Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030216.D
Acq On : 03 Mar 2024 13:22
Operator : MA/JU
Sample : P1512-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Quant Time: Mar 03 22:52:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	4554	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.479	164	2133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.235	188	4040	0.400	ng/ul	-0.01
17) Chrysene-d12	21.444	240	3617	0.400	ng/ul	# 0.00
23) Perylene-d12	23.797	264	4385	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1269	0.516	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1712	0.291	ng/ul	-0.01
18) Fluoranthene-d10	19.272	212	3376	0.286	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	3576	1.340	ng/ul#	90
5) Naphthalene	10.678	128	5783	0.430	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	2224	0.305	ng/ul	100
8) 1-Methylnaphthalene	12.515	142	2281	0.295	ng/ul	100
10) Acenaphthylene	14.201	152	3280	0.275	ng/ul	98
11) Acenaphthene	14.539	153	2421	0.277	ng/ul	98
12) Fluorene	15.538	166	2573	0.289	ng/ul	99
14) Pentachlorophenol	16.884	266	467	0.405	ng/ul	97
15) Phenanthrene	17.277	178	4375	0.323	ng/ul	99
16) Anthracene	17.370	178	3430	0.288	ng/ul	100
19) Fluoranthene	19.300	202	5332	0.332	ng/ul	99
20) Pyrene	19.662	202	5486	0.314	ng/ul	99
21) Benzo(a)anthracene	21.427	228	4331	0.339	ng/ul	99
22) Chrysene	21.479	228	4640	0.302	ng/ul	97
24) Benzo(b)fluoranthene	23.084	252	5270	0.312	ng/ul	96
25) Benzo(k)fluoranthene	23.131	252	5138	0.258	ng/ul	96
26) Benzo(a)pyrene	23.695	252	5064	0.294	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.232	276	6717	0.306	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.256	278	5134	0.302	ng/ul	96
29) Benzo(g,h,i)perylene	26.970	276	6034	0.296	ng/ul	96

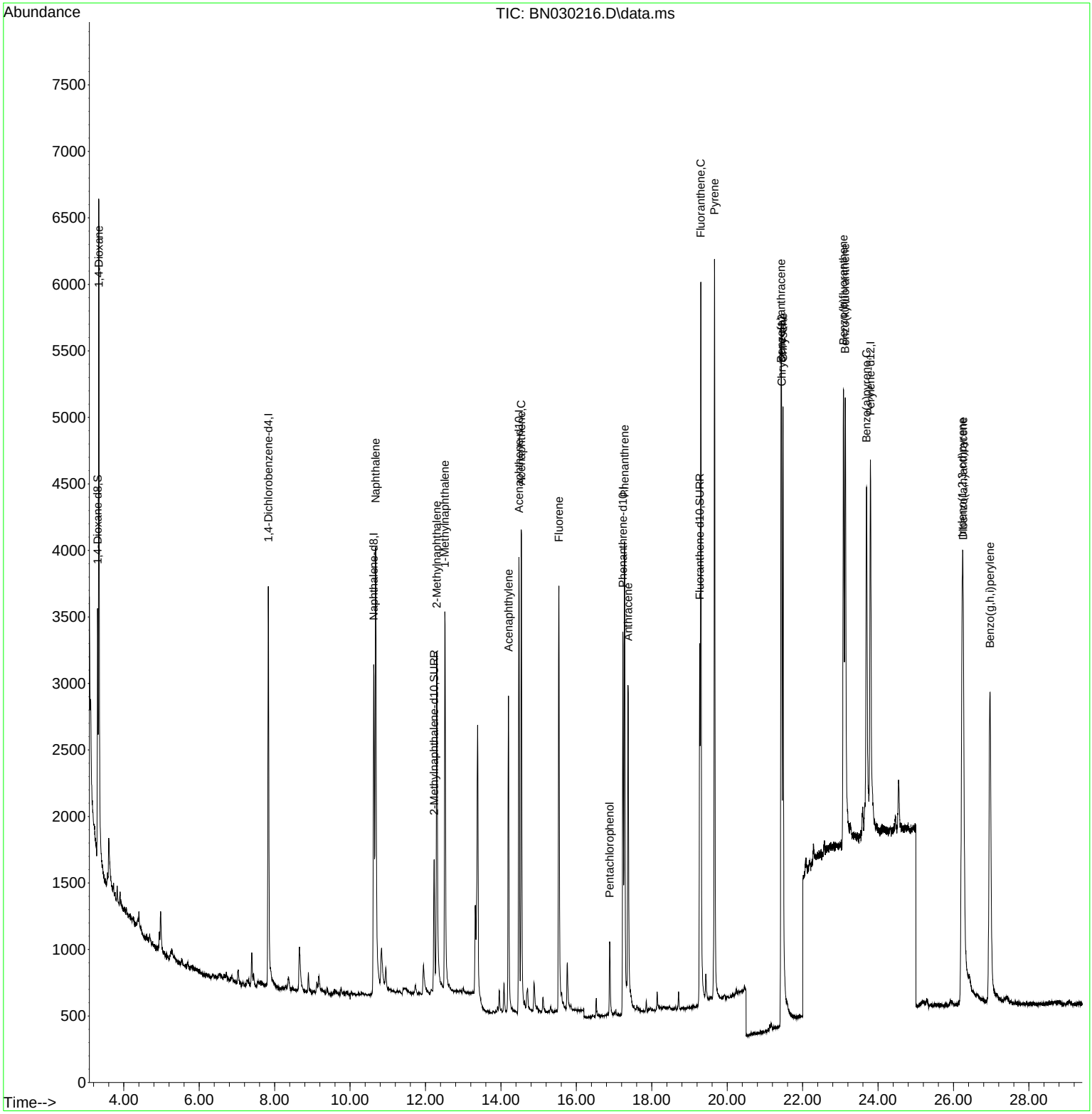
(#) = qualifier out of range (m) = manual integration (+) = signals summed

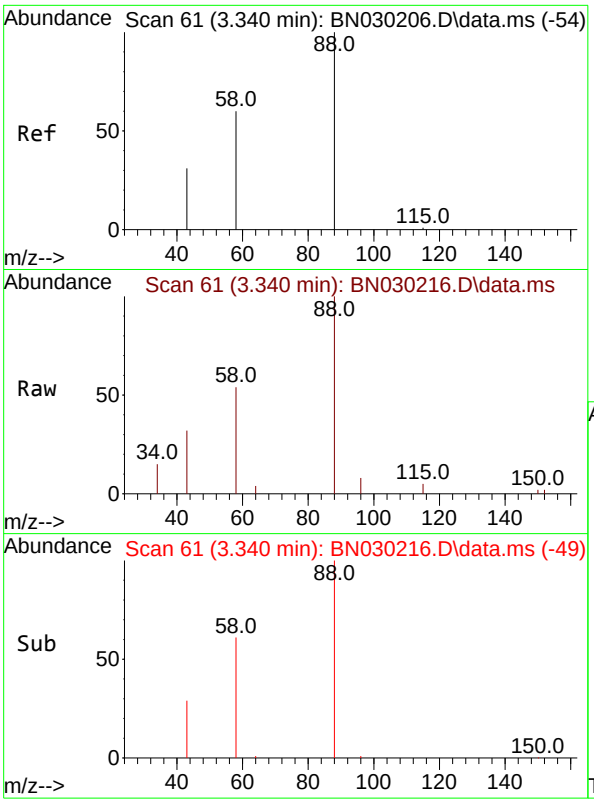
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030216.D
Acq On : 03 Mar 2024 13:22
Operator : MA/JU
Sample : P1512-05MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Quant Time: Mar 03 22:52:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration



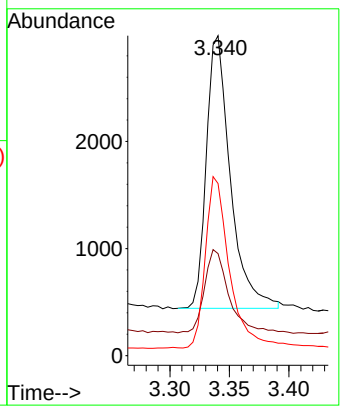


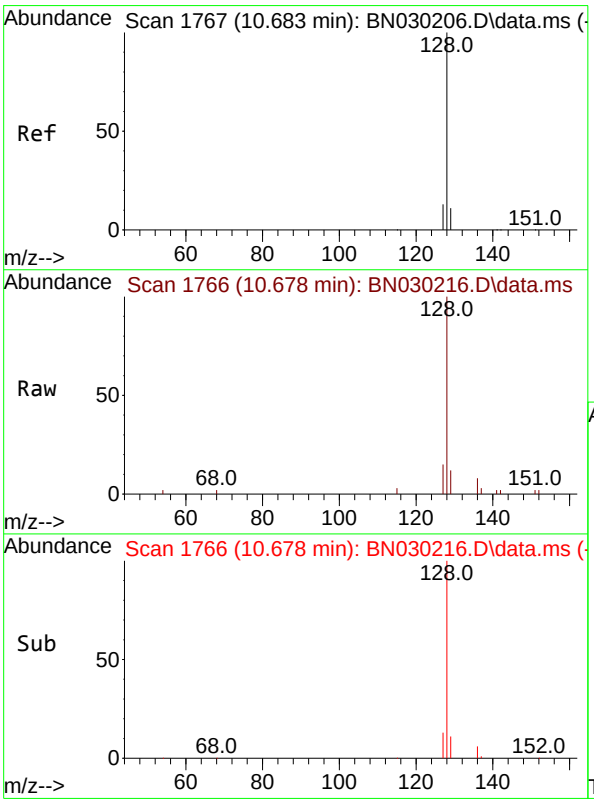
#2
1,4-Dioxane
Concen: 1.340 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion: 88 Resp: 3576

Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.7	38.5
58	53.8	33.8	50.8#

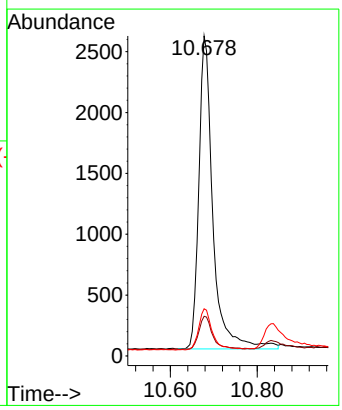


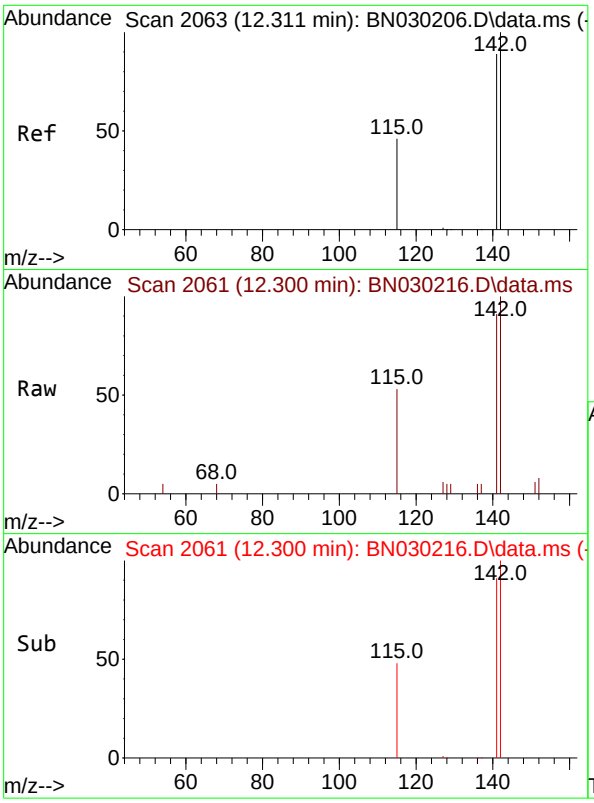


#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:128 Resp: 5783

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.0	16.4
127	14.8	12.3	18.5



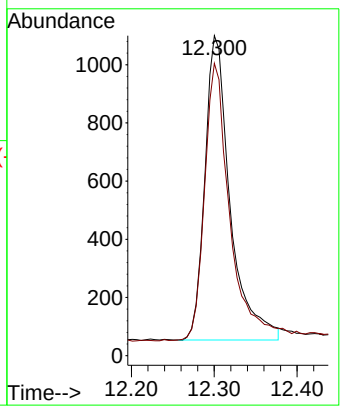


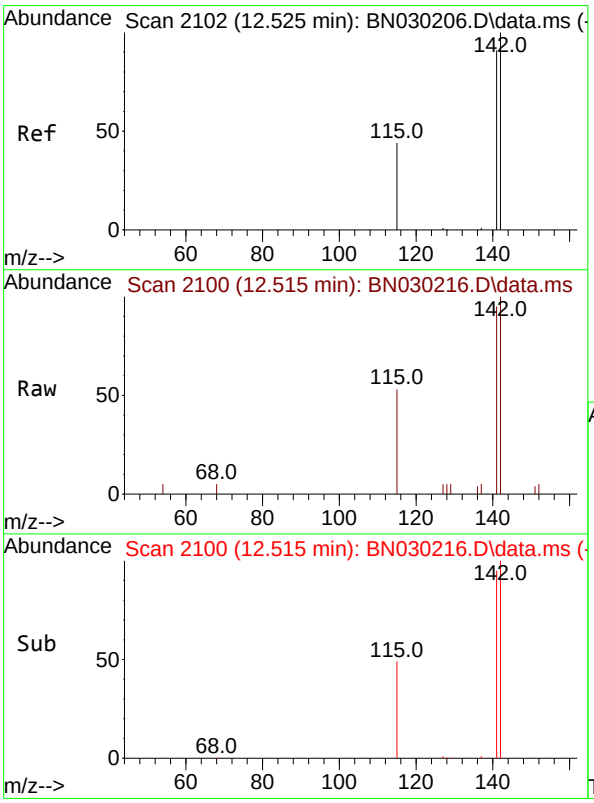
#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.300 min Scan# 2(
Delta R.T. -0.011 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:142 Resp: 2224

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.8	109.2

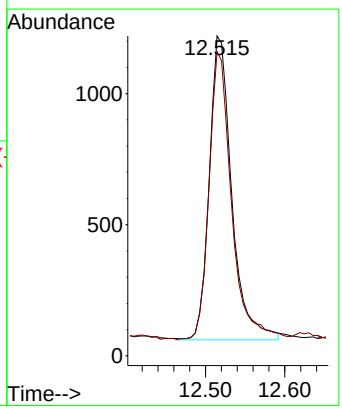


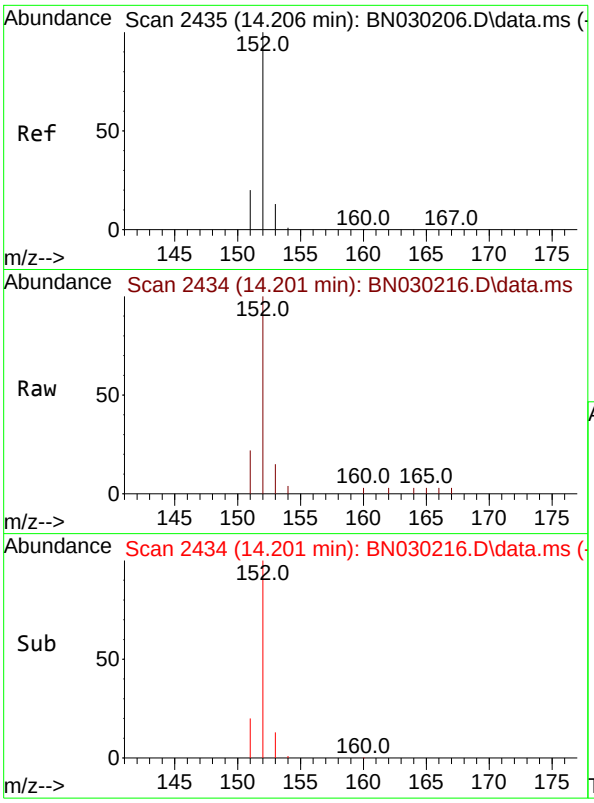


#8
1-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:142 Resp: 2281

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.2



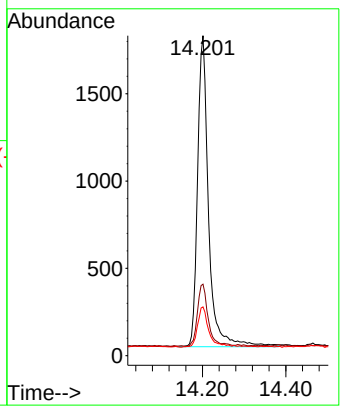


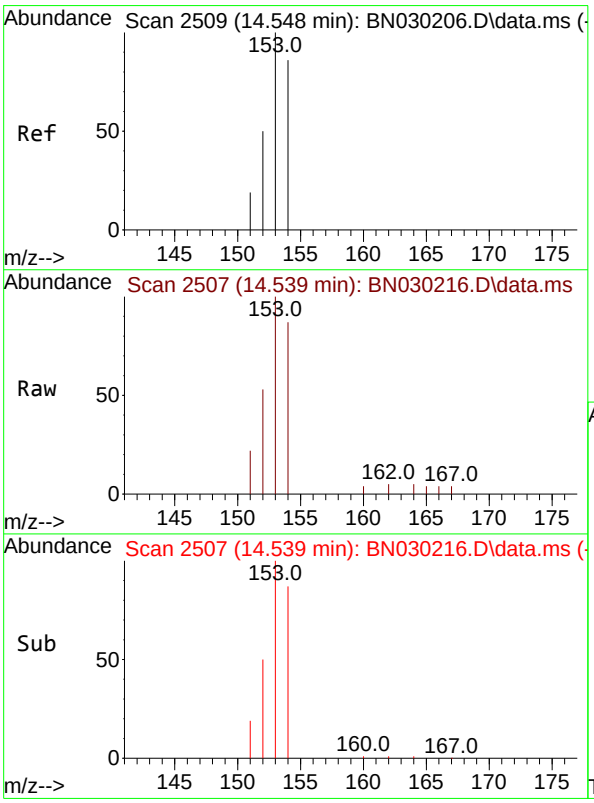
#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.201 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:152 Resp: 3280

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.9	25.3
153	15.3	11.8	17.6

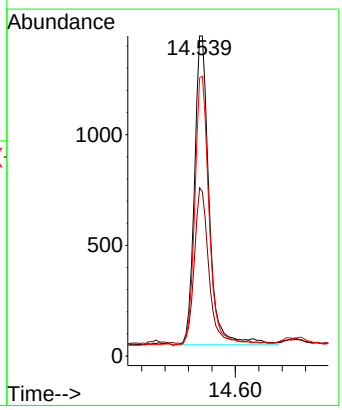


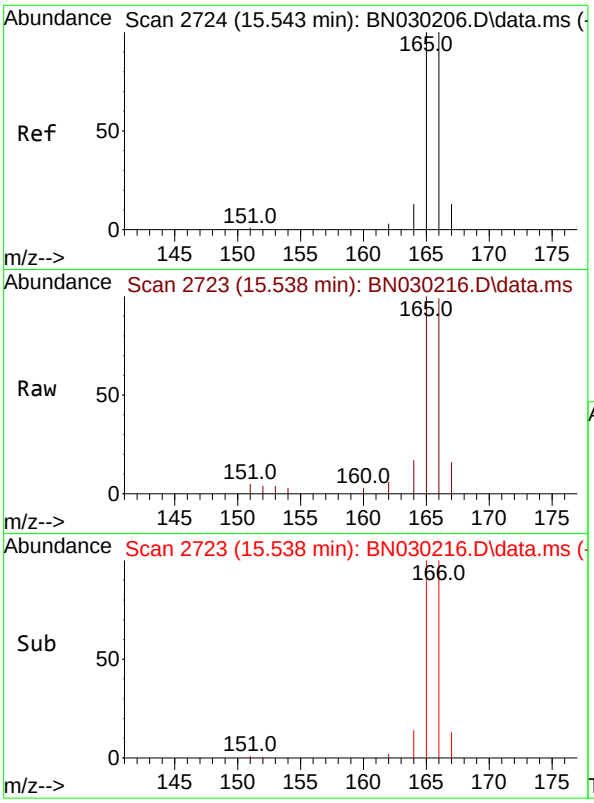


#11
Acenaphthene
Concen: 0.277 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:153 Resp: 2421

Ion	Ratio	Lower	Upper
153	100		
152	52.6	43.2	64.8
154	86.9	67.5	101.3



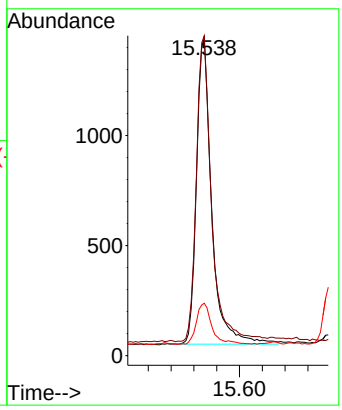


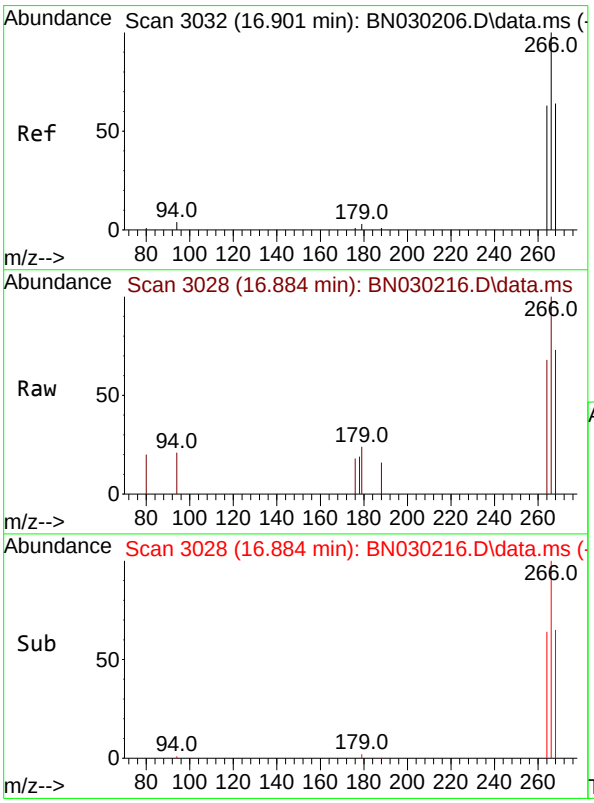
#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.538 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:166 Resp: 2573

Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.8	122.6
167	16.5	13.0	19.4

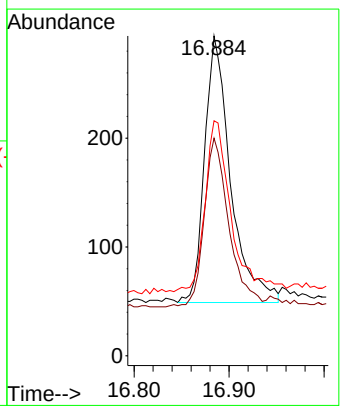


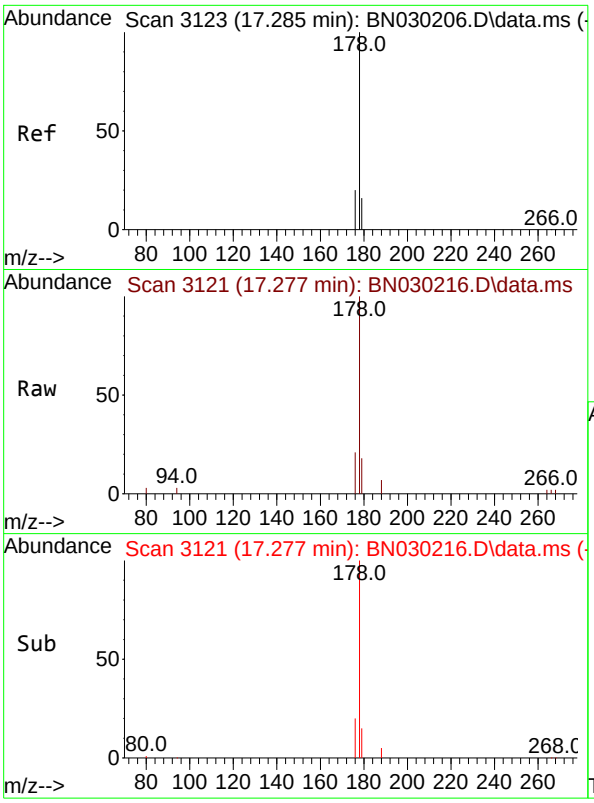


#14
Pentachlorophenol
Concen: 0.405 ng/ul
RT: 16.884 min Scan# 3028
Delta R.T. -0.022 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:266 Resp: 467

Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.8	74.8
268	64.5	53.4	80.2



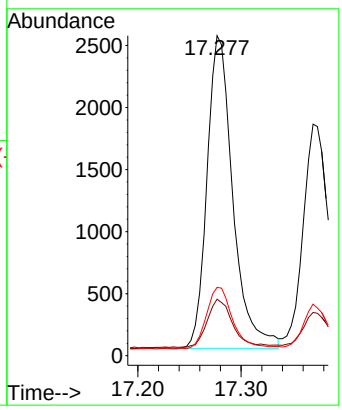


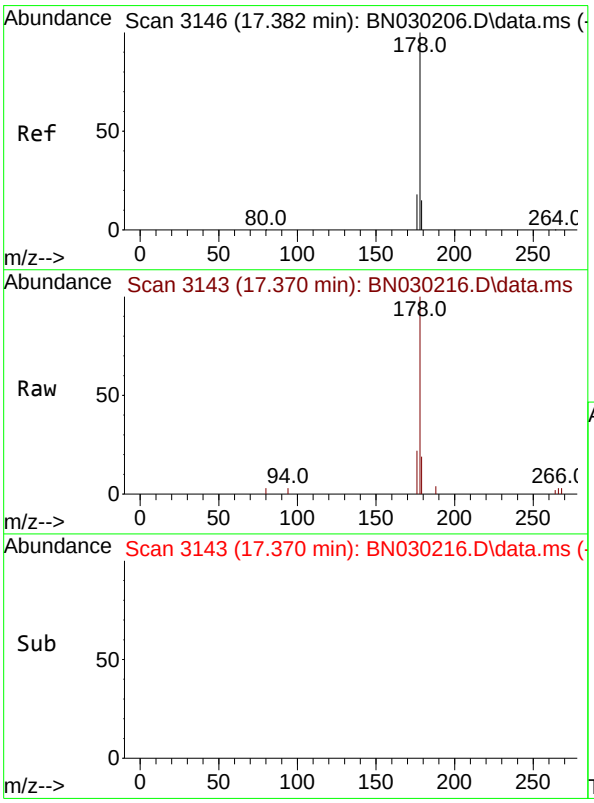
#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.277 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:178 Resp: 4375

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.8	20.8
176	21.4	16.6	25.0

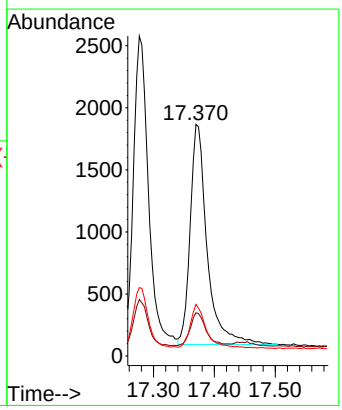


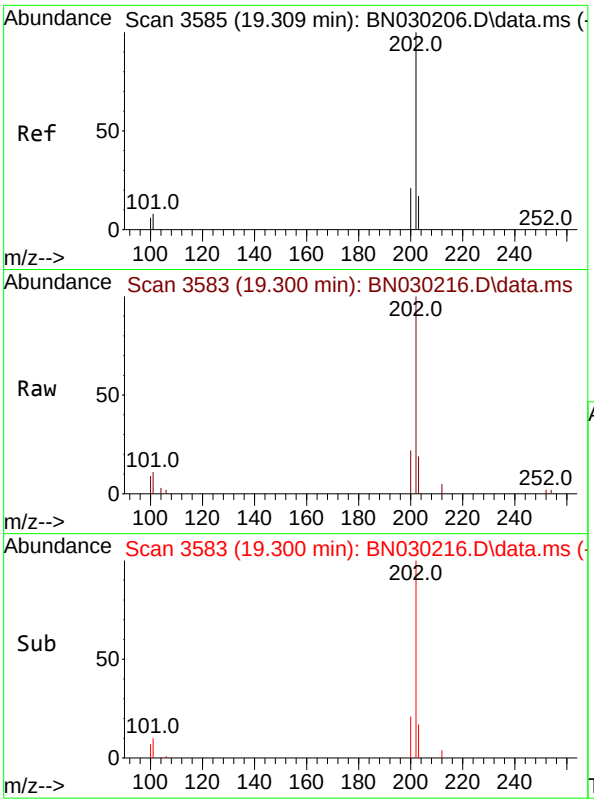


#16
Anthracene
Concen: 0.288 ng/ul
RT: 17.370 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:178 Resp: 3430

Ion	Ratio	Lower	Upper
178	100		
179	18.6	14.8	22.2
176	22.2	17.8	26.6



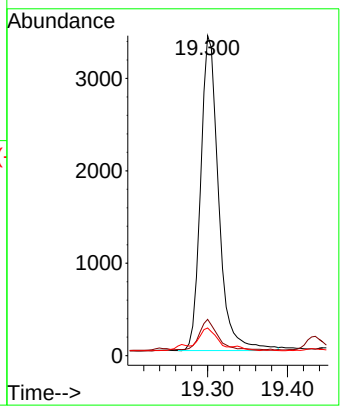


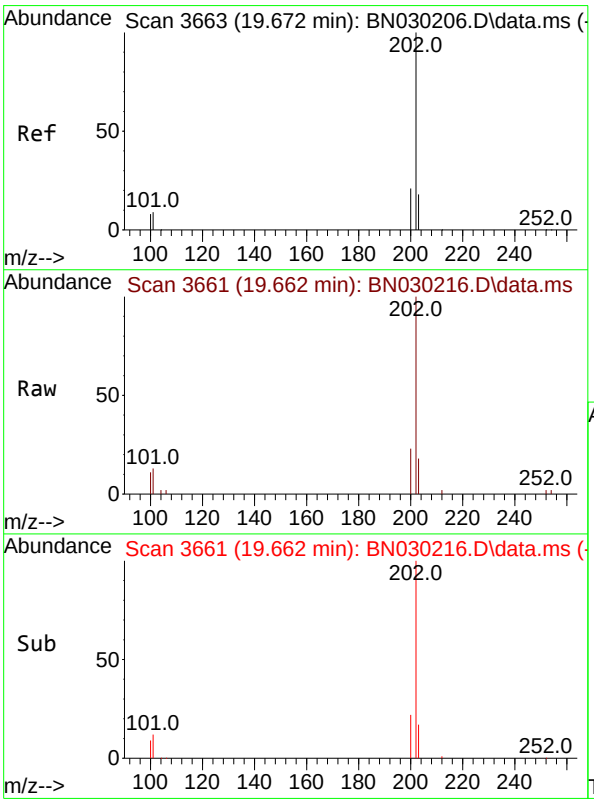
#19
Fluoranthene
Concen: 0.332 ng/ul
RT: 19.300 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:202 Resp: 5332

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.7	7.4	11.2

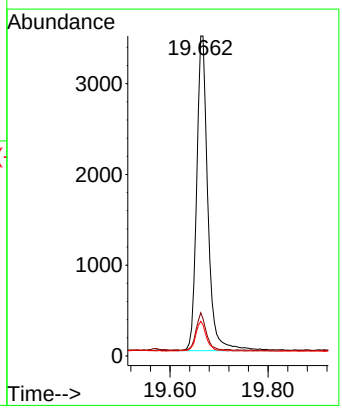


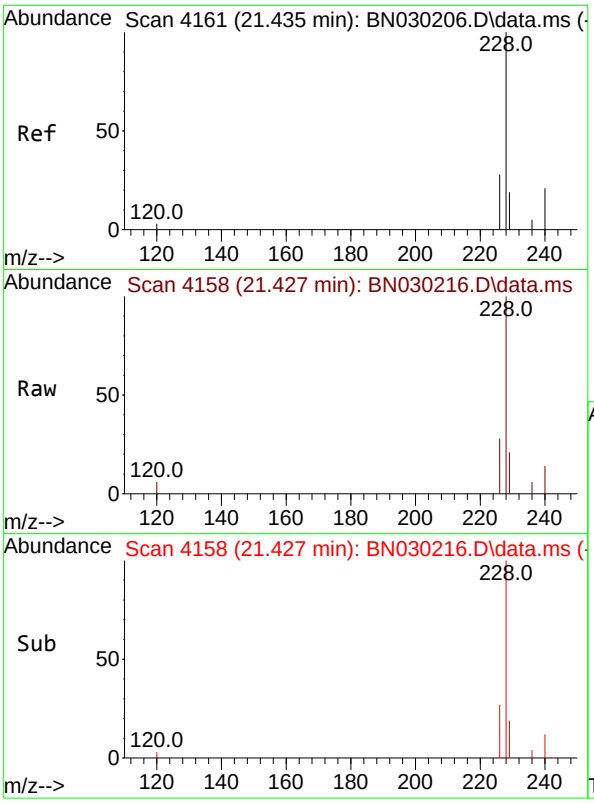


#20
Pyrene
Concen: 0.314 ng/ul
RT: 19.662 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:202 Resp: 5486

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.8	8.8	13.2



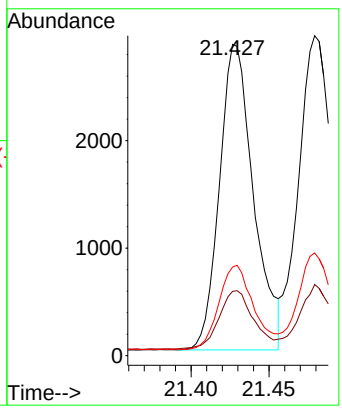


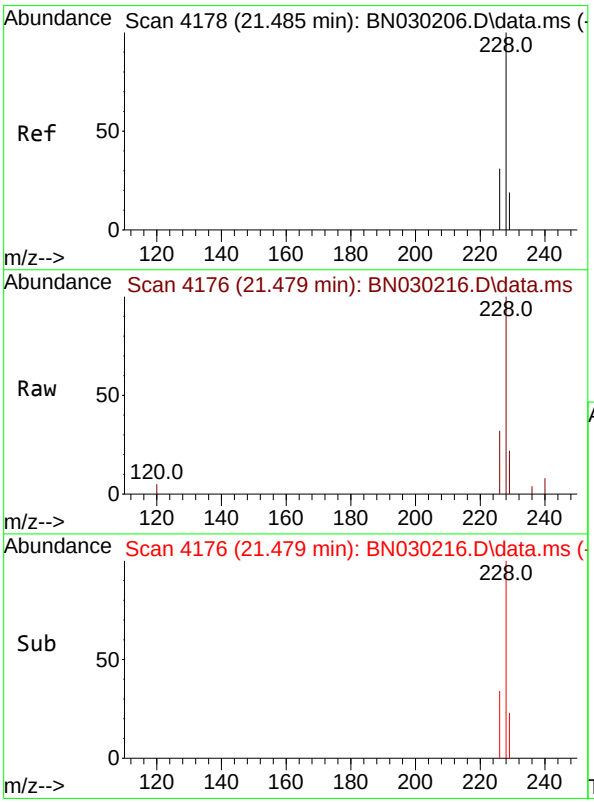
#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.427 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:228 Resp: 4331

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	24.8
226	28.5	23.7	35.5

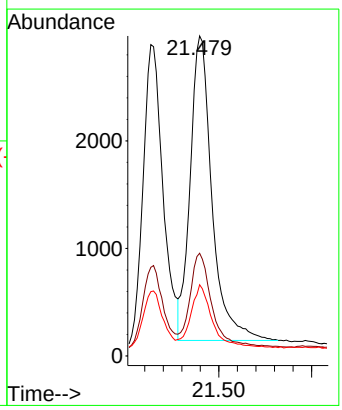


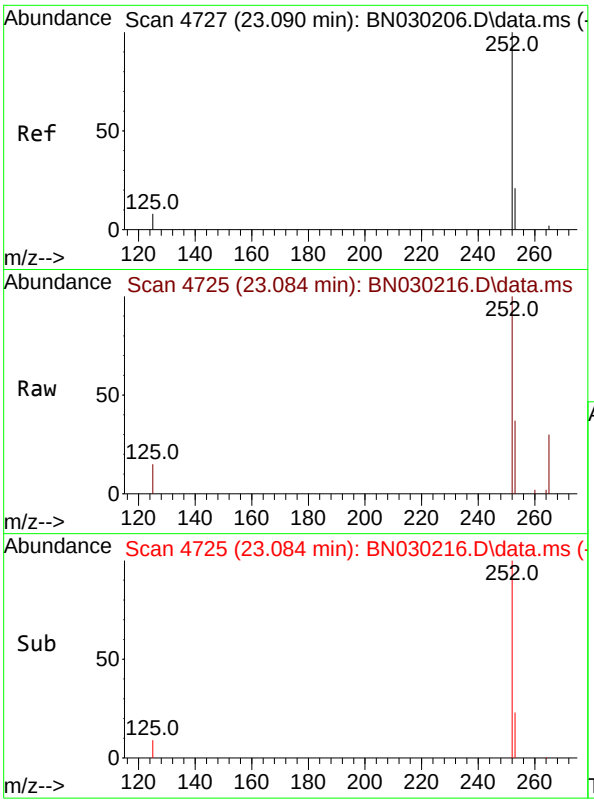


#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.479 min Scan# 4176
Delta R.T. -0.009 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:228 Resp: 4640

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	22.2	16.6	24.8



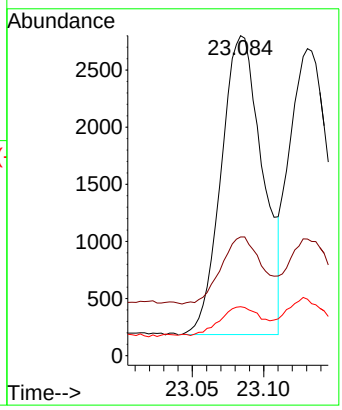


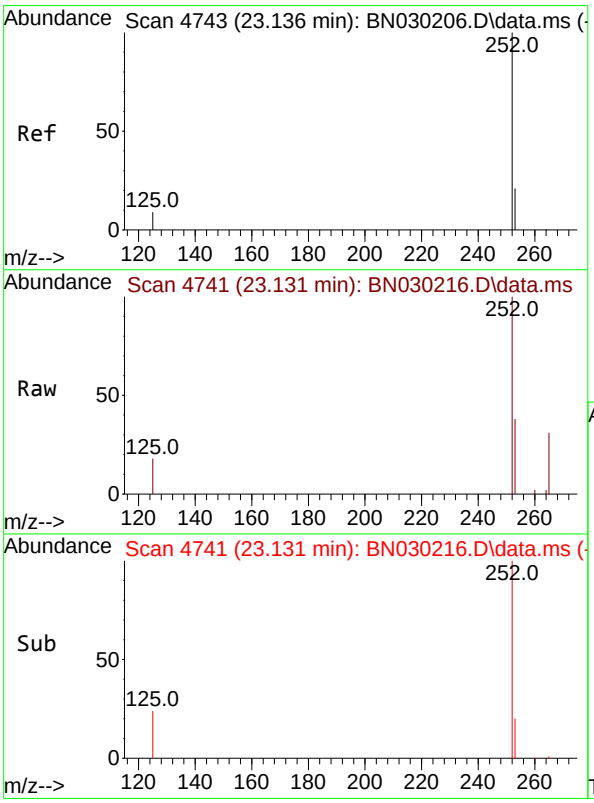
#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 23.084 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:252 Resp: 5270

Ion	Ratio	Lower	Upper
252	100		
253	37.1	0.0	69.4
125	15.3	0.0	32.8

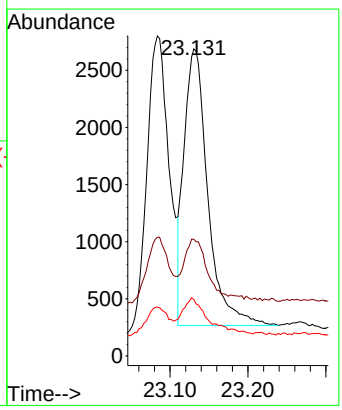


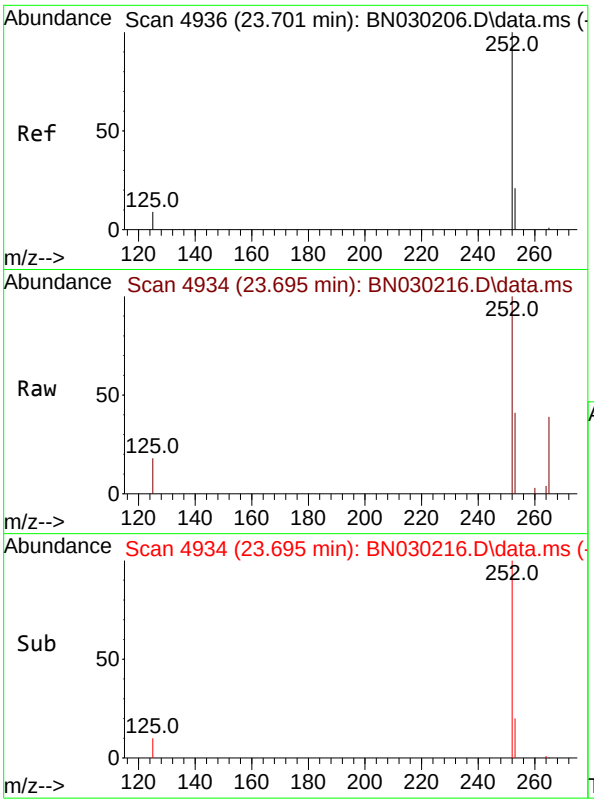


#25
Benzo(k)fluoranthene
Concen: 0.258 ng/ul
RT: 23.131 min Scan# 4741
Delta R.T. -0.012 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:252 Resp: 5138

Ion	Ratio	Lower	Upper
252	100		
253	38.0	28.0	42.0
125	18.4	14.4	21.6



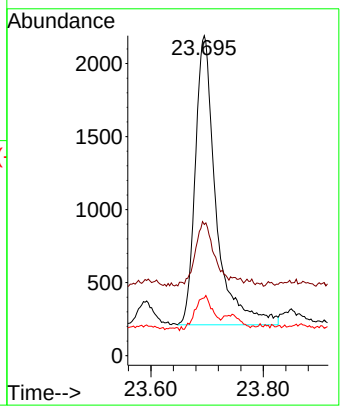


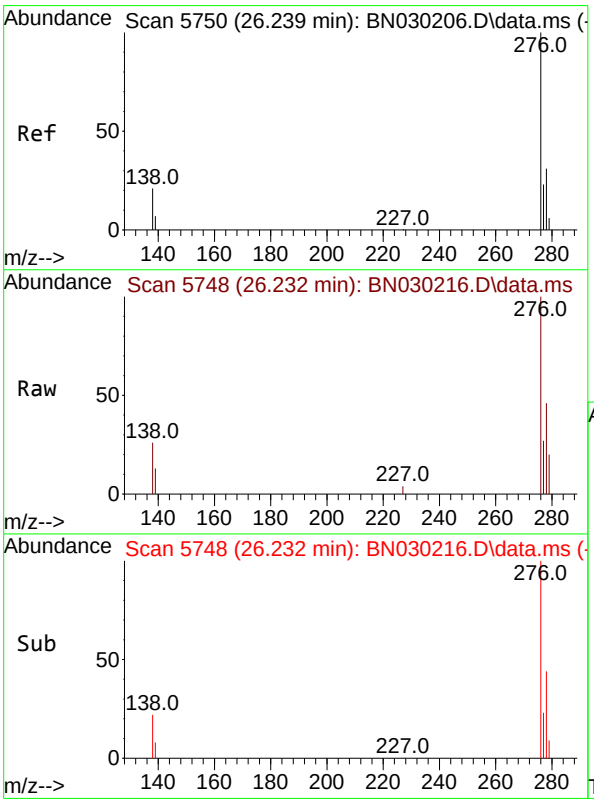
#26
Benzo(a)pyrene
Concen: 0.294 ng/ul
RT: 23.695 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:252 Resp: 5064

Ion	Ratio	Lower	Upper
252	100		
253	41.0	33.0	49.4
125	18.0	16.9	25.3

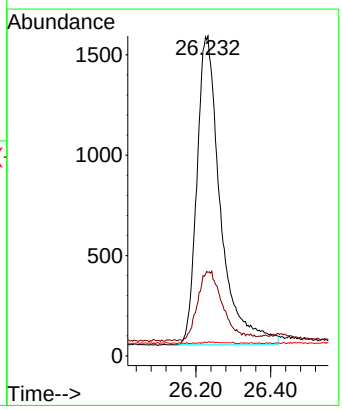


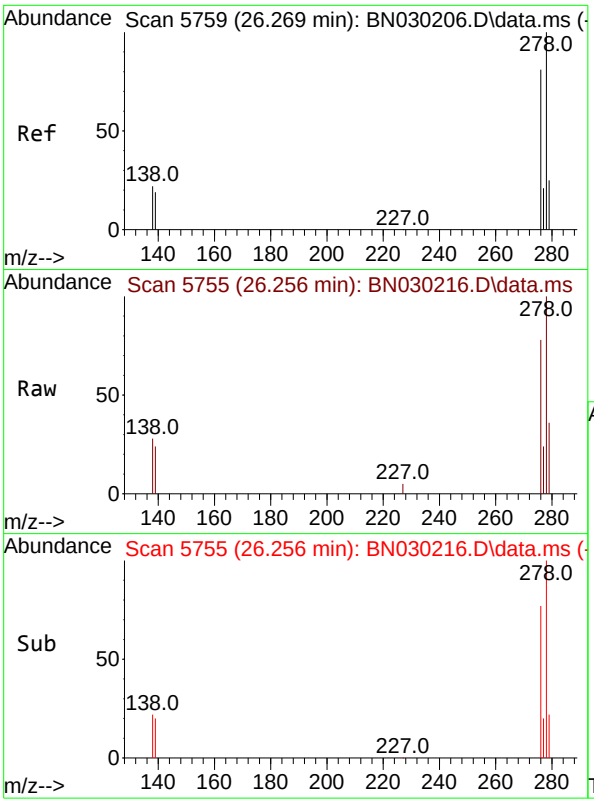


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.232 min Scan# 5748
Delta R.T. -0.017 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:276 Resp: 6717

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.9	31.3
227	0.4	0.1	0.1#



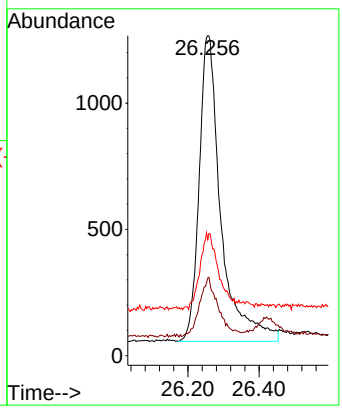


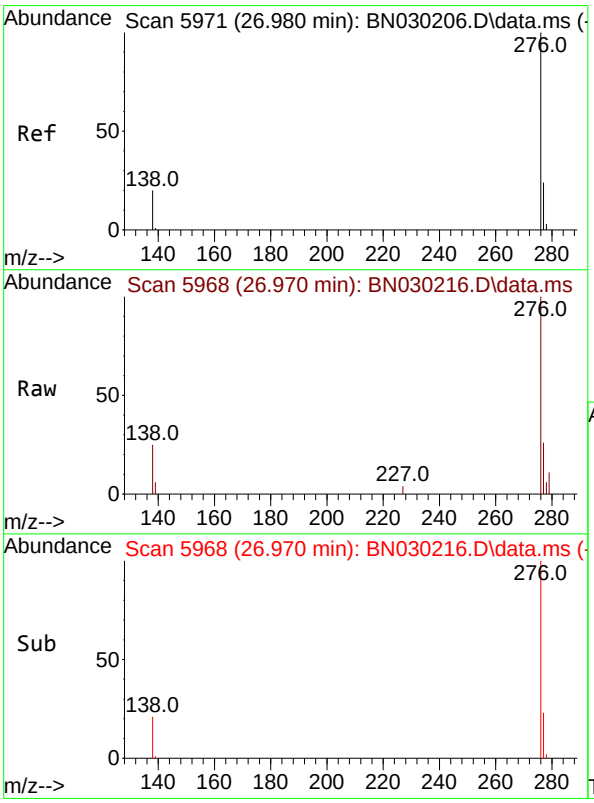
#28
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 26.256 min Scan# 5
Delta R.T. -0.031 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
E0S96MSD

Tgt Ion:278 Resp: 5134

Ion	Ratio	Lower	Upper
278	100		
139	24.3	18.9	28.3
279	36.2	31.8	47.6





#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 26.970 min Scan# 5968
Delta R.T. -0.014 min
Lab File: BN030216.D
Acq: 03 Mar 2024 13:22

Tgt Ion:276 Resp: 6034

Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.6	33.8
277	26.1	21.9	32.9