Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029676.D
Acq On : 11 Feb 2024 09:53
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Quant Time: Feb 11 23:25:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.880	152	5633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.678	136	15643	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.520	164	6784	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	12261	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	8918	0.400	ng/ul	0.00
23) Perylene-d12	23.843	264	8717	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	3297	0.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	8734	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	11207	0.382	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	3468	0.454	ng/ul	98
5) Naphthalene	10.727	128	19343	0.439	ng/ul	99
7) 2-Methylnaphthalene	12.344	142	10932	0.433	ng/ul	99
8) 1-Methylnaphthalene	12.564	142	11180	0.435	ng/ul	99
10) Acenaphthylene	14.243	152	14196	0.429	ng/ul	100
11) Acenaphthene	14.580	153	10914	0.434	ng/ul	99
12) Fluorene	15.575	166	11193	0.425	ng/ul	99
14) Pentachlorophenol	16.917	266	1279	0.468	ng/ul#	48
15) Phenanthrene	17.314	178	16204	0.423	ng/ul	100
16) Anthracene	17.407	178	13891	0.431	ng/ul	99
19) Fluoranthene	19.336	202	16592	0.405	ng/ul	98
20) Pyrene	19.699	202	16943	0.404	ng/ul	99
21) Benzo(a)anthracene	21.455	228	13139	0.409	ng/ul	100
22) Chrysene	21.508	228	14928	0.424	ng/ul	99
24) Benzo(b)fluoranthene	23.118	252	14693	0.448	ng/ul	97
25) Benzo(k)fluoranthene	23.168	252	16065	0.442	ng/ul	97
26) Benzo(a)pyrene	23.738	252	13356	0.433	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.295	276	16954	0.453	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.322	278	13134	0.447	ng/ul	98
29) Benzo(g,h,i)perylene	27.036	276	15706	0.462	ng/ul	99

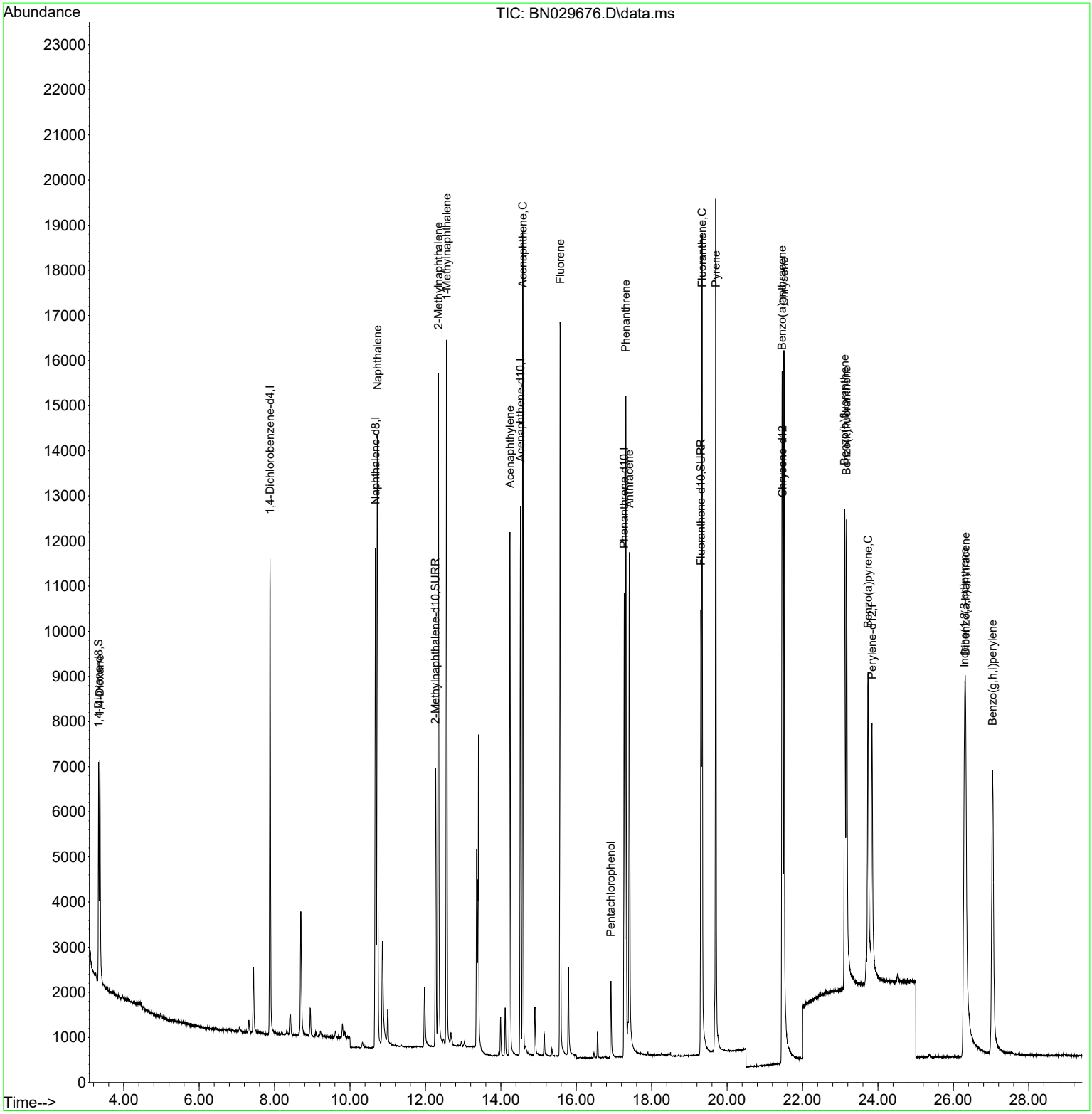
(#) = qualifier out of range (m) = manual integration (+) = signals summed

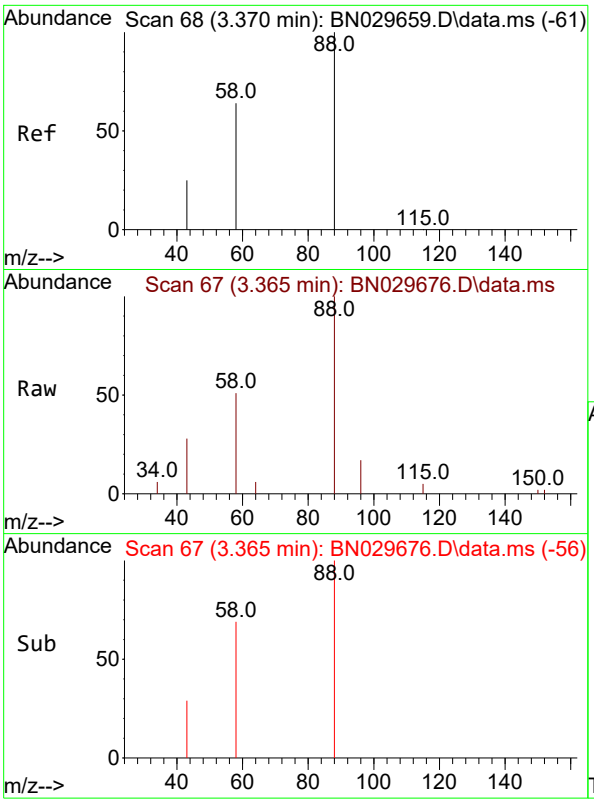
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021124\
Data File : BN029676.D
Acq On : 11 Feb 2024 09:53
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Quant Time: Feb 11 23:25:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Feb 11 23:18:17 2024
Response via : Initial Calibration



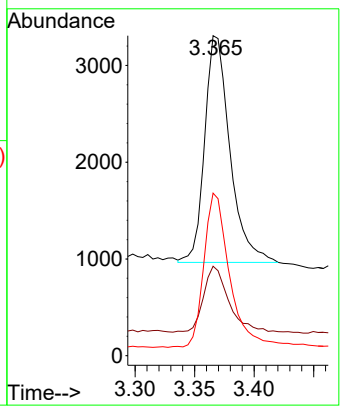


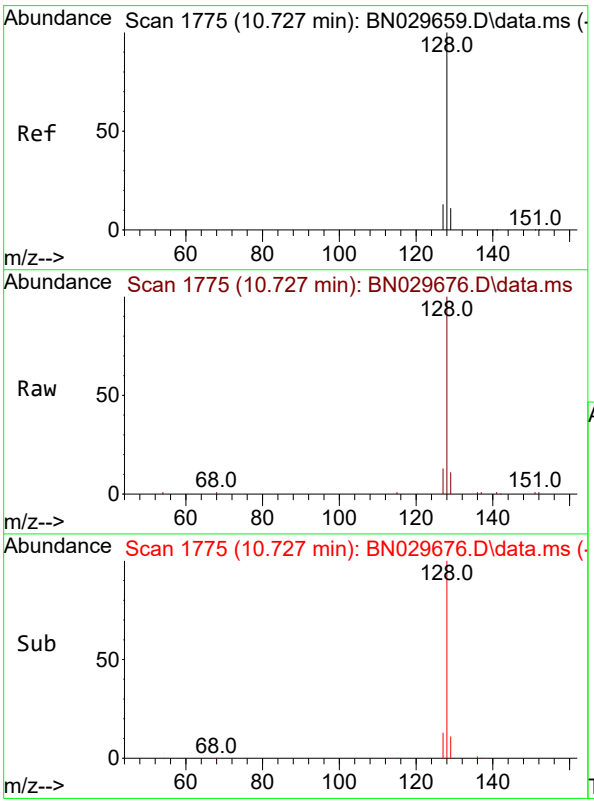
#2
1,4-Dioxane
Concen: 0.454 ng/ul
RT: 3.365 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion: 88 Resp: 3468

Ion	Ratio	Lower	Upper
88	100		
43	27.9	21.8	32.6
58	50.8	39.3	58.9

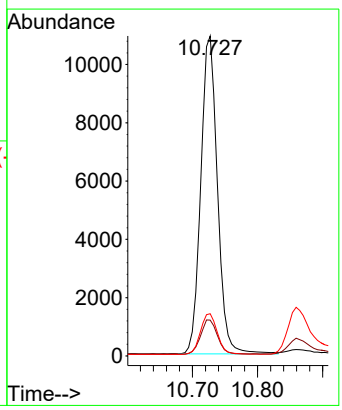


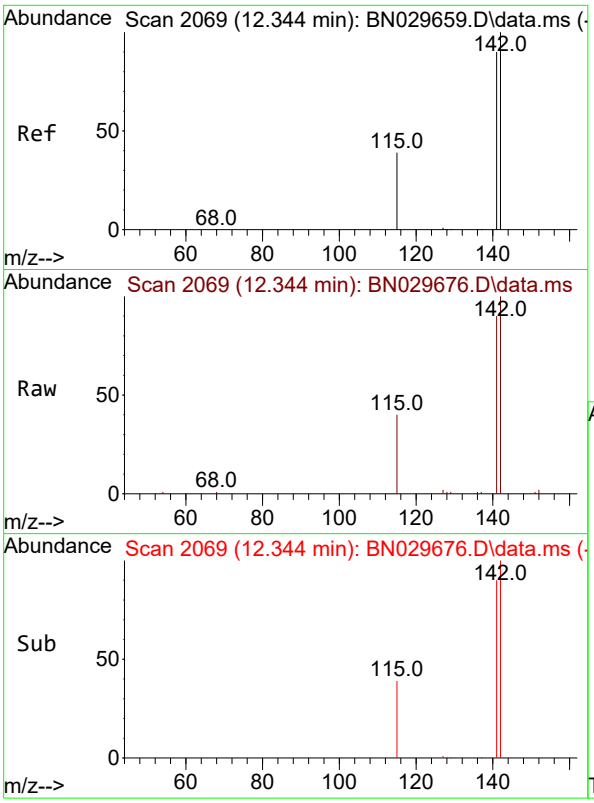


#5
Naphthalene
Concen: 0.439 ng/ul
RT: 10.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:128 Resp: 19343

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	11.0	16.6



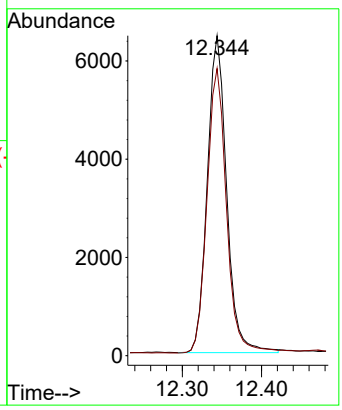


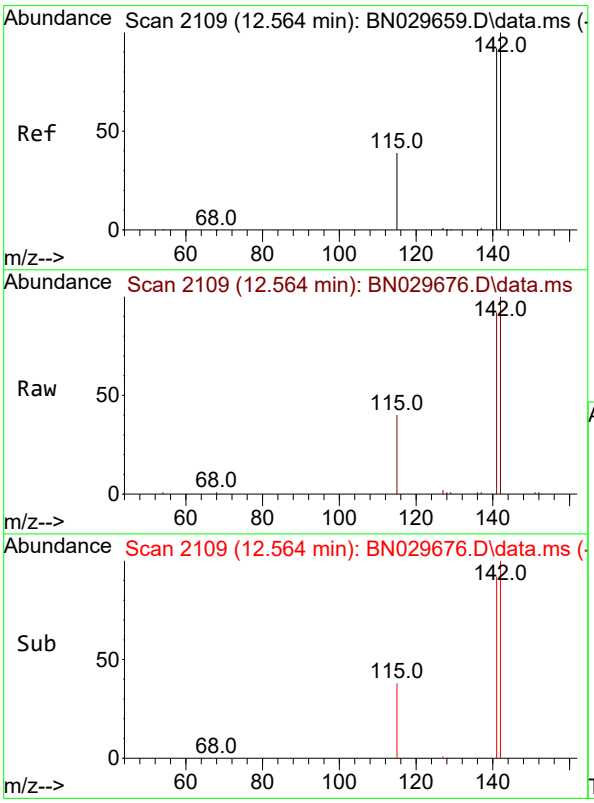
#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.344 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:142 Resp: 10932

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.5	107.3

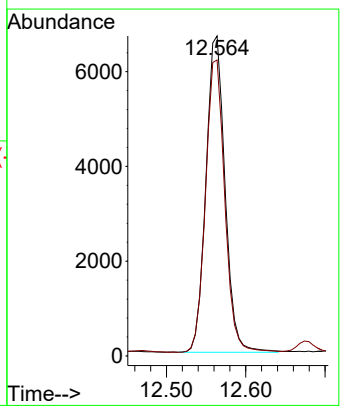


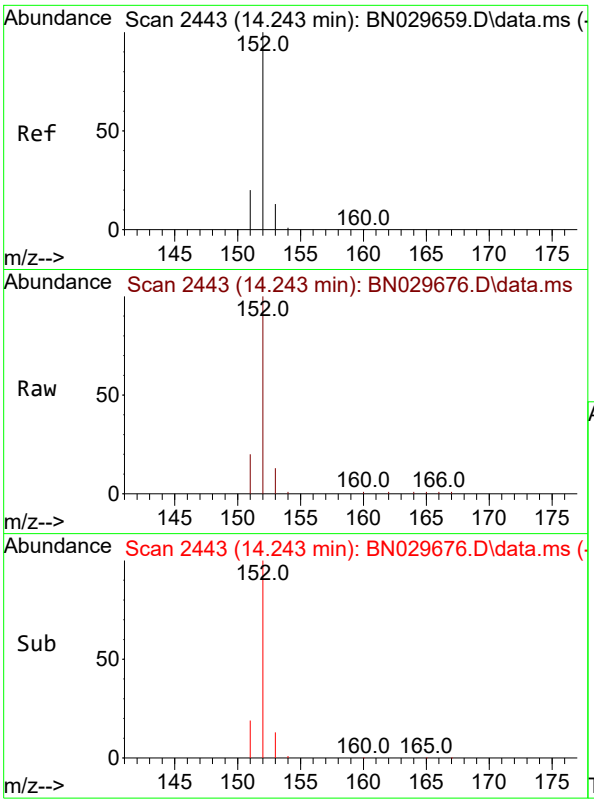


#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.564 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:142 Resp: 11180

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9



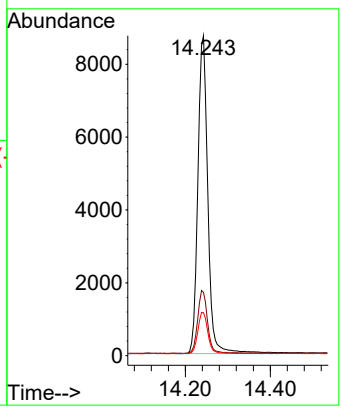


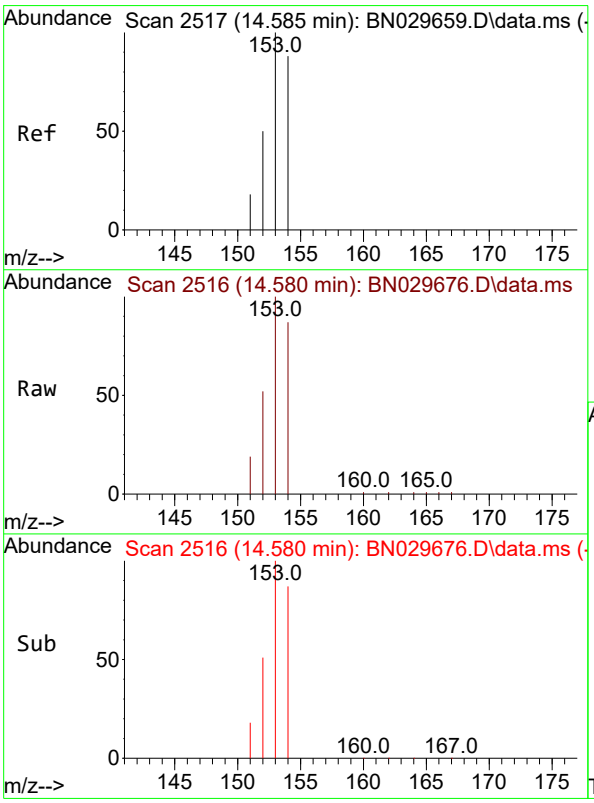
#10
Acenaphthylene
Concen: 0.429 ng/ul
RT: 14.243 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:152 Resp: 14196

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.5	10.9	16.3

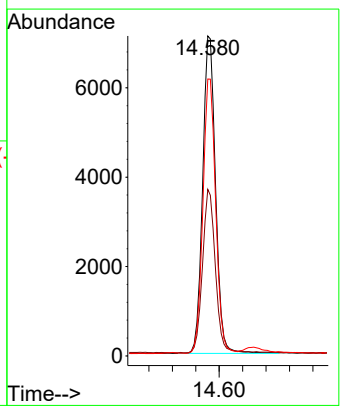


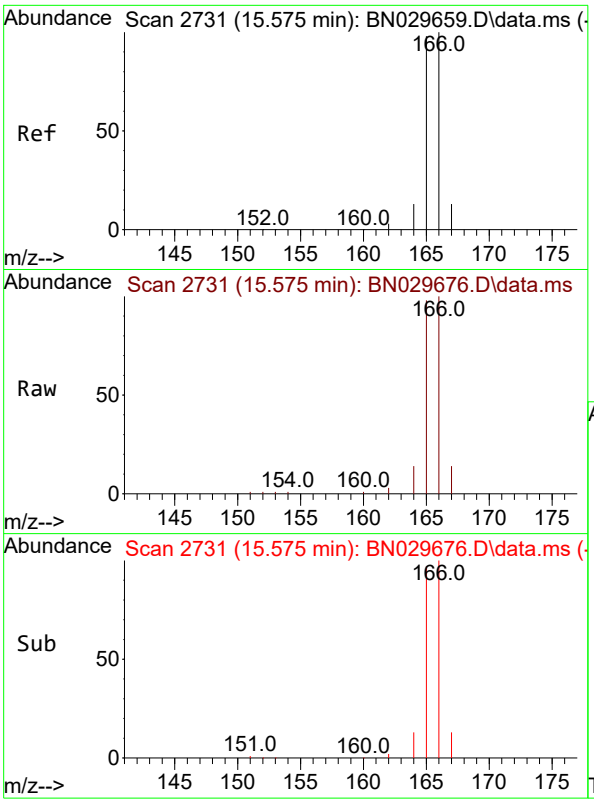


#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.580 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:153 Resp: 10914

Ion	Ratio	Lower	Upper
153	100		
152	52.0	41.5	62.3
154	86.5	70.9	106.3



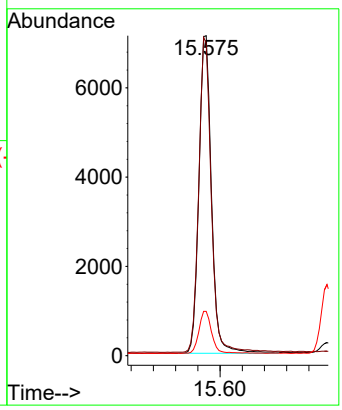


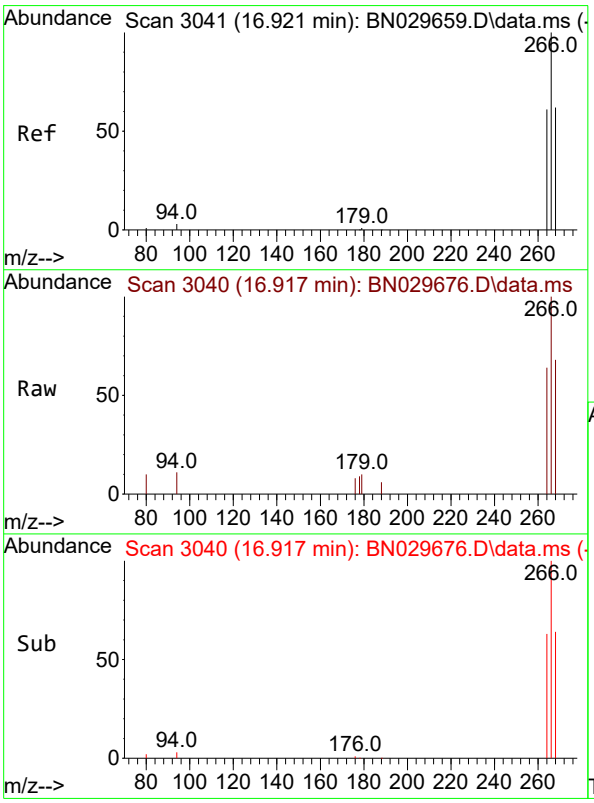
#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.575 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:166 Resp: 11193

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.6	117.8
167	13.8	11.5	17.3

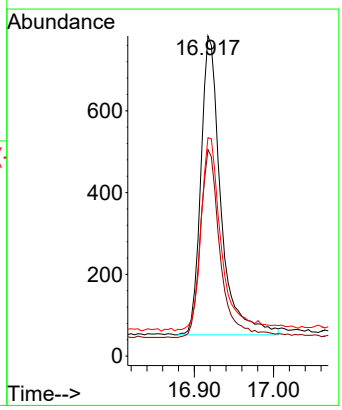


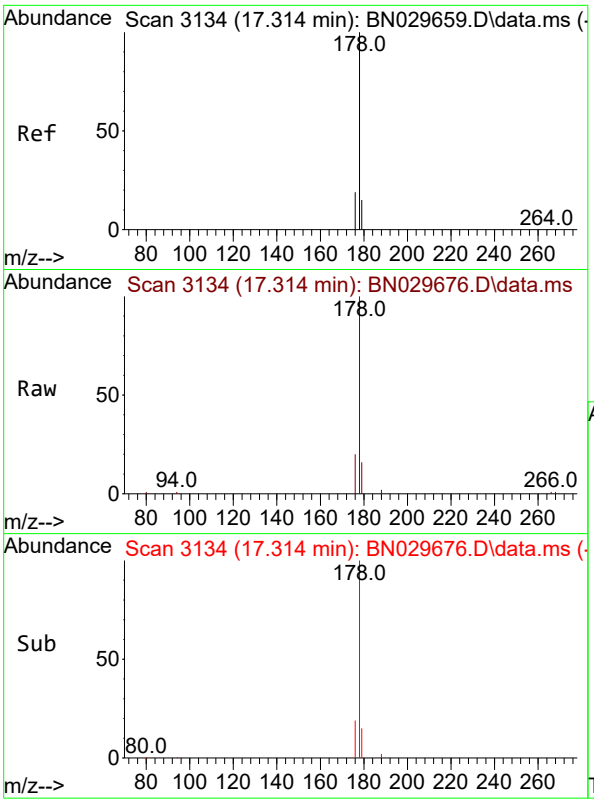


#14
Pentachlorophenol
Concen: 0.468 ng/ul
RT: 16.917 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:266 Resp: 1279

Ion	Ratio	Lower	Upper
266	100		
264	62.4	0.0	0.0#
268	66.5	0.2	0.2#



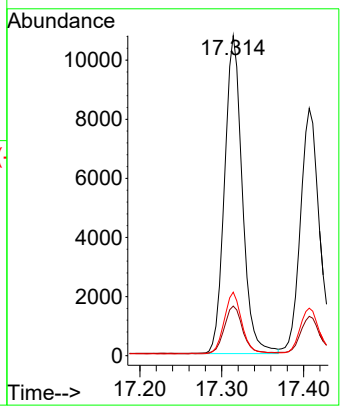


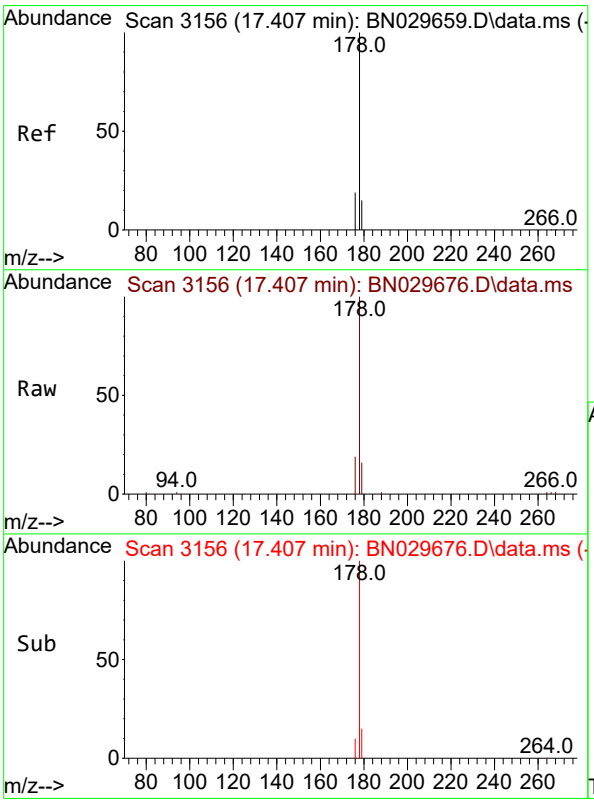
#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.314 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:178 Resp: 16204

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.8	15.7	23.5

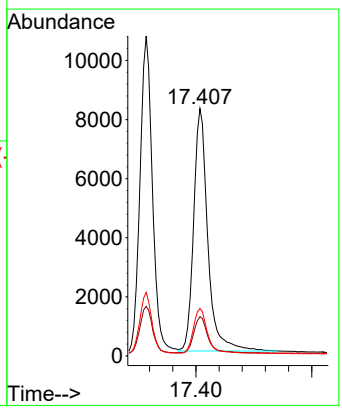


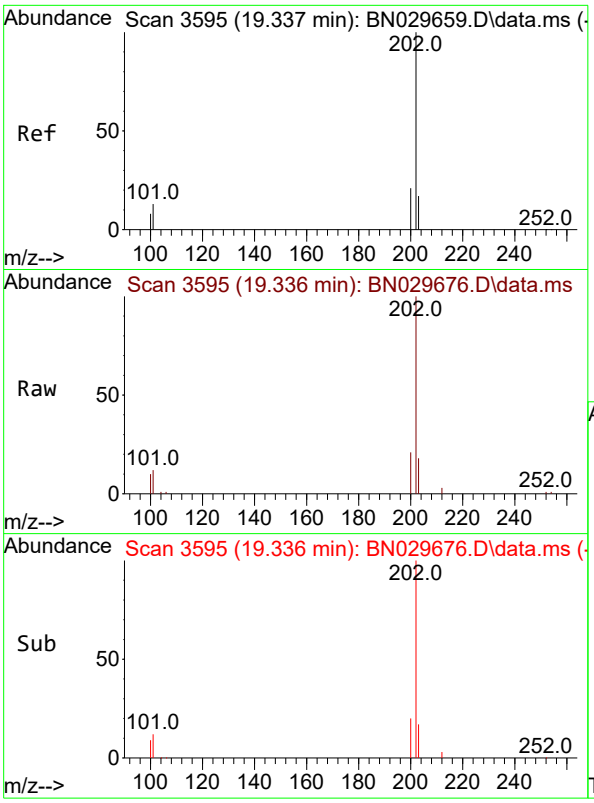


#16
Anthracene
Concen: 0.431 ng/ul
RT: 17.407 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:178 Resp: 13891

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.2	15.8	23.8



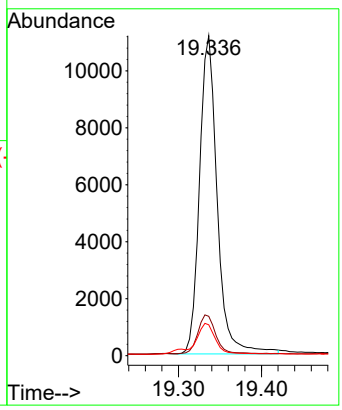


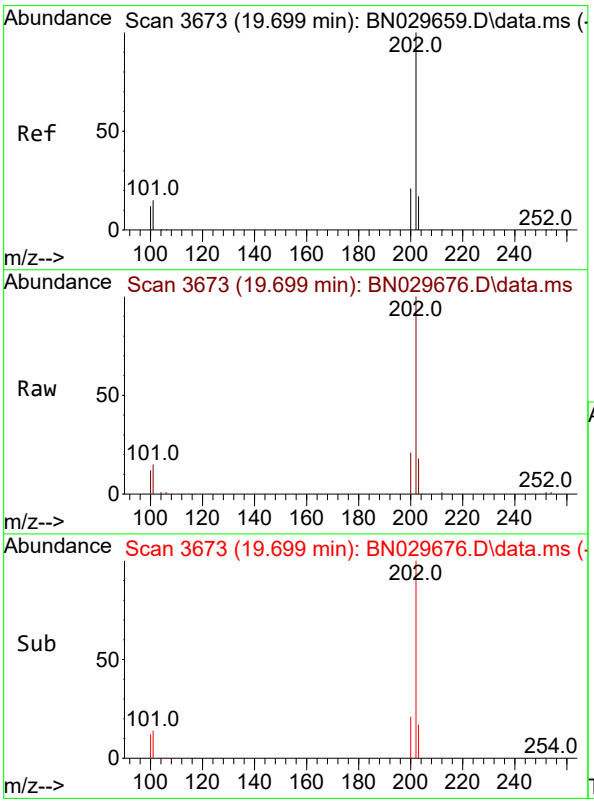
#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.336 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:202 Resp: 16592

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.4	15.6
100	9.7	8.5	12.7

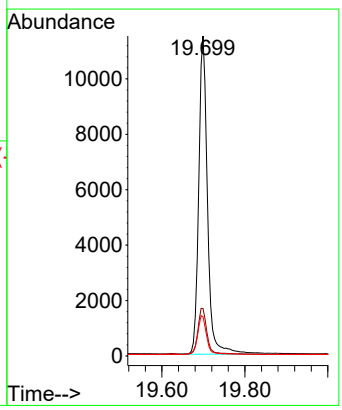


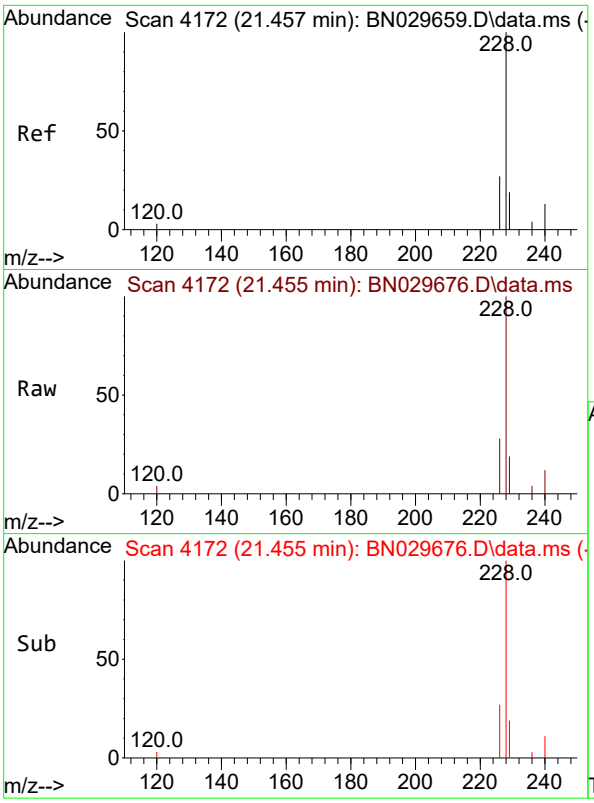


#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:202 Resp: 16943

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.5	18.7
100	12.3	10.0	15.0





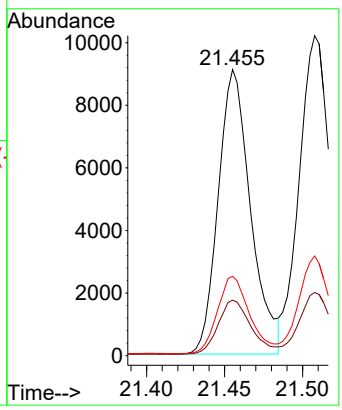
#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.455 min Scan# 4

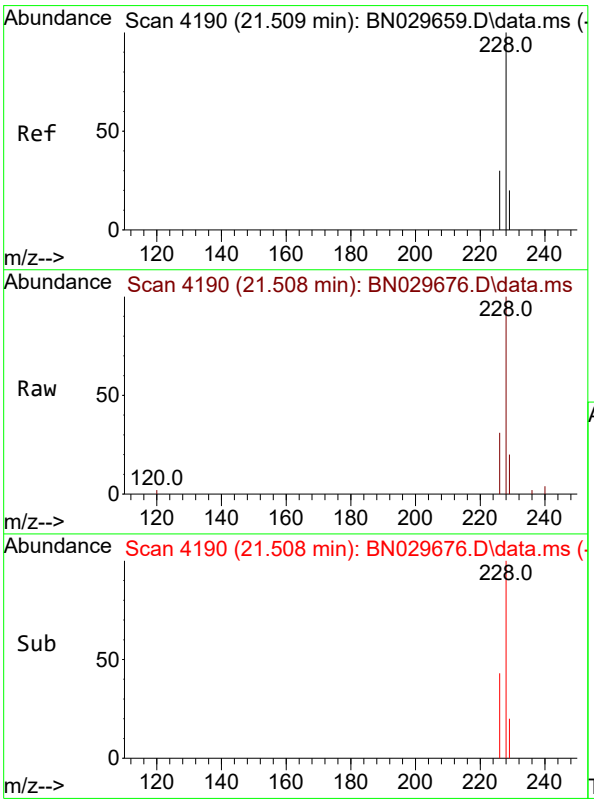
Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Delta R.T. -0.002 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:228 Resp: 13139

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.7	22.2	33.4

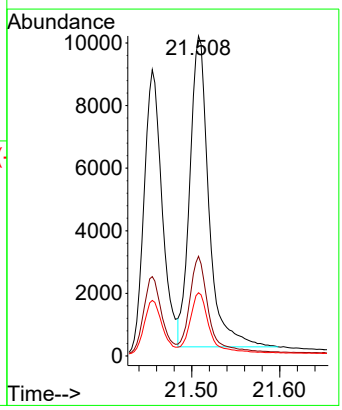


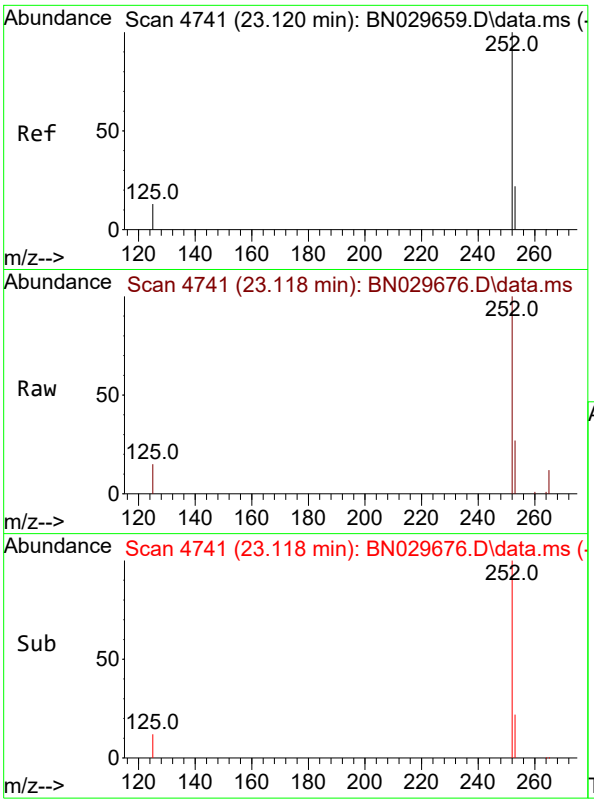


#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:228 Resp: 14928

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	19.7	15.7	23.5



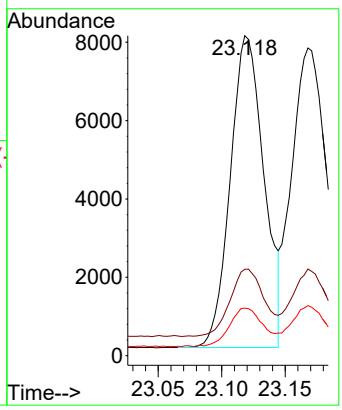


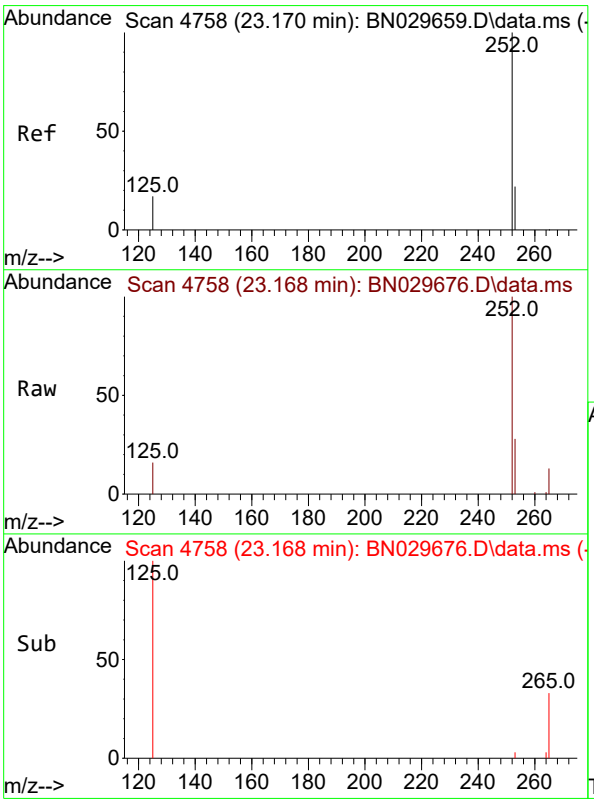
#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 23.118 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:252 Resp: 14693

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	56.8
125	14.8	0.0	32.4

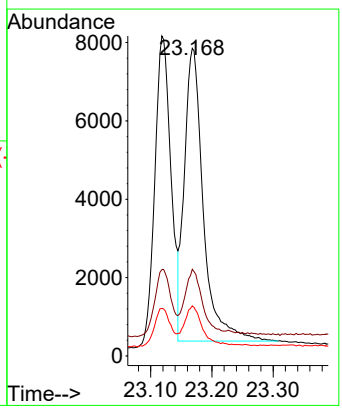


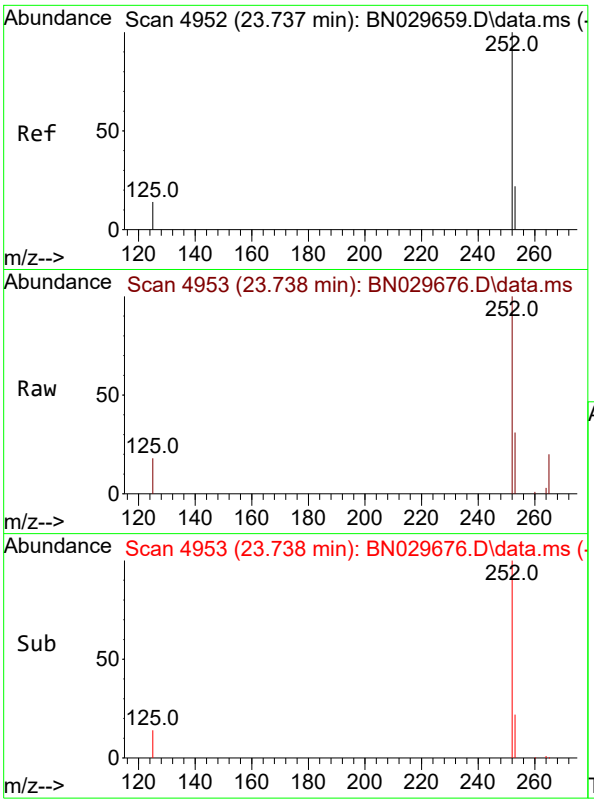


#25
Benzo(k)fluoranthene
Concen: 0.442 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.002 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:252 Resp: 16065

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.6	33.8
125	16.3	15.3	22.9



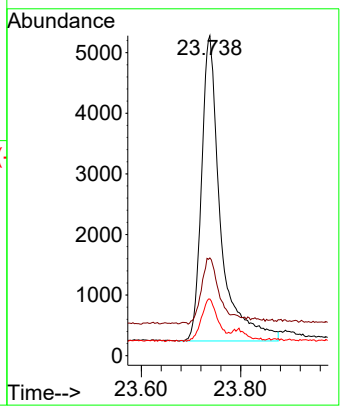


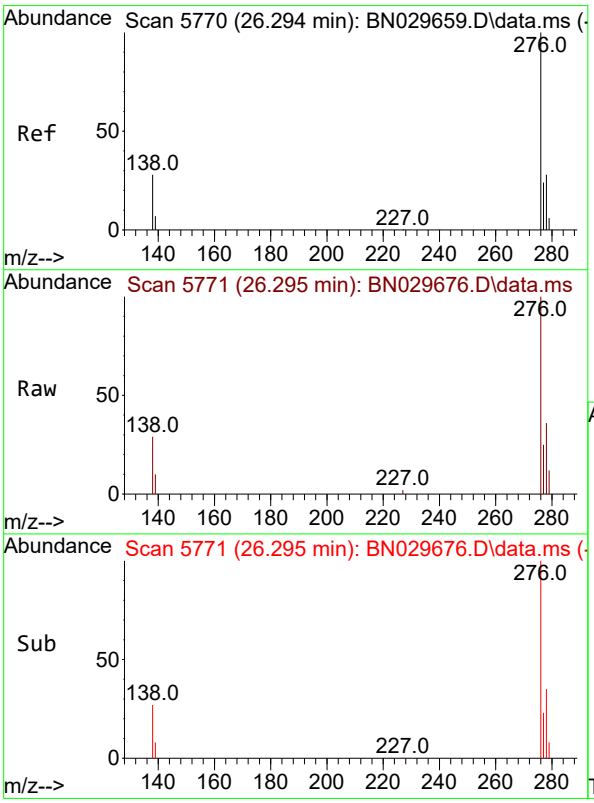
#26
Benzo(a)pyrene
Concen: 0.433 ng/ul
RT: 23.738 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:252 Resp: 13356

Ion	Ratio	Lower	Upper
252	100		
253	30.5	25.4	38.0
125	17.7	16.0	24.0

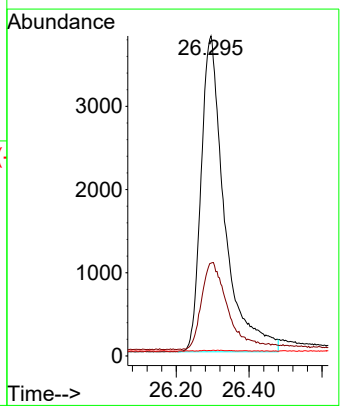


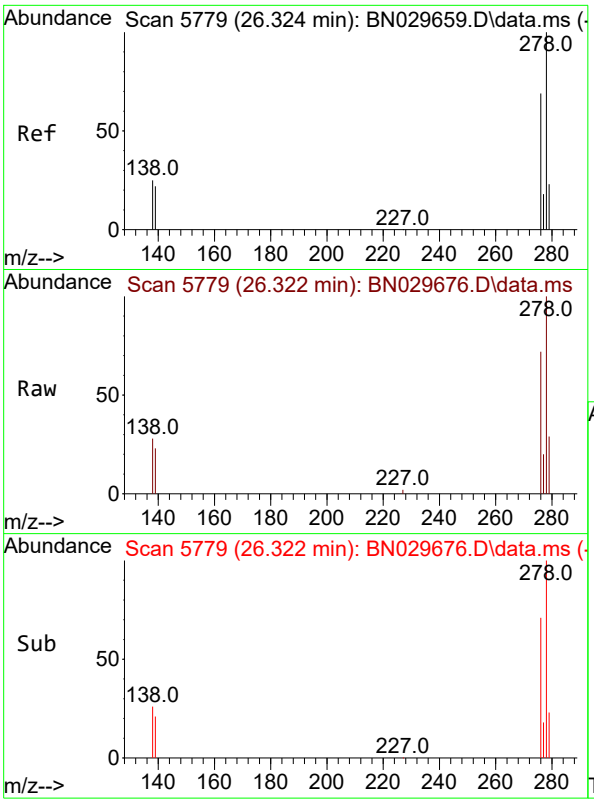


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. 0.002 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:276 Resp: 16954

Ion	Ratio	Lower	Upper
276	100		
138	31.6	0.0	0.0#
227	0.1	0.0	0.0#



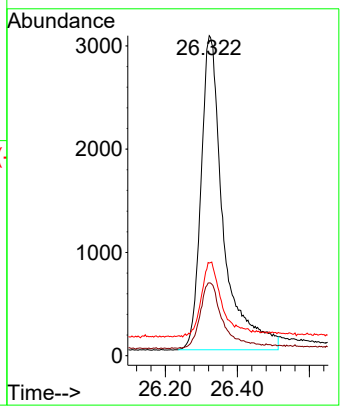


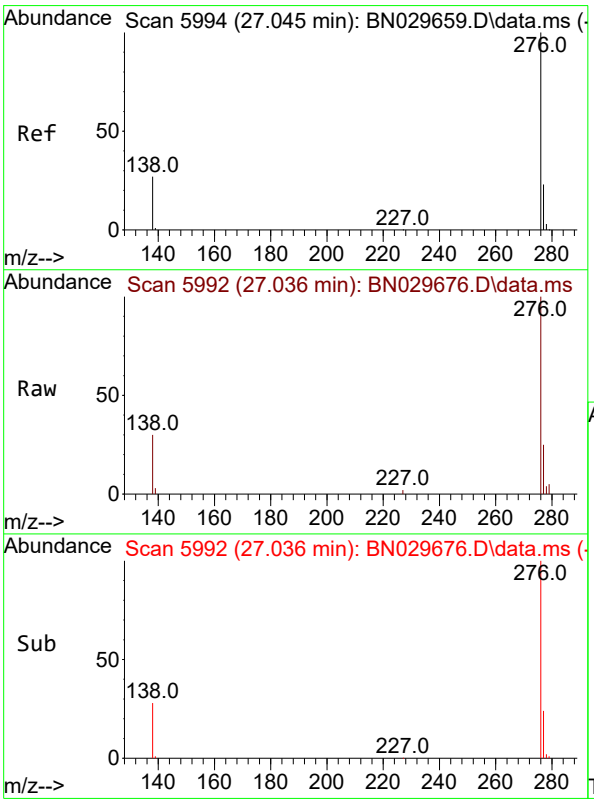
#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.322 min Scan# 5
Delta R.T. -0.002 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4342

Tgt Ion:278 Resp: 13134

Ion	Ratio	Lower	Upper
278	100		
139	22.7	19.0	28.4
279	28.9	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 27.036 min Scan# 5992
Delta R.T. -0.009 min
Lab File: BN029676.D
Acq: 11 Feb 2024 09:53

Tgt Ion:276 Resp: 15706

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.6	37.0
277	24.8	19.7	29.5