Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021019.D
Acq On : 05 Aug 2022 10:19
Operator : CG/JU
Sample : PB146642BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 06 00:27:32 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 : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	2226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	8224	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	6818	0.400	ng/ul	0.00
23) Perylene-d12	23.757	264	5751	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2059	0.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	4326	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	8825	0.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	5625	1.917	ng/ul#	83
5) Naphthalene	10.651	128	7829	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	4777	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	5251	0.377	ng/ul	100
10) Acenaphthylene	14.174	152	6863	0.346	ng/ul	100
11) Acenaphthene	14.517	153	5509	0.336	ng/ul	99
12) Fluorene	15.511	166	6001	0.335	ng/ul	99
14) Pentachlorophenol	16.872	266	891	0.703	ng/ul	98
15) Phenanthrene	17.248	178	9625	0.327	ng/ul	100
16) Anthracene	17.345	178	7871	0.345	ng/ul	99
19) Fluoranthene	19.277	202	10706	0.355	ng/ul	99
20) Pyrene	19.640	202	11057	0.355	ng/ul	97
21) Benzo(a)anthracene	21.401	228	8137	0.366	ng/ul	99
22) Chrysene	21.453	228	10207	0.348	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	9277	0.348	ng/ul	100
25) Benzo(k)fluoranthene	23.093	252	9590	0.341	ng/ul	100
26) Benzo(a)pyrene	23.651	252	8486	0.349	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.172	276	9090	0.313	ng/ul	100
28) Dibenzo(a,h)anthracene	26.196	278	7288	0.318	ng/ul	98
29) Benzo(g,h,i)perylene	26.913	276	8172	0.316	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
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Acq On : 05 Aug 2022 10:19
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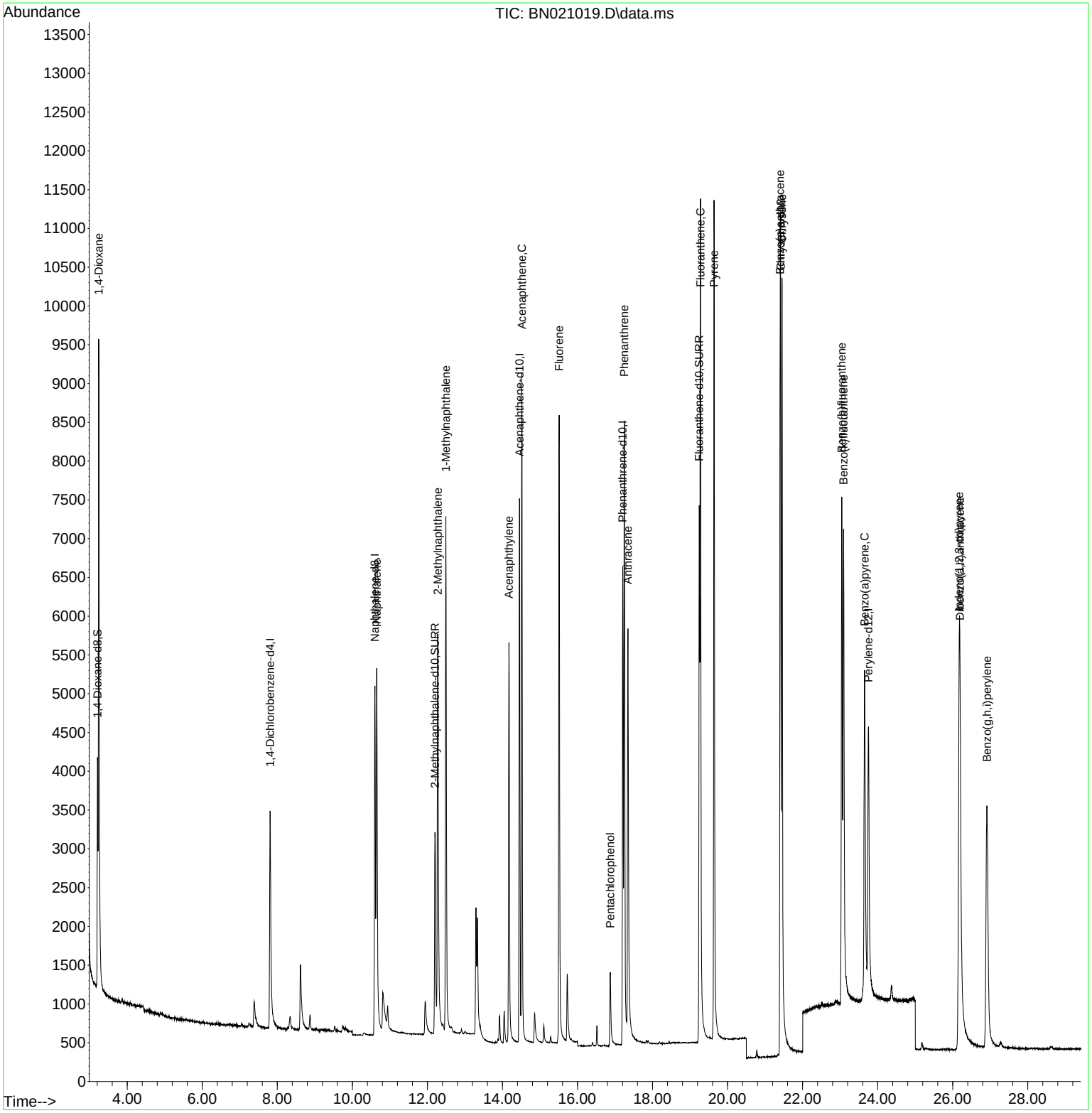
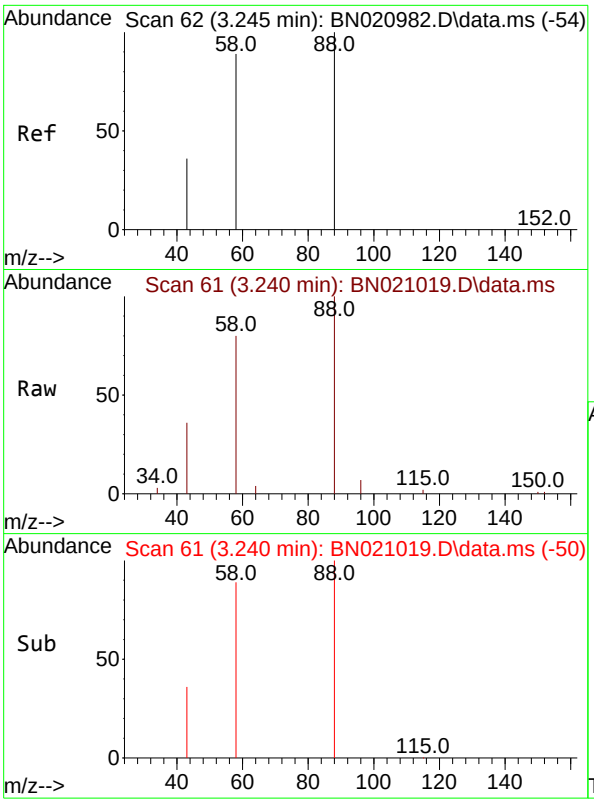
Quant Time: Aug 06 00:27:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration



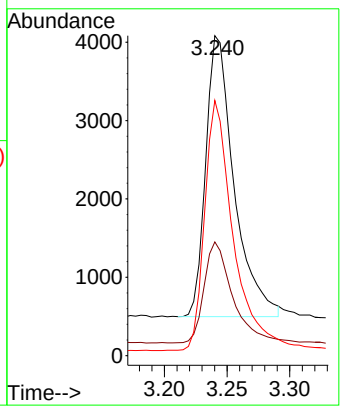


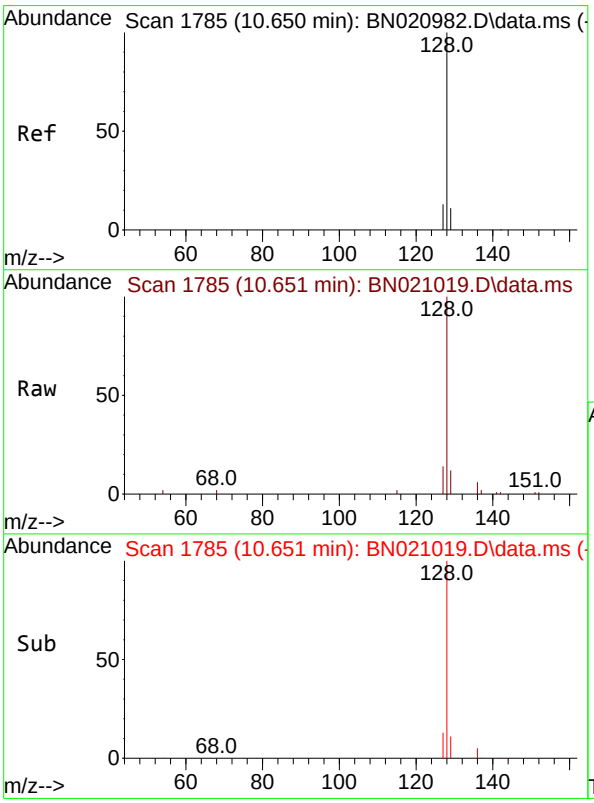
#2
1,4-Dioxane
Concen: 1.917 ng/ul
RT: 3.240 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 5625

Ion	Ratio	Lower	Upper
88	100		
43	35.5	31.4	47.0
58	79.8	49.0	73.6#

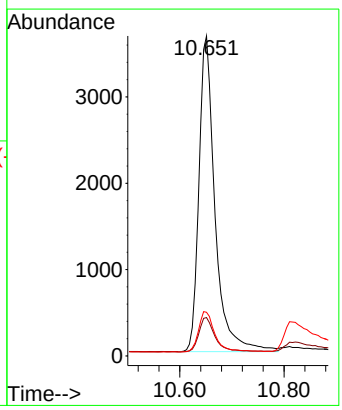


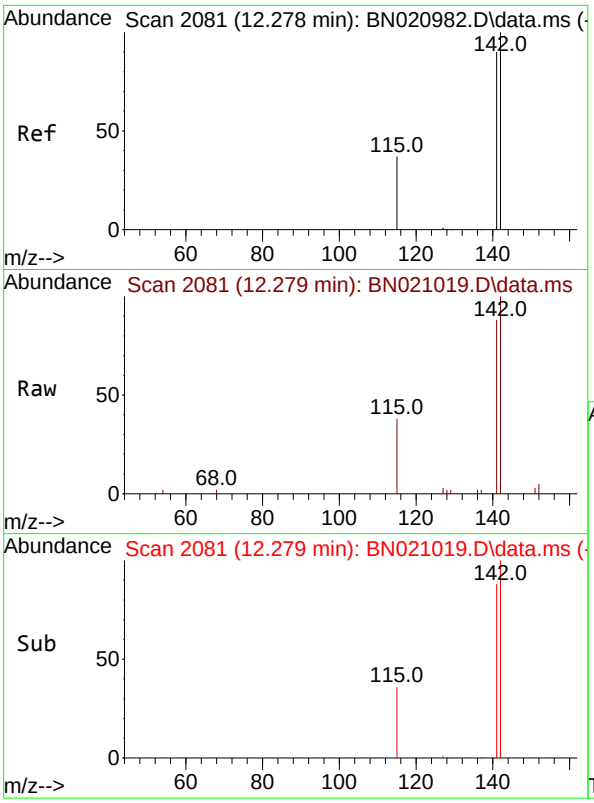


#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:128 Resp: 7829

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	13.7	11.6	17.4



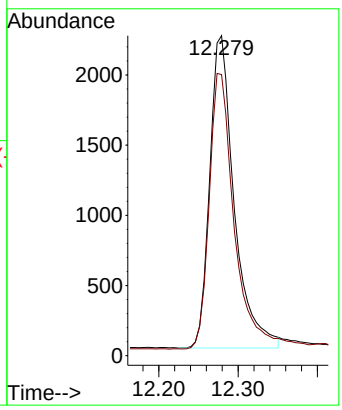


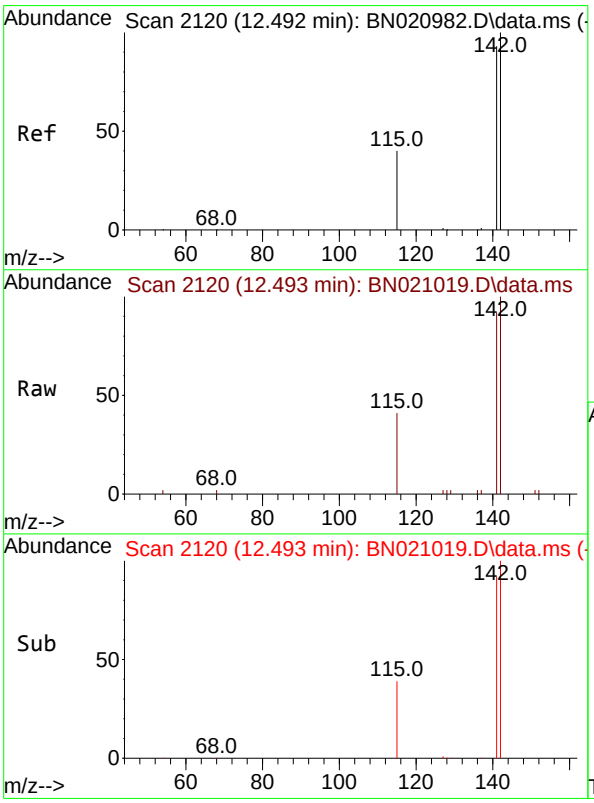
#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.279 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 4777

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2

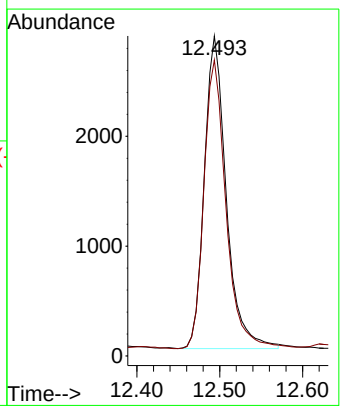


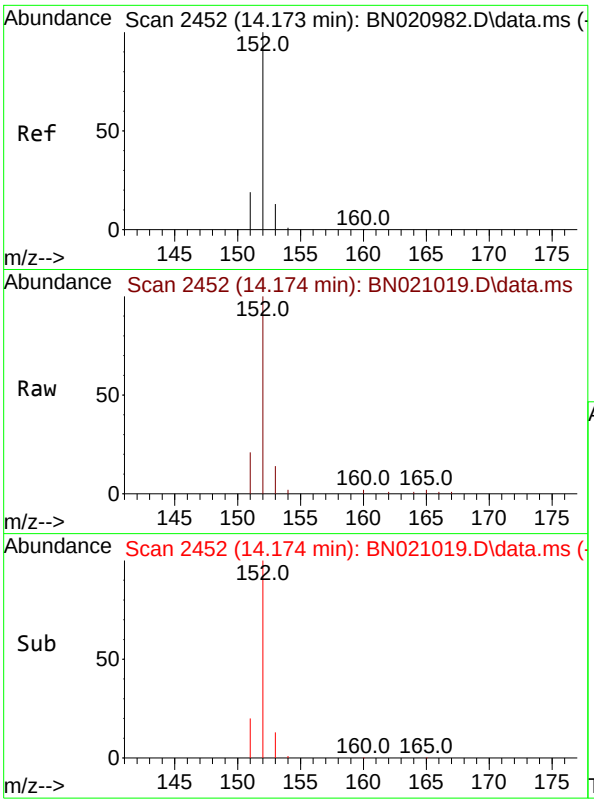


#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:142 Resp: 5251

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9



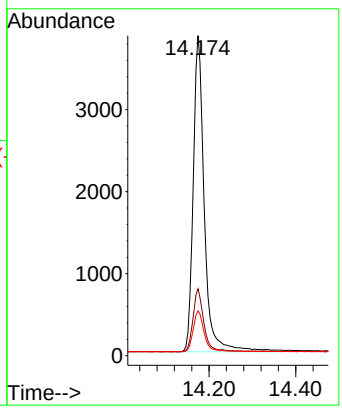


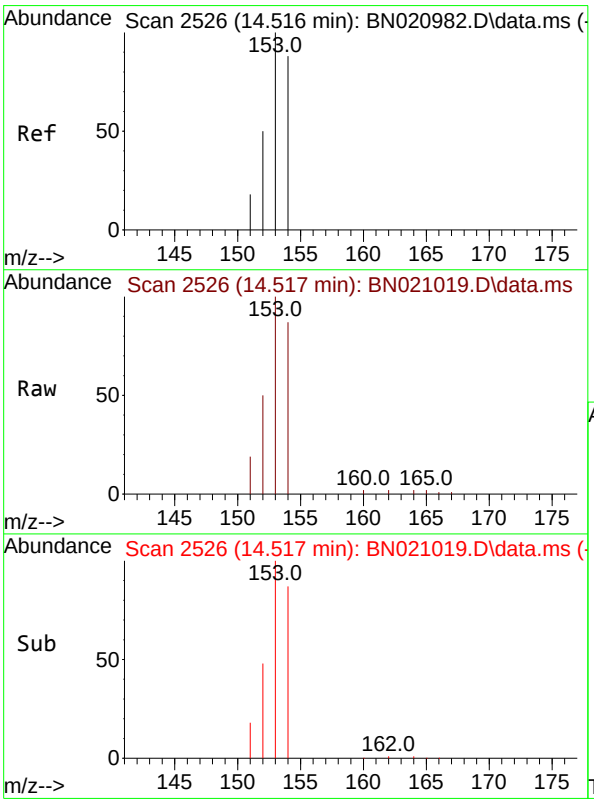
#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.174 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6863

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	14.0	11.2	16.8

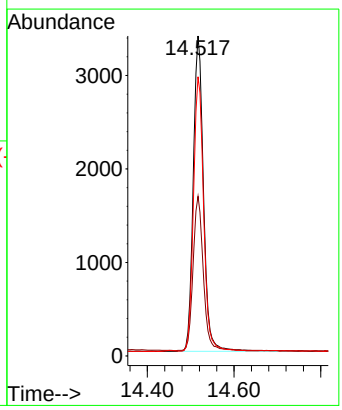


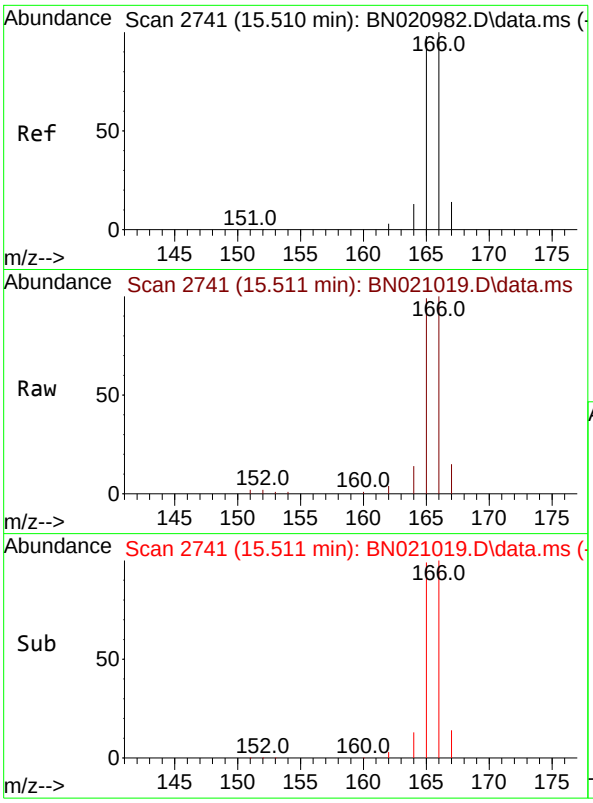


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:153 Resp: 5509

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.2	60.4
154	87.3	70.7	106.1



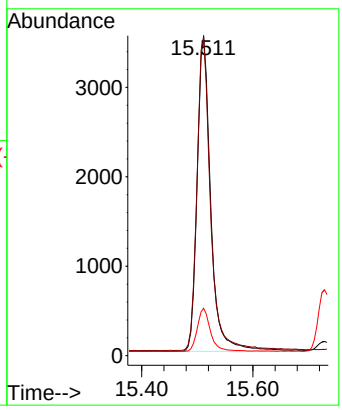


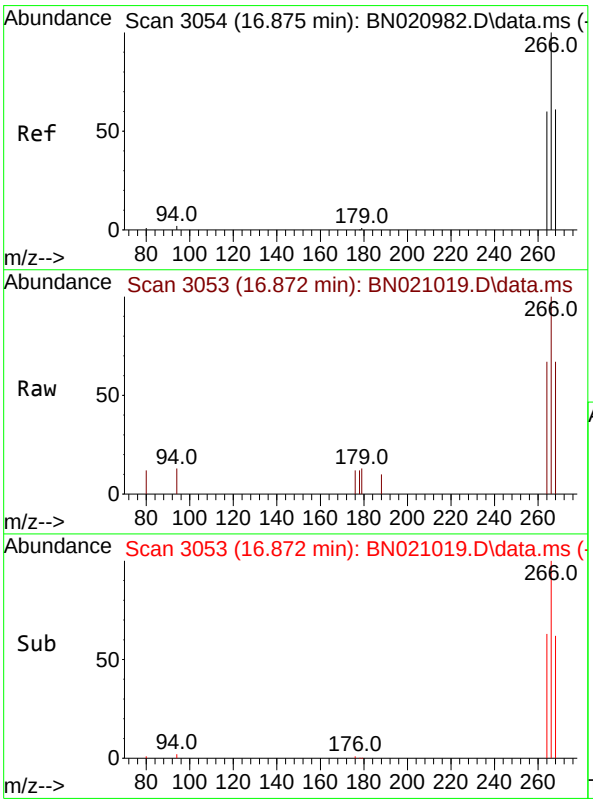
#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.511 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 6001

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	14.8	11.8	17.6

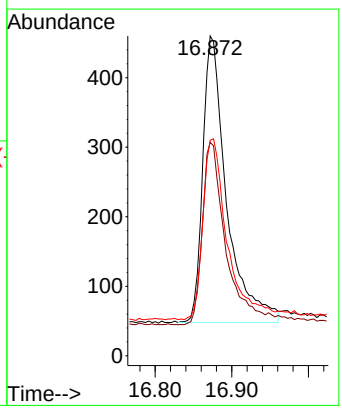


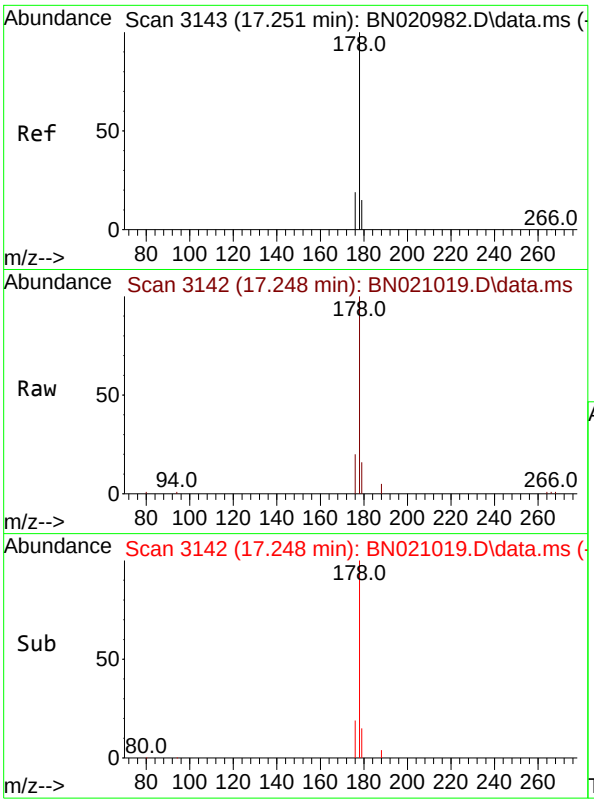


#14
Pentachlorophenol
Concen: 0.703 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.008 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:266 Resp: 891

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.8	74.8
268	64.8	50.6	75.8



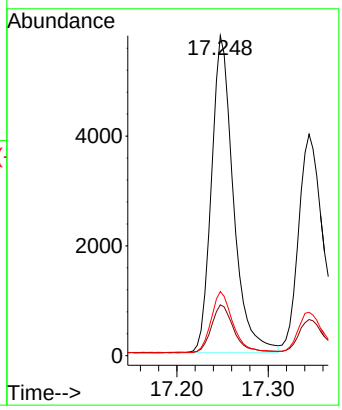


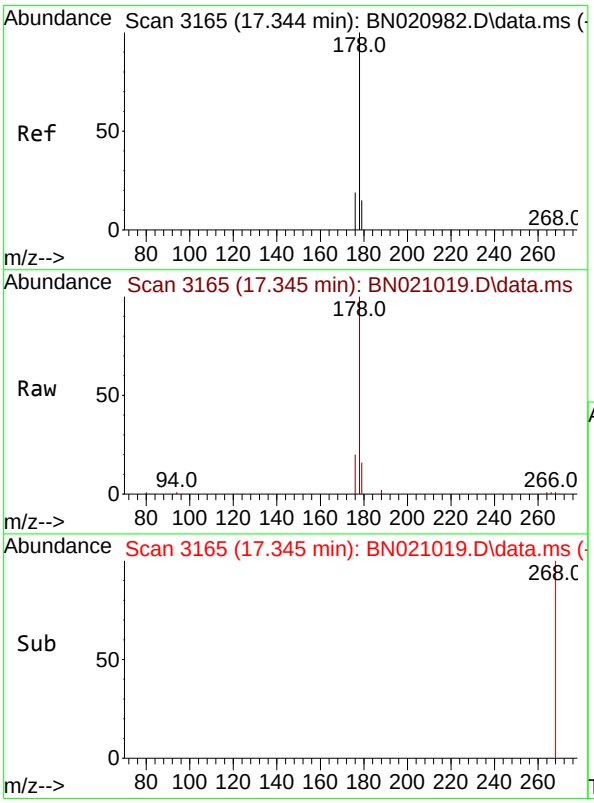
#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.248 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9625

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	15.9	23.9

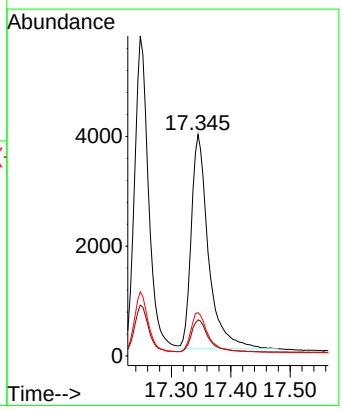


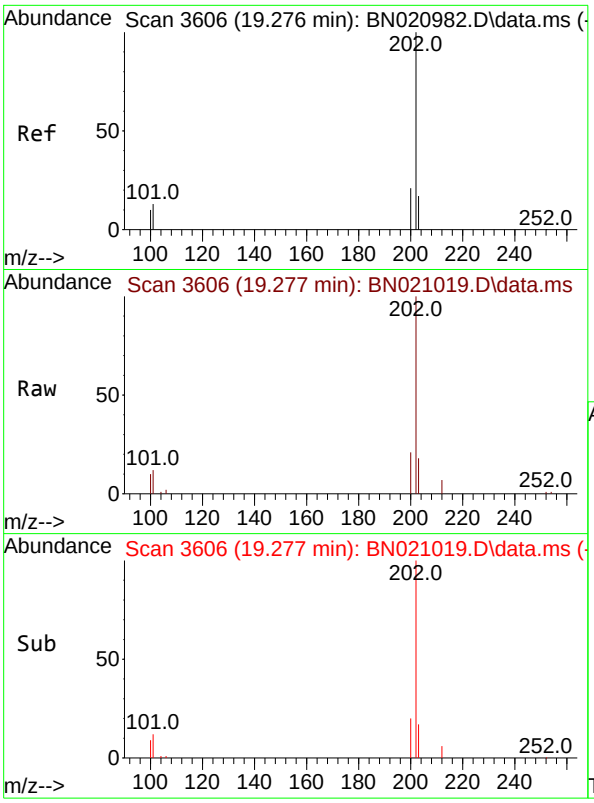


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:178 Resp: 7871

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.6	15.9	23.9



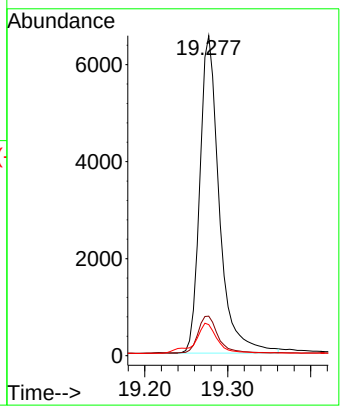


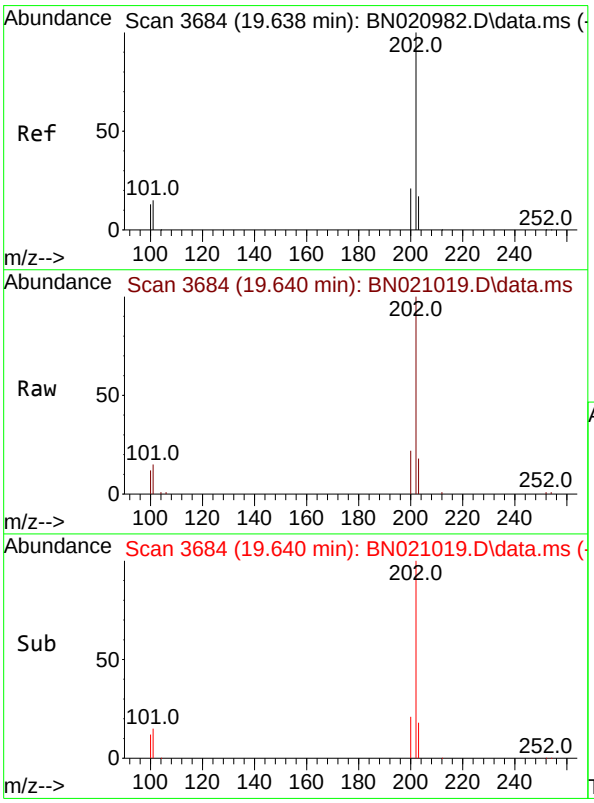
#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.277 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 10706

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.7	8.0	12.0

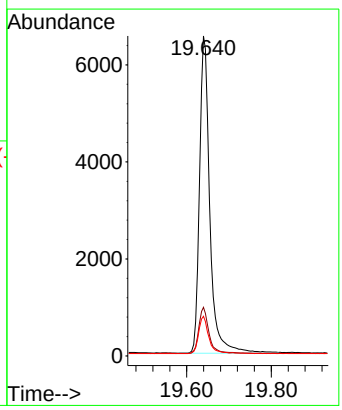


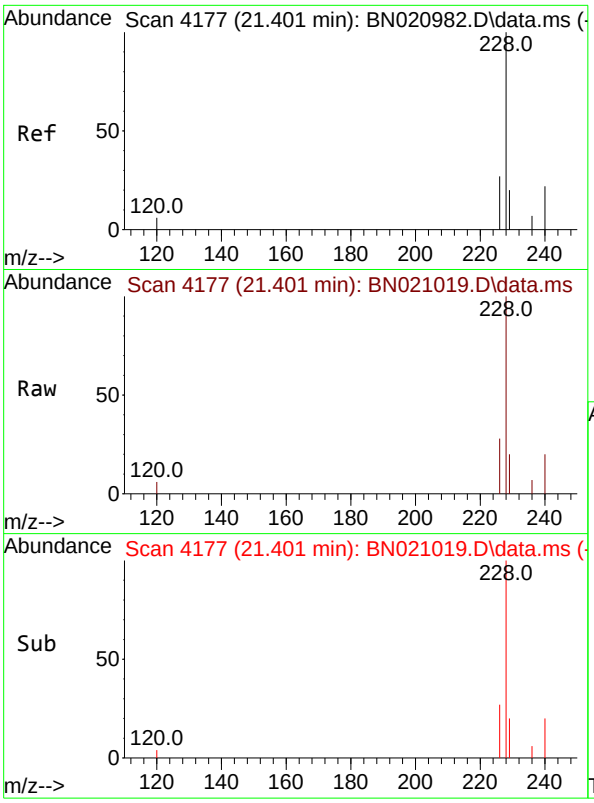


#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.005 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:202 Resp: 11057

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.3	16.9
100	12.4	9.0	13.4



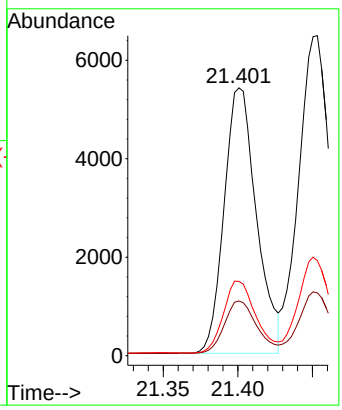


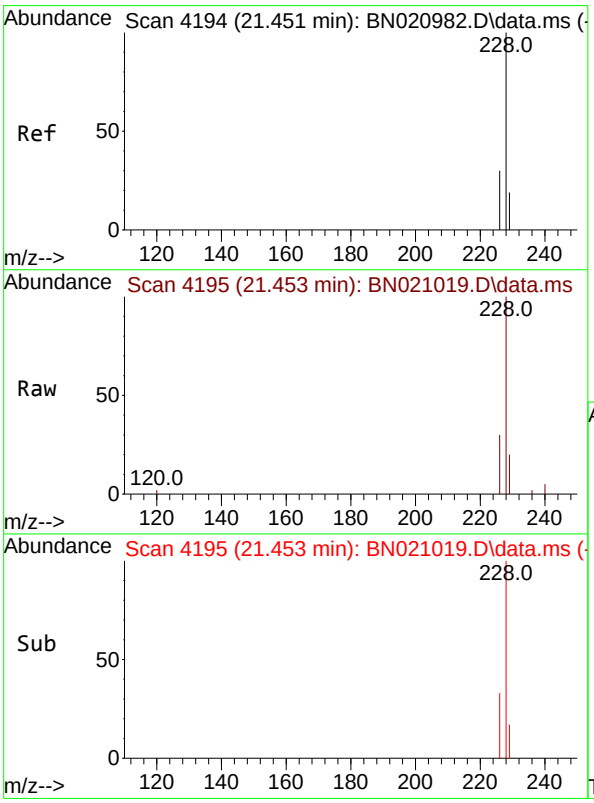
#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.401 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8137

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	27.7	21.9	32.9

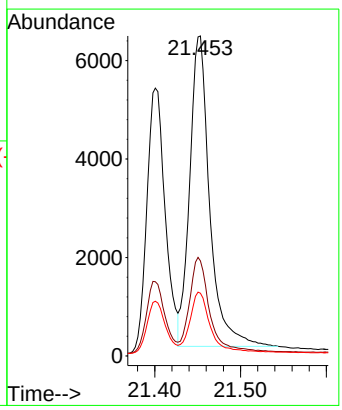


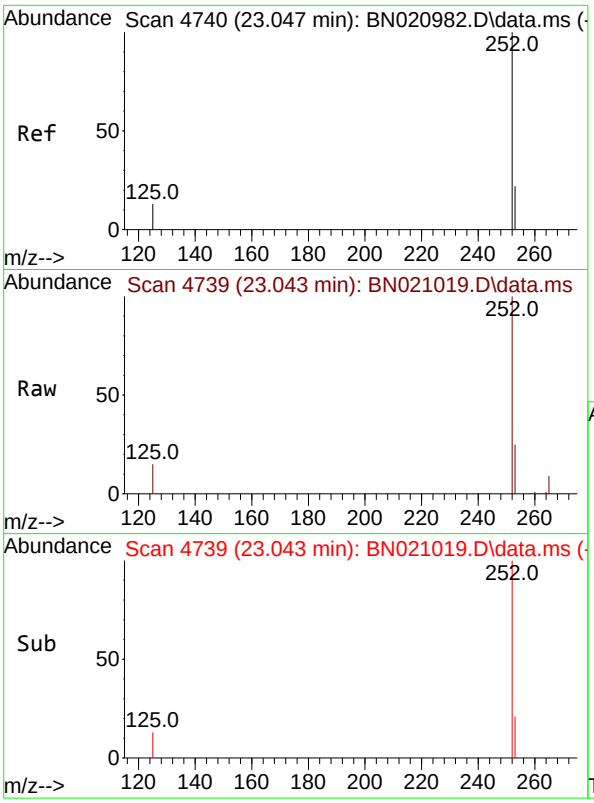


#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:228 Resp: 10207

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.6	15.8	23.8



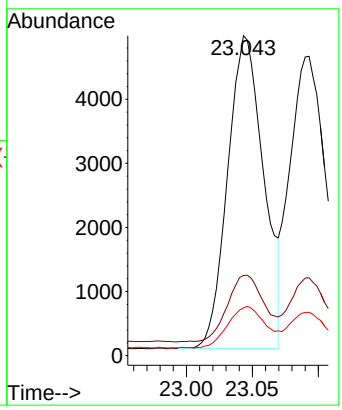


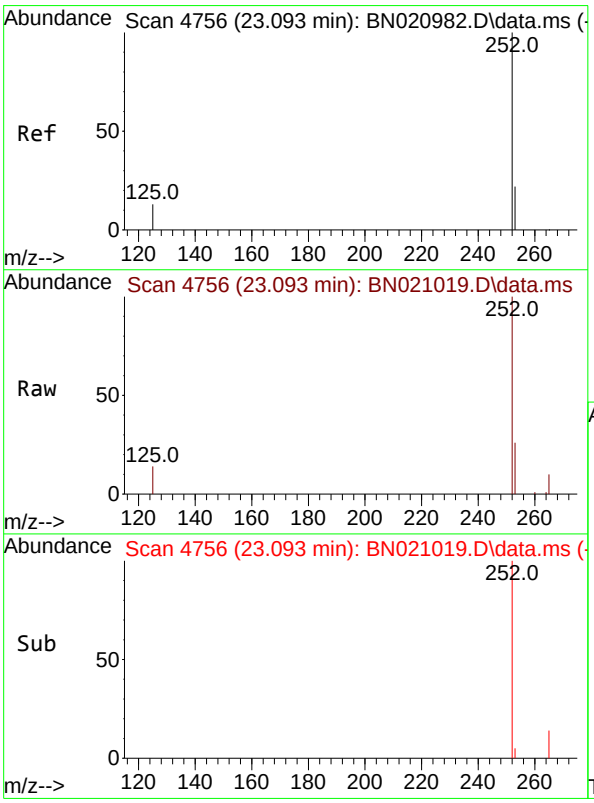
#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.043 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9277

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	50.8
125	15.0	0.0	30.0

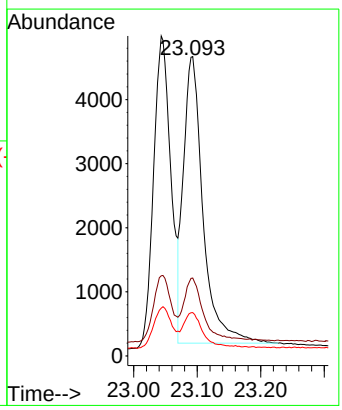


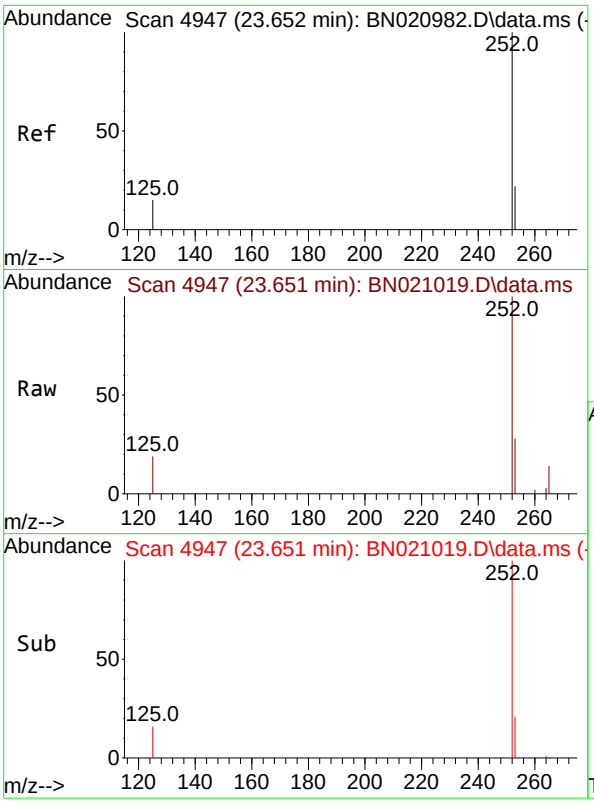


#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.093 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:252 Resp: 9590

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.6	31.0
125	14.5	11.8	17.6



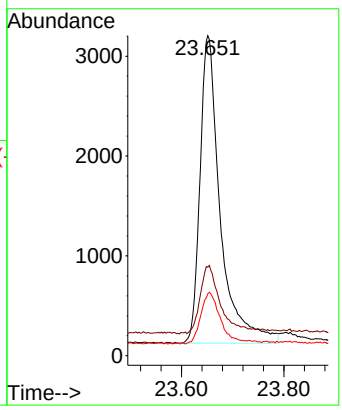


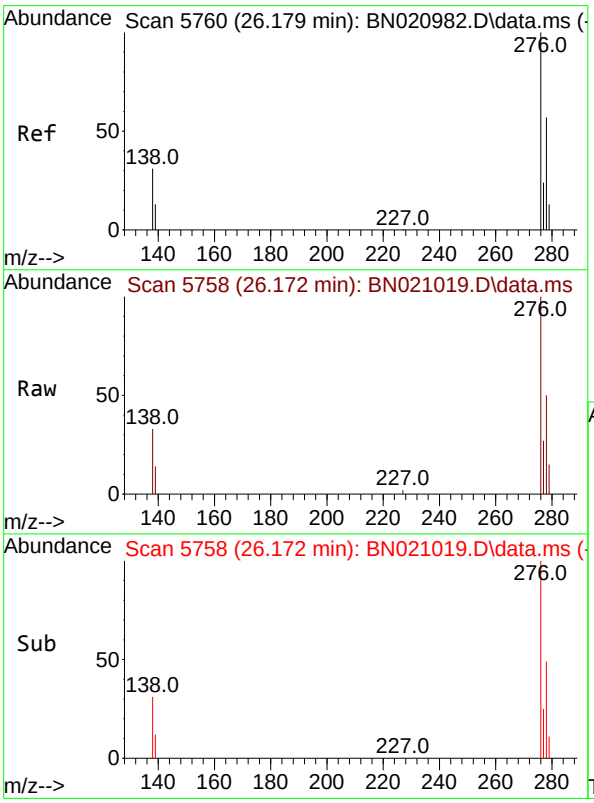
#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.651 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8486

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.1	33.1
125	19.4	14.7	22.1

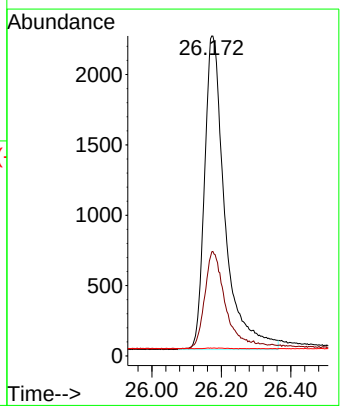


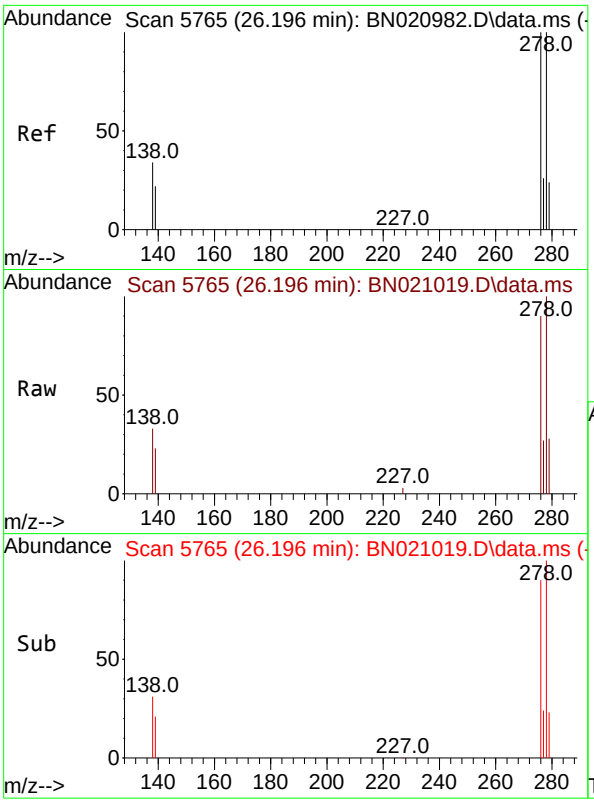


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.013 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:276 Resp: 9090

Ion	Ratio	Lower	Upper
276	100		
138	32.8	26.1	39.1
227	0.1	0.1	0.1



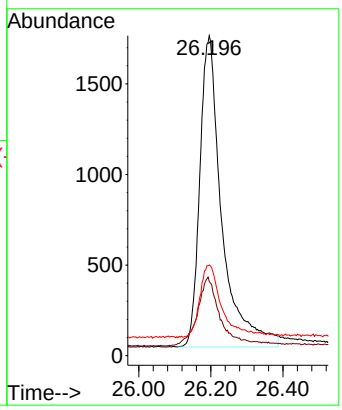


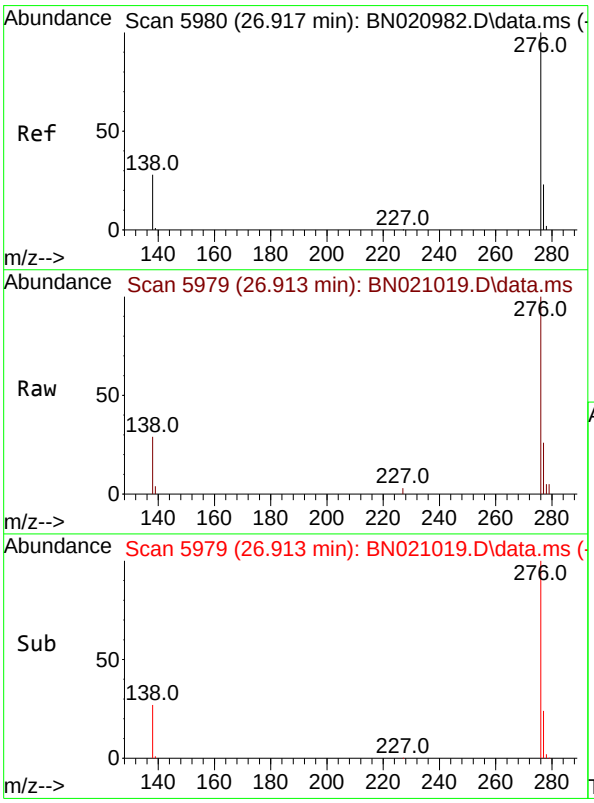
#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 26.196 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 7288

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.3	27.5
279	28.4	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.913 min Scan# 5979
Delta R.T. -0.017 min
Lab File: BN021019.D
Acq: 05 Aug 2022 10:19

Tgt Ion:276 Resp: 8172

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.6	34.0
277	25.9	20.2	30.2