Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026678.D
Acq On : 23 Jul 2023 15:55
Operator : MA/JU
Sample : 03504-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 24 00:41:49 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 : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	4808	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.625	136	14091	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	8957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	20807	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	13975	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	16249	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	9639	1.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	5139	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	12151	0.251	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	990	0.165	ng/ul#	1
5) Naphthalene	10.674	128	9535	0.246	ng/ul	98
7) 2-Methylnaphthalene	12.291	142	1831	0.083	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	2065	0.088	ng/ul	94
10) Acenaphthylene	14.185	152	110185	2.512	ng/ul	98
11) Acenaphthene	14.527	153	6499	0.194	ng/ul	99
12) Fluorene	15.517	166	29732	0.848	ng/ul	98
15) Phenanthrene	17.253	178	374864	5.657	ng/ul	97
16) Anthracene	17.346	178	136920	2.381	ng/ul	95
19) Fluoranthene	19.274	202	988124	15.084	ng/ul#	95
20) Pyrene	19.641	202	290954	4.090	ng/ul#	95
21) Benzo(a)anthracene	21.393	228	419842	8.175	ng/ul	99
22) Chrysene	21.446	228	322224	5.512	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	568610	8.982	ng/ul	81
26) Benzo(a)pyrene	23.676	252	49247	0.874	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.234	276	67223	0.910	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.355	278	22292	0.393	ng/ul	97
29) Benzo(g,h,i)perylene	26.996	276	1614	0.025	ng/ul#	24

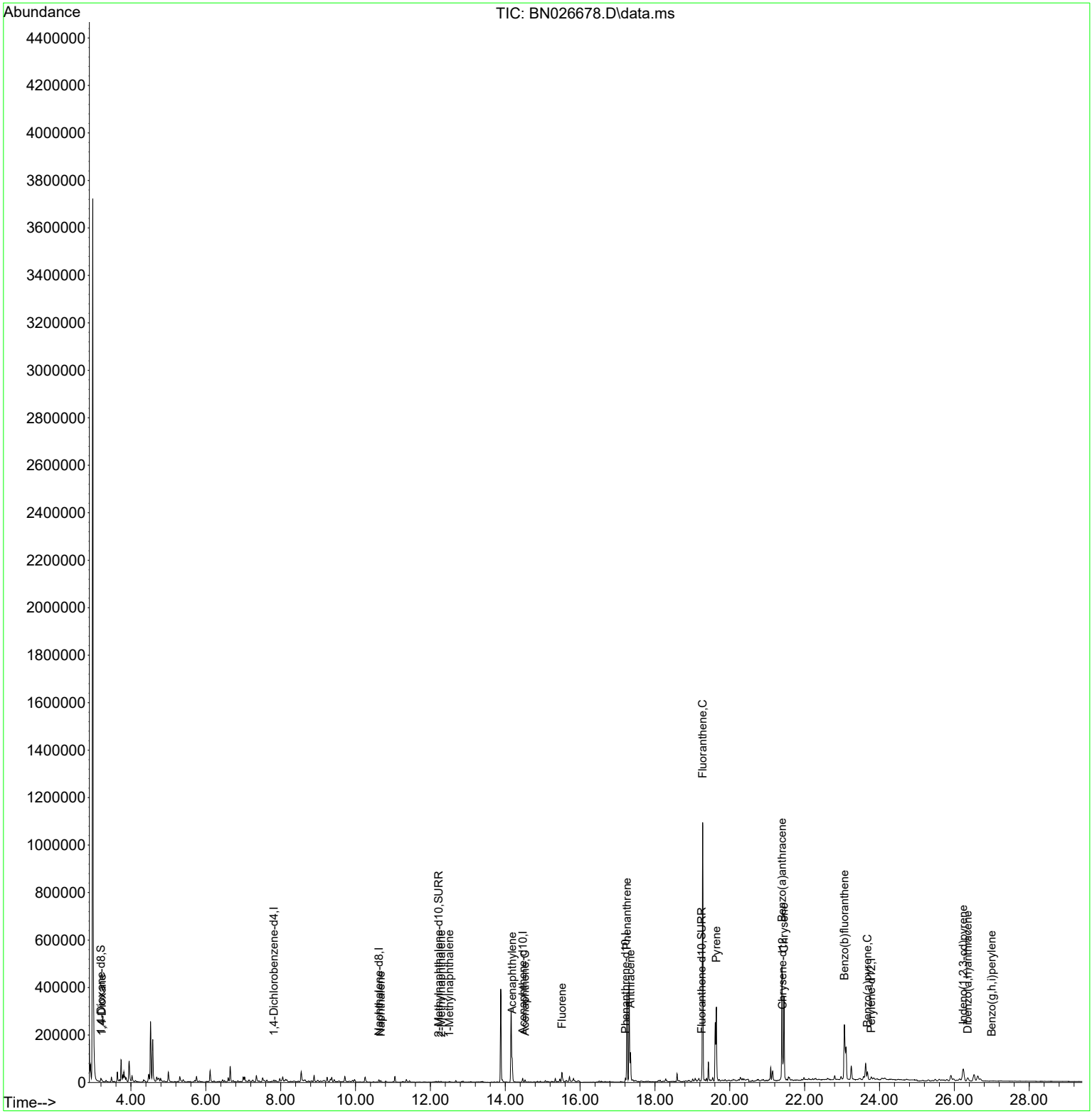
(#) = qualifier out of range (m) = manual integration (+) = signals summed

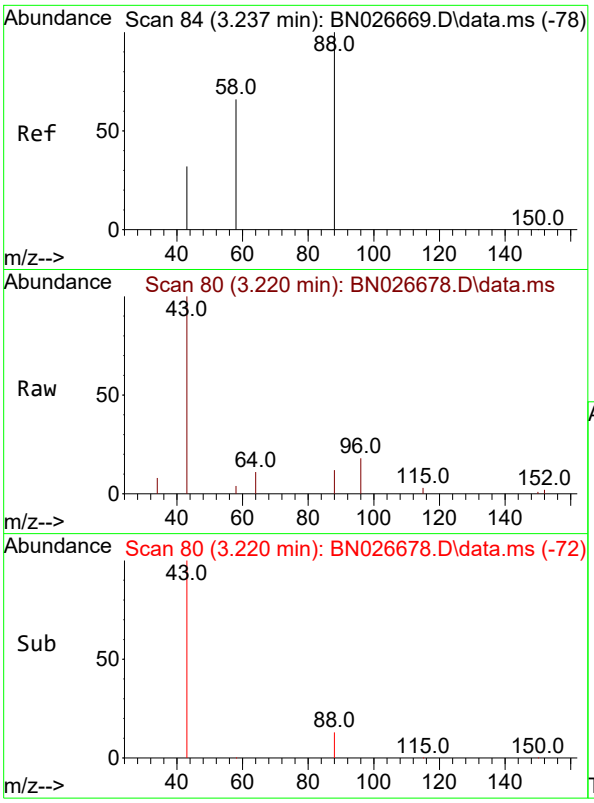
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026678.D
Acq On : 23 Jul 2023 15:55
Operator : MA/JU
Sample : 03504-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 24 00:41:49 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 : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration



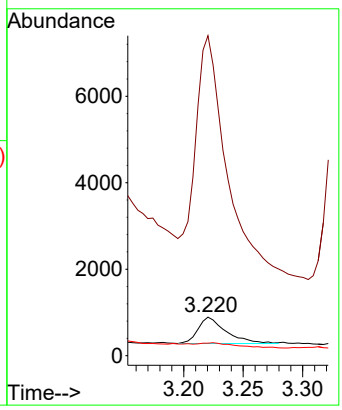


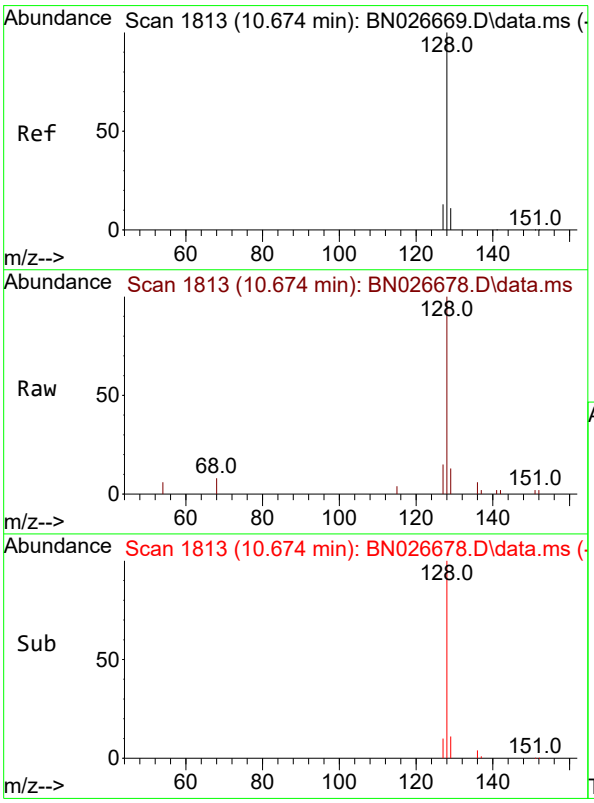
#2
1,4-Dioxane
Concen: 0.165 ng/ul
RT: 3.220 min Scan# 8
Delta R.T. -0.017 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 990

Ion	Ratio	Lower	Upper
88	100		
43	830.6	33.0	49.6#
58	32.2	41.7	62.5#

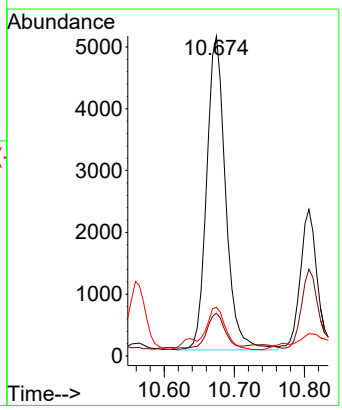


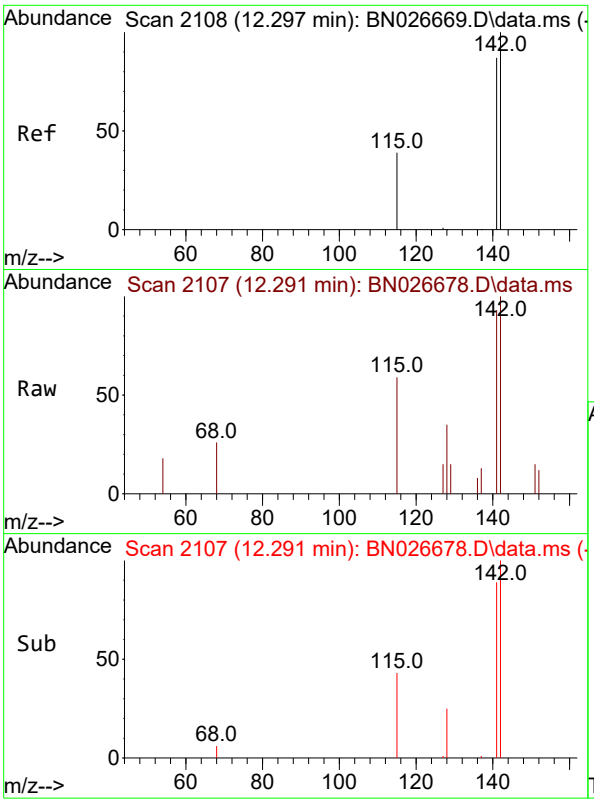


#5
Naphthalene
Concen: 0.246 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:128 Resp: 9535

Ion	Ratio	Lower	Upper
128	100		
129	13.3	10.2	15.2
127	15.2	11.4	17.0



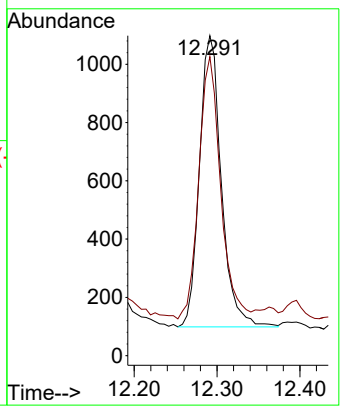


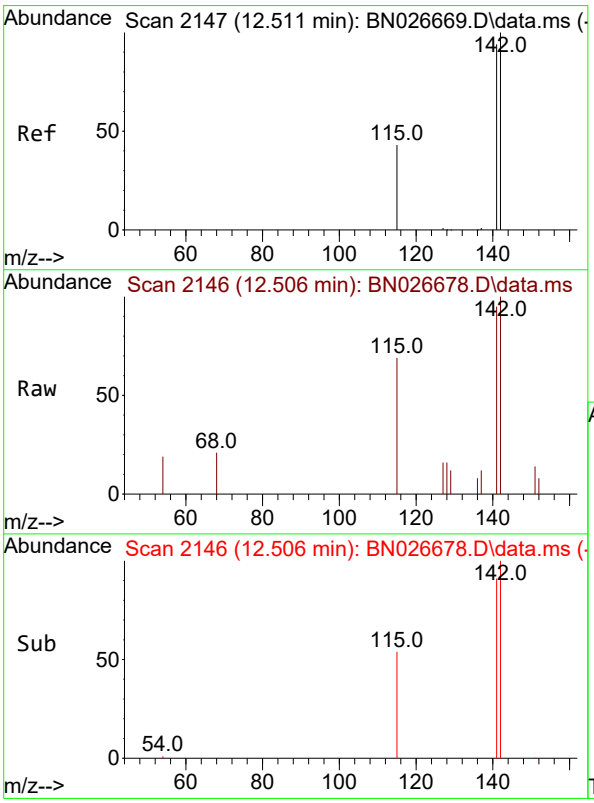
#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.291 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 1831

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.3	108.5

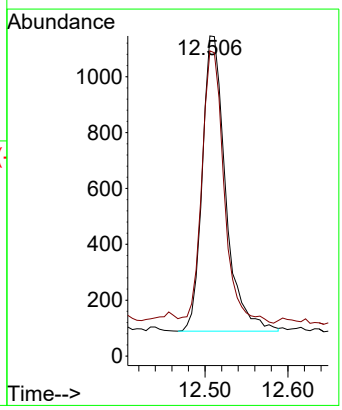


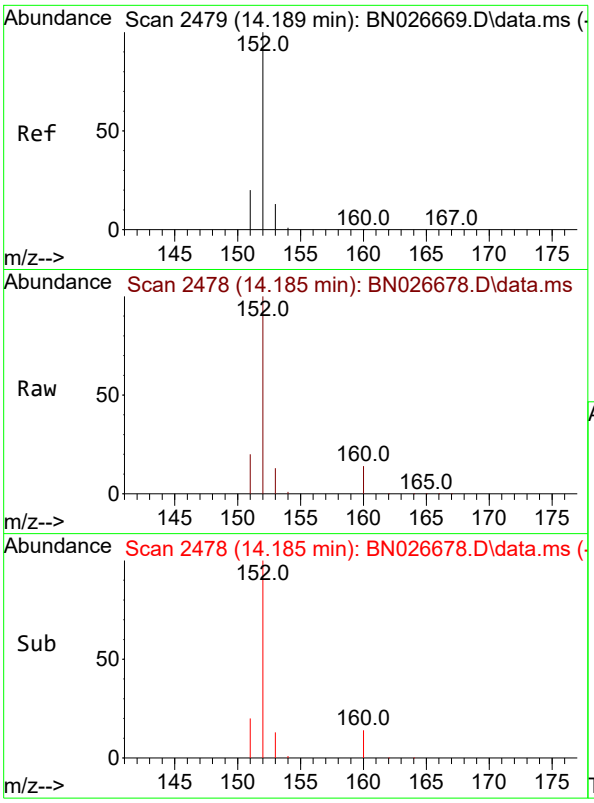


#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:142 Resp: 2065

Ion	Ratio	Lower	Upper
142	100		
141	87.6	74.5	111.7



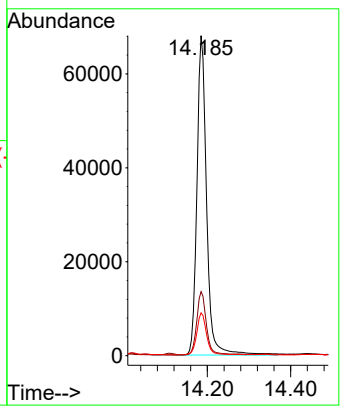


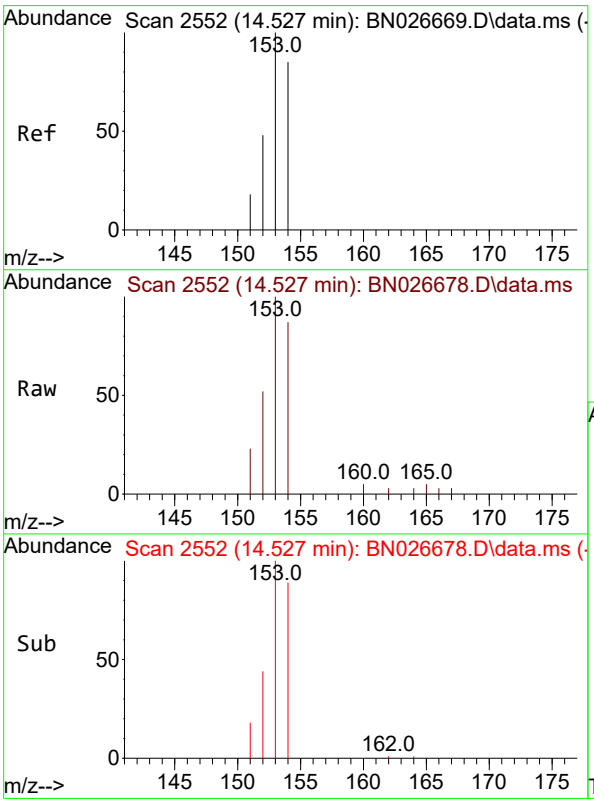
#10
Acenaphthylene
Concen: 2.512 ng/ul
RT: 14.185 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 110185

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	13.4	11.4	17.2

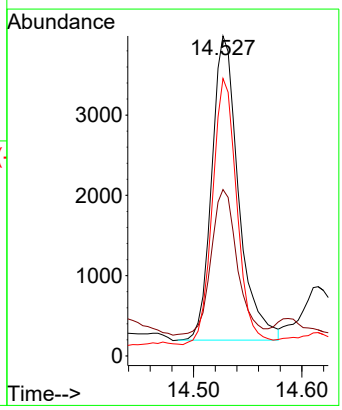


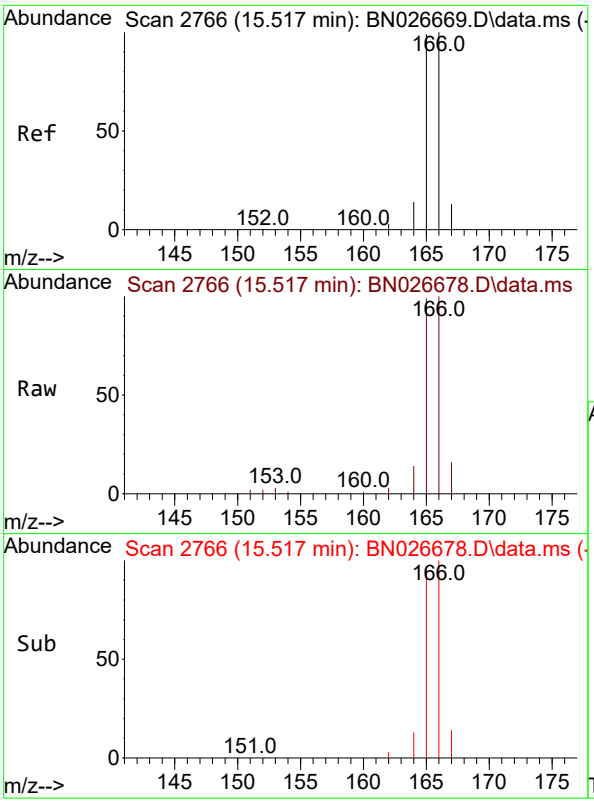


#11
Acenaphthene
Concen: 0.194 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:153 Resp: 6499

Ion	Ratio	Lower	Upper
153	100		
152	52.0	40.2	60.4
154	86.7	69.3	103.9



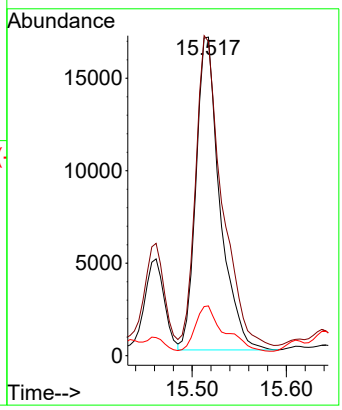


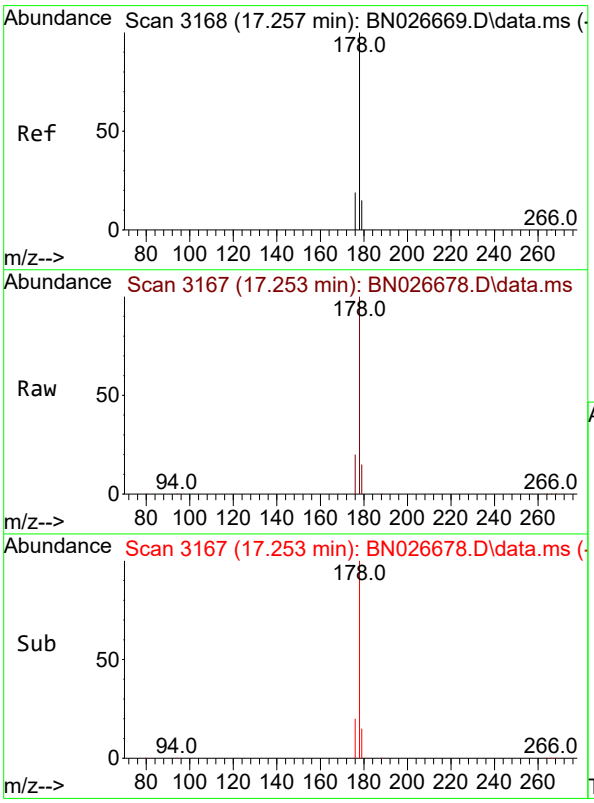
#12
Fluorene
Concen: 0.848 ng/ul
RT: 15.517 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 29732

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.6	120.8
167	15.6	12.0	18.0

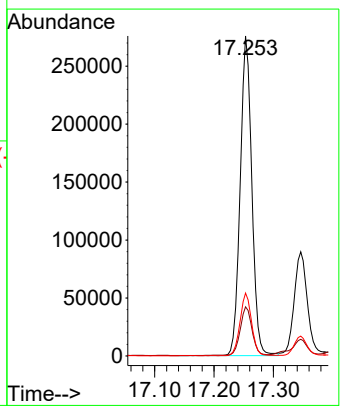


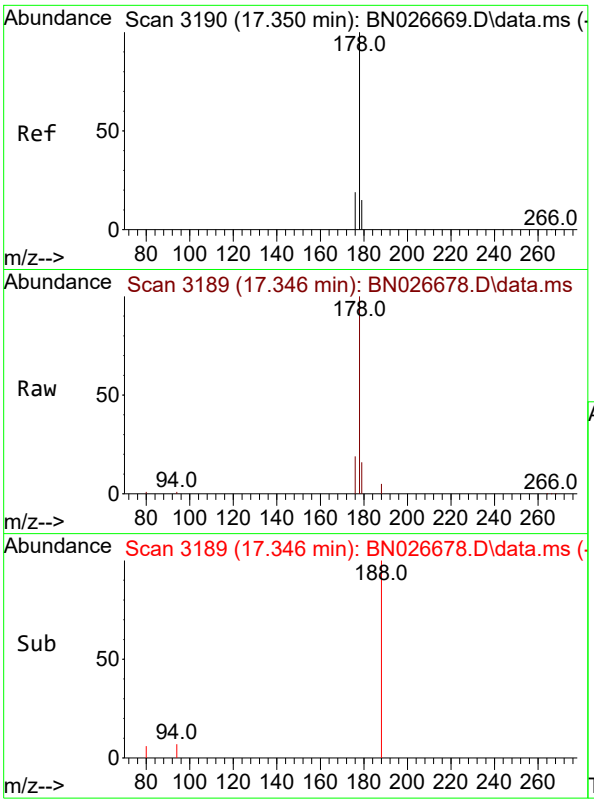


#15
Phenanthrene
Concen: 5.657 ng/ul
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:178 Resp: 374864

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.7	20.5
176	19.7	16.5	24.7



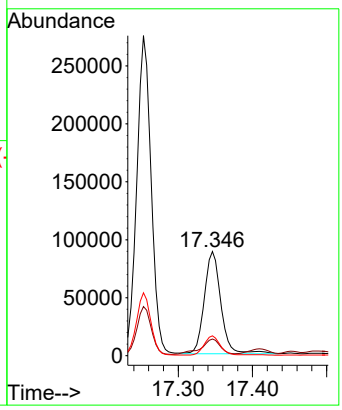


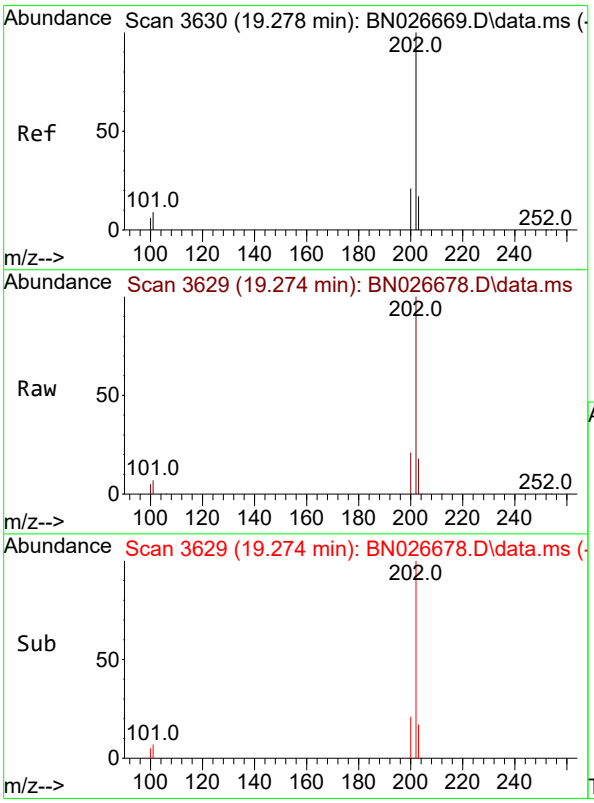
#16
Anthracene
Concen: 2.381 ng/ul
RT: 17.346 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 136920

Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.8	22.2
176	19.1	16.6	25.0

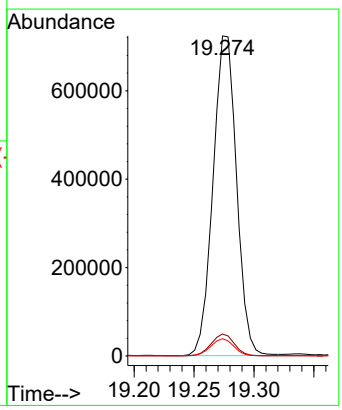


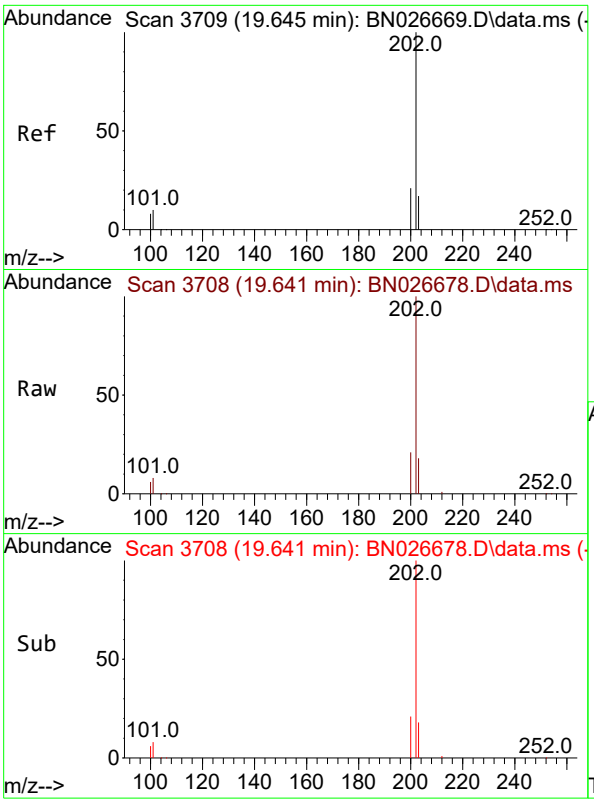


#19
Fluoranthene
Concen: 15.084 ng/ul
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:202 Resp: 988124

Ion	Ratio	Lower	Upper
202	100		
101	6.9	7.0	10.4#
100	5.4	6.0	9.0#



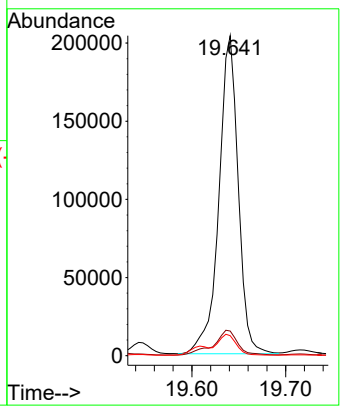


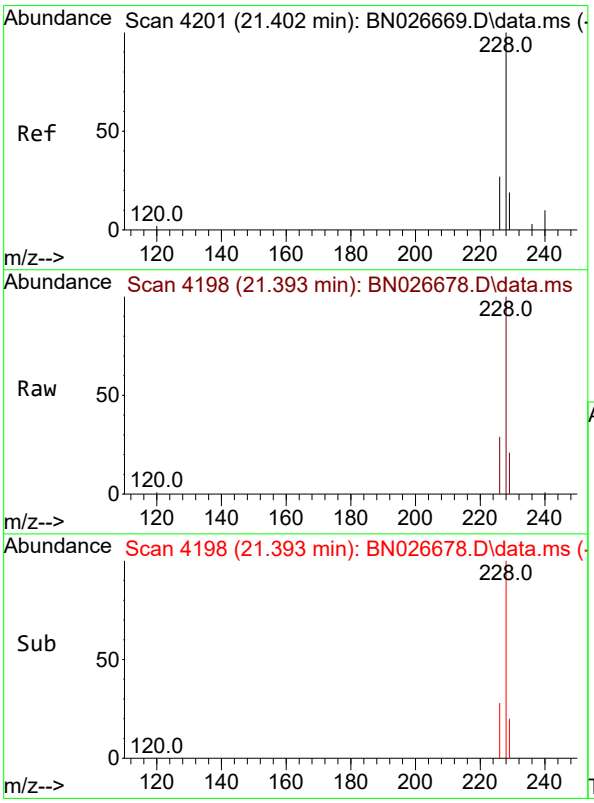
#20
Pyrene
Concen: 4.090 ng/ul
RT: 19.641 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 290954

Ion	Ratio	Lower	Upper
202	100		
101	7.7	8.0	12.0#
100	6.3	6.2	9.2

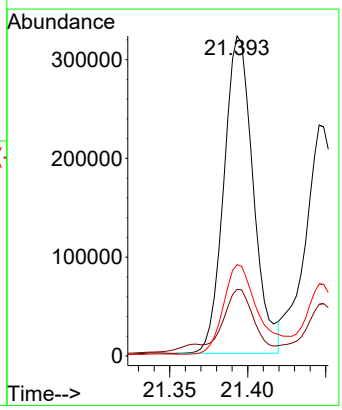


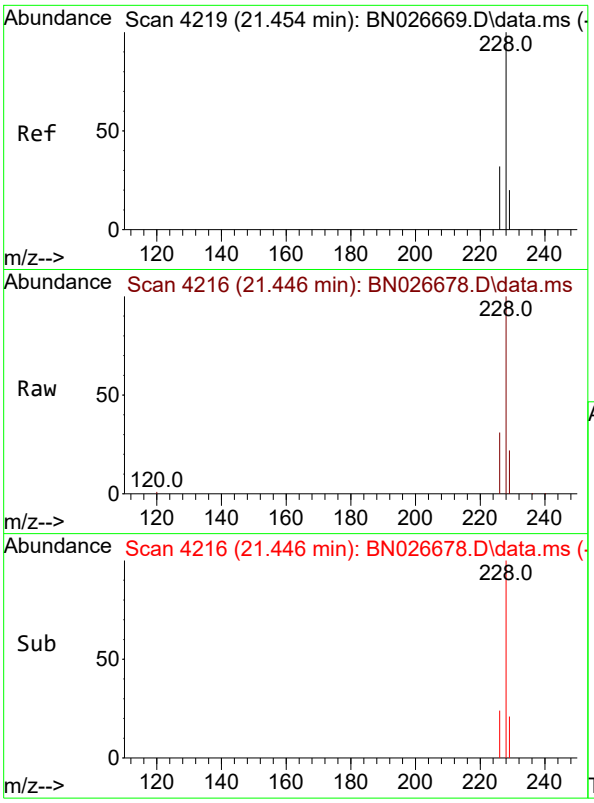


#21
Benzo(a)anthracene
Concen: 8.175 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:228 Resp: 419842

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.7	25.1
226	28.5	23.5	35.3



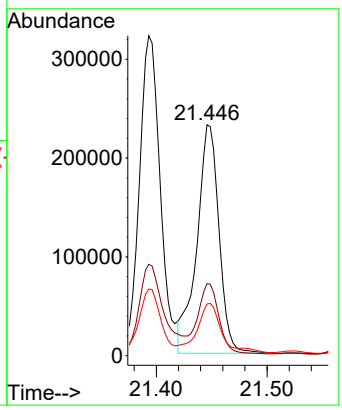


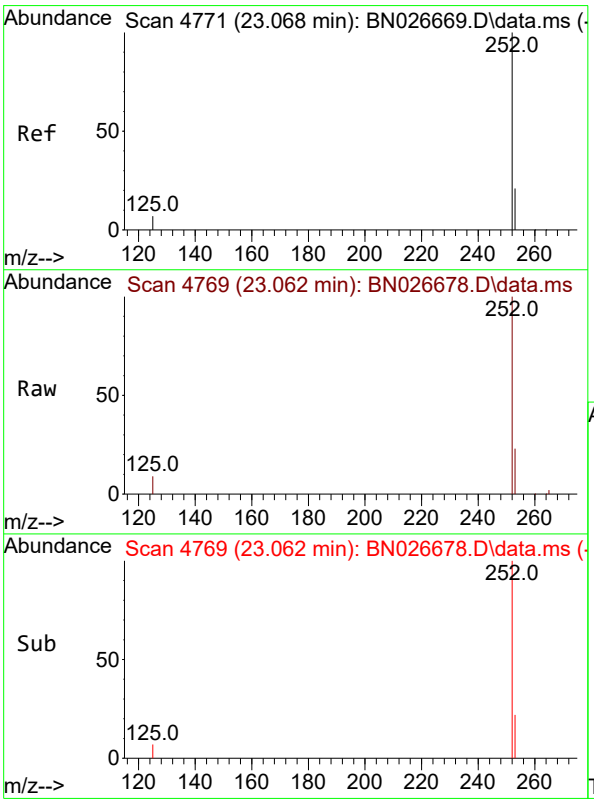
#22
Chrysene
Concen: 5.512 ng/ul
RT: 21.446 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 322224

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.2	37.8
229	22.4	16.4	24.6

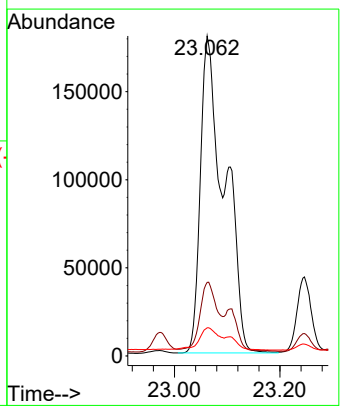


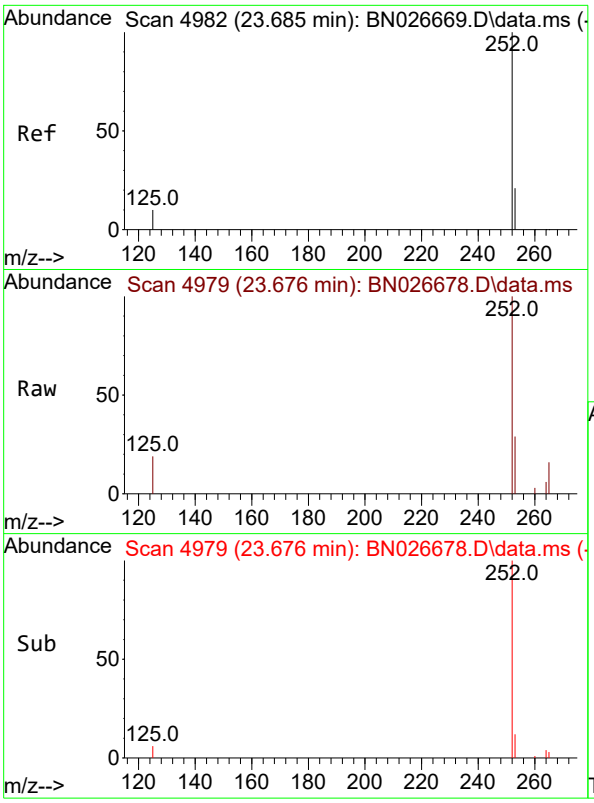


#24
Benzo(b)fluoranthene
Concen: 8.982 ng/ul
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:252 Resp: 568610

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	68.6
125	8.8	0.0	34.0



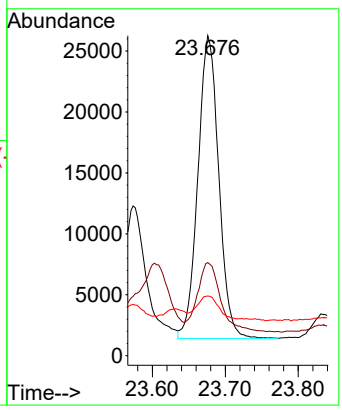


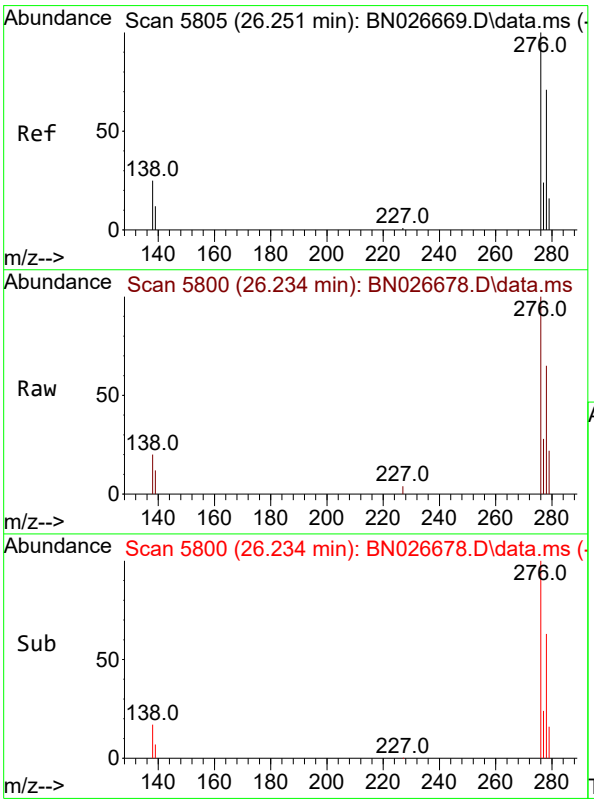
#26
Benzo(a)pyrene
Concen: 0.874 ng/ul
RT: 23.676 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 49247

Ion	Ratio	Lower	Upper
252	100		
253	29.1	32.6	49.0#
125	18.7	19.3	28.9#

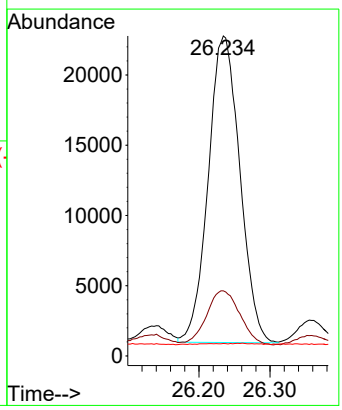


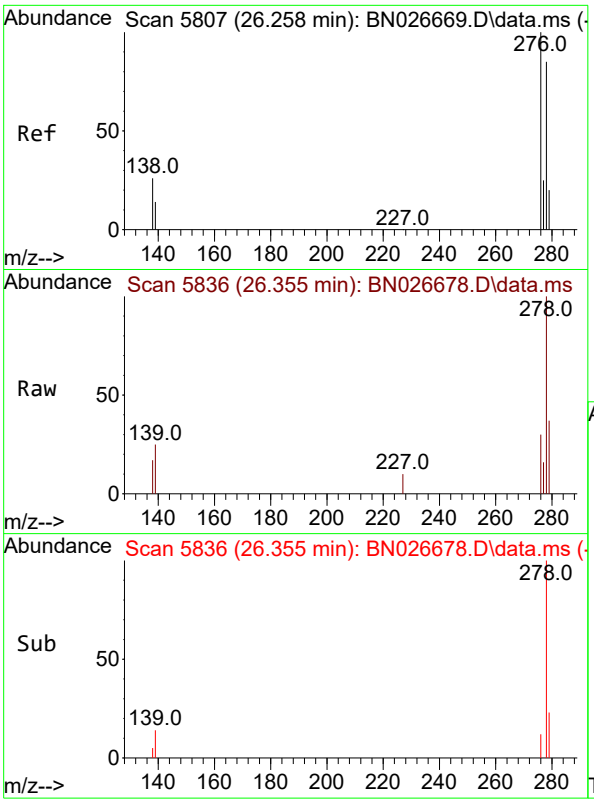


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.910 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:276 Resp: 67223

Ion	Ratio	Lower	Upper
276	100		
138	18.8	22.2	33.4#
227	0.2	0.1	0.1#



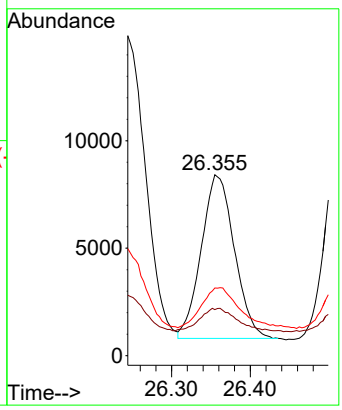


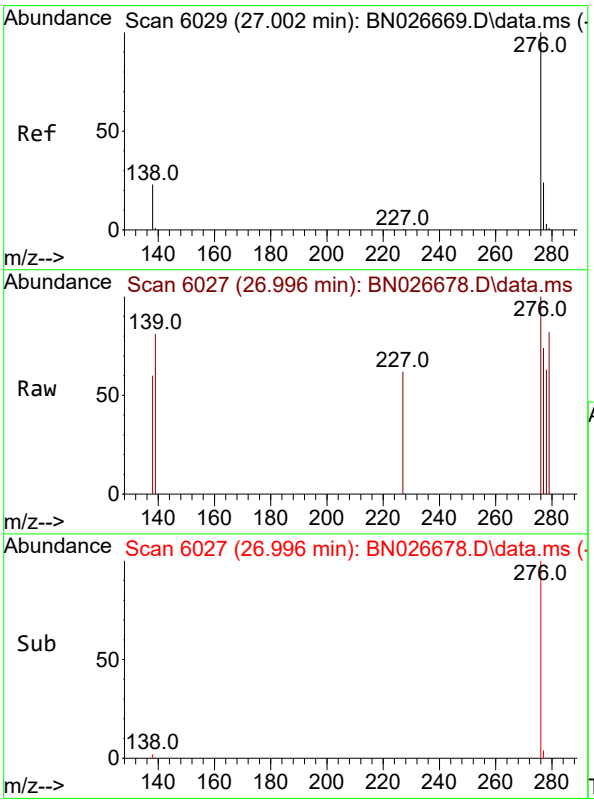
#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.355 min Scan# 5
Delta R.T. 0.097 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 22292

Ion	Ratio	Lower	Upper
278	100		
139	25.5	18.9	28.3
279	37.4	31.3	46.9





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.996 min Scan# 6027
Delta R.T. -0.007 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

Tgt Ion:276 Resp: 1614

Ion	Ratio	Lower	Upper
276	100		
138	60.5	22.6	34.0#
277	74.5	21.8	32.8#