Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
Data File : BN020402.D
Acq On : 24 Jun 2022 17:51
Operator : CG/JU
Sample : PB145731BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 25 00:55:21 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	7.754	152	2767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.533	136	9155	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.380	164	6157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	14223	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	12752	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	10439	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	2363	0.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	5786	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.149	212	15507	0.369	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	5890	1.799	ng/ul#	83
5) Naphthalene	10.583	128	9875	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.205	142	6609	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.420	142	6978	0.389	ng/ul	100
10) Acenaphthylene	14.098	152	9925	0.340	ng/ul	99
11) Acenaphthene	14.440	153	8010	0.343	ng/ul	99
12) Fluorene	15.430	166	9547	0.345	ng/ul	99
14) Pentachlorophenol	16.785	266	1446	0.504	ng/ul	99
15) Phenanthrene	17.161	178	17003	0.344	ng/ul	100
16) Anthracene	17.254	178	14637	0.343	ng/ul	100
19) Fluoranthene	19.181	202	19566	0.336	ng/ul	99
20) Pyrene	19.544	202	20199	0.334	ng/ul	98
21) Benzo(a)anthracene	21.294	228	16510	0.360	ng/ul	100
22) Chrysene	21.347	228	18834	0.369	ng/ul	100
24) Benzo(b)fluoranthene	22.905	252	17709	0.367	ng/ul	99
25) Benzo(k)fluoranthene	22.949	252	17482	0.358	ng/ul	100
26) Benzo(a)pyrene	23.495	252	15947	0.363	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.926	276	16388	0.375	ng/ul	98
28) Dibenzo(a,h)anthracene	25.946	278	13241	0.375	ng/ul	99
29) Benzo(g,h,i)perylene	26.644	276	13988	0.373	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
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Sample : PB145731BS
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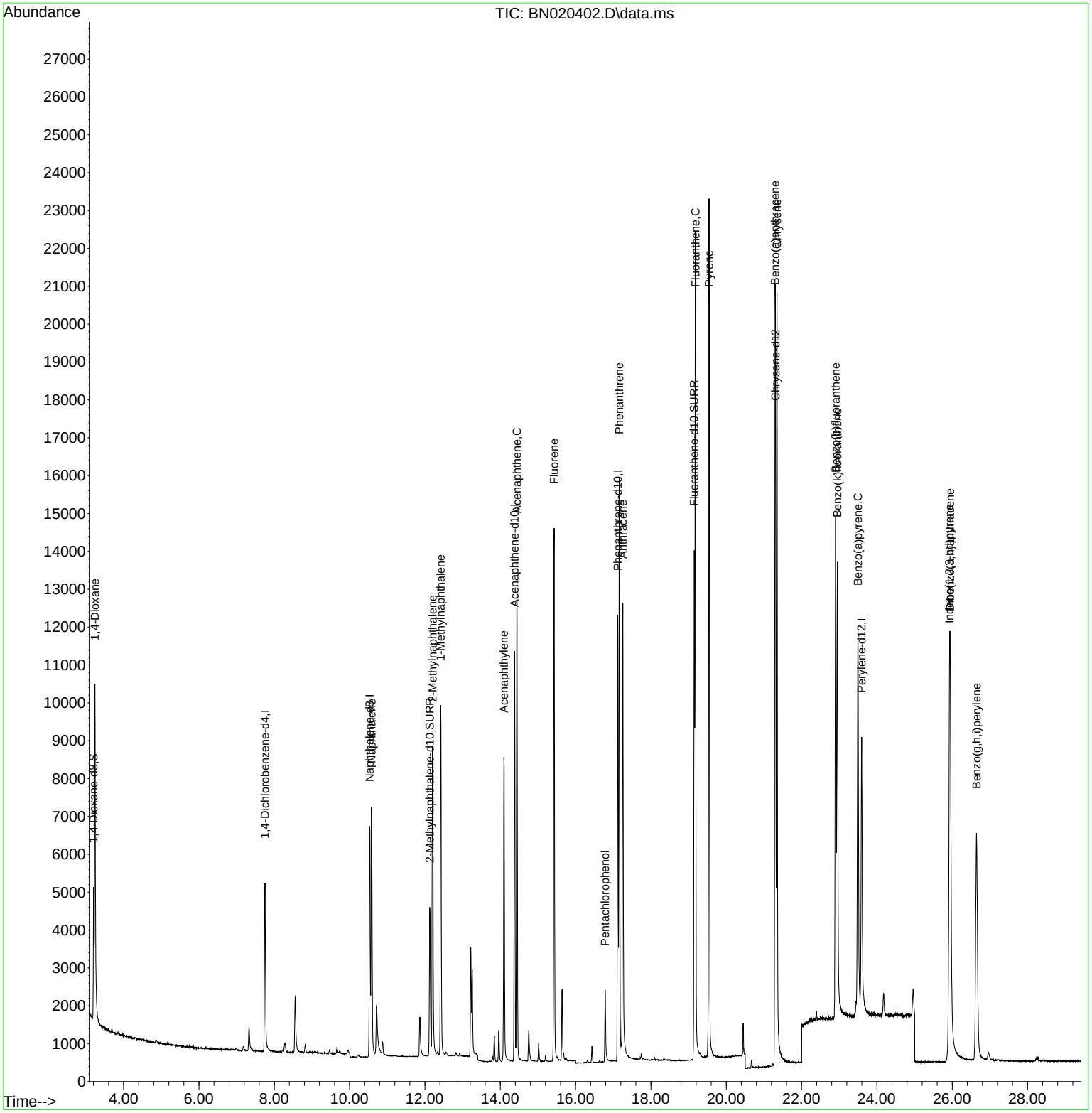
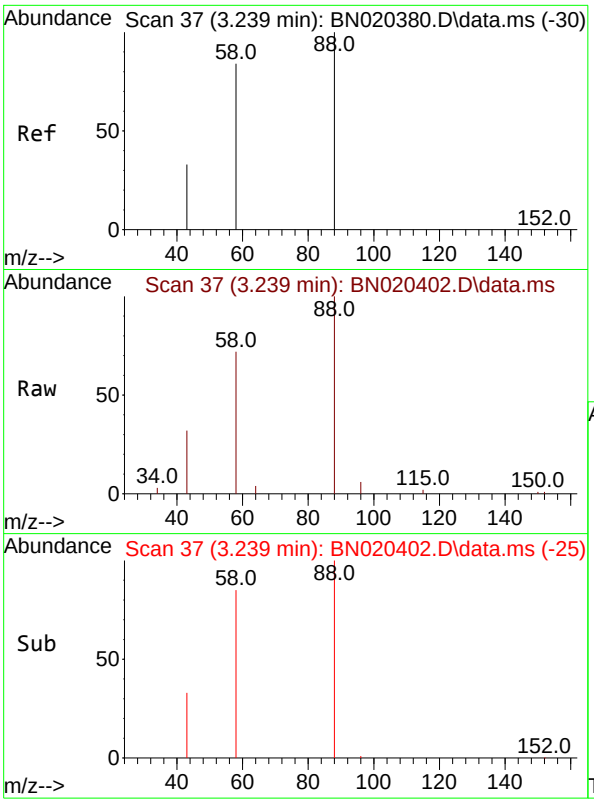


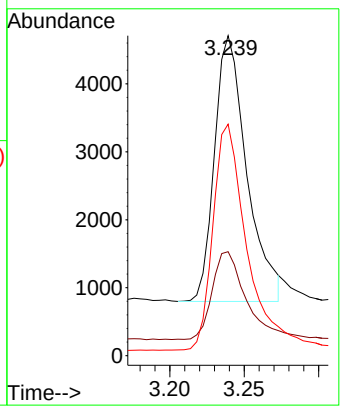


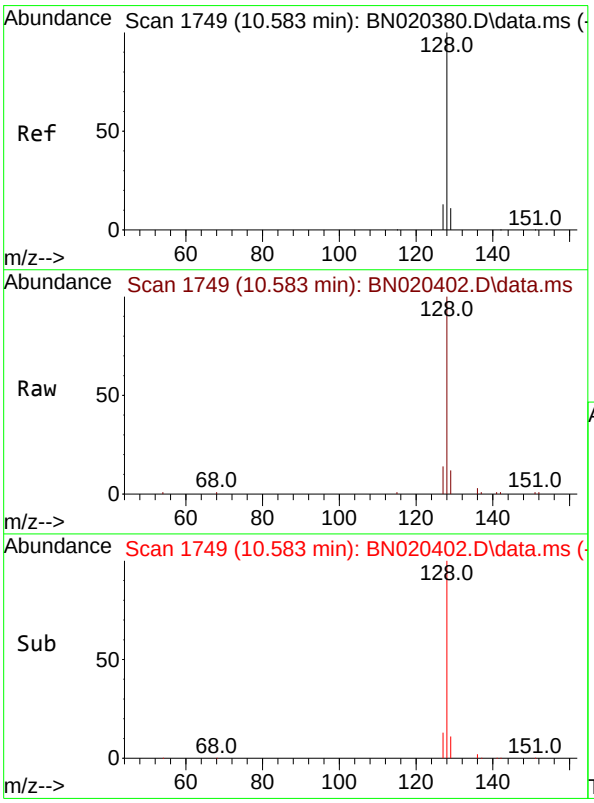
#2
1,4-Dioxane
Concen: 1.799 ng/ul
RT: 3.239 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 5890

Ion	Ratio	Lower	Upper
88	100		
43	32.5	32.5	48.7
58	72.3	46.2	69.2#

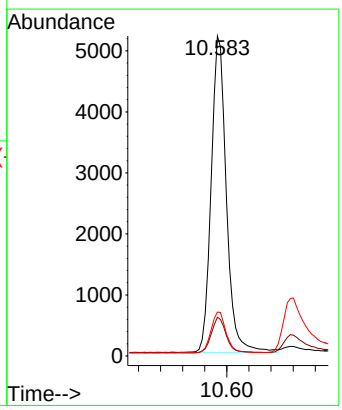


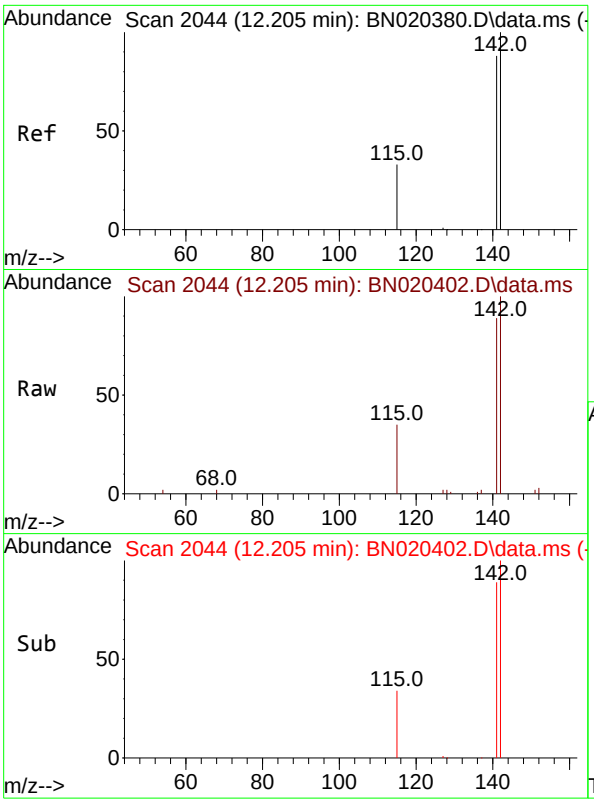


#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.583 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:128 Resp: 9875

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	13.7	11.3	16.9



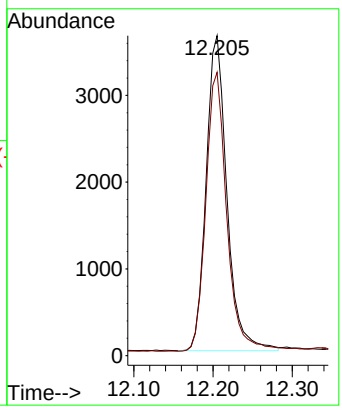


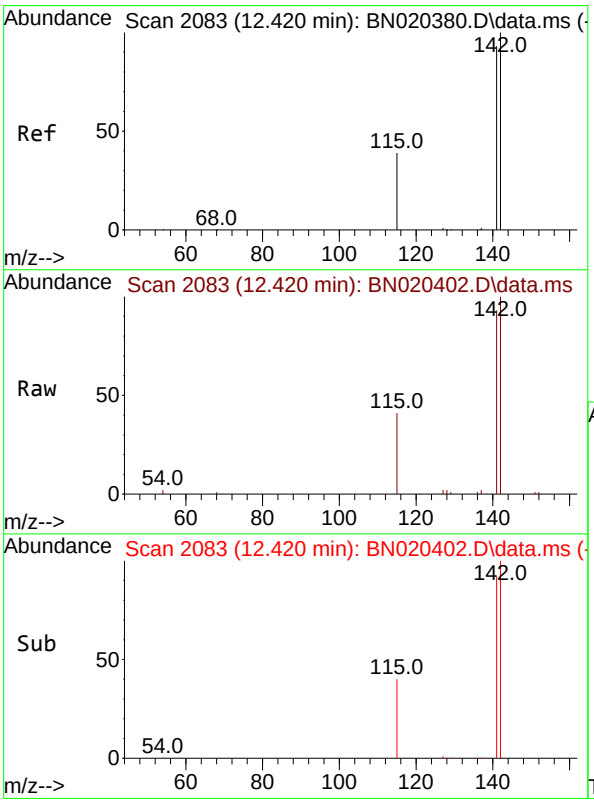
#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.205 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6609

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1

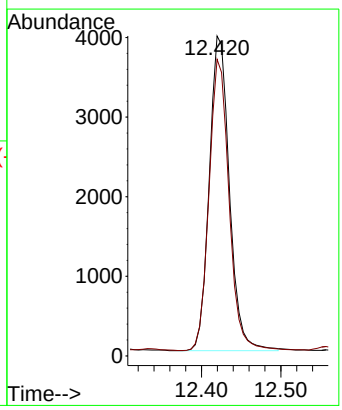


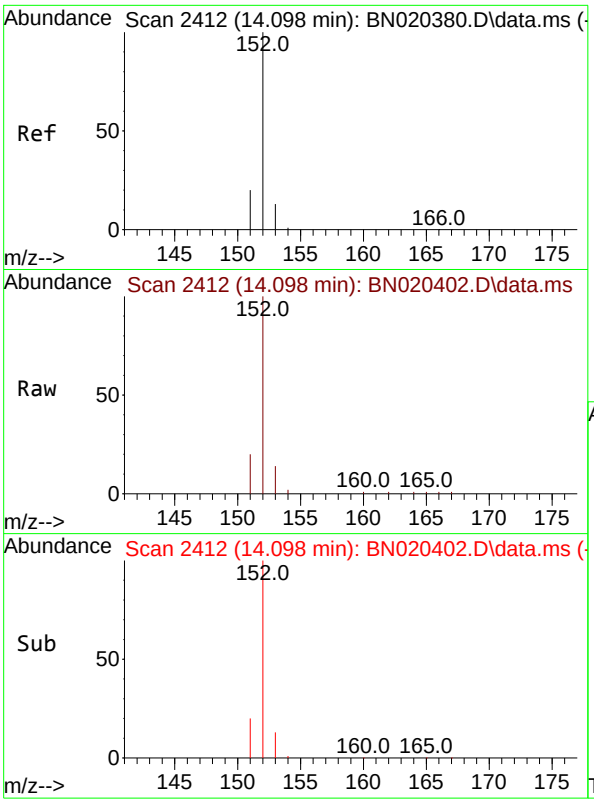


#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:142 Resp: 6978

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5



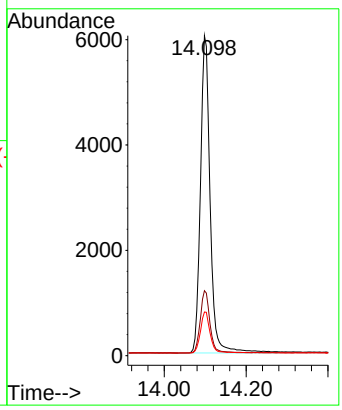


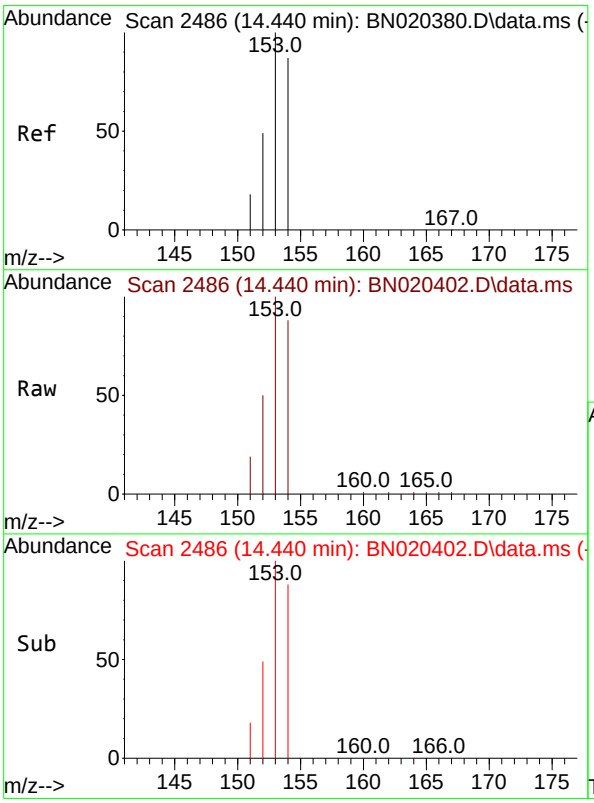
#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.098 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9925

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	13.6	11.1	16.7

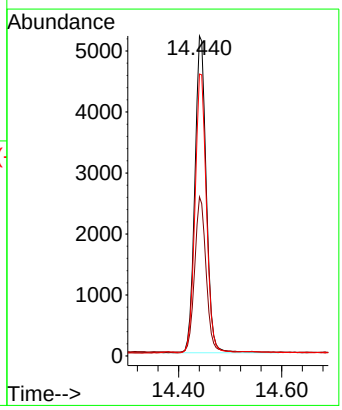


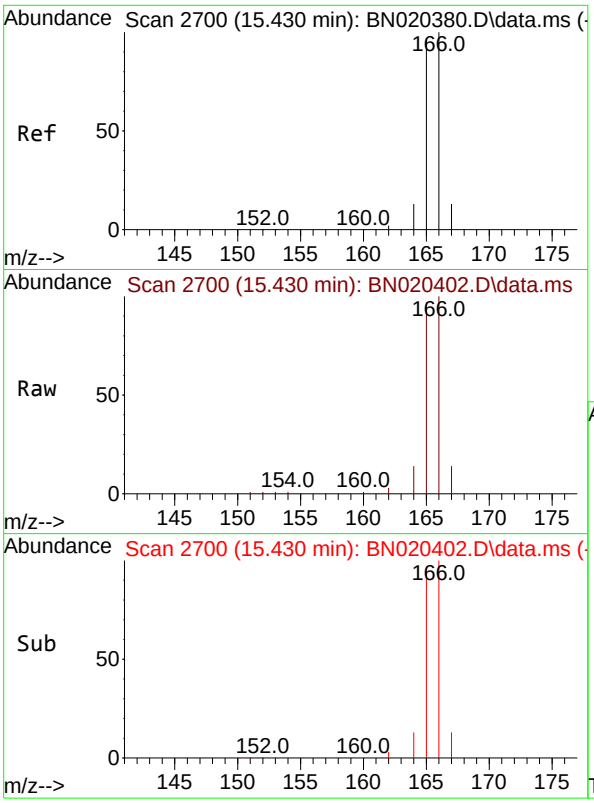


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.440 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:153 Resp: 8010

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.0	60.0
154	88.1	70.0	105.0



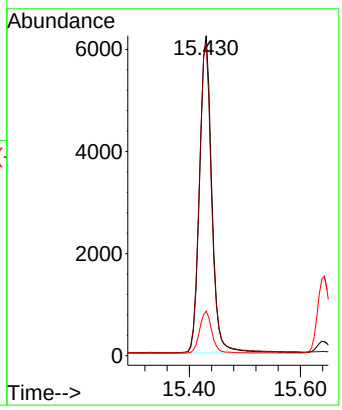


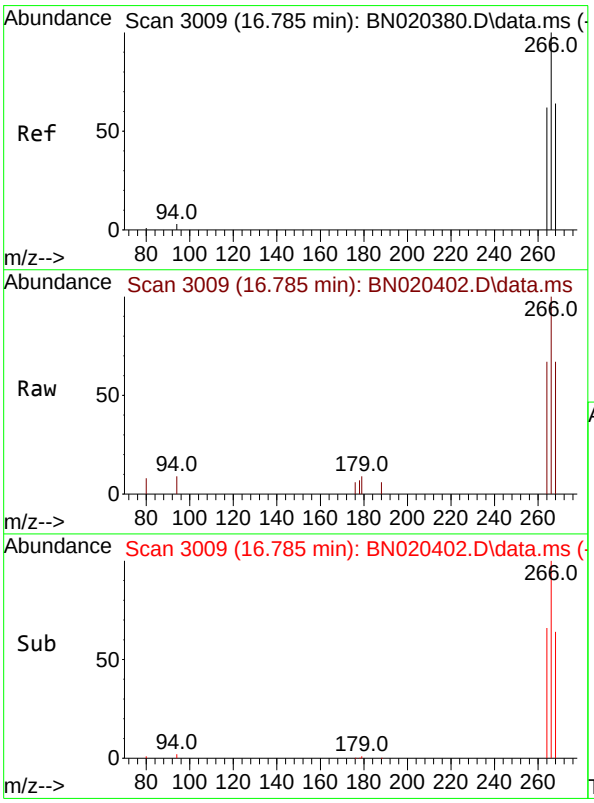
#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.430 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9547

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.9	11.3	16.9

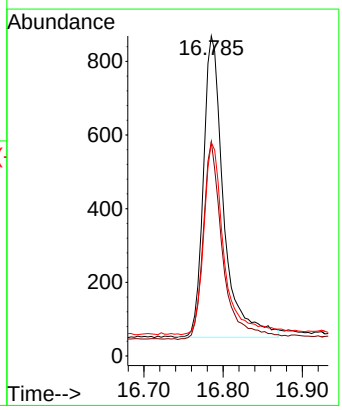


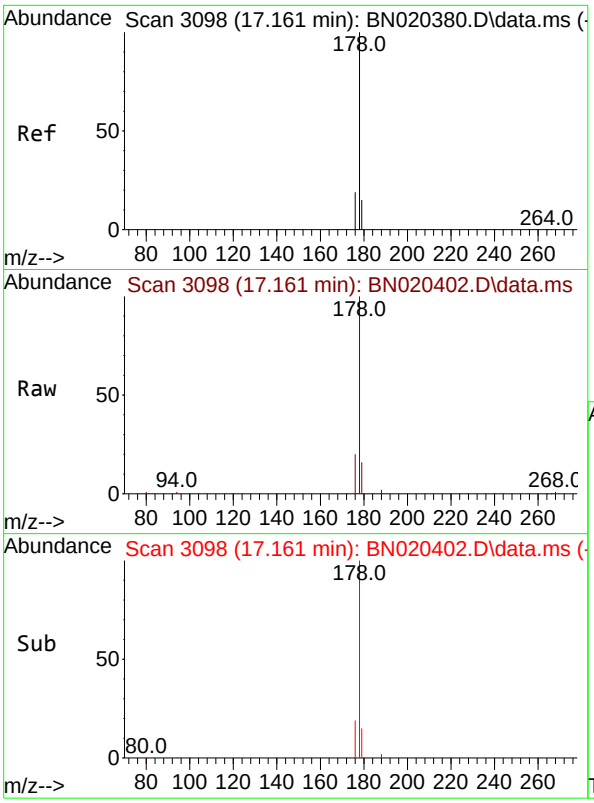


#14
Pentachlorophenol
Concen: 0.504 ng/ul
RT: 16.785 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:266 Resp: 1446

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.6	77.4
268	63.5	51.5	77.3



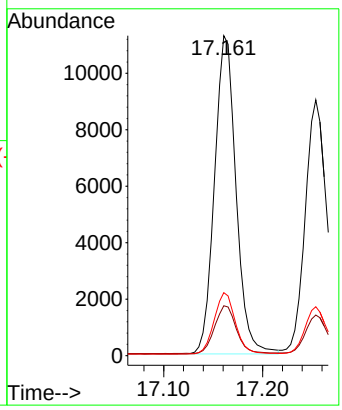


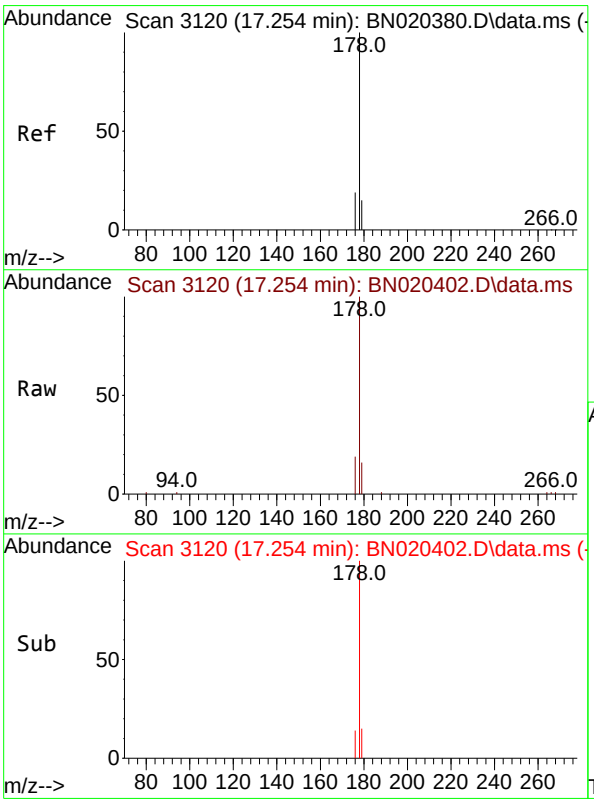
#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.161 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 17003

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.7	15.8	23.6

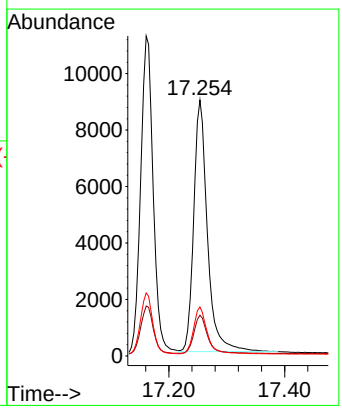


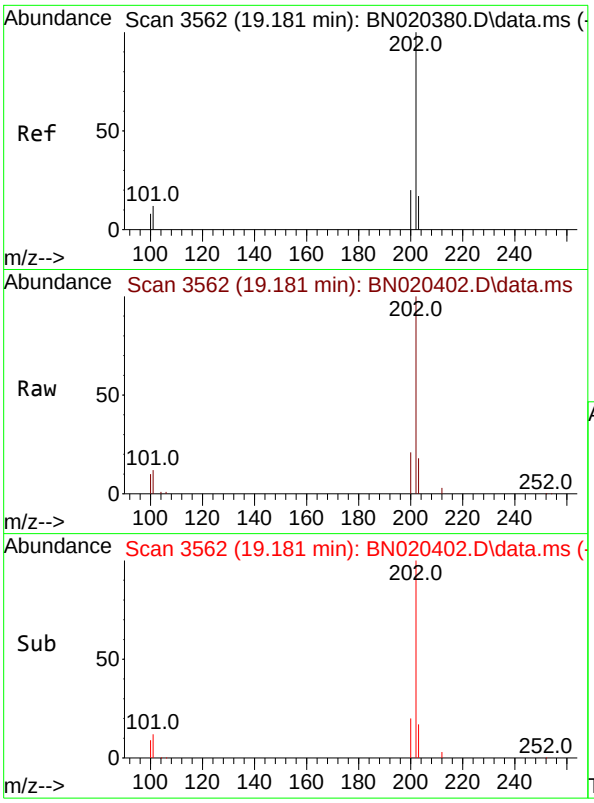


#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:178 Resp: 14637

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



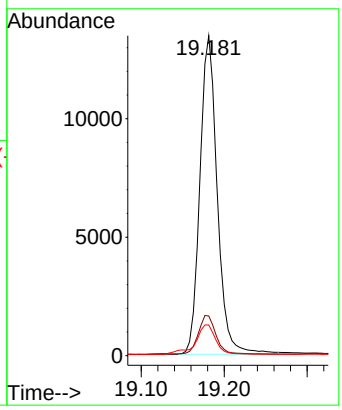


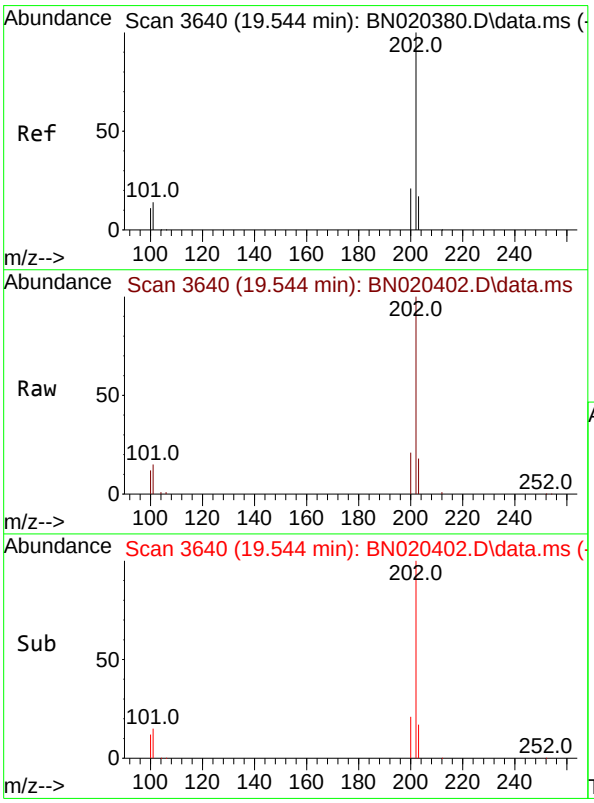
#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.181 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 19566

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	9.6	7.8	11.6

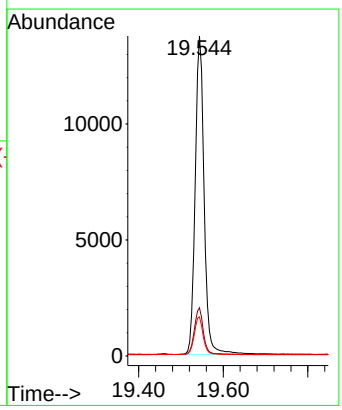


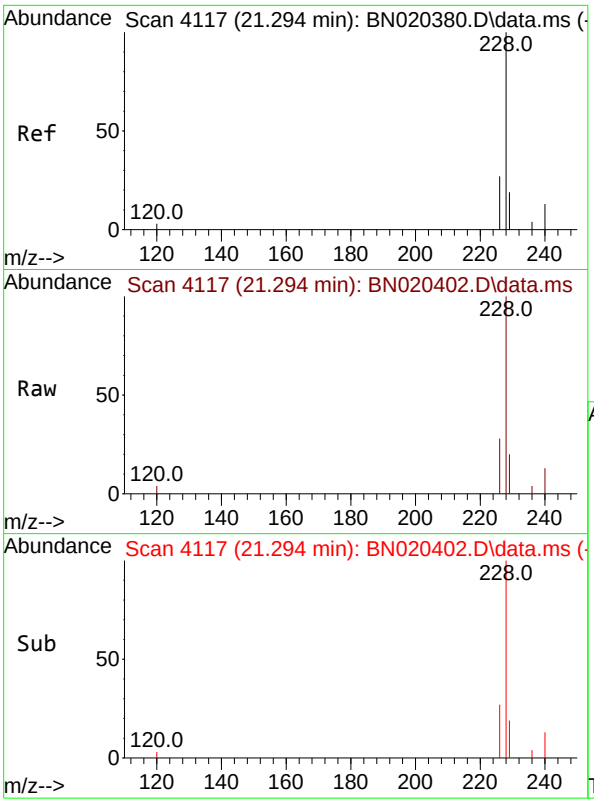


#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.544 min Scan# 3640
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:202 Resp: 20199

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.6	17.4
100	12.2	9.2	13.8



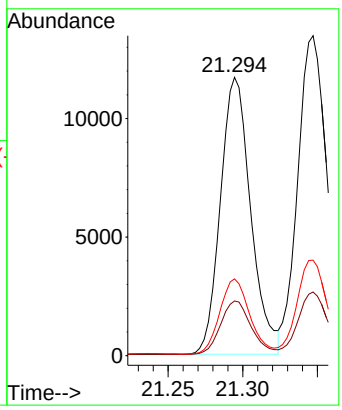


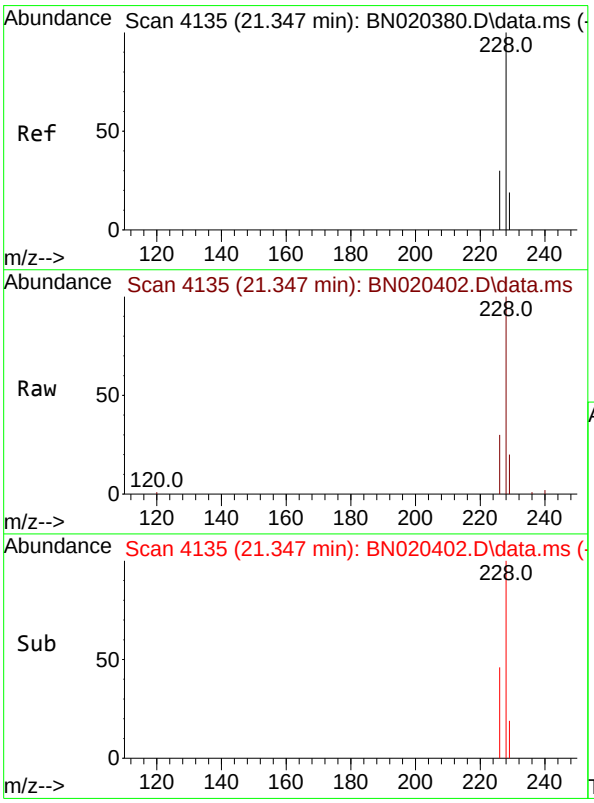
#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.294 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 16510

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	27.6	22.2	33.2

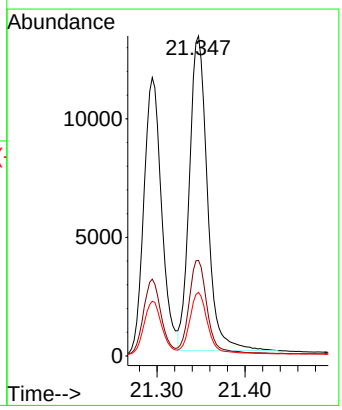


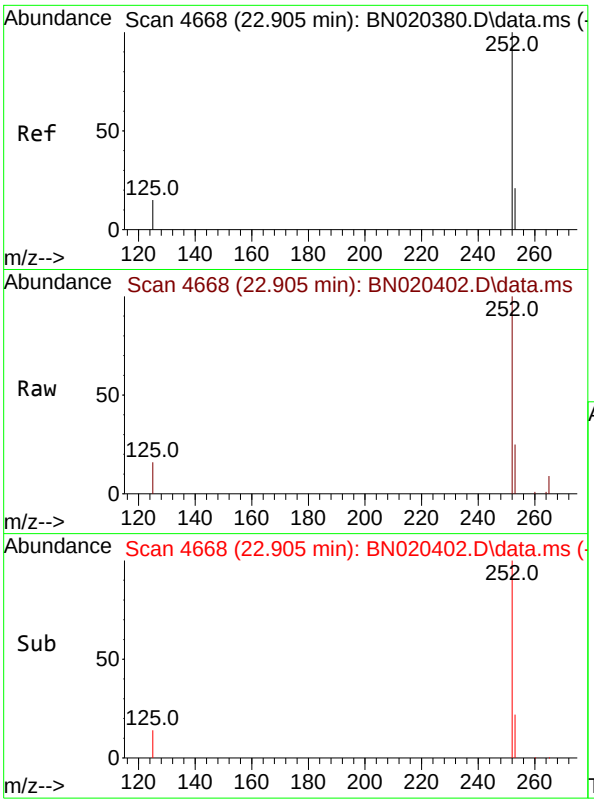


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.347 min Scan# 4135
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:228 Resp: 18834

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.9	15.8	23.8



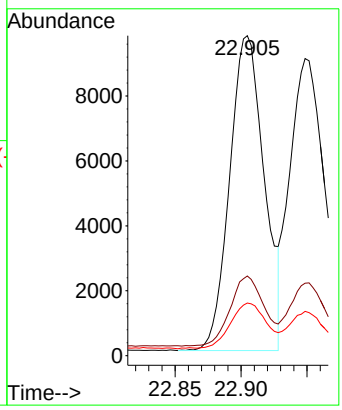


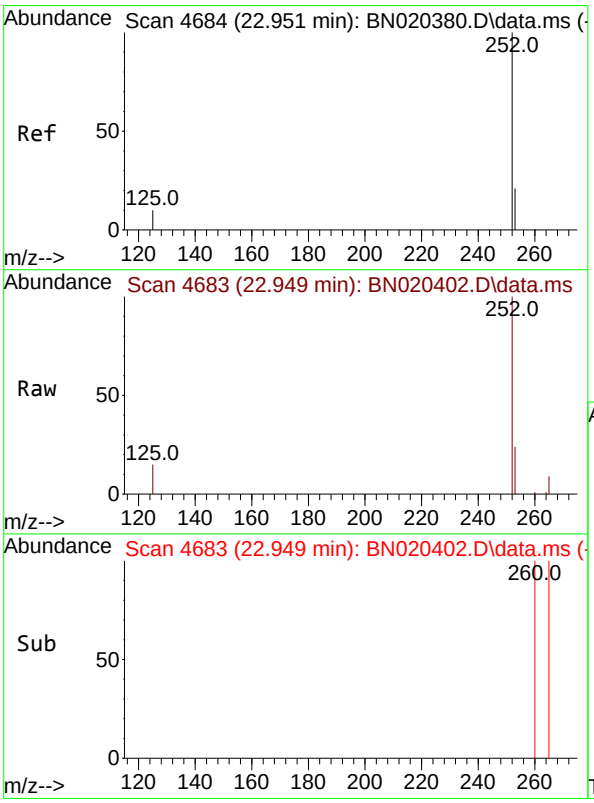
#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.905 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 17709

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	48.6
125	16.4	0.0	34.0

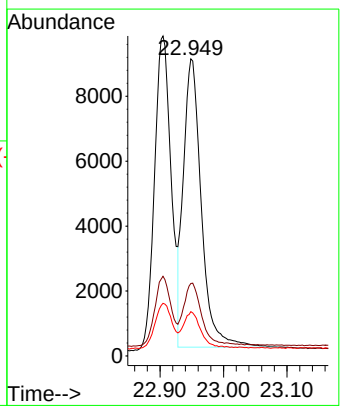


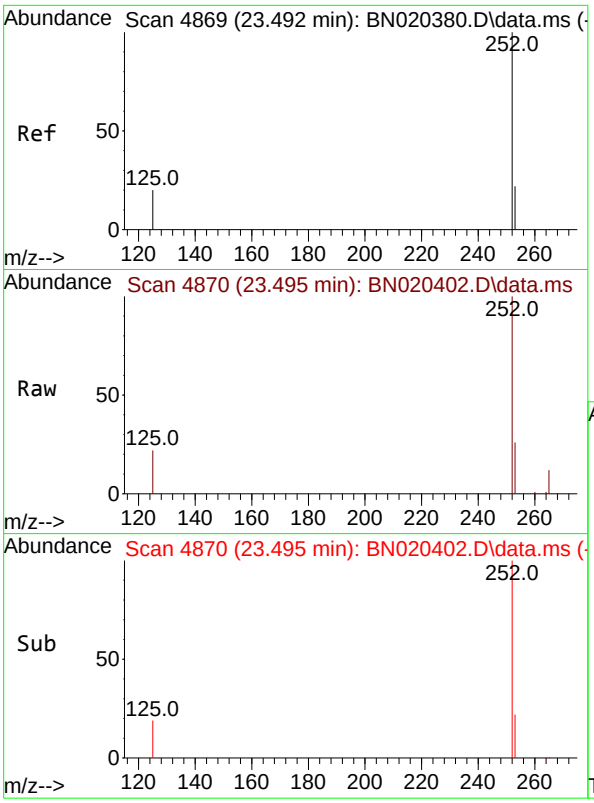


#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 22.949 min Scan# 4683
Delta R.T. -0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:252 Resp: 17482

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.7	29.5
125	14.9	12.0	18.0



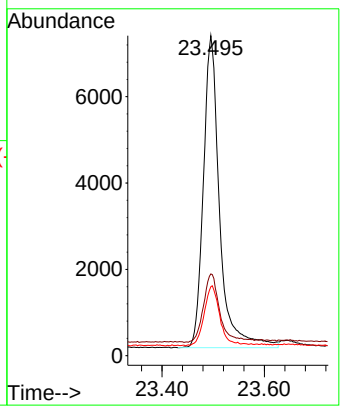


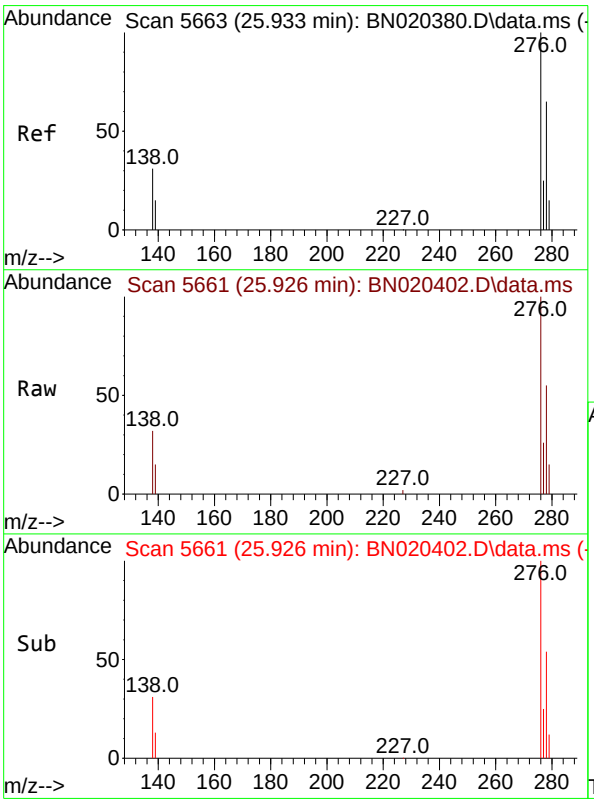
#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.495 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 15947

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.0	31.4
125	21.5	18.8	28.2

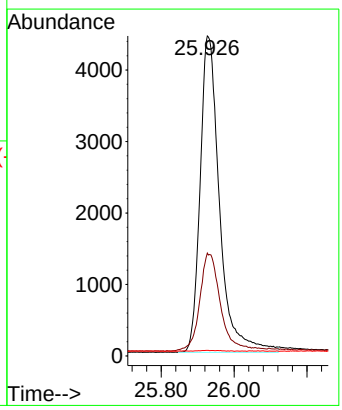


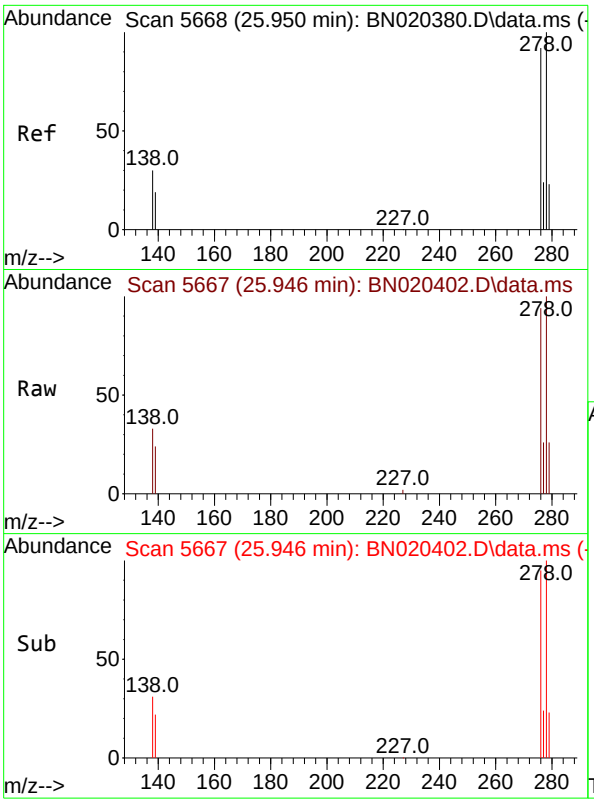


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.926 min Scan# 5661
Delta R.T. -0.007 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:276 Resp: 16388

Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.4	41.2
227	0.2	0.2	0.2



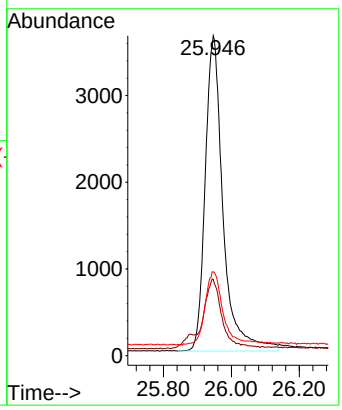


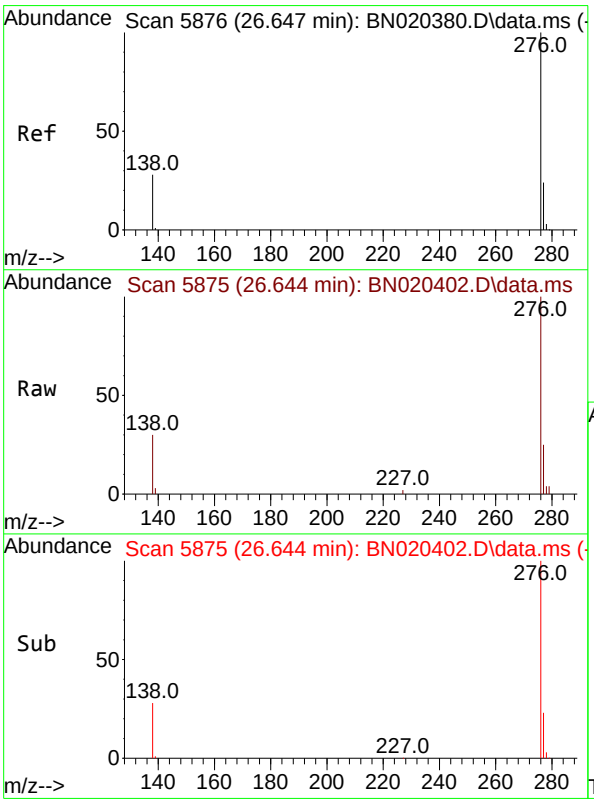
#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 25.946 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 13241

Ion	Ratio	Lower	Upper
278	100		
139	23.8	18.8	28.2
279	26.2	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 26.644 min Scan# 5875
Delta R.T. -0.003 min
Lab File: BN020402.D
Acq: 24 Jun 2022 17:51

Tgt Ion:276 Resp: 13988

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.5	35.3
277	24.8	20.1	30.1