Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
Data File : BN020823.D
Acq On : 22 Jul 2022 16:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 22 23:36:15 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 : Wed Jul 20 01:02:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2427	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	9339	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	5653	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	11805	0.400	ng/ul	0.00
17) Chrysene-d12	21.431	240	10913	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	9117	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1078	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	4521	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.262	212	12594	0.350	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	1042	0.363	ng/ul	93
5) Naphthalene	10.667	128	11648	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	6415	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	5709	0.312	ng/ul	100
10) Acenaphthylene	14.192	152	10840	0.405	ng/ul	99
11) Acenaphthene	14.534	153	8820	0.411	ng/ul	99
12) Fluorene	15.524	166	9871	0.388	ng/ul	99
14) Pentachlorophenol	16.892	266	700	0.294	ng/ul	98
15) Phenanthrene	17.263	178	16988	0.414	ng/ul	100
16) Anthracene	17.356	178	13676	0.386	ng/ul	100
19) Fluoranthene	19.290	202	19243	0.386	ng/ul	100
20) Pyrene	19.652	202	17707	0.342	ng/ul	97
21) Benzo(a)anthracene	21.416	228	14007	0.357	ng/ul	100
22) Chrysene	21.468	228	18238	0.418	ng/ul	99
24) Benzo(b)fluoranthene	23.067	252	16905	0.401	ng/ul	99
25) Benzo(k)fluoranthene	23.114	252	17895	0.420	ng/ul	99
26) Benzo(a)pyrene	23.678	252	15446	0.403	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.213	276	17149	0.449	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.226	278	13157	0.427	ng/ul	99
29) Benzo(g,h,i)perylene	26.954	276	14994	0.458	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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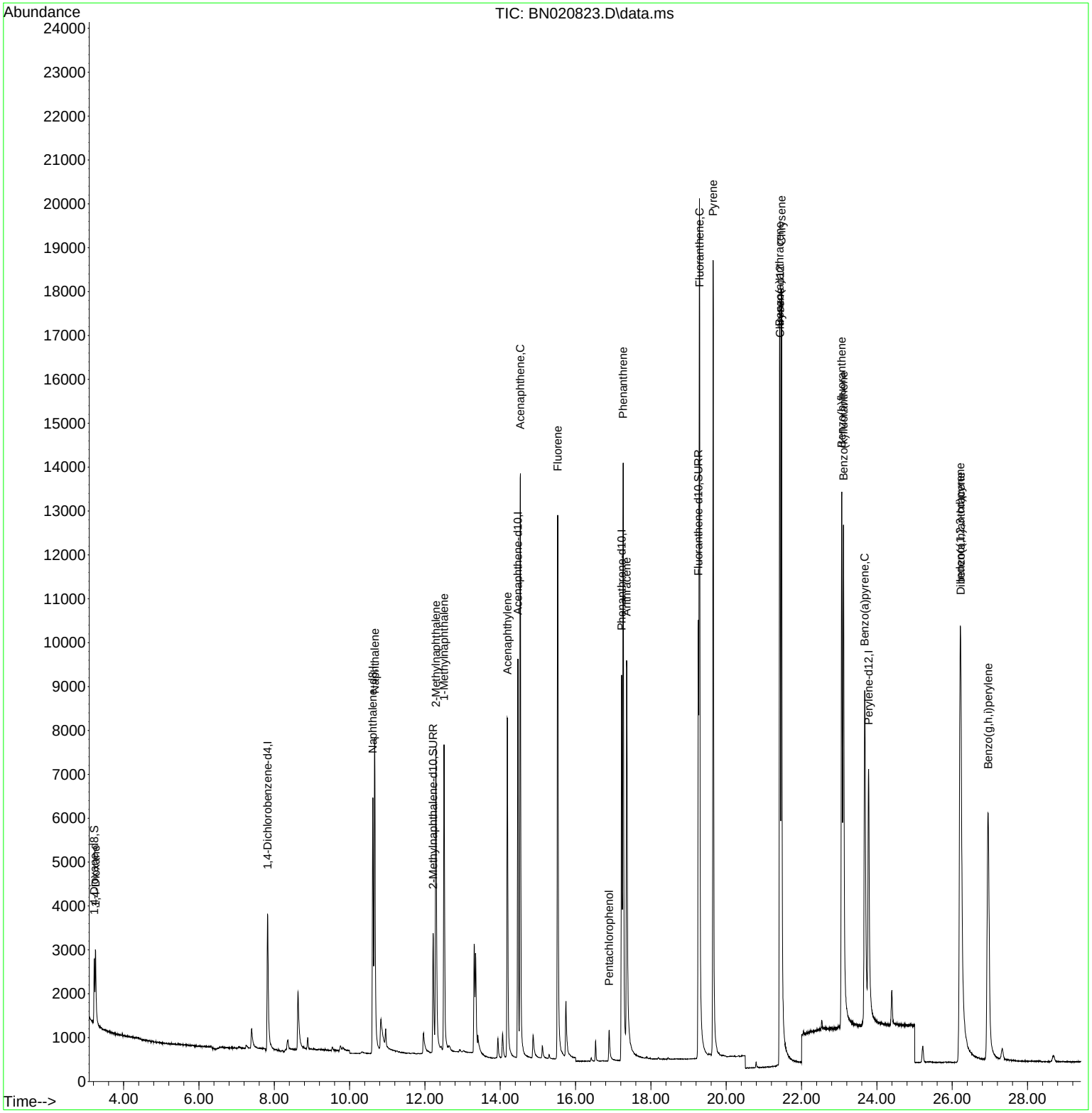
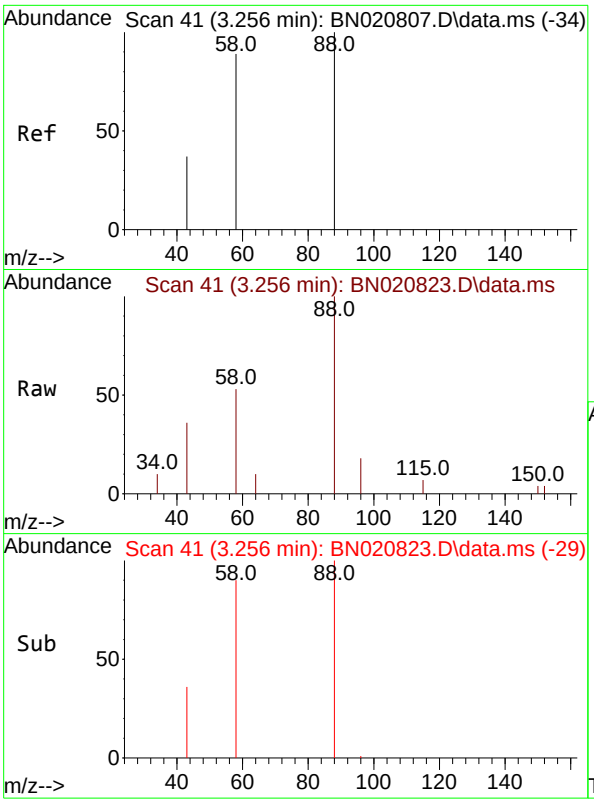


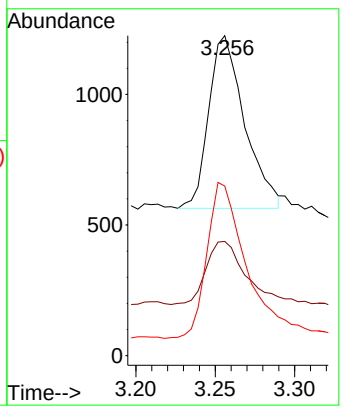


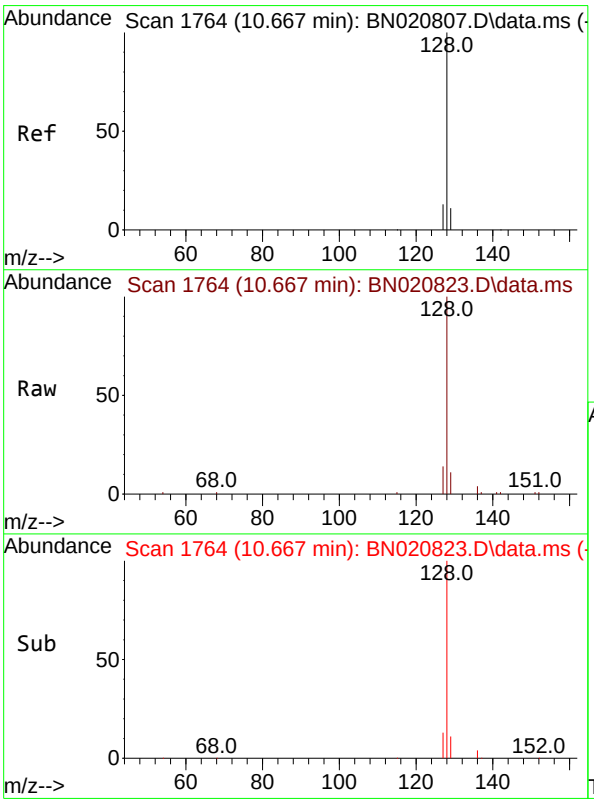
#2
1,4-Dioxane
Concen: 0.363 ng/ul
RT: 3.256 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1042

Ion	Ratio	Lower	Upper
88	100		
43	35.7	32.5	48.7
58	53.0	46.2	69.2

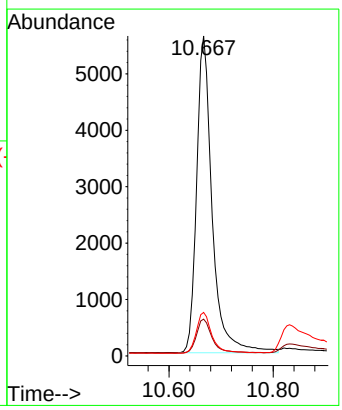


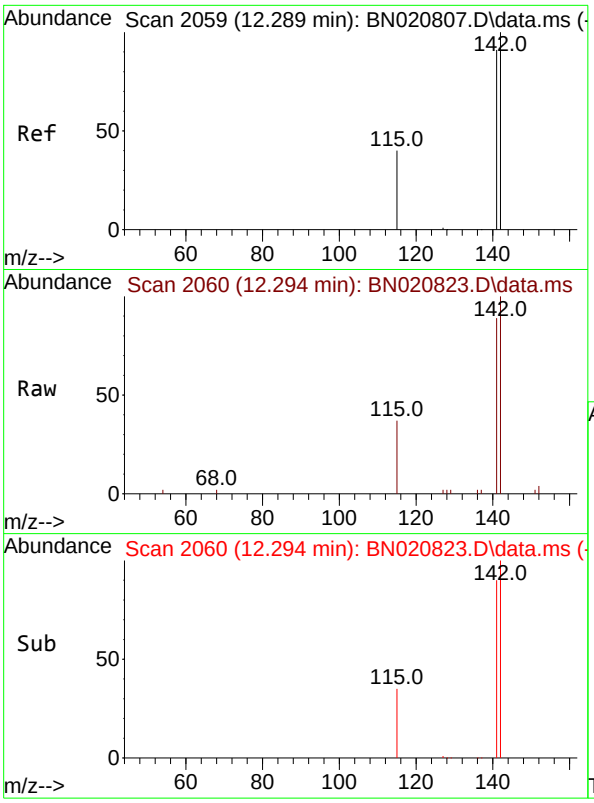


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.667 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:128 Resp: 11648

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.6	11.3	16.9



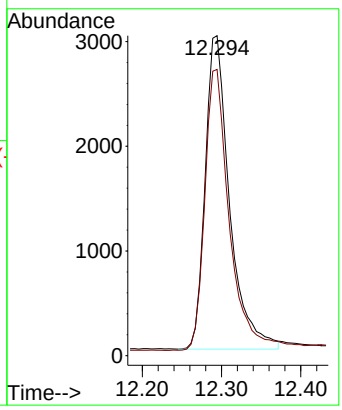


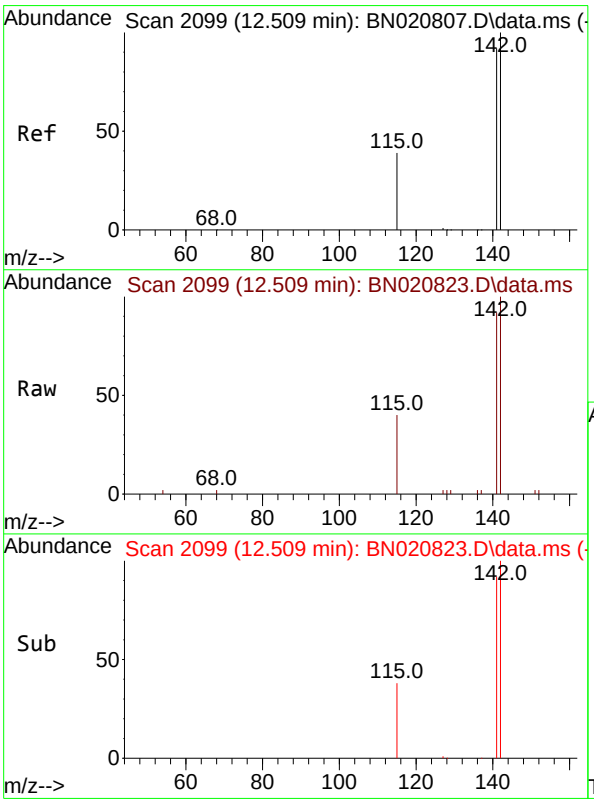
#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6415

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1

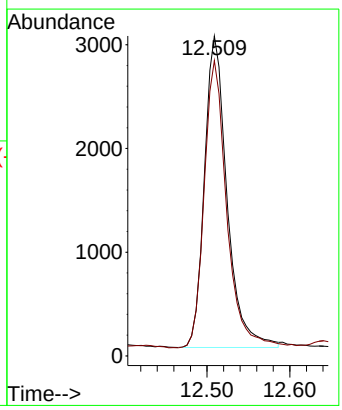


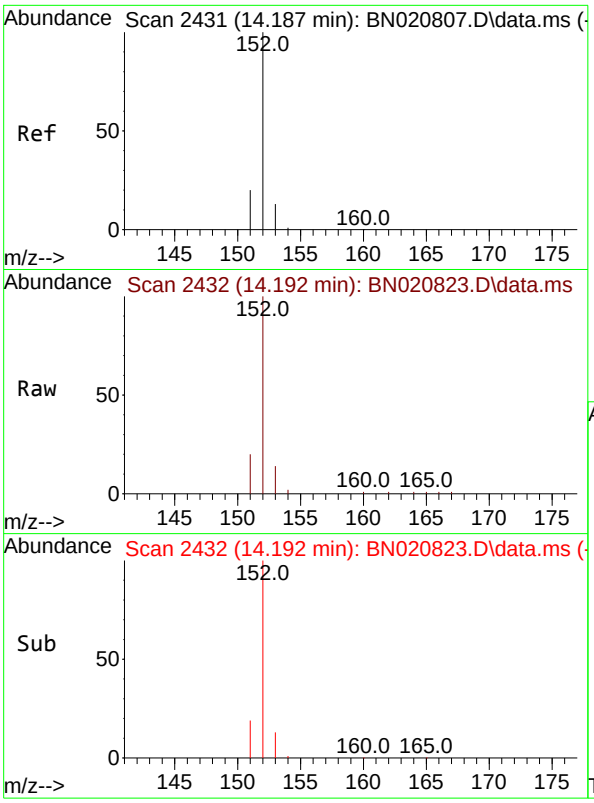


#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:142 Resp: 5709

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5



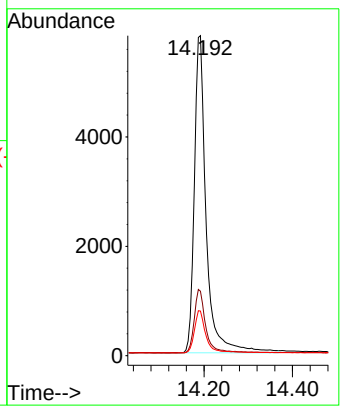


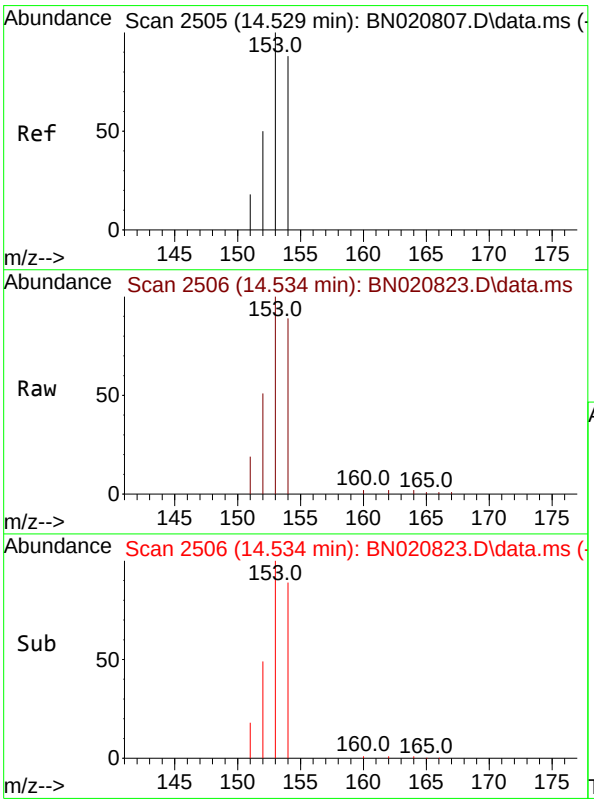
#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.192 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10840

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	14.0	11.1	16.7

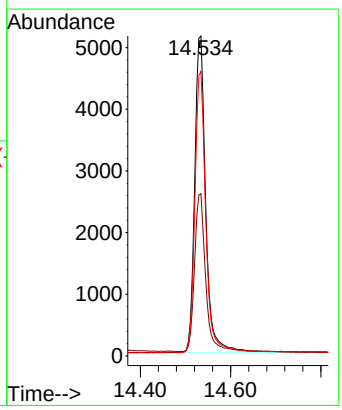


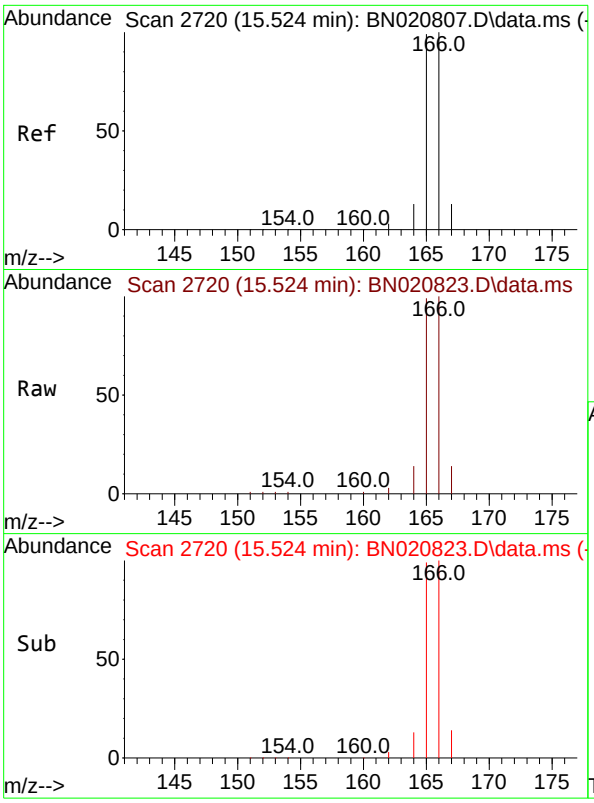


#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:153 Resp: 8820

Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.0	60.0
154	88.9	70.0	105.0



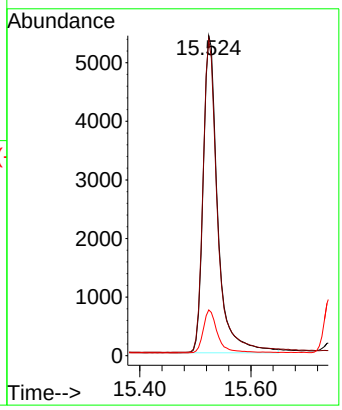


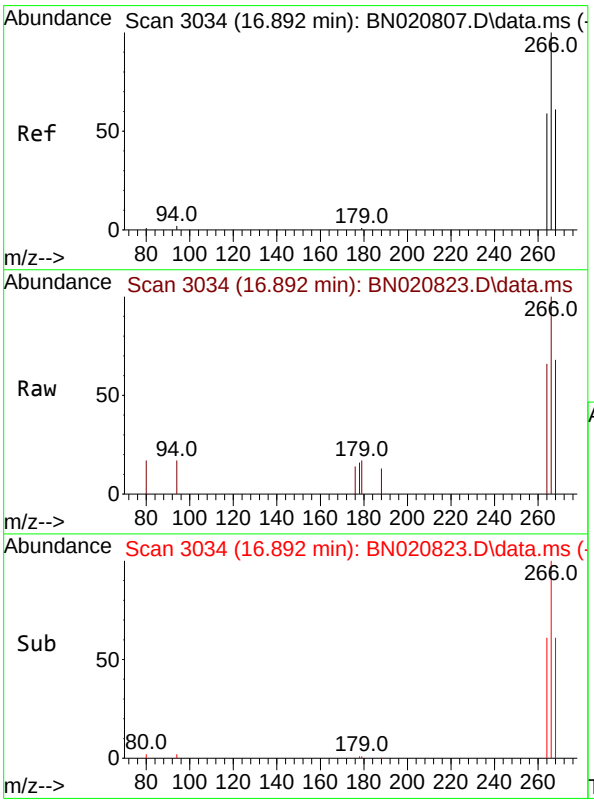
#12
Fluorene
Concen: 0.388 ng/ul
RT: 15.524 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9871

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.2
167	14.3	11.3	16.9

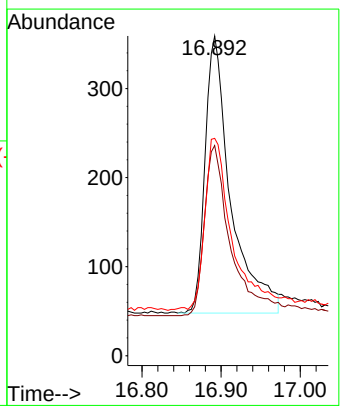


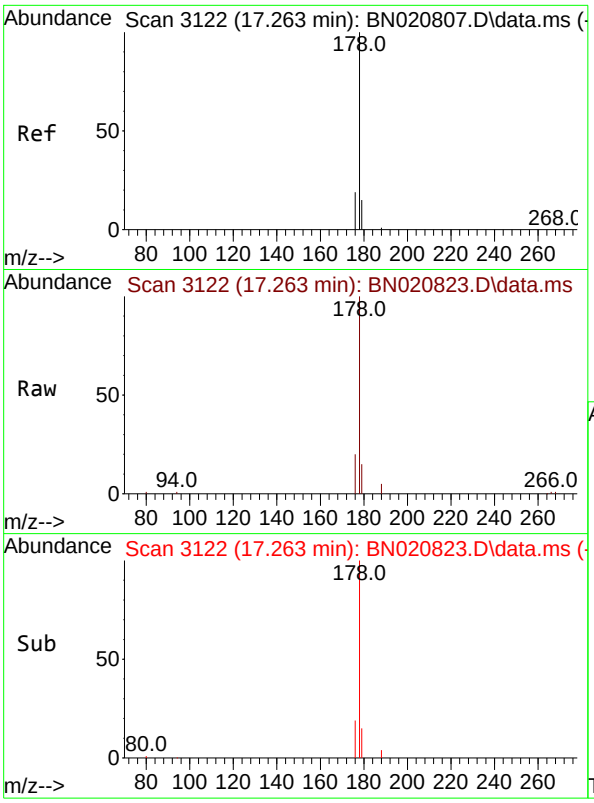


#14
Pentachlorophenol
Concen: 0.294 ng/ul
RT: 16.892 min Scan# 3034
Delta R.T. -0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:266 Resp: 700

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.6	77.4
268	66.3	51.5	77.3



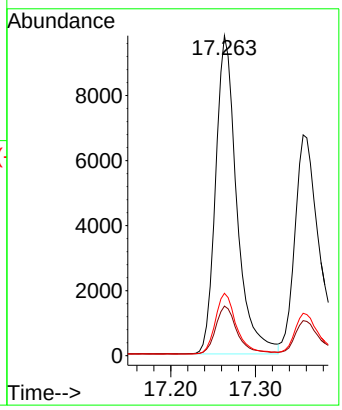


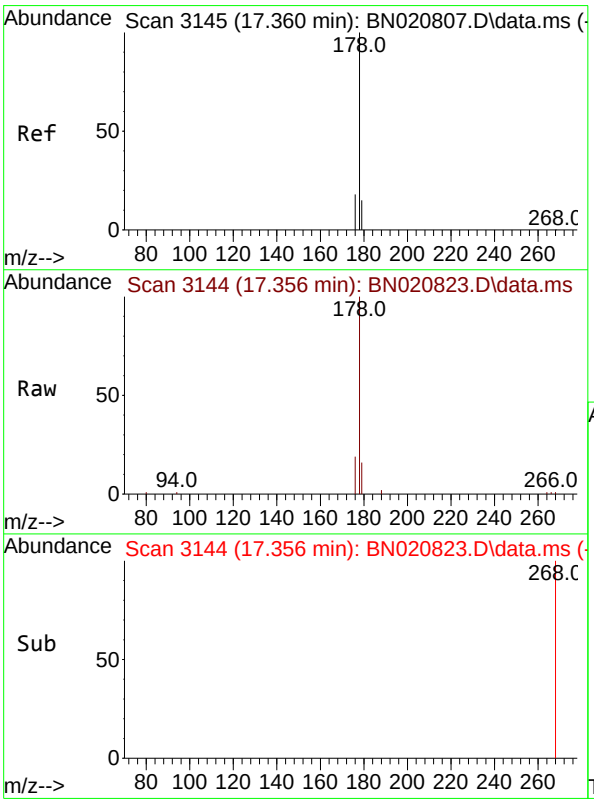
#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.263 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16988

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.5	15.8	23.6

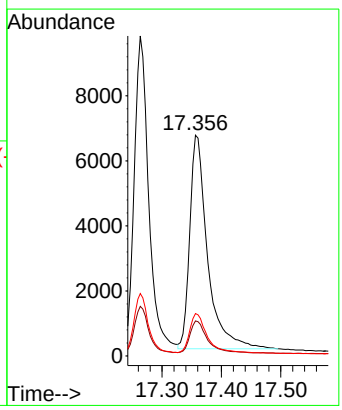


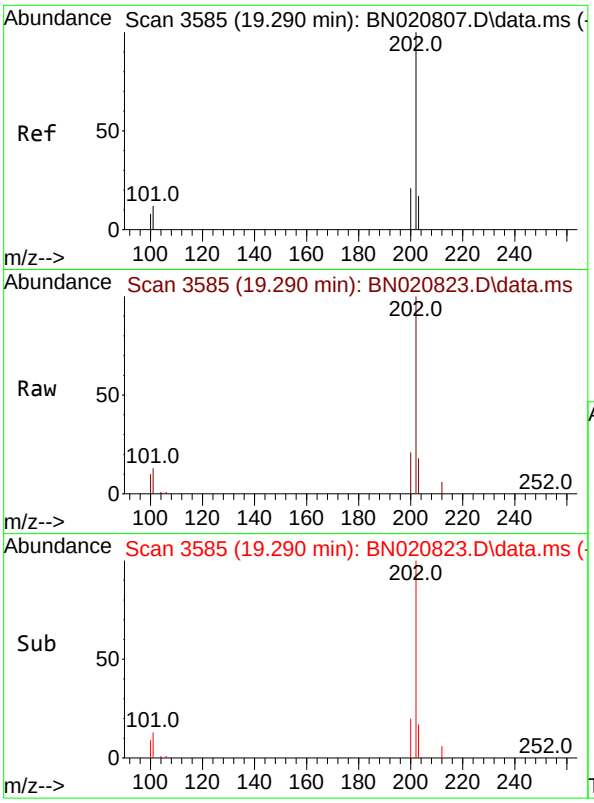


#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:178 Resp: 13676

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



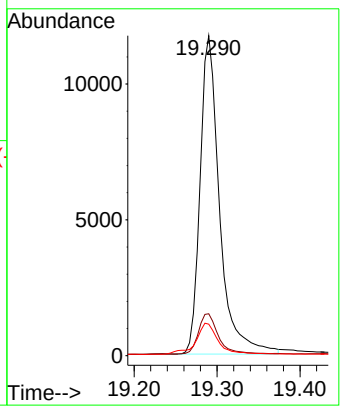


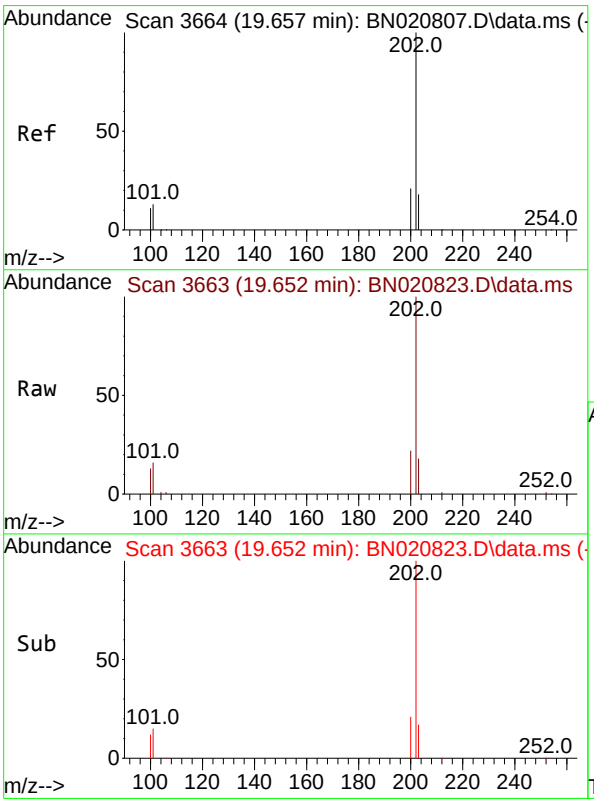
#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.290 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 19243

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	9.8	7.8	11.6

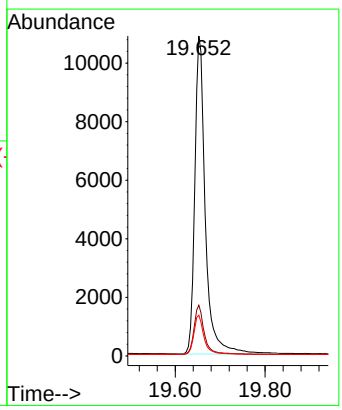


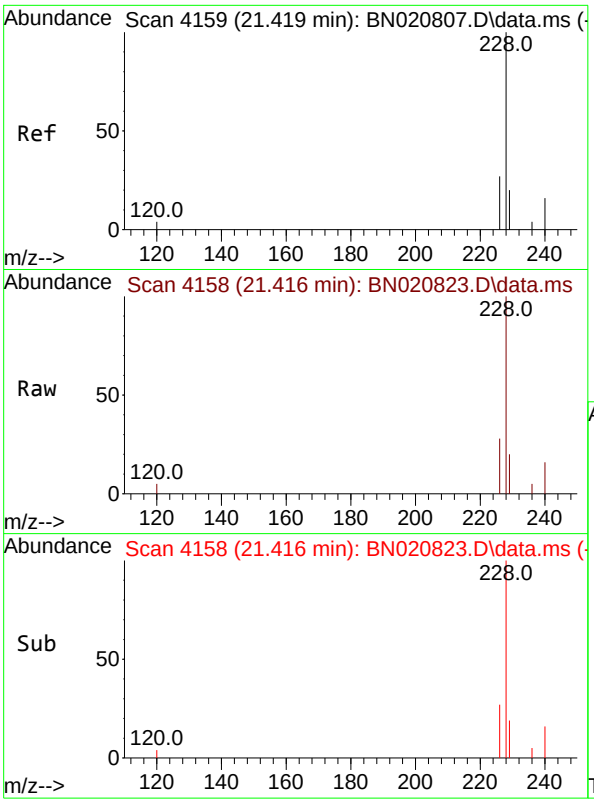


#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.652 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:202 Resp: 17707

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.6	17.4
100	12.8	9.2	13.8



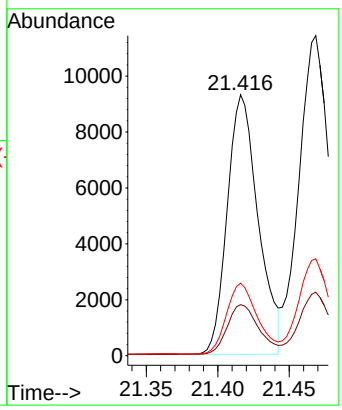


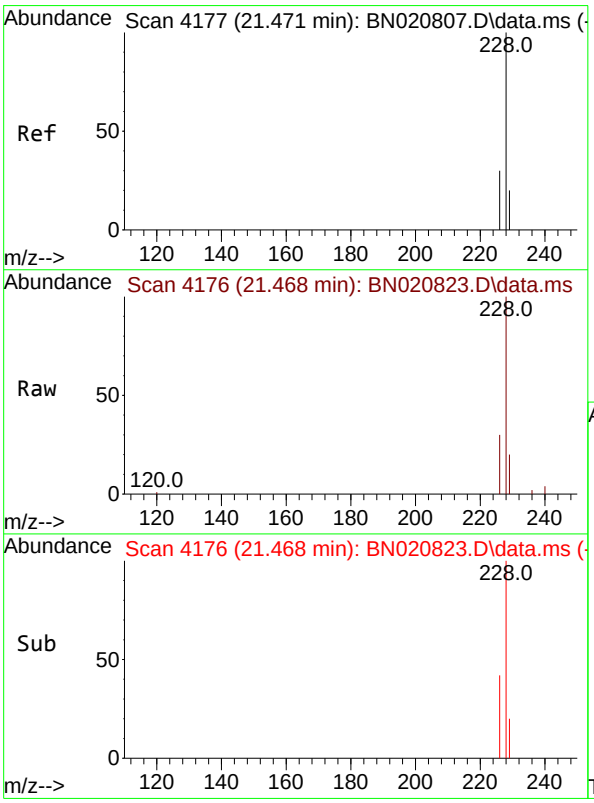
#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.416 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 14007

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	27.8	22.2	33.2

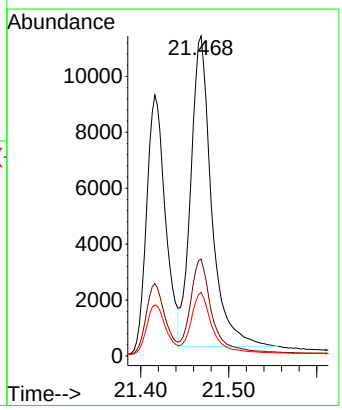


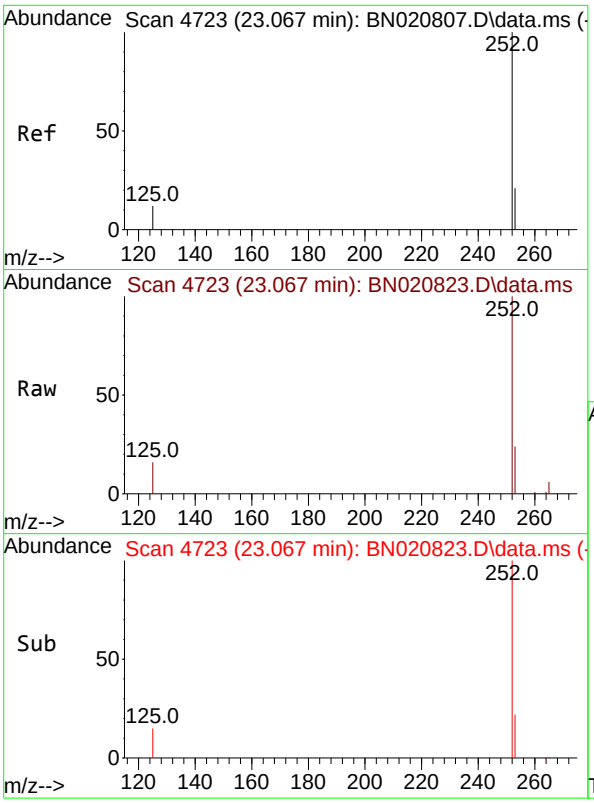


#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:228 Resp: 18238

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.9	15.8	23.8



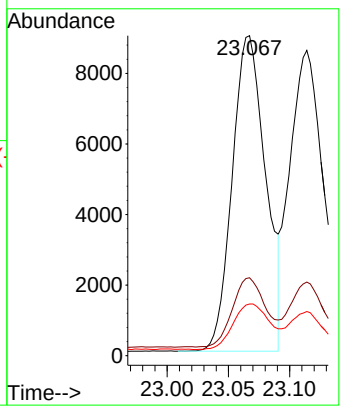


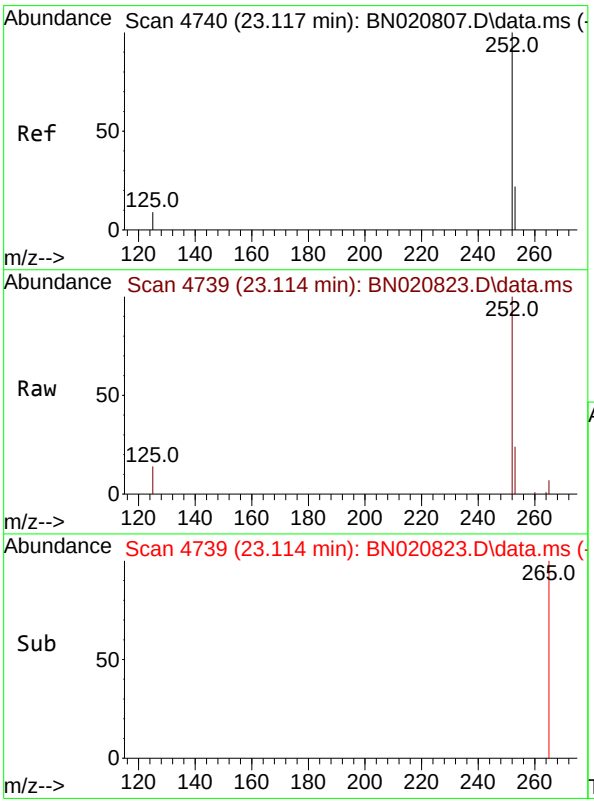
#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.067 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 16905

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	48.6
125	16.2	0.0	34.0

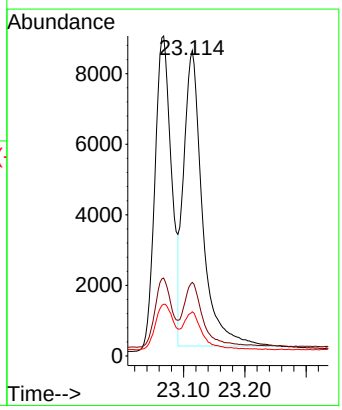


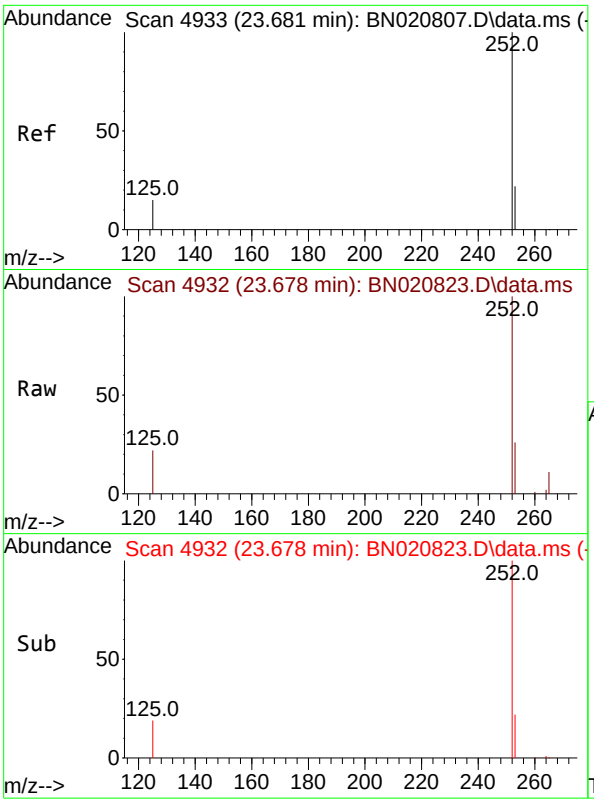


#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.114 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:252 Resp: 17895

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.7	29.5
125	14.5	12.0	18.0



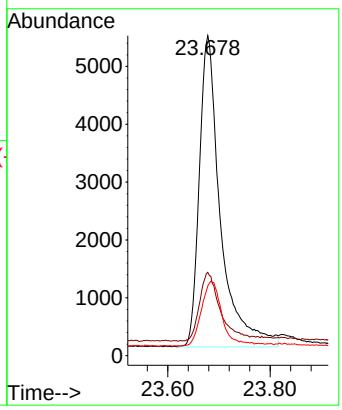


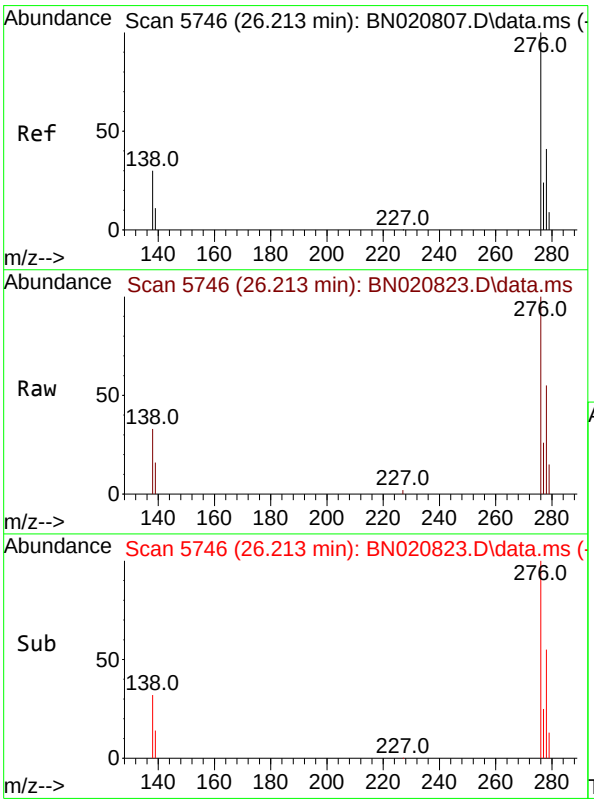
#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.678 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 15446

Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.0	31.4
125	21.8	18.8	28.2

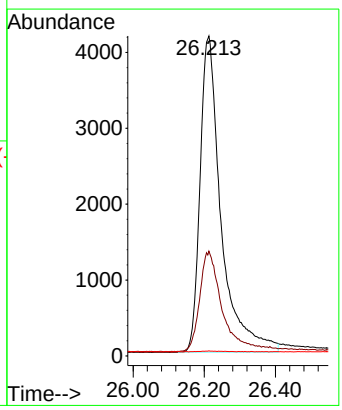


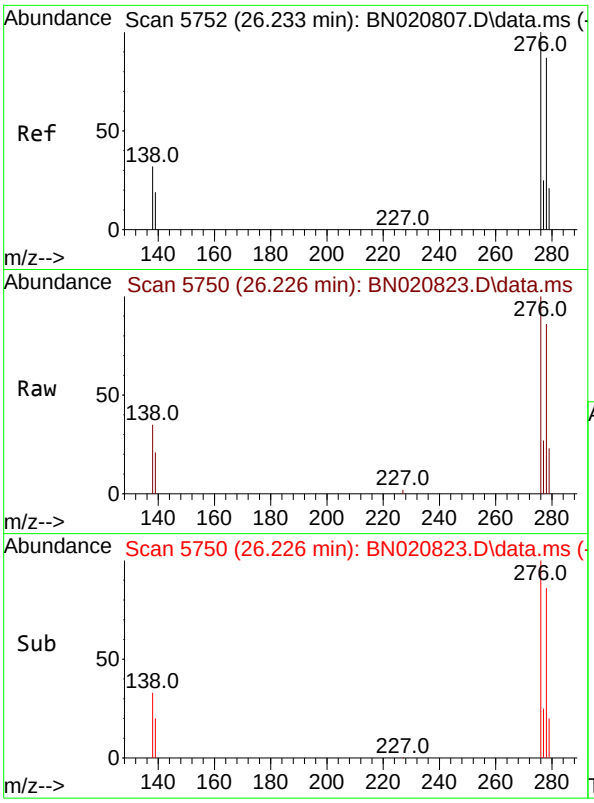


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.213 min Scan# 5746
Delta R.T. -0.003 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:276 Resp: 17149

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.4	41.2
227	0.1	0.2	0.2#



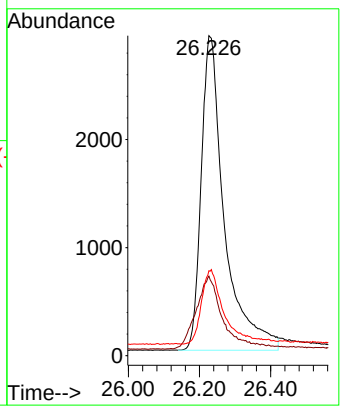


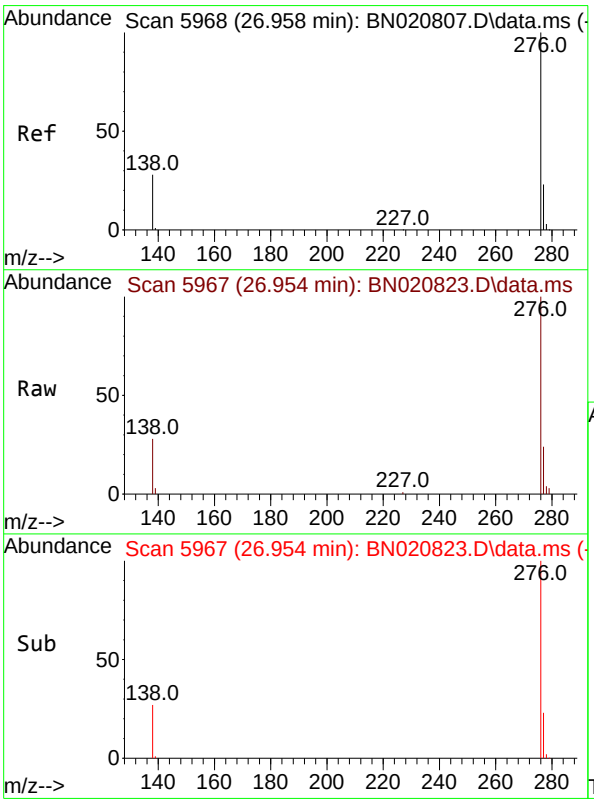
#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 26.226 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 13157

Ion	Ratio	Lower	Upper
278	100		
139	24.9	18.8	28.2
279	26.5	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 26.954 min Scan# 5967
Delta R.T. 0.004 min
Lab File: BN020823.D
Acq: 22 Jul 2022 16:48

Tgt Ion:276 Resp: 14994

Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.5	35.3
277	24.5	20.1	30.1