Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026101.D
Acq On : 29 Jun 2023 19:06
Operator : MA/JU
Sample : 03142-22DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Quant Time: Jun 30 00:45:05 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	7.968	152	7400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	24632	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29880	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	17516	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	16427	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	5797	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	1789	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	3778	0.057	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.829	128	4174	0.059	ng/ul#	92
7) 2-Methylnaphthalene	12.446	142	2509	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.661	142	1875	0.040	ng/ul	98
10) Acenaphthylene	14.329	152	3565	0.052	ng/ul#	92
11) Acenaphthene	14.667	153	1867	0.033	ng/ul	98
12) Fluorene	15.652	166	1559	0.024	ng/ul#	93
15) Phenanthrene	17.393	178	45039	0.456	ng/ul	99
16) Anthracene	17.486	178	6803	0.078	ng/ul#	93
19) Fluoranthene	19.409	202	114361	1.222	ng/ul	97
20) Pyrene	19.772	202	94457	0.971	ng/ul	96
21) Benzo(a)anthracene	21.522	228	38102	0.527	ng/ul	96
22) Chrysene	21.572	228	50287	0.669	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	92798	1.324	ng/ul	96
26) Benzo(a)pyrene	23.896	252	38944	0.640	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.580	276	34200	0.514	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.597	278	7739	0.154	ng/ul#	77
29) Benzo(g,h,i)perylene	27.385	276	32556	0.550	ng/ul	98

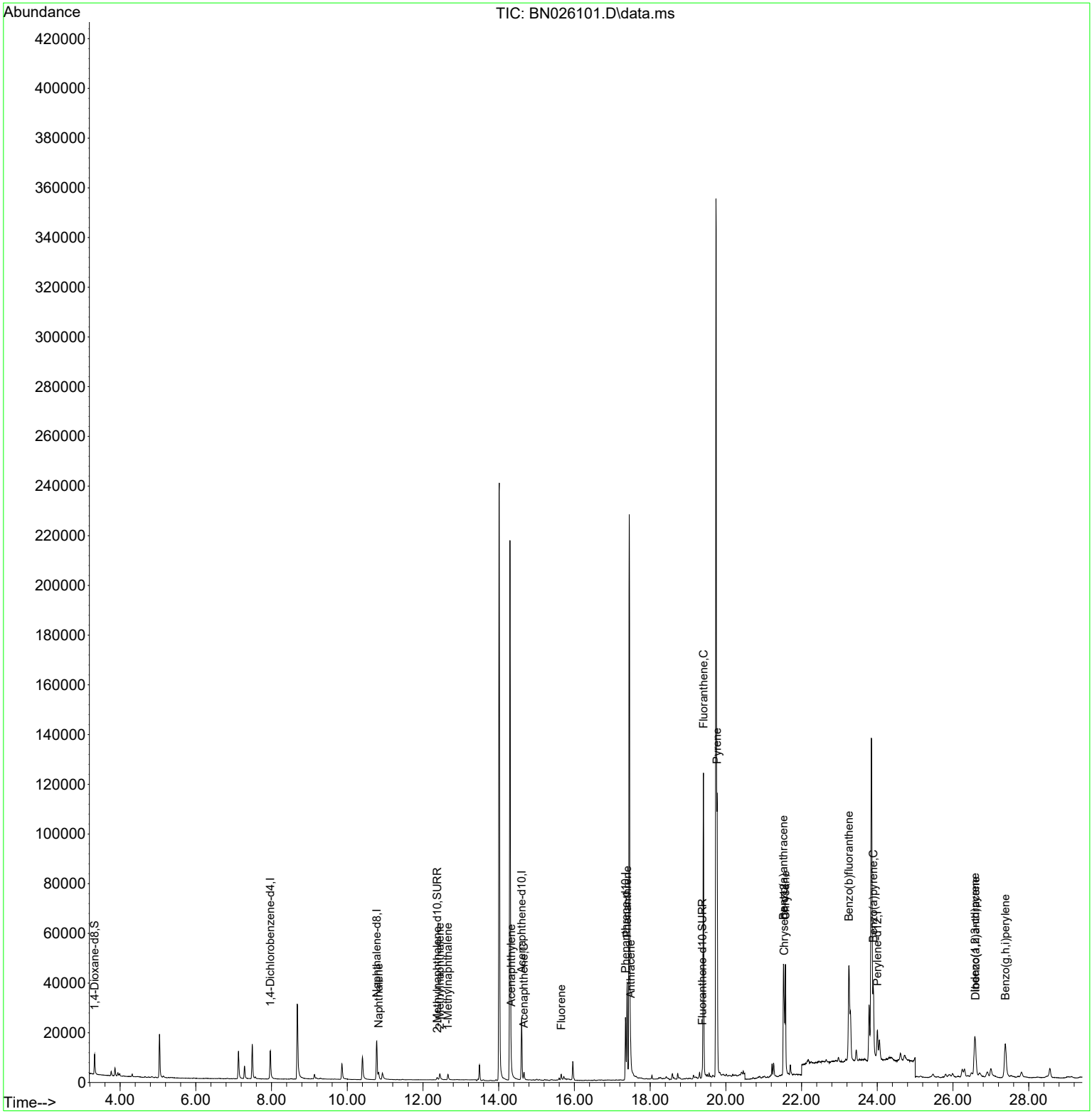
(#) = qualifier out of range (m) = manual integration (+) = signals summed

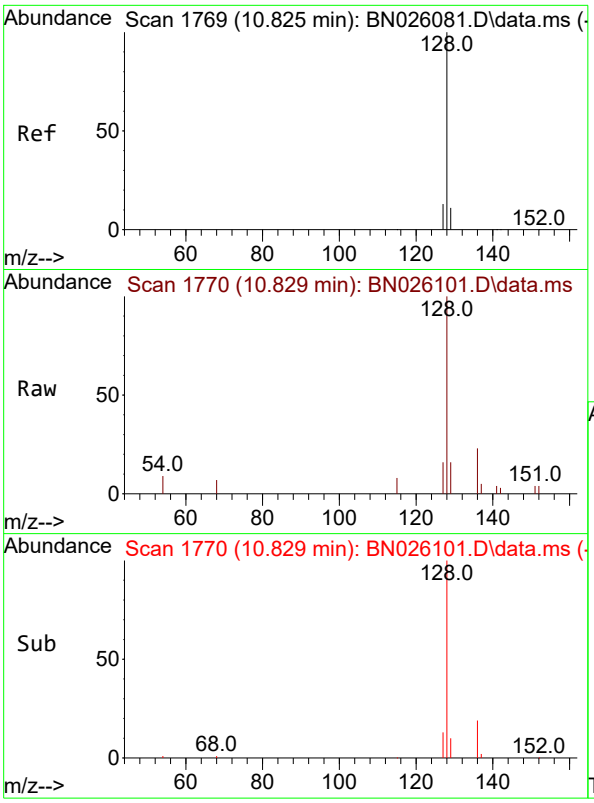
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026101.D
Acq On : 29 Jun 2023 19:06
Operator : MA/JU
Sample : 03142-22DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Quant Time: Jun 30 00:45:05 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



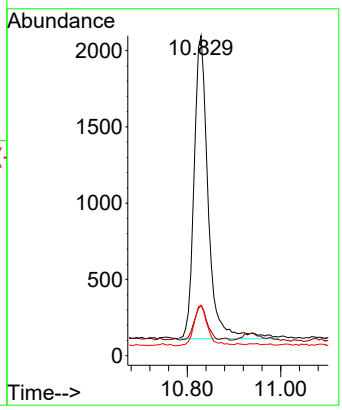


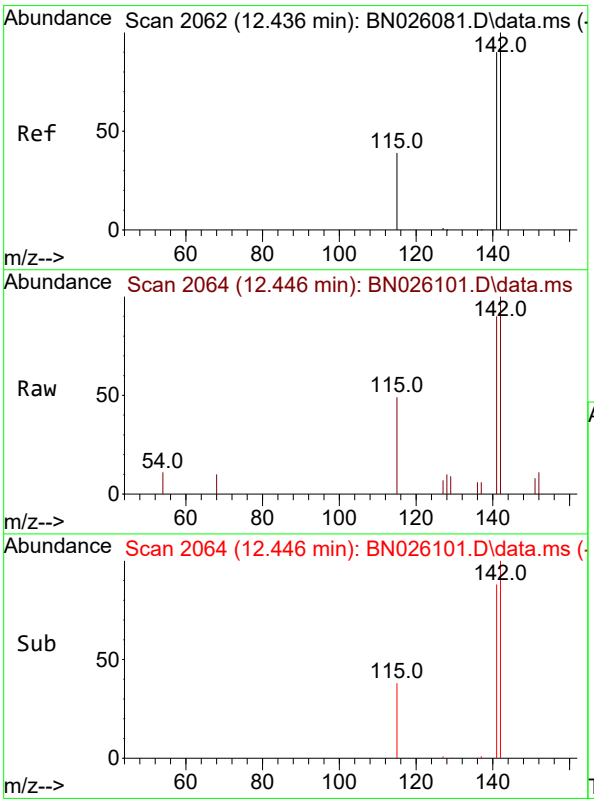
#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.829 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:128 Resp: 4174

Ion	Ratio	Lower	Upper
128	100		
129	15.7	9.1	13.7#
127	15.6	10.7	16.1

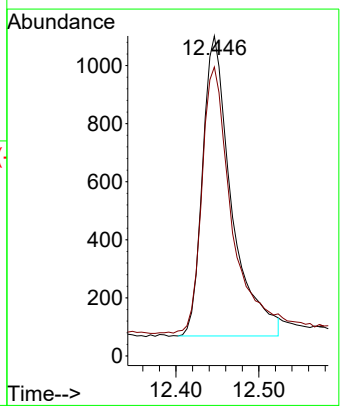


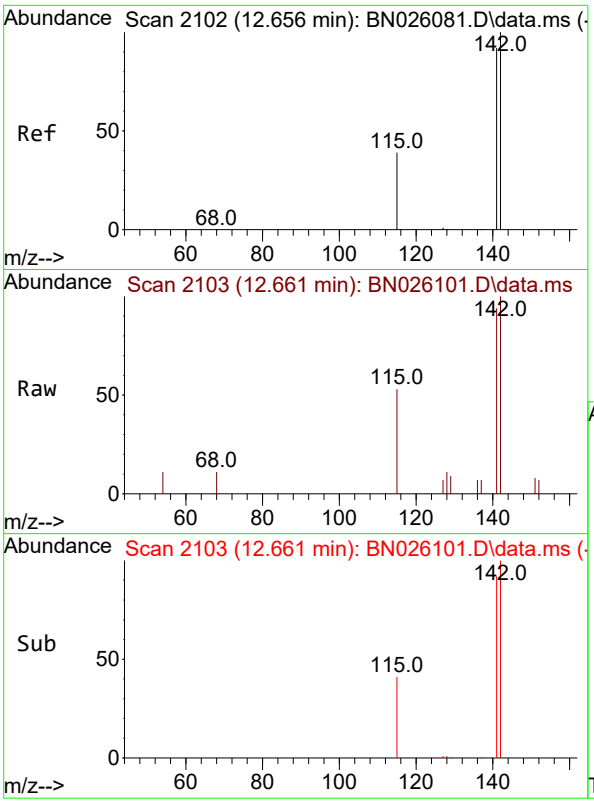


#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:142 Resp: 2509

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9



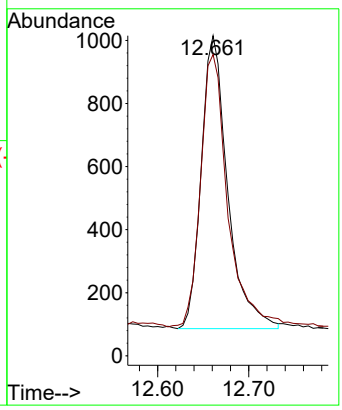


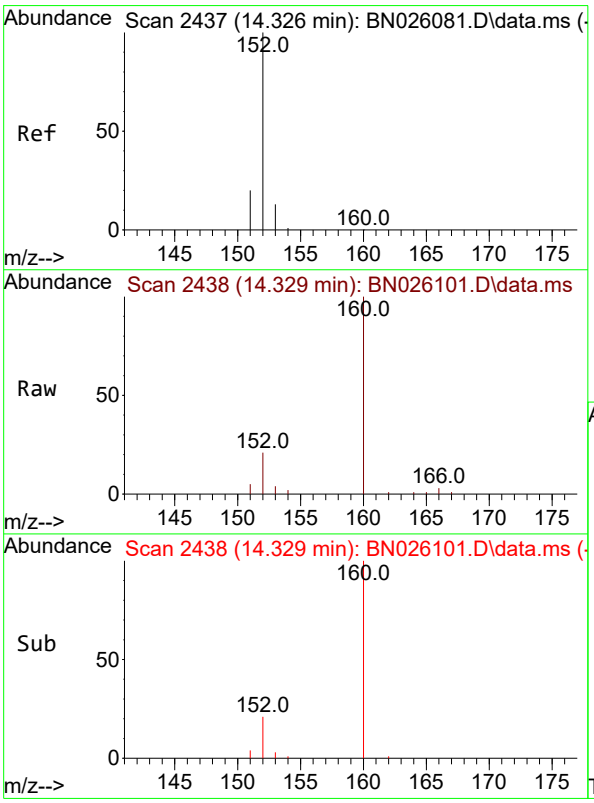
#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.661 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:142 Resp: 1875

Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.2	111.4

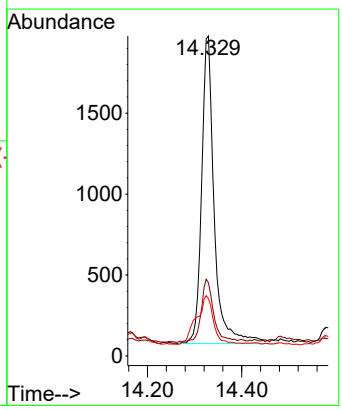


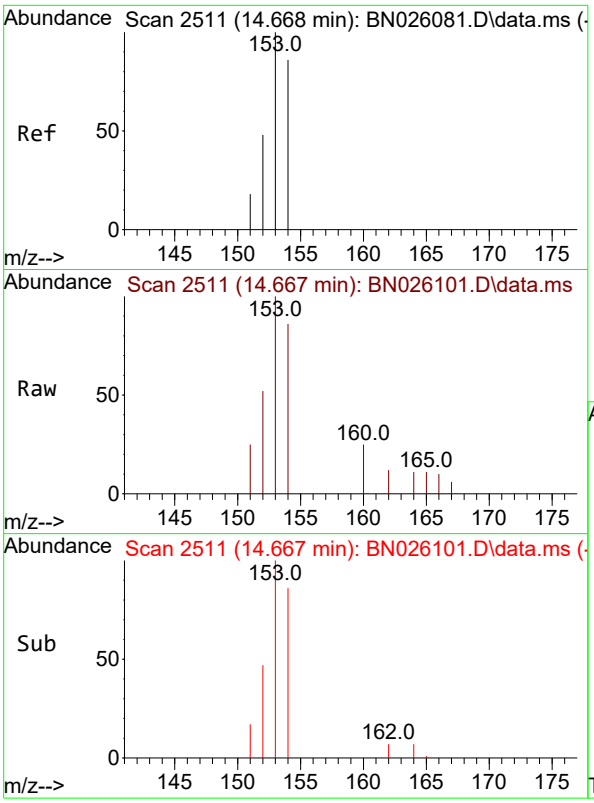


#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:152 Resp: 3565

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.2	24.4
153	17.9	10.9	16.3#



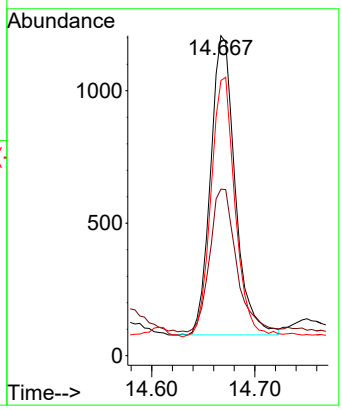


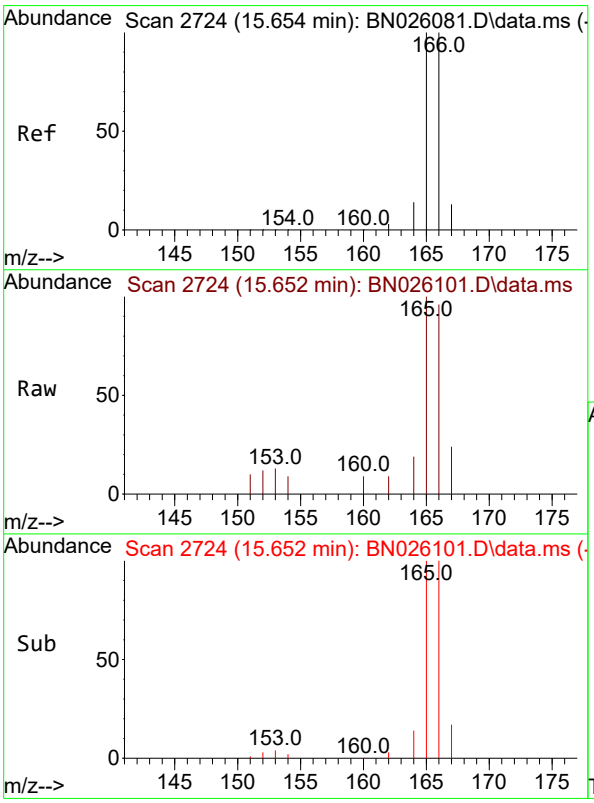
#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.667 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:153 Resp: 1867

Ion	Ratio	Lower	Upper
153	100		
152	52.1	39.4	59.0
154	86.0	68.9	103.3

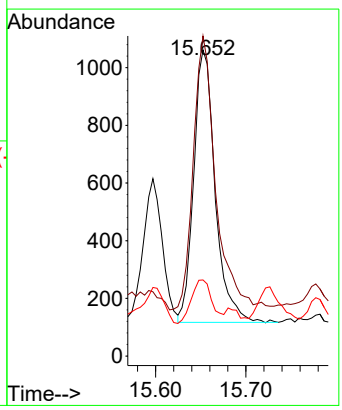


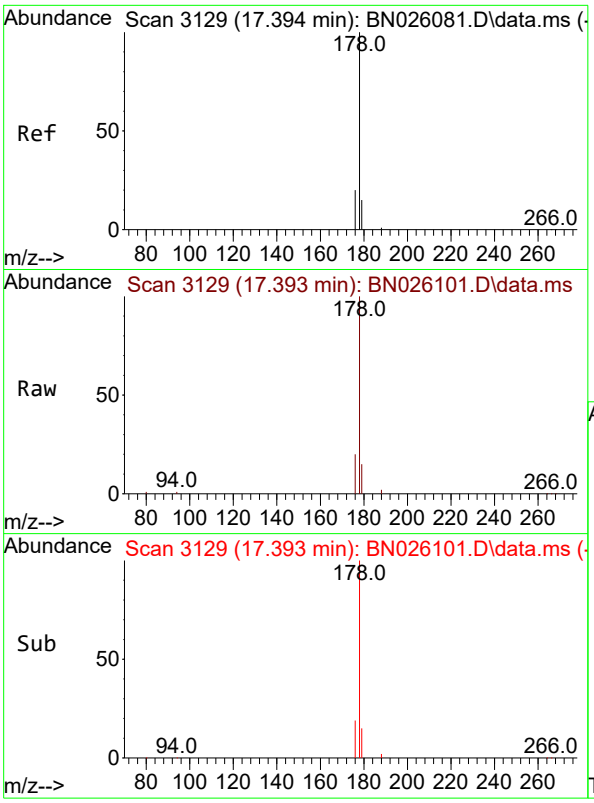


#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.652 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:166 Resp: 1559

Ion	Ratio	Lower	Upper
166	100		
165	104.5	79.9	119.9
167	24.9	10.8	16.2#



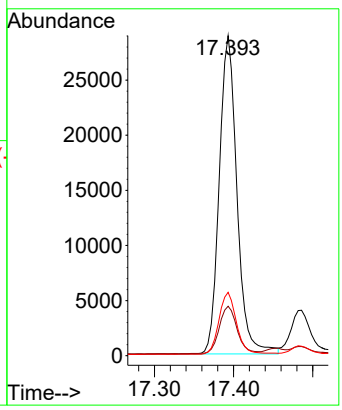


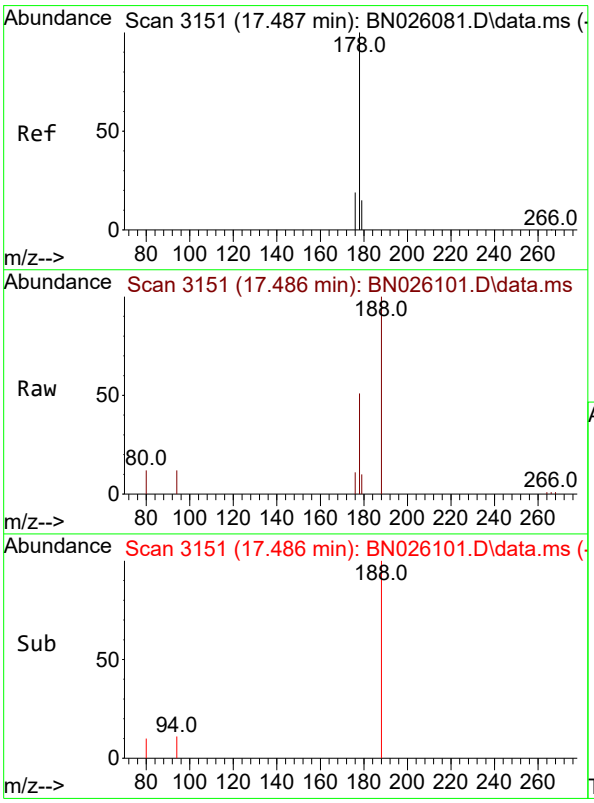
#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 17.393 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:178 Resp: 45039

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.8	15.8	23.6

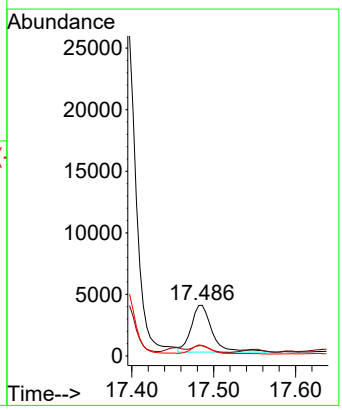


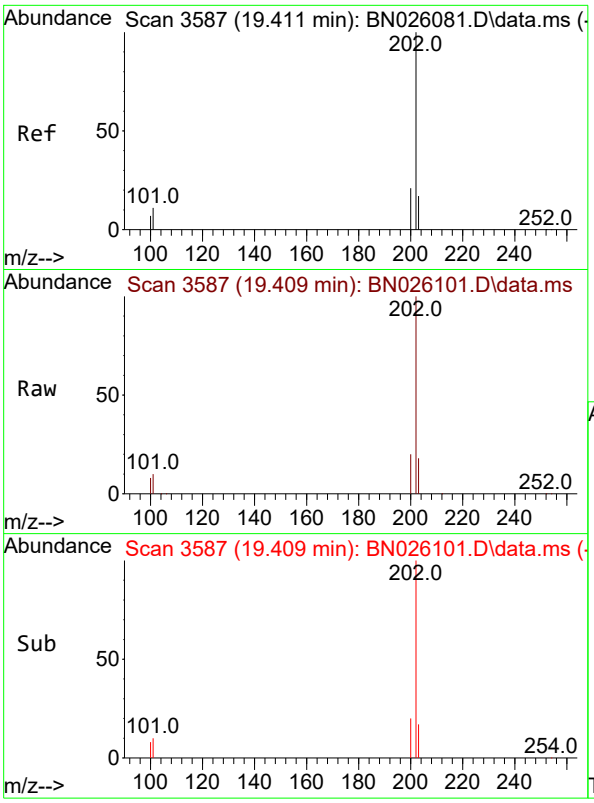


#16
Anthracene
Concen: 0.078 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:178 Resp: 6803

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.6	18.8#
176	21.0	15.1	22.7



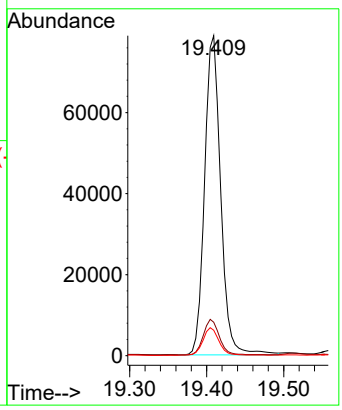


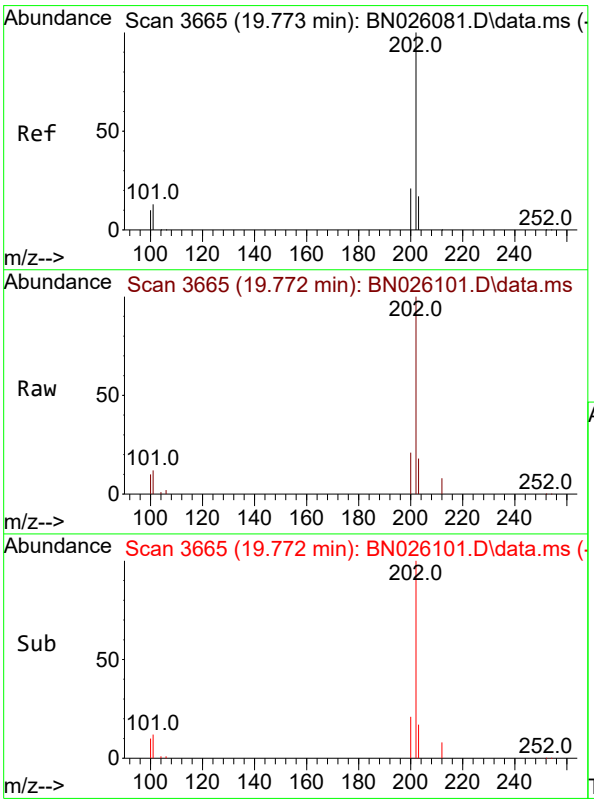
#19
Fluoranthene
Concen: 1.222 ng/ul
RT: 19.409 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:202 Resp: 114361

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.5	14.3
100	8.0	7.3	10.9

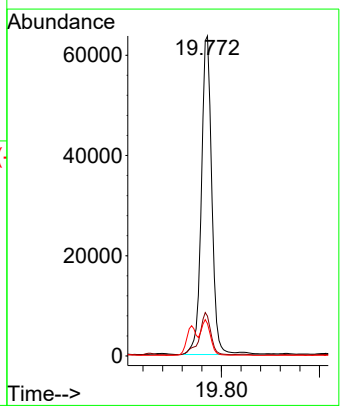


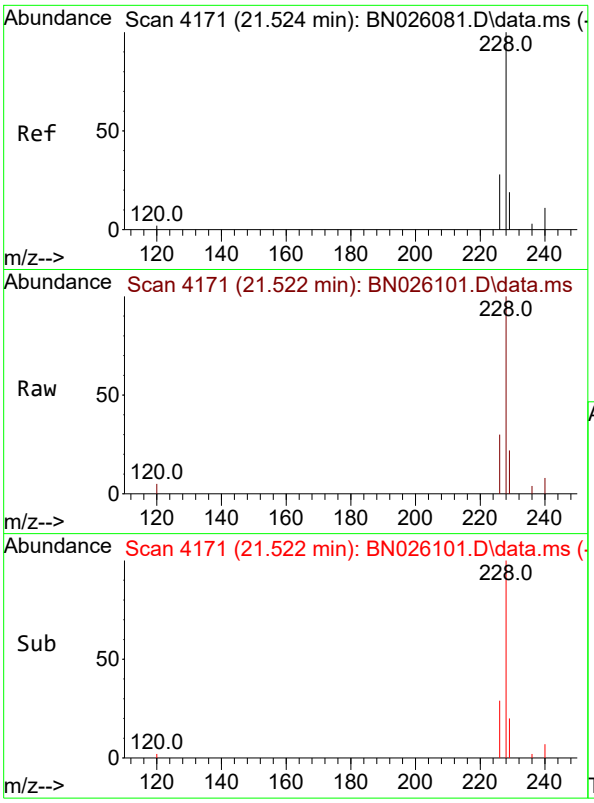


#20
Pyrene
Concen: 0.971 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:202 Resp: 94457

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.4	17.0
100	10.1	9.1	13.7



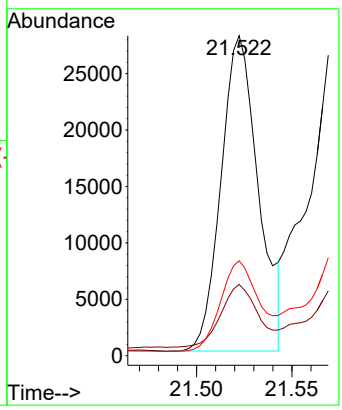


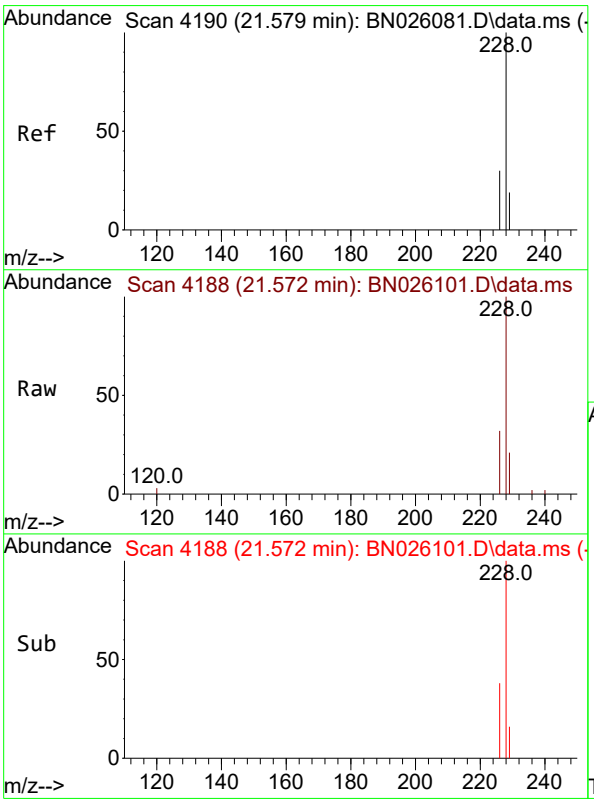
#21
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 21.522 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:228 Resp: 38102

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	29.6	22.5	33.7

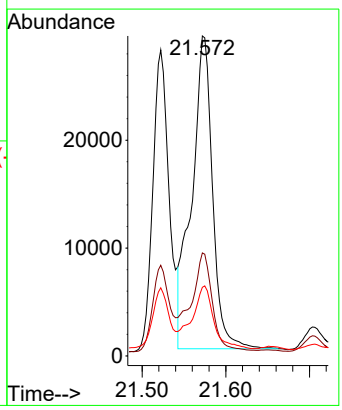


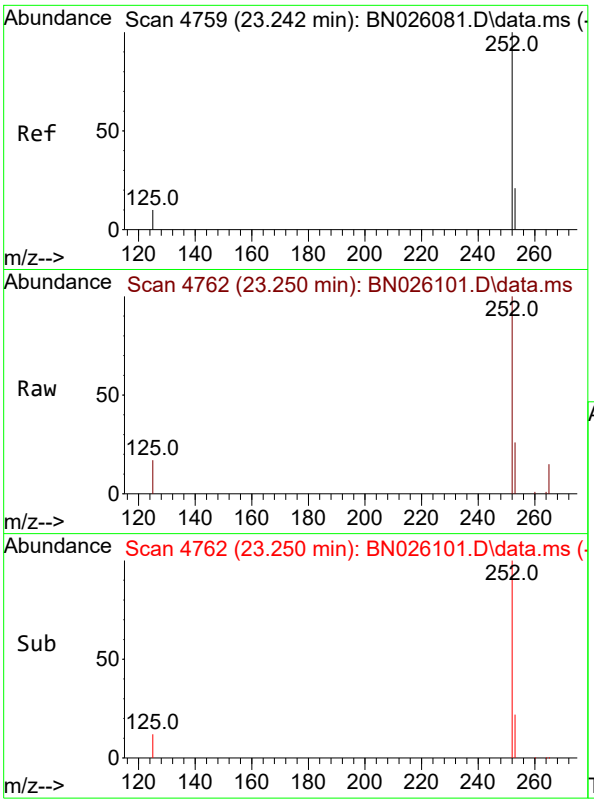


#22
Chrysene
Concen: 0.669 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:228 Resp: 50287

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.8	37.2
229	21.4	15.7	23.5



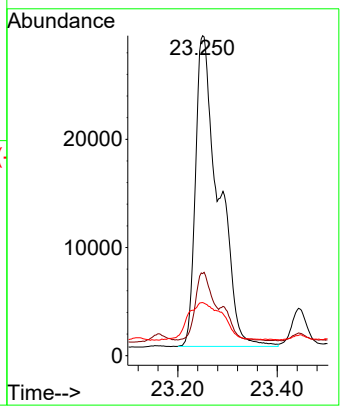


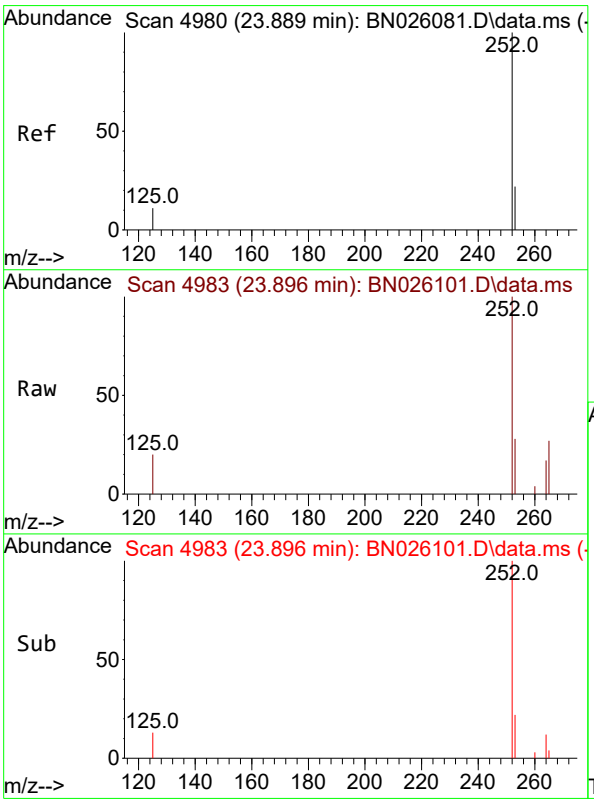
#24
Benzo(b)fluoranthene
Concen: 1.324 ng/ul
RT: 23.250 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:252 Resp: 92798

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	55.6
125	16.6	0.0	35.8

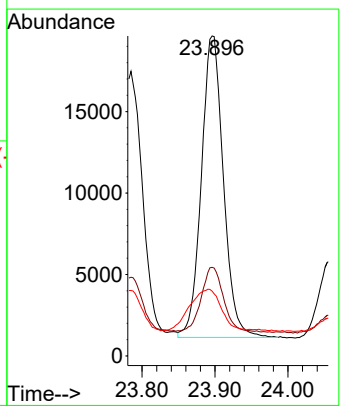


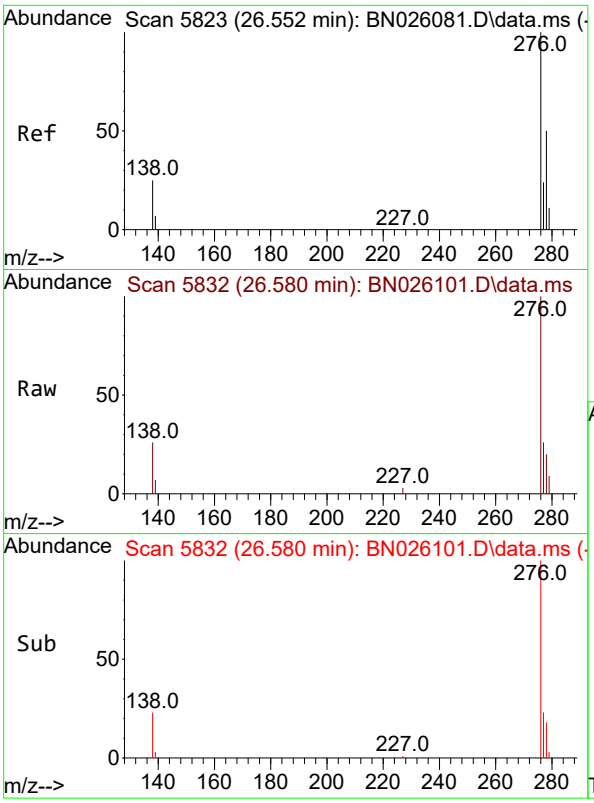


#26
Benzo(a)pyrene
Concen: 0.640 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:252 Resp: 38944

Ion	Ratio	Lower	Upper
252	100		
253	27.7	26.0	39.0
125	20.2	17.3	25.9



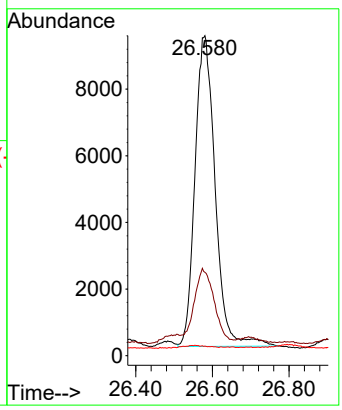


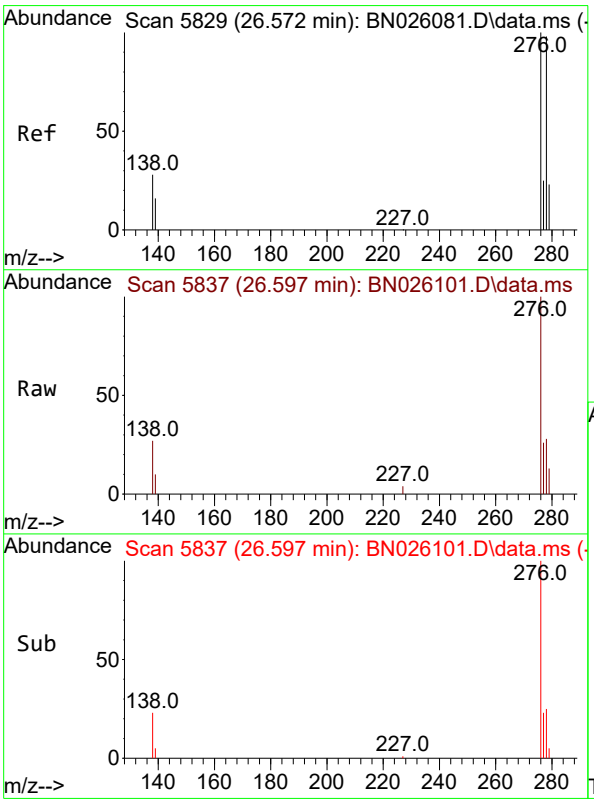
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.514 ng/ul
RT: 26.580 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:276 Resp: 34200

Ion	Ratio	Lower	Upper
276	100		
138	22.4	24.5	36.7#
227	0.0	0.0	0.0

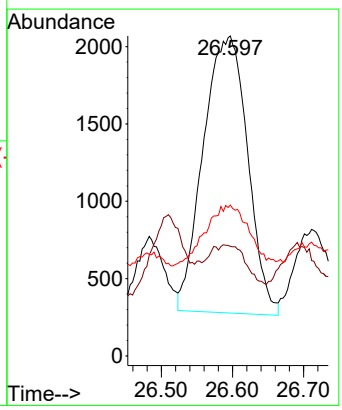


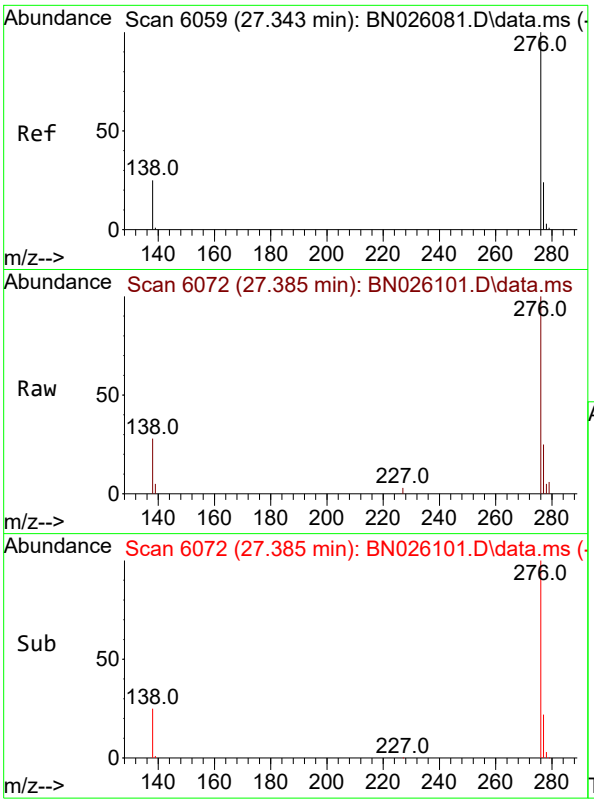


#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 26.597 min Scan# 5837
Delta R.T. -0.017 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:278 Resp: 7739

Ion	Ratio	Lower	Upper
278	100		
139	34.3	19.0	28.4#
279	47.2	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.550 ng/ul
RT: 27.385 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:276 Resp: 32556

Ion	Ratio	Lower	Upper
276	100		
138	27.6	23.4	35.0
277	24.7	20.0	30.0