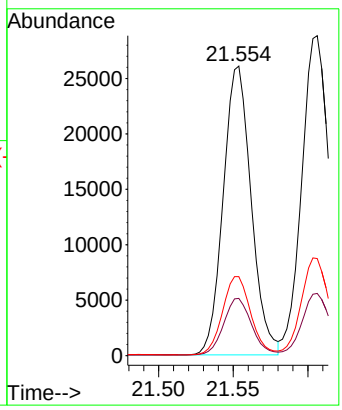


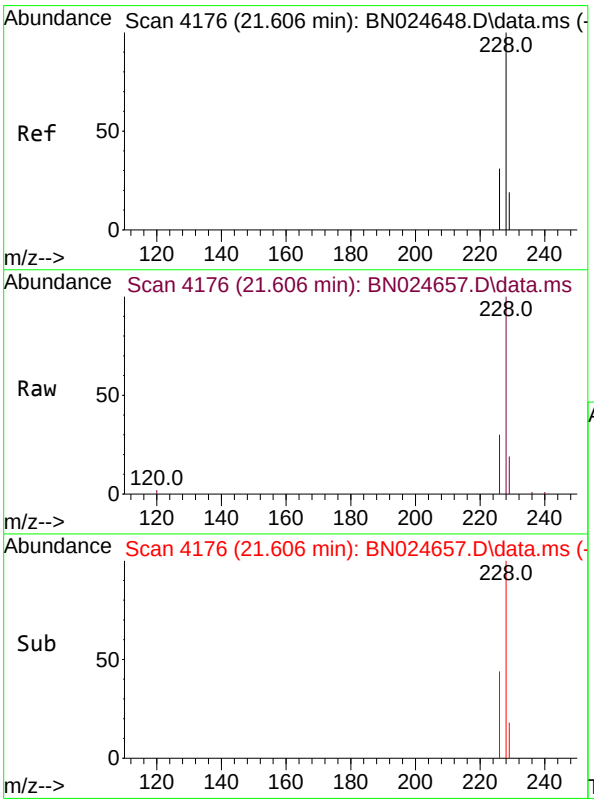
#21
Benzo(a)anthracene
Concen: 0.533 ng/ul
RT: 21.554 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:228 Resp: 34019

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.6	23.4
226	27.3	22.5	33.7

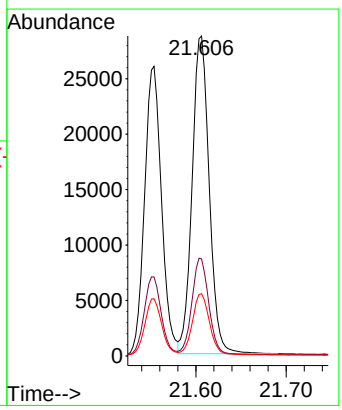


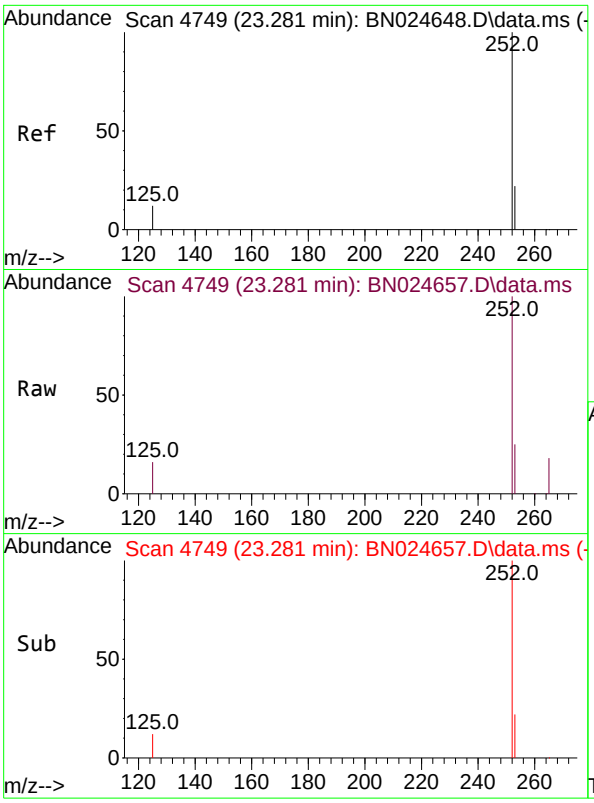


#22
Chrysene
Concen: 0.537 ng/ul
RT: 21.606 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:228 Resp: 37680

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.4	15.6	23.4



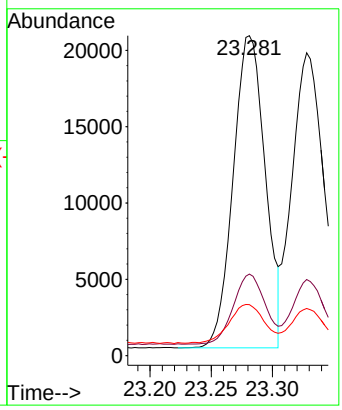


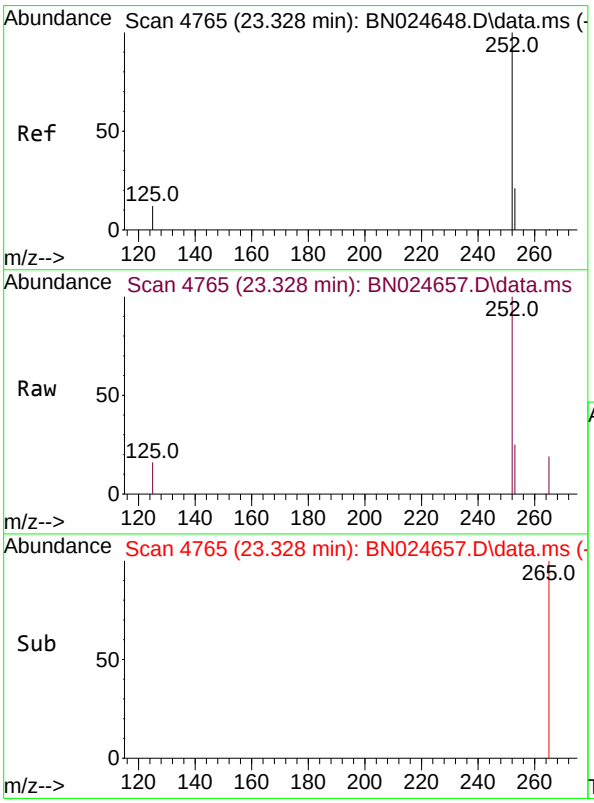
#24
Benzo(b)fluoranthene
Concen: 0.506 ng/ul
RT: 23.281 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:252 Resp: 37217

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	49.6
125	15.9	0.0	32.4

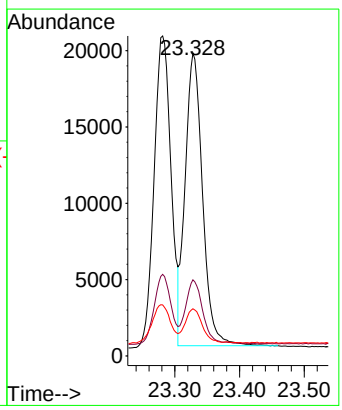


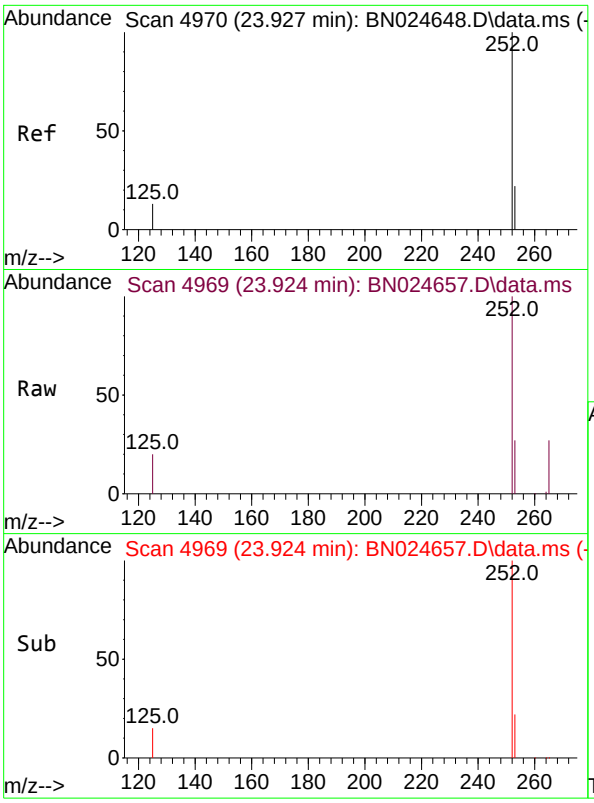


#25
Benzo(k)fluoranthene
Concen: 0.507 ng/ul
RT: 23.328 min Scan# 4765
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:252 Resp: 35917

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	15.6	13.1	19.7



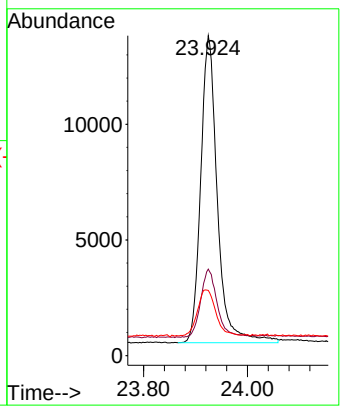


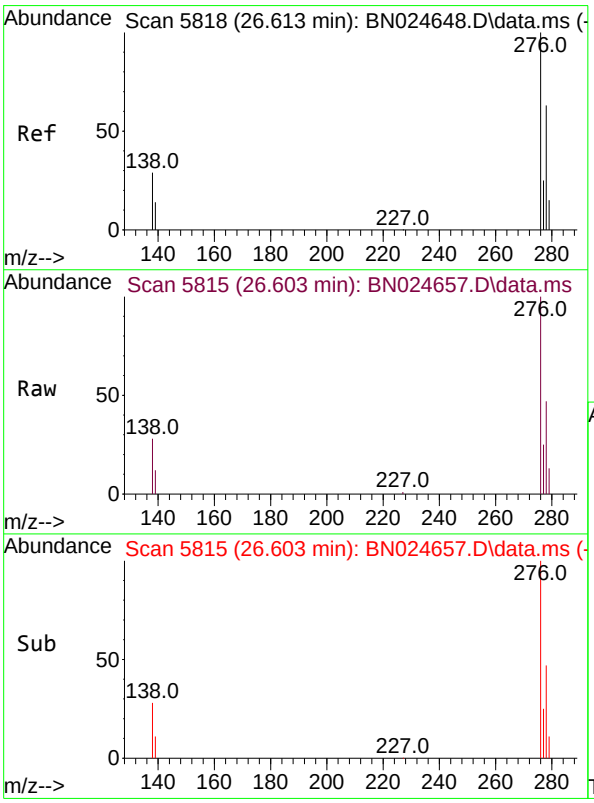
#26
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 23.924 min Scan# 49
Delta R.T. -0.003 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:252 Resp: 29459

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.8	32.8
125	20.4	15.4	23.0

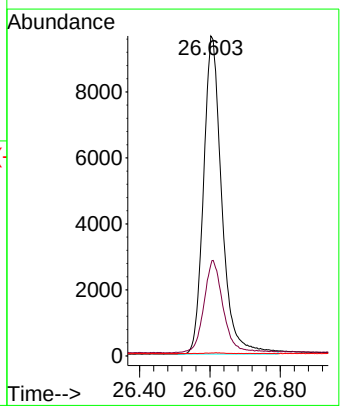


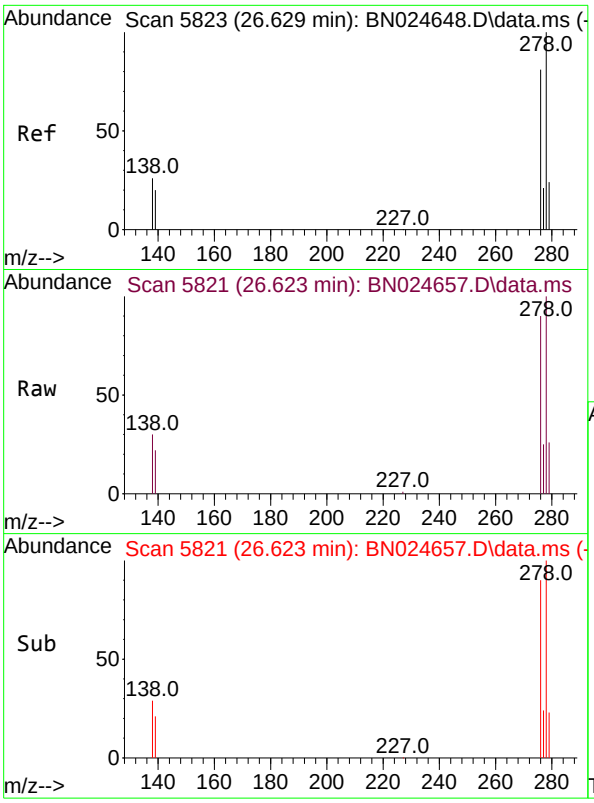


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng/ul
RT: 26.603 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:276 Resp: 34764

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.6	36.8
227	0.1	0.1	0.1#



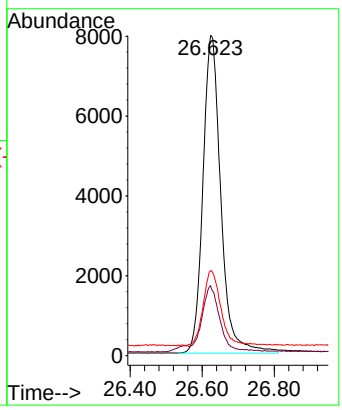


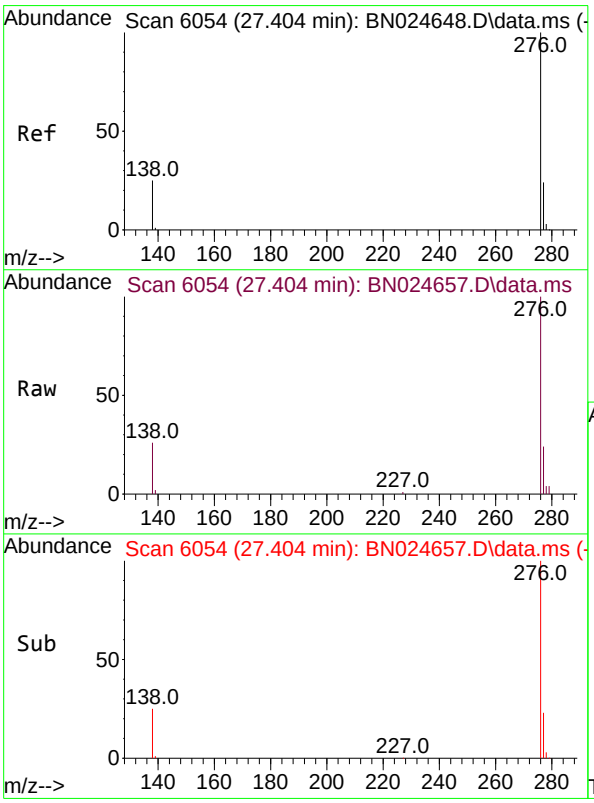
#28
Dibenzo(a,h)anthracene
Concen: 0.498 ng/ul
RT: 26.623 min Scan# 58
Delta R.T. -0.007 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Instrument :
BNA_N
ClientSampleId :
EYF73MSD

Tgt Ion:278 Resp: 27458

Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.5	24.7
279	26.4	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 27.404 min Scan# 6054
Delta R.T. 0.000 min
Lab File: BN024657.D
Acq: 30 Mar 2023 23:50

Tgt Ion:276 Resp: 28860

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.4	32.2
277	24.2	19.8	29.6