Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026208.D
Acq On : 03 Jul 2023 03:22
Operator : MA/JU
Sample : 03244-14
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCGF3

Quant Time: Jul 03 06:29:21 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 : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	8231	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25127	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	27502	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	14729	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	17174	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	24432	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7497	0.194	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	12641	0.225	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	39427	0.547	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	15010	0.327	ng/ul	97
8) 1-Methylnaphthalene	12.645	142	9492	0.200	ng/ul	99
10) Acenaphthylene	14.320	152	99786	1.443	ng/ul	99
11) Acenaphthene	14.658	153	11758	0.208	ng/ul	99
12) Fluorene	15.643	166	10669	0.164	ng/ul#	98
15) Phenanthrene	17.389	178	209776	2.309	ng/ul	99
16) Anthracene	17.478	178	80425	0.996	ng/ul	100
19) Fluoranthene	19.405	202	558840	7.104	ng/ul	97
20) Pyrene	19.768	202	461360	5.638	ng/ul	96
21) Benzo(a)anthracene	21.517	228	237294	3.905	ng/ul	95
22) Chrysene	21.573	228	255313	4.038	ng/ul#	95
24) Benzo(b)fluoranthene	23.244	252	627452	8.560	ng/ul	90
26) Benzo(a)pyrene	23.888	252	293204	4.605	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.557	276	267262	3.843	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.564	278	62577	1.189	ng/ul	99
29) Benzo(g,h,i)perylene	27.359	276	255267	4.127	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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Quant Time: Jul 03 06:29:21 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 : Sat Jul 01 01:46:24 2023
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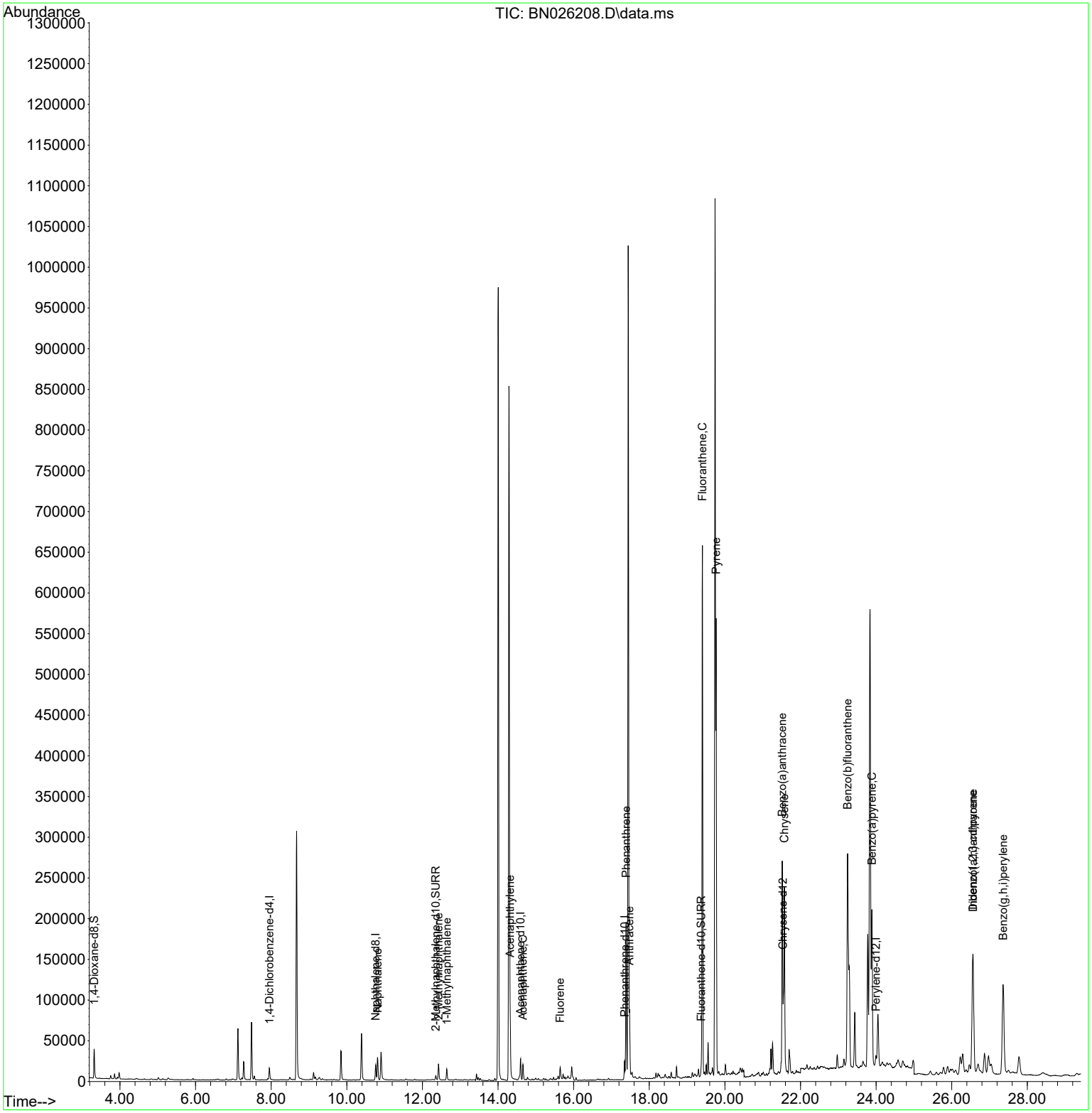
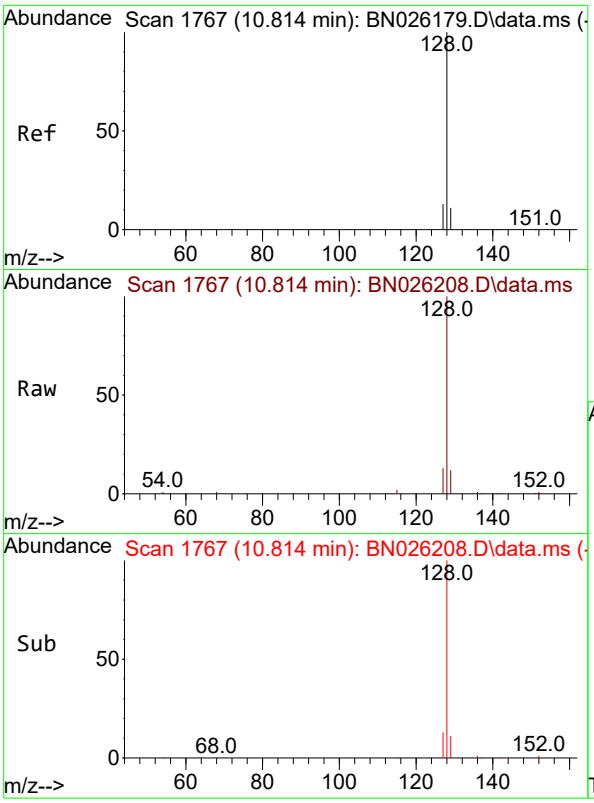


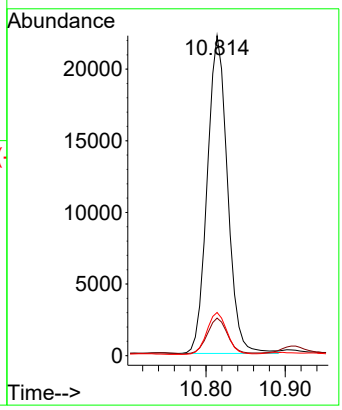


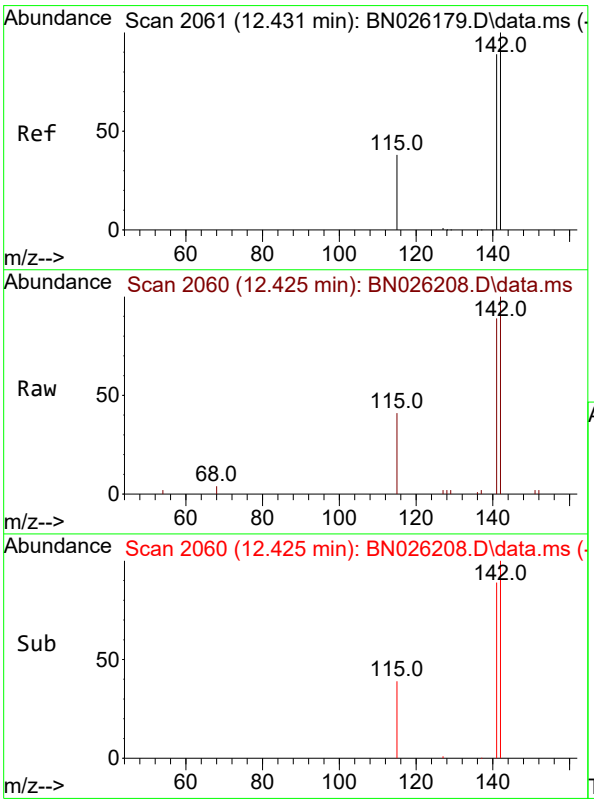
#5
Naphthalene
Concen: 0.547 ng/ul
RT: 10.814 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:128 Resp: 39427

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.5	10.7	16.1

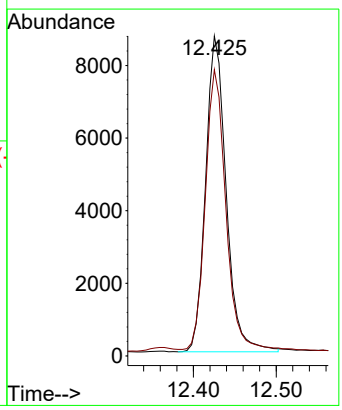


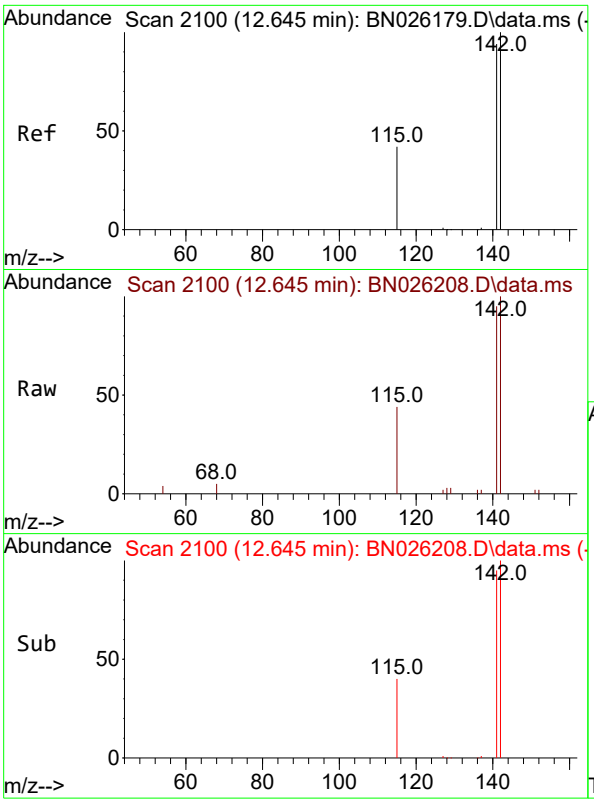


#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:142 Resp: 15010

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.9	107.9



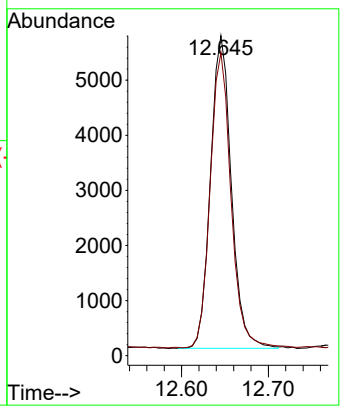


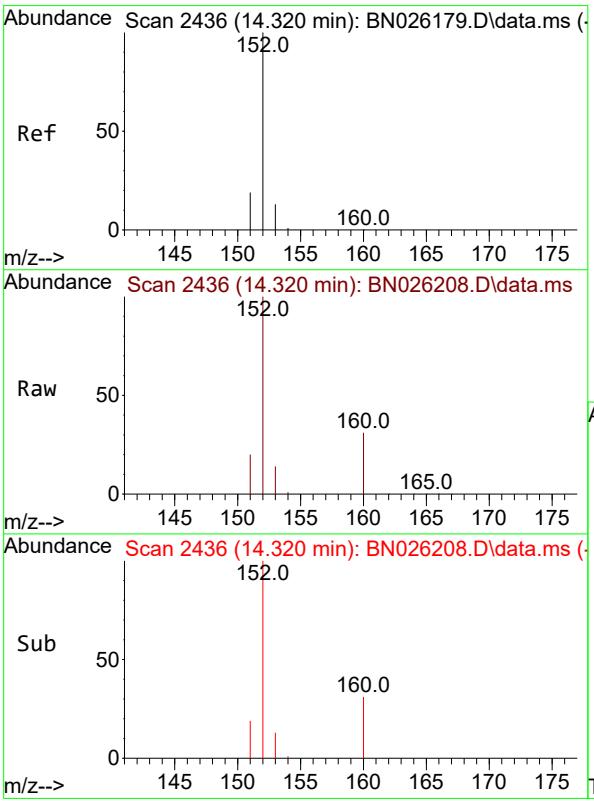
#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.645 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:142 Resp: 9492

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4

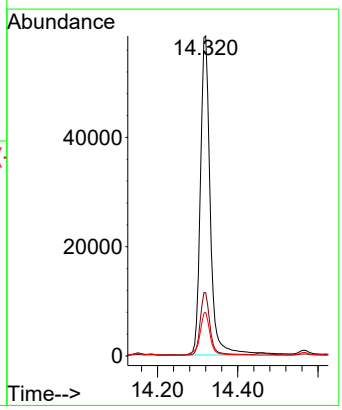


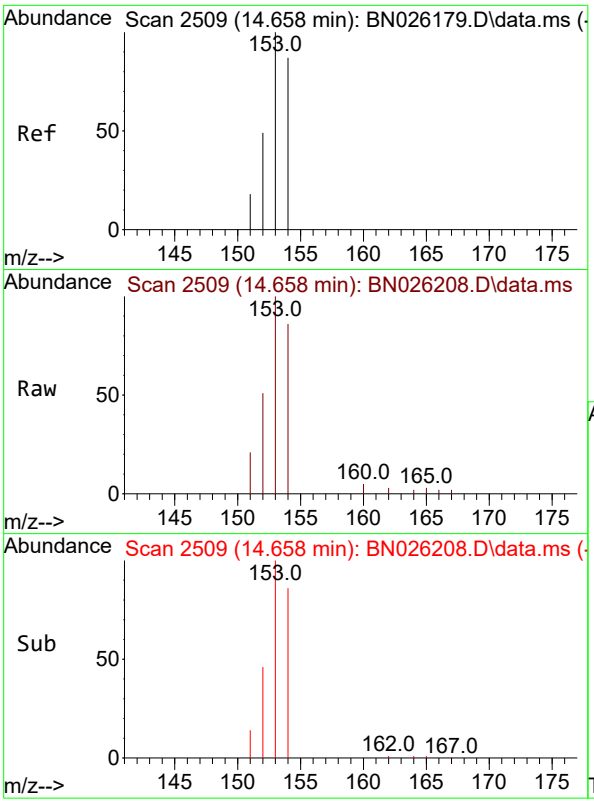


#10
Acenaphthylene
Concen: 1.443 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:152 Resp: 99786

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.6	10.9	16.3



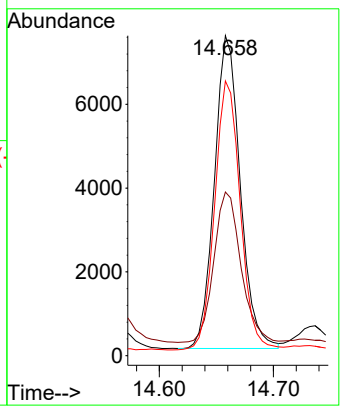


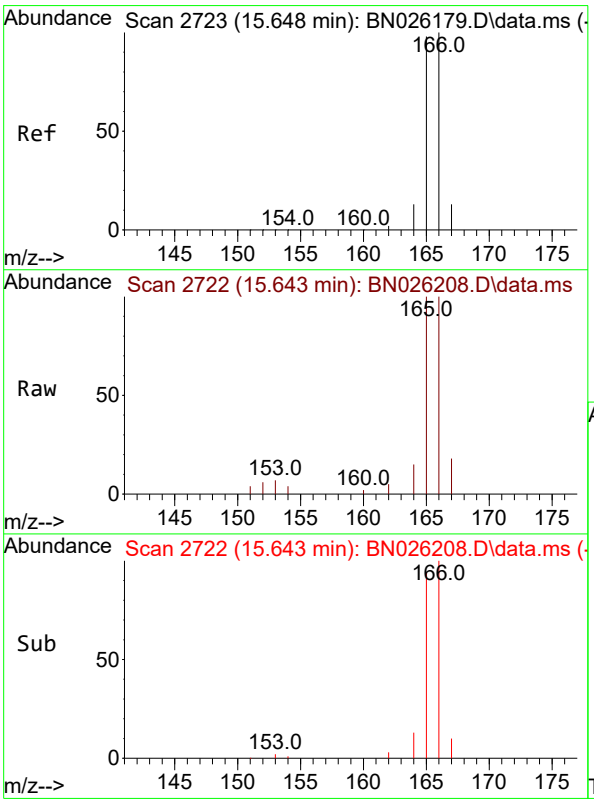
#11
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.658 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:153 Resp: 11758

Ion	Ratio	Lower	Upper
153	100		
152	51.2	39.4	59.0
154	85.9	68.9	103.3

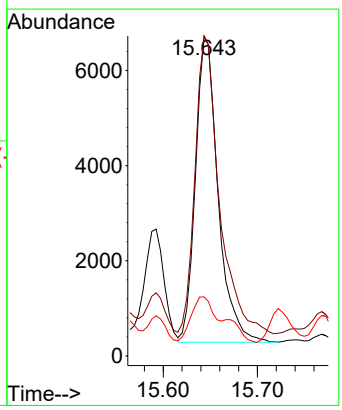


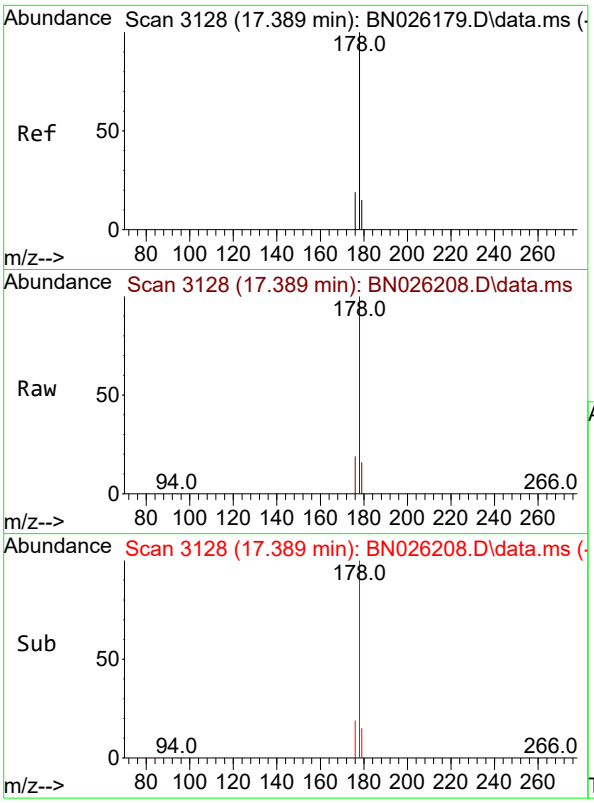


#12
Fluorene
Concen: 0.164 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:166 Resp: 10669

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	18.5	10.8	16.2#



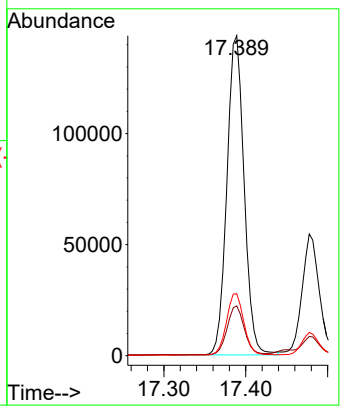


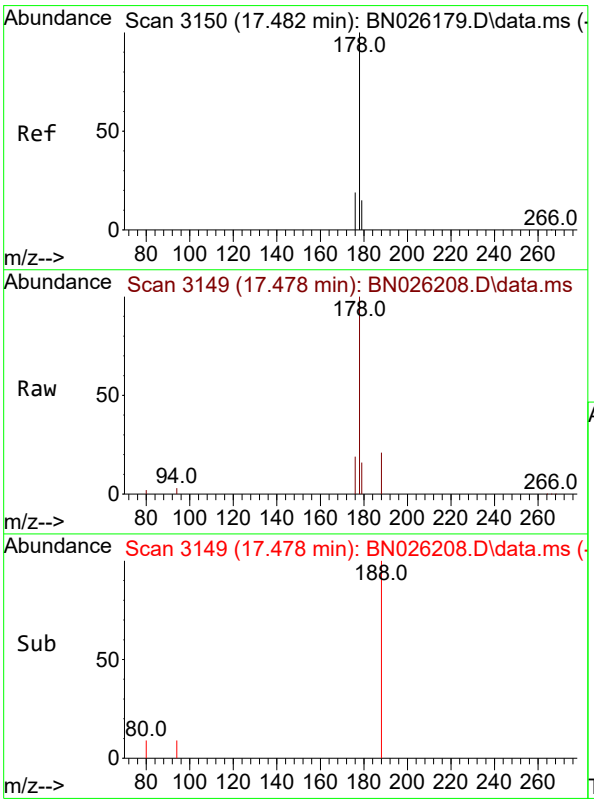
#15
Phenanthrene
Concen: 2.309 ng/ul
RT: 17.389 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:178 Resp: 209776

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.4	15.8	23.6

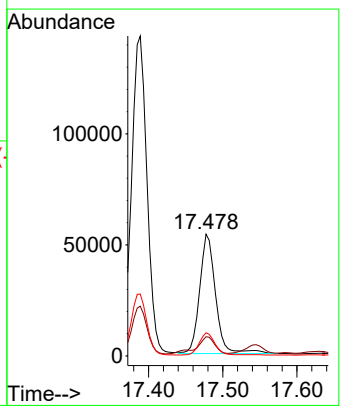


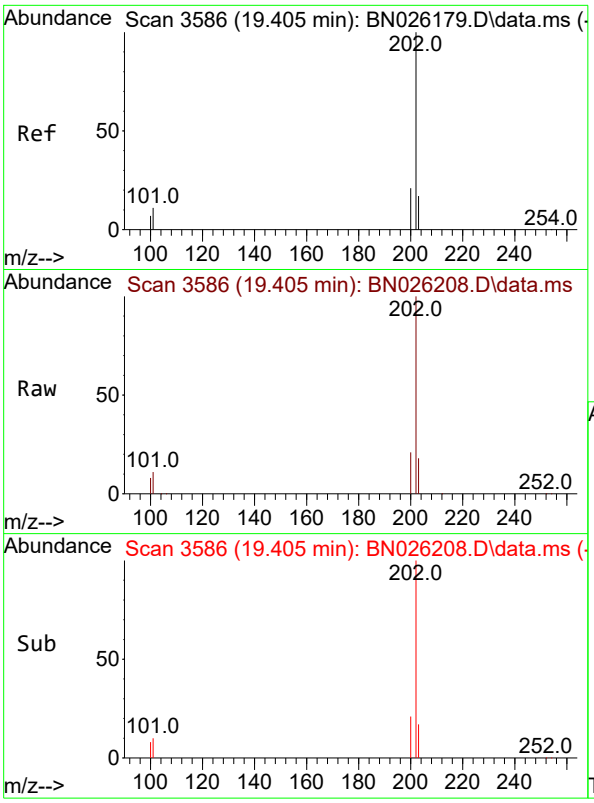


#16
Anthracene
Concen: 0.996 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:178 Resp: 80425

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.1	15.1	22.7



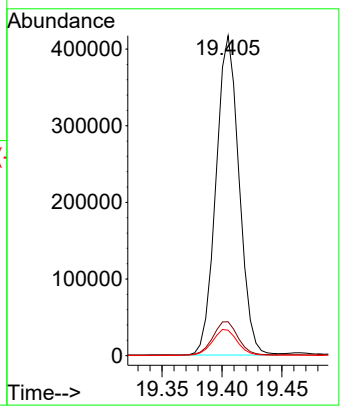


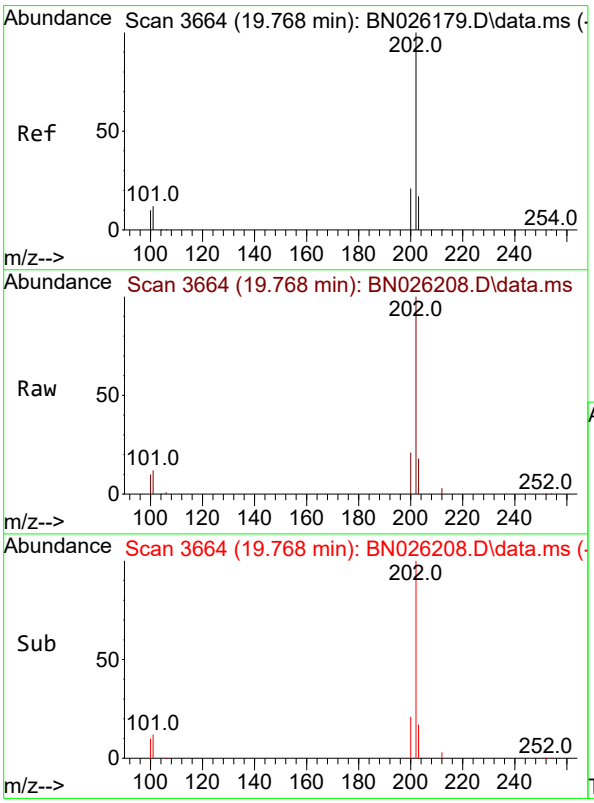
#19
Fluoranthene
Concen: 7.104 ng/ul
RT: 19.405 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:202 Resp: 558840

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.5	14.3
100	7.9	7.3	10.9

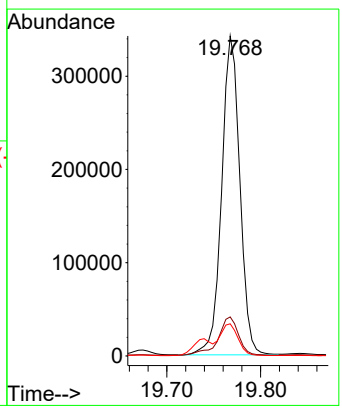


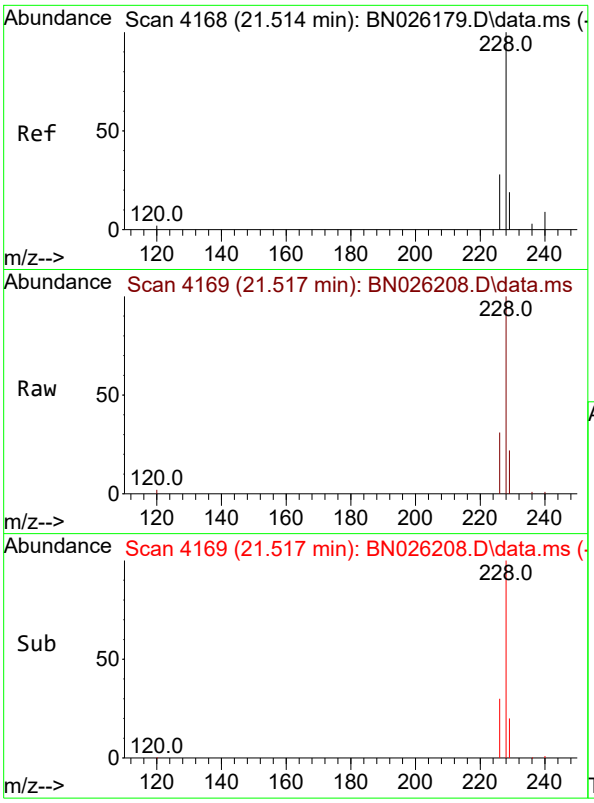


#20
Pyrene
Concen: 5.638 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:202 Resp: 461360

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.4	17.0
100	10.0	9.1	13.7



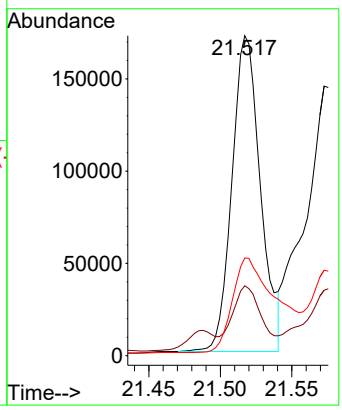


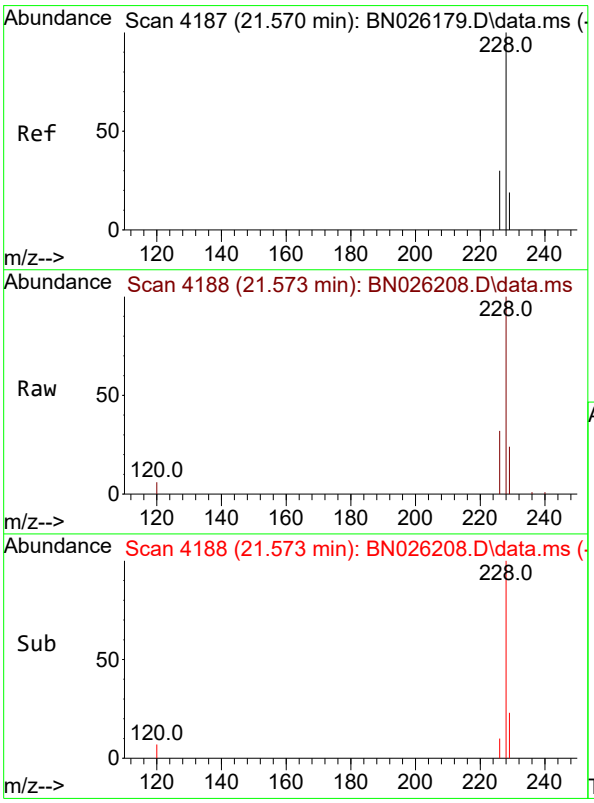
#21
Benzo(a)anthracene
Concen: 3.905 ng/ul
RT: 21.517 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:228 Resp: 237294

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	30.6	22.5	33.7

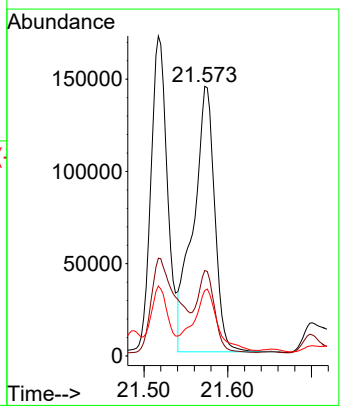


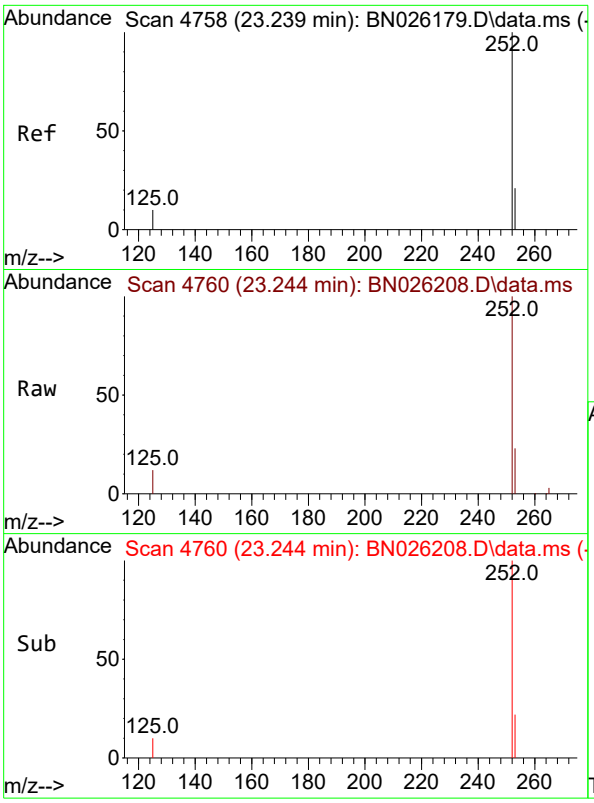


#22
Chrysene
Concen: 4.038 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:228 Resp: 255313

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	24.3	15.7	23.5#



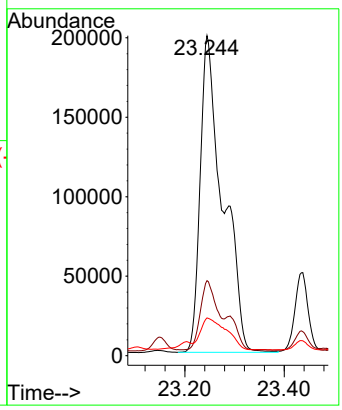


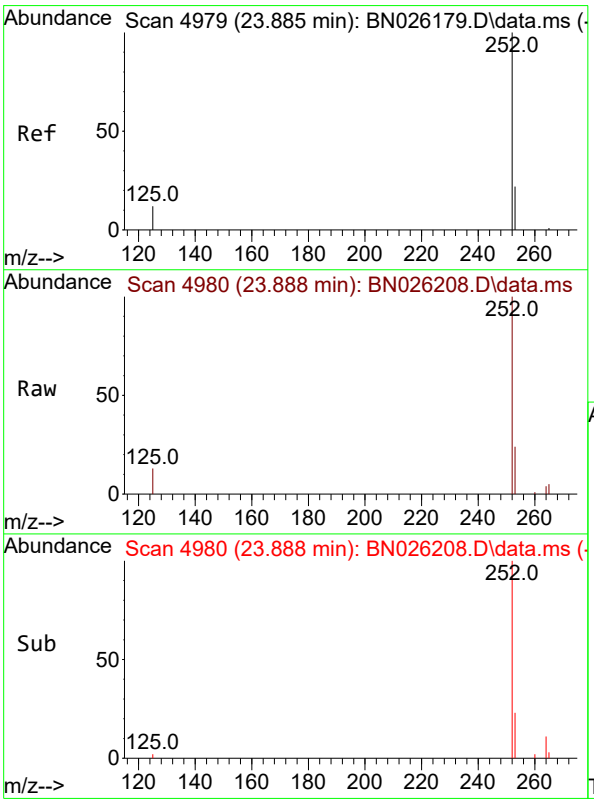
#24
Benzo(b)fluoranthene
Concen: 8.560 ng/ul
RT: 23.244 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:252 Resp: 627452

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	55.6
125	11.8	0.0	35.8

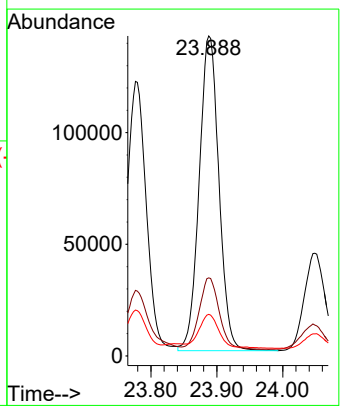


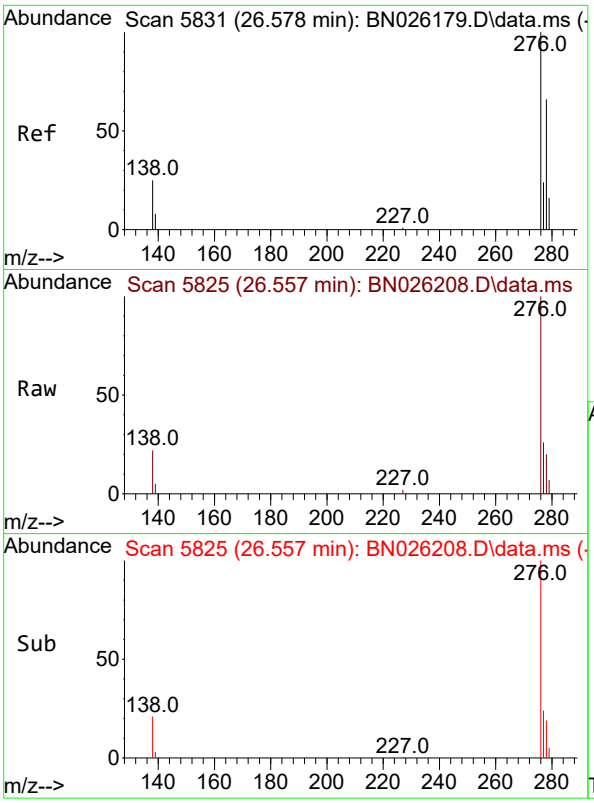


#26
Benzo(a)pyrene
Concen: 4.605 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. 0.002 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:252 Resp: 293204

Ion	Ratio	Lower	Upper
252	100		
253	24.4	26.0	39.0#
125	13.0	17.3	25.9#



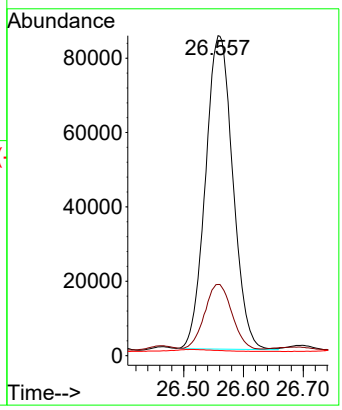


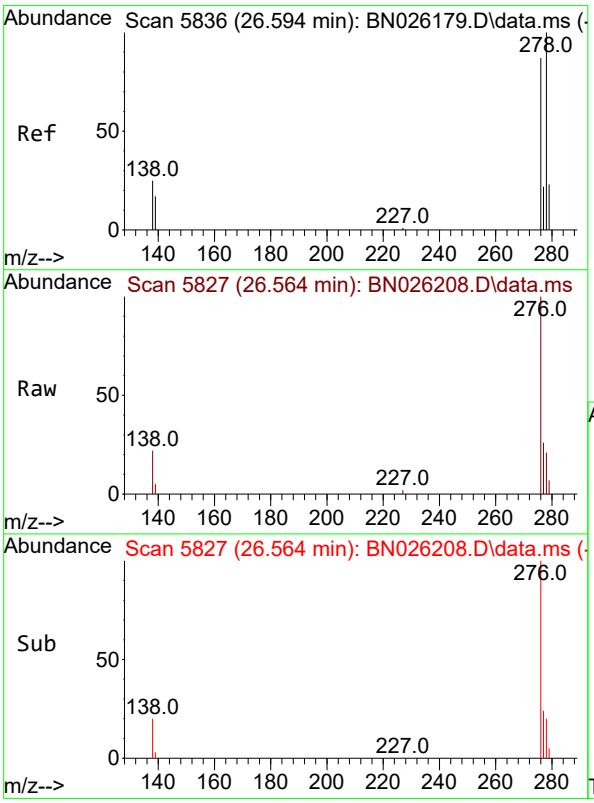
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.843 ng/ul
RT: 26.557 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:276 Resp: 267262

Ion	Ratio	Lower	Upper
276	100		
138	21.1	24.5	36.7#
227	0.0	0.0	0.0

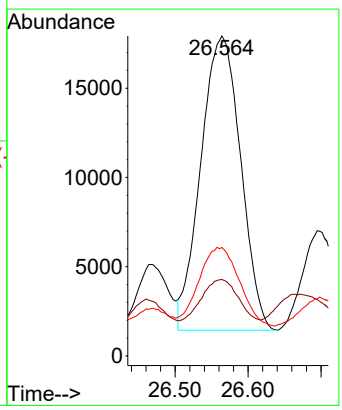


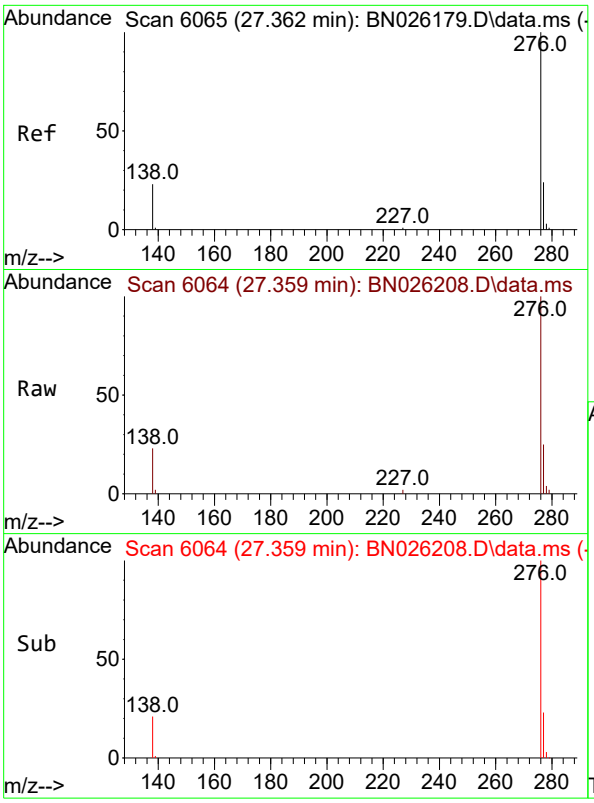


#28
Dibenzo(a,h)anthracene
Concen: 1.189 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.014 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:278 Resp: 62577

Ion	Ratio	Lower	Upper
278	100		
139	23.9	19.0	28.4
279	33.9	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 4.127 ng/ul
RT: 27.359 min Scan# 6
Delta R.T. 0.013 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :
BNA_N
ClientSampleId :
DCGF3

Tgt Ion:276 Resp: 255267

Ion	Ratio	Lower	Upper
276	100		
138	22.9	23.4	35.0#
277	24.7	20.0	30.0