Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
Data File : BN020707.D
Acq On : 11 Jul 2022 17:52
Operator : CG/JU
Sample : PB146133BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS133

Quant Time: Jul 12 01:42:59 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 : Sat Jul 02 00:47:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	13191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	6961	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	13179	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	8843	0.400	ng/ul	0.00
23) Perylene-d12	23.786	264	6150	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	3358	0.703	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	6922	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	12488	0.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	8976	1.839	ng/ul#	79
5) Naphthalene	10.672	128	14021	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	8248	0.303	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	8824	0.341	ng/ul	100
10) Acenaphthylene	14.196	152	11003	0.334	ng/ul	99
11) Acenaphthene	14.539	153	9025	0.342	ng/ul	99
12) Fluorene	15.529	166	9787	0.313	ng/ul	97
14) Pentachlorophenol	16.896	266	1164	0.438	ng/ul	98
15) Phenanthrene	17.268	178	15958	0.348	ng/ul	100
16) Anthracene	17.365	178	12285	0.311	ng/ul	99
19) Fluoranthene	19.295	202	16911	0.419	ng/ul	98
20) Pyrene	19.657	202	17099	0.408	ng/ul	97
21) Benzo(a)anthracene	21.419	228	10537	0.332	ng/ul	100
22) Chrysene	21.471	228	13747	0.389	ng/ul	99
24) Benzo(b)fluoranthene	23.073	252	11327	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.120	252	11932	0.415	ng/ul	99
26) Benzo(a)pyrene	23.684	252	9650	0.373	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.223	276	10608	0.412	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.243	278	8372	0.403	ng/ul	98
29) Benzo(g,h,i)perylene	26.968	276	9789	0.443	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071122\
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Acq On : 11 Jul 2022 17:52
Operator : CG/JU
Sample : PB146133BS
Misc :
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Instrument :
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Quant Time: Jul 12 01:42:59 2022
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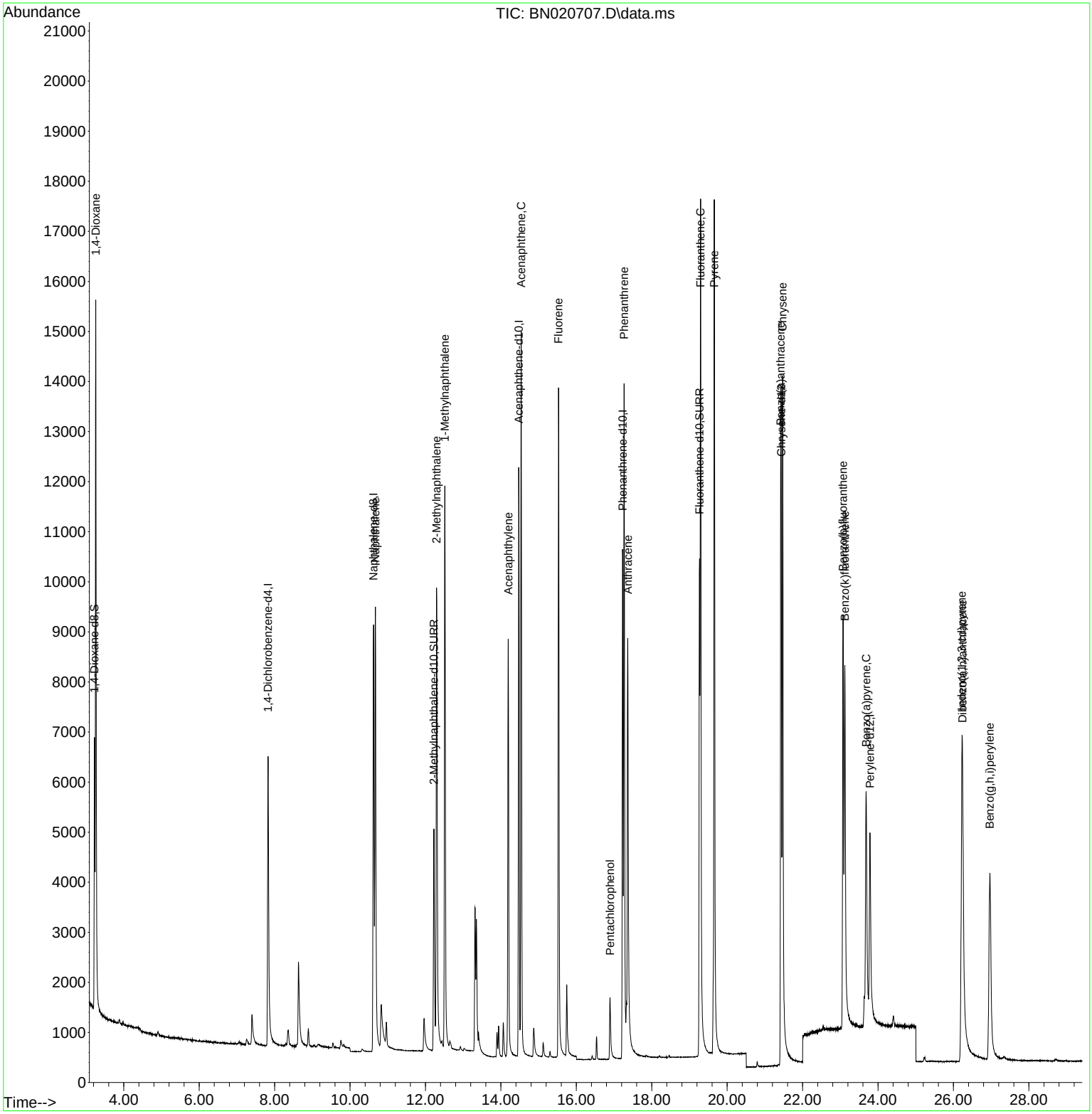
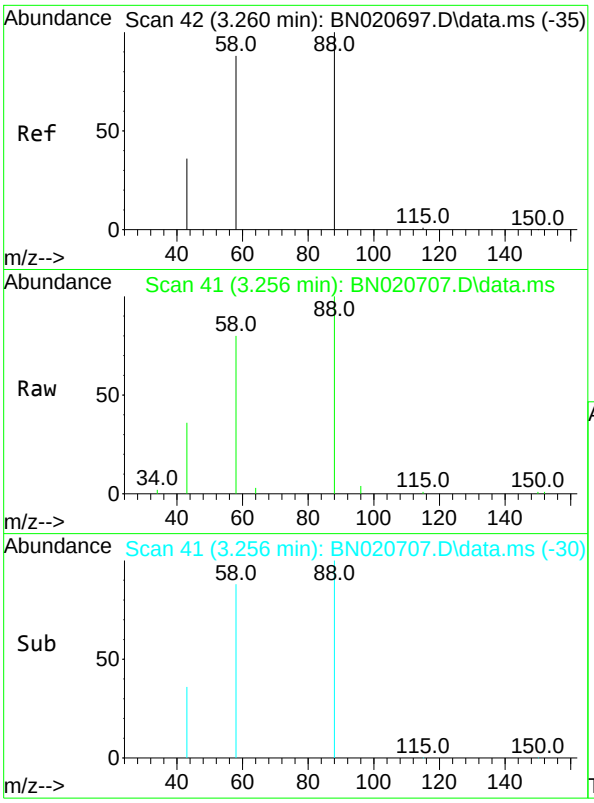
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 00:47:40 2022
Response via : Initial Calibration



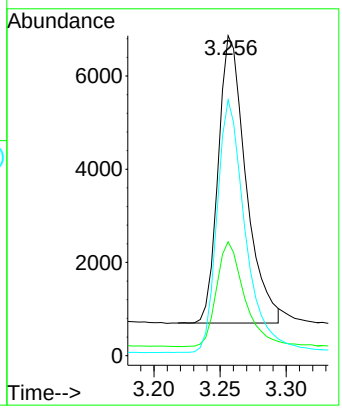


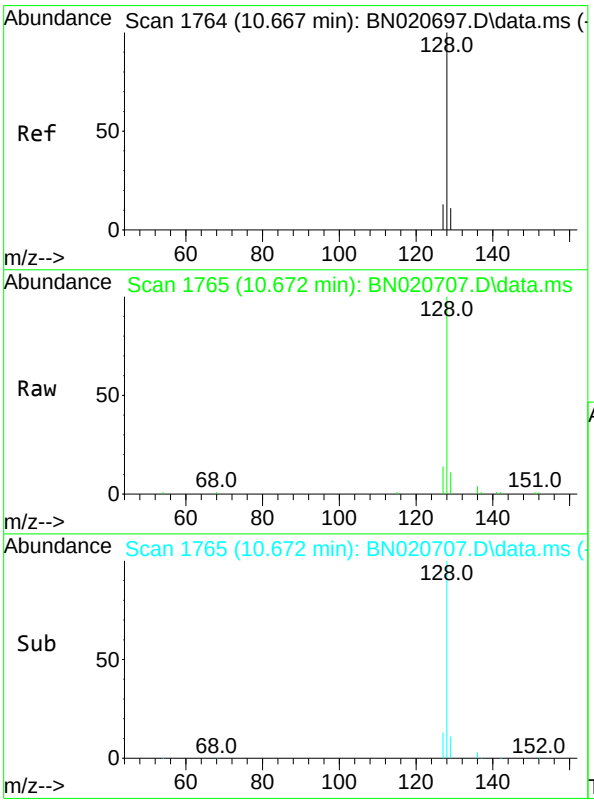
#2
1,4-Dioxane
Concen: 1.839 ng/ul
RT: 3.256 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion: 88 Resp: 8976

Ion	Ratio	Lower	Upper
88	100		
43	35.6	32.5	48.7
58	80.0	46.2	69.2#

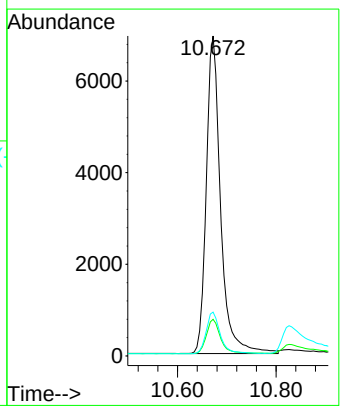


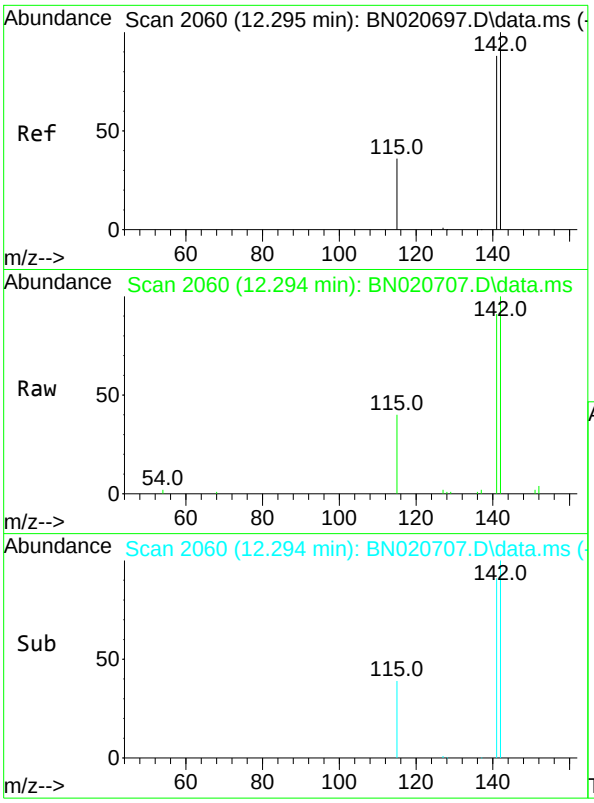


#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:128 Resp: 14021

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.7	11.3	16.9



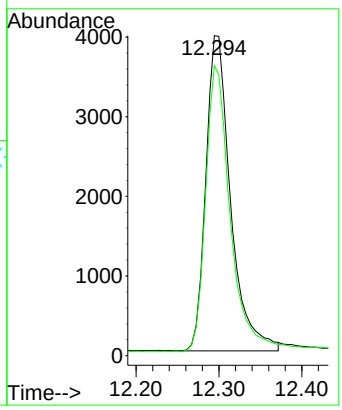


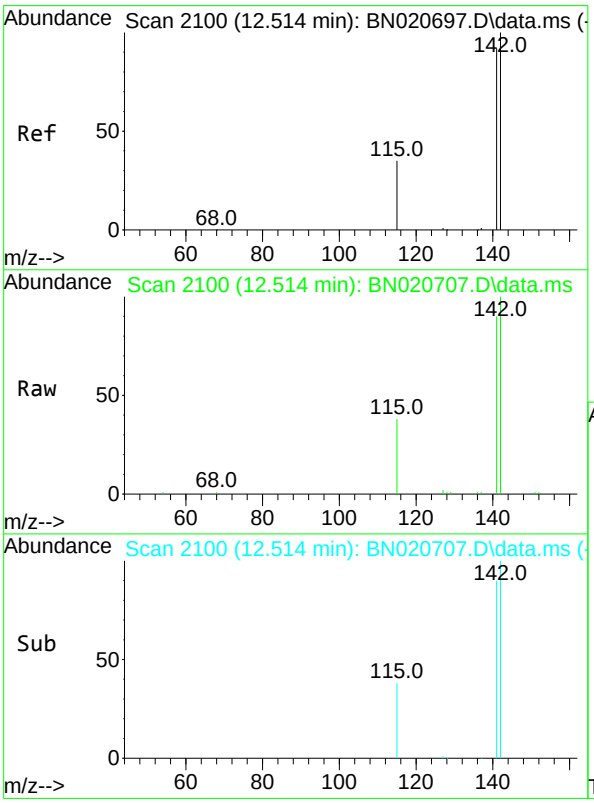
#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.294 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:142 Resp: 8248

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.1	108.1

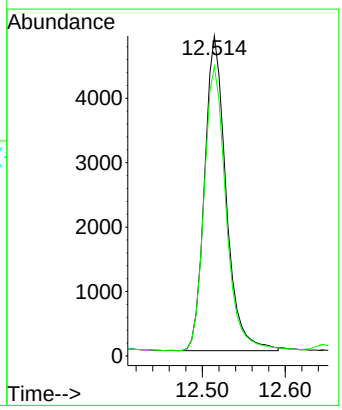


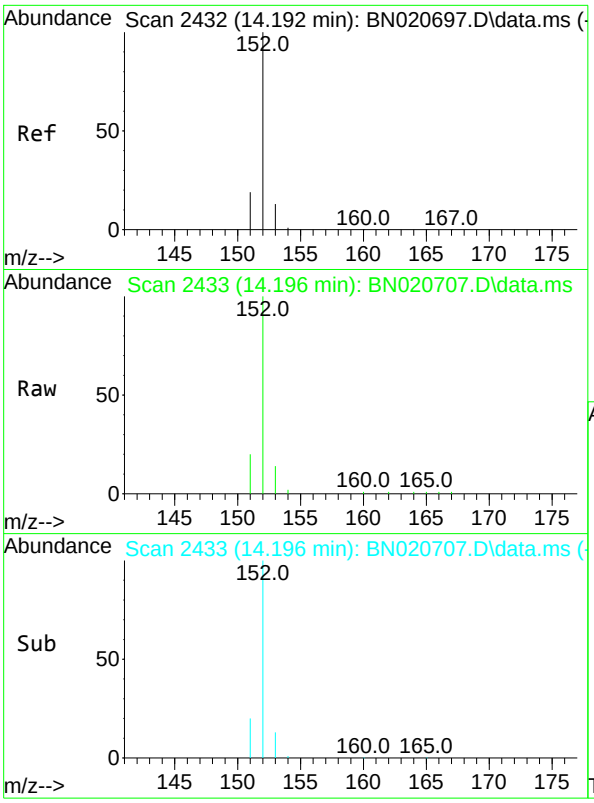


#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:142 Resp: 8824

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.7	110.5



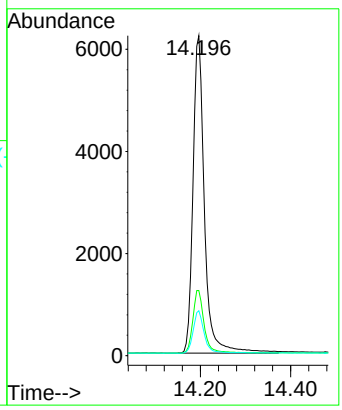


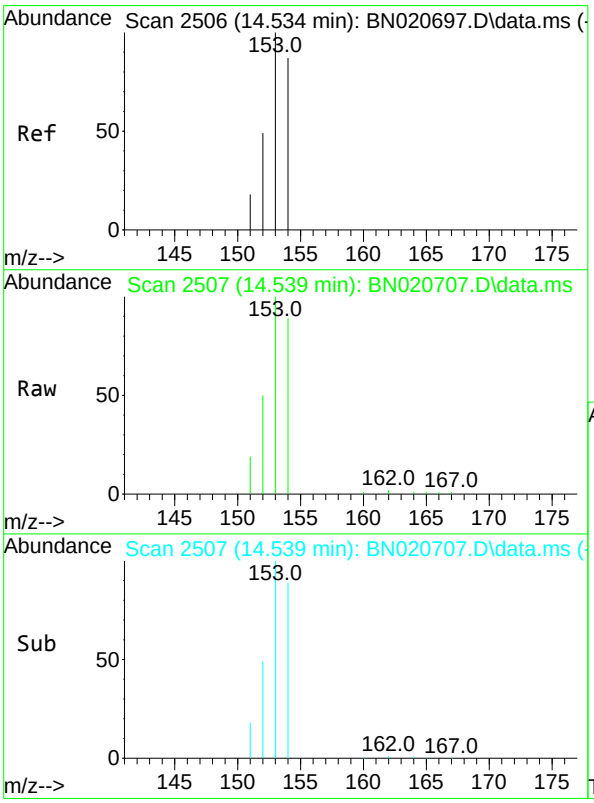
#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.196 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:152 Resp: 11003

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	14.1	11.1	16.7

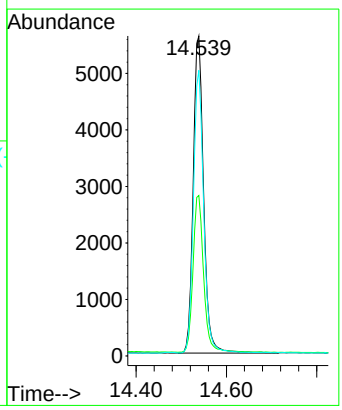


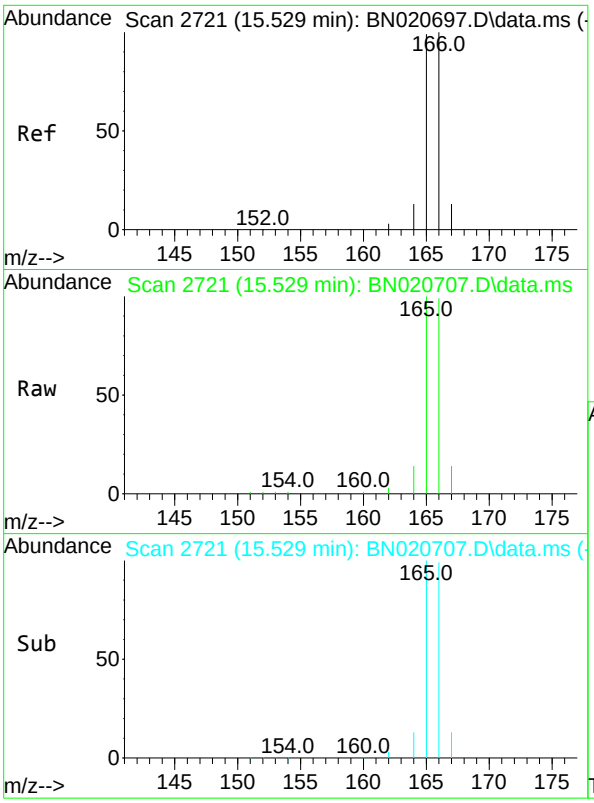


#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:153 Resp: 9025

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.0	60.0
154	89.2	70.0	105.0



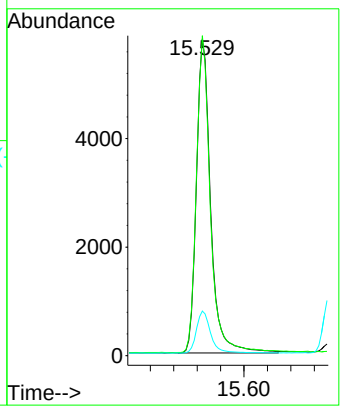


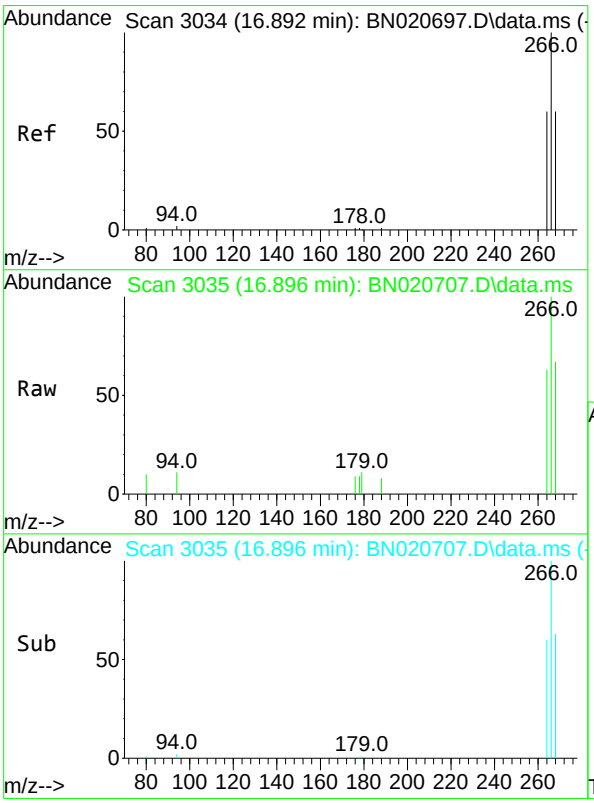
#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.529 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:166 Resp: 9787

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.2	117.2
167	14.1	11.3	16.9

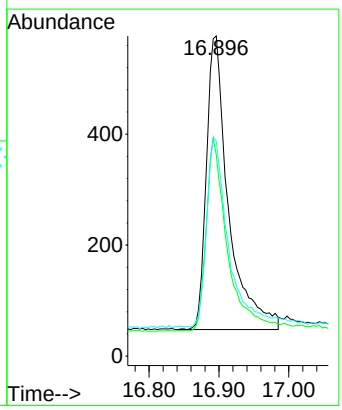


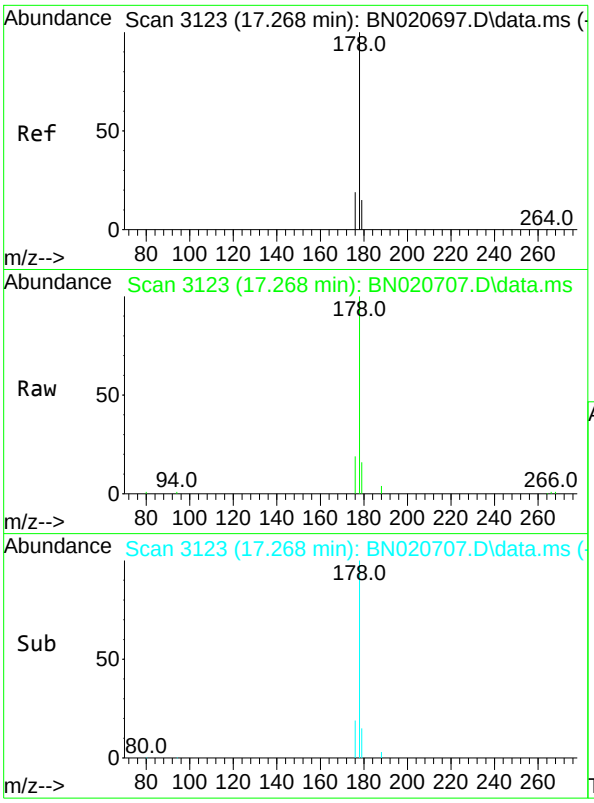


#14
Pentachlorophenol
Concen: 0.438 ng/ul
RT: 16.896 min Scan# 3035
Delta R.T. -0.009 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:266 Resp: 1164

Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.6	77.4
268	63.5	51.5	77.3



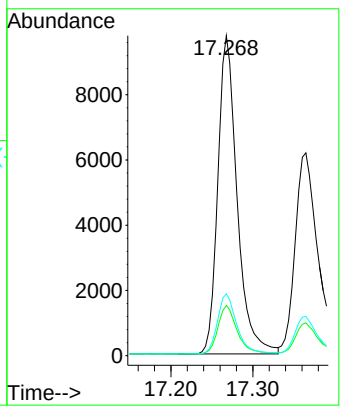


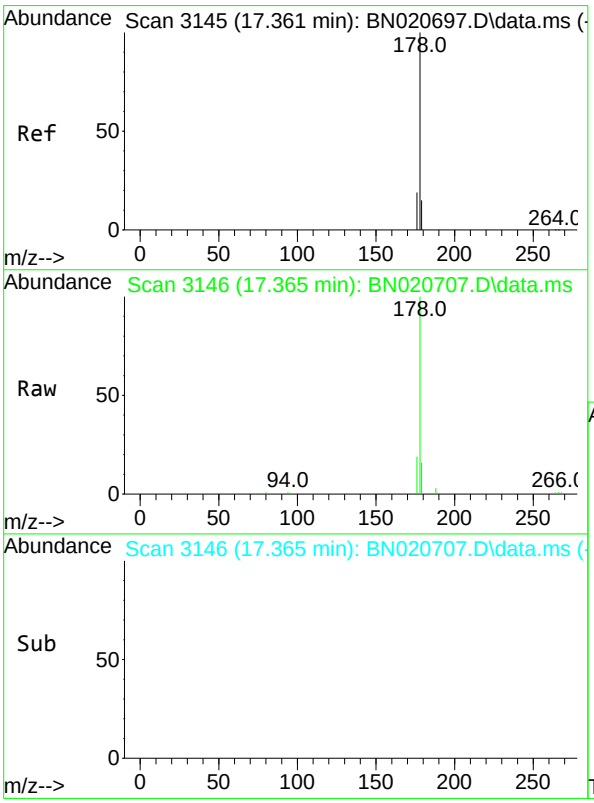
#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.268 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:178 Resp: 15958

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	19.3	15.8	23.6

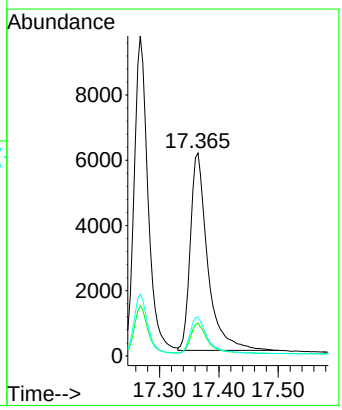


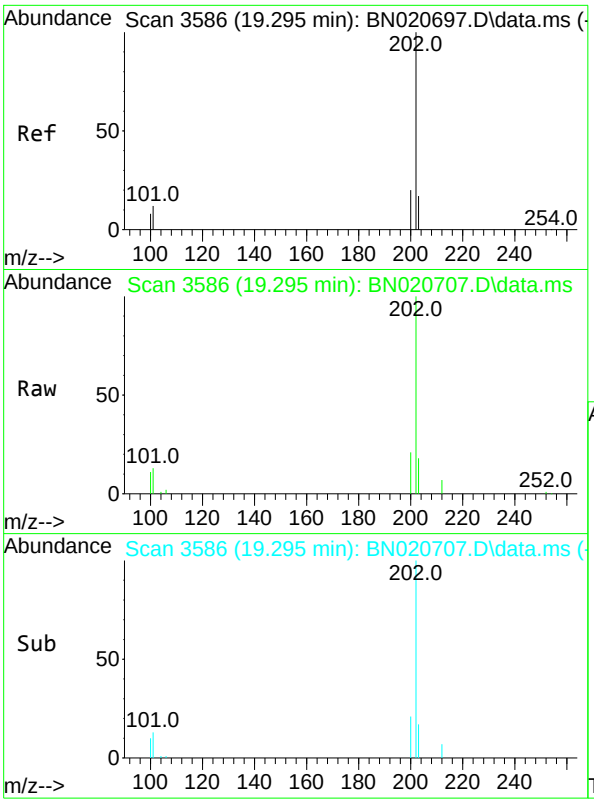


#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:178 Resp: 12285

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.3	15.2	22.8



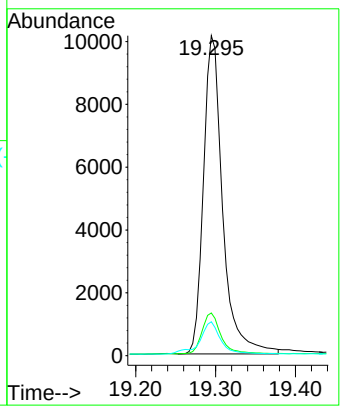


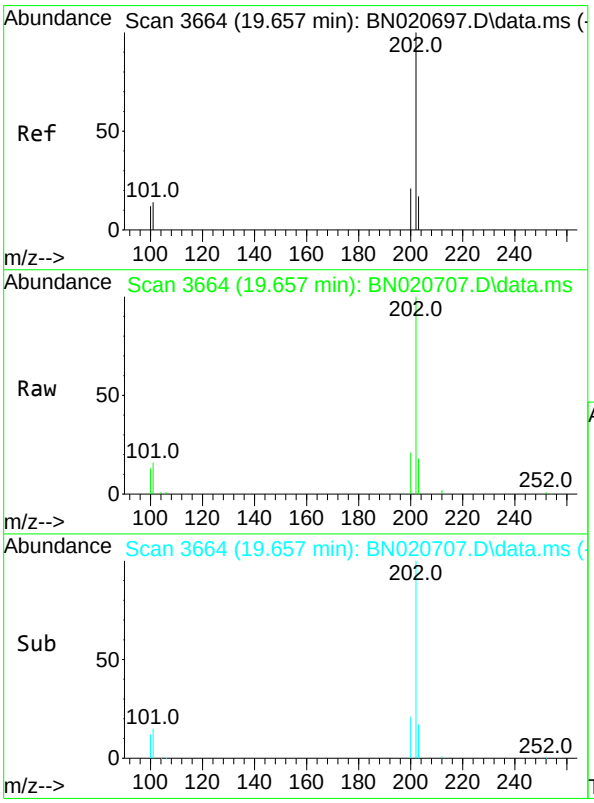
#19
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.295 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:202 Resp: 16911

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.3	15.5
100	10.6	7.8	11.6

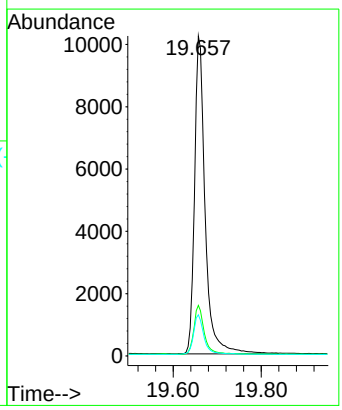


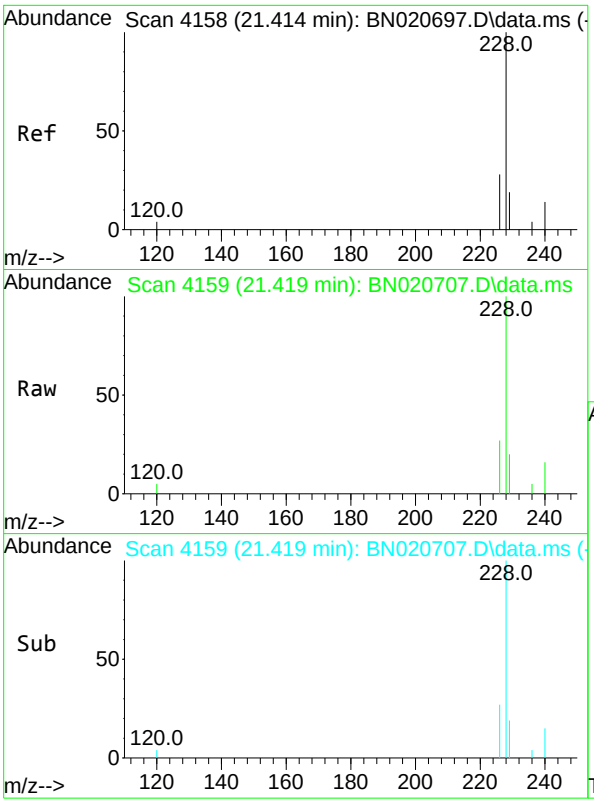


#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:202 Resp: 17099

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



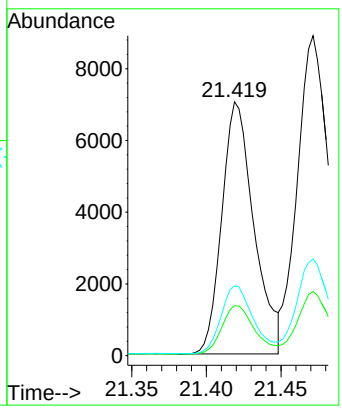


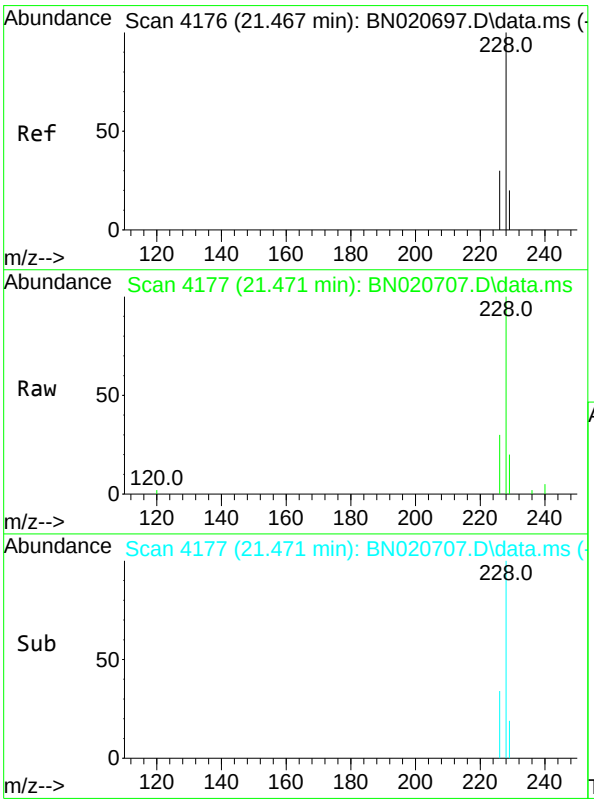
#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.419 min Scan# 41
Delta R.T. -0.010 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:228 Resp: 10537

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	27.5	22.2	33.2

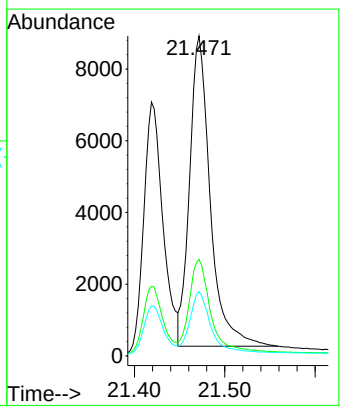


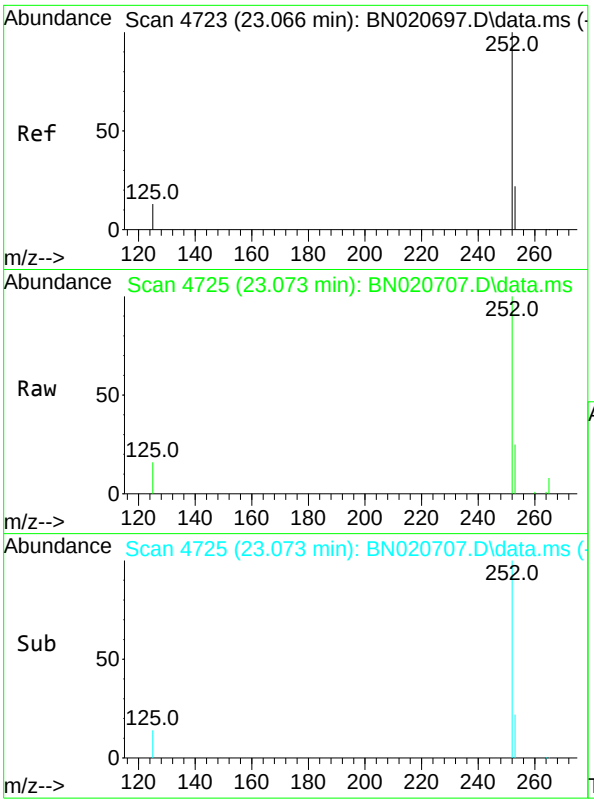


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.007 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:228 Resp: 13747

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.1	15.8	23.8



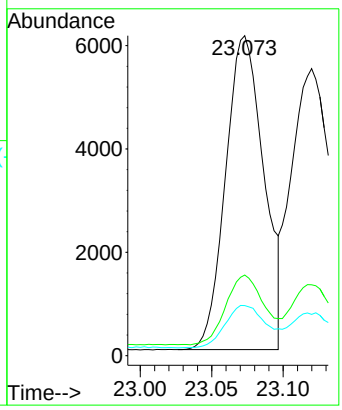


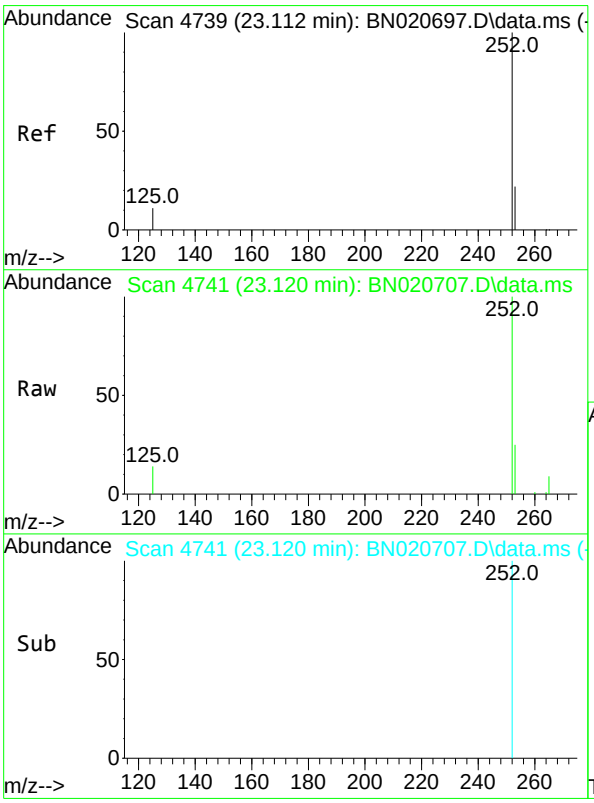
#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.073 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:252 Resp: 11327

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	48.6
125	15.6	0.0	34.0

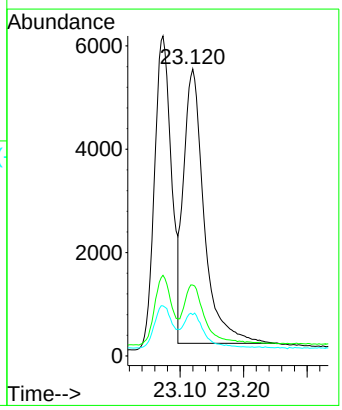


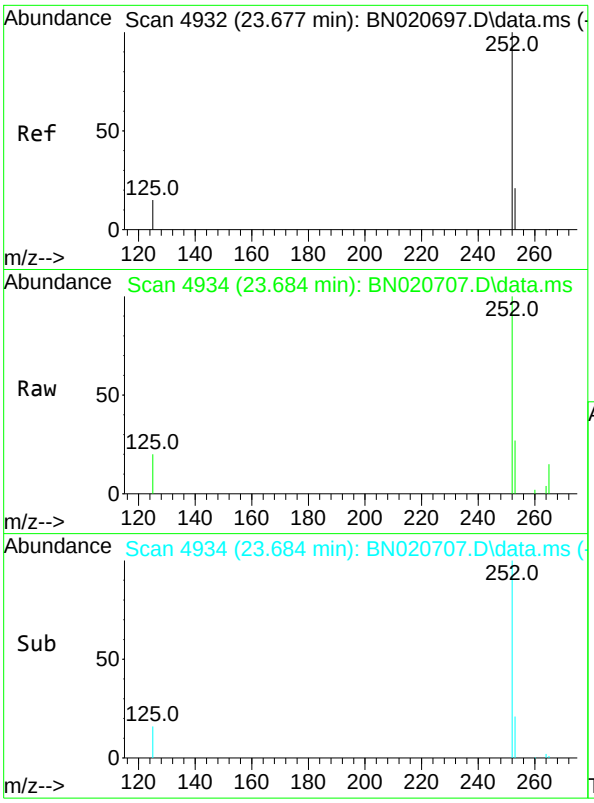


#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.120 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:252 Resp: 11932

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.7	29.5
125	14.4	12.0	18.0



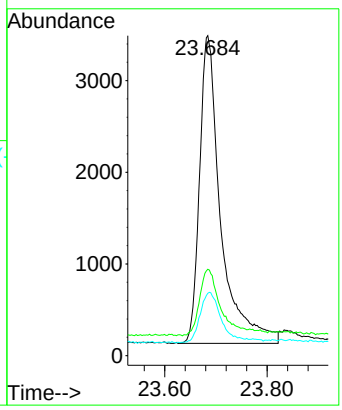


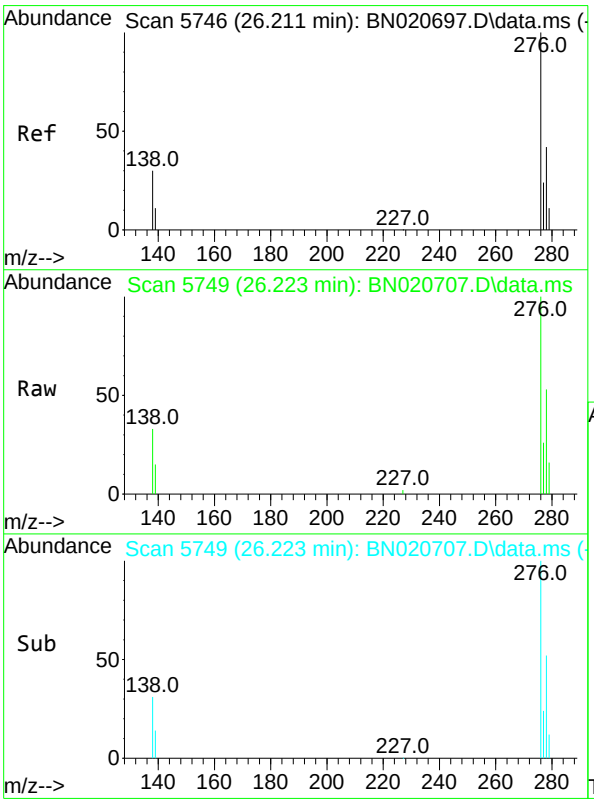
#26
Benzo(a)pyrene
Concen: 0.373 ng/ul
RT: 23.684 min Scan# 4
Delta R.T. -0.013 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:252 Resp: 9650

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.0	31.4
125	19.5	18.8	28.2

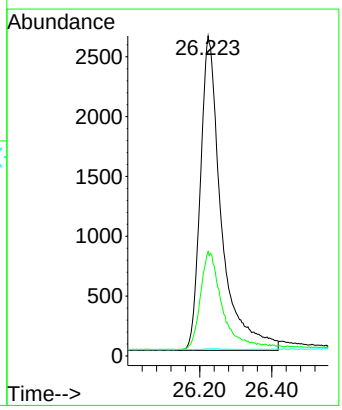


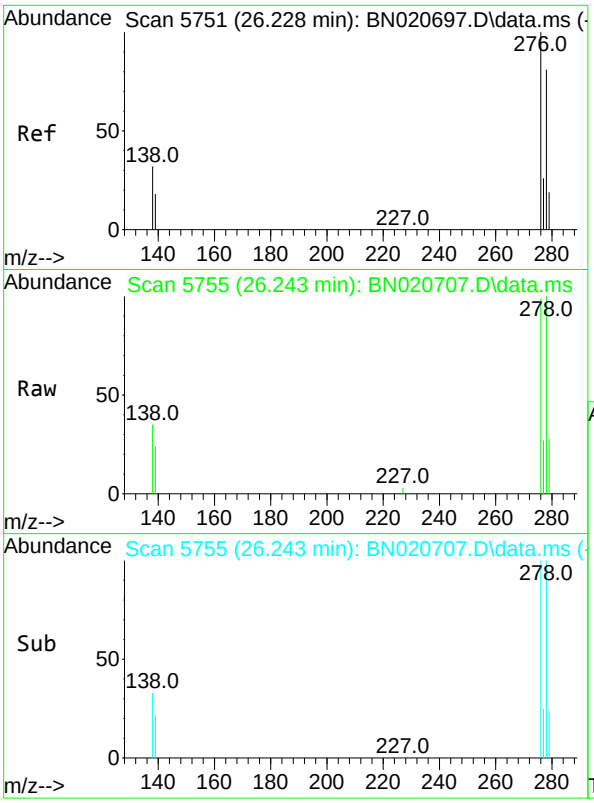


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng/ul
RT: 26.223 min Scan# 5749
Delta R.T. -0.022 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:276 Resp: 10608

Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.4	41.2
227	0.1	0.2	0.2#



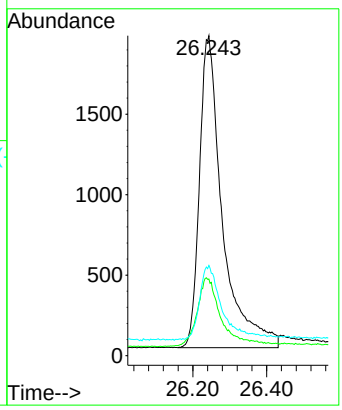


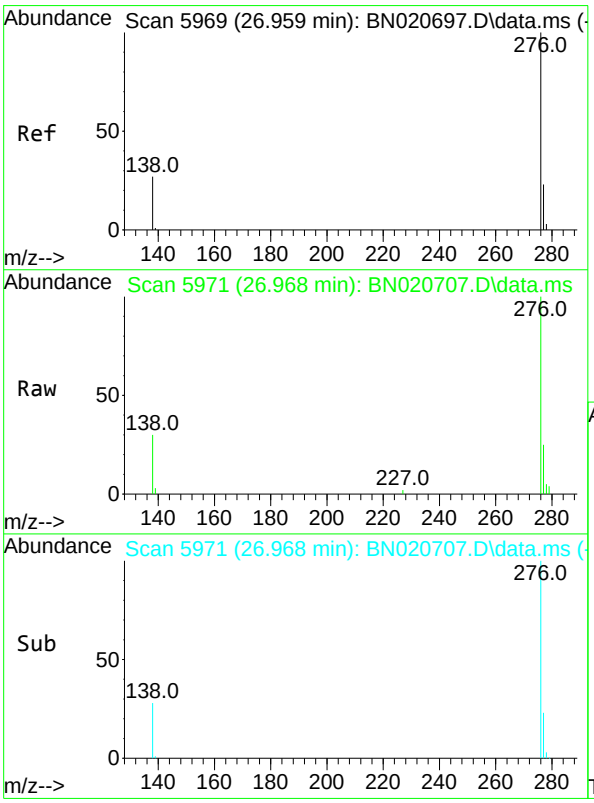
#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.243 min Scan# 5
Delta R.T. -0.019 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Instrument :
BNA_N
ClientSampleId :
SLCS133

Tgt Ion:278 Resp: 8372

Ion	Ratio	Lower	Upper
278	100		
139	23.9	18.8	28.2
279	28.2	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 26.968 min Scan# 5971
Delta R.T. -0.022 min
Lab File: BN020707.D
Acq: 11 Jul 2022 17:52

Tgt Ion:276 Resp: 9789

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.5	35.3
277	25.2	20.1	30.1