Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026107.D
Acq On : 29 Jun 2023 22:47
Operator : MA/JU
Sample : 03143-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFV7

Quant Time: Jun 30 00:46:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8667	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	28891	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	17053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	32601	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17235	0.400	ng/ul	# 0.00
23) Perylene-d12	23.984	264	17408	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	19007	1.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5891	0.133	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	10088	0.154	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.825	128	10864	0.131	ng/ul	97
7) 2-Methylnaphthalene	12.436	142	6409	0.122	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	4994	0.091	ng/ul	100
10) Acenaphthylene	14.325	152	15671	0.196	ng/ul	97
11) Acenaphthene	14.667	153	7129	0.109	ng/ul	98
12) Fluorene	15.653	166	6419	0.086	ng/ul#	99
15) Phenanthrene	17.393	178	181020	1.681	ng/ul	99
16) Anthracene	17.482	178	29973	0.313	ng/ul	98
19) Fluoranthene	19.405	202	458987	4.986	ng/ul	99
20) Pyrene	19.768	202	361564	3.776	ng/ul	98
21) Benzo(a)anthracene	21.517	228	156515	2.201	ng/ul	97
22) Chrysene	21.573	228	181758	2.457	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	371141	4.995	ng/ul	91
26) Benzo(a)pyrene	23.876	252	172313	2.670	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.541	276	145359	2.062	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.551	278	33570	0.629	ng/ul	97
29) Benzo(g,h,i)perylene	27.335	276	137404	2.191	ng/ul	95

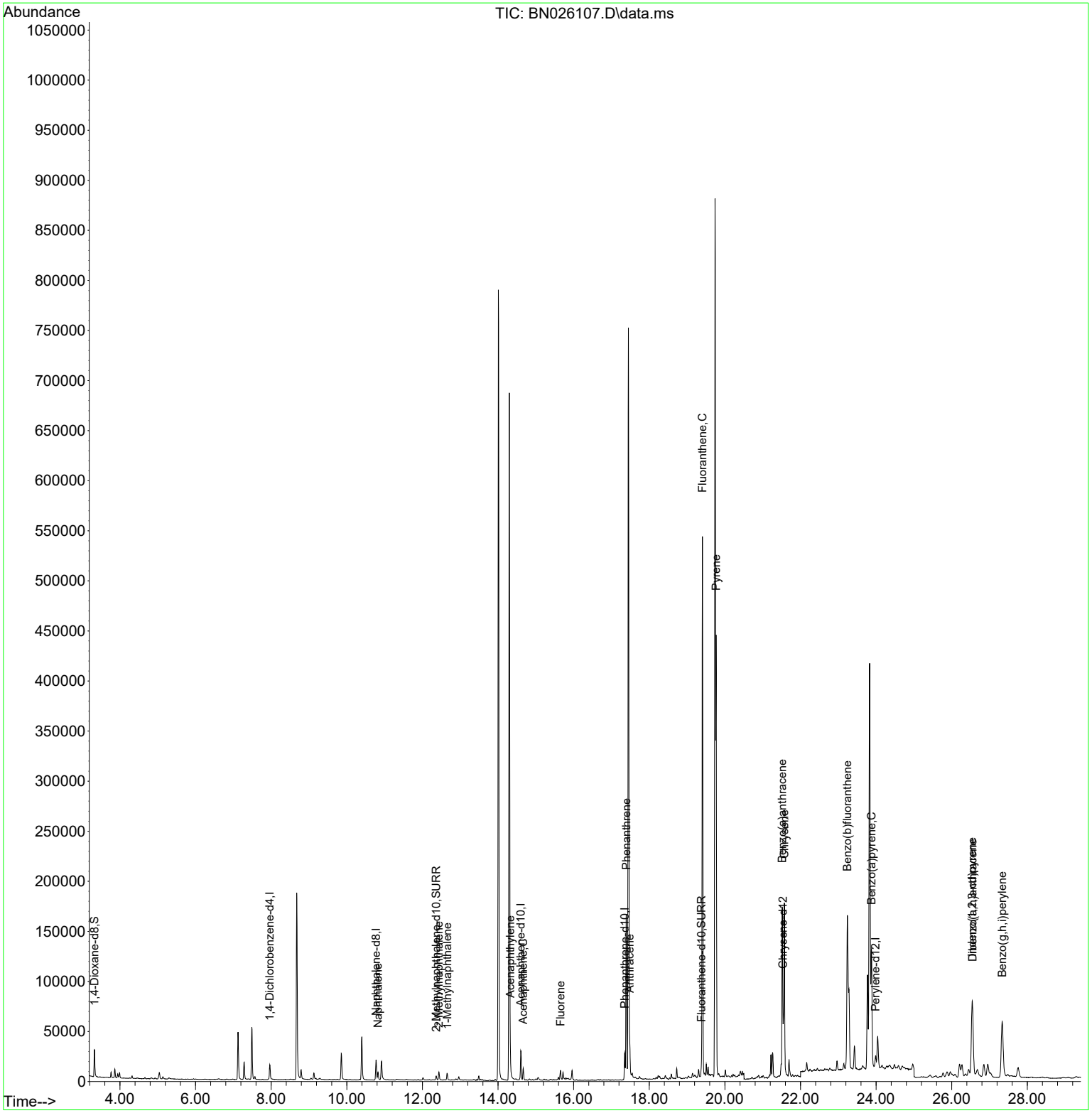
(#) = qualifier out of range (m) = manual integration (+) = signals summed

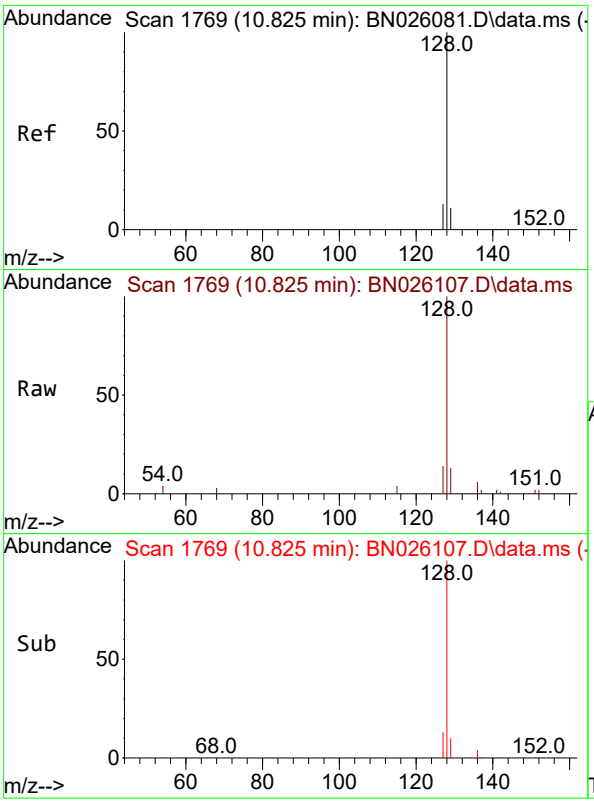
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026107.D
Acq On : 29 Jun 2023 22:47
Operator : MA/JU
Sample : 03143-20
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFV7

Quant Time: Jun 30 00:46:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration



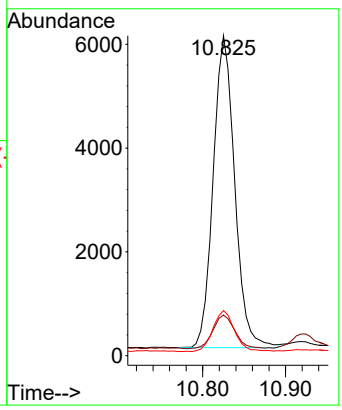


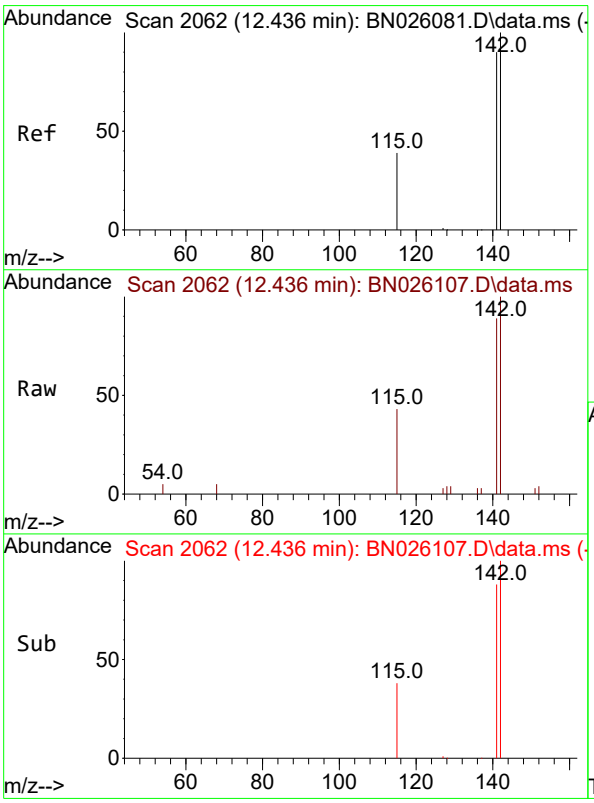
#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.825 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:128 Resp: 10864

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.1	13.7
127	14.1	10.7	16.1

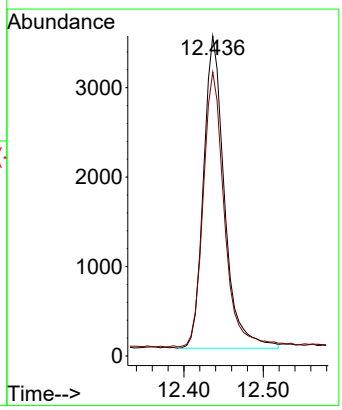


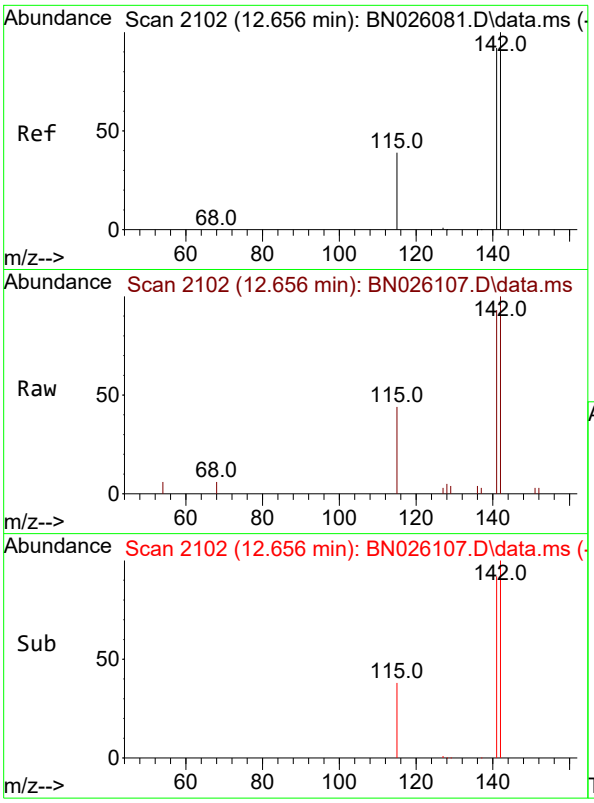


#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:142 Resp: 6409

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9



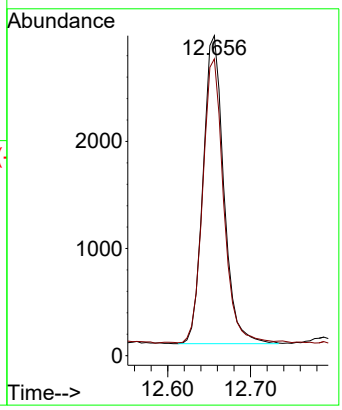


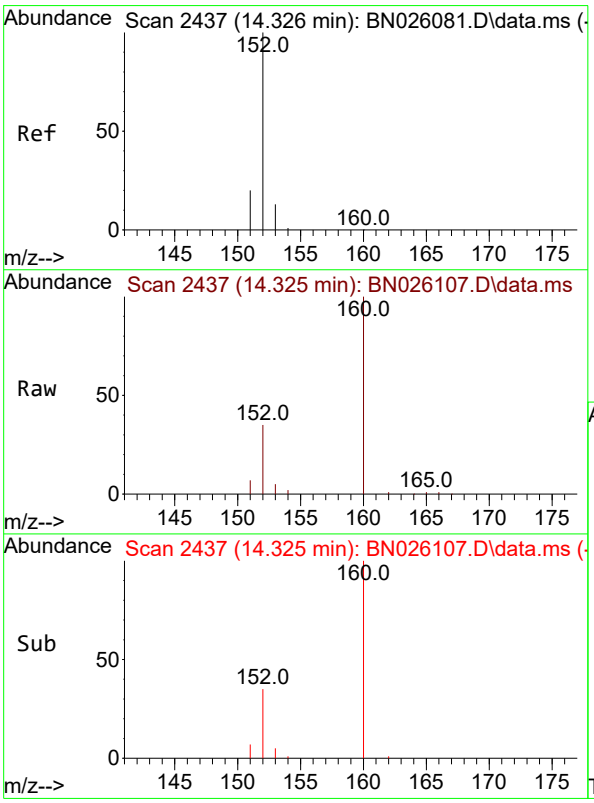
#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.656 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:142 Resp: 4994

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4

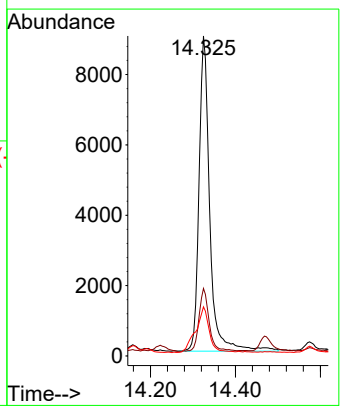


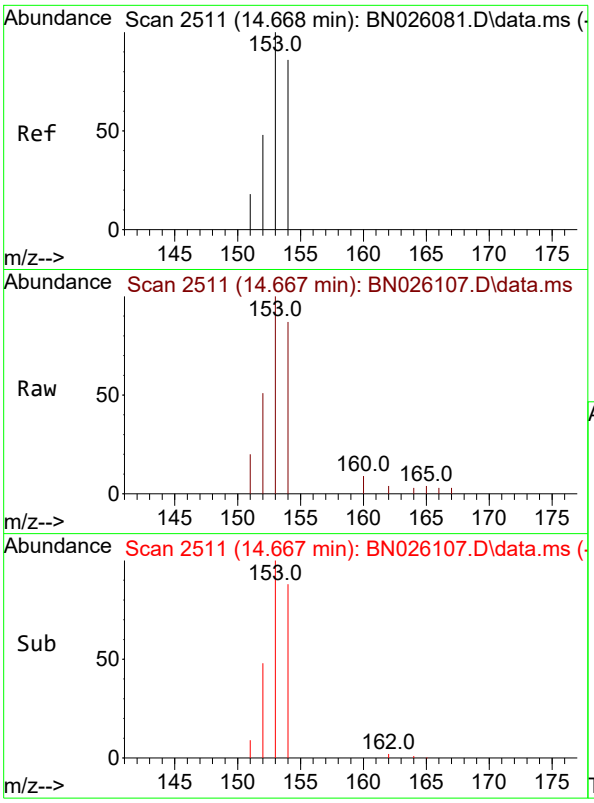


#10
Acenaphthylene
Concen: 0.196 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:152 Resp: 15671

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	15.3	10.9	16.3



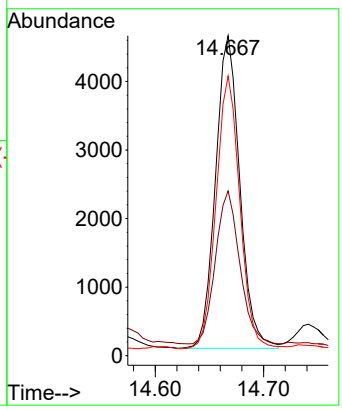


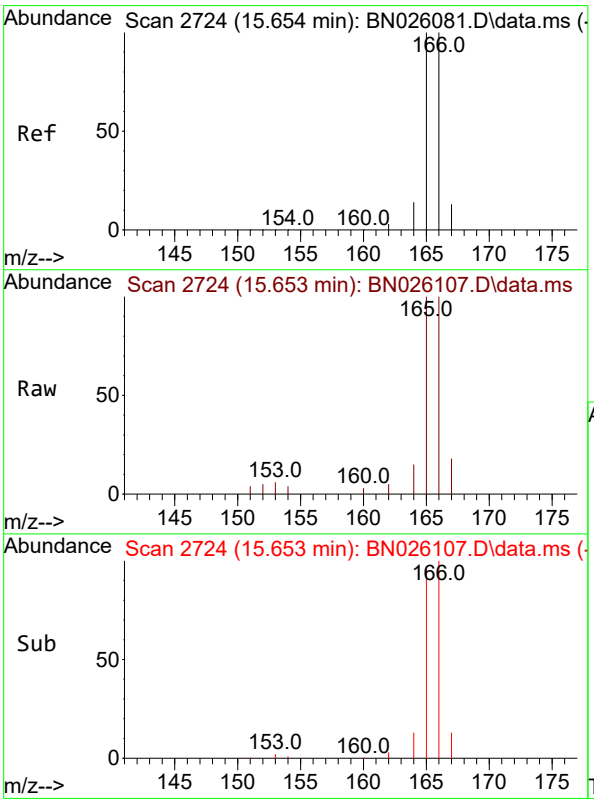
#11
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.667 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:153 Resp: 7129

Ion	Ratio	Lower	Upper
153	100		
152	51.5	39.4	59.0
154	87.4	68.9	103.3

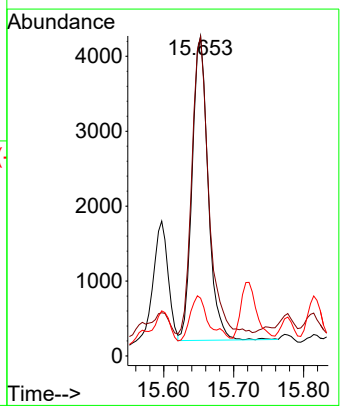


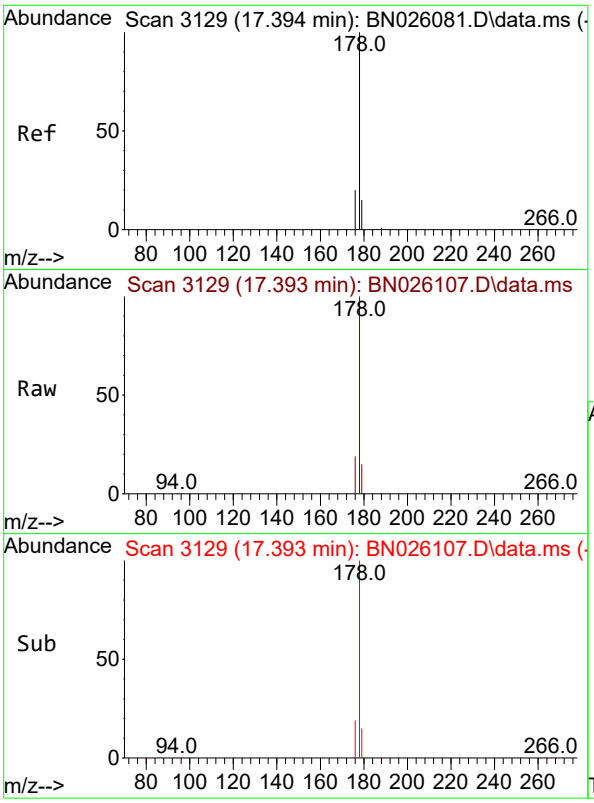


#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:166 Resp: 6419

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	18.0	10.8	16.2#



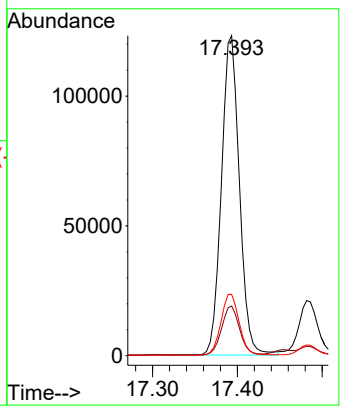


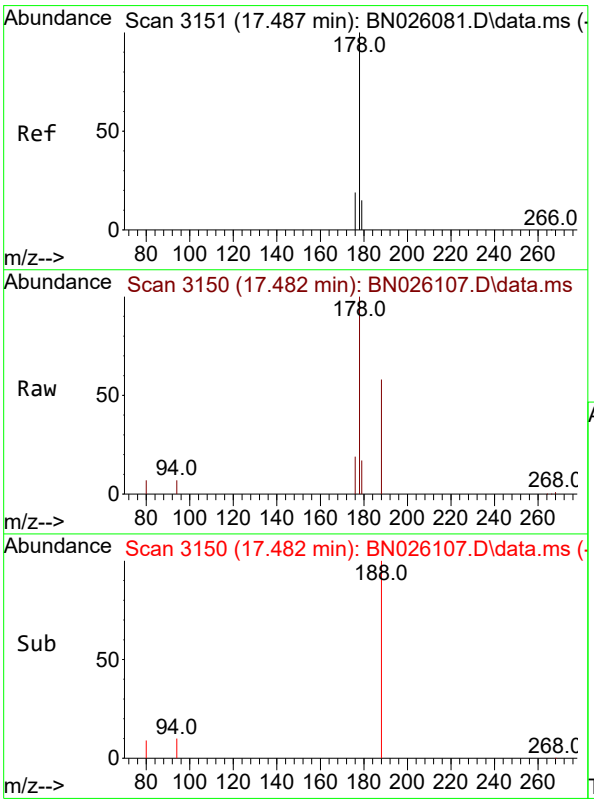
#15
Phenanthrene
Concen: 1.681 ng/ul
RT: 17.393 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:178 Resp: 181020

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.1	15.8	23.6

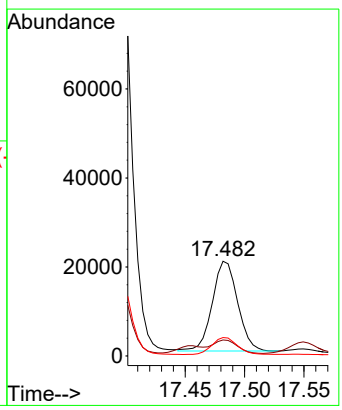


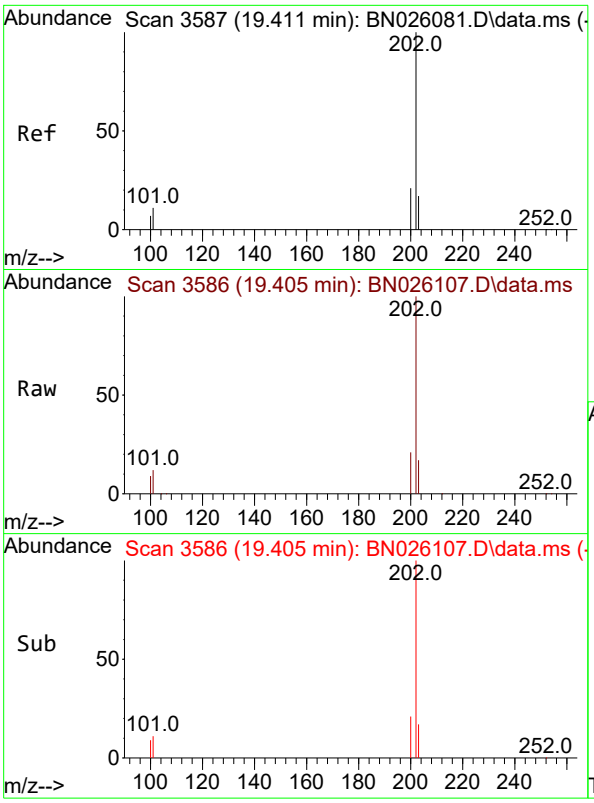


#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:178 Resp: 29973

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	19.5	15.1	22.7



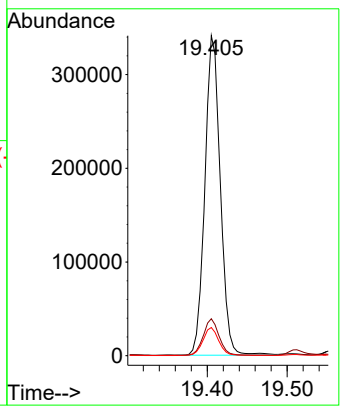


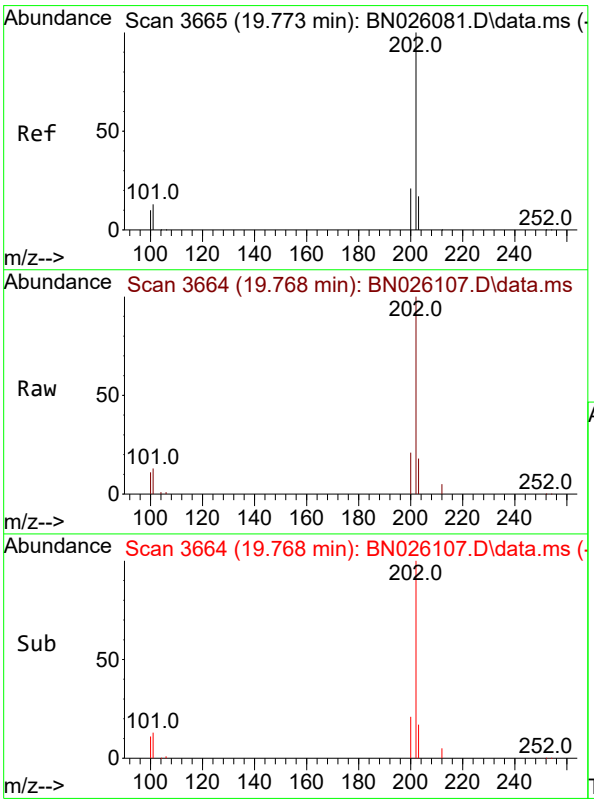
#19
Fluoranthene
Concen: 4.986 ng/ul
RT: 19.405 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:202 Resp: 458987

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.5	14.3
100	8.8	7.3	10.9

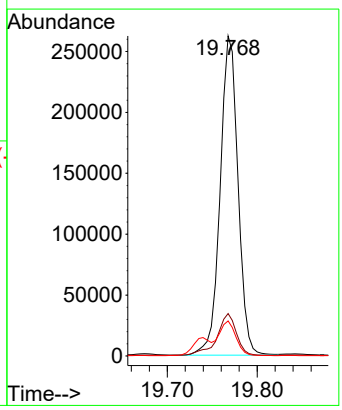


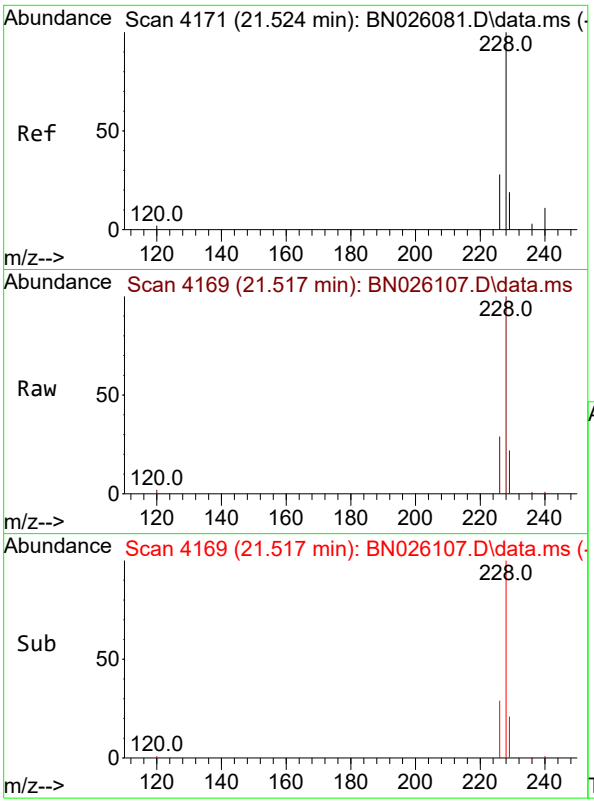


#20
Pyrene
Concen: 3.776 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:202 Resp: 361564

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.4	17.0
100	11.0	9.1	13.7



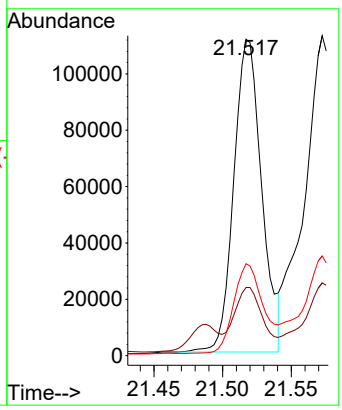


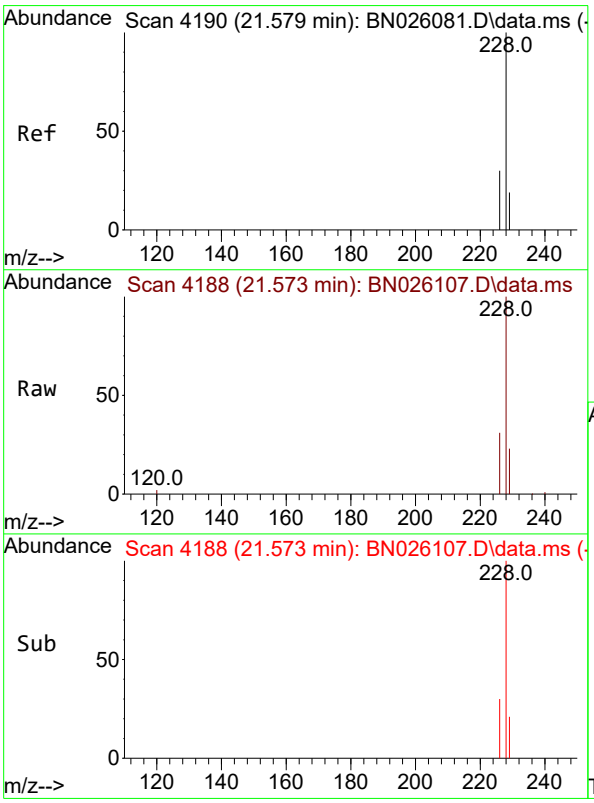
#21
Benzo(a)anthracene
Concen: 2.201 ng/ul
RT: 21.517 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:228 Resp: 156515

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	29.1	22.5	33.7

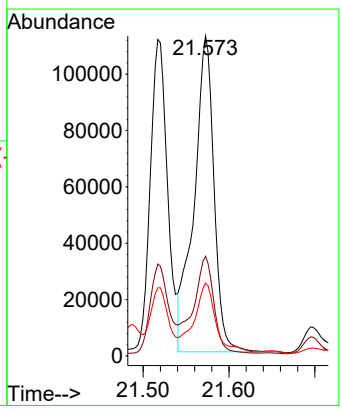


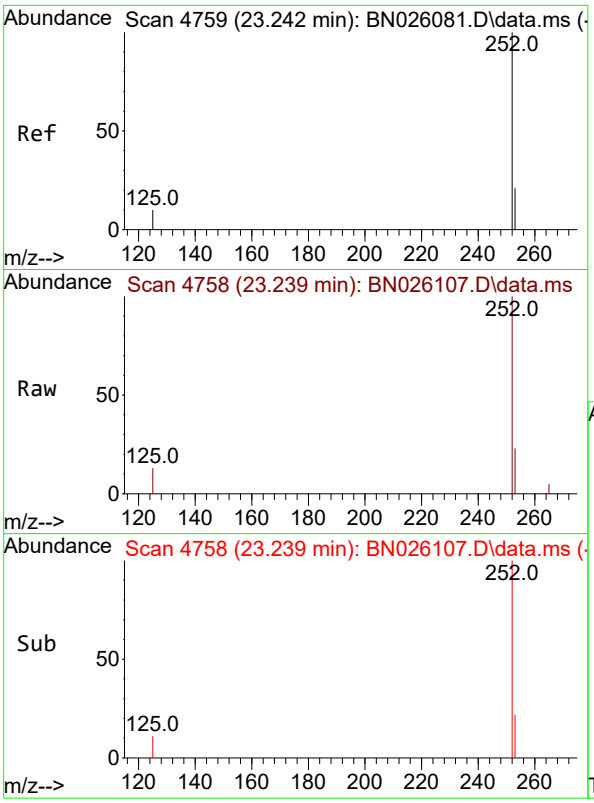


#22
Chrysene
Concen: 2.457 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:228 Resp: 181758

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	22.8	15.7	23.5



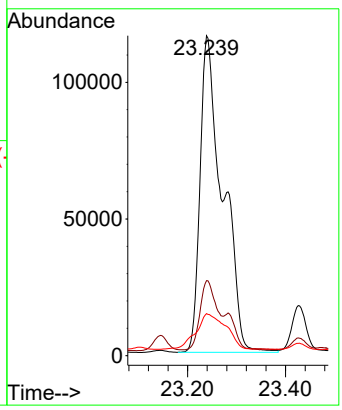


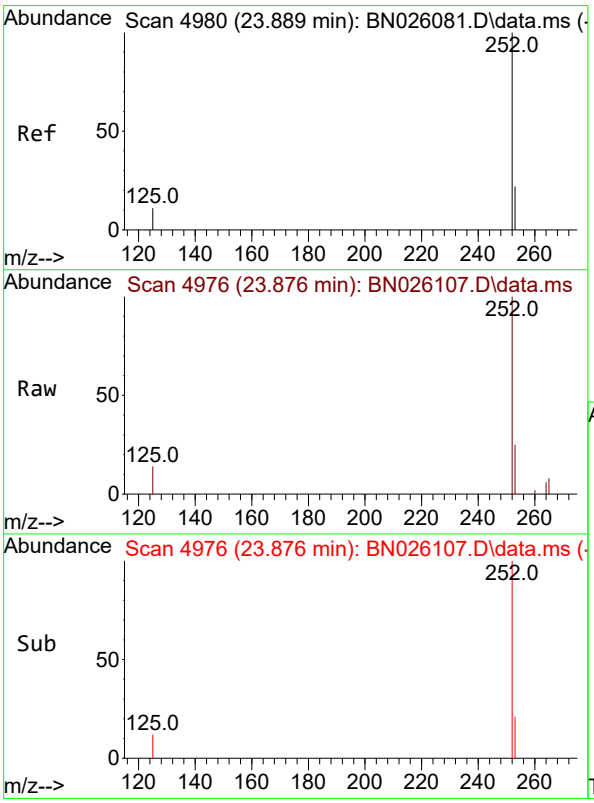
#24
Benzo(b)fluoranthene
Concen: 4.995 ng/ul
RT: 23.239 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:252 Resp: 371141

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	55.6
125	13.1	0.0	35.8

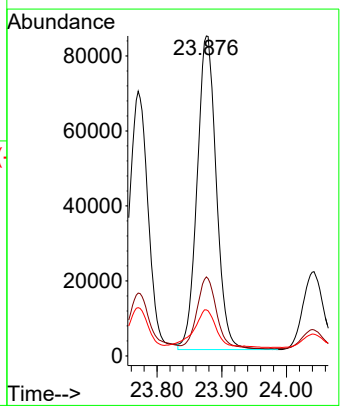


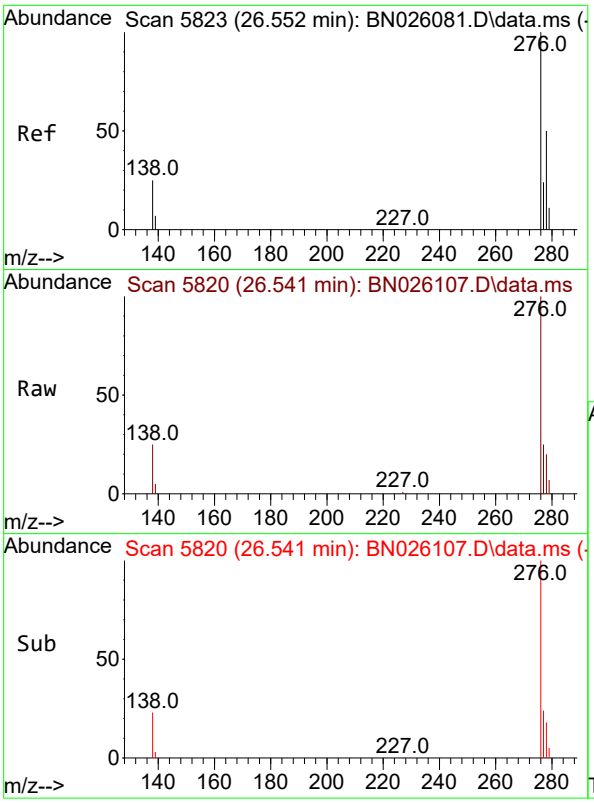


#26
Benzo(a)pyrene
Concen: 2.670 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.029 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:252 Resp: 172313

Ion	Ratio	Lower	Upper
252	100		
253	24.7	26.0	39.0#
125	14.4	17.3	25.9#



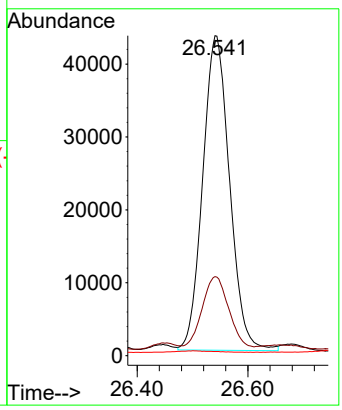


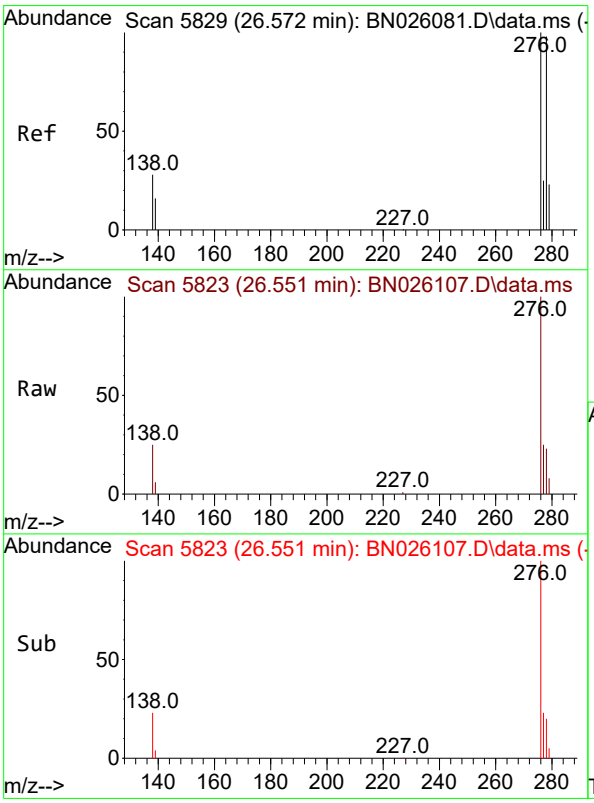
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.062 ng/ul
RT: 26.541 min Scan# 5
Delta R.T. -0.054 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:276 Resp: 145359

Ion	Ratio	Lower	Upper
276	100		
138	24.9	24.5	36.7
227	0.0	0.0	0.0

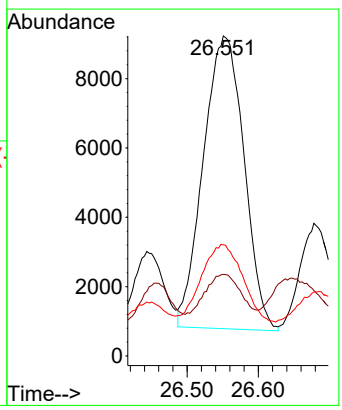


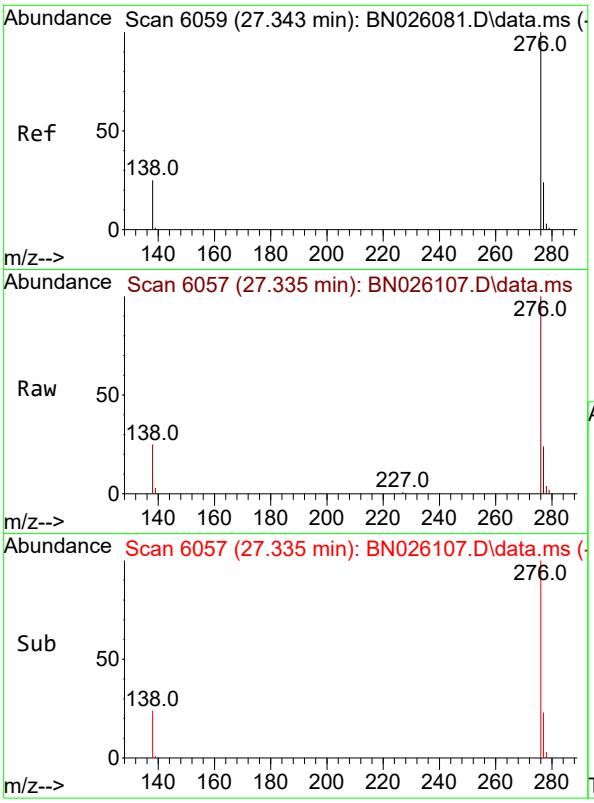


#28
Dibenzo(a,h)anthracene
Concen: 0.629 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.064 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Tgt Ion:278 Resp: 33570

Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.0	28.4
279	34.8	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 2.191 ng/ul
RT: 27.335 min Scan# 6
Delta R.T. -0.050 min
Lab File: BN026107.D
Acq: 29 Jun 2023 22:47

Instrument :
BNA_N
ClientSampleId :
DCFV7

Tgt Ion:276 Resp: 137404

Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.4	35.0
277	24.5	20.0	30.0