Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
Data File : BN021214.D
Acq On : 13 Aug 2022 16:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 14 23:05:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	3053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.580	136	10413	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.434	164	5989	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.189	188	10998	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	7384	0.400	ng/ul	0.00
23) Perylene-d12	23.722	264	5596	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	1467	0.376	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	6168	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	11375	0.499	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	1552	0.386	ng/ul#	86
5) Naphthalene	10.629	128	11209	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.257	142	6848	0.353	ng/ul	98
8) 1-Methylnaphthalene	12.472	142	7685	0.396	ng/ul	99
10) Acenaphthylene	14.156	152	9775	0.349	ng/ul	99
11) Acenaphthene	14.498	153	7963	0.344	ng/ul	99
12) Fluorene	15.493	166	8589	0.339	ng/ul	100
14) Pentachlorophenol	16.868	266	345	0.203	ng/ul	99
15) Phenanthrene	17.231	178	13318	0.339	ng/ul	99
16) Anthracene	17.328	178	10589	0.347	ng/ul	99
19) Fluoranthene	19.254	202	13834	0.423	ng/ul	98
20) Pyrene	19.621	202	14109	0.418	ng/ul	98
21) Benzo(a)anthracene	21.377	228	7907	0.328	ng/ul	99
22) Chrysene	21.427	228	10259	0.323	ng/ul	99
24) Benzo(b)fluoranthene	23.014	252	8721	0.337	ng/ul	98
25) Benzo(k)fluoranthene	23.061	252	9170	0.335	ng/ul	98
26) Benzo(a)pyrene	23.619	252	8082	0.342	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.129	276	8689	0.308	ng/ul	99
28) Dibenzo(a,h)anthracene	26.152	278	6669	0.299	ng/ul	97
29) Benzo(g,h,i)perylene	26.866	276	8121	0.323	ng/ul	98

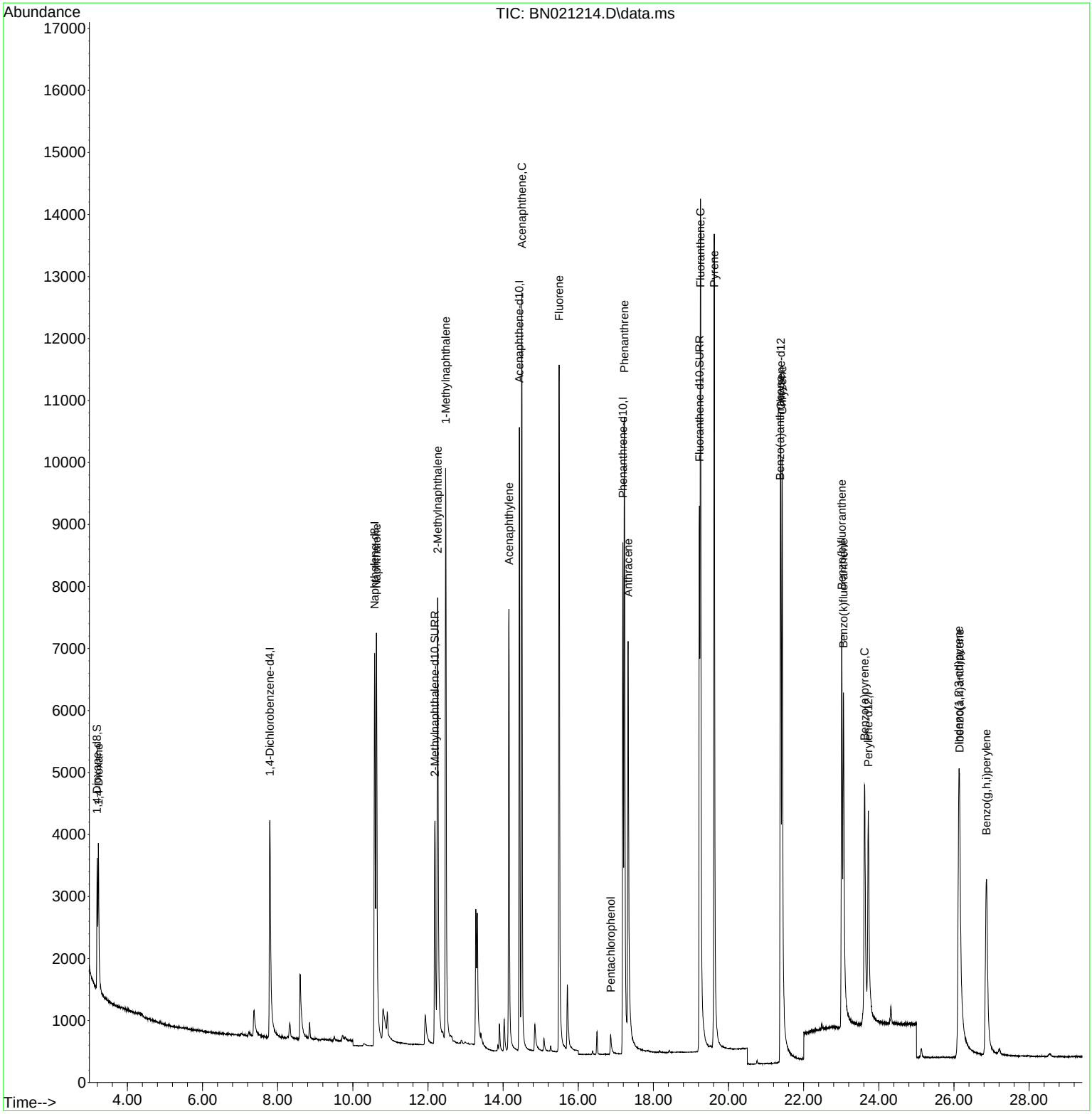
(#) = qualifier out of range (m) = manual integration (+) = signals summed

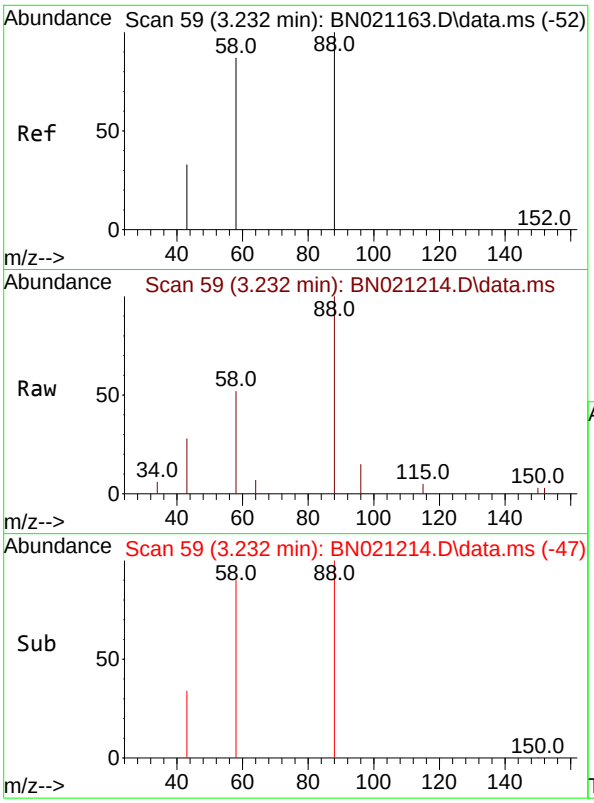
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
Data File : BN021214.D
Acq On : 13 Aug 2022 16:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 14 23:05:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration



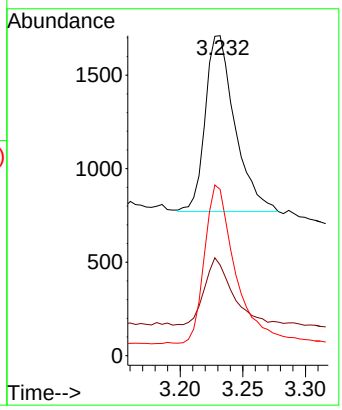


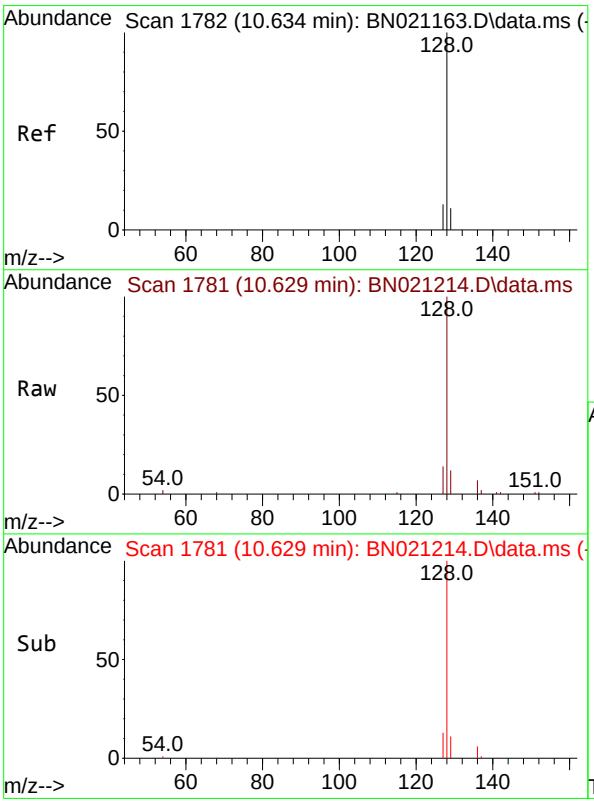
#2
1,4-Dioxane
Concen: 0.386 ng/ul
RT: 3.232 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1552

Ion	Ratio	Lower	Upper
88	100		
43	28.3	31.4	47.0#
58	52.0	49.0	73.6

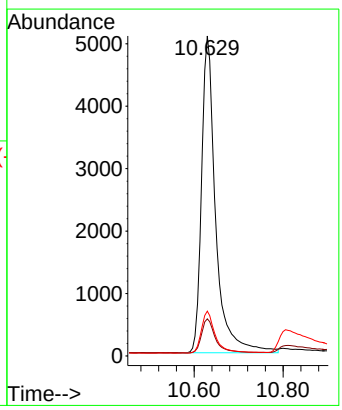


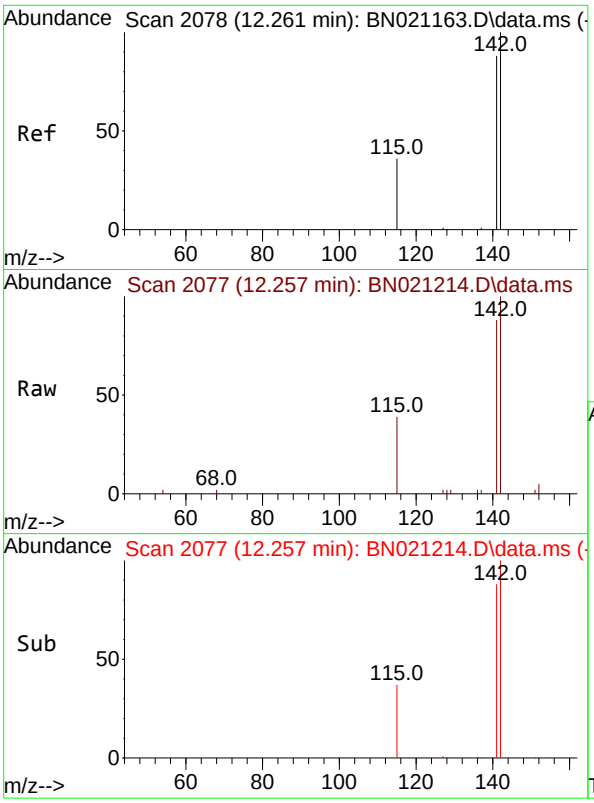


#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:128 Resp: 11209

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	14.0	11.6	17.4



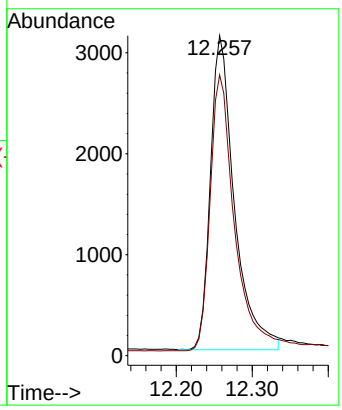


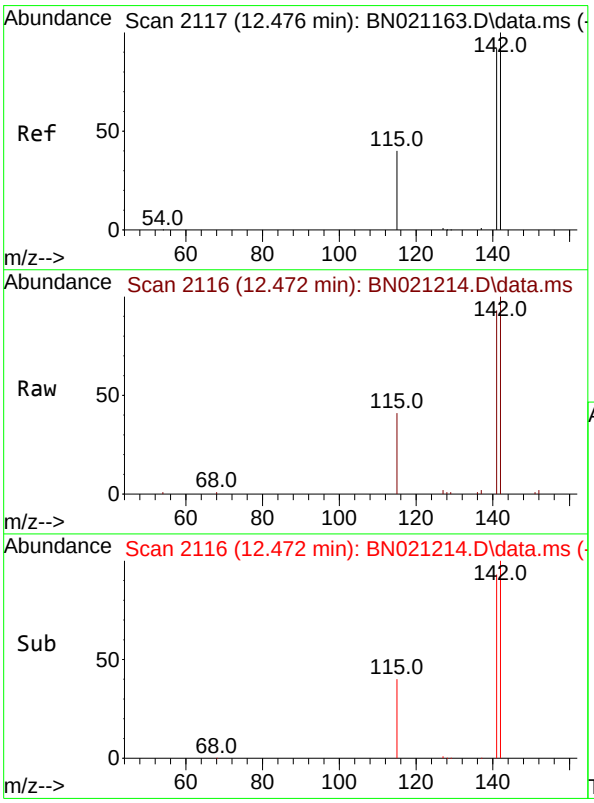
#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.257 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6848

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.2

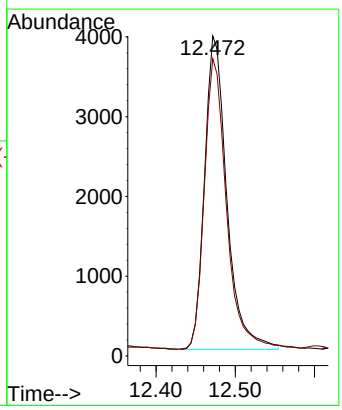


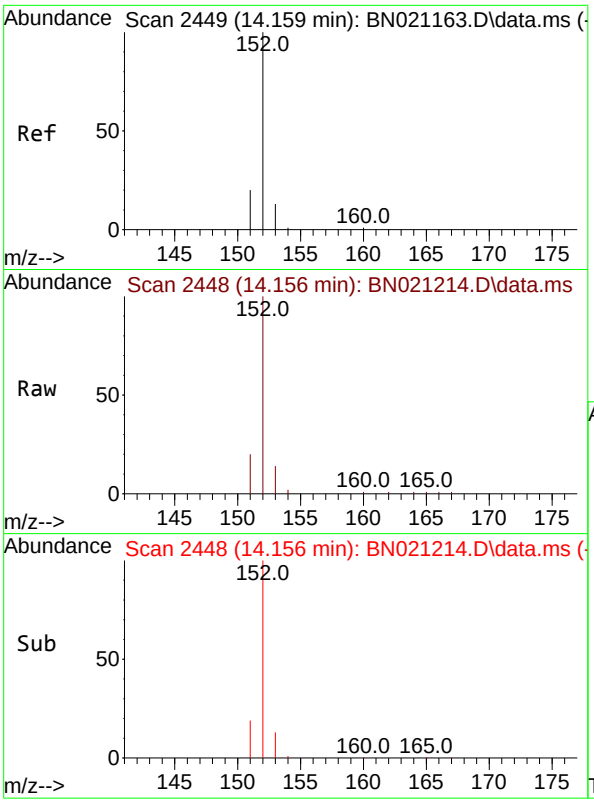


#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.472 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:142 Resp: 7685

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9



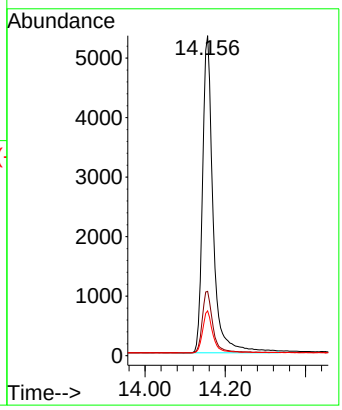


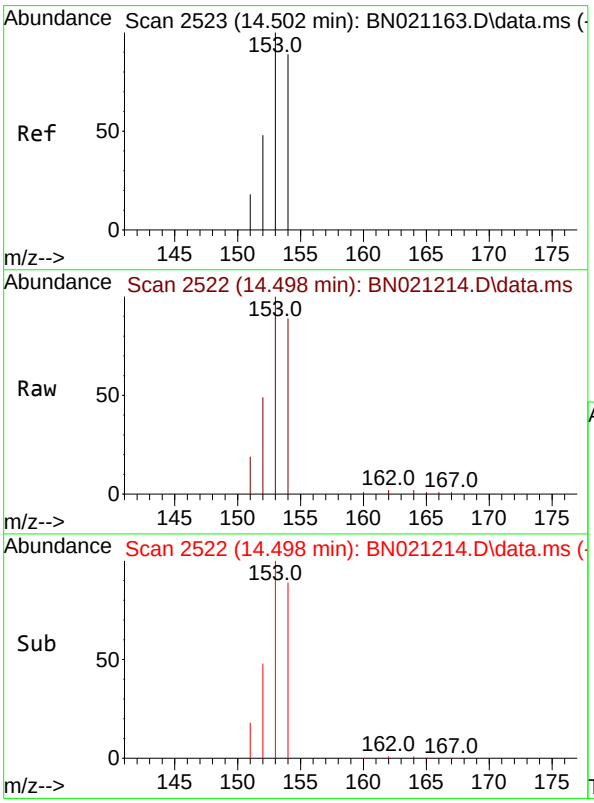
#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.156 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9775

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	14.0	11.2	16.8

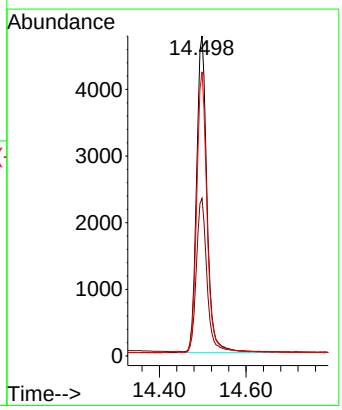


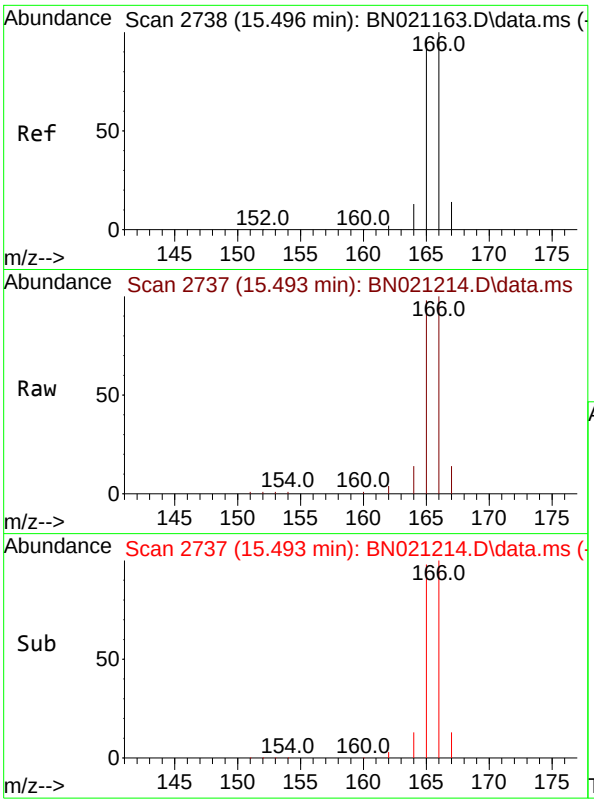


#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:153 Resp: 7963

Ion	Ratio	Lower	Upper
153	100		
152	49.2	40.2	60.4
154	88.8	70.7	106.1



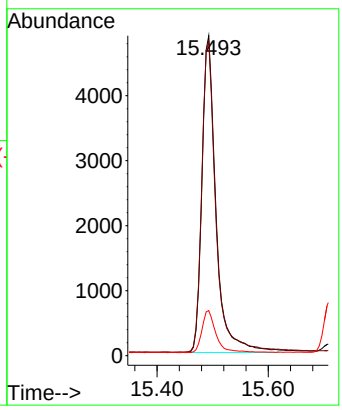


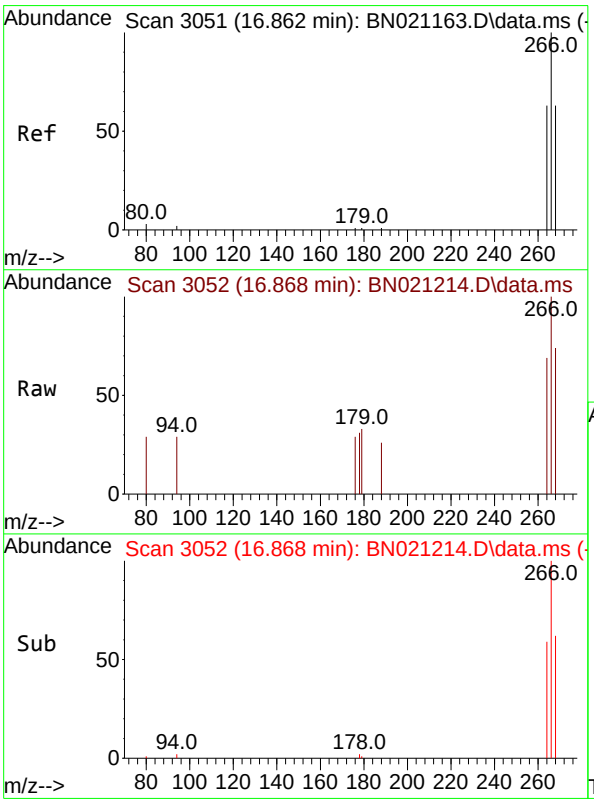
#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.493 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 8589

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.1	11.8	17.6

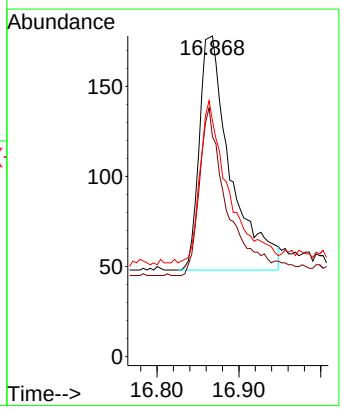


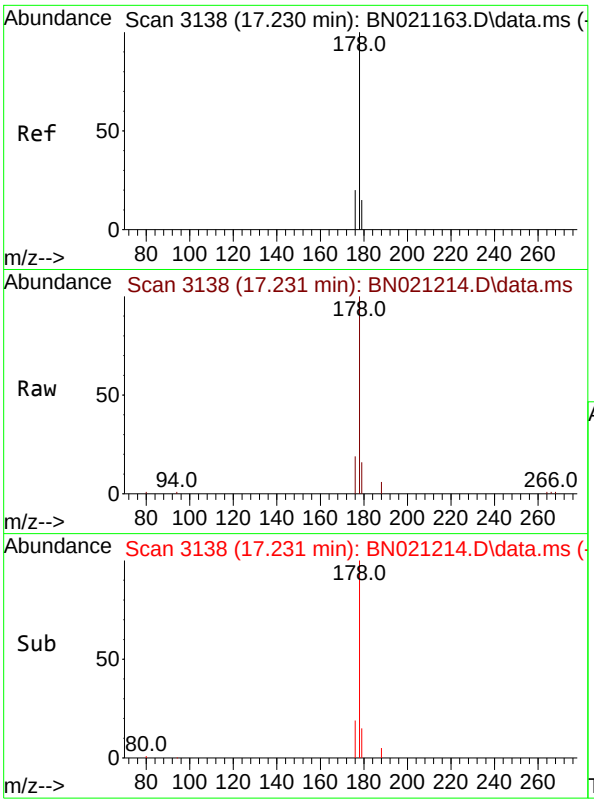


#14
Pentachlorophenol
Concen: 0.203 ng/ul
RT: 16.868 min Scan# 3052
Delta R.T. 0.004 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:266 Resp: 345

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	63.5	50.6	75.8



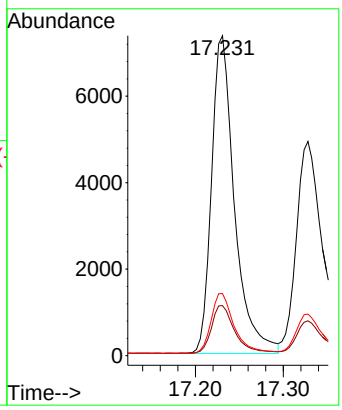


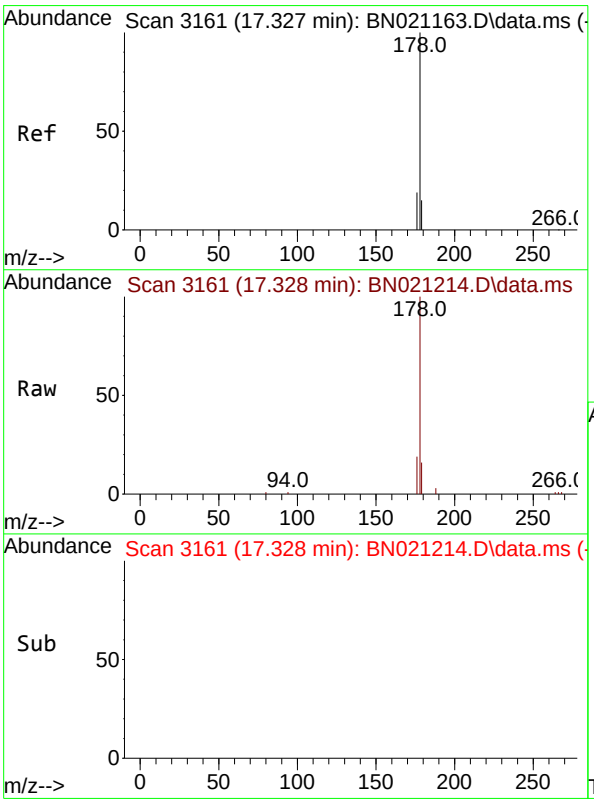
#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.231 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13318

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.4	15.9	23.9

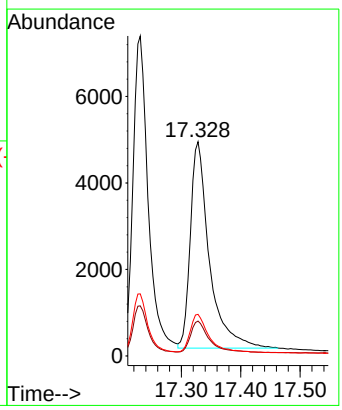


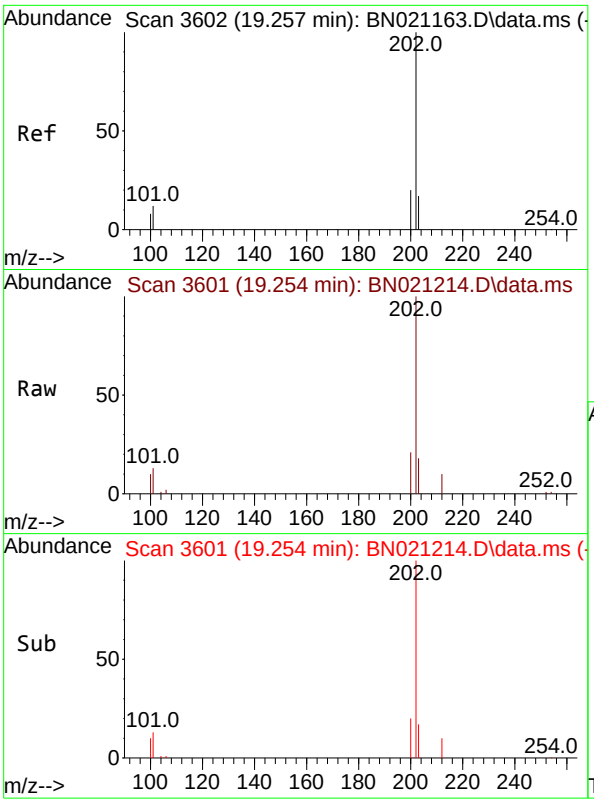


#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:178 Resp: 10589

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.4	15.9	23.9



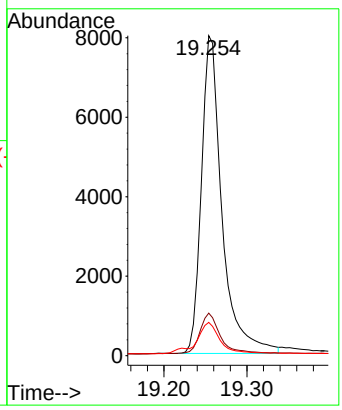


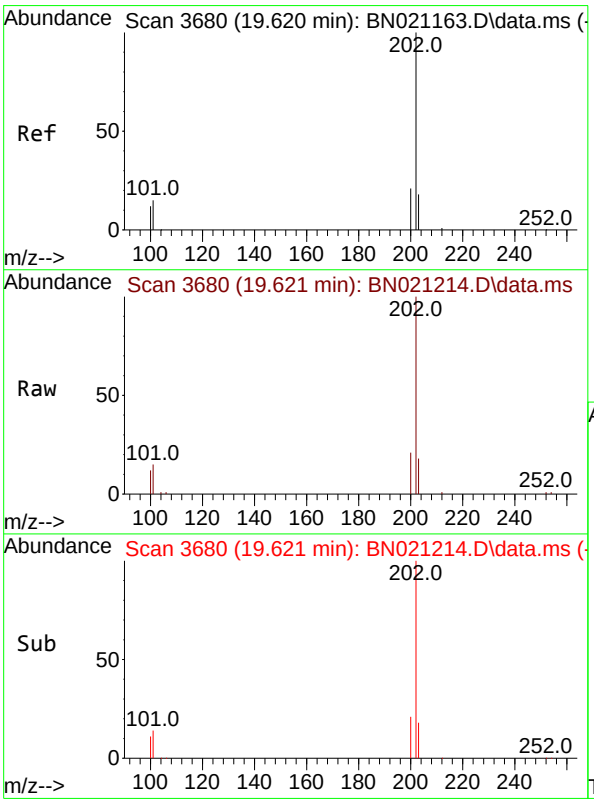
#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.254 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 13834

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	10.4	8.0	12.0

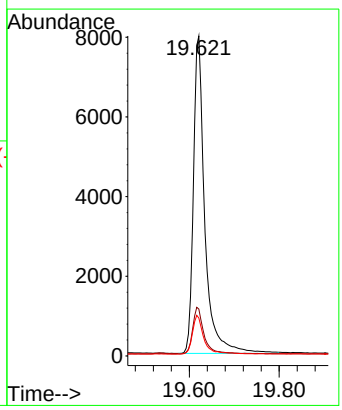


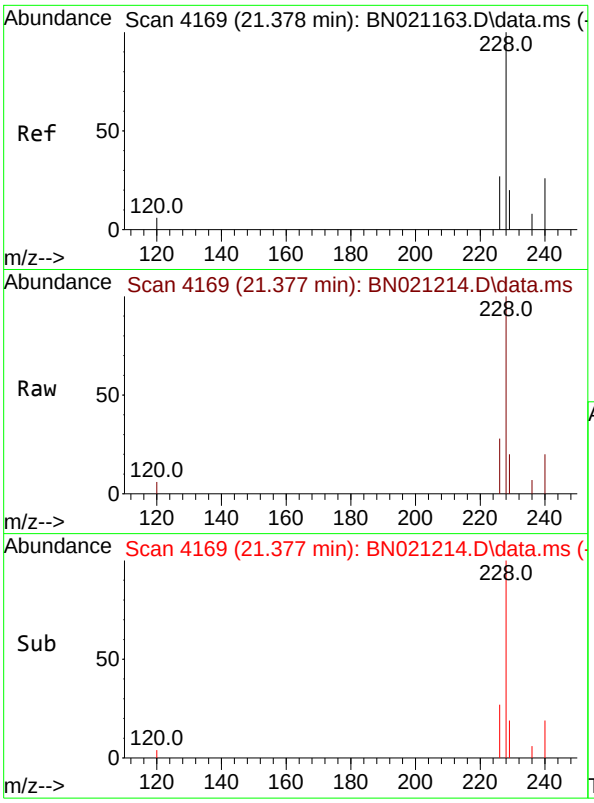


#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. 0.000 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:202 Resp: 14109

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	11.9	9.0	13.4



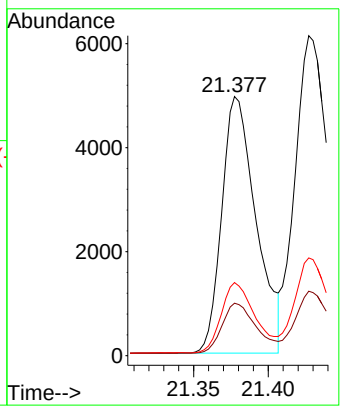


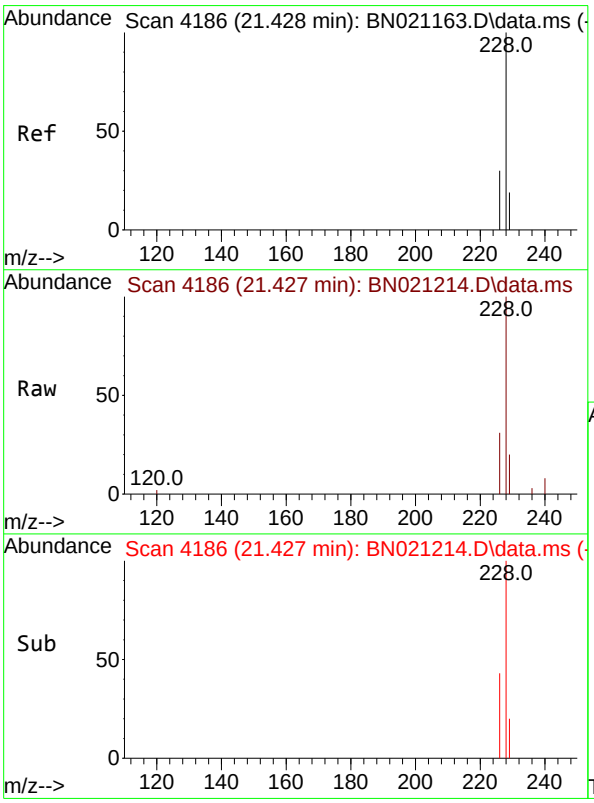
#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.377 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7907

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	28.2	21.9	32.9

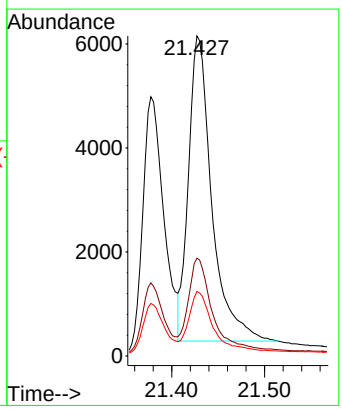


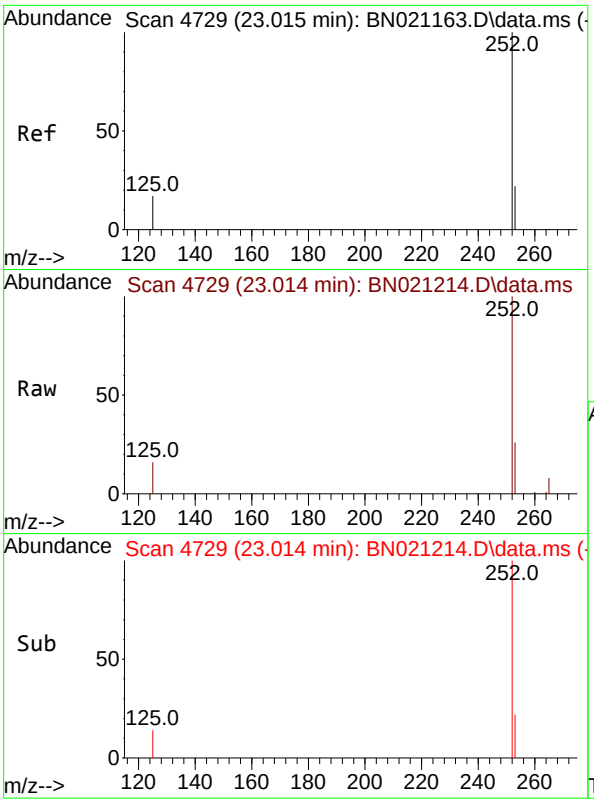


#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.427 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:228 Resp: 10259

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.2	15.8	23.8



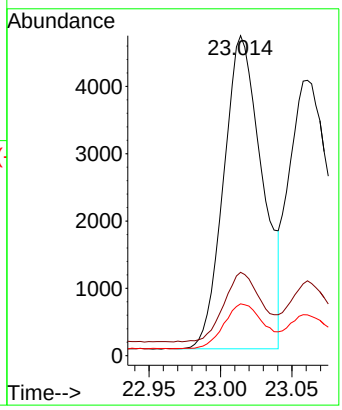


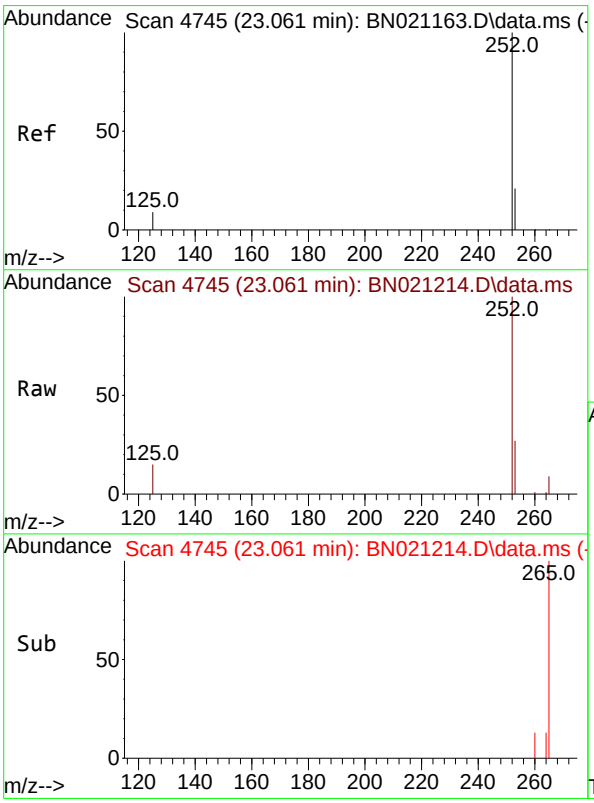
#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.014 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8721

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	50.8
125	16.2	0.0	30.0

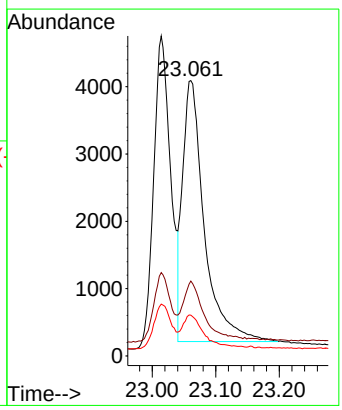


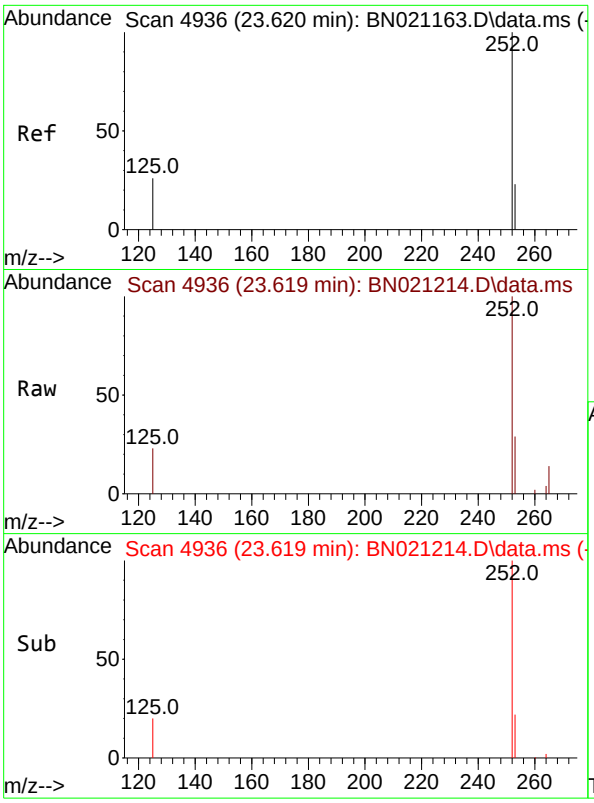


#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 23.061 min Scan# 4745
Delta R.T. -0.003 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:252 Resp: 9170

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.6	31.0
125	14.8	11.8	17.6



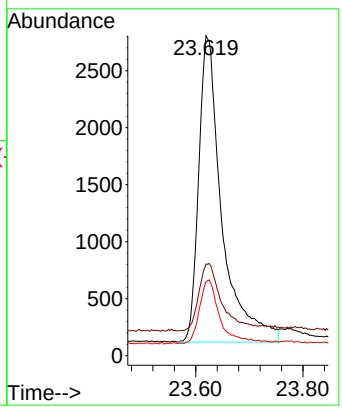


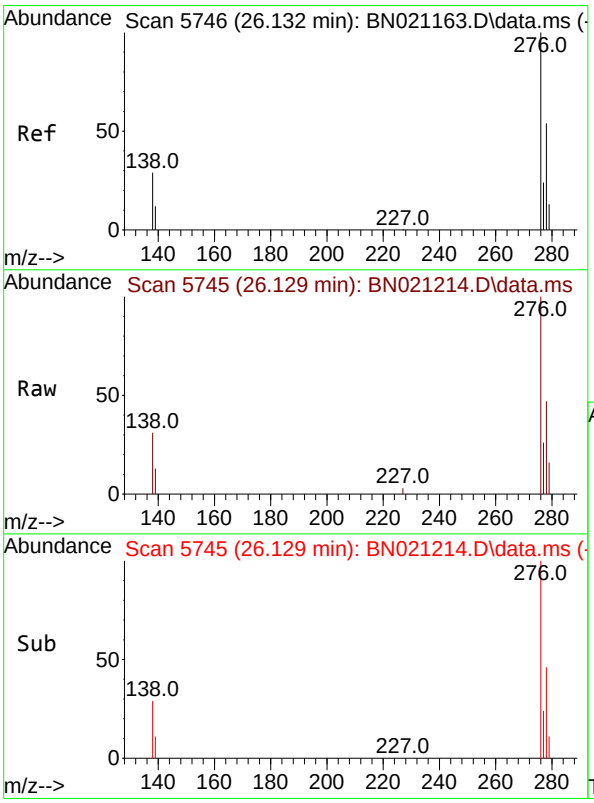
#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.619 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8082

Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.1	33.1
125	23.0	14.7	22.1#

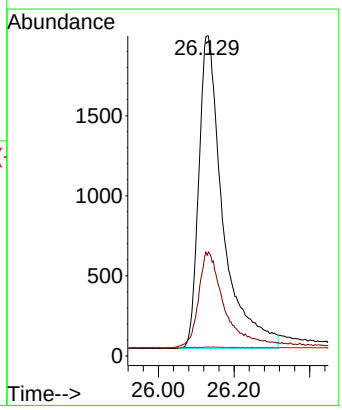


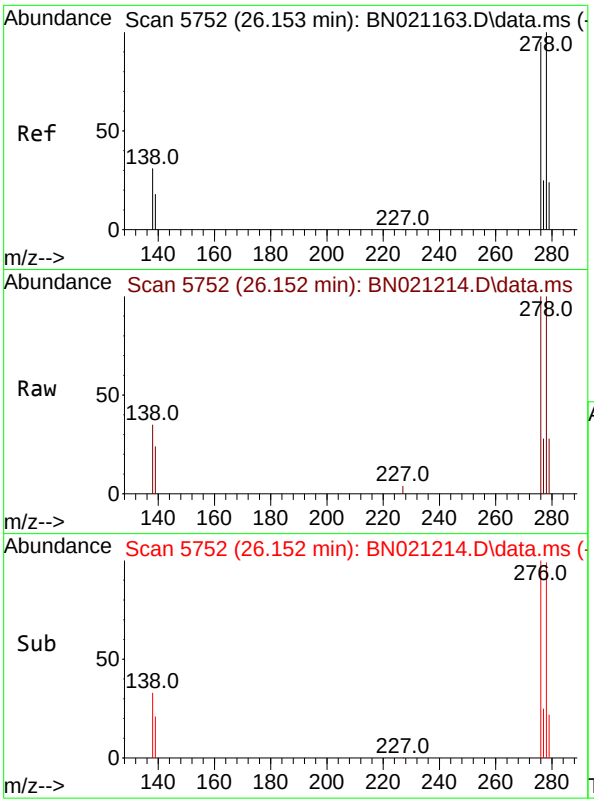


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.129 min Scan# 5745
Delta R.T. -0.007 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:276 Resp: 8689

Ion	Ratio	Lower	Upper
276	100		
138	33.4	26.1	39.1
227	0.1	0.1	0.1



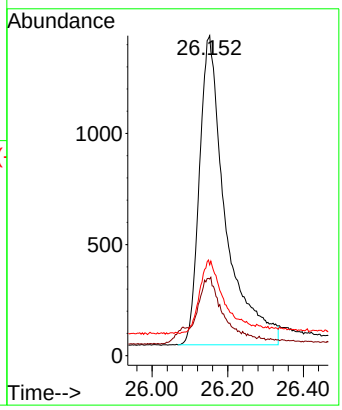


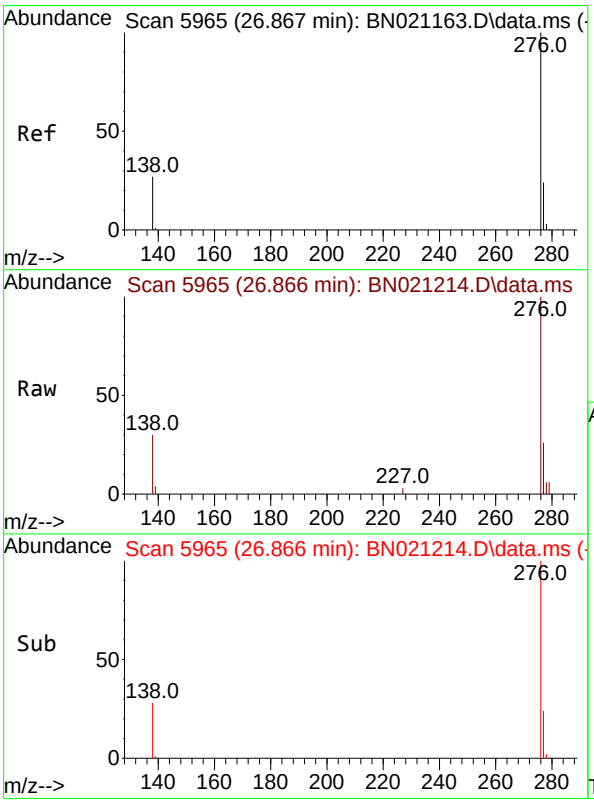
#28
Dibenzo(a,h)anthracene
Concen: 0.299 ng/ul
RT: 26.152 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 6669

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.3	27.5
279	28.4	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.866 min Scan# 5965
Delta R.T. -0.003 min
Lab File: BN021214.D
Acq: 13 Aug 2022 16:21

Tgt Ion:276 Resp: 8121

Ion	Ratio	Lower	Upper
276	100		
138	29.8	22.6	34.0
277	26.0	20.2	30.2