Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
Data File : BN017270.D
Acq On : 03 Nov 2021 11:34
Operator : CG/JU
Sample : PB140310BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS310

Quant Time: Nov 03 12:03:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.515	152	4124	0.400	ng/ul	0.00
4) Naphthalene-d8	10.289	136	16206	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.171	164	9627	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.928	188	21005	0.400	ng/ul	0.00
17) Chrysene-d12	21.139	240	20439	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	18665	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3290	0.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	8991	0.380	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	22090	0.412	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.072	88	8867	1.800	ng/ul#	78
5) Naphthalene	10.339	128	16895	0.376	ng/ul	100
7) 2-Methylnaphthalene	11.967	142	11318	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.187	142	11246	0.354	ng/ul	100
10) Acenaphthylene	13.884	152	14363	0.377	ng/ul	100
11) Acenaphthene	14.231	153	12998	0.389	ng/ul	99
12) Fluorene	15.230	166	14582	0.374	ng/ul	98
14) Pentachlorophenol	16.586	266	2233	0.472	ng/ul	99
15) Phenanthrene	16.966	178	25453	0.382	ng/ul	99
16) Anthracene	17.059	178	20690	0.374	ng/ul	100
19) Fluoranthene	18.995	202	29091	0.398	ng/ul	100
20) Pyrene	19.362	202	29794	0.397	ng/ul	99
21) Benzo(a)anthracene	21.121	228	23713	0.354	ng/ul	99
22) Chrysene	21.174	228	29835	0.393	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	28690	0.412	ng/ul	99
25) Benzo(k)fluoranthene	22.720	252	32622	0.414	ng/ul	97
26) Benzo(a)pyrene	23.237	252	24305	0.389	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.543	276	31251	0.353	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.563	278	24637	0.352	ng/ul	99
29) Benzo(g,h,i)perylene	26.214	276	26276	0.351	ng/ul	99

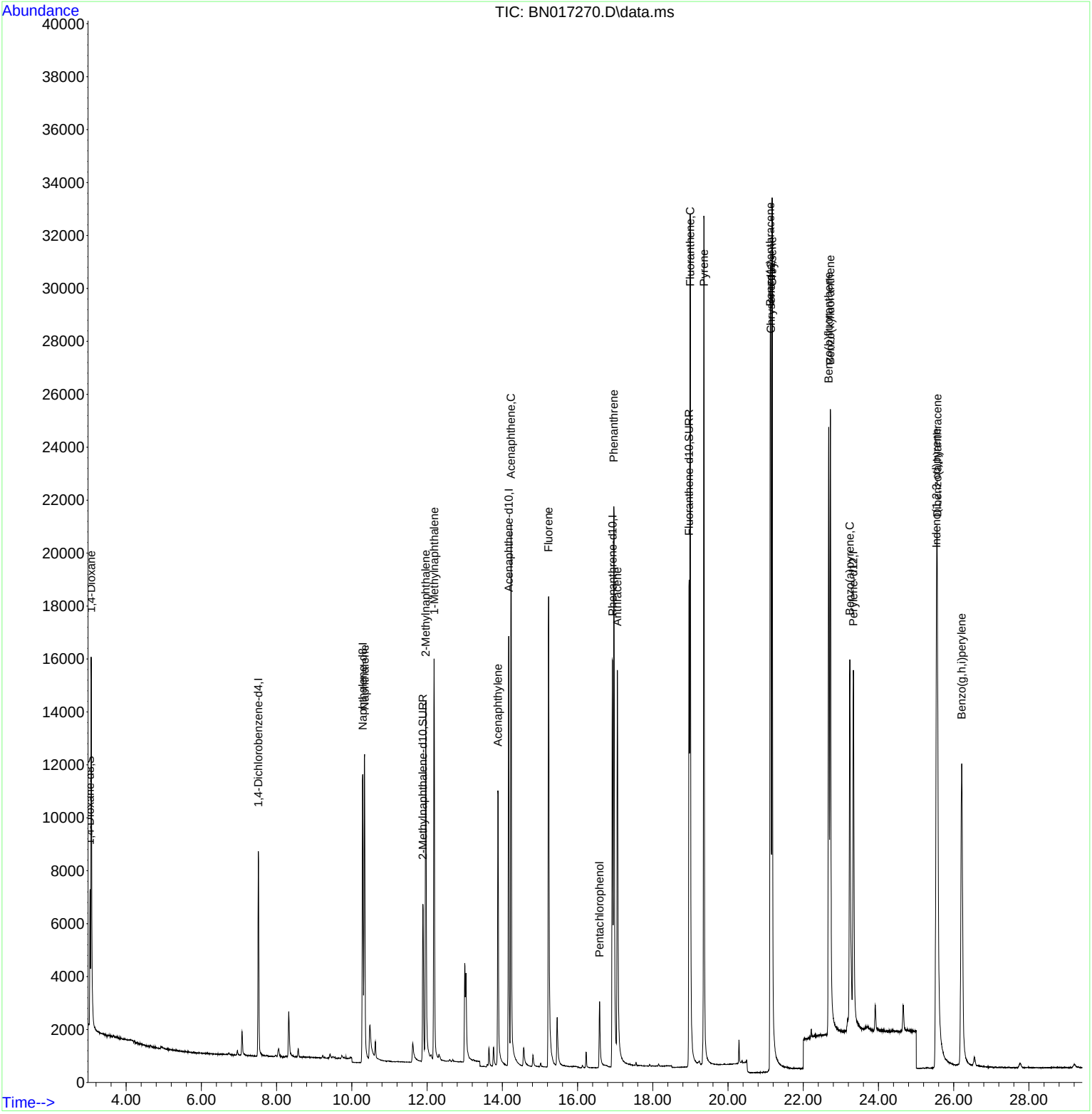
(#) = qualifier out of range (m) = manual integration (+) = signals summed

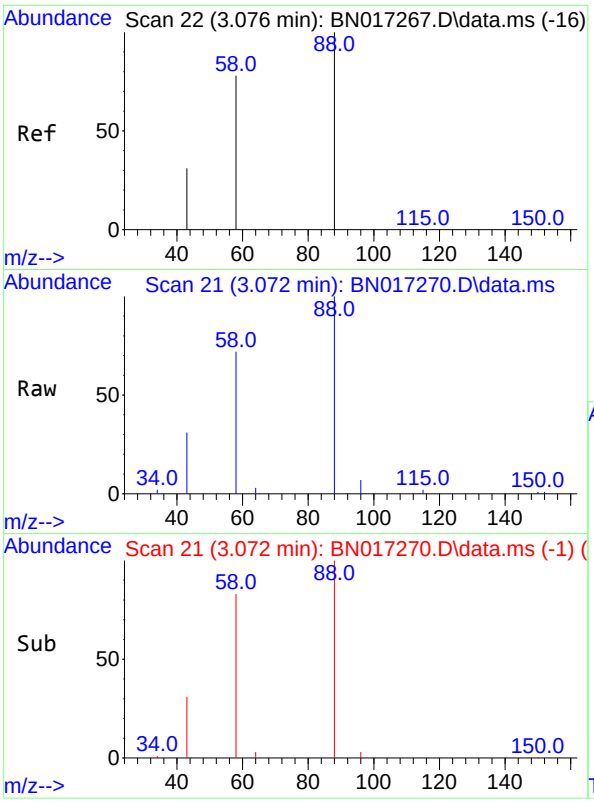
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
Data File : BN017270.D
Acq On : 03 Nov 2021 11:34
Operator : CG/JU
Sample : PB140310BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS310

Quant Time: Nov 03 12:03:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration



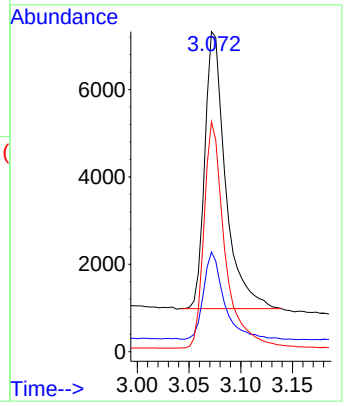


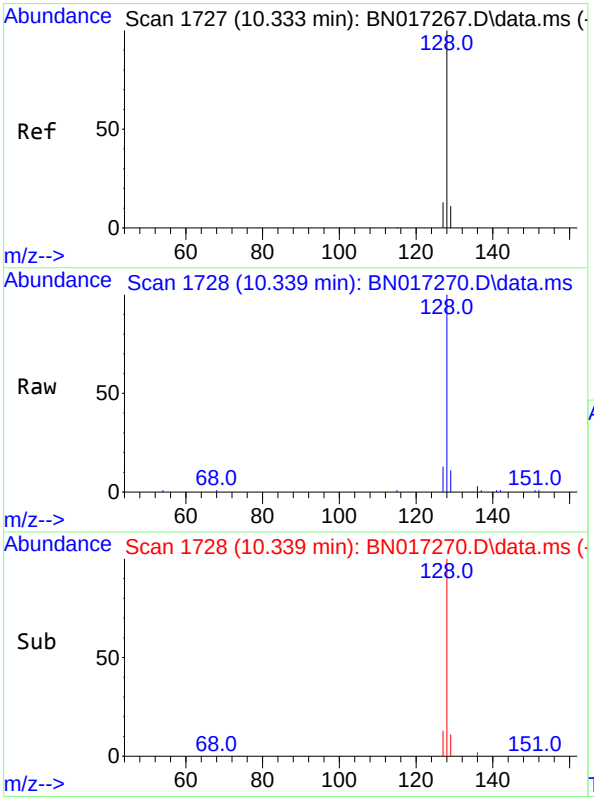
#2
1,4-Dioxane
Concen: 1.800 ng/ul
RT: 3.072 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion: 88 Resp: 8867

Ion	Ratio	Lower	Upper
88	100		
43	31.2	31.8	47.6#
58	71.8	41.9	62.9#

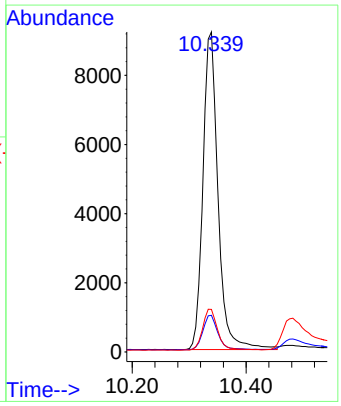


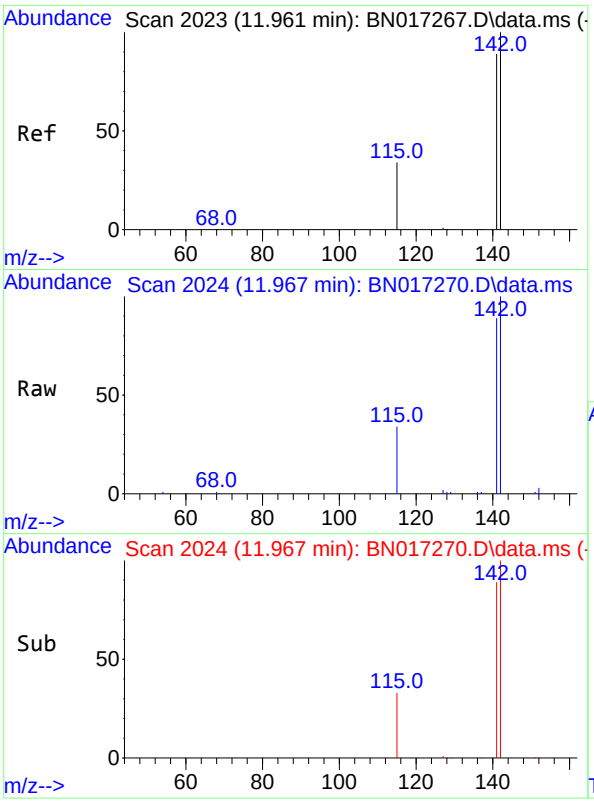


#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.339 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:128 Resp: 16895

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.3	10.8	16.2



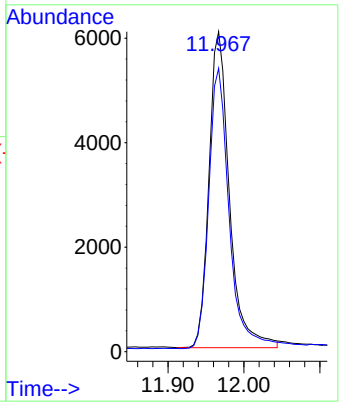


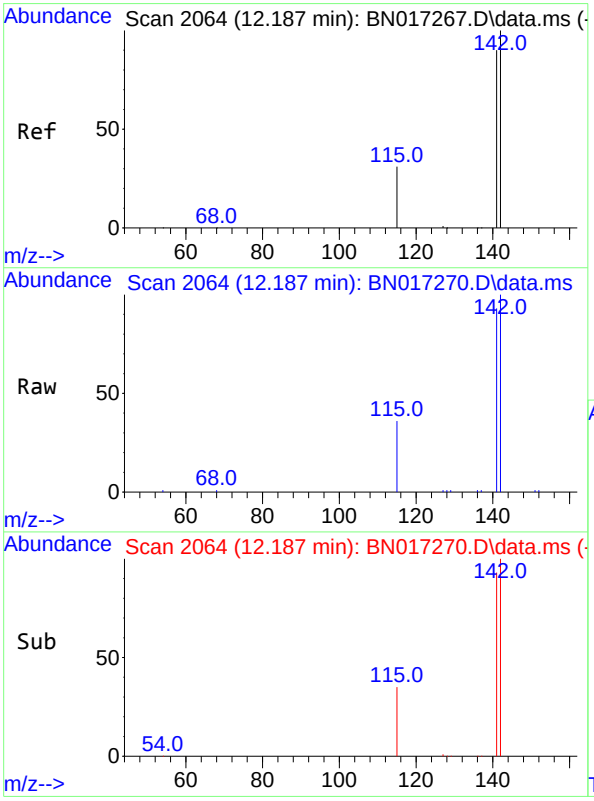
#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 11.967 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:142 Resp: 11318

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

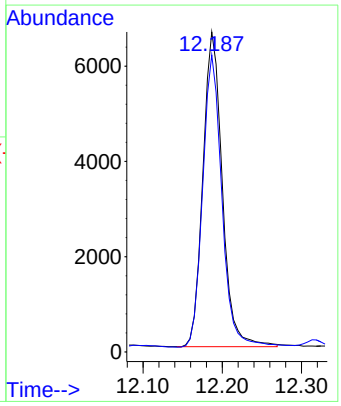


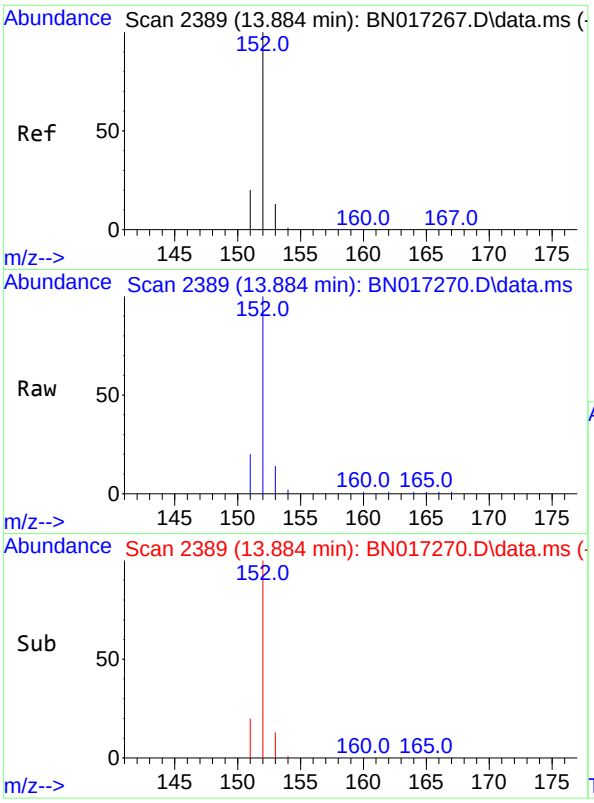


#8
1-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.187 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:142 Resp: 11246

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8



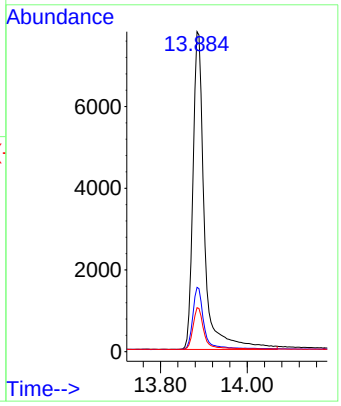


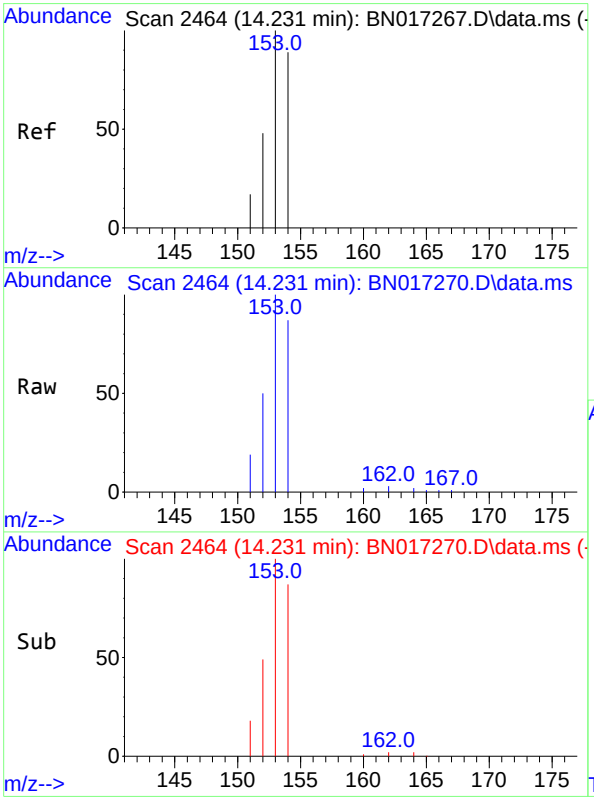
#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.884 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:152 Resp: 14363

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.7	10.8	16.2

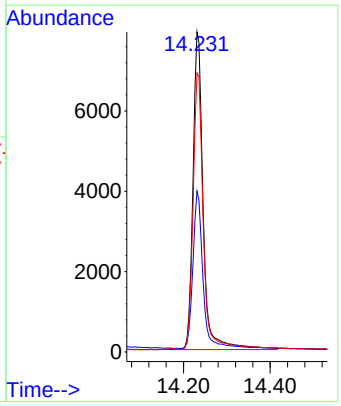


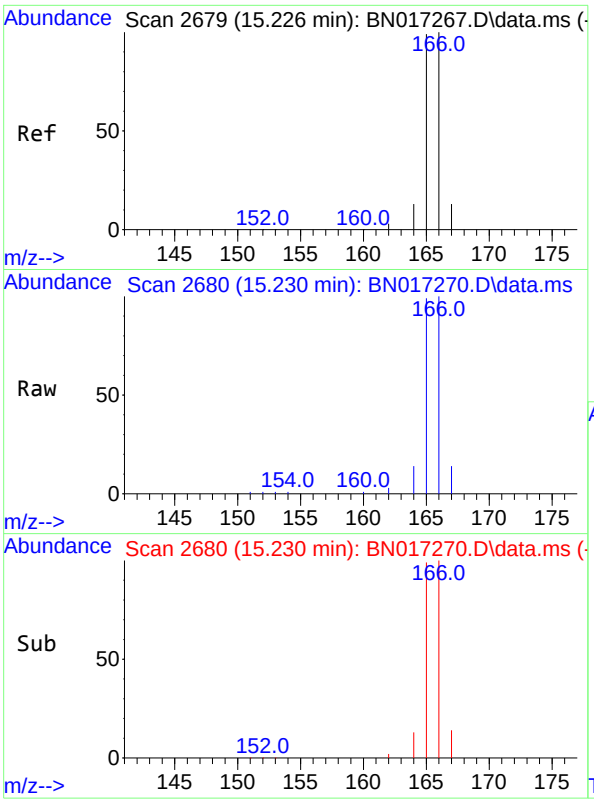


#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.231 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:153 Resp: 12998

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.5	59.3
154	87.2	70.0	105.0



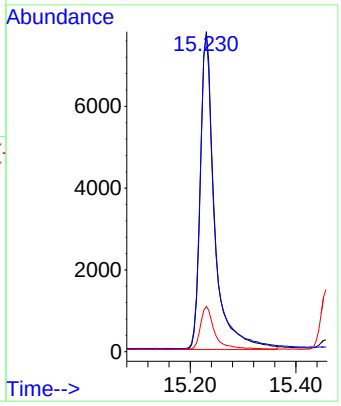


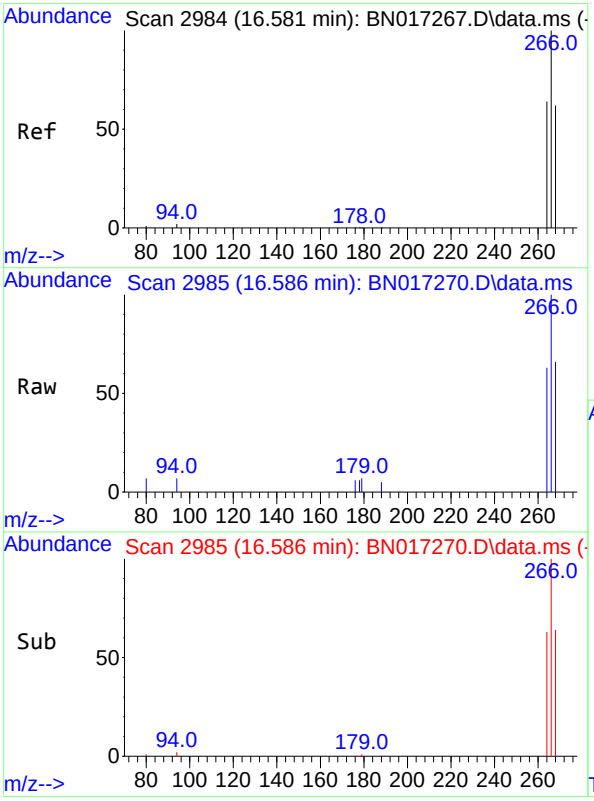
#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.230 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:166 Resp: 14582

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.7	116.5
167	14.2	11.1	16.7

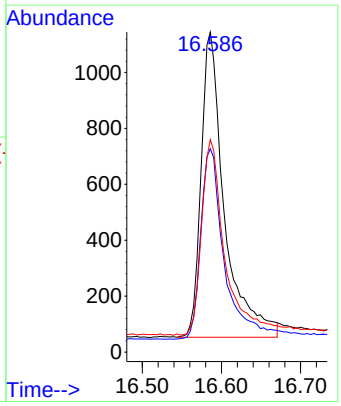


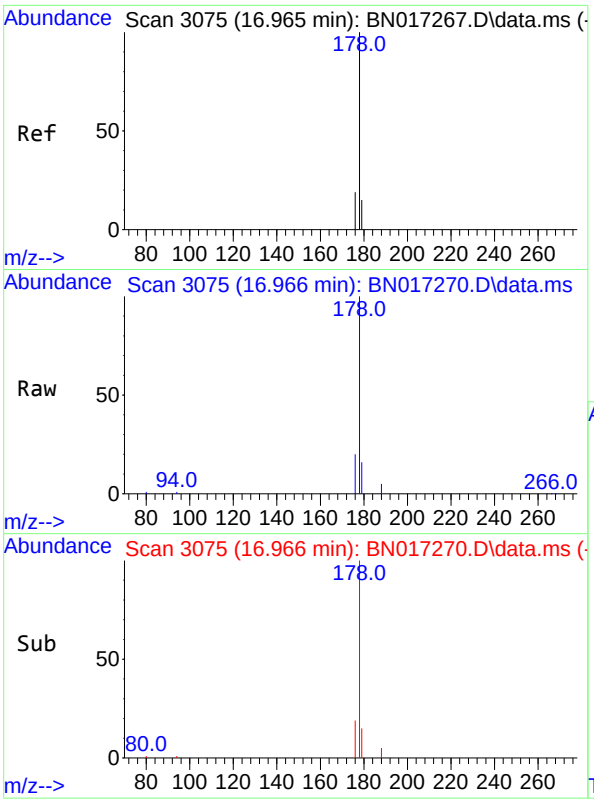


#14
Pentachlorophenol
Concen: 0.472 ng/ul
RT: 16.586 min Scan# 2985
Delta R.T. 0.005 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:266 Resp: 2233

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.9	74.9
268	64.0	51.2	76.8



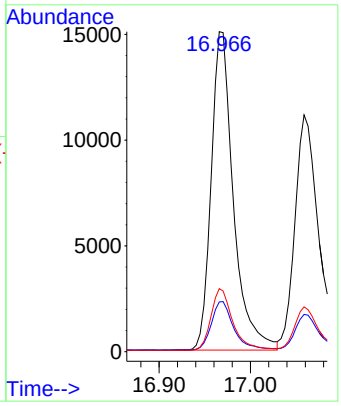


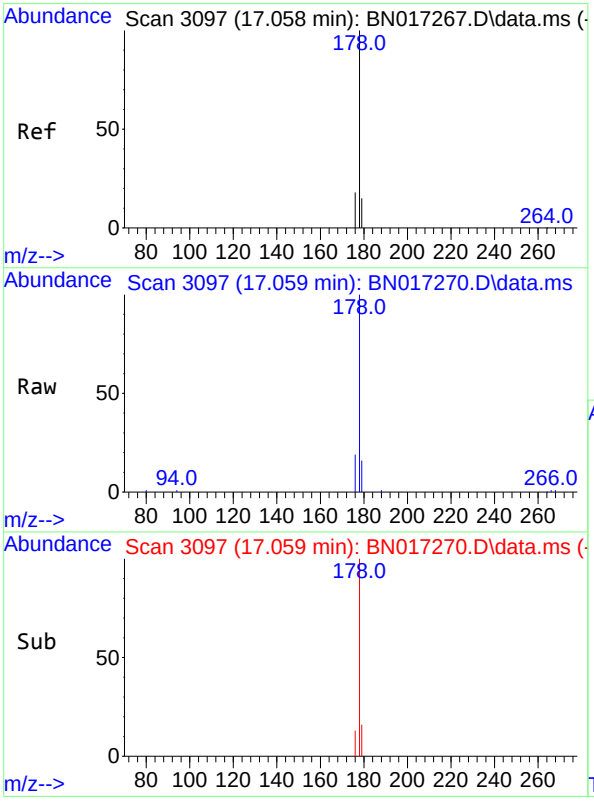
#15
Phenanthrene
Concen: 0.382 ng/ul
RT: 16.966 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:178 Resp: 25453

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.7	15.5	23.3

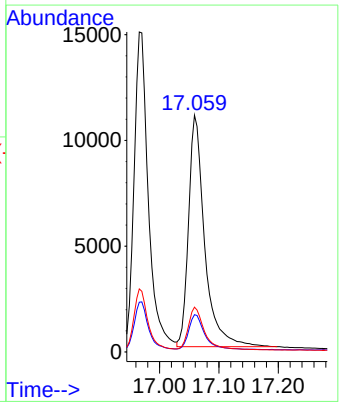


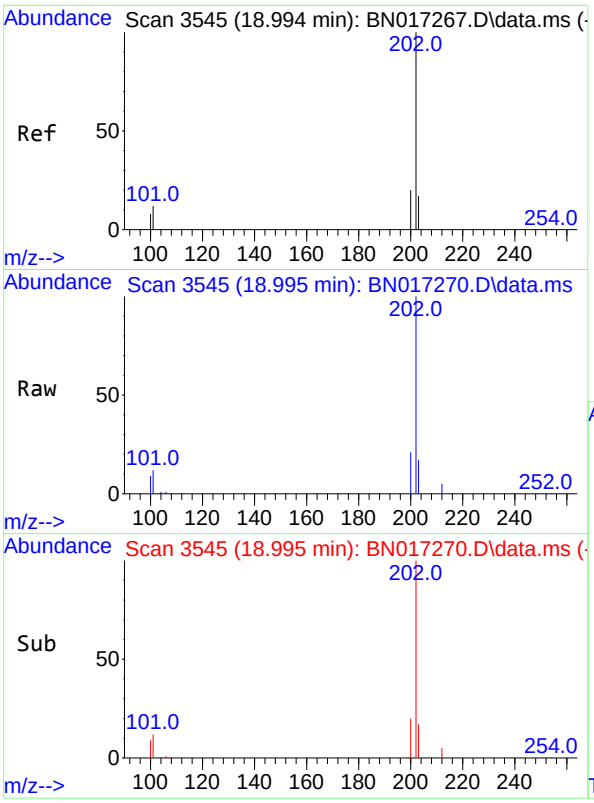


#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.059 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:178 Resp: 20690

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.9	15.2	22.8



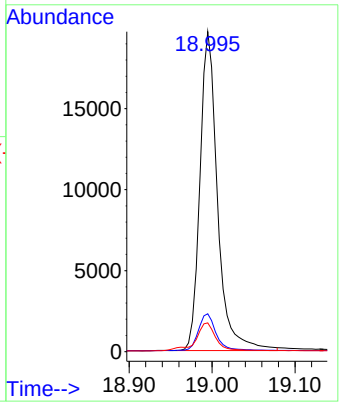


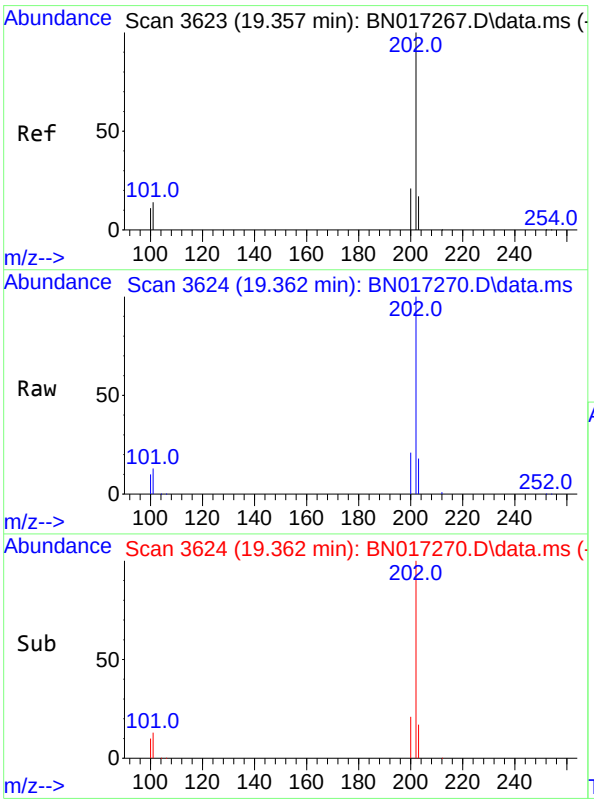
#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 18.995 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:202 Resp: 29091

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	9.0	7.2	10.8

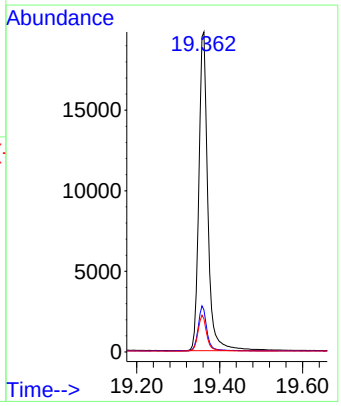


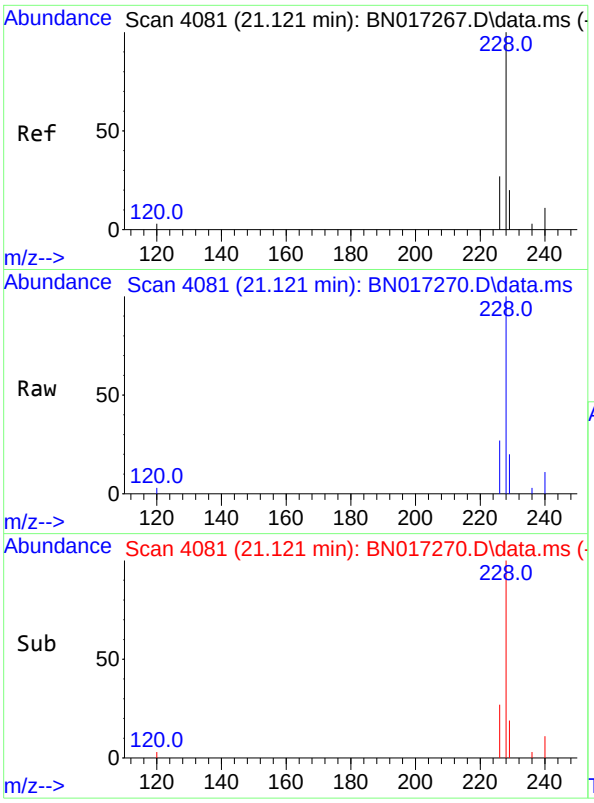


#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.362 min Scan# 3624
Delta R.T. 0.005 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:202 Resp: 29794

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.3	15.5
100	10.3	8.2	12.2



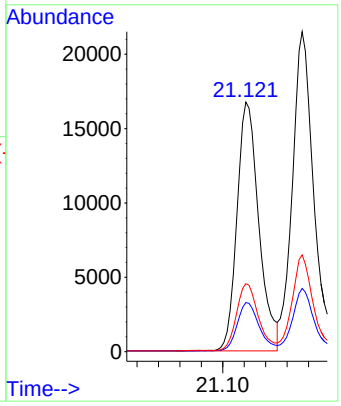


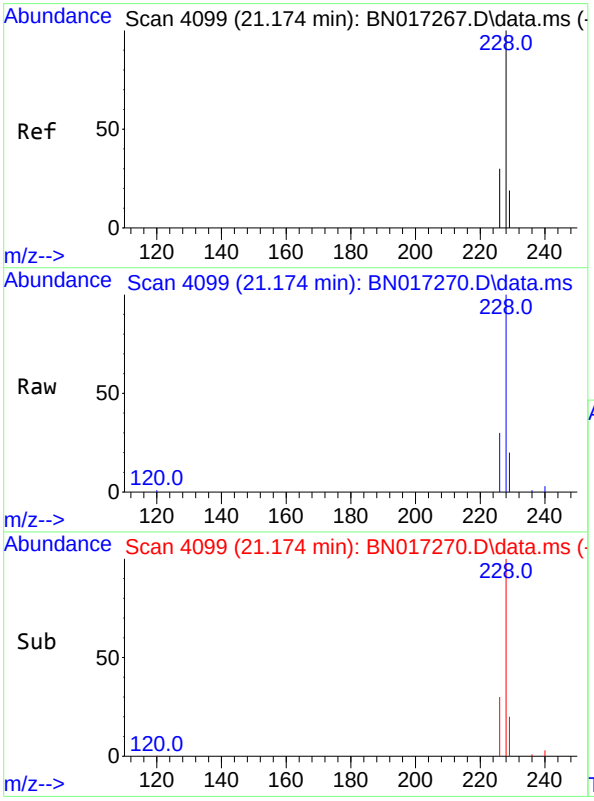
#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.121 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:228 Resp: 23713

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.1	24.1
226	27.3	21.7	32.5

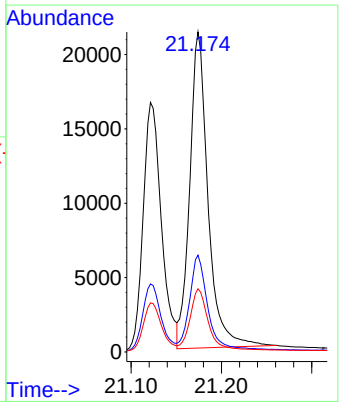


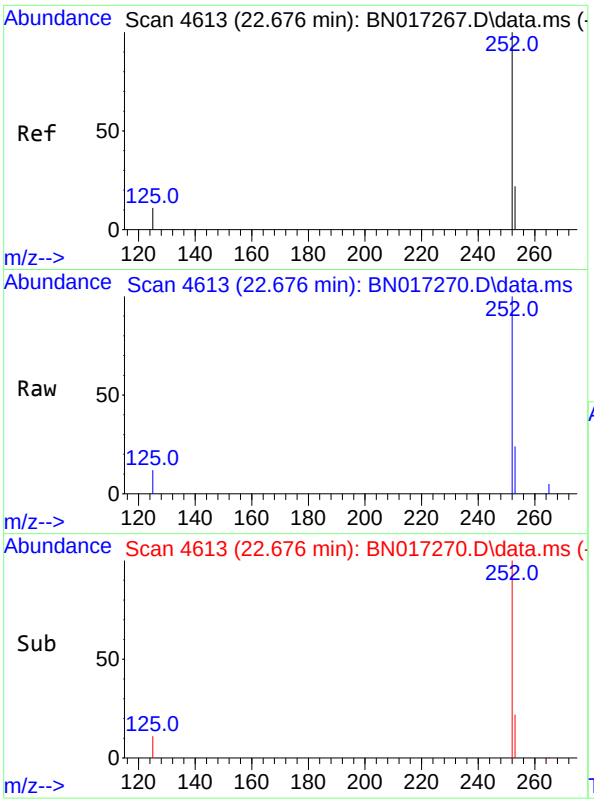


#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.174 min Scan# 4099
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:228 Resp: 29835

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.8	15.4	23.2



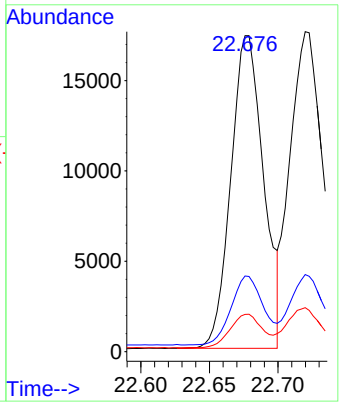


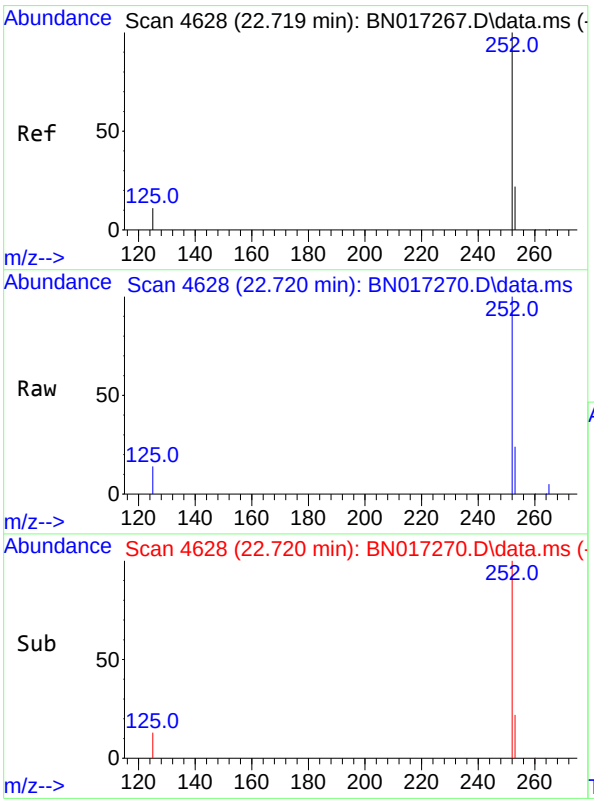
#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 22.676 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:252 Resp: 28690

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	46.8
125	11.8	0.0	23.8

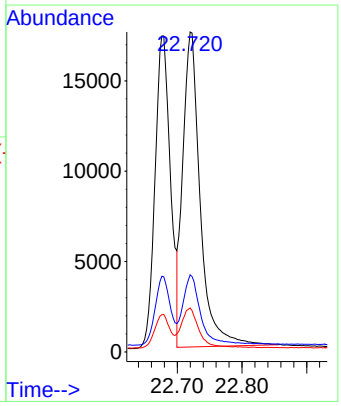


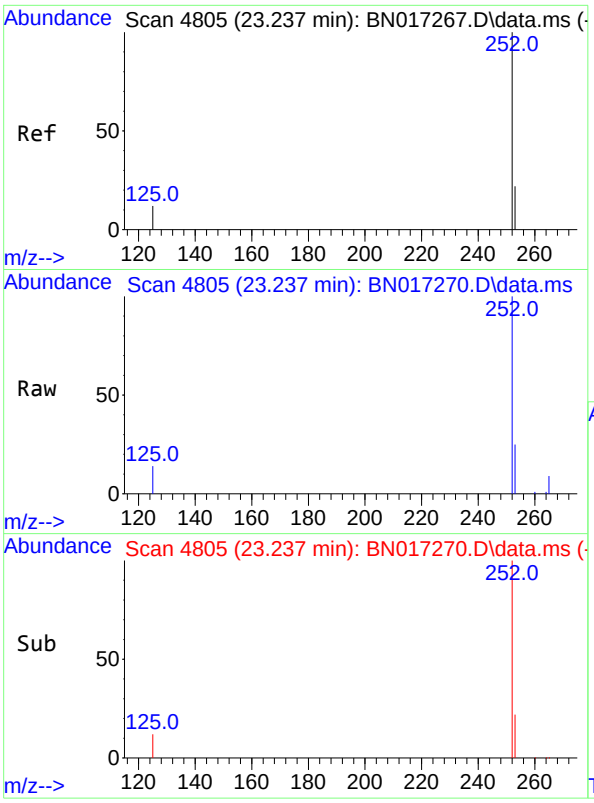


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 22.720 min Scan# 4628
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:252 Resp: 32622

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	13.7	10.0	15.0



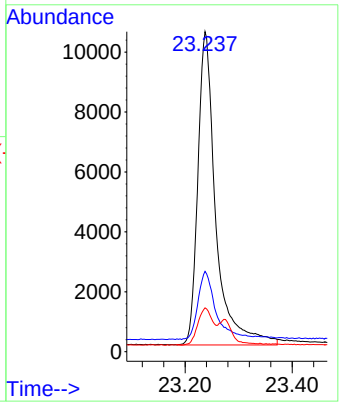


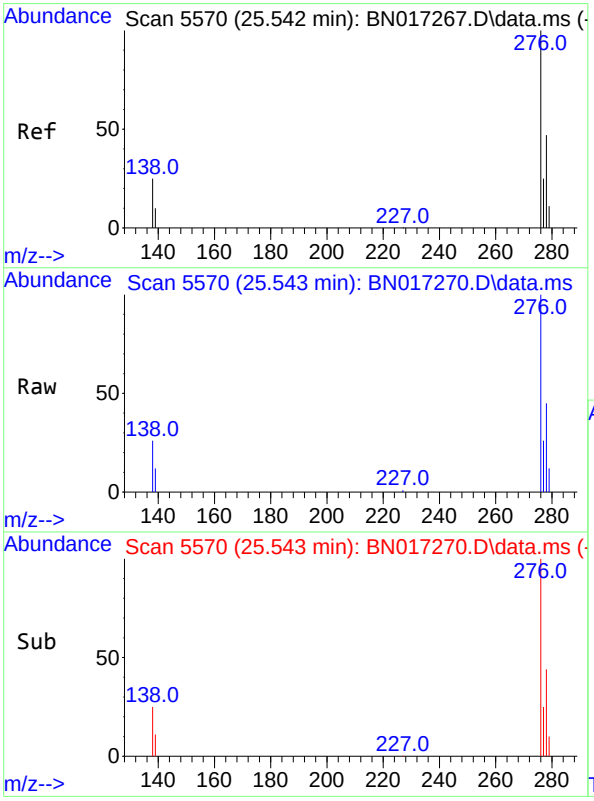
#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.237 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:252 Resp: 24305

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	13.7	10.8	16.2

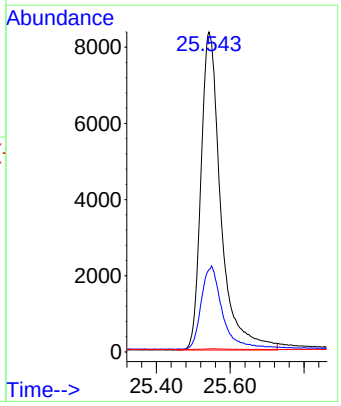


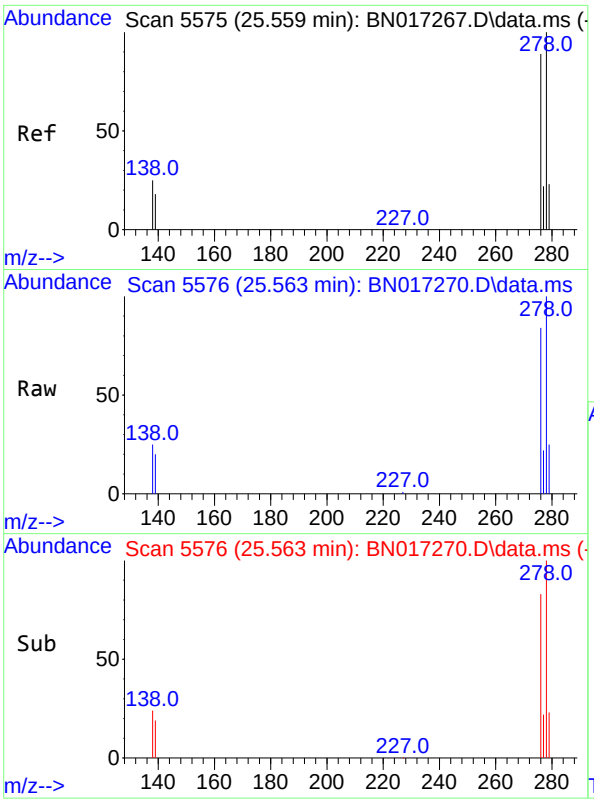


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 25.543 min Scan# 5570
Delta R.T. 0.000 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:276 Resp: 31251

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.2	33.4
227	0.3	0.0	0.0#



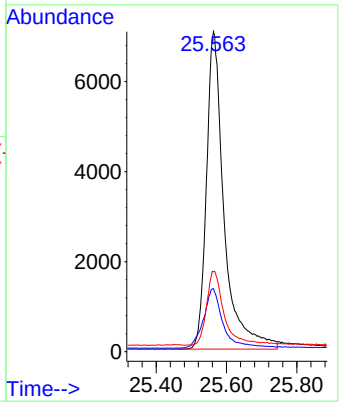


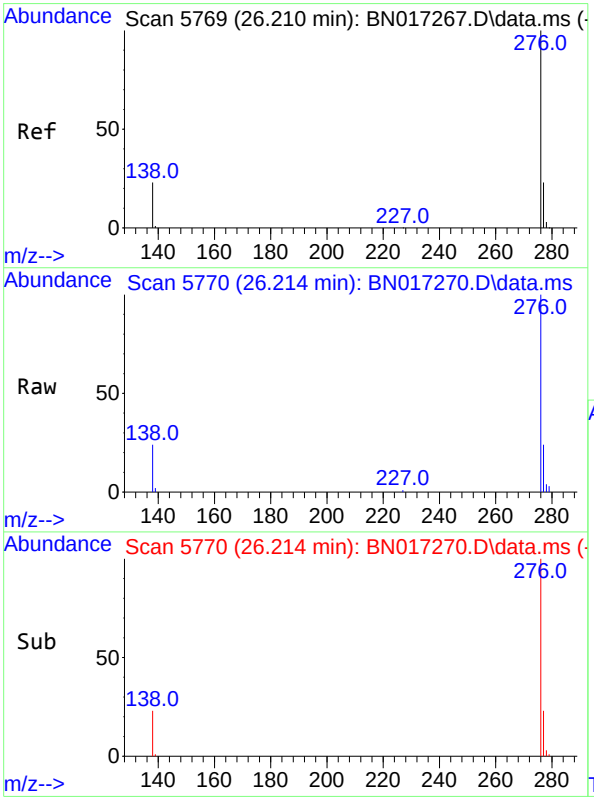
#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 25.563 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Instrument :
BNA_N
ClientSampleId :
SLCS310

Tgt Ion:278 Resp: 24637

Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.4	23.0
279	25.0	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.214 min Scan# 5770
Delta R.T. 0.004 min
Lab File: BN017270.D
Acq: 03 Nov 2021 11:34

Tgt Ion:276 Resp: 26276

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.2	28.8
277	24.2	19.0	28.6