Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040469.D
Acq On : 30 Jun 2023 13:21
Operator : MA/JU
Sample : 03239-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Quant Time: Jul 01 03:03:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6931	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25566	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.582	164	13059	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	27105	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	17983	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	19818	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	25473	2.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5938	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	10914	0.189	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.794	128	9994	0.142	ng/ul#	94
7) 2-Methylnaphthalene	12.411	142	5020	0.121	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	3381	0.082	ng/ul	97
10) Acenaphthylene	14.299	152	8768	0.150	ng/ul#	95
11) Acenaphthene	14.642	153	4775	0.097	ng/ul	98
12) Fluorene	15.627	166	5737	0.109	ng/ul#	99
15) Phenanthrene	17.366	178	127644	1.516	ng/ul	99
16) Anthracene	17.459	178	22963	0.325	ng/ul	98
19) Fluoranthene	19.384	202	427362	5.595	ng/ul	94
20) Pyrene	19.747	202	396438	4.841	ng/ul	97
21) Benzo(a)anthracene	21.491	228	352013	5.787	ng/ul	99
22) Chrysene	21.544	228	445482	6.420	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	779832	10.168	ng/ul	87
26) Benzo(a)pyrene	23.812	252	438829	6.352	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.424	276	348069	3.618	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.430	278	111671	1.482	ng/ul	96
29) Benzo(g,h,i)perylene	27.202	276	328244	3.892	ng/ul	94

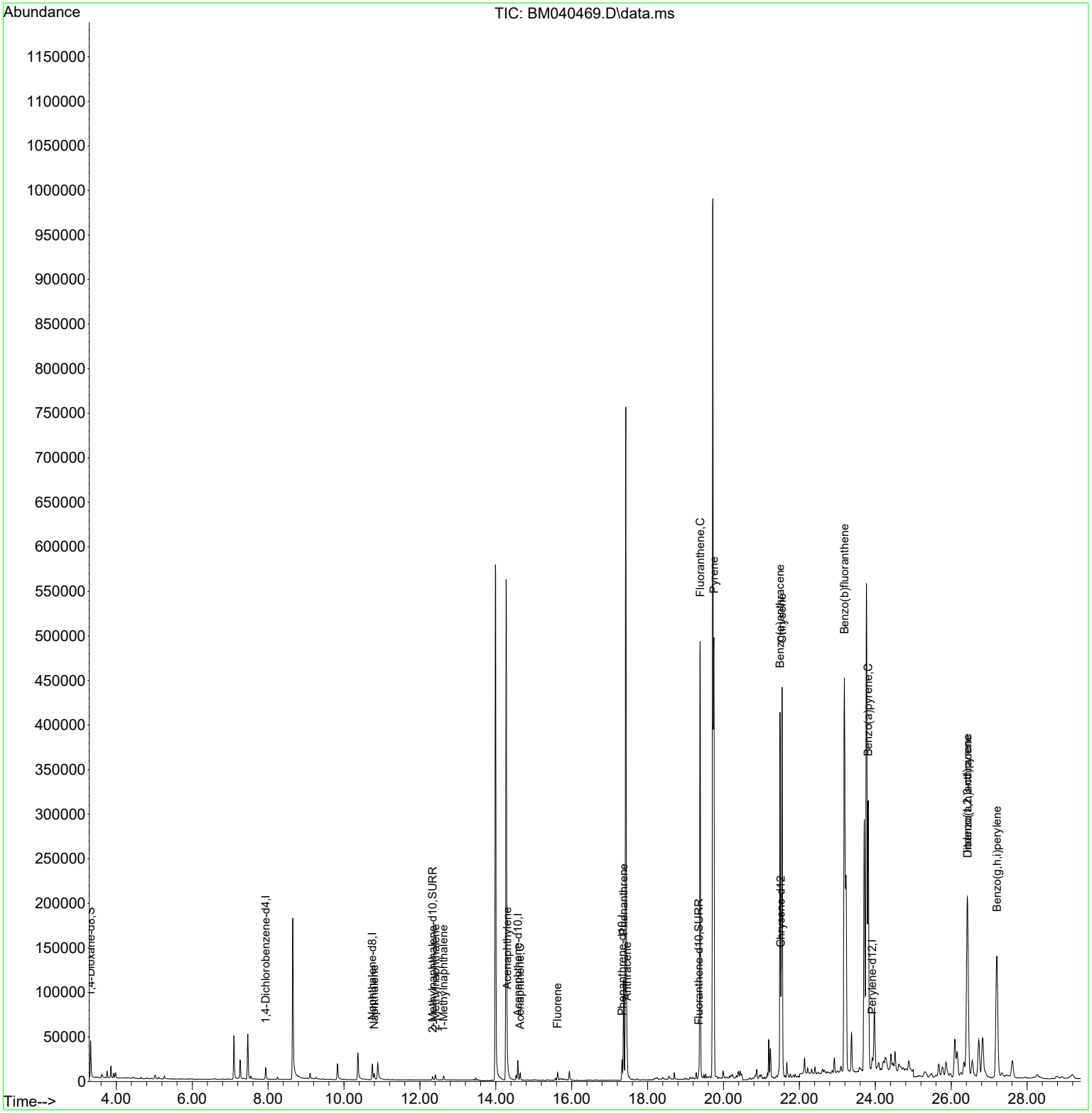
(#) = qualifier out of range (m) = manual integration (+) = signals summed

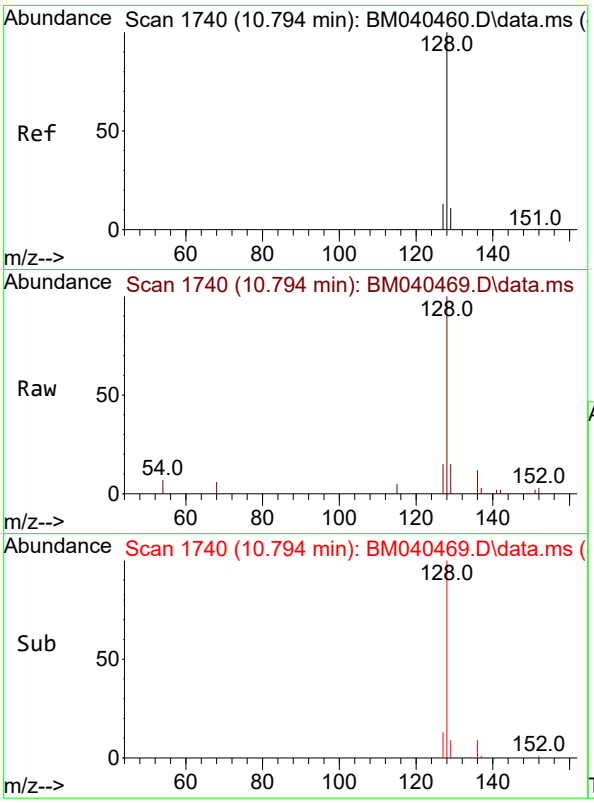
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040469.D
Acq On : 30 Jun 2023 13:21
Operator : MA/JU
Sample : 03239-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Quant Time: Jul 01 03:03:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration



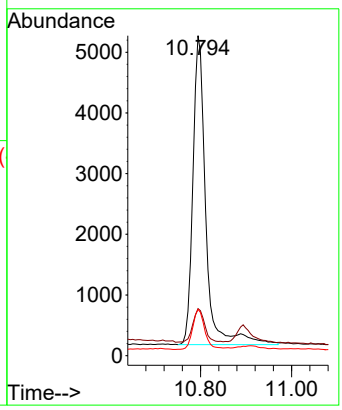


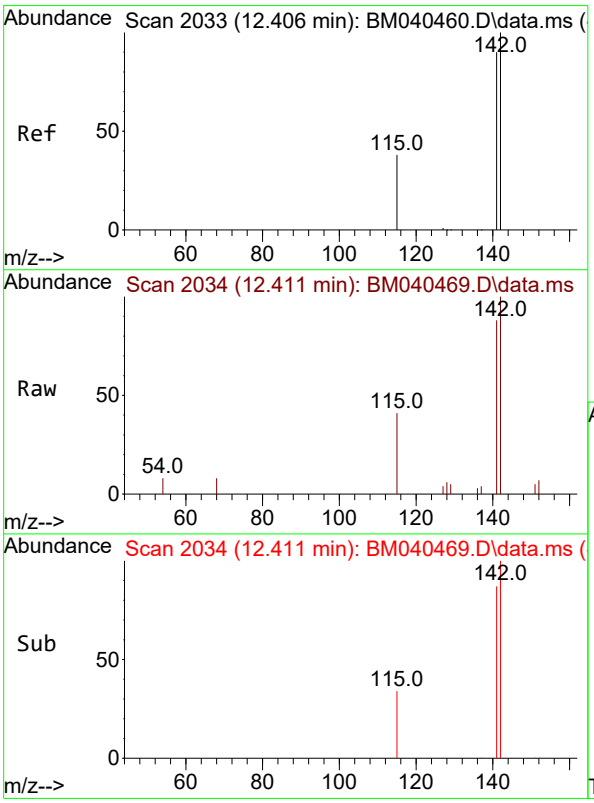
#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.794 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:128 Resp: 9994

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.2	13.8#
127	14.5	10.6	15.8

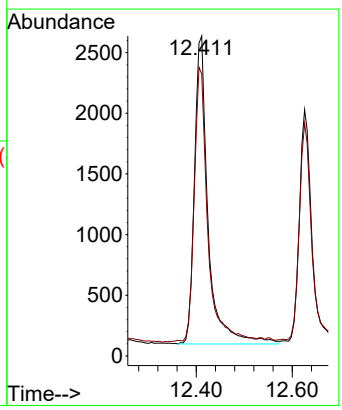


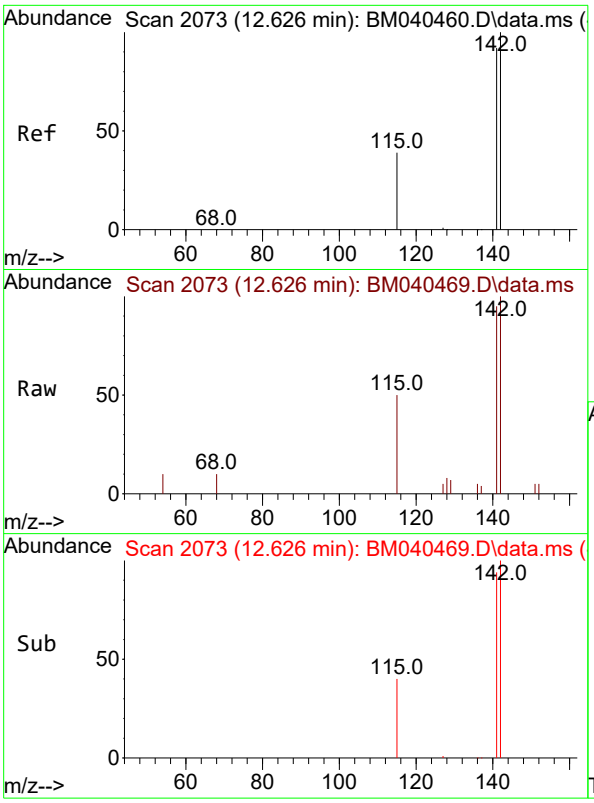


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.005 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:142 Resp: 5020

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9



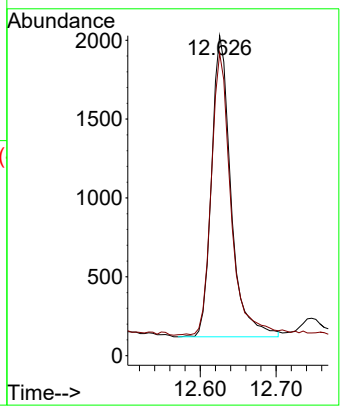


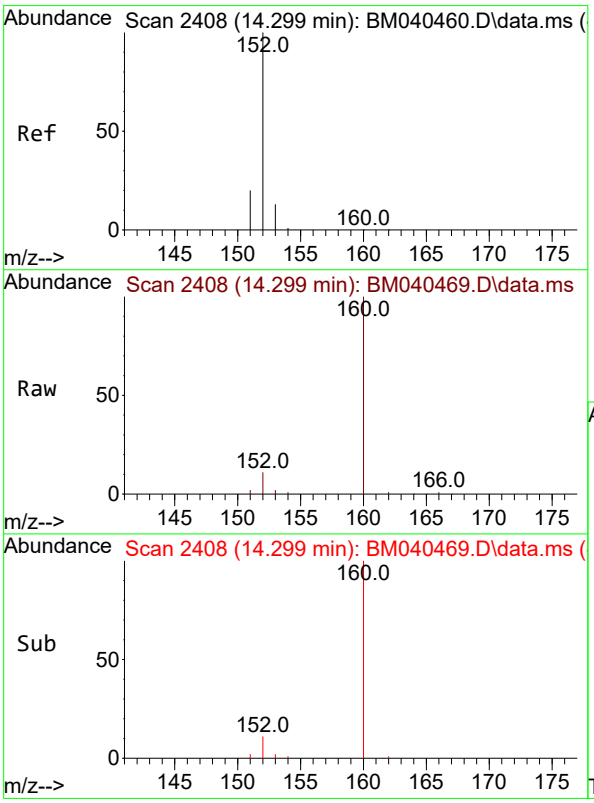
#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.626 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:142 Resp: 3381

Ion	Ratio	Lower	Upper
142	100		
141	94.6	73.7	110.5

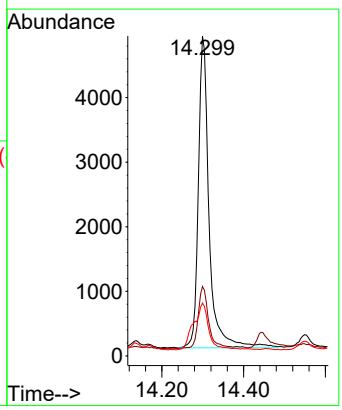


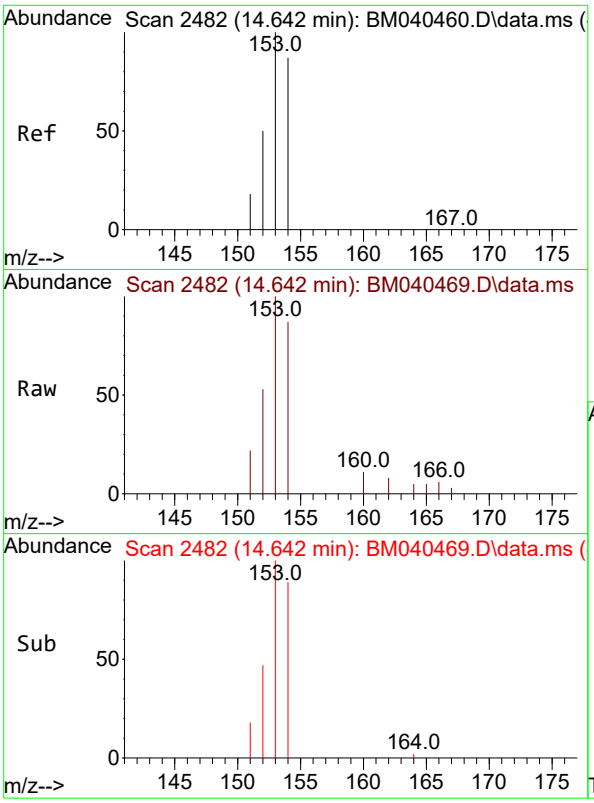


#10
Acenaphthylene
Concen: 0.150 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:152 Resp: 8768

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.2	24.2
153	16.6	10.9	16.3#



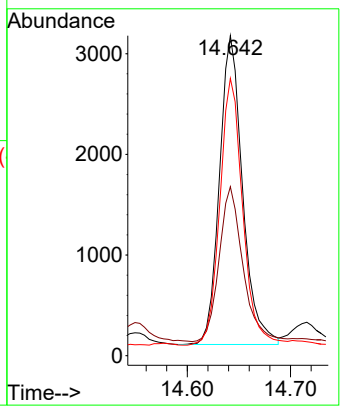


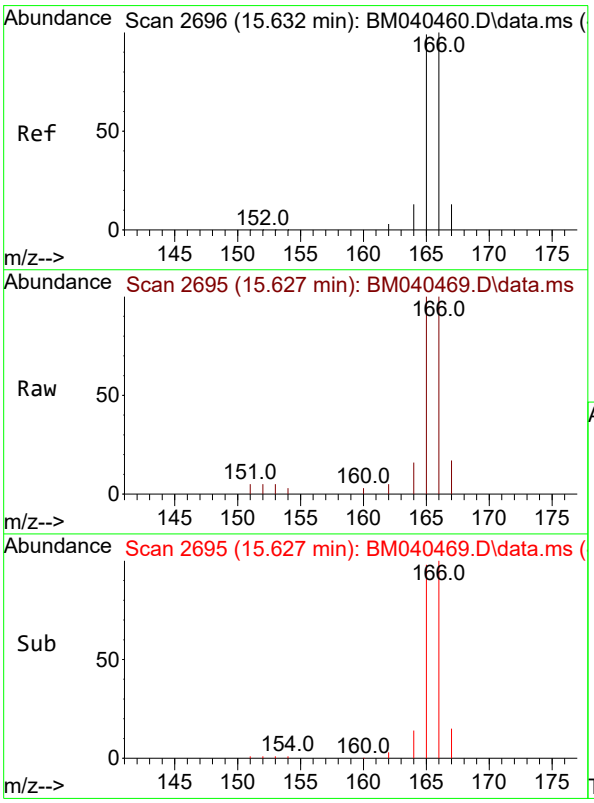
#11
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.642 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:153 Resp: 4775

Ion	Ratio	Lower	Upper
153	100		
152	52.8	41.0	61.4
154	86.6	70.8	106.2

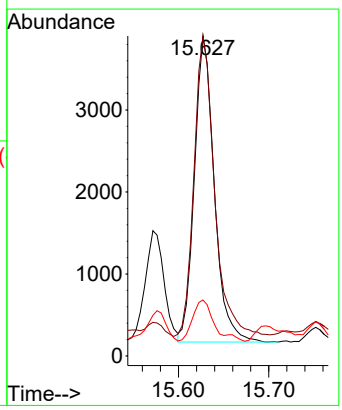


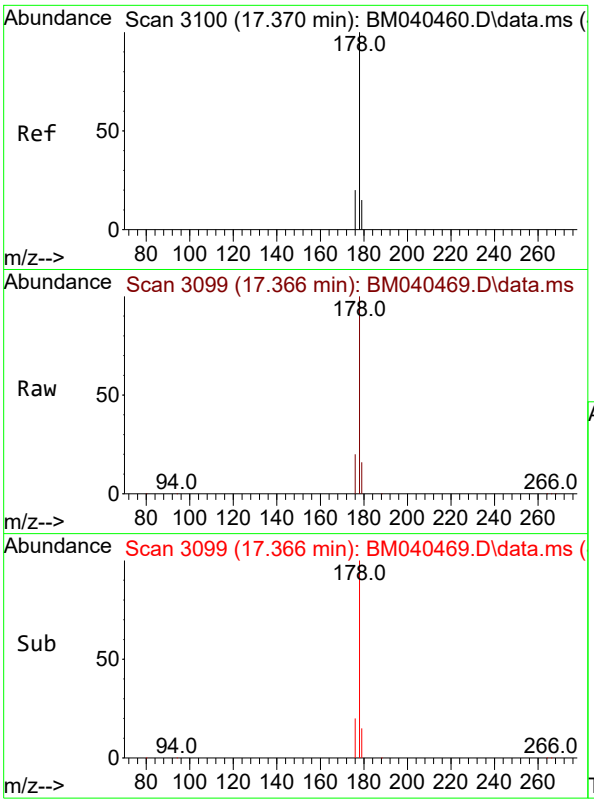


#12
Fluorene
Concen: 0.109 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:166 Resp: 5737

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.6	119.4
167	17.5	11.4	17.0#



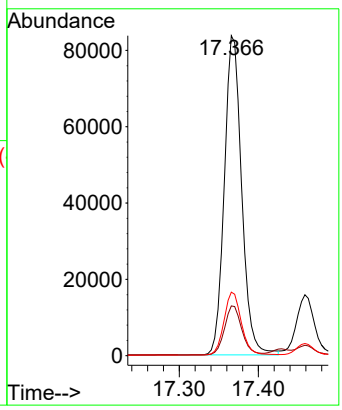


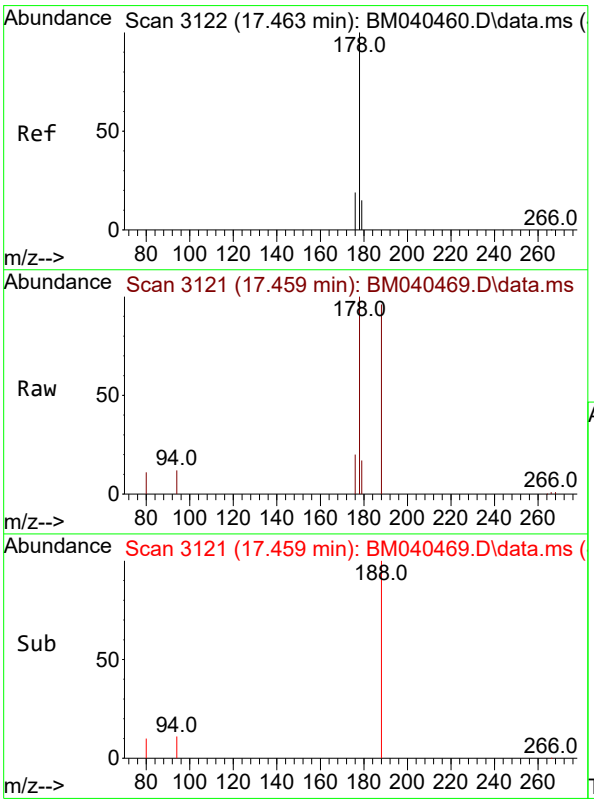
#15
Phenanthrene
Concen: 1.516 ng/ul
RT: 17.366 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:178 Resp: 127644

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.8	16.4	24.6

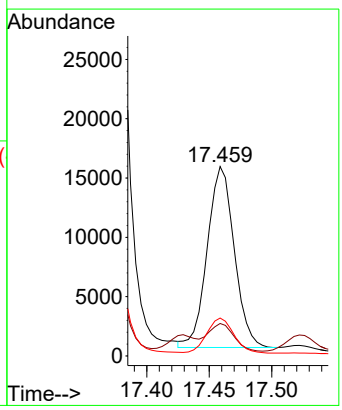


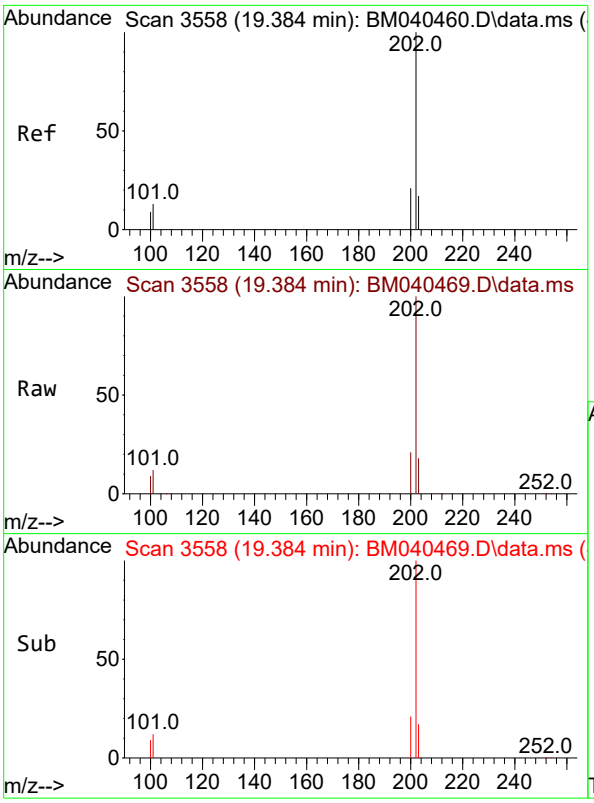


#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:178 Resp: 22963

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.9	19.3
176	20.1	15.8	23.6



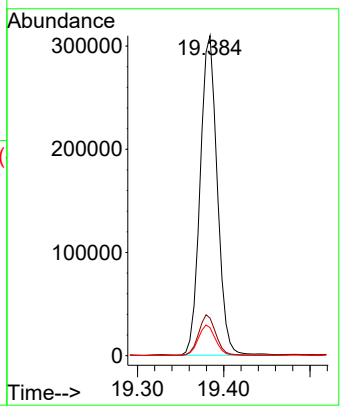


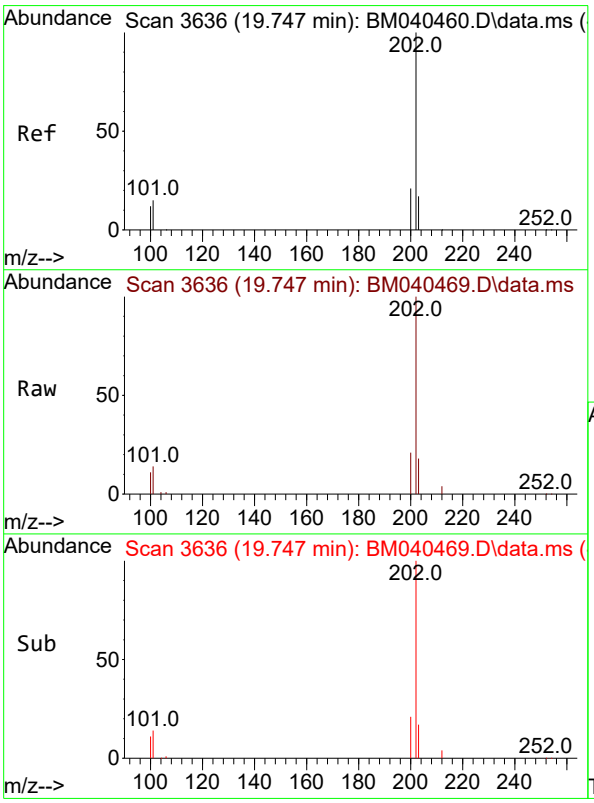
#19
Fluoranthene
Concen: 5.595 ng/ul
RT: 19.384 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:202 Resp: 427362

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.4	17.0
100	8.8	8.7	13.1

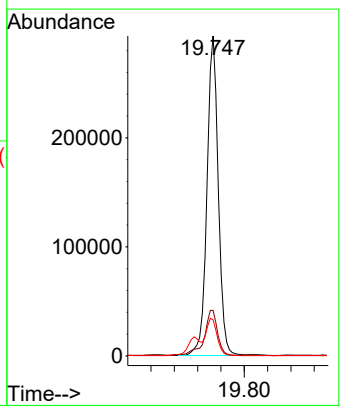


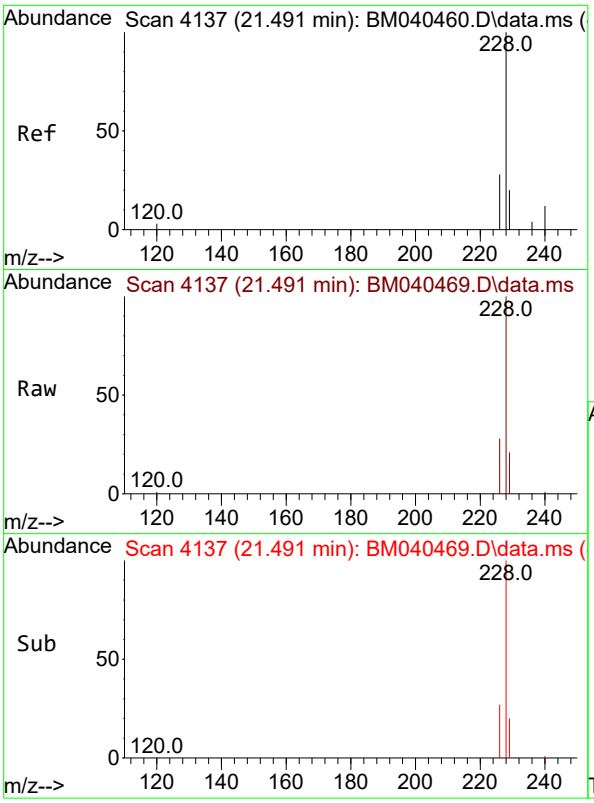


#20
Pyrene
Concen: 4.841 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:202 Resp: 396438

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.3	9.8	14.6



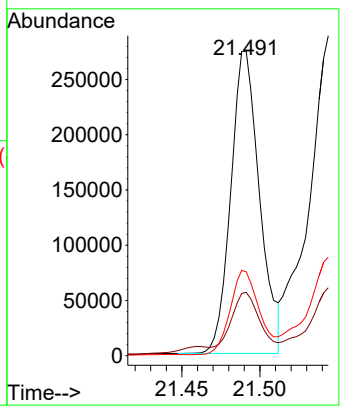


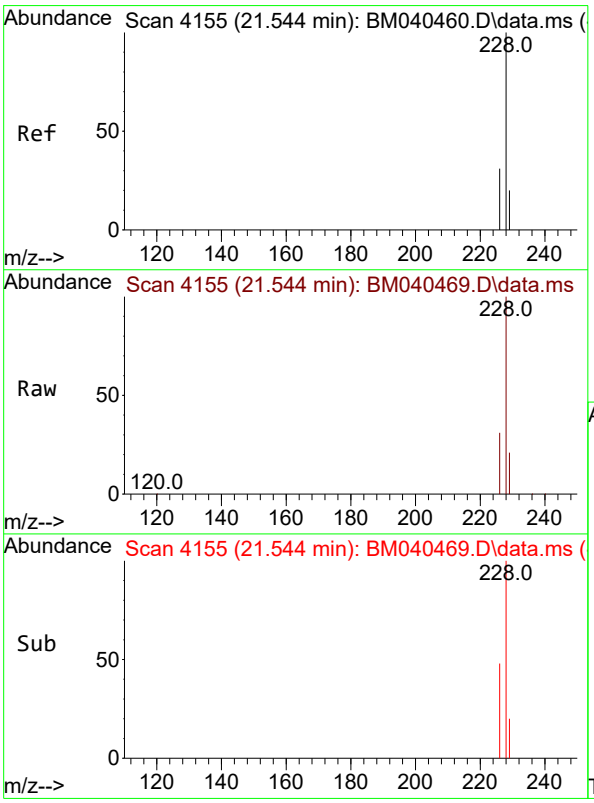
#21
Benzo(a)anthracene
Concen: 5.787 ng/ul
RT: 21.491 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:228 Resp: 352013

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	27.6	22.3	33.5

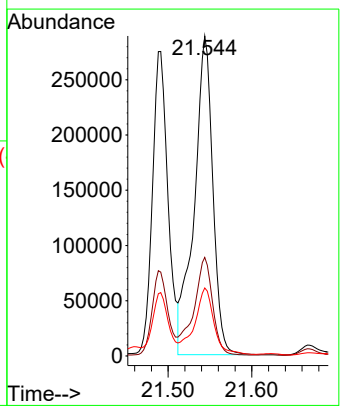


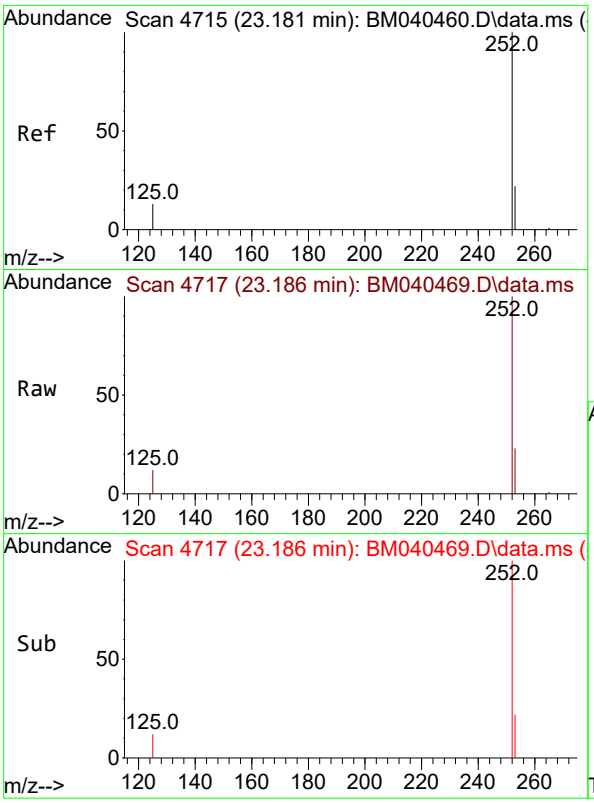


#22
Chrysene
Concen: 6.420 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:228 Resp: 445482

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.2	15.8	23.6



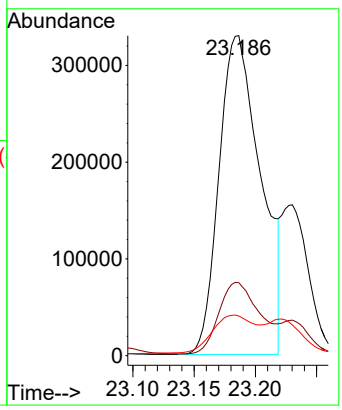


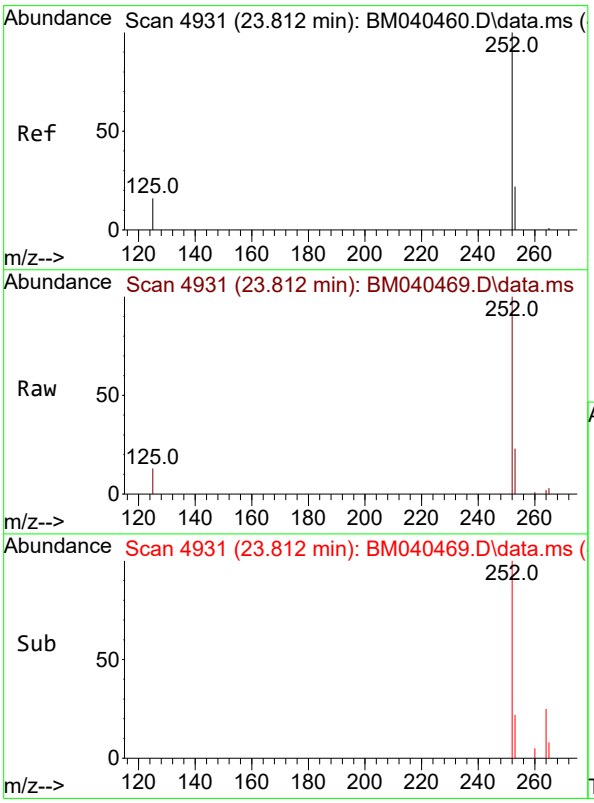
#24
Benzo(b)fluoranthene
Concen: 10.168 ng/ul
RT: 23.186 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:252 Resp: 779832

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	52.8
125	12.4	0.0	43.0

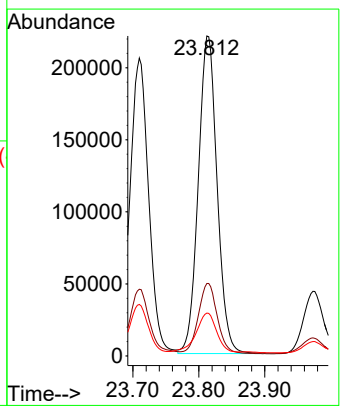


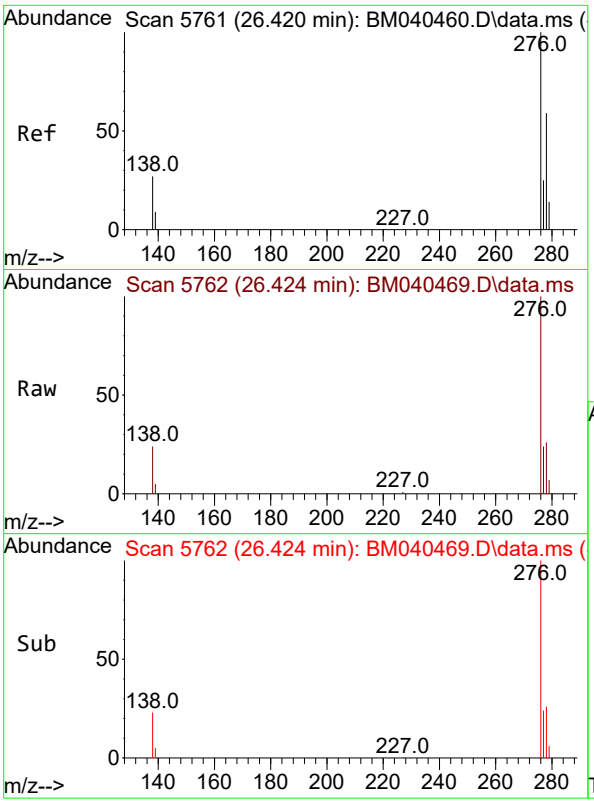


#26
Benzo(a)pyrene
Concen: 6.352 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.000 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:252 Resp: 438829

Ion	Ratio	Lower	Upper
252	100		
253	22.6	22.9	34.3#
125	13.4	21.0	31.4#



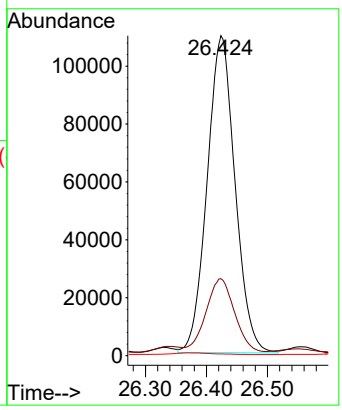


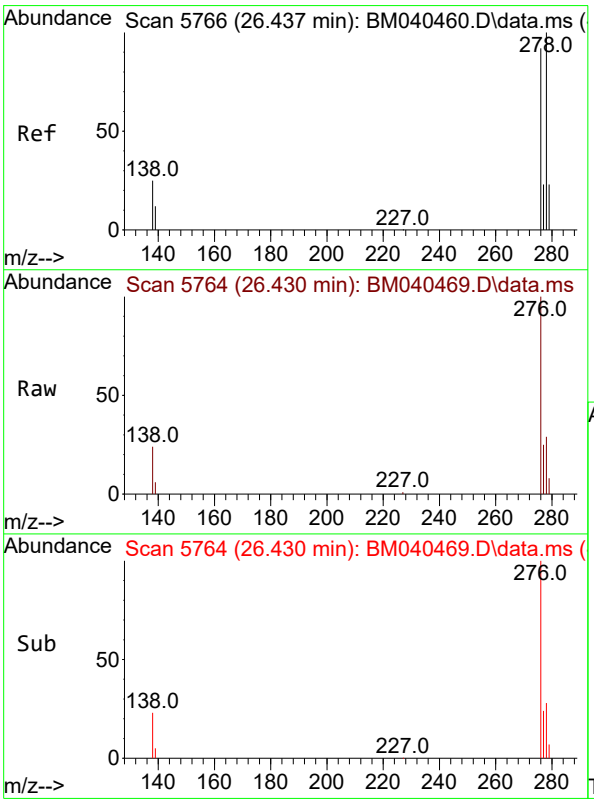
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.618 ng/ul
RT: 26.424 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:276 Resp: 348069

Ion	Ratio	Lower	Upper
276	100		
138	23.7	24.5	36.7#
227	0.0	0.1	0.1#

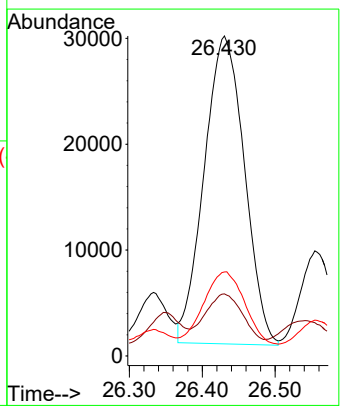


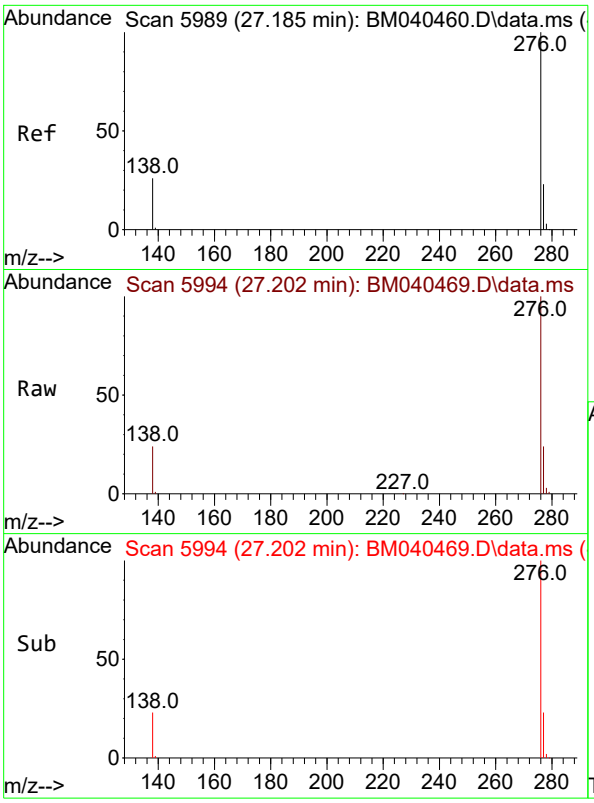


#28
Dibenzo(a,h)anthracene
Concen: 1.482 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.007 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Tgt Ion:278 Resp: 111671

Ion	Ratio	Lower	Upper
278	100		
139	19.4	17.9	26.9
279	26.2	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 3.892 ng/ul
RT: 27.202 min Scan# 5
Delta R.T. 0.017 min
Lab File: BM040469.D
Acq: 30 Jun 2023 13:21

Instrument :
BNA_M
ClientSampleId :
DCFZ6

Tgt Ion:276 Resp: 328244

Ion	Ratio	Lower	Upper
276	100		
138	24.2	23.0	34.6
277	23.8	20.3	30.5