Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062922\
Data File : BN020575.D
Acq On : 29 Jun 2022 18:31
Operator : CG/JU
Sample : N3355-12MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Quant Time: Jun 29 19:06:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:17:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	2868	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.524	136	9631	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.368	164	5518	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.112	188	11202	0.400	ng/ul	0.00
17) Chrysene-d12	21.303	240	9011	0.400	ng/ul	0.00
23) Perylene-d12	23.586	264	6678	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	964	0.290	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.119	152	5412	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	13224	0.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	2694	0.794	ng/ul#	81
5) Naphthalene	10.568	128	10195	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.190	142	6375	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.410	142	6805	0.361	ng/ul	100
10) Acenaphthylene	14.086	152	9383	0.359	ng/ul	99
11) Acenaphthene	14.433	153	7355	0.351	ng/ul	98
12) Fluorene	15.418	166	8488	0.342	ng/ul	99
14) Pentachlorophenol	16.778	266	1444	0.639	ng/ul	100
15) Phenanthrene	17.154	178	15204	0.390	ng/ul	99
16) Anthracene	17.247	178	11800	0.351	ng/ul	100
19) Fluoranthene	19.174	202	17299	0.420	ng/ul	99
20) Pyrene	19.537	202	17593	0.412	ng/ul	99
21) Benzo(a)anthracene	21.286	228	12926	0.399	ng/ul	100
22) Chrysene	21.341	228	15253	0.423	ng/ul	100
24) Benzo(b)fluoranthene	22.893	252	12971	0.420	ng/ul	98
25) Benzo(k)fluoranthene	22.940	252	12928	0.414	ng/ul	99
26) Benzo(a)pyrene	23.484	252	10395	0.370	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.916	276	11295	0.404	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.926	278	9228	0.409	ng/ul	100
29) Benzo(g,h,i)perylene	26.627	276	9892	0.412	ng/ul	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062922\
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Quant Time: Jun 29 19:06:12 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:17:34 2022
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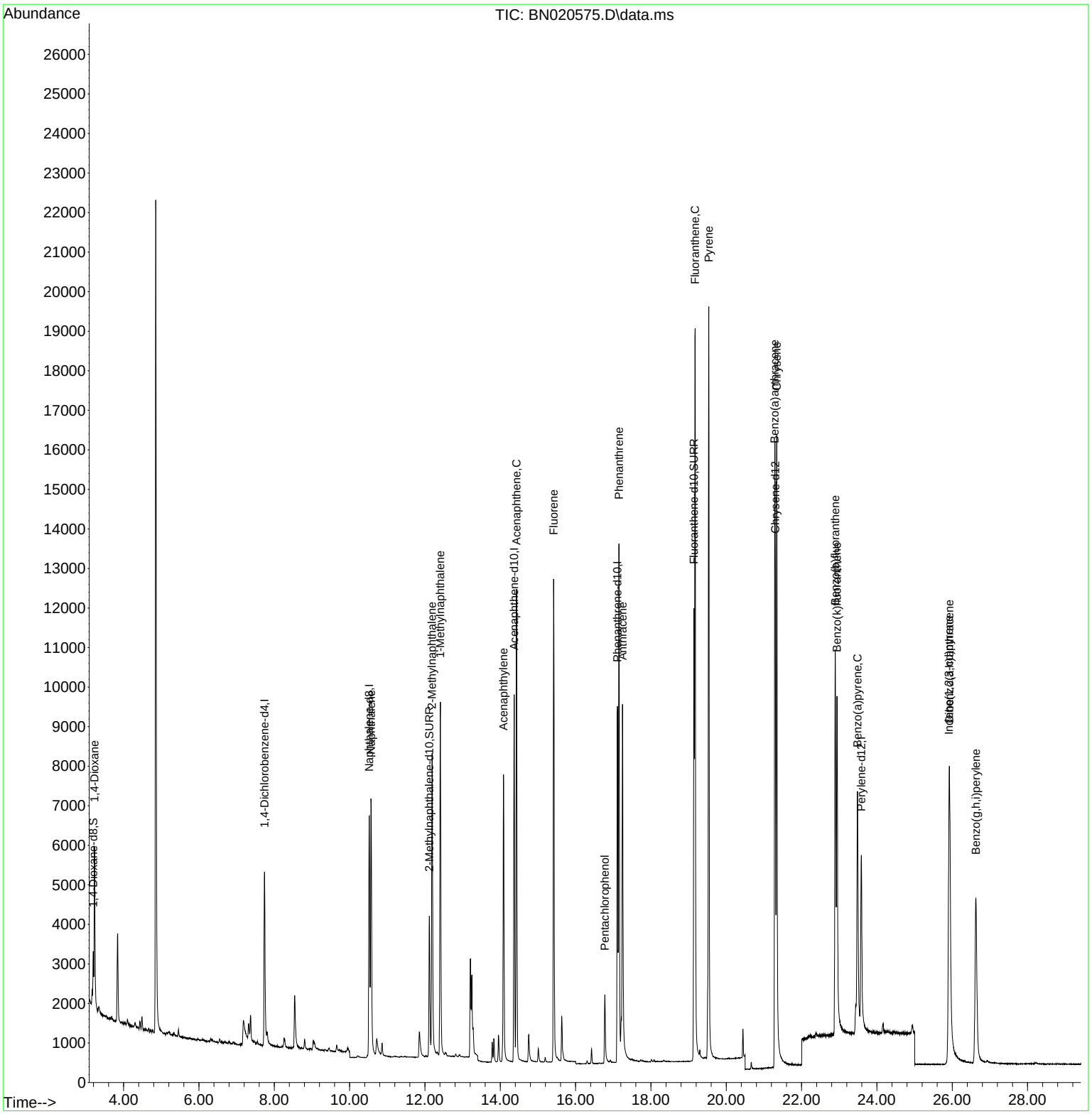
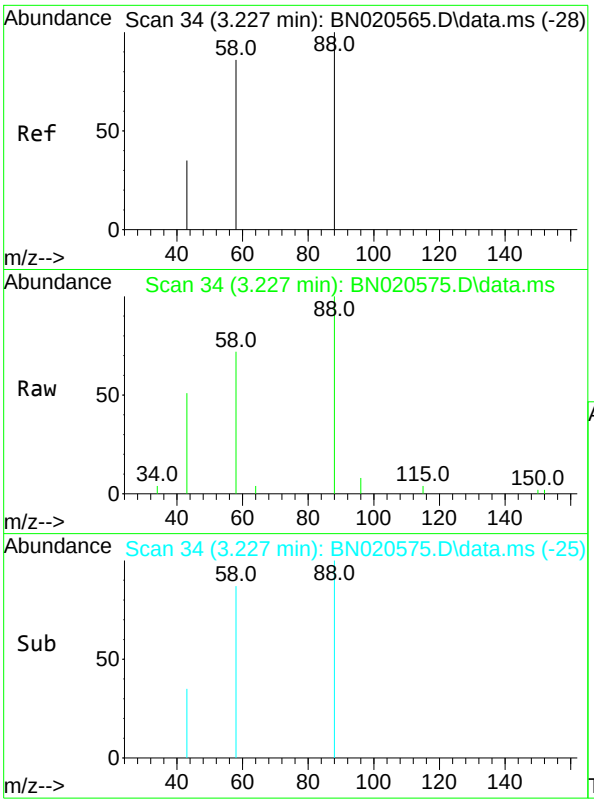


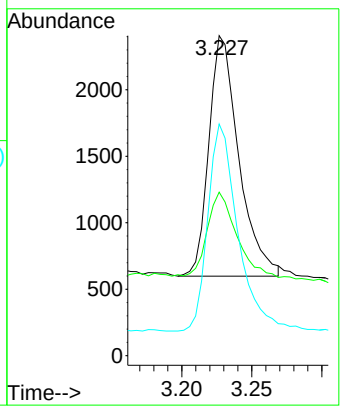


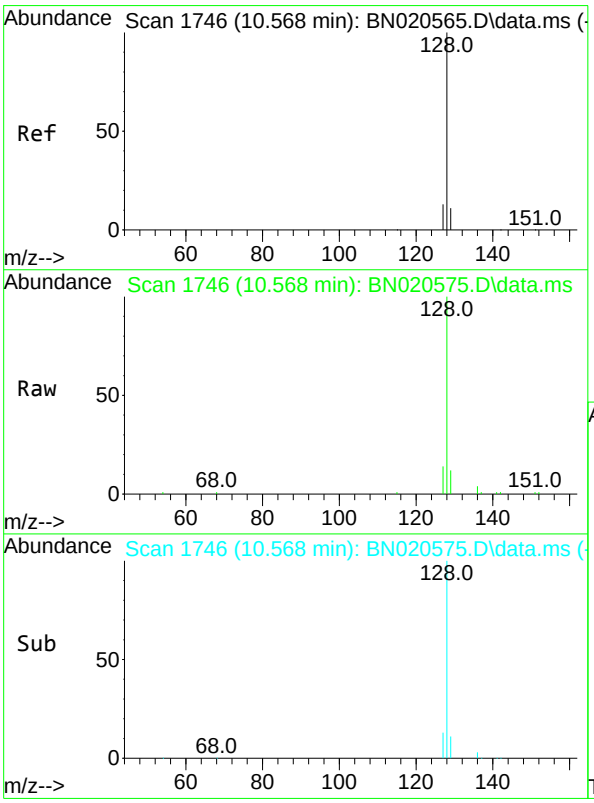
#2
1,4-Dioxane
Concen: 0.794 ng/ul
RT: 3.227 min Scan# 34
Delta R.T. -0.012 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion: 88 Resp: 2694

Ion	Ratio	Lower	Upper
88	100		
43	51.1	32.5	48.7#
58	72.4	46.2	69.2#

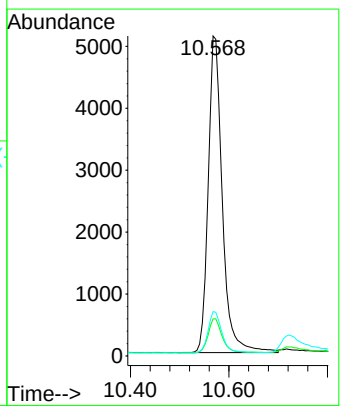


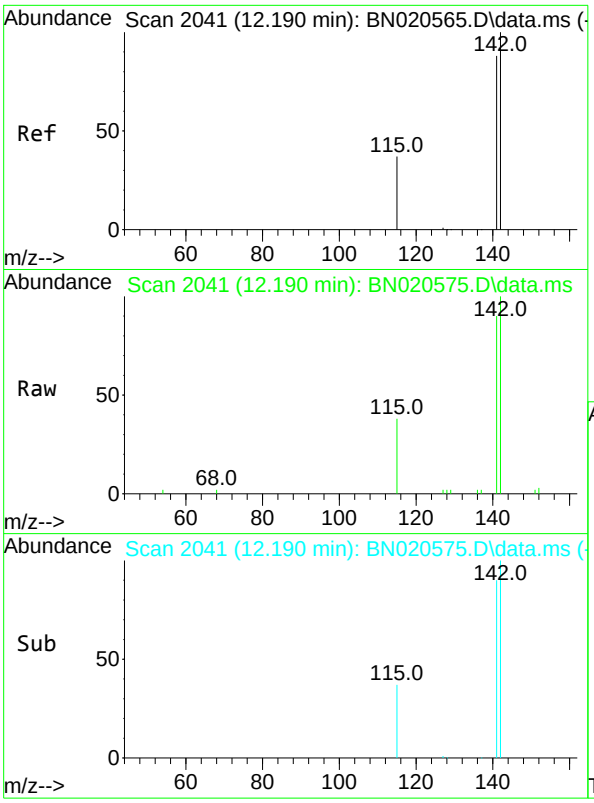


#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.568 min Scan# 1746
Delta R.T. -0.015 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:128 Resp: 10195

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.8	11.3	16.9



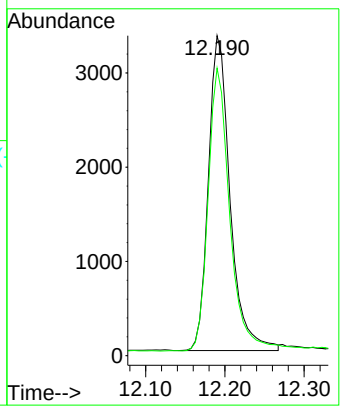


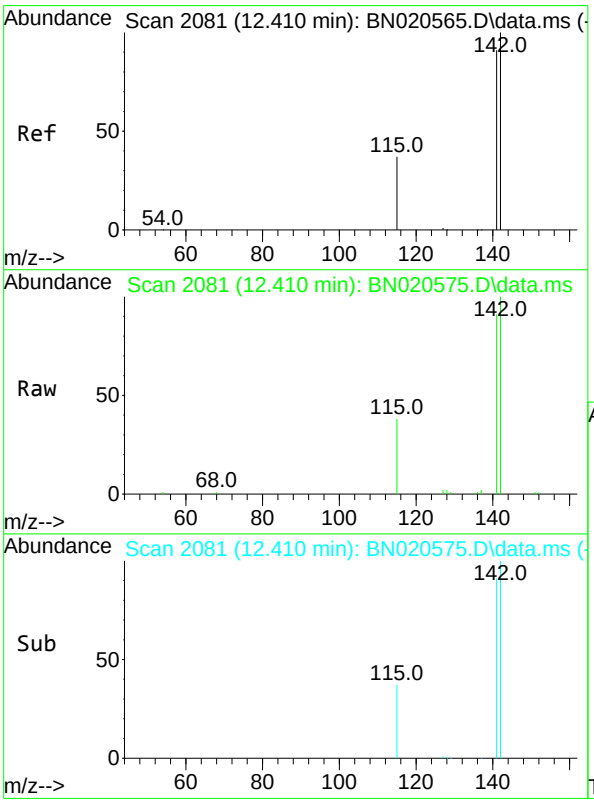
#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.190 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:142 Resp: 6375

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.1	108.1

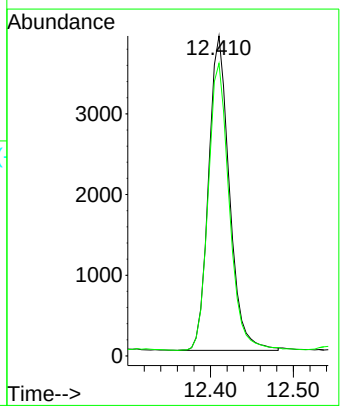


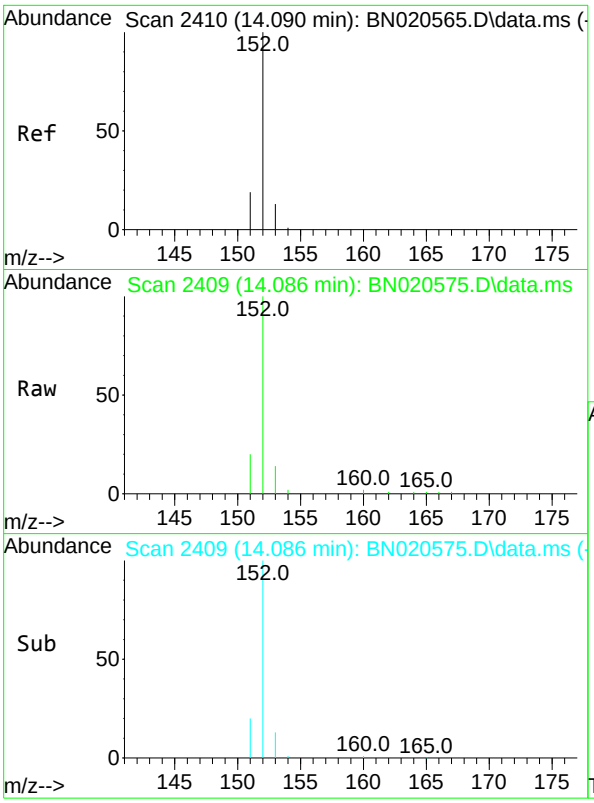


#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.410 min Scan# 2081
Delta R.T. -0.009 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:142 Resp: 6805

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5



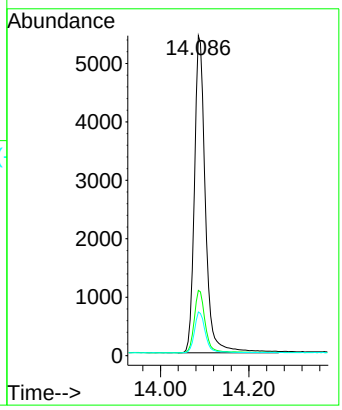


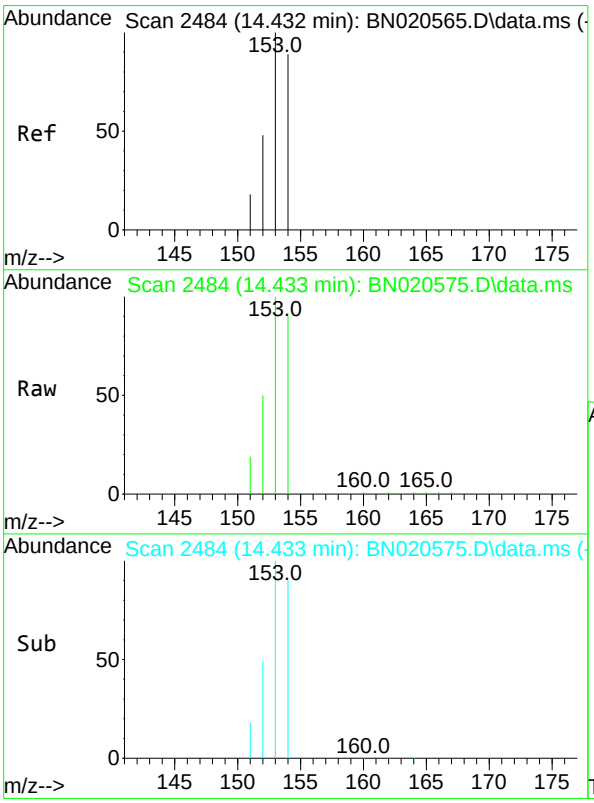
#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.086 min Scan# 24
Delta R.T. -0.012 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:152 Resp: 9383

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.7	11.1	16.7

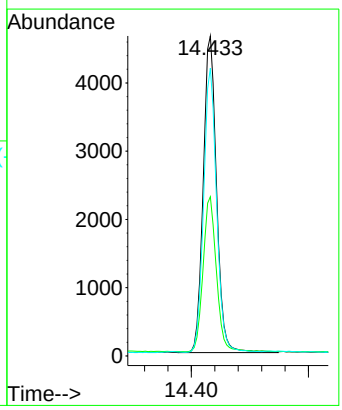


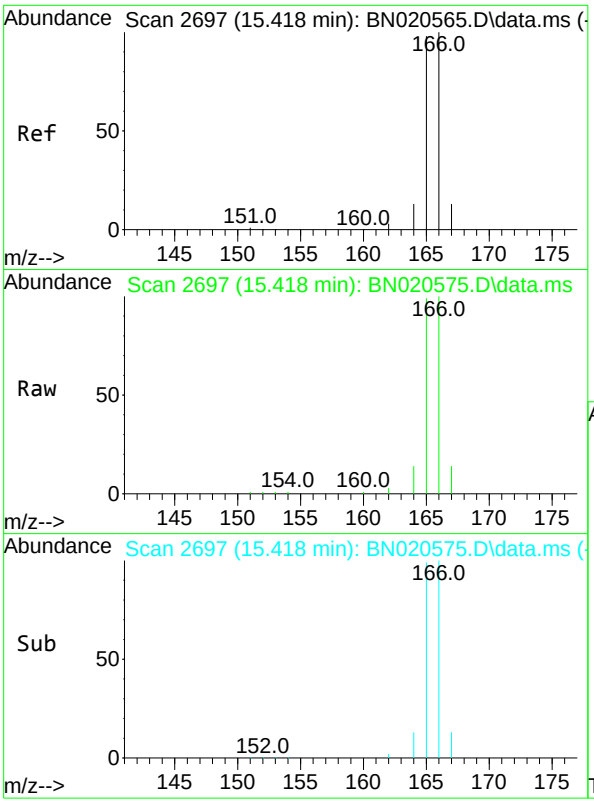


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.433 min Scan# 2484
Delta R.T. -0.008 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:153 Resp: 7355

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.0	60.0
154	90.0	70.0	105.0



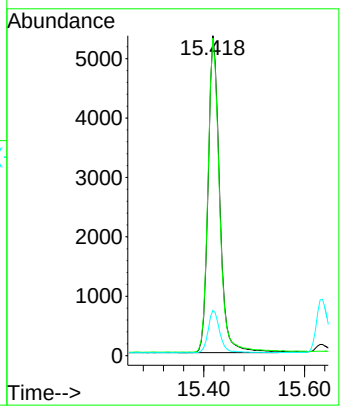


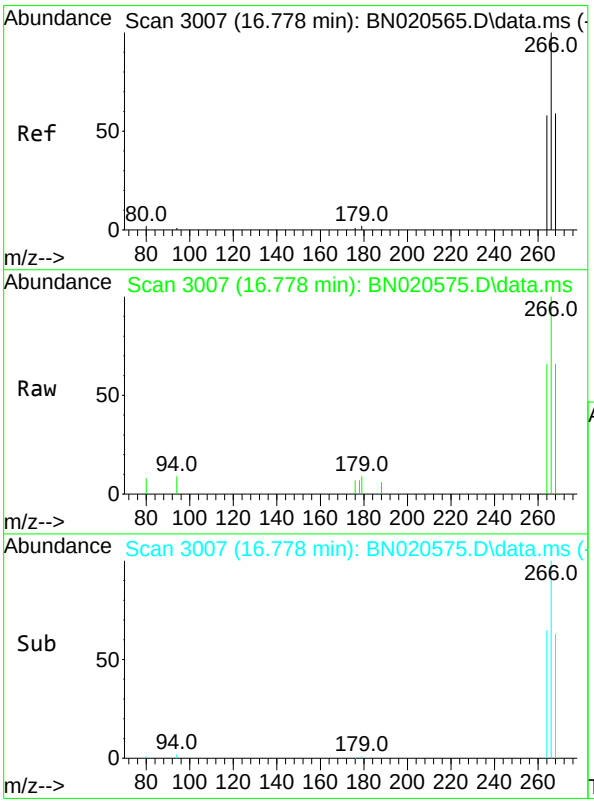
#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.418 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:166 Resp: 8488

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.2
167	14.2	11.3	16.9

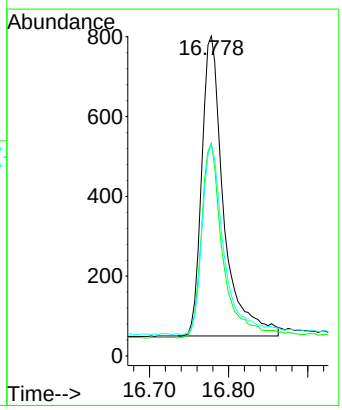


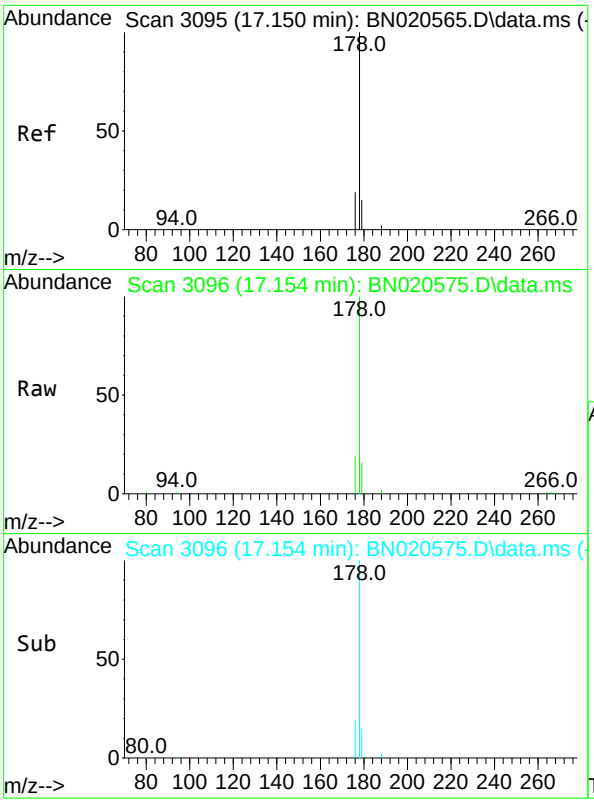


#14
Pentachlorophenol
Concen: 0.639 ng/ul
RT: 16.778 min Scan# 3007
Delta R.T. -0.007 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:266 Resp: 1444

Ion	Ratio	Lower	Upper
266	100		
264	64.2	51.6	77.4
268	64.1	51.5	77.3



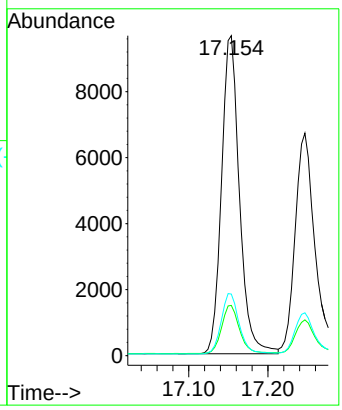


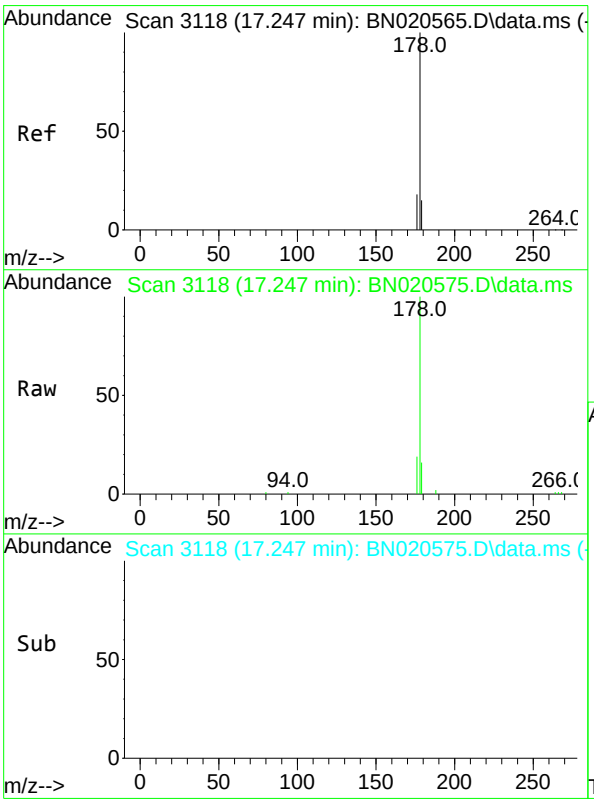
#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.154 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:178 Resp: 15204

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.3	15.8	23.6

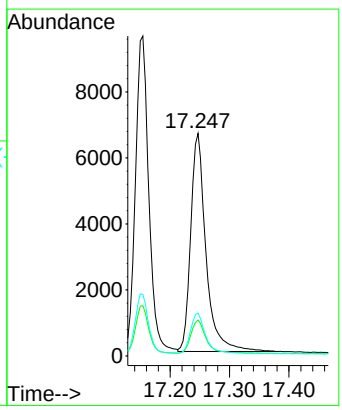


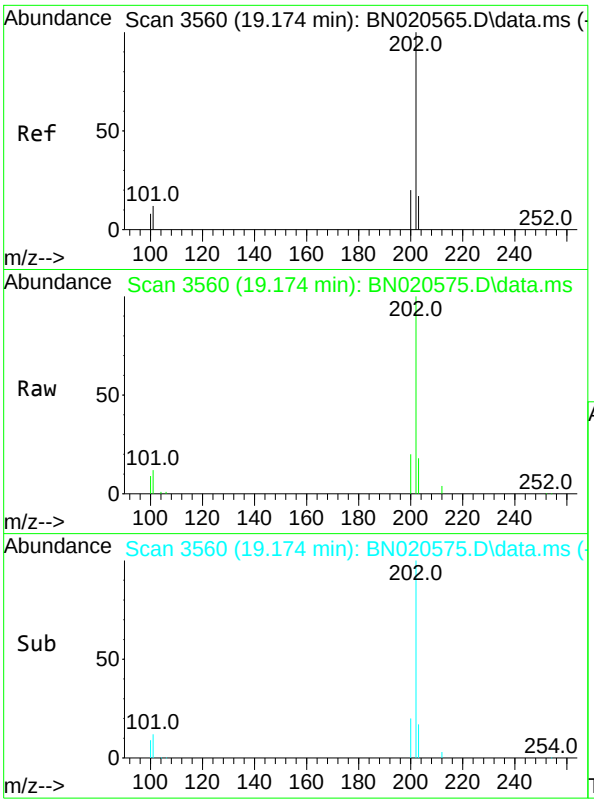


#16
Anthracene
Concen: 0.351 ng/ul
RT: 17.247 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:178 Resp: 11800

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.2	15.2	22.8



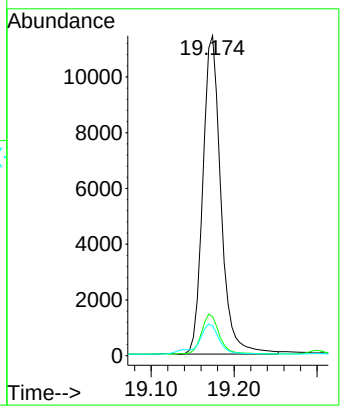


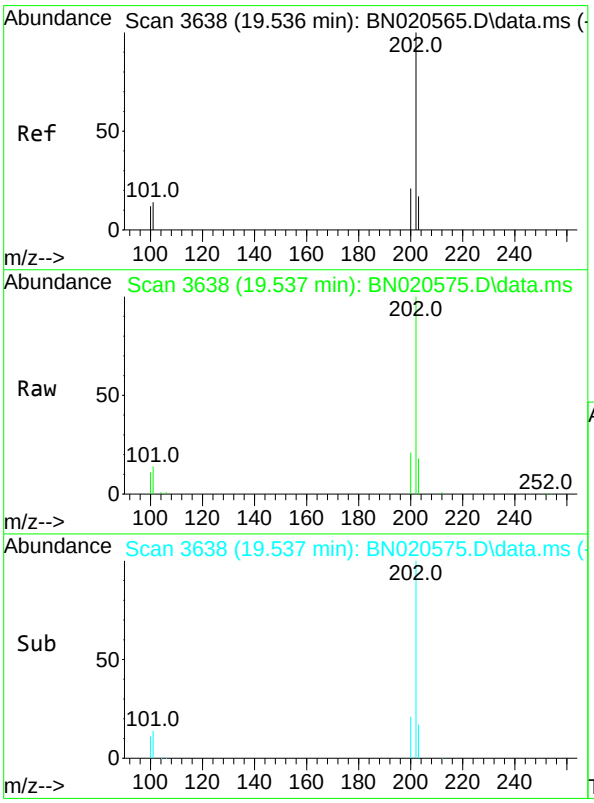
#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.174 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:202 Resp: 17299

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.3	15.5
100	9.3	7.8	11.6

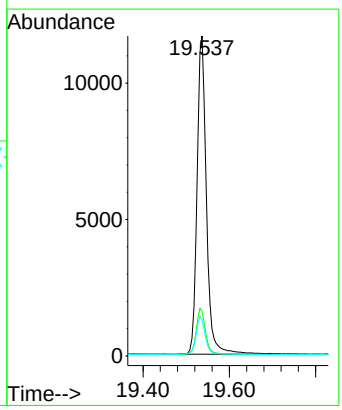


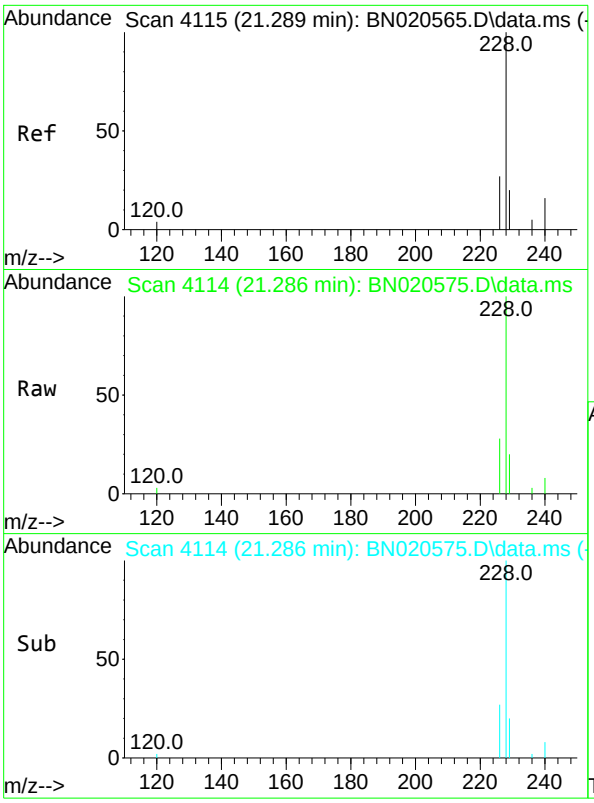


#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.537 min Scan# 3638
Delta R.T. -0.007 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:202 Resp: 17593

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.6	17.4
100	11.1	9.2	13.8



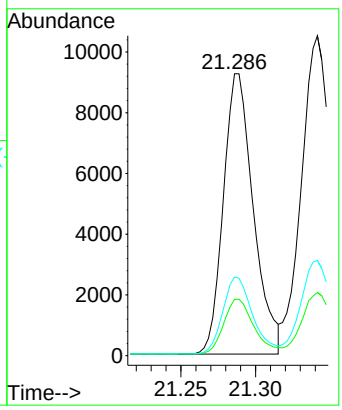


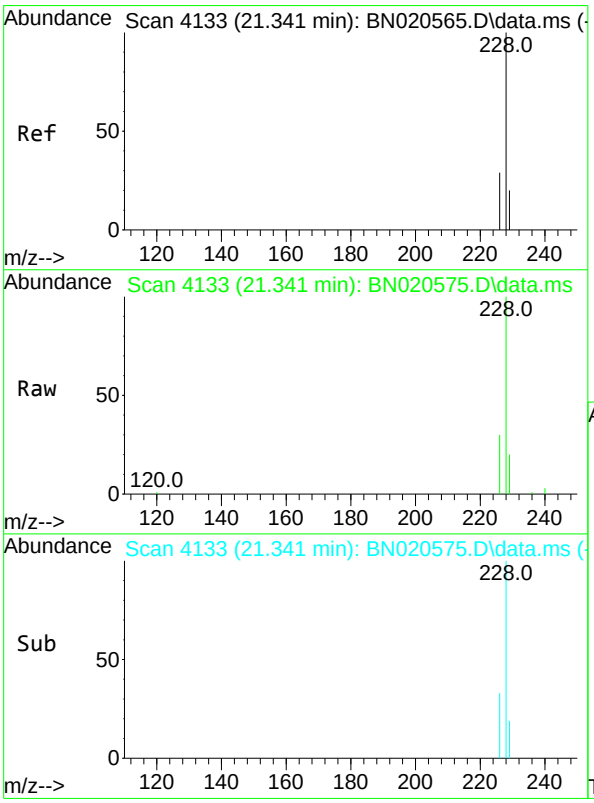
#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.286 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:228 Resp: 12926

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	27.9	22.2	33.2

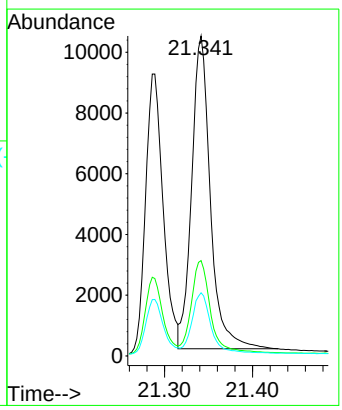


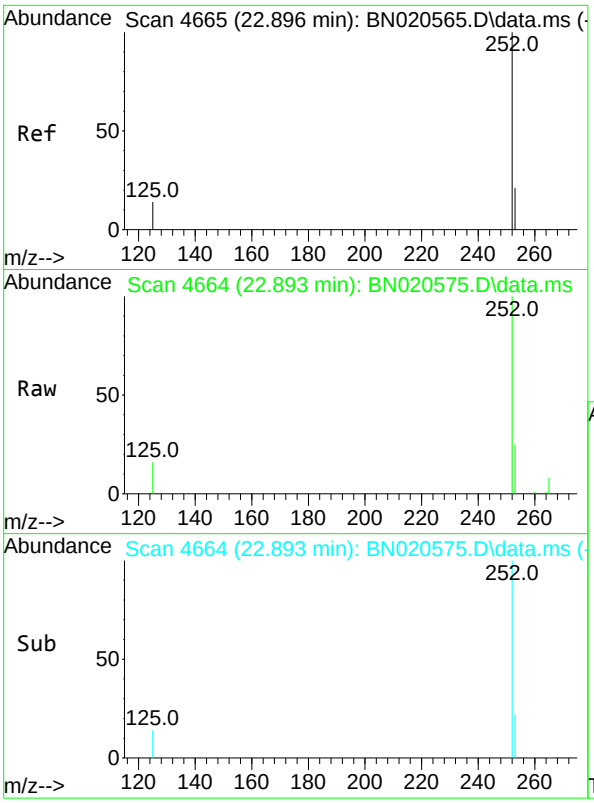


#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.341 min Scan# 4133
Delta R.T. -0.006 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:228 Resp: 15253

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.7	15.8	23.8



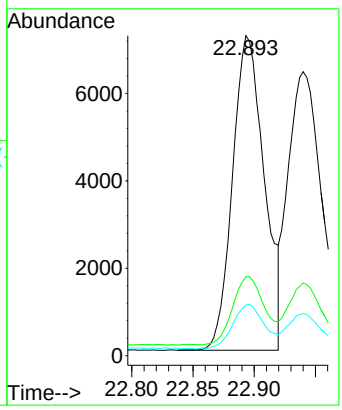


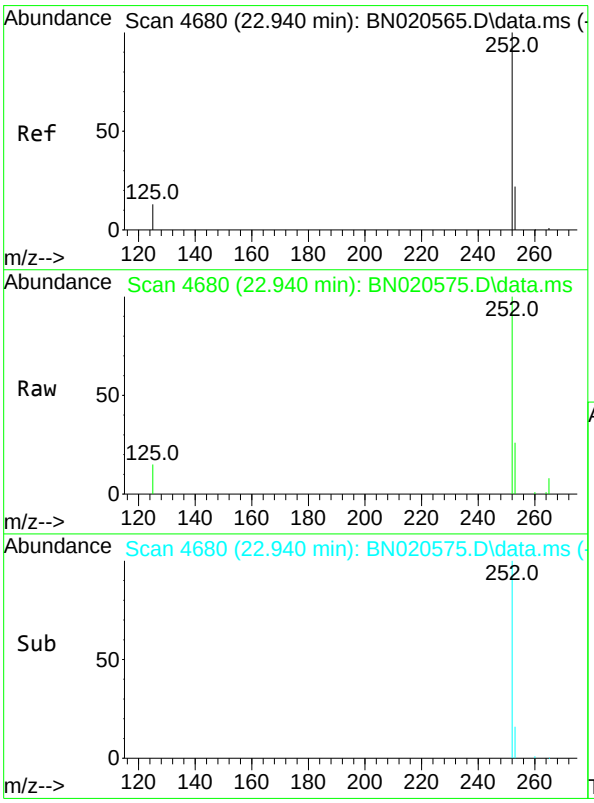
#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 22.893 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:252 Resp: 12971

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	48.6
125	15.8	0.0	34.0

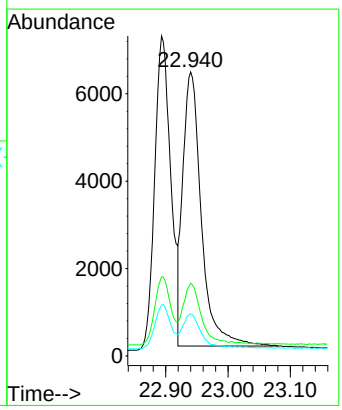


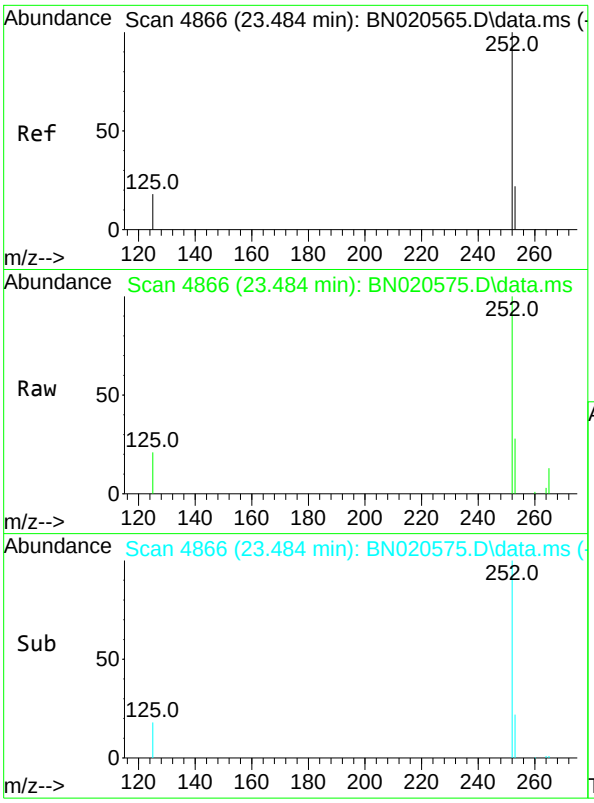


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.940 min Scan# 4680
Delta R.T. -0.011 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:252 Resp: 12928

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.7	29.5
125	14.8	12.0	18.0



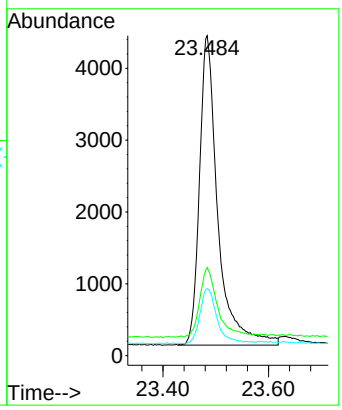


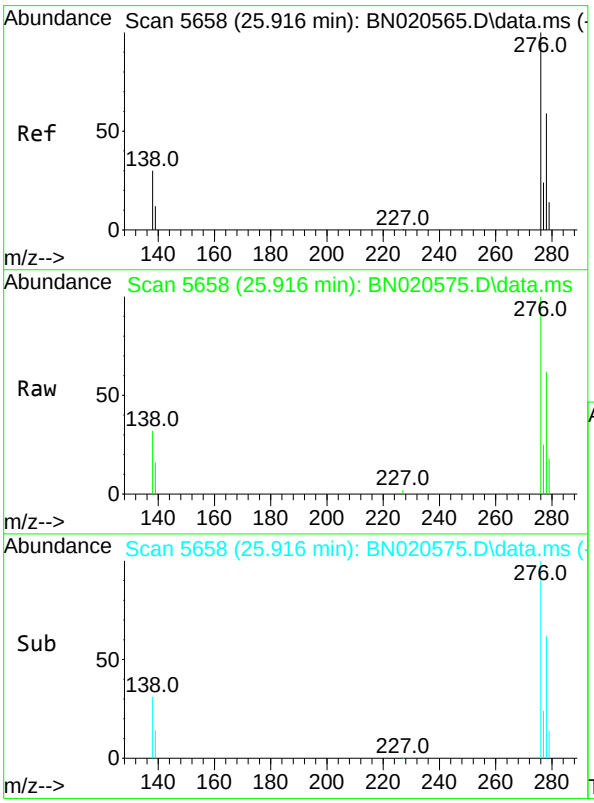
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.484 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:252 Resp: 10395

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.0	31.4
125	21.0	18.8	28.2

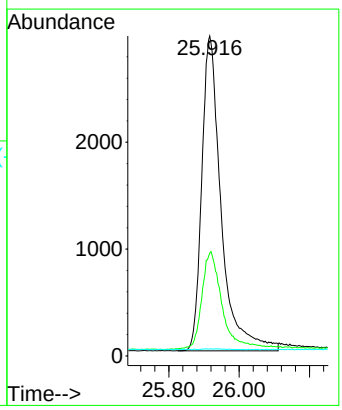


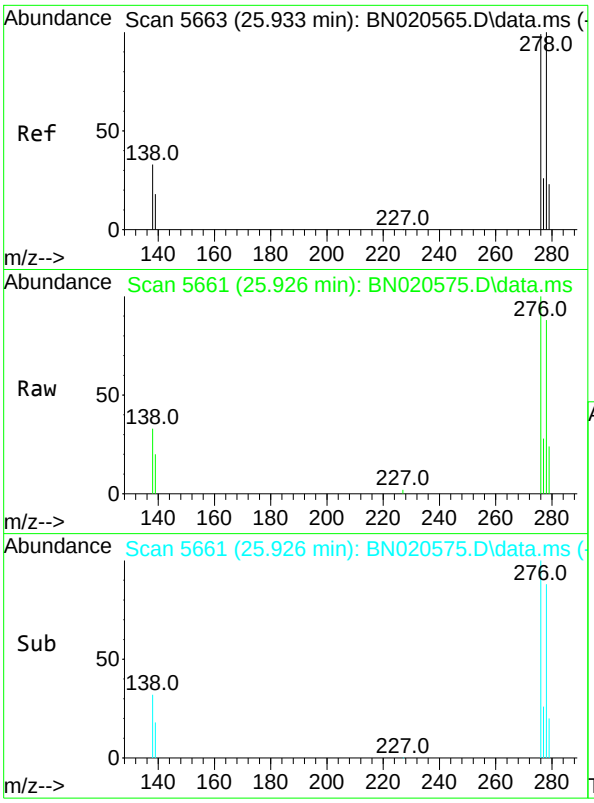


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 25.916 min Scan# 5658
Delta R.T. -0.017 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:276 Resp: 11295

Ion	Ratio	Lower	Upper
276	100		
138	32.6	27.4	41.2
227	0.1	0.2	0.2#



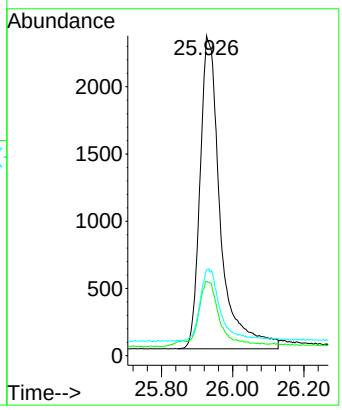


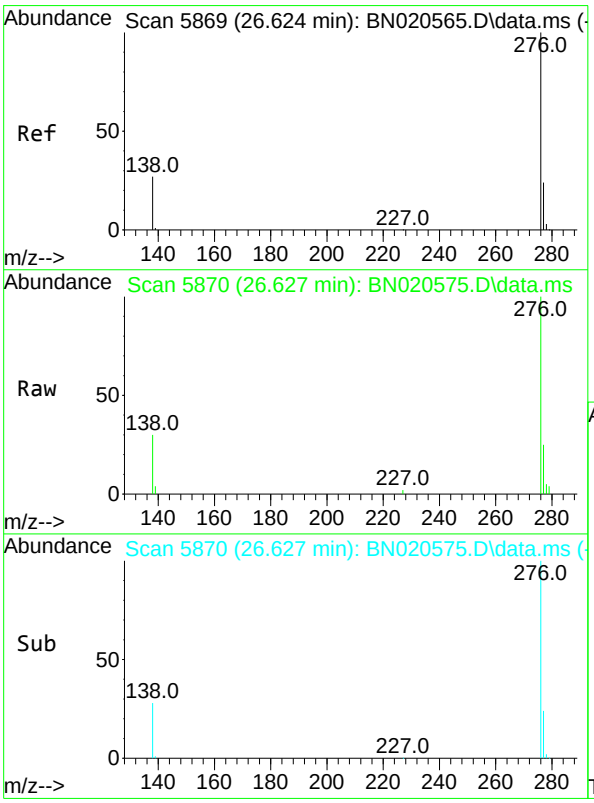
#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 25.926 min Scan# 5
Delta R.T. -0.023 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Instrument :
BNA_N
ClientSampleId :
EY0C9MS

Tgt Ion:278 Resp: 9228

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.8	28.2
279	26.8	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.627 min Scan# 5870
Delta R.T. -0.020 min
Lab File: BN020575.D
Acq: 29 Jun 2022 18:31

Tgt Ion:276 Resp: 9892

Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.5	35.3
277	25.2	20.1	30.1