Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026103.D
Acq On : 29 Jun 2023 20:20
Operator : MA/JU
Sample : 03143-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFU6

Quant Time: Jun 30 00:45:27 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	7.967	152	7145	0.400	ng/ul		0.00
4) Naphthalene-d8	10.776	136	23686	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.603	164	14335	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.352	188	29182	0.400	ng/ul		0.00
17) Chrysene-d12	21.536	240	15846	0.400	ng/ul	#	0.00
23) Perylene-d12	24.003	264	16034	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.322	96	19808	2.462	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.365	152	6619	0.182	ng/ul		0.00
18) Fluoranthene-d10	19.378	212	13337	0.221	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.825	128	7002	0.103	ng/ul	#	95
7) 2-Methylnaphthalene	12.436	142	4294	0.099	ng/ul		100
8) 1-Methylnaphthalene	12.656	142	3037	0.068	ng/ul		99
10) Acenaphthylene	14.326	152	5471	0.082	ng/ul	#	92
11) Acenaphthene	14.668	153	2678	0.049	ng/ul		97
12) Fluorene	15.654	166	2531	0.040	ng/ul	#	93
15) Phenanthrene	17.394	178	64449	0.669	ng/ul		100
16) Anthracene	17.483	178	10078	0.118	ng/ul	#	93
19) Fluoranthene	19.411	202	169444	2.002	ng/ul		98
20) Pyrene	19.769	202	138002	1.568	ng/ul		99
21) Benzo(a)anthracene	21.518	228	61940	0.948	ng/ul		97
22) Chrysene	21.574	228	77497	1.139	ng/ul		97
24) Benzo(b)fluoranthene	23.248	252	155781	2.276	ng/ul		95
26) Benzo(a)pyrene	23.894	252	70620	1.188	ng/ul	#	89
27) Indeno(1,2,3-cd)pyrene	26.578	276	64289	0.990	ng/ul	#	86
28) Dibenzo(a,h)anthracene	26.589	278	14618	0.298	ng/ul	#	86
29) Benzo(g,h,i)perylene	27.380	276	62463	1.082	ng/ul		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026103.D
Acq On : 29 Jun 2023 20:20
Operator : MA/JU
Sample : 03143-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
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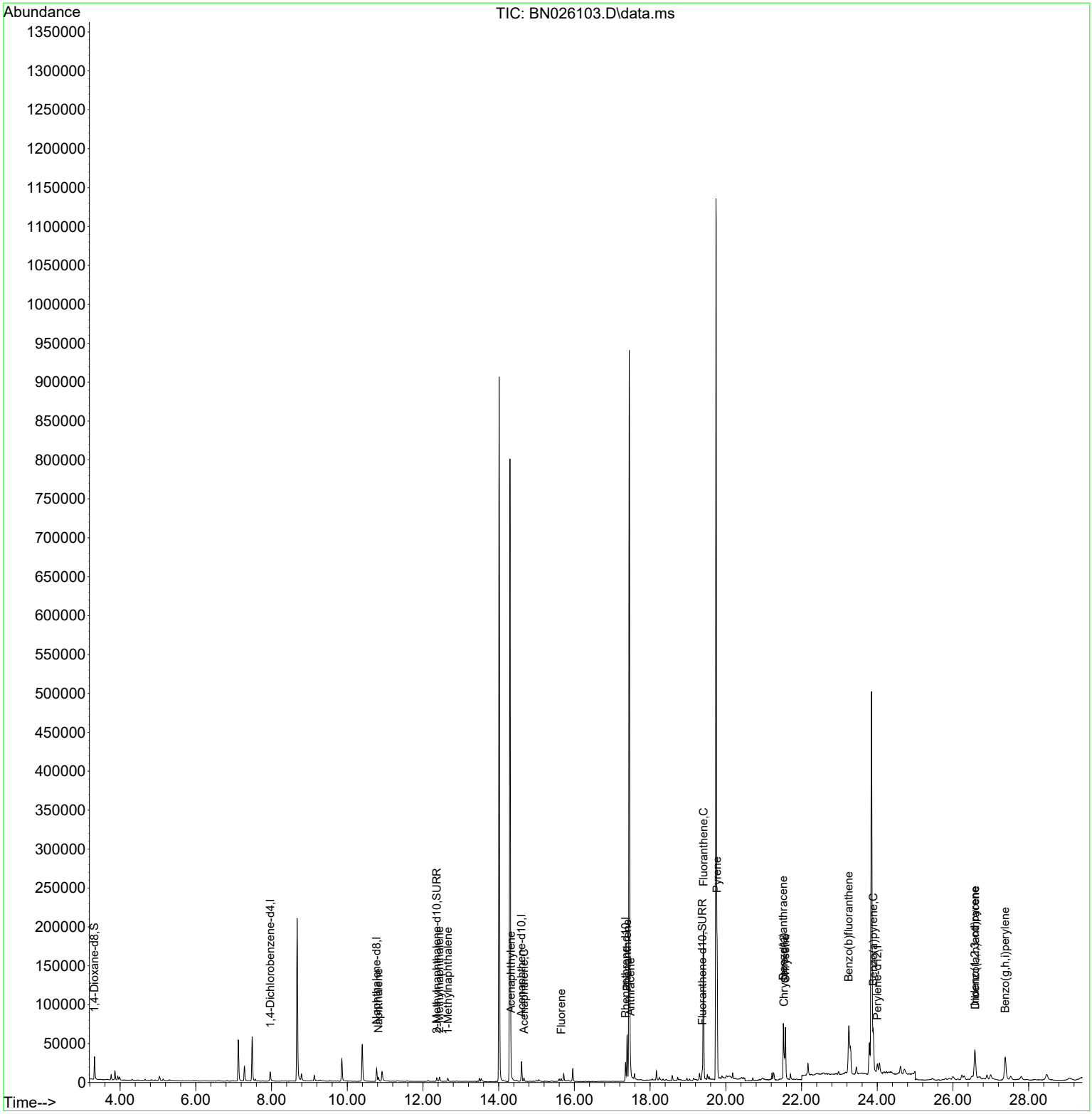
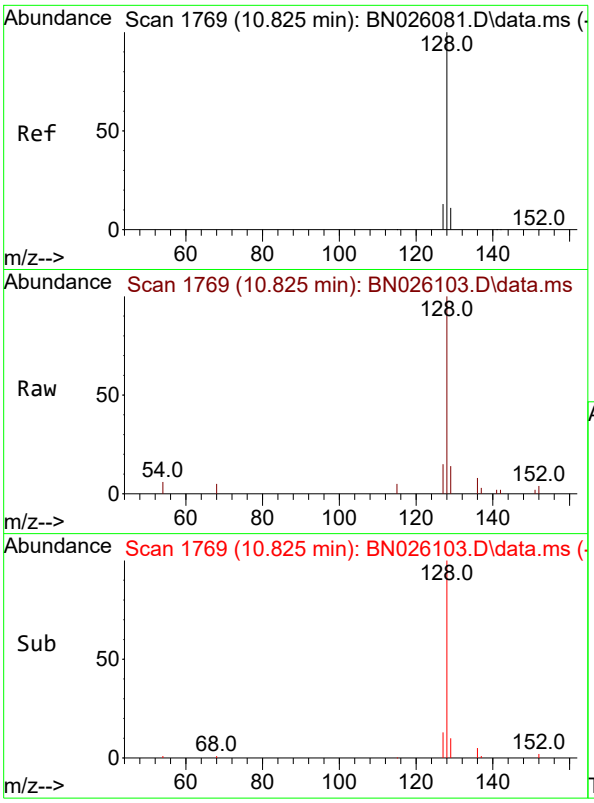
DCFU6

Quant Time: Jun 30 00:45:27 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



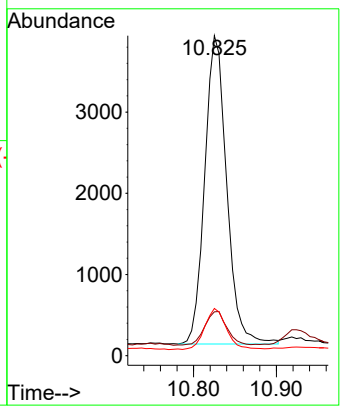


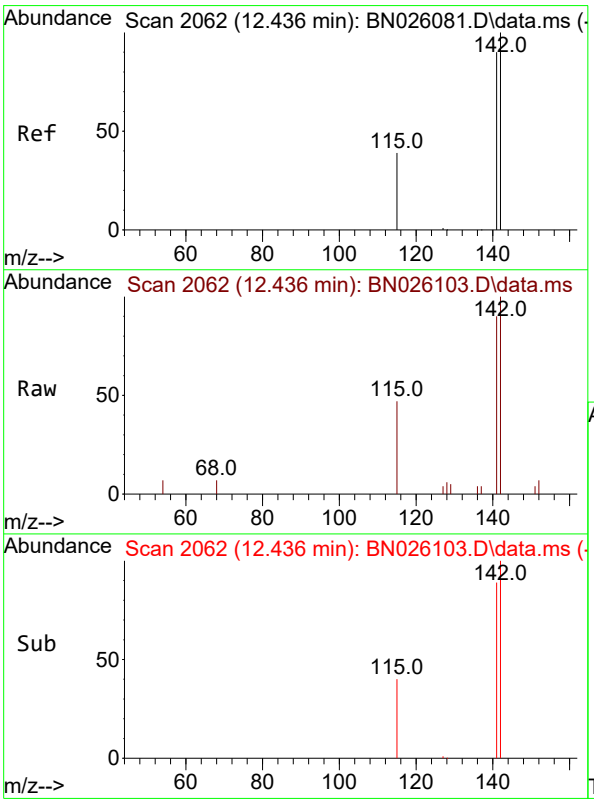
#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.825 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:128 Resp: 7002

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.1	13.7#
127	14.8	10.7	16.1

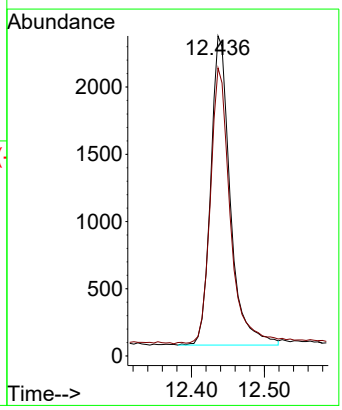


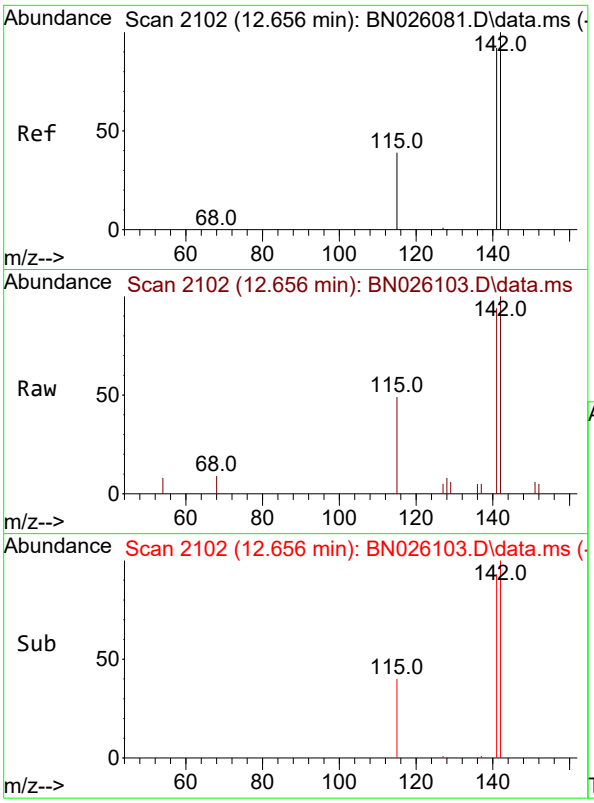


#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:142 Resp: 4294

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9



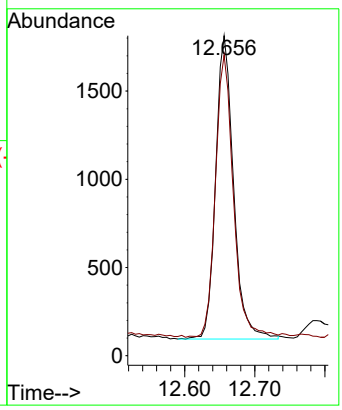


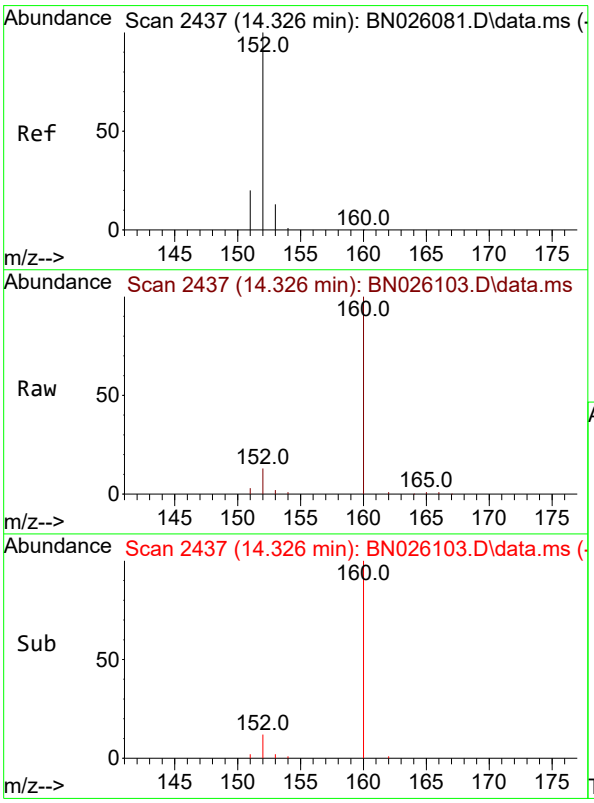
#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.656 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:142 Resp: 3037

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4

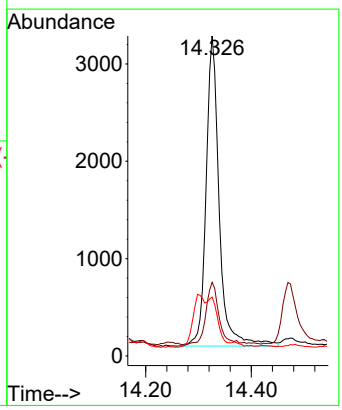


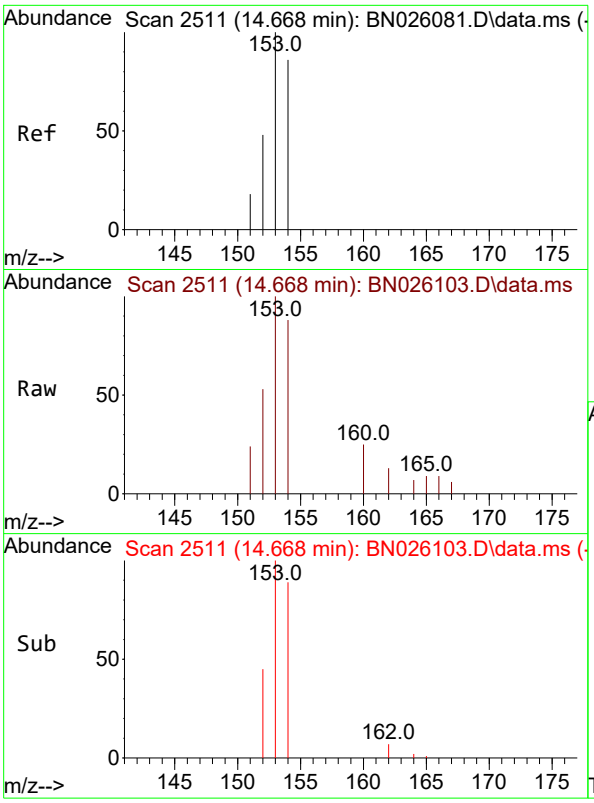


#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:152 Resp: 5471

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.2	24.4
153	18.4	10.9	16.3#



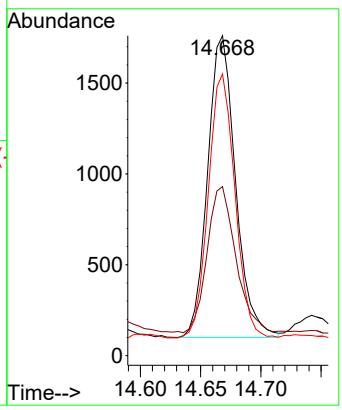


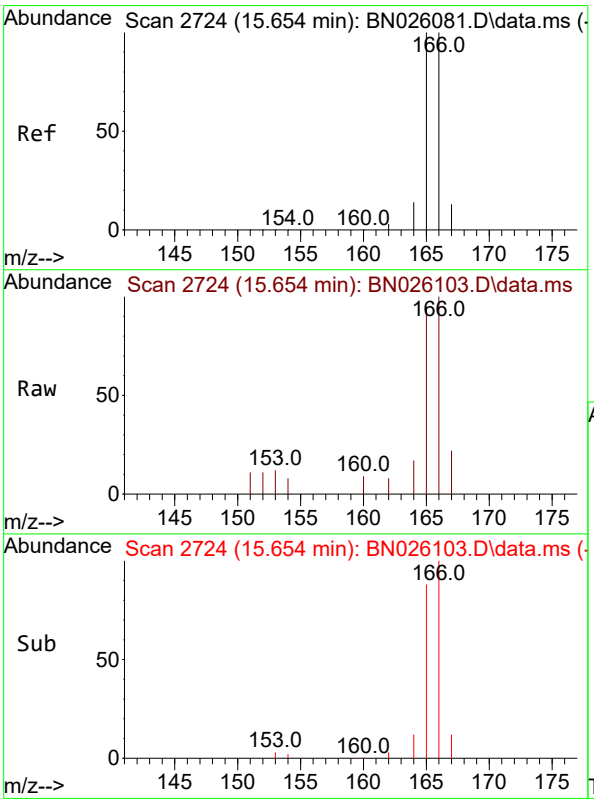
#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.668 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:153 Resp: 2678

Ion	Ratio	Lower	Upper
153	100		
152	52.9	39.4	59.0
154	88.1	68.9	103.3

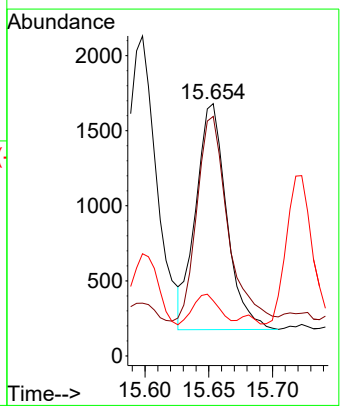


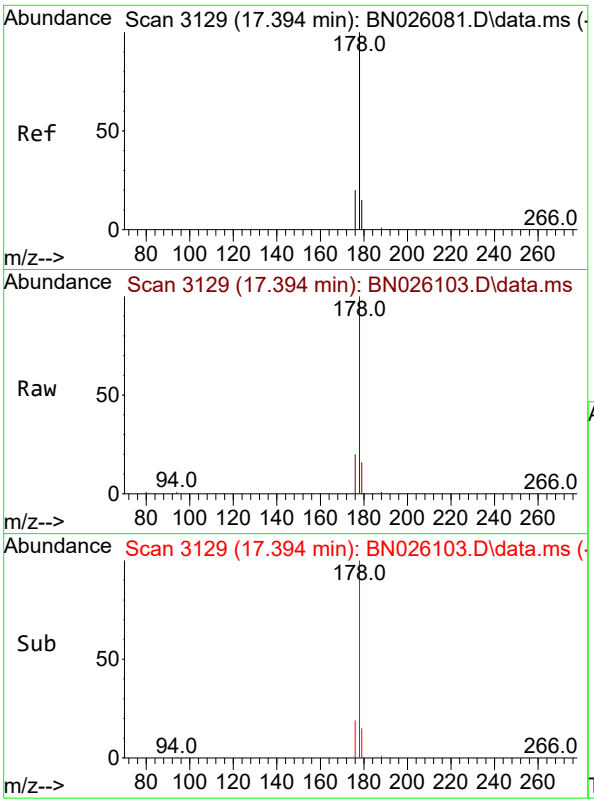


#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:166 Resp: 2531

Ion	Ratio	Lower	Upper
166	100		
165	94.9	79.9	119.9
167	21.9	10.8	16.2#



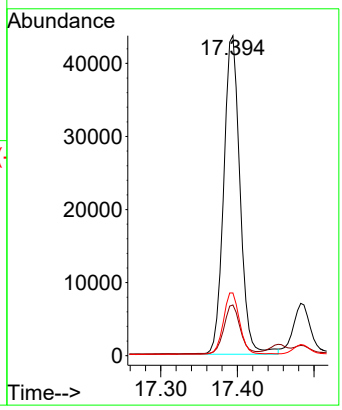


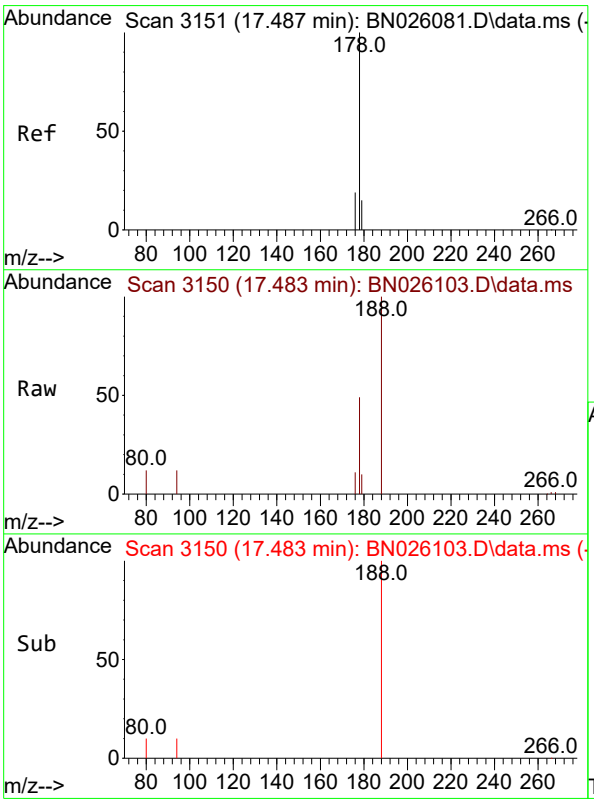
#15
Phenanthrene
Concen: 0.669 ng/ul
RT: 17.394 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:178 Resp: 64449

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.6	15.8	23.6

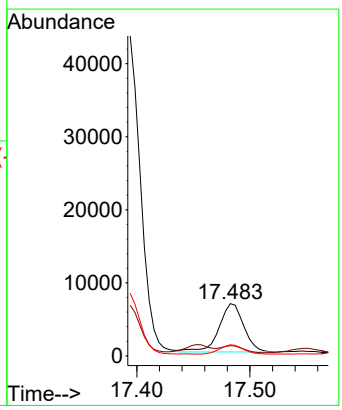


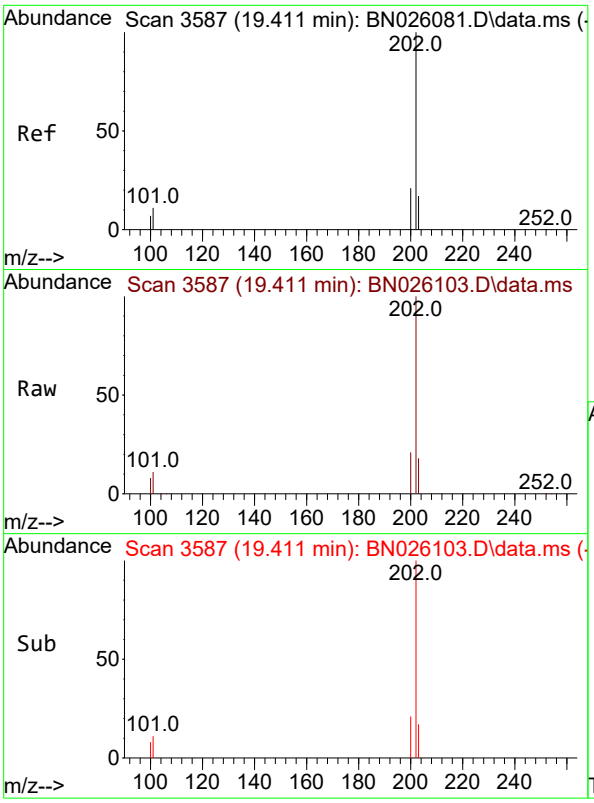


#16
Anthracene
Concen: 0.118 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:178 Resp: 10078

Ion	Ratio	Lower	Upper
178	100		
179	19.5	12.6	18.8#
176	21.5	15.1	22.7



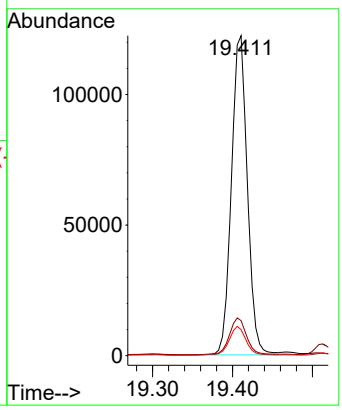


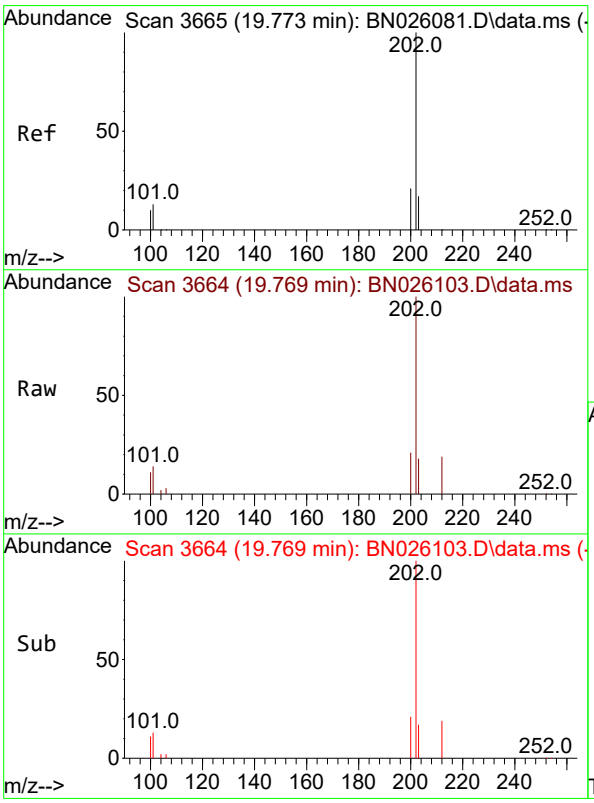
#19
Fluoranthene
Concen: 2.002 ng/ul
RT: 19.411 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:202 Resp: 169444

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.5	14.3
100	8.2	7.3	10.9

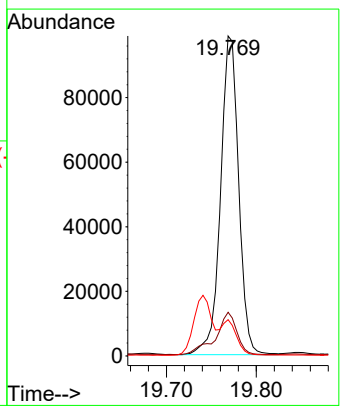


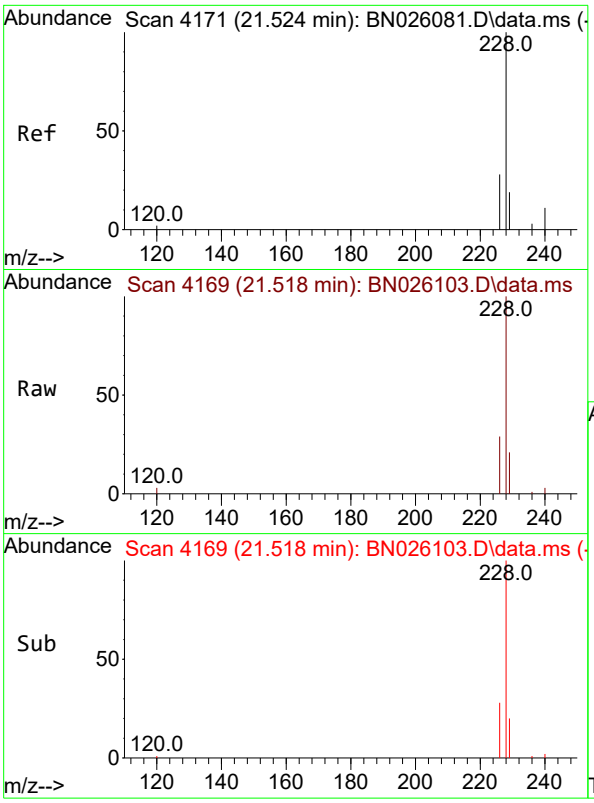


#20
Pyrene
Concen: 1.568 ng/ul
RT: 19.769 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:202 Resp: 138002

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	11.3	9.1	13.7



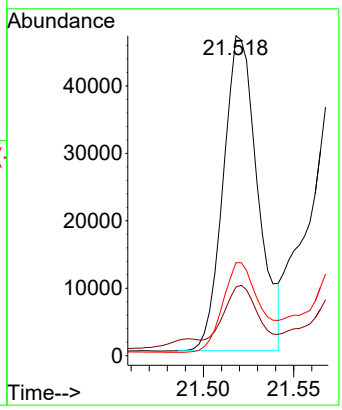


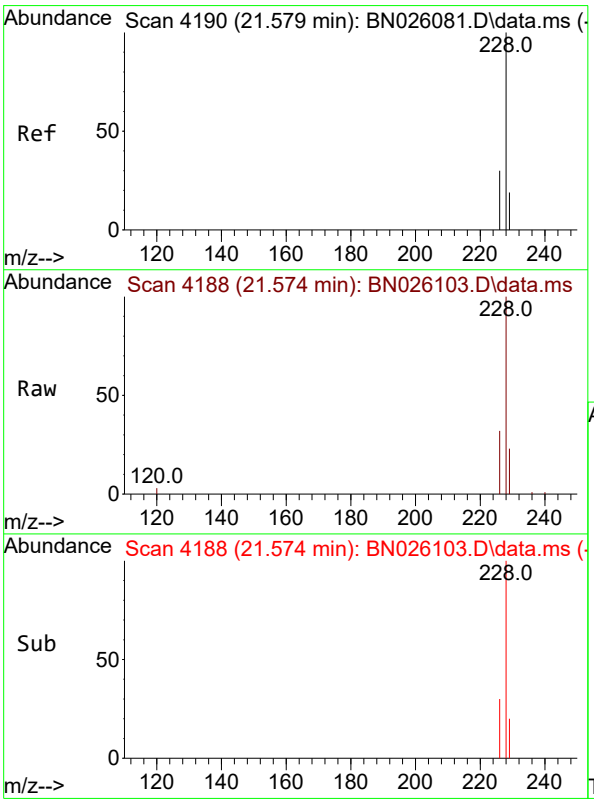
#21
Benzo(a)anthracene
Concen: 0.948 ng/ul
RT: 21.518 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:228 Resp: 61940

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	29.0	22.5	33.7

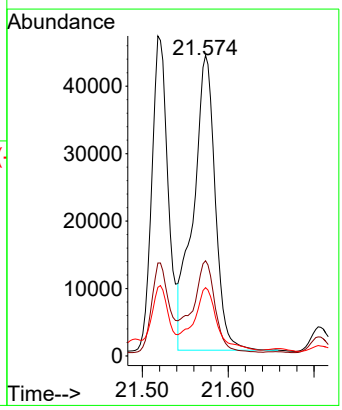


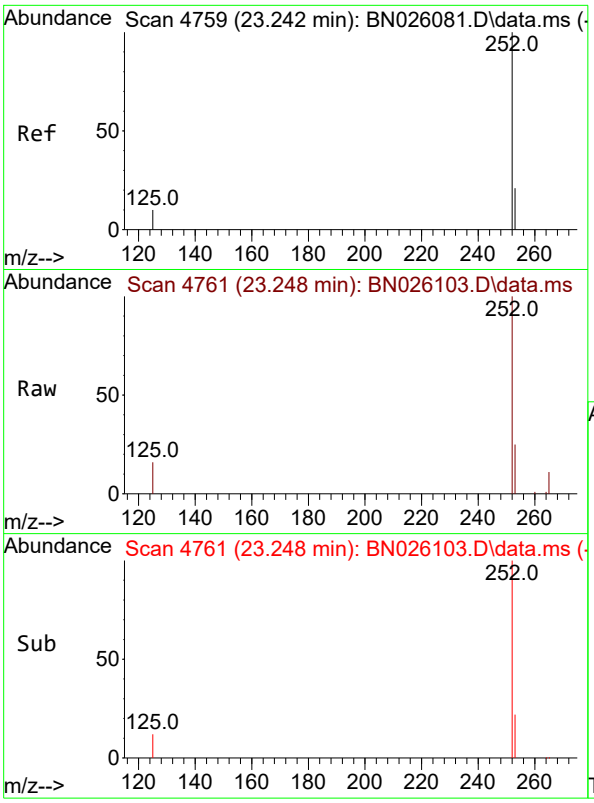


#22
Chrysene
Concen: 1.139 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:228 Resp: 77497

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	22.7	15.7	23.5



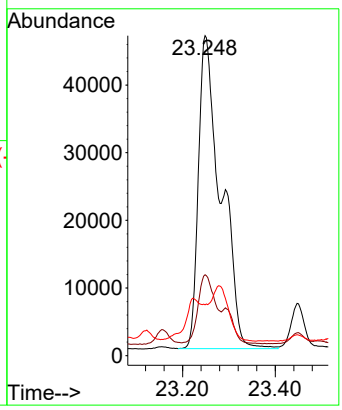


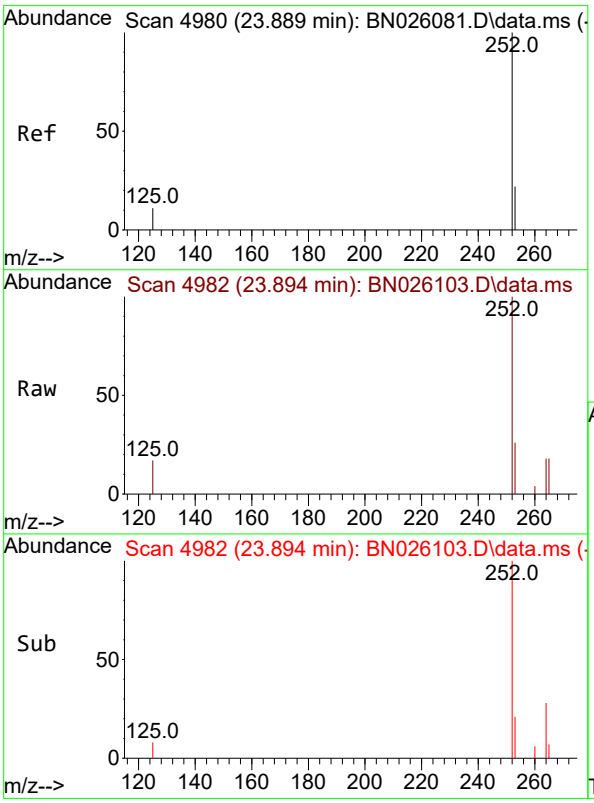
#24
Benzo(b)fluoranthene
Concen: 2.276 ng/ul
RT: 23.248 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:252 Resp: 155781

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	55.6
125	15.9	0.0	35.8

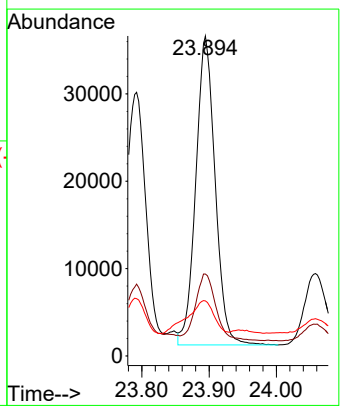


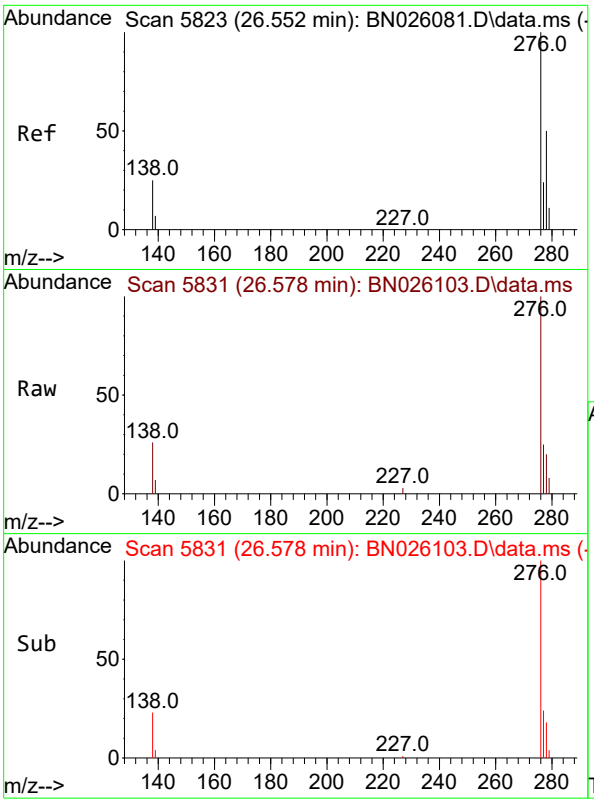


#26
Benzo(a)pyrene
Concen: 1.188 ng/ul
RT: 23.894 min Scan# 4982
Delta R.T. -0.011 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:252 Resp: 70620

Ion	Ratio	Lower	Upper
252	100		
253	25.6	26.0	39.0#
125	17.2	17.3	25.9#



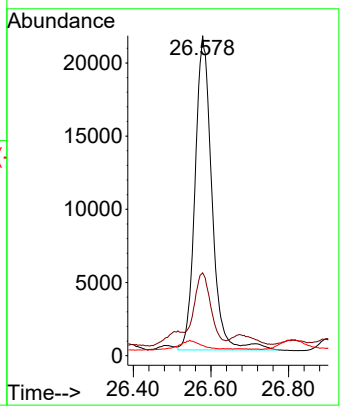


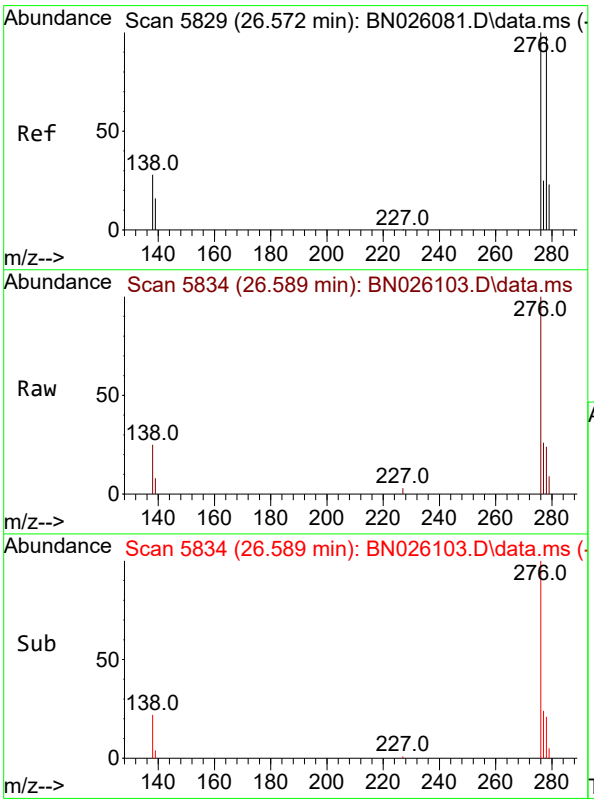
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.990 ng/ul
RT: 26.578 min Scan# 5
Delta R.T. -0.016 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:276 Resp: 64289

Ion	Ratio	Lower	Upper
276	100		
138	23.1	24.5	36.7#
227	0.0	0.0	0.0

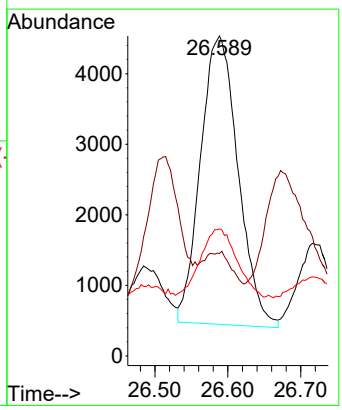


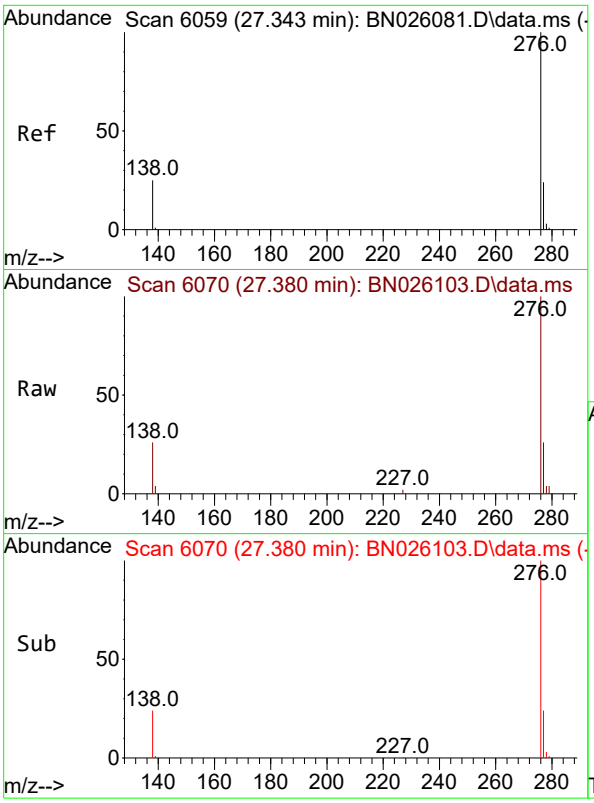


#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.589 min Scan# 5834
Delta R.T. -0.026 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Tgt Ion:278 Resp: 14618

Ion	Ratio	Lower	Upper
278	100		
139	32.0	19.0	28.4#
279	39.7	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 1.082 ng/ul
RT: 27.380 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN026103.D
Acq: 29 Jun 2023 20:20

Instrument :
BNA_N
ClientSampleId :
DCFU6

Tgt Ion:276 Resp: 62463

Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.4	35.0
277	25.5	20.0	30.0