Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026666.D
Acq On : 22 Jul 2023 22:14
Operator : MA/JU
Sample : 03504-22MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Quant Time: Jul 22 23:33:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	5689	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	18366	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.467	164	10219	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	20605	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.411	240	12050	0.400	ng/ul	-0.01
23) Perylene-d12	23.784	264	11709	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1225	0.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	3893	0.156	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	5592	0.134	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.237	88	4887	0.689	ng/ul#	1
5) Naphthalene	10.680	128	11121	0.221	ng/ul	98
7) 2-Methylnaphthalene	12.297	142	6243	0.218	ng/ul	99
8) 1-Methylnaphthalene	12.511	142	6599	0.215	ng/ul	98
10) Acenaphthylene	14.189	152	8931	0.178	ng/ul	97
11) Acenaphthene	14.532	153	9913	0.260	ng/ul	99
12) Fluorene	15.522	166	11457	0.286	ng/ul	99
14) Pentachlorophenol	16.886	266	162	0.031	ng/ul#	90
15) Phenanthrene	17.257	178	70432	1.073	ng/ul	97
16) Anthracene	17.354	178	8243	0.145	ng/ul	99
19) Fluoranthene	19.278	202	99120	1.755	ng/ul	99
20) Pyrene	19.641	202	15501	0.253	ng/ul	98
21) Benzo(a)anthracene	21.393	228	30267	0.684	ng/ul	99
22) Chrysene	21.446	228	32361	0.642	ng/ul	96
24) Benzo(b)fluoranthene	23.059	252	34360	0.753	ng/ul	89
25) Benzo(k)fluoranthene	23.106	252	21841	0.457	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.241	276	6292	0.118	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.244	278	11661	0.285	ng/ul#	89

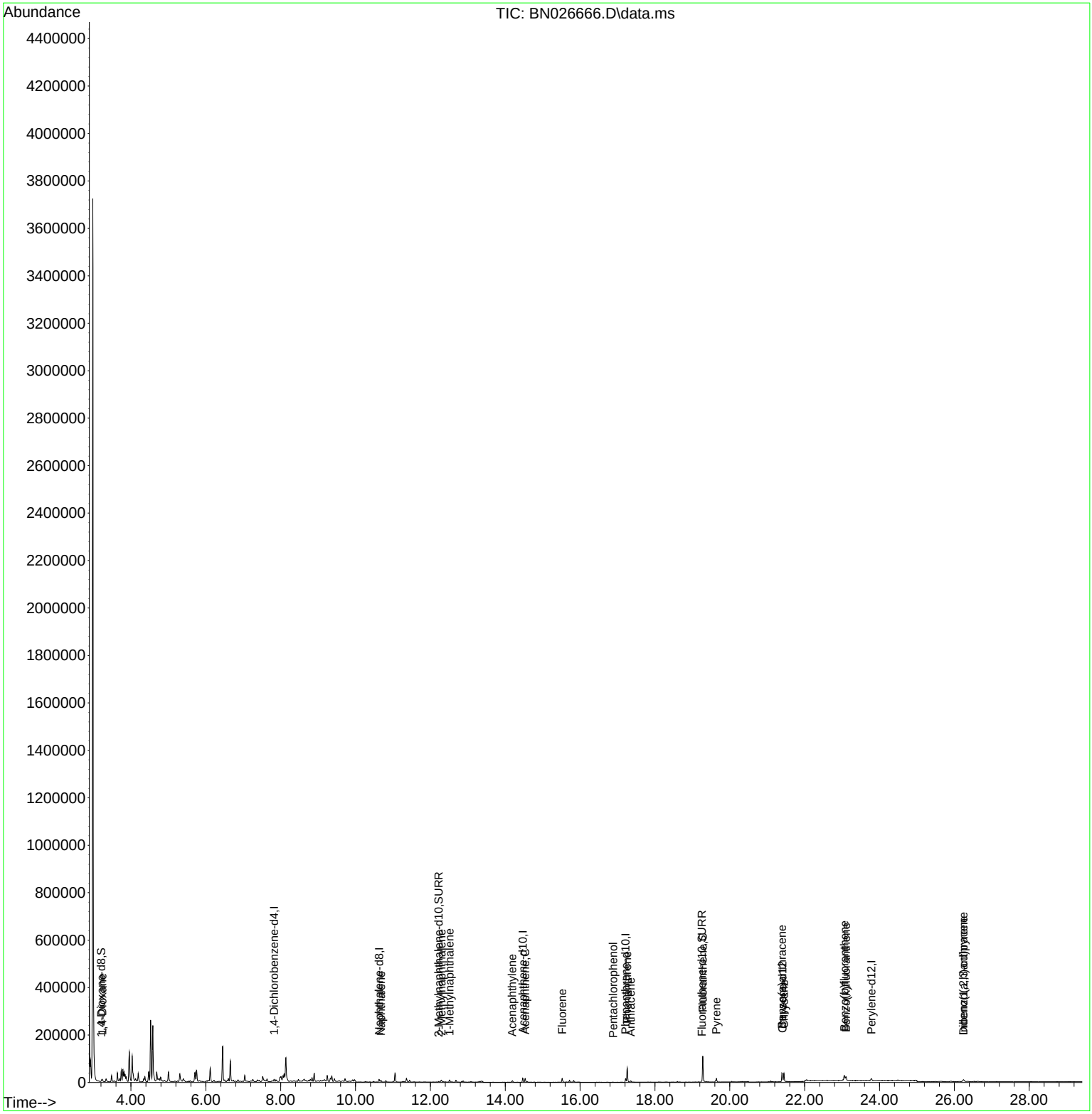
(#) = qualifier out of range (m) = manual integration (+) = signals summed

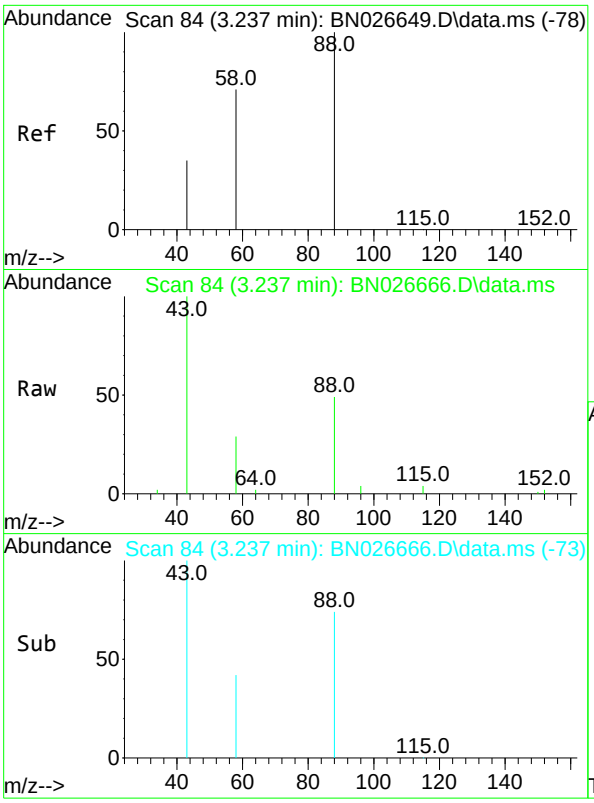
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026666.D
Acq On : 22 Jul 2023 22:14
Operator : MA/JU
Sample : 03504-22MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Quant Time: Jul 22 23:33:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration



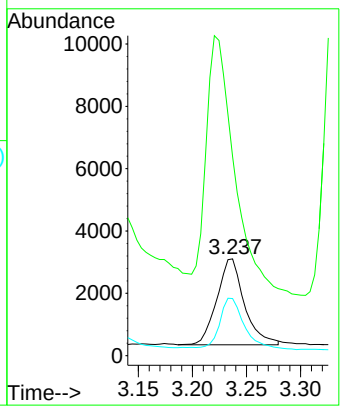


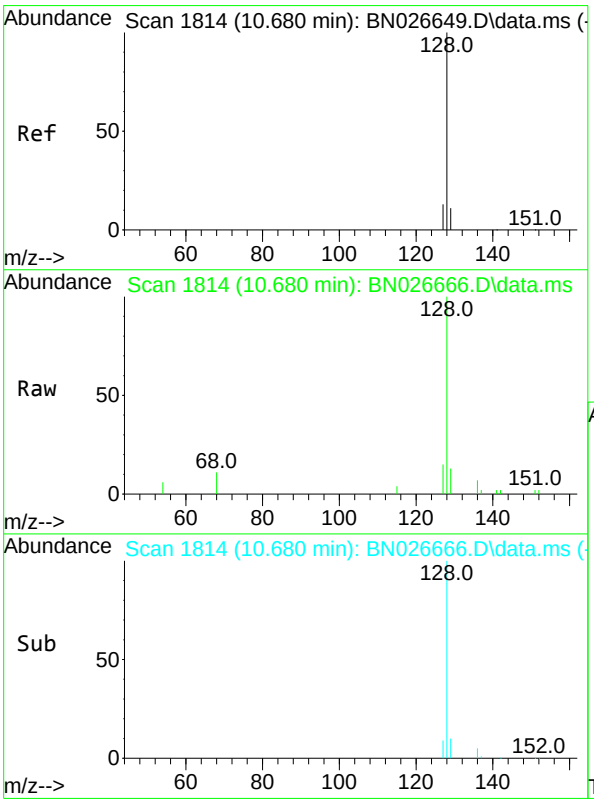
#2
1,4-Dioxane
Concen: 0.689 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.004 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion: 88 Resp: 4887

Ion	Ratio	Lower	Upper
88	100		
43	205.7	33.0	49.6#
58	59.0	41.7	62.5

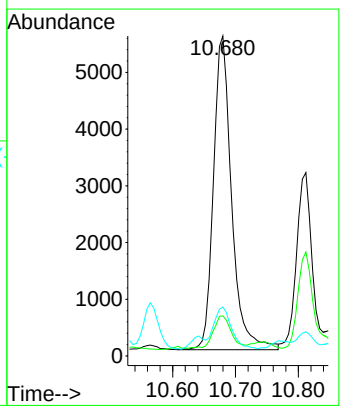


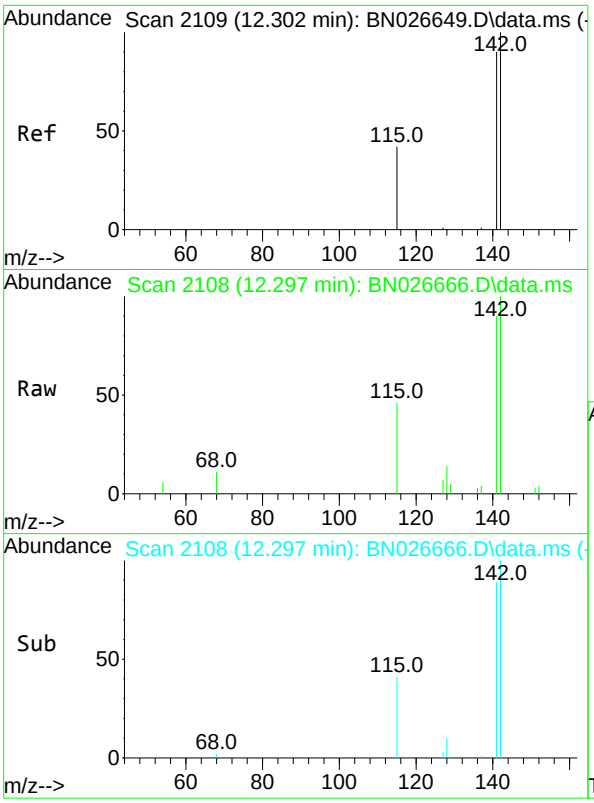


#5
Naphthalene
Concen: 0.221 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:128 Resp: 11121

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.2	15.2
127	15.3	11.4	17.0



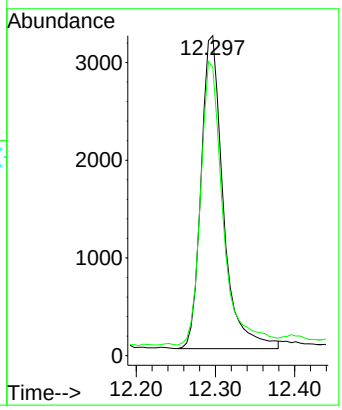


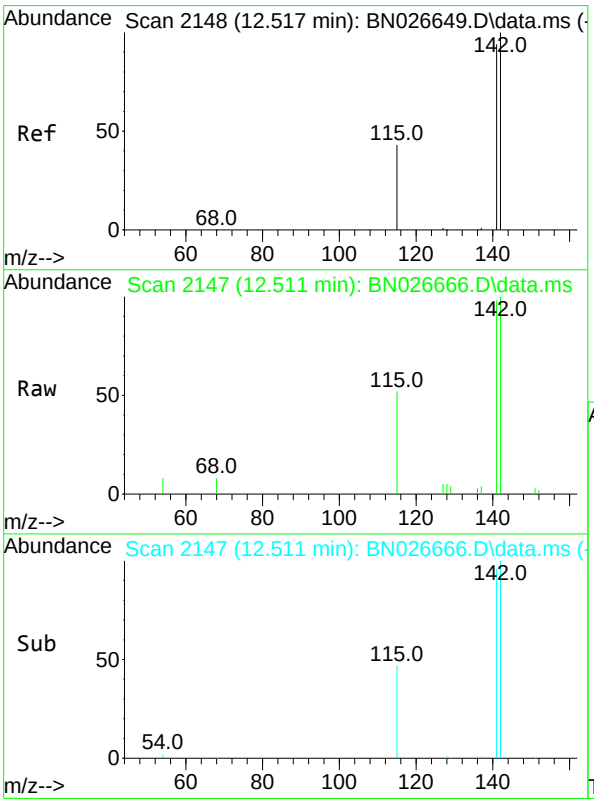
#7
2-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.297 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:142 Resp: 6243

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.3	108.5

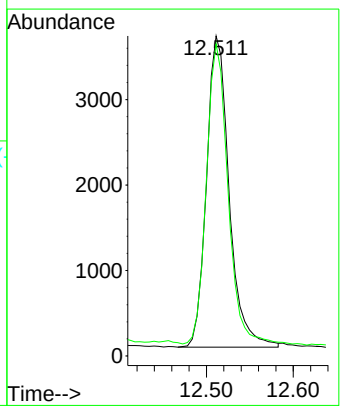


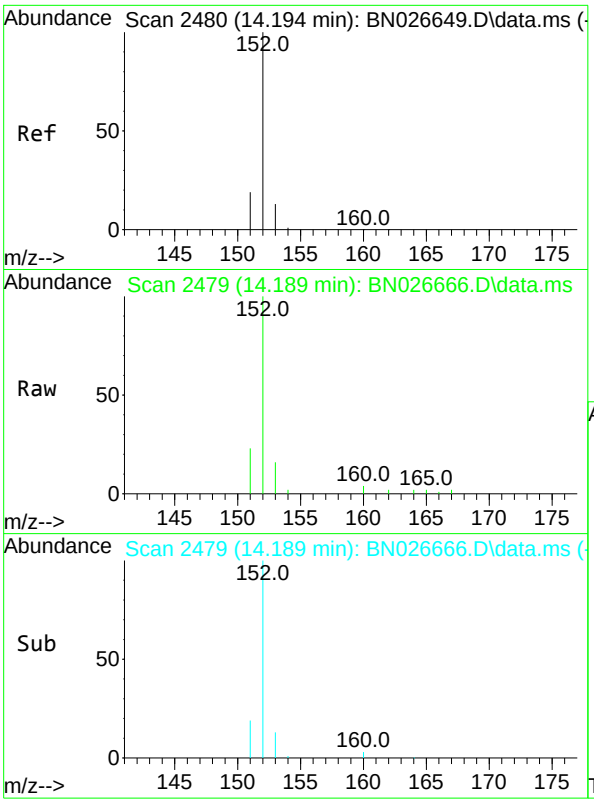


#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:142 Resp: 6599

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.5	111.7



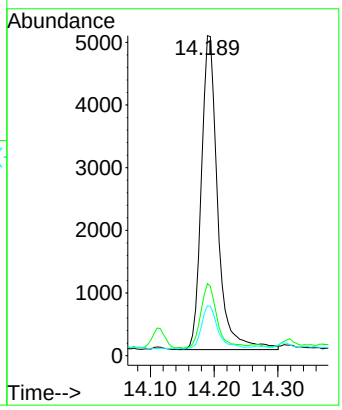


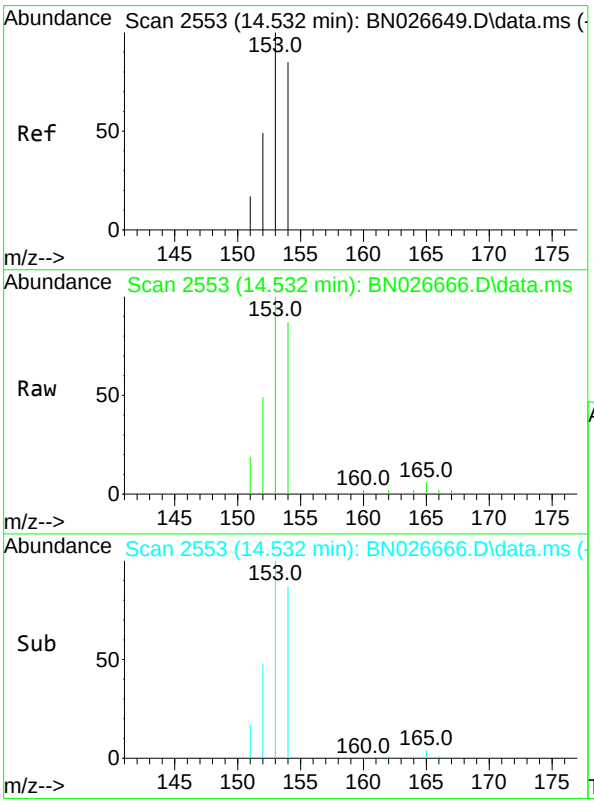
#10
Acenaphthylene
Concen: 0.178 ng/ul
RT: 14.189 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:152 Resp: 8931

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.6
153	15.6	11.4	17.2

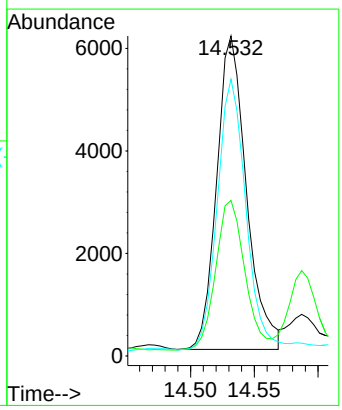


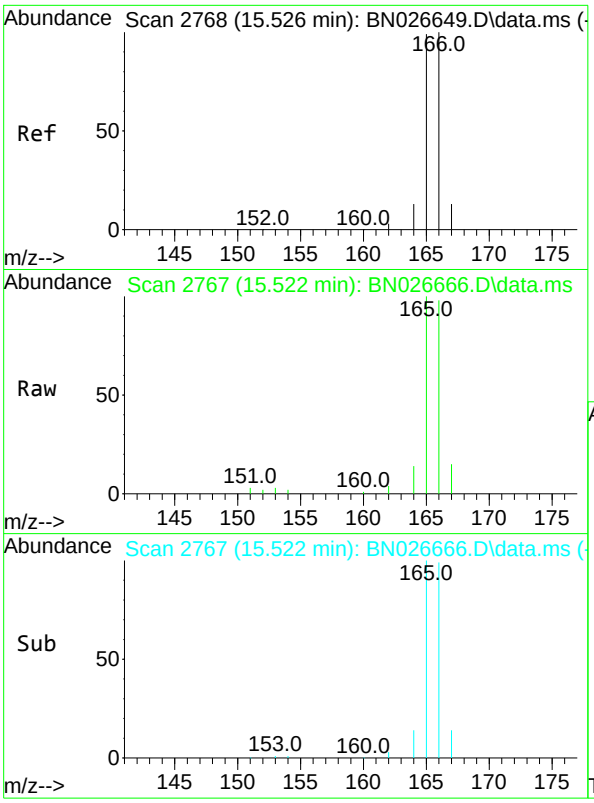


#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:153 Resp: 9913

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.2	60.4
154	86.5	69.3	103.9



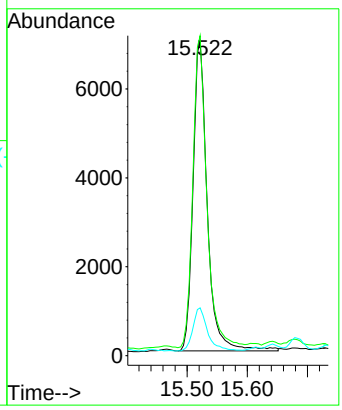


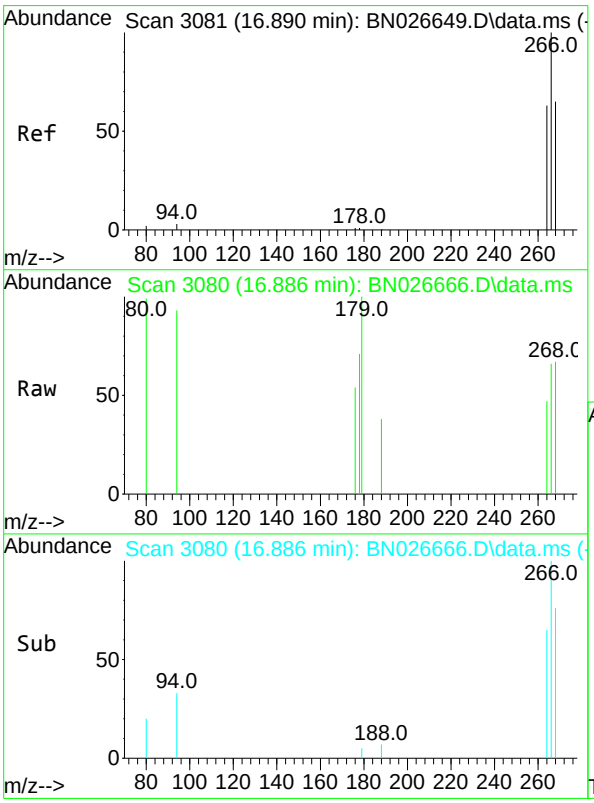
#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.522 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:166 Resp: 11457

Ion	Ratio	Lower	Upper
166	100		
165	101.7	80.6	120.8
167	15.2	12.0	18.0

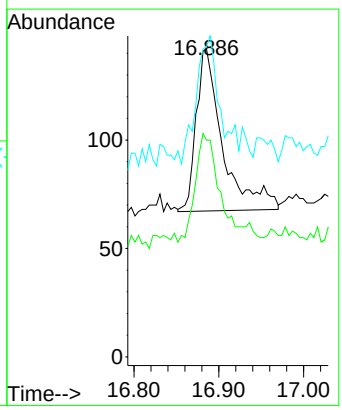


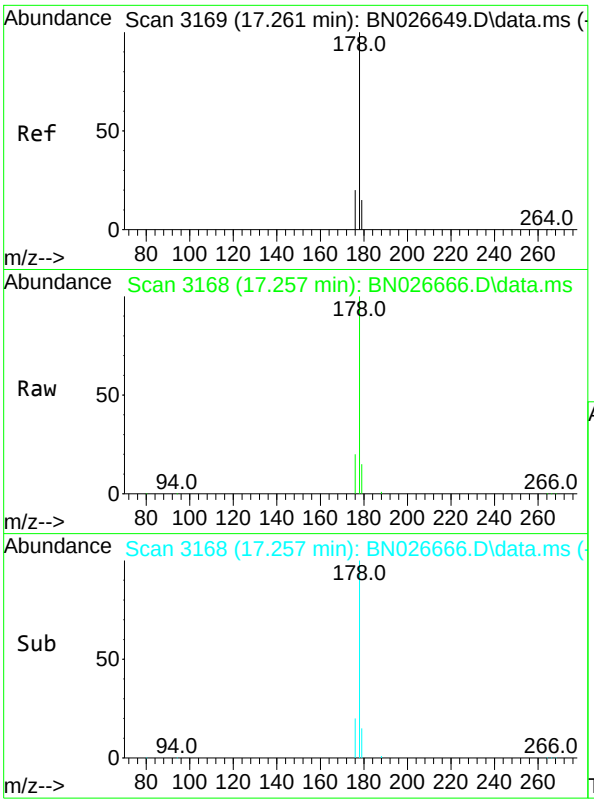


#14
Pentachlorophenol
Concen: 0.031 ng/ul
RT: 16.886 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:266 Resp: 162

Ion	Ratio	Lower	Upper
266	100		
264	66.7	52.0	78.0
268	80.2	53.0	79.6#



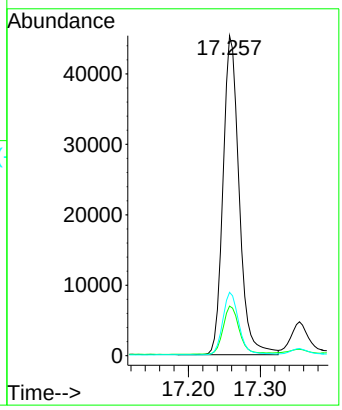


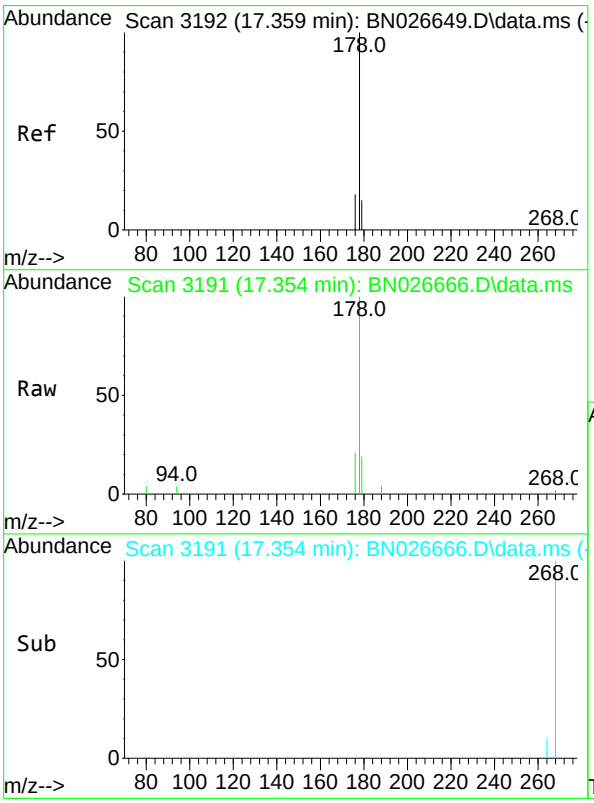
#15
Phenanthrene
Concen: 1.073 ng/ul
RT: 17.257 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:178 Resp: 70432

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.7	20.5
176	19.8	16.5	24.7

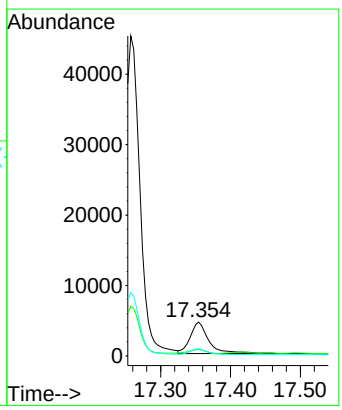


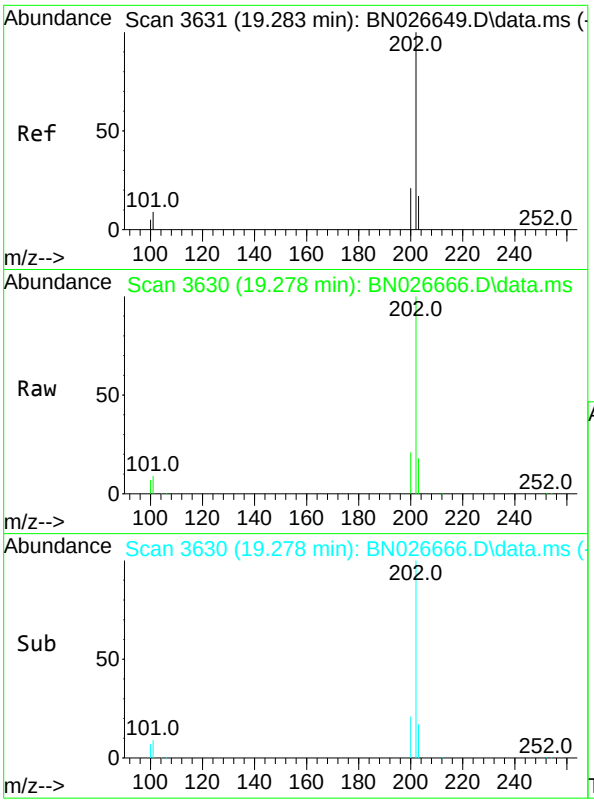


#16
Anthracene
Concen: 0.145 ng/ul
RT: 17.354 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:178 Resp: 8243

Ion	Ratio	Lower	Upper
178	100		
179	18.7	14.8	22.2
176	21.1	16.6	25.0



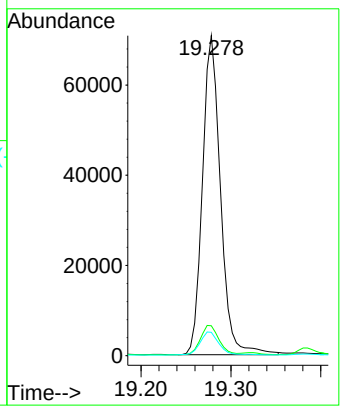


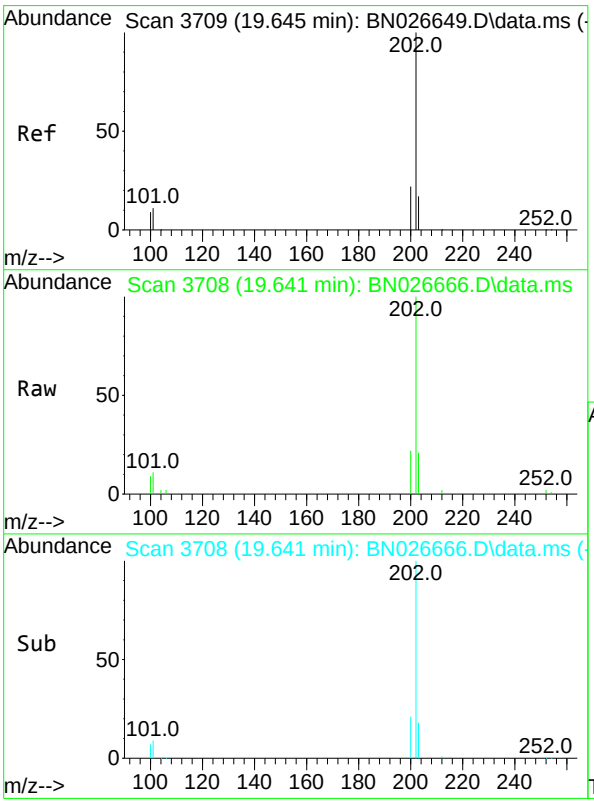
#19
Fluoranthene
Concen: 1.755 ng/ul
RT: 19.278 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:202 Resp: 99120

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.0	10.4
100	7.3	6.0	9.0

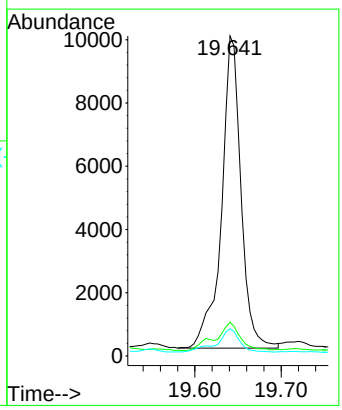


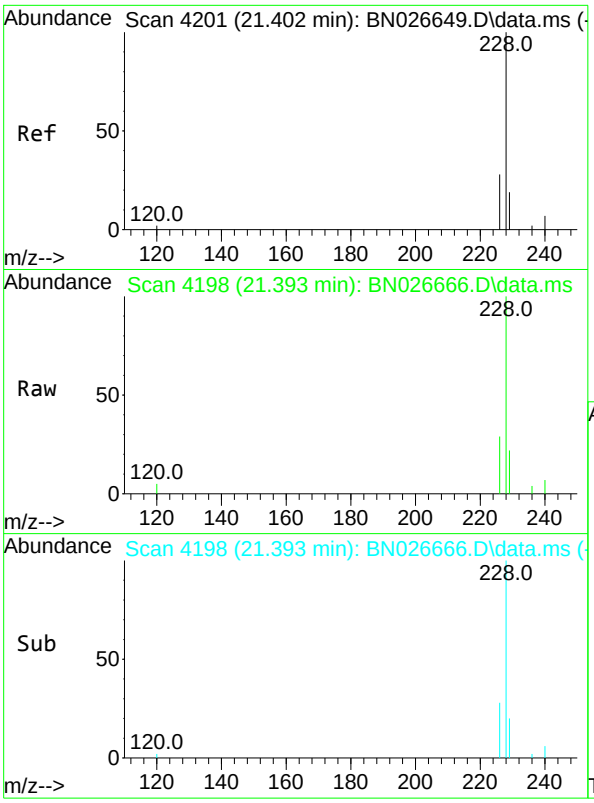


#20
Pyrene
Concen: 0.253 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:202 Resp: 15501

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.0	12.0
100	8.5	6.2	9.2



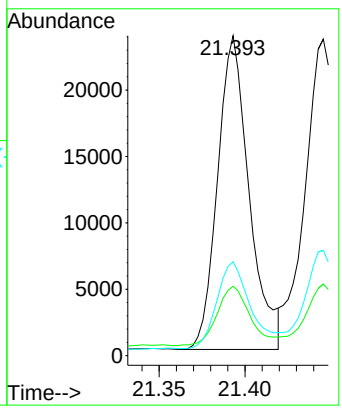


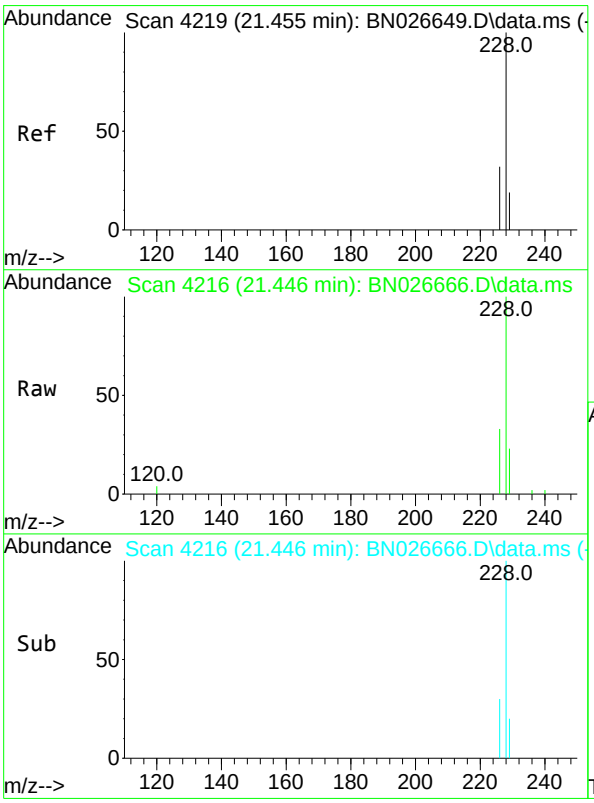
#21
Benzo(a)anthracene
Concen: 0.684 ng/ul
RT: 21.393 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:228 Resp: 30267

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.7	25.1
226	29.4	23.5	35.3

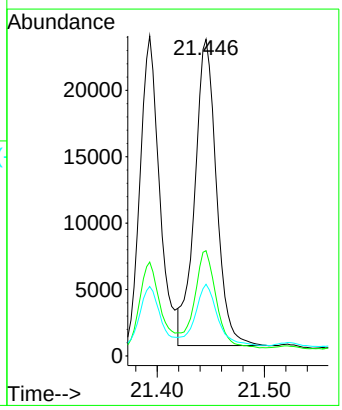


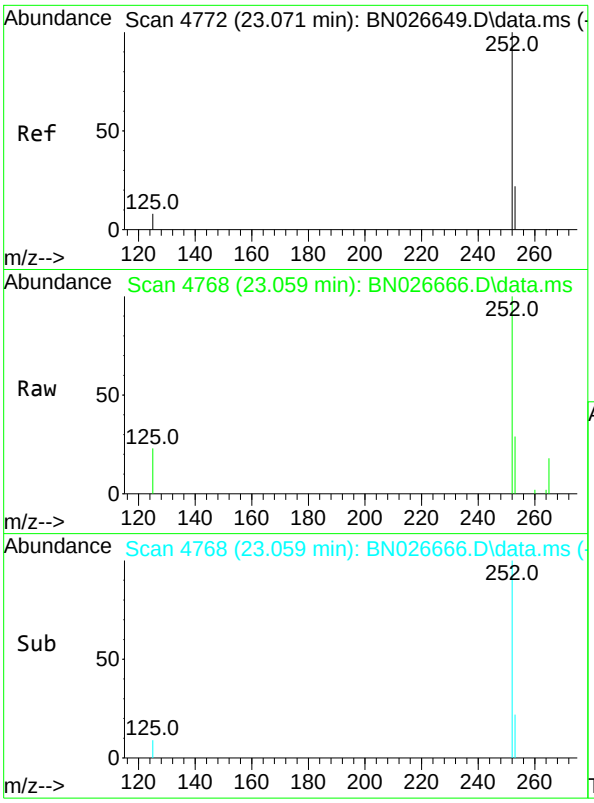


#22
Chrysene
Concen: 0.642 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.018 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:228 Resp: 32361

Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.2	37.8
229	22.6	16.4	24.6



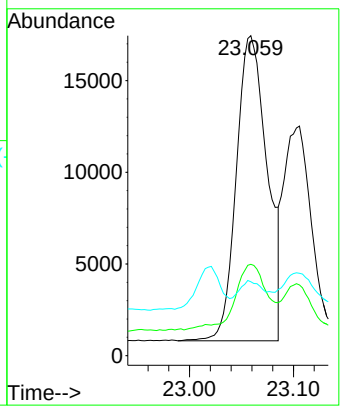


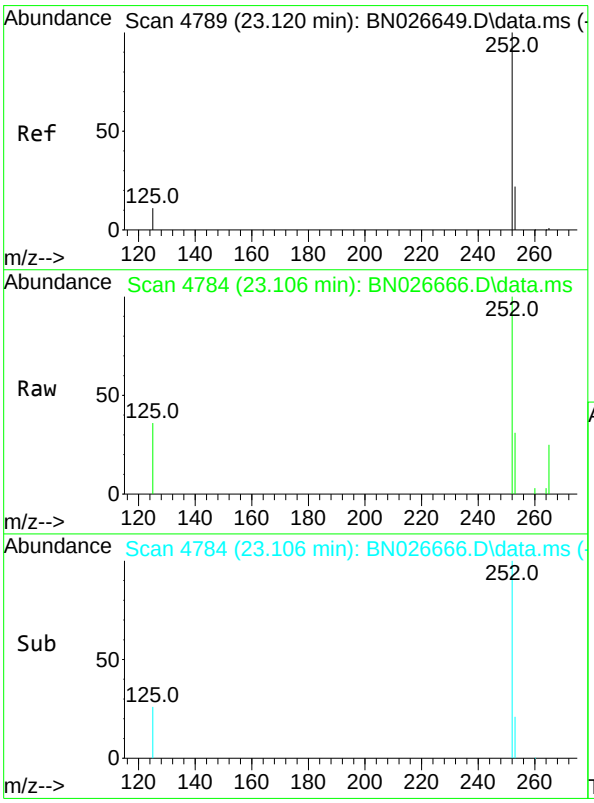
#24
Benzo(b)fluoranthene
Concen: 0.753 ng/ul
RT: 23.059 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:252 Resp: 34360

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	68.6
125	23.1	0.0	34.0

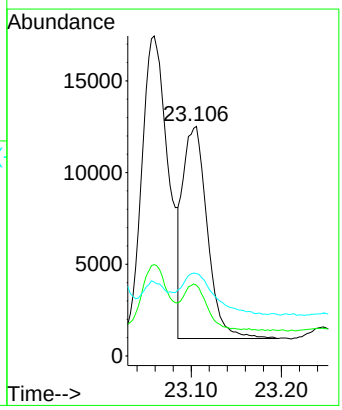


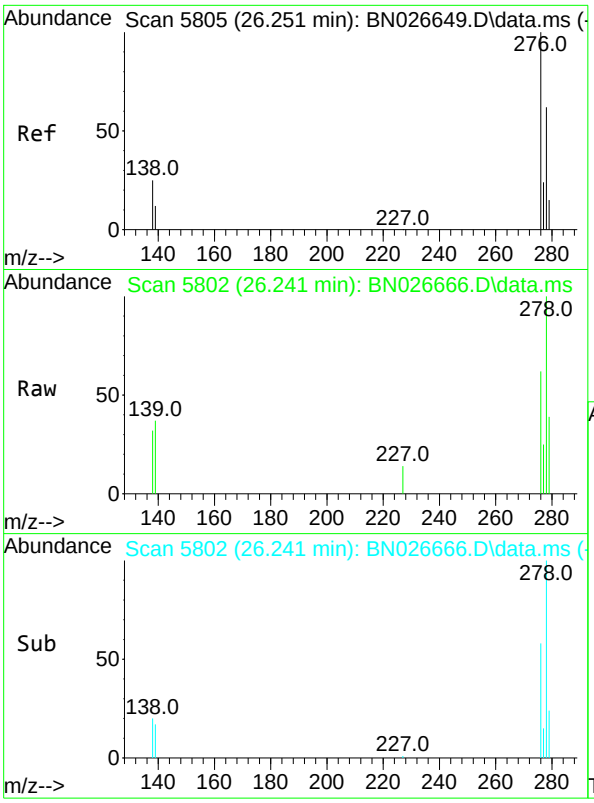


#25
Benzo(k)fluoranthene
Concen: 0.457 ng/ul
RT: 23.106 min Scan# 4784
Delta R.T. -0.023 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:252 Resp: 21841

Ion	Ratio	Lower	Upper
252	100		
253	30.8	27.2	40.8
125	35.9	13.4	20.2#



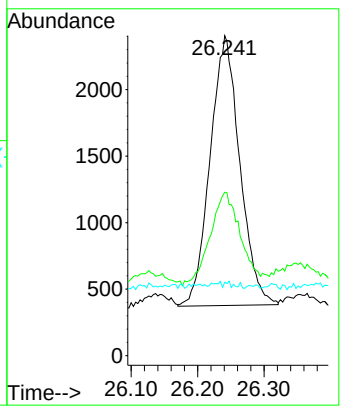


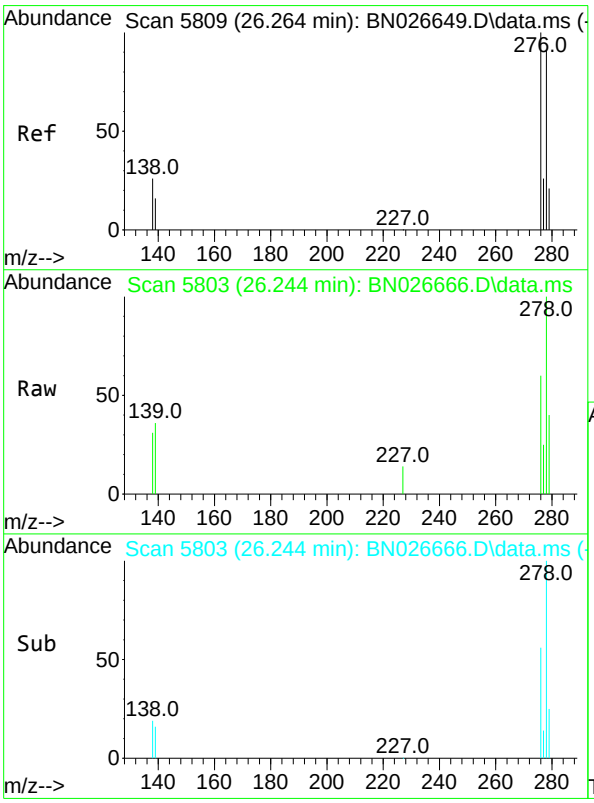
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/ul
RT: 26.241 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Instrument :
BNA_N
ClientSampleId :
A46T5MSD

Tgt Ion:276 Resp: 6292

Ion	Ratio	Lower	Upper
276	100		
138	36.6	22.2	33.4#
227	0.5	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.030 min
Lab File: BN026666.D
Acq: 22 Jul 2023 22:14

Tgt Ion:278 Resp: 11661

Ion	Ratio	Lower	Upper
278	100		
139	36.4	18.9	28.3#
279	39.9	31.3	46.9