Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
Data File : BN017316.D
Acq On : 04 Nov 2021 17:10
Operator : CG/JU
Sample : PB140428BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS428

Quant Time: Nov 08 01:09:42 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	7.514	152	4887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	18986	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.165	164	10889	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	23822	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	22360	0.400	ng/ul	0.00
23) Perylene-d12	23.332	264	20023	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	3485	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	9365	0.338	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	22417	0.382	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.071	88	9081	1.556	ng/ul#	78
5) Naphthalene	10.332	128	17496	0.333	ng/ul	100
7) 2-Methylnaphthalene	11.965	142	11555	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.185	142	11583	0.311	ng/ul	99
10) Acenaphthylene	13.883	152	14173	0.329	ng/ul	100
11) Acenaphthene	14.230	153	13037	0.345	ng/ul	98
12) Fluorene	15.229	166	14734	0.334	ng/ul	99
14) Pentachlorophenol	16.584	266	1928	0.359	ng/ul	99
15) Phenanthrene	16.964	178	25836	0.342	ng/ul	99
16) Anthracene	17.057	178	20719	0.331	ng/ul	99
19) Fluoranthene	18.993	202	29517	0.369	ng/ul	100
20) Pyrene	19.360	202	30016	0.366	ng/ul	99
21) Benzo(a)anthracene	21.120	228	23011	0.314	ng/ul	99
22) Chrysene	21.173	228	30547	0.368	ng/ul	100
24) Benzo(b)fluoranthene	22.674	252	28477	0.382	ng/ul	100
25) Benzo(k)fluoranthene	22.718	252	32299	0.382	ng/ul	99
26) Benzo(a)pyrene	23.236	252	23112	0.345	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.541	276	29999	0.316	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.561	278	23408	0.312	ng/ul	98
29) Benzo(g,h,i)perylene	26.205	276	25738	0.320	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
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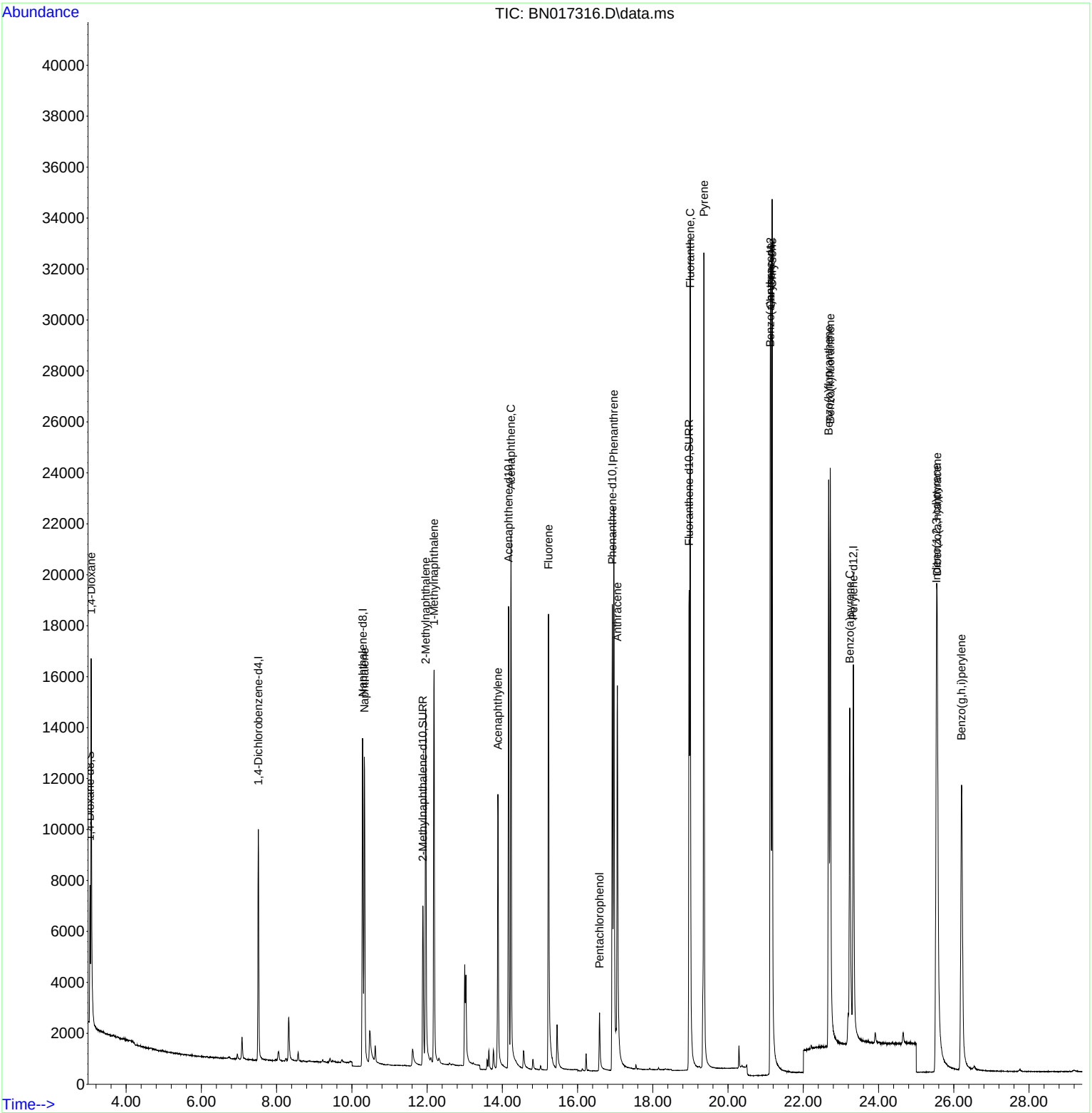
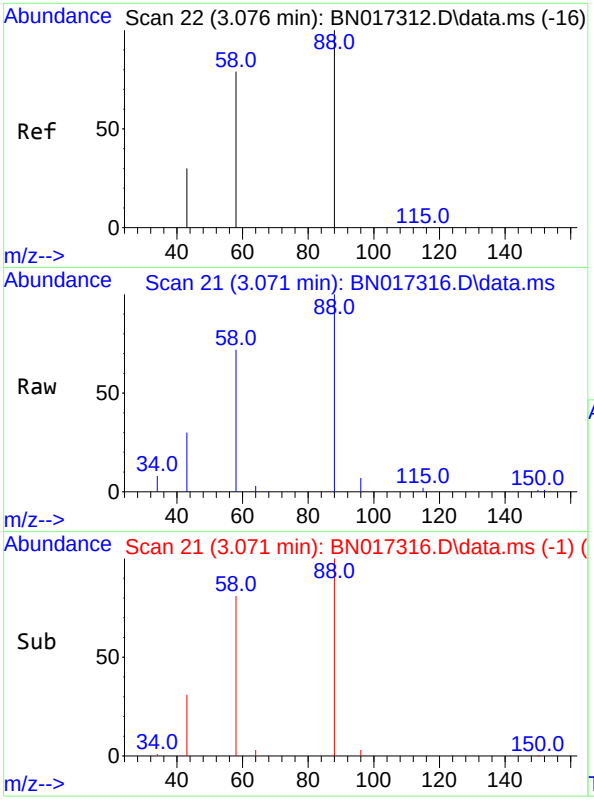
Quant Time: Nov 08 01:09:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration



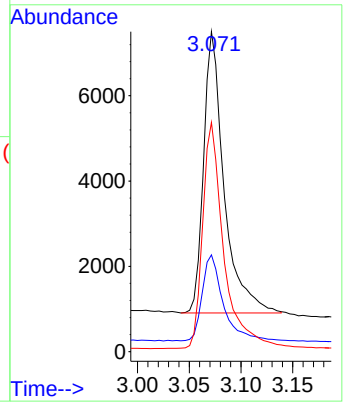


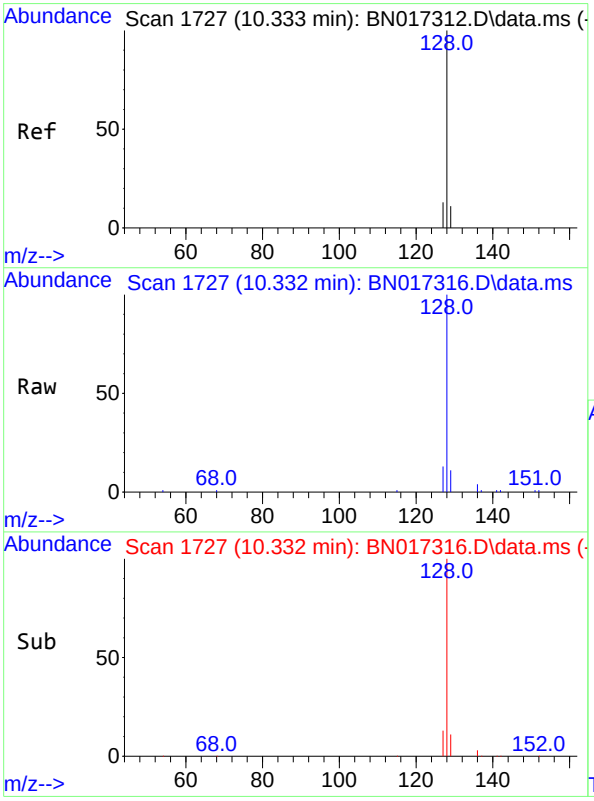
#2
1,4-Dioxane
Concen: 1.556 ng/ul
RT: 3.071 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion: 88 Resp: 9081

Ion	Ratio	Lower	Upper
88	100		
43	30.3	31.8	47.6#
58	71.6	41.9	62.9#

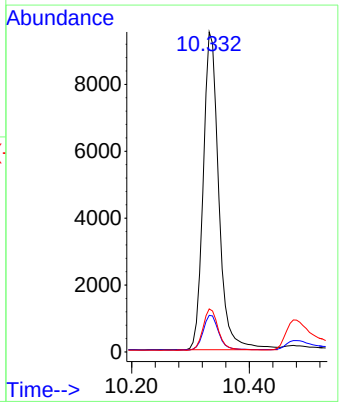


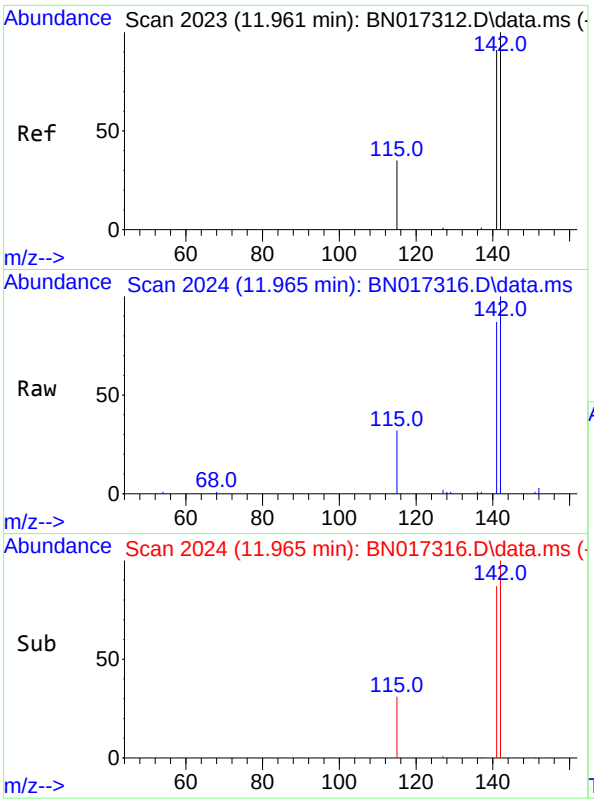


#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. -0.002 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:128 Resp: 17496

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.5	10.8	16.2



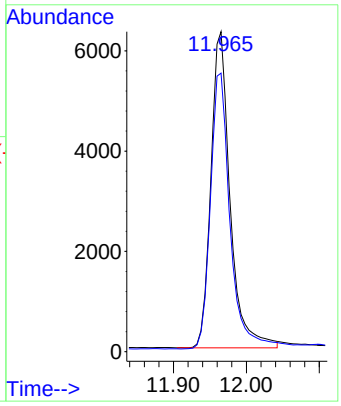


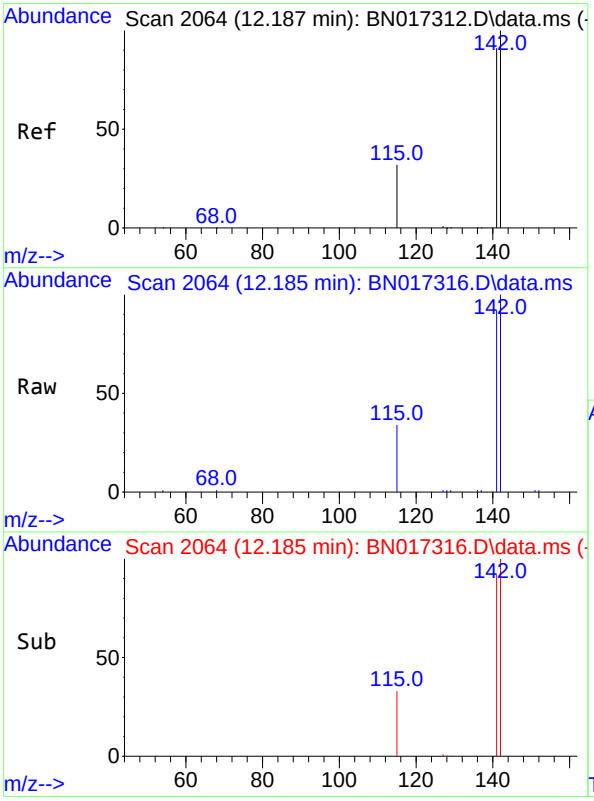
#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 11.965 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:142 Resp: 11555

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4

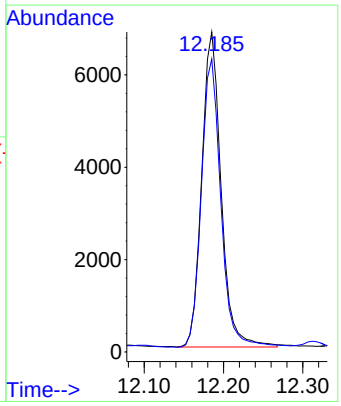


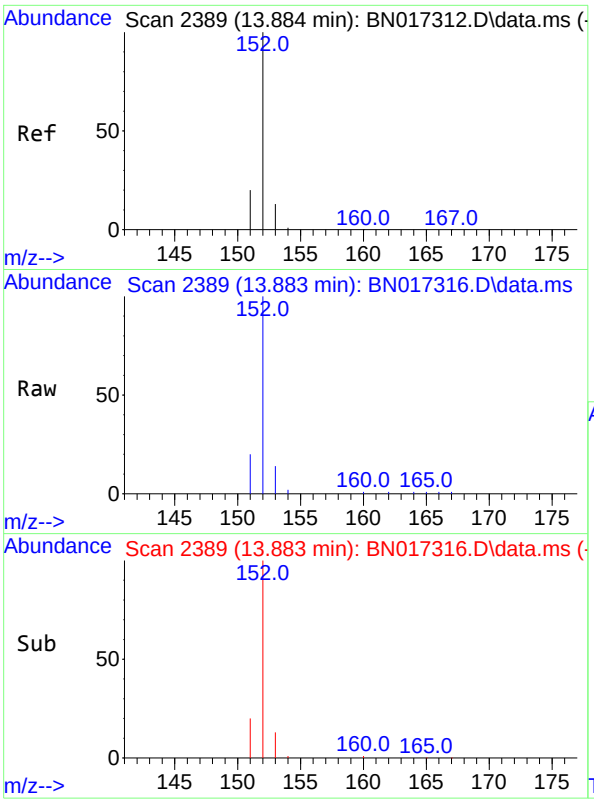


#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:142 Resp: 11583

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8



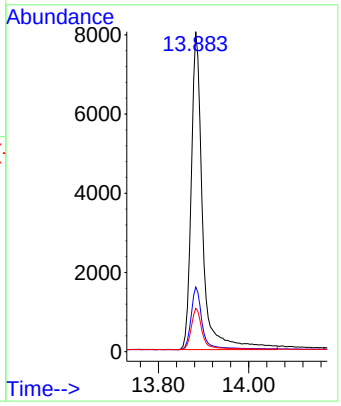


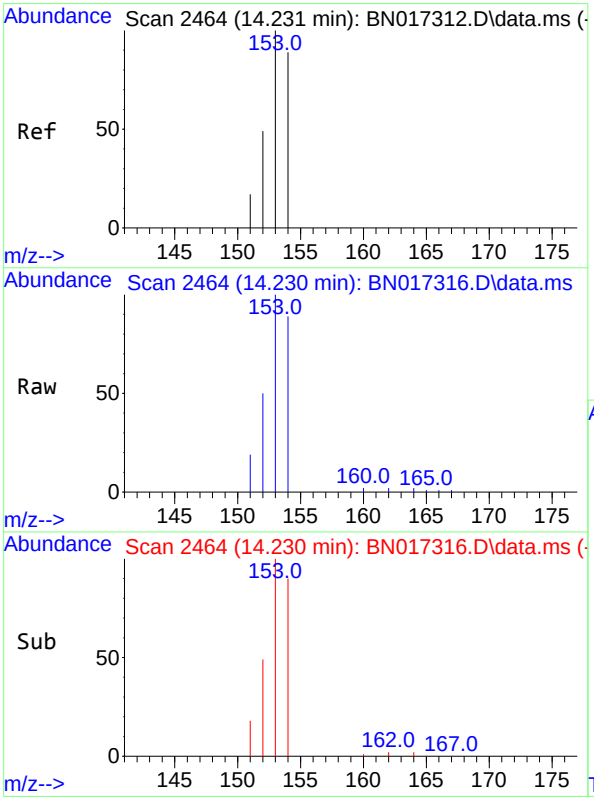
#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 13.883 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:152 Resp: 14173

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.6	10.8	16.2

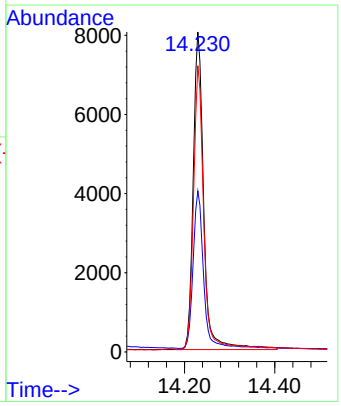


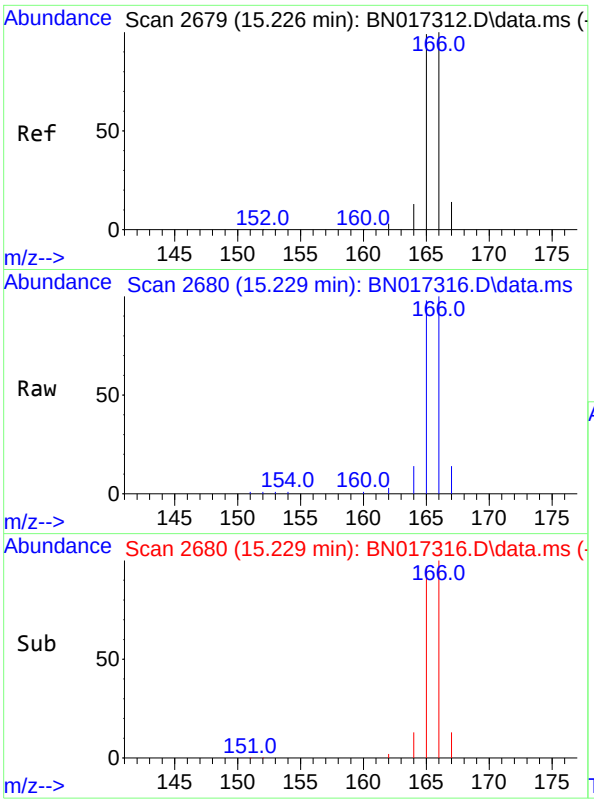


#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.230 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:153 Resp: 13037

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.5	59.3
154	89.5	70.0	105.0



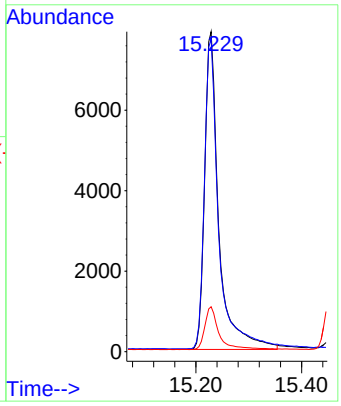


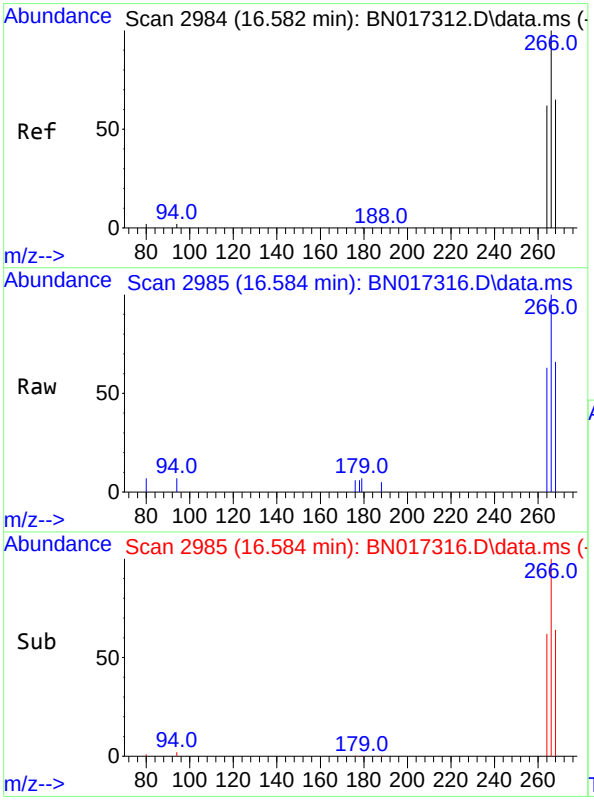
#12
Fluorene
Concen: 0.334 ng/ul
RT: 15.229 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:166 Resp: 14734

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	14.0	11.1	16.7

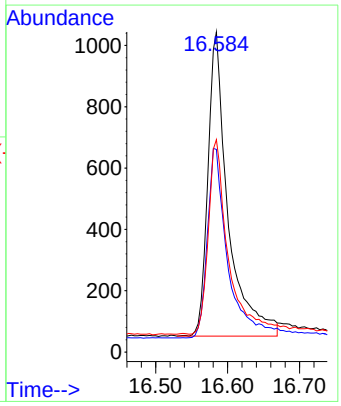


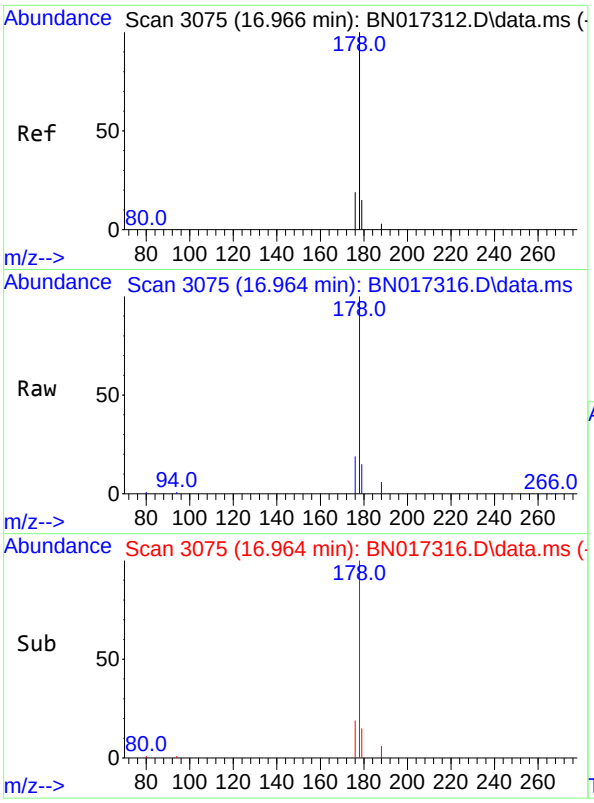


#14
Pentachlorophenol
Concen: 0.359 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. 0.003 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:266 Resp: 1928

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.9	74.9
268	63.1	51.2	76.8



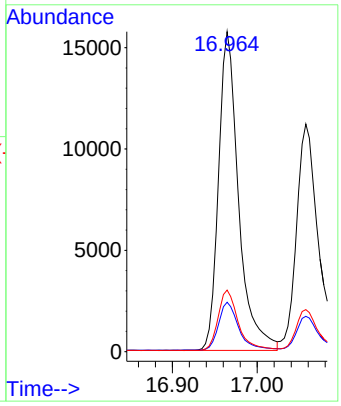


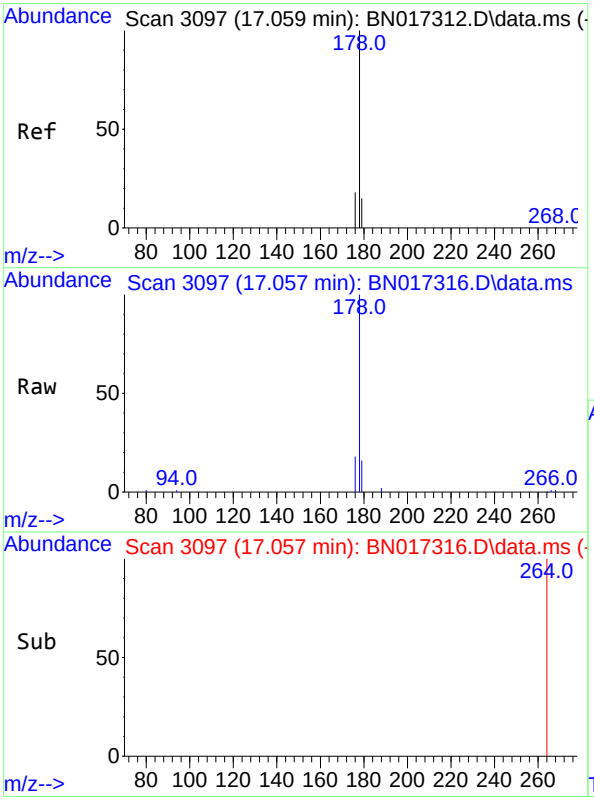
#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 16.964 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:178 Resp: 25836

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	15.5	23.3

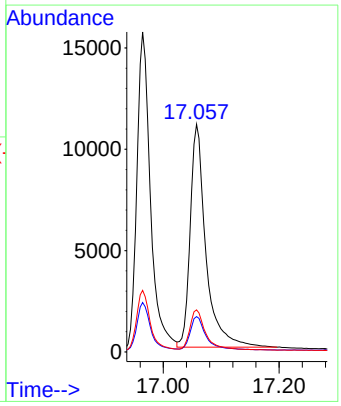


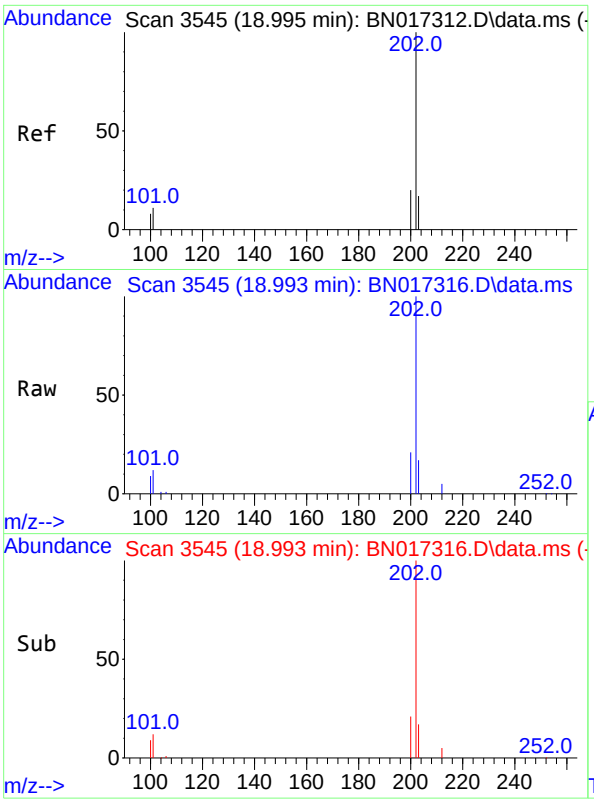


#16
Anthracene
Concen: 0.331 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:178 Resp: 20719

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.5	15.2	22.8



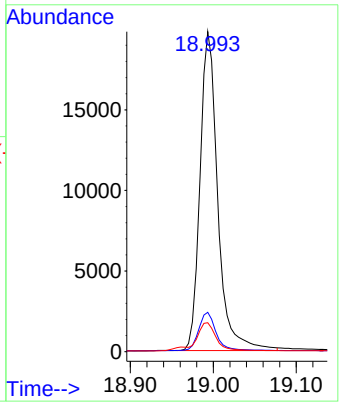


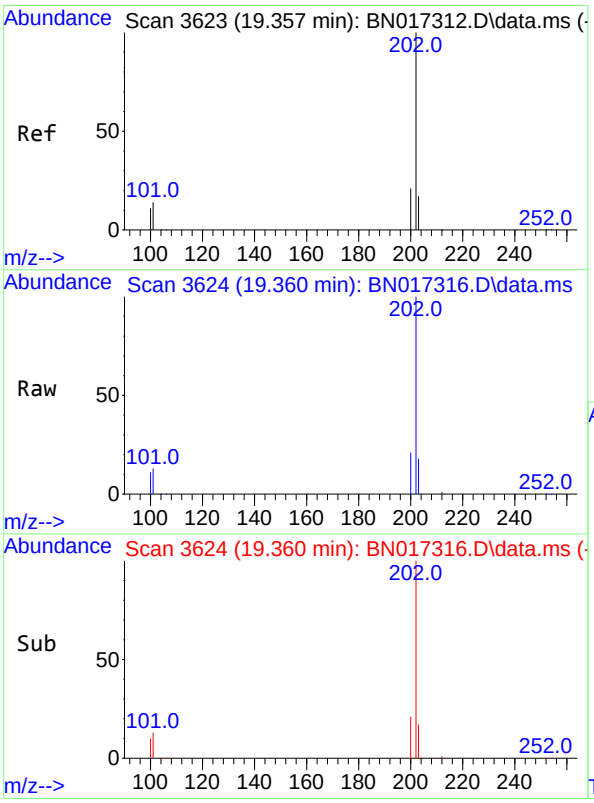
#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 18.993 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:202 Resp: 29517

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.1	7.2	10.8

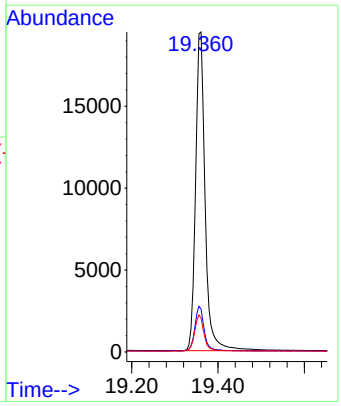


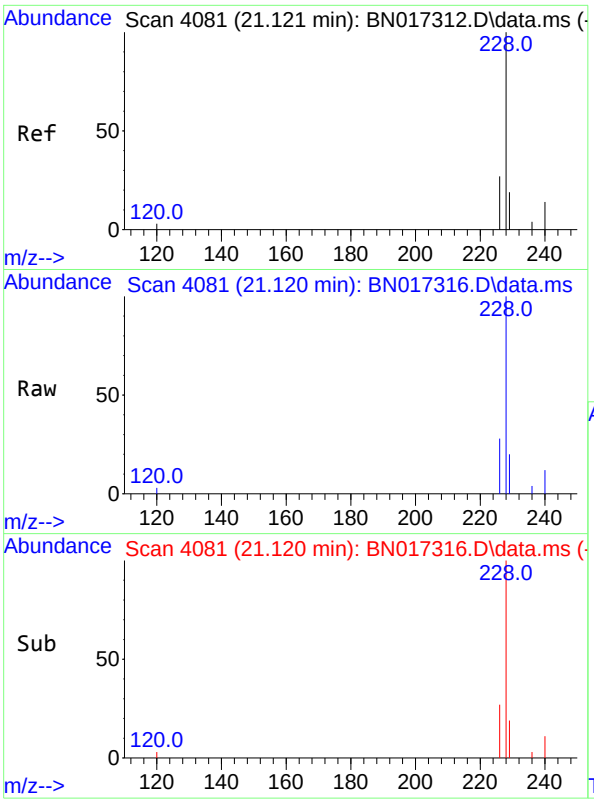


#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. 0.004 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:202 Resp: 30016

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	10.7	8.2	12.2



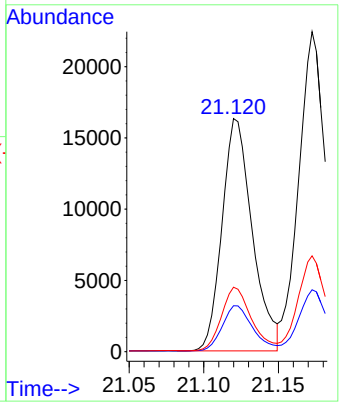


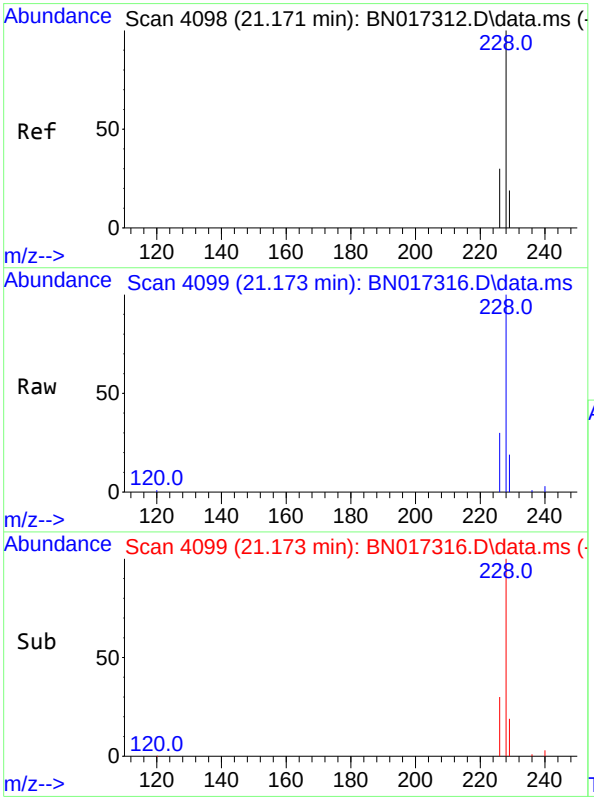
#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.120 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:228 Resp: 23011

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.1	24.1
226	27.6	21.7	32.5

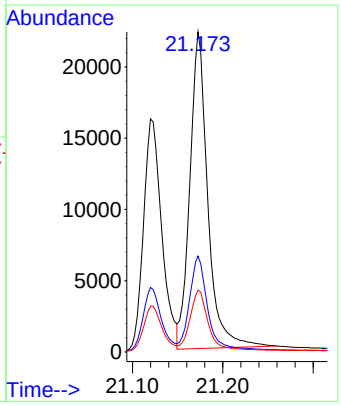


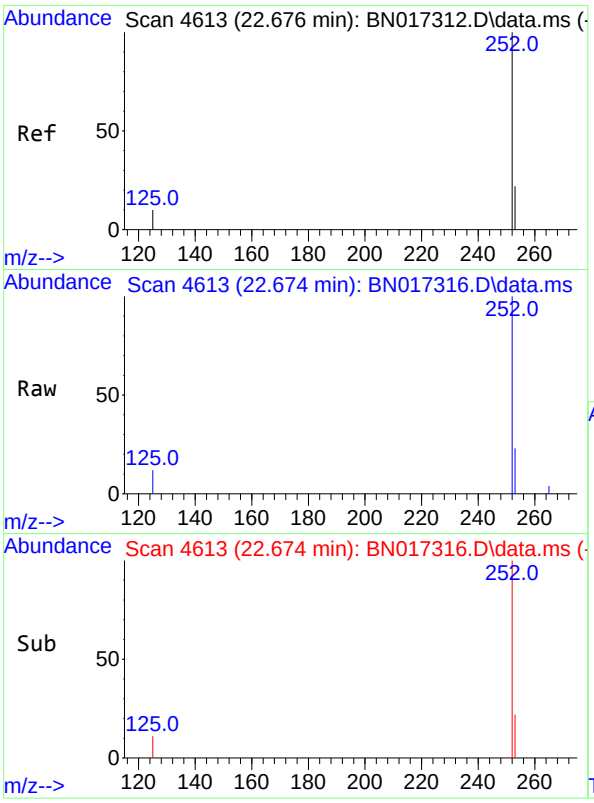


#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.173 min Scan# 4099
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:228 Resp: 30547

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.4	15.4	23.2



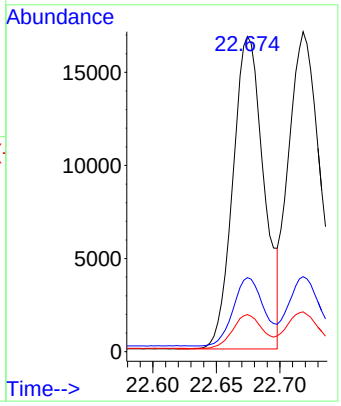


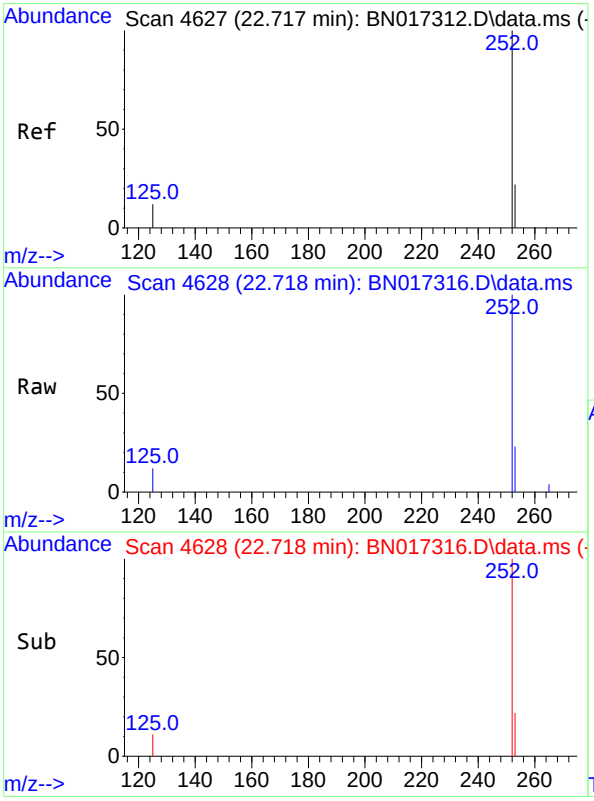
#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 22.674 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:252 Resp: 28477

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	46.8
125	11.8	0.0	23.8

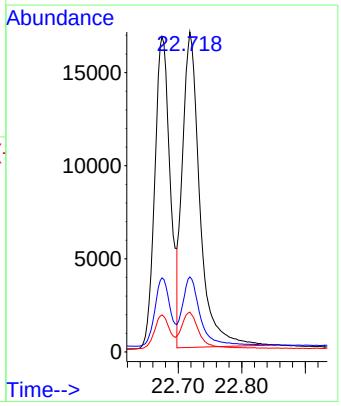


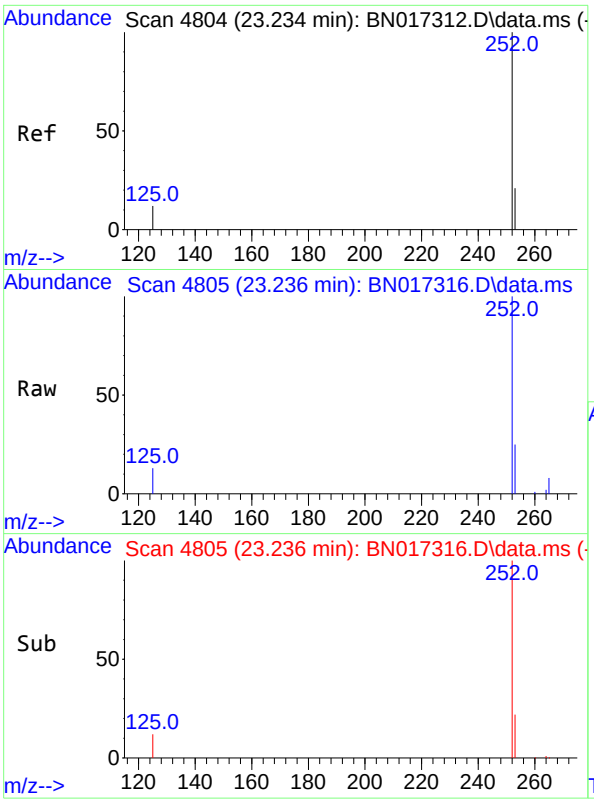


#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 22.718 min Scan# 4628
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:252 Resp: 32299

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	12.4	10.0	15.0



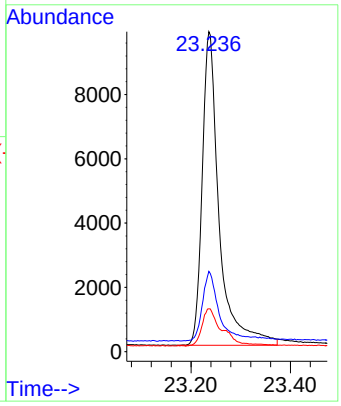


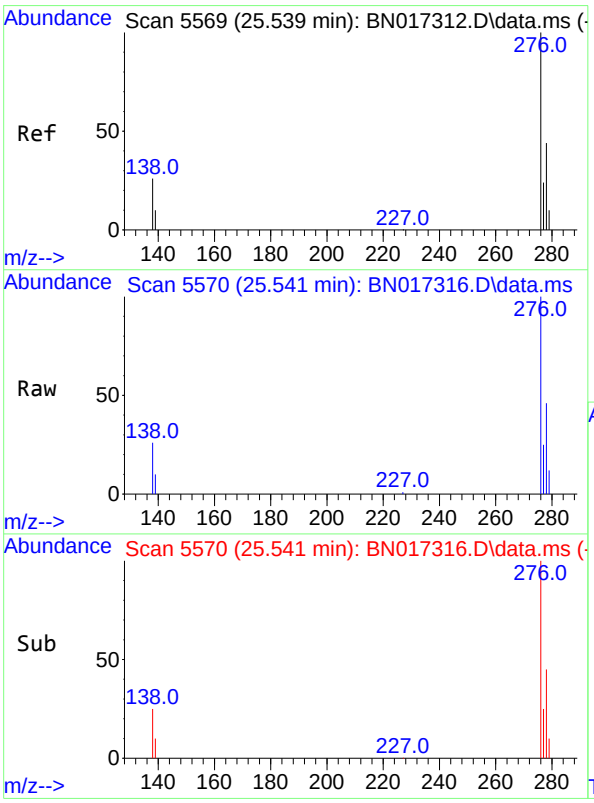
#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.236 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:252 Resp: 23112

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.3	28.9
125	13.4	10.8	16.2

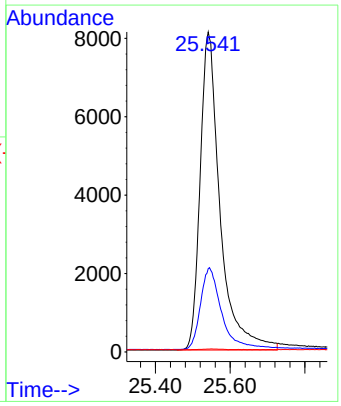


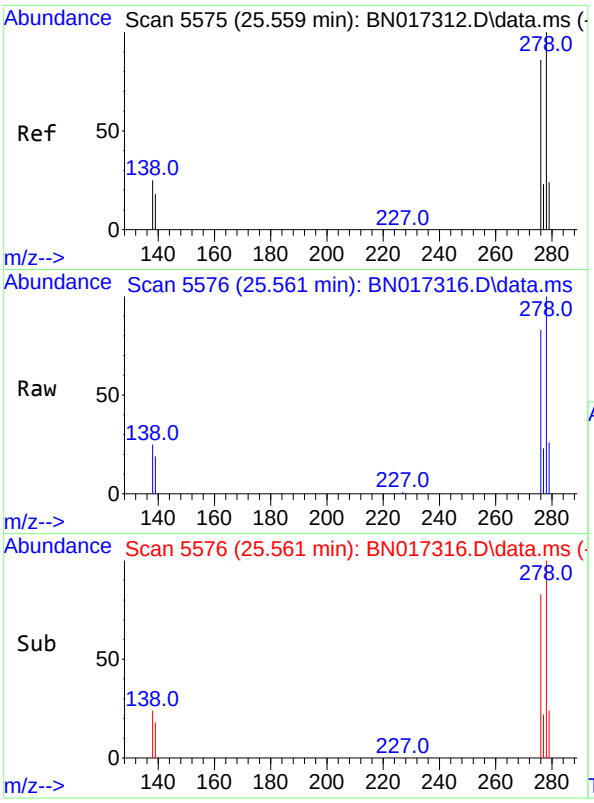


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 25.541 min Scan# 5570
Delta R.T. -0.001 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:276 Resp: 29999

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.2	33.4
227	0.2	0.0	0.0#



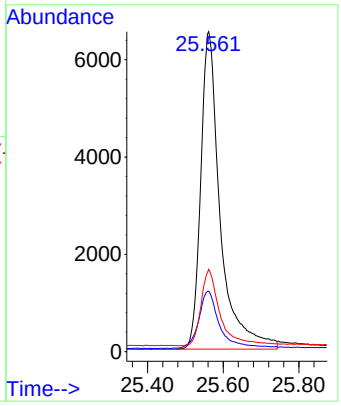


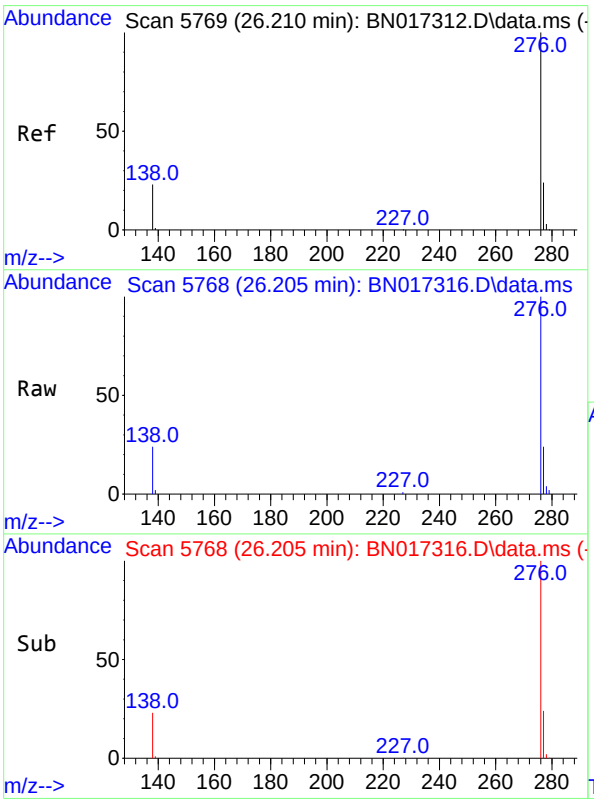
#28
Dibenzo(a,h)anthracene
Concen: 0.312 ng/ul
RT: 25.561 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Instrument :
BNA_N
ClientSampleId :
SLCS428

Tgt Ion:278 Resp: 23408

Ion	Ratio	Lower	Upper
278	100		
139	18.9	15.4	23.0
279	25.7	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 26.205 min Scan# 5768
Delta R.T. -0.004 min
Lab File: BN017316.D
Acq: 04 Nov 2021 17:10

Tgt Ion:276 Resp: 25738

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.2	28.8
277	24.3	19.0	28.6