Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
Data File : BN020459.D
Acq On : 26 Jun 2022 06:10
Operator : CG/JU
Sample : PB145684BS
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 27 03:44:33 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	7.749	152	2448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.529	136	8553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	5678	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	12590	0.400	ng/ul	0.00
17) Chrysene-d12	21.305	240	11607	0.400	ng/ul	0.00
23) Perylene-d12	23.590	264	9712	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	2160	0.762	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	5660	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.146	212	14709	0.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	5686	1.963	ng/ul#	83
5) Naphthalene	10.578	128	10023	0.380	ng/ul	100
7) 2-Methylnaphthalene	12.201	142	6728	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.415	142	7167	0.428	ng/ul	100
10) Acenaphthylene	14.094	152	10390	0.386	ng/ul	99
11) Acenaphthene	14.437	153	8042	0.373	ng/ul	99
12) Fluorene	15.427	166	9468	0.371	ng/ul	99
14) Pentachlorophenol	16.786	266	692	0.273	ng/ul	98
15) Phenanthrene	17.158	178	16507	0.377	ng/ul	100
16) Anthracene	17.251	178	14599	0.386	ng/ul	100
19) Fluoranthene	19.178	202	19382	0.366	ng/ul	99
20) Pyrene	19.541	202	20205	0.367	ng/ul	100
21) Benzo(a)anthracene	21.293	228	17326	0.416	ng/ul	99
22) Chrysene	21.343	228	19080	0.411	ng/ul	100
24) Benzo(b)fluoranthene	22.900	252	18081	0.402	ng/ul	98
25) Benzo(k)fluoranthene	22.947	252	17832	0.393	ng/ul	99
26) Benzo(a)pyrene	23.491	252	16711	0.409	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.924	276	16953	0.417	ng/ul	96
28) Dibenzo(a,h)anthracene	25.941	278	13783	0.420	ng/ul	98
29) Benzo(g,h,i)perylene	26.639	276	14623	0.419	ng/ul	99

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

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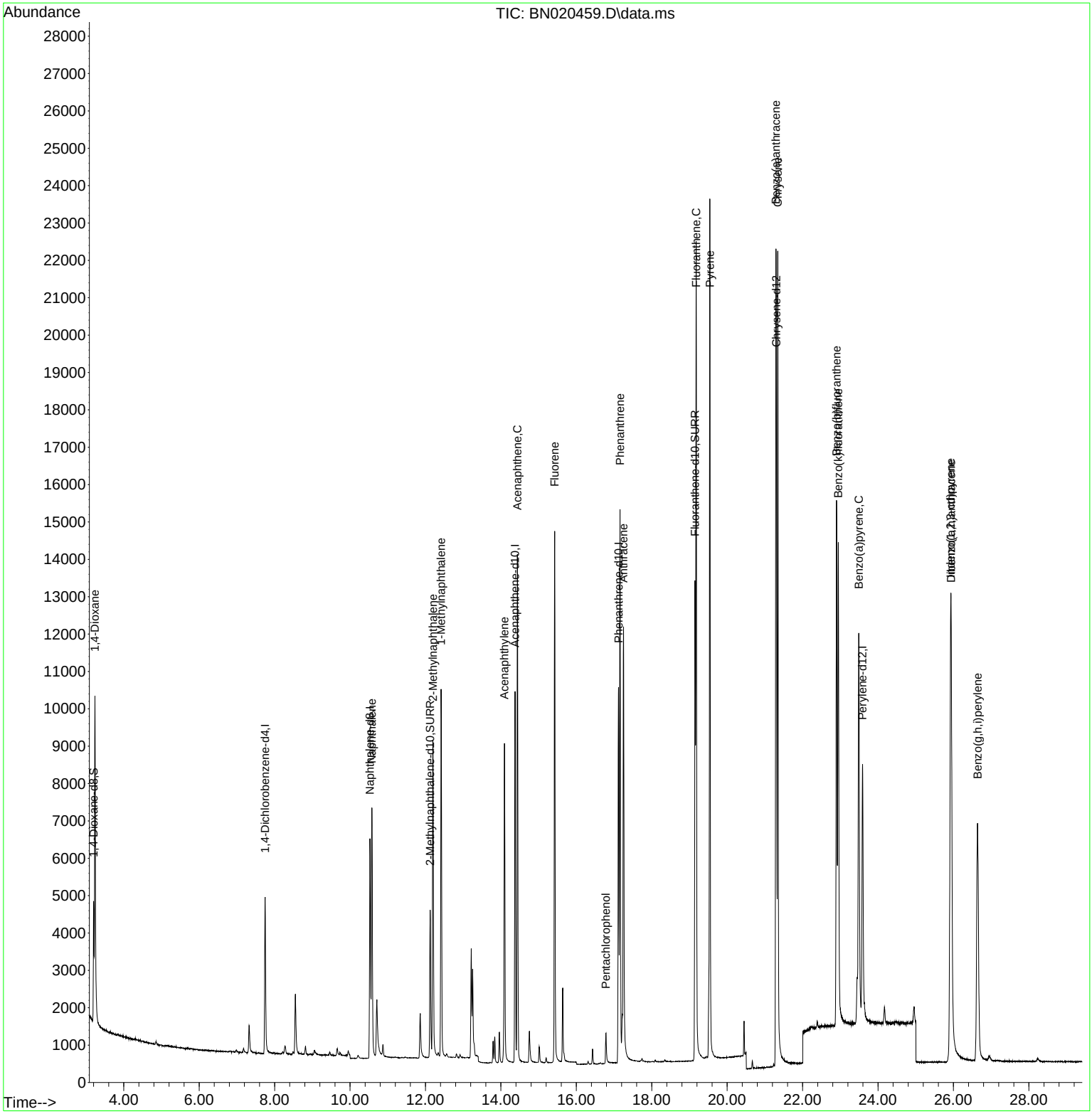
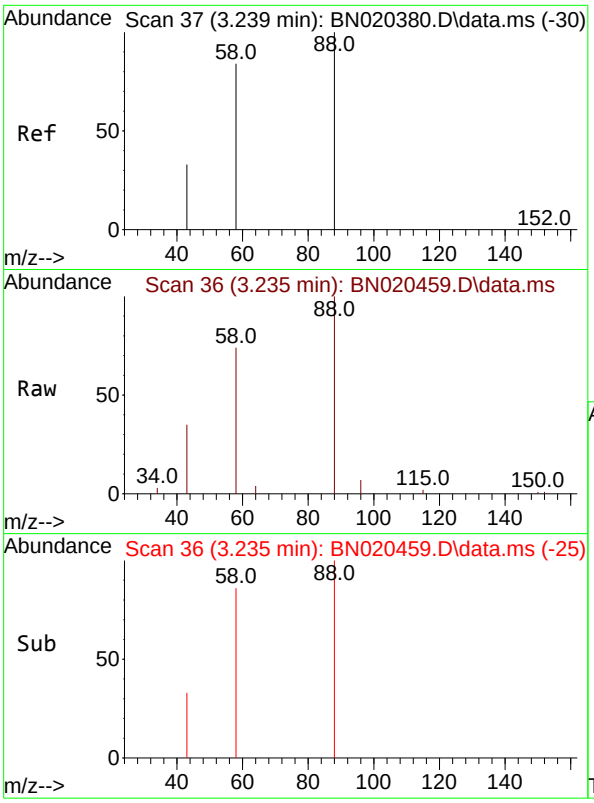


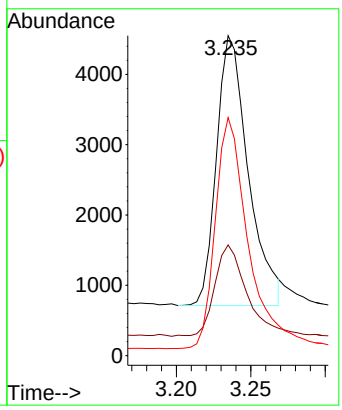


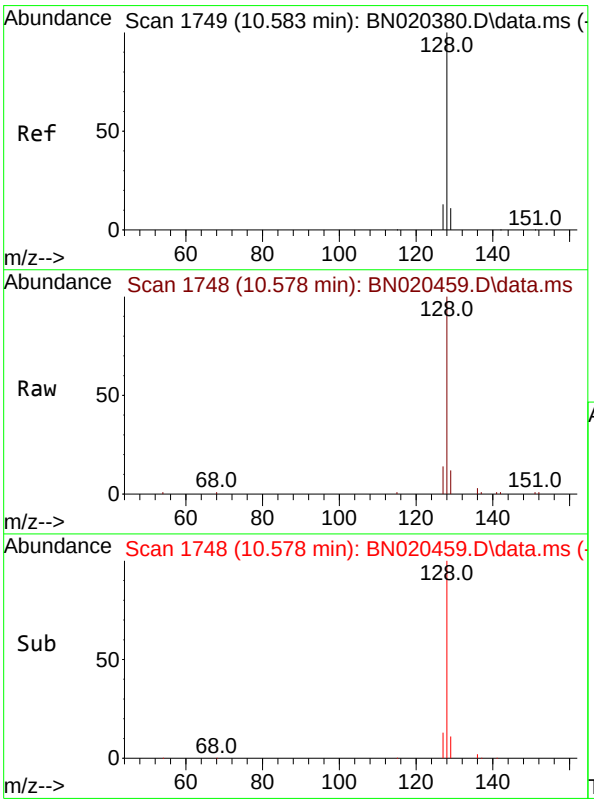
#2
1,4-Dioxane
Concen: 1.963 ng/ul
RT: 3.235 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 5686

Ion	Ratio	Lower	Upper
88	100		
43	34.6	32.5	48.7
58	74.4	46.2	69.2#

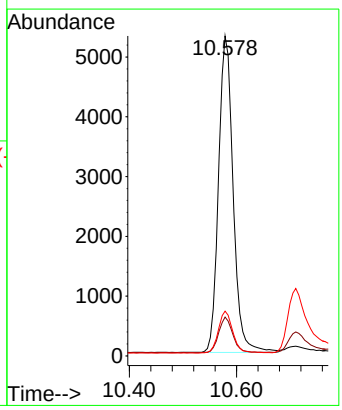


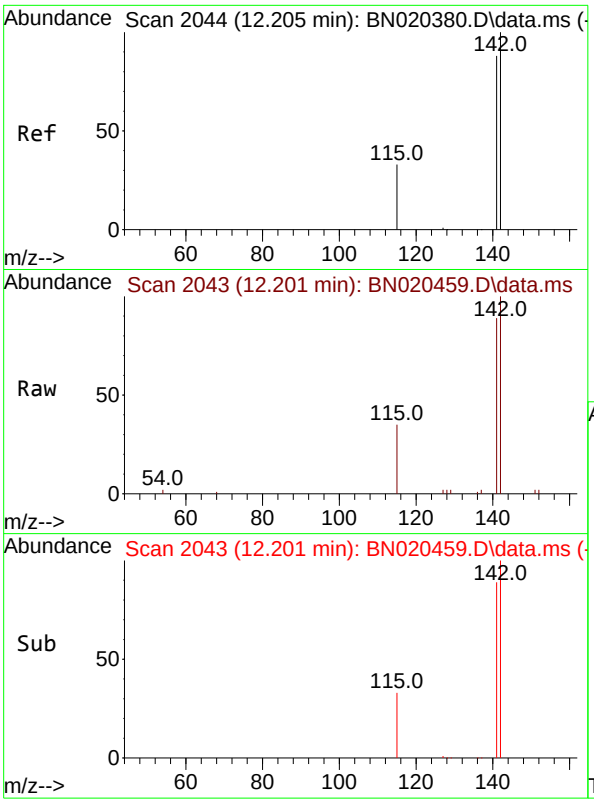


#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.578 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:128 Resp: 10023

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	14.0	11.3	16.9



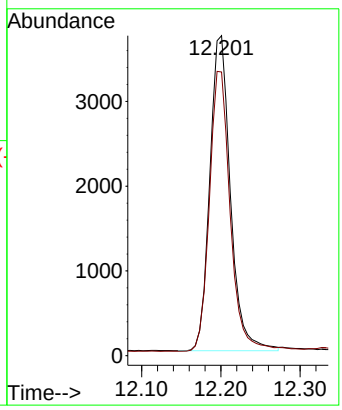


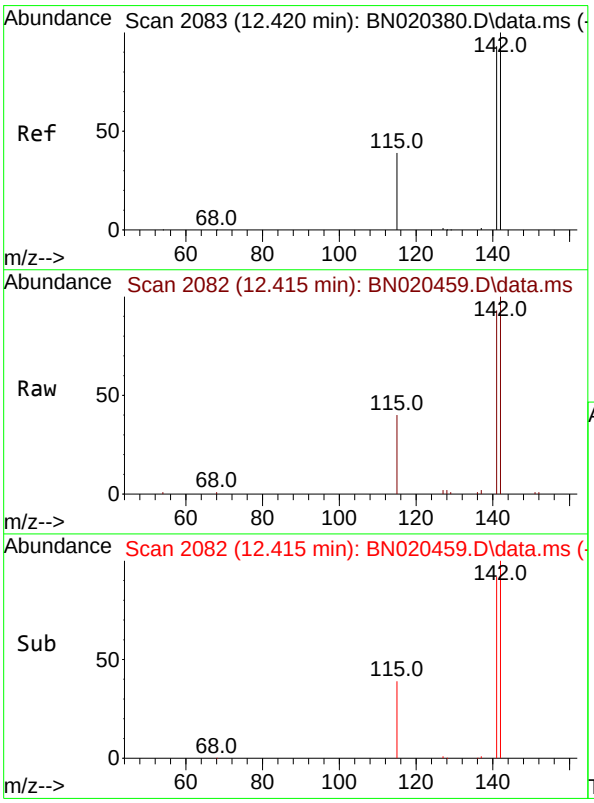
#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.201 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6728

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1

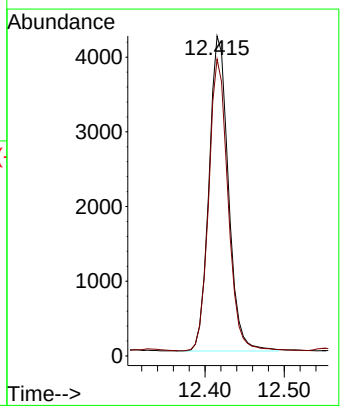


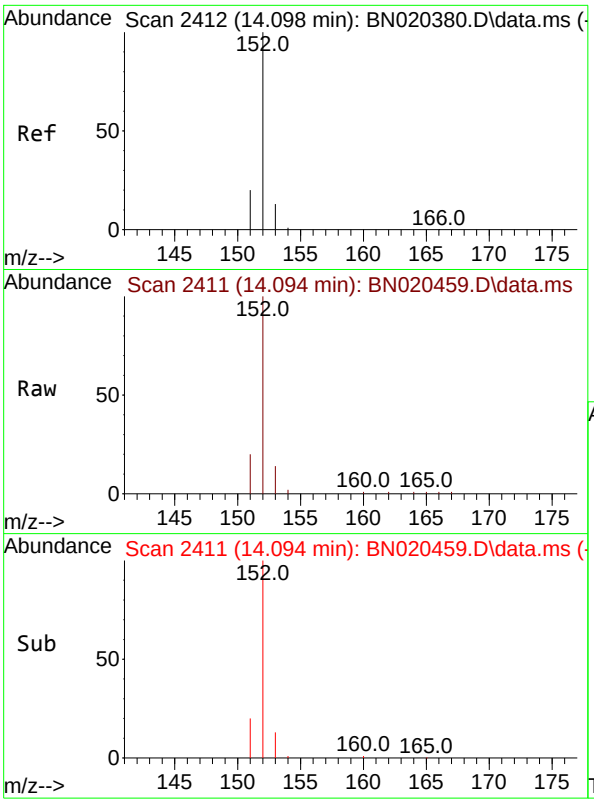


#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:142 Resp: 7167

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5



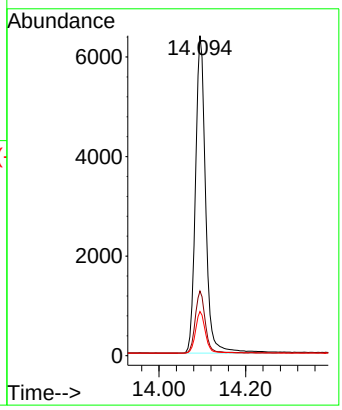


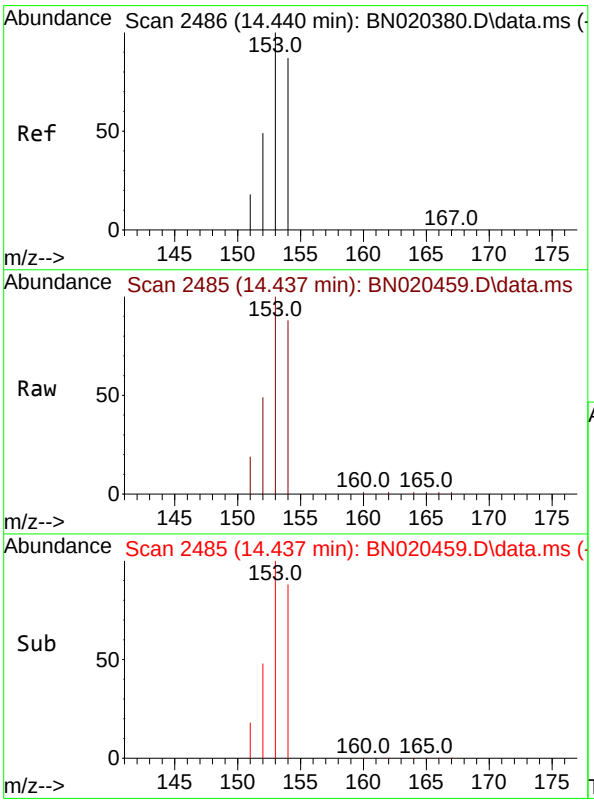
#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.094 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10390

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	13.8	11.1	16.7

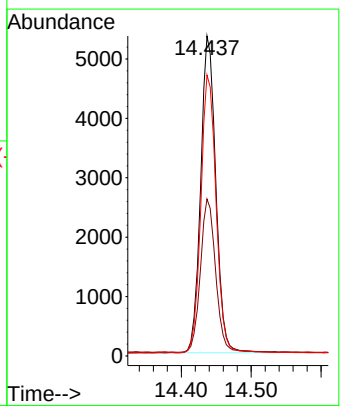


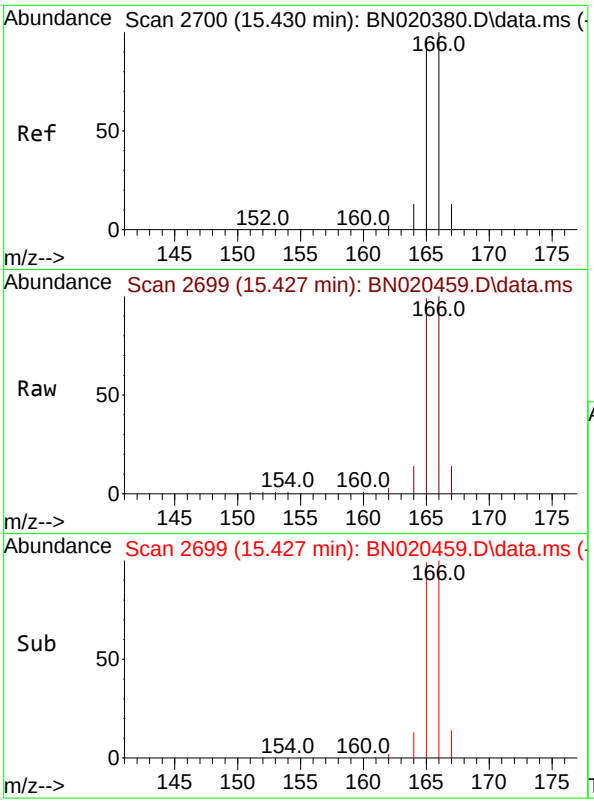


#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.437 min Scan# 2485
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:153 Resp: 8042

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.0	60.0
154	87.8	70.0	105.0



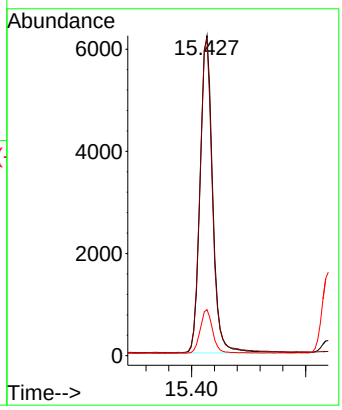


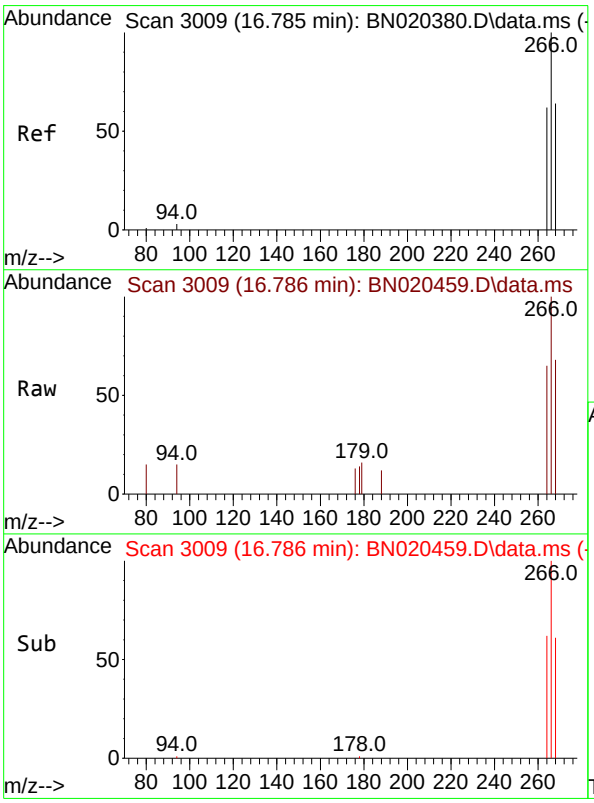
#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.427 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9468

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.2
167	14.4	11.3	16.9

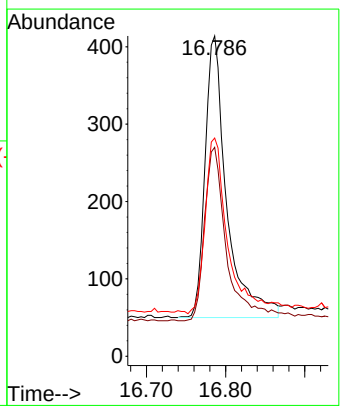


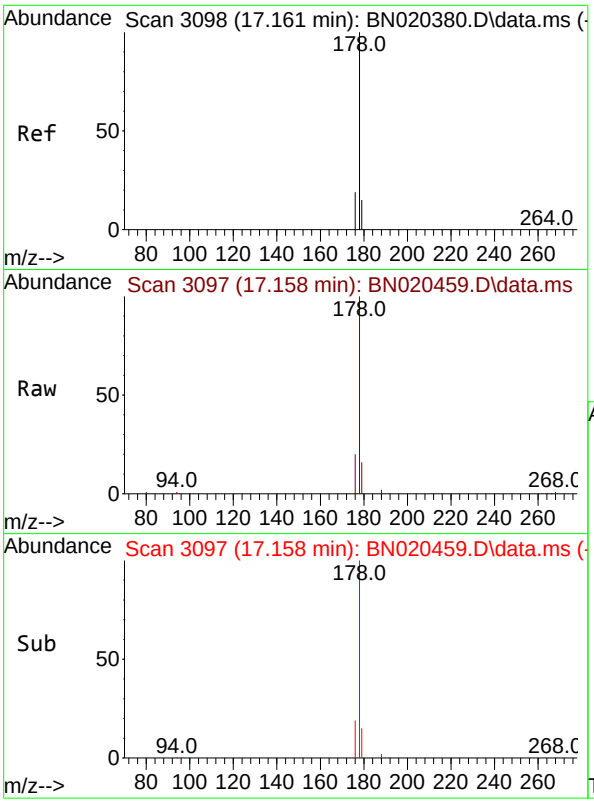


#14
Pentachlorophenol
Concen: 0.273 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:266 Resp: 692

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.6	77.4
268	66.2	51.5	77.3



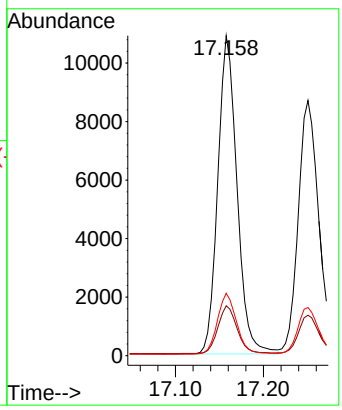


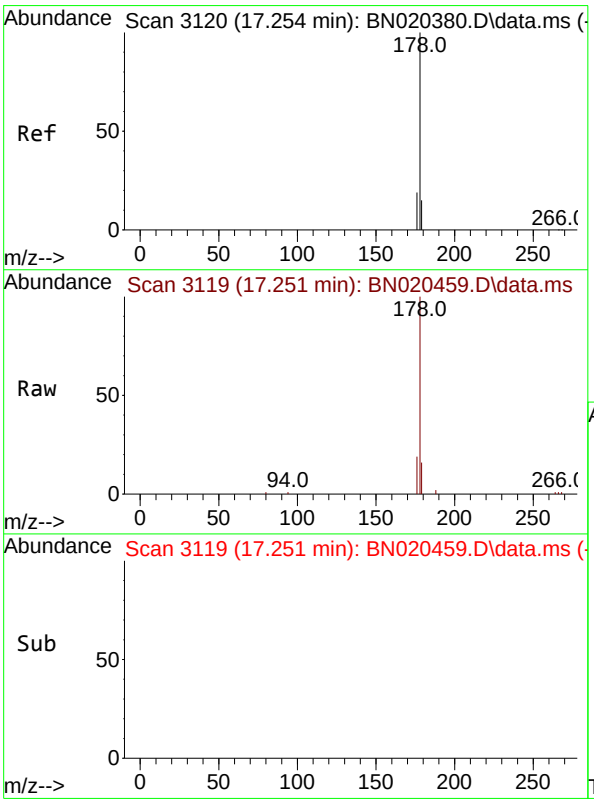
#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 17.158 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16507

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.5	15.8	23.6

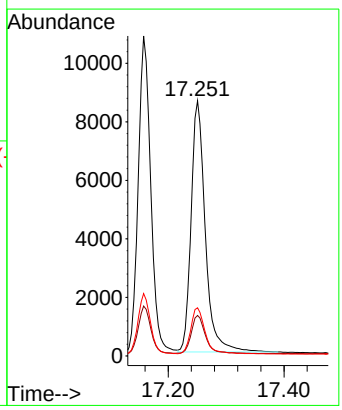


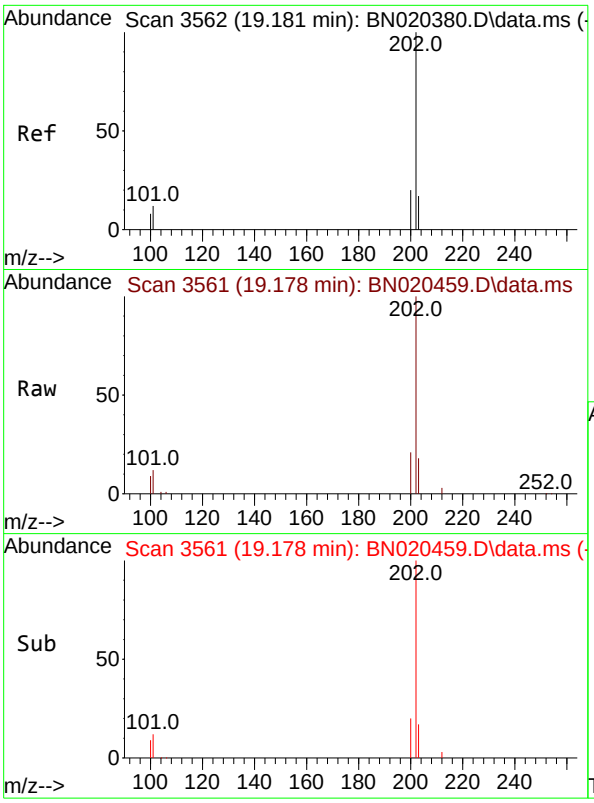


#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:178 Resp: 14599

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	18.9	15.2	22.8



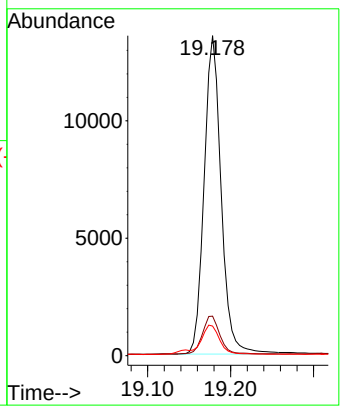


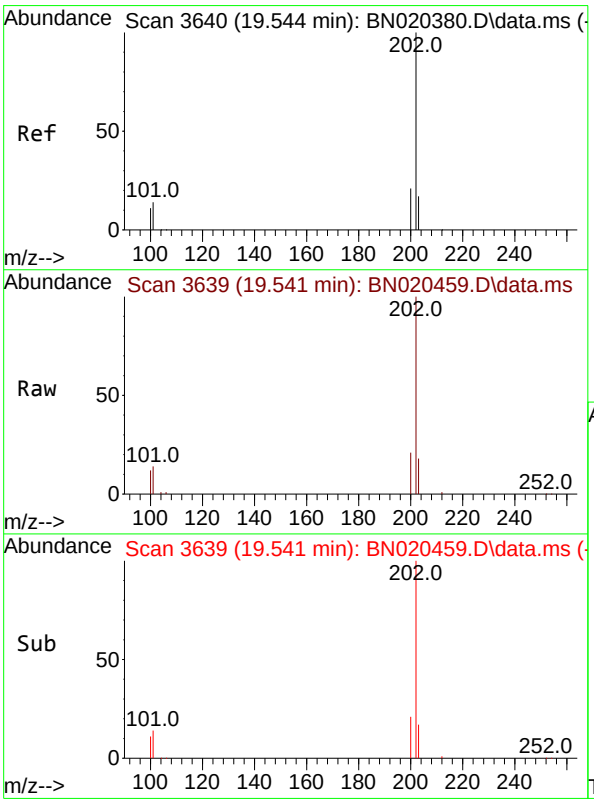
#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.178 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 19382

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	9.2	7.8	11.6

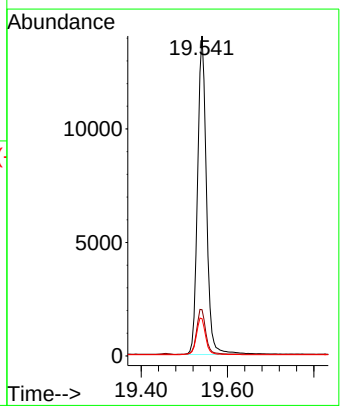


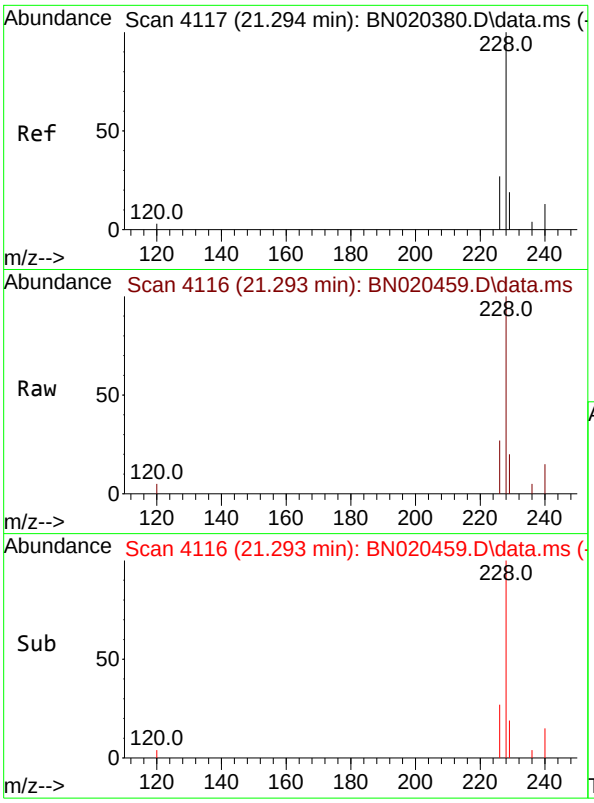


#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.541 min Scan# 3639
Delta R.T. -0.003 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:202 Resp: 20205

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.6	17.4
100	11.6	9.2	13.8



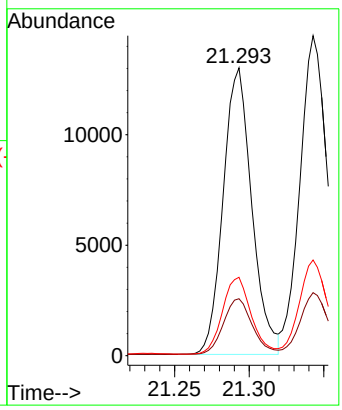


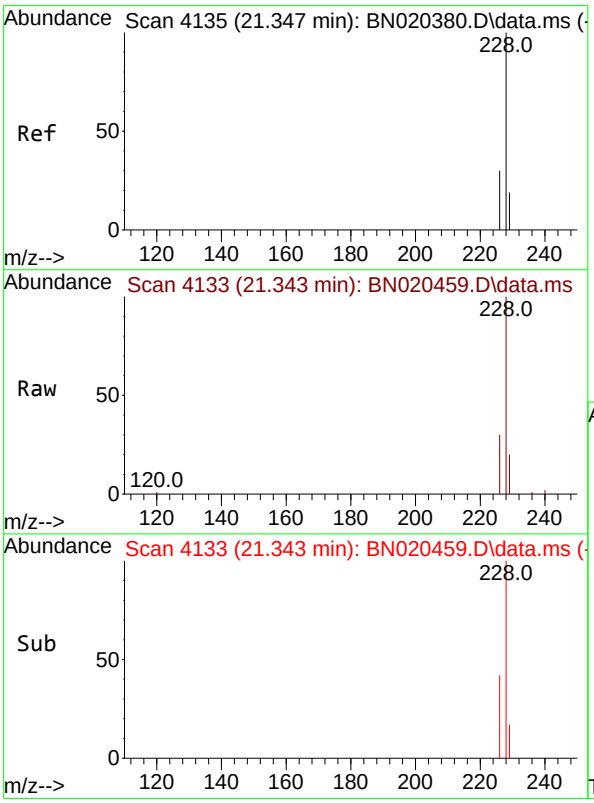
#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.293 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17326

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.2	22.2	33.2

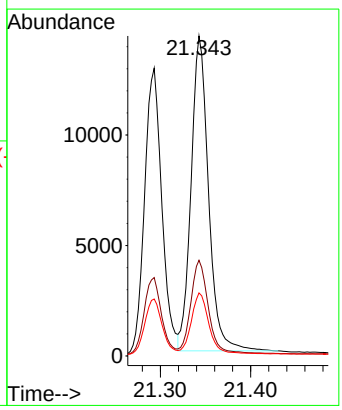


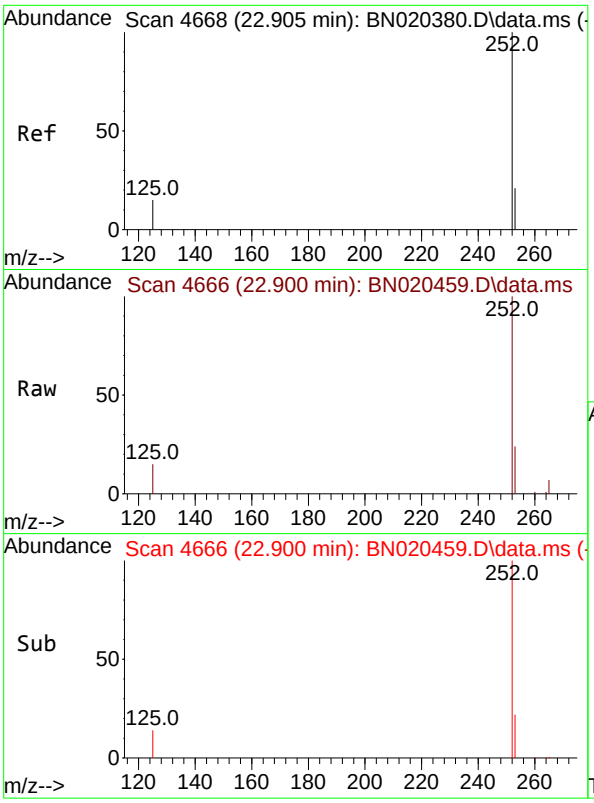


#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.343 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:228 Resp: 19080

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.7	15.8	23.8



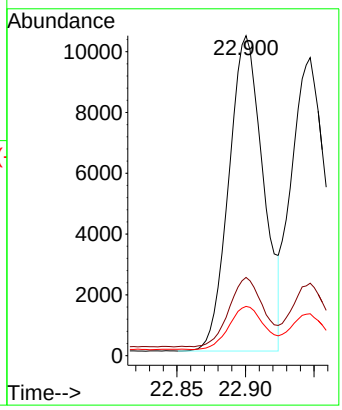


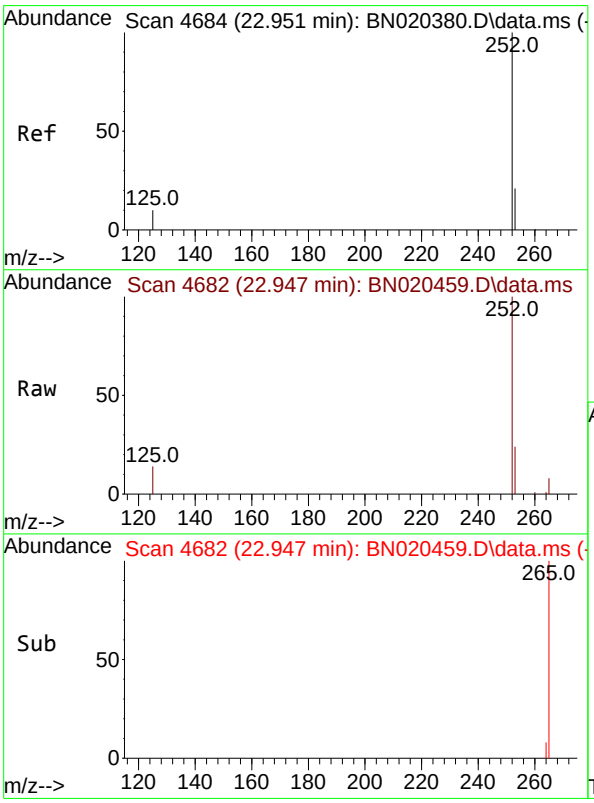
#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.900 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18081

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	48.6
125	15.4	0.0	34.0

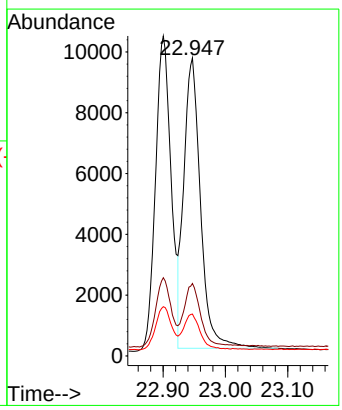


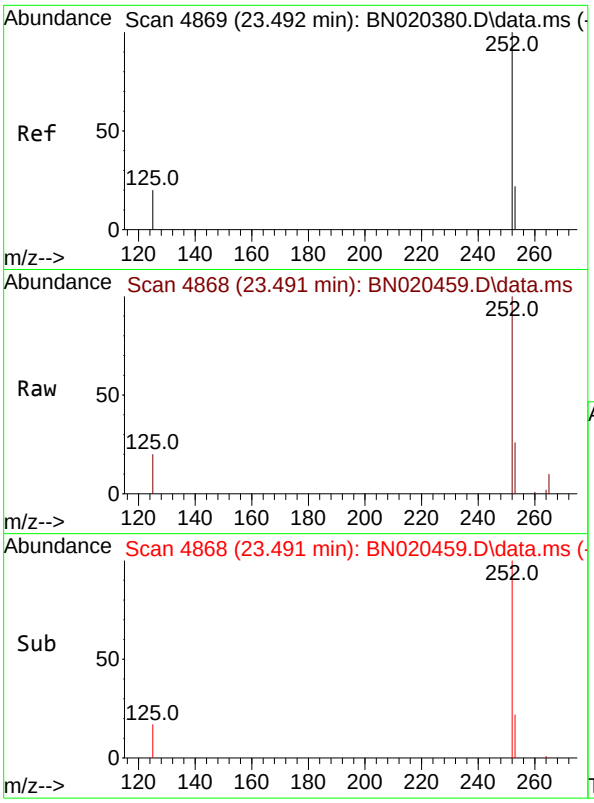


#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.947 min Scan# 4682
Delta R.T. -0.004 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:252 Resp: 17832

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.7	29.5
125	14.1	12.0	18.0



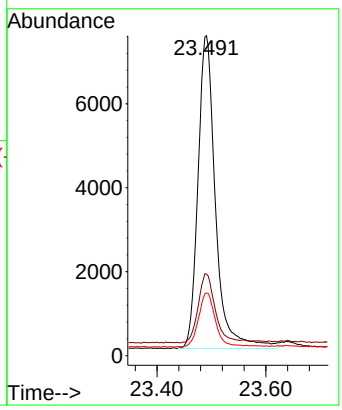


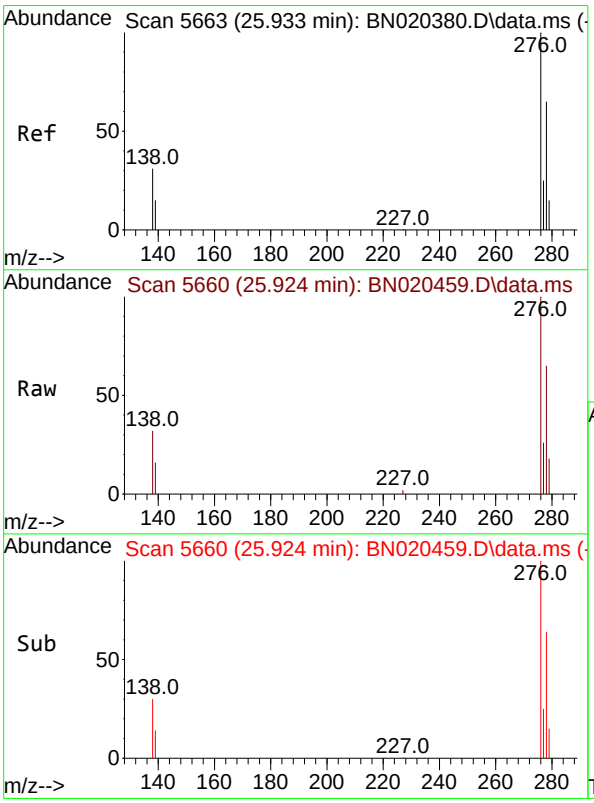
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.491 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 16711

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.0	31.4
125	19.6	18.8	28.2

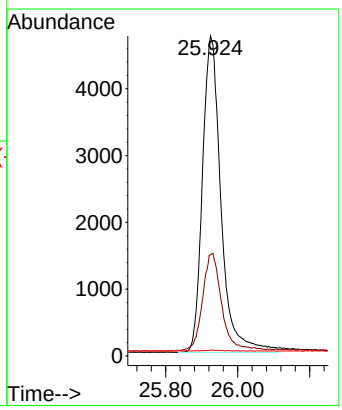


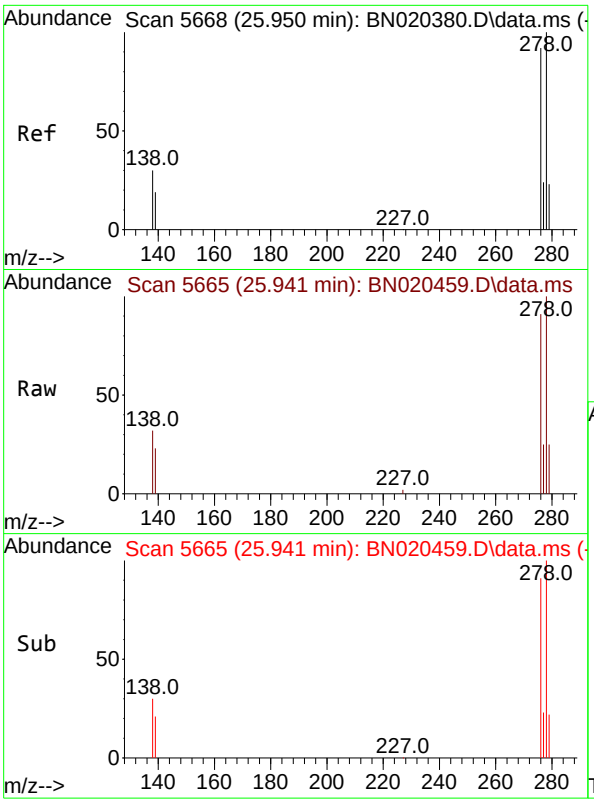


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng/ul
RT: 25.924 min Scan# 5660
Delta R.T. -0.009 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:276 Resp: 16953

Ion	Ratio	Lower	Upper
276	100		
138	32.2	27.4	41.2
227	0.2	0.2	0.2



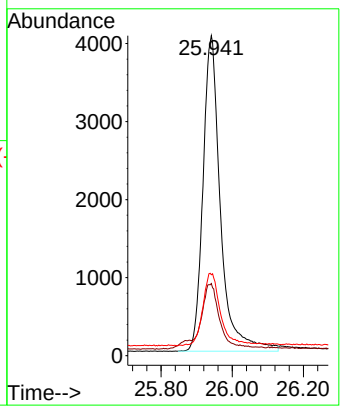


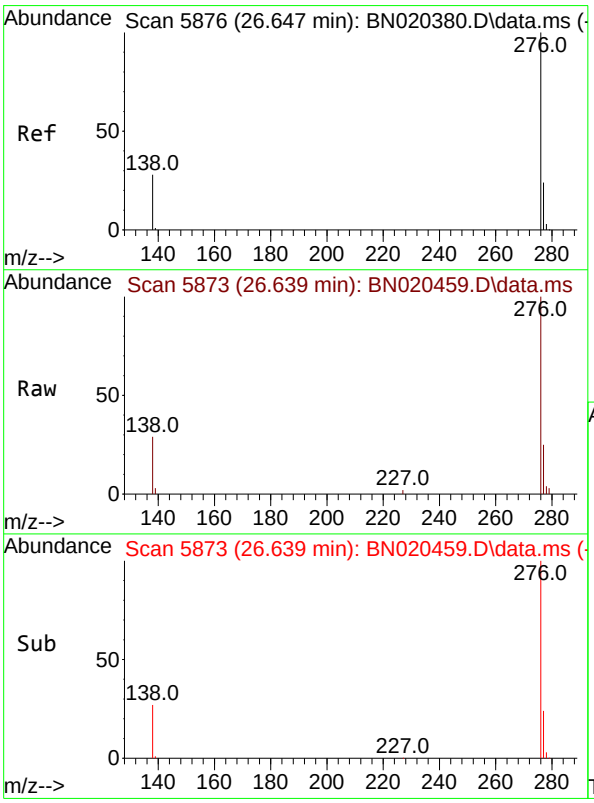
#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 25.941 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 13783

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.8	28.2
279	25.3	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.639 min Scan# 5873
Delta R.T. -0.009 min
Lab File: BN020459.D
Acq: 26 Jun 2022 06:10

Tgt Ion:276 Resp: 14623

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.5	35.3
277	25.4	20.1	30.1