Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040377.D
Acq On : 23 Jun 2023 16:07
Operator : MA/JU
Sample : 03084-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Quant Time: Jun 24 01:37:24 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 : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7805	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	28179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	13721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	27815	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	18455	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	17924	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6142	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	1497	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	2922	0.049	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	7489	0.096	ng/ul#	96
7) 2-Methylnaphthalene	12.422	142	3863	0.085	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	4252	0.093	ng/ul	99
10) Acenaphthylene	14.309	152	81906	1.336	ng/ul	100
11) Acenaphthene	14.651	153	7791	0.151	ng/ul	98
12) Fluorene	15.637	166	18809	0.340	ng/ul	100
15) Phenanthrene	17.374	178	428422	4.959	ng/ul	98
16) Anthracene	17.467	178	62292	0.858	ng/ul	99
19) Fluoranthene	19.389	202	1003087	12.796	ng/ul	95
20) Pyrene	19.751	202	710492	8.454	ng/ul	97
21) Benzo(a)anthracene	21.497	228	354660	5.681	ng/ul	99
22) Chrysene	21.550	228	356480	5.006	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	469656	6.771	ng/ul	88
26) Benzo(a)pyrene	23.818	252	288396	4.616	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.430	276	195420	2.246	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.441	278	48058	0.705	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	170389	2.234	ng/ul	95

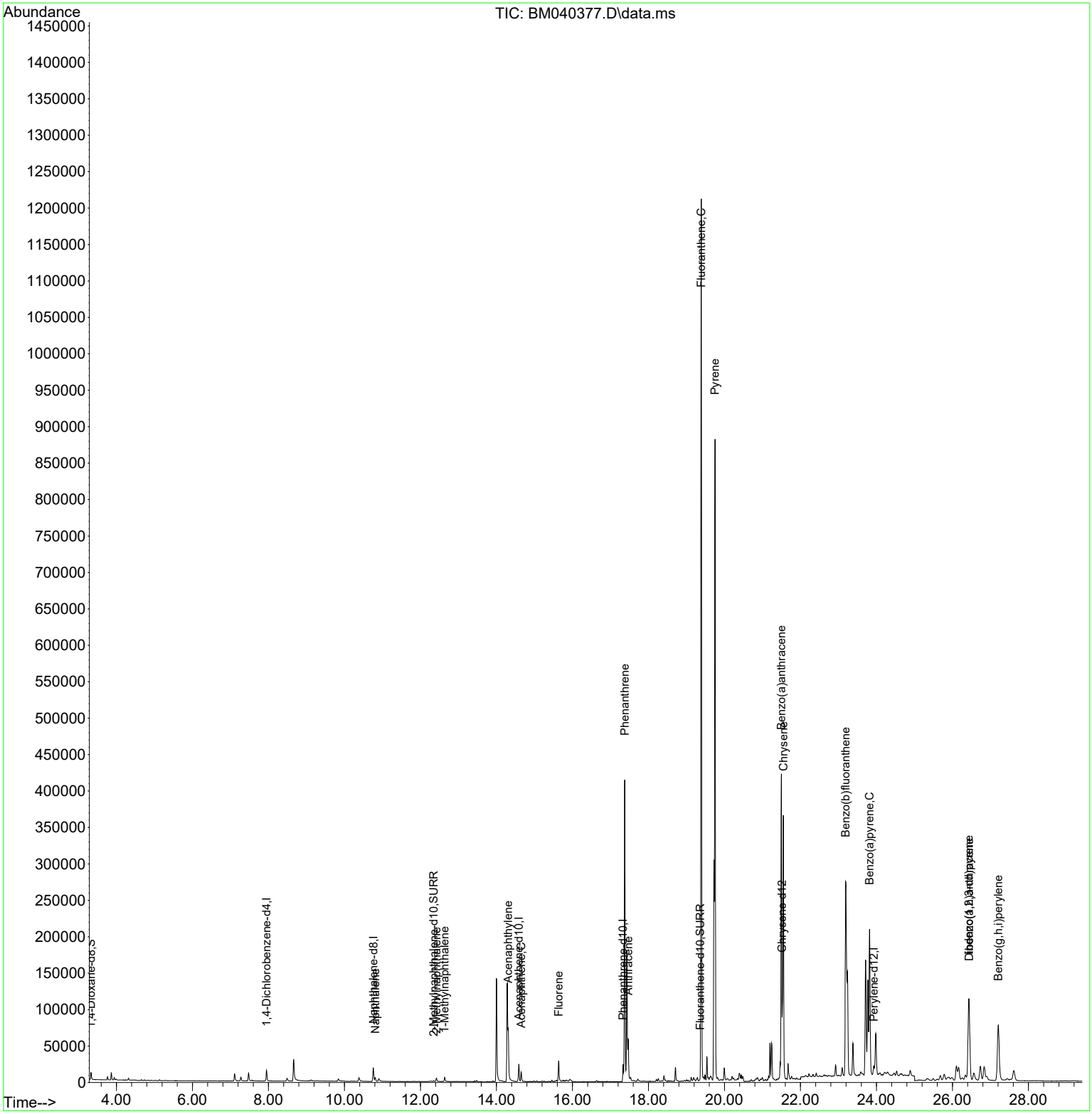
(#) = qualifier out of range (m) = manual integration (+) = signals summed

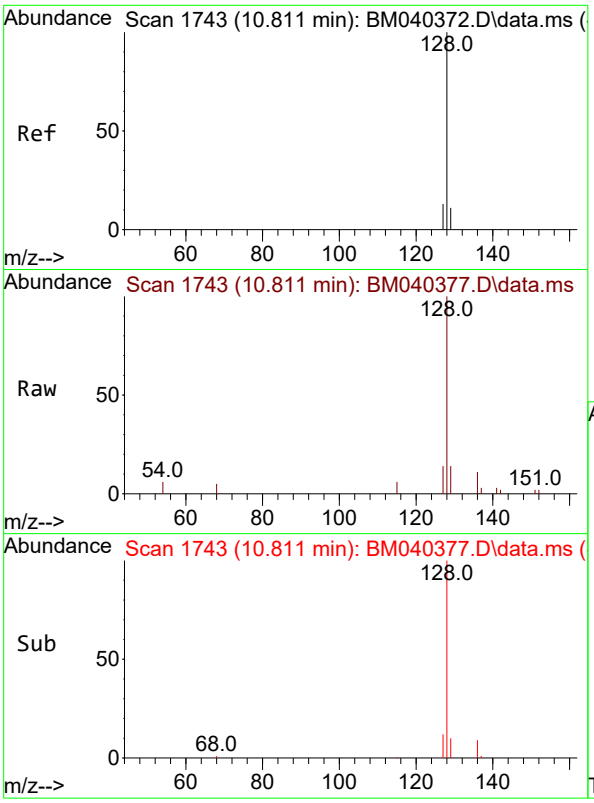
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040377.D
Acq On : 23 Jun 2023 16:07
Operator : MA/JU
Sample : 03084-12DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Quant Time: Jun 24 01:37:24 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 : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration



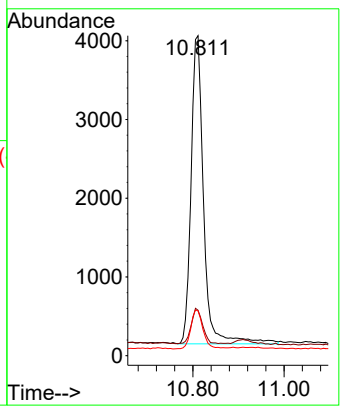


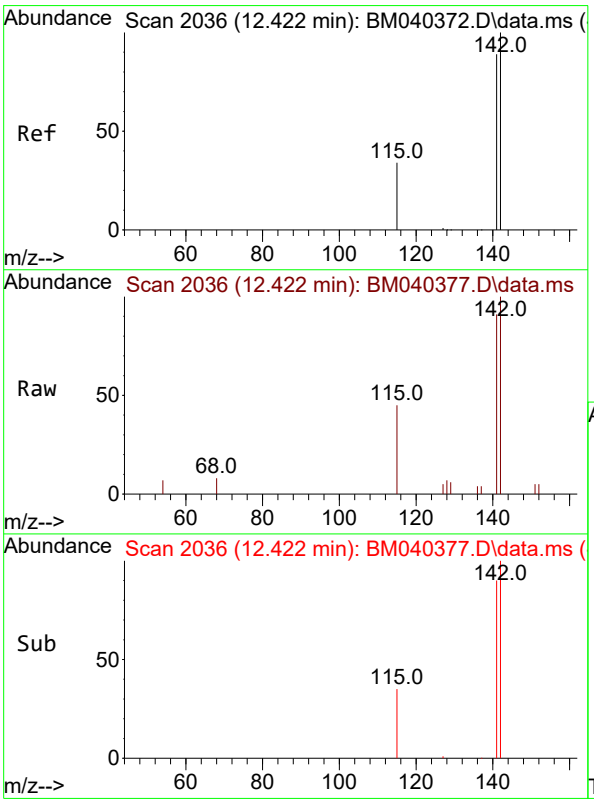
#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:128 Resp: 7489

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.2	13.8#
127	14.0	10.6	15.8

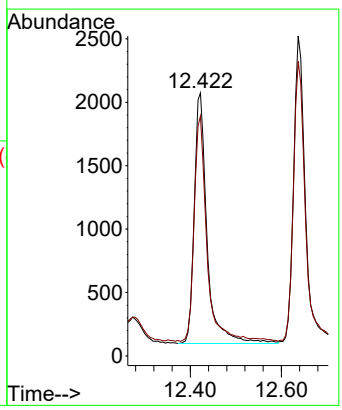


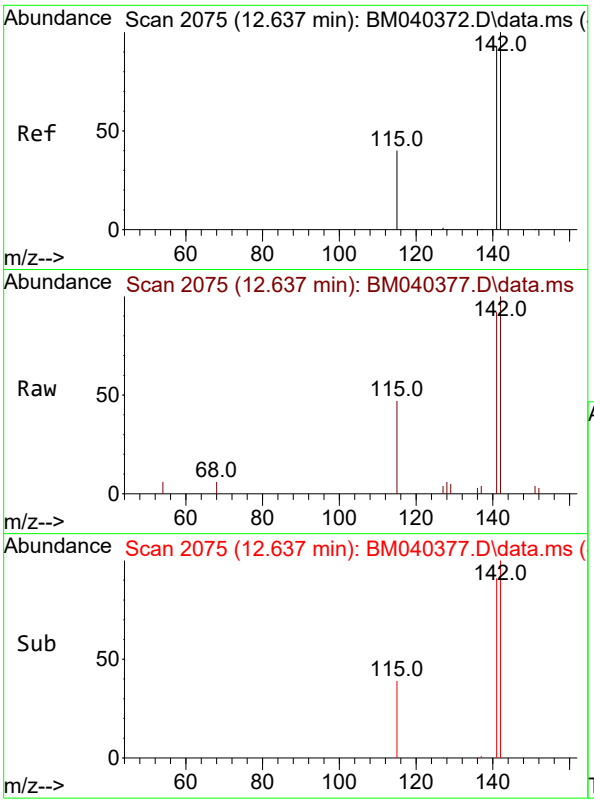


#7
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:142 Resp: 3863

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9



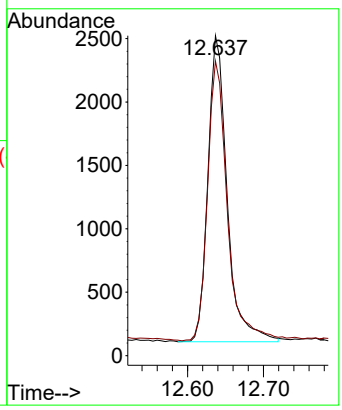


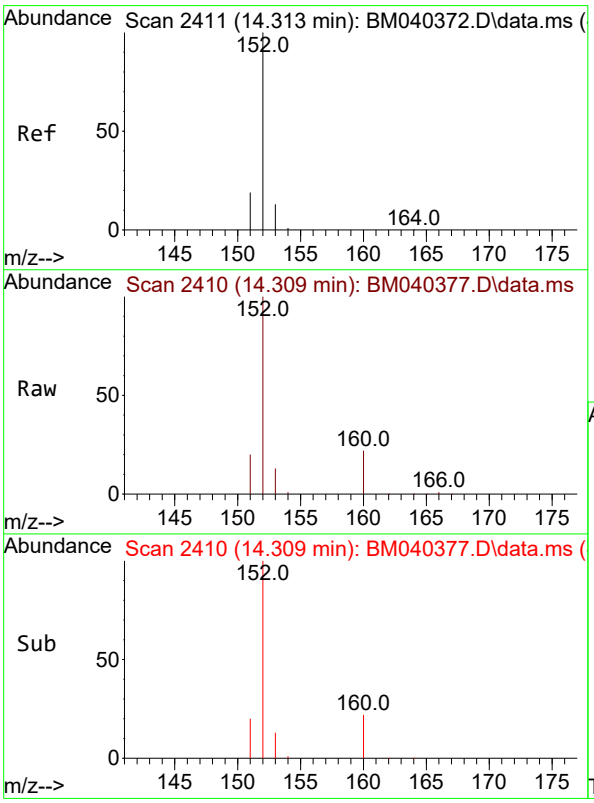
#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:142 Resp: 4252

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.7	110.5

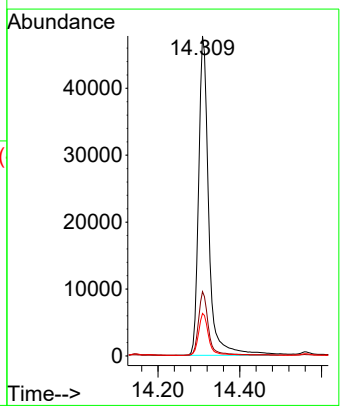


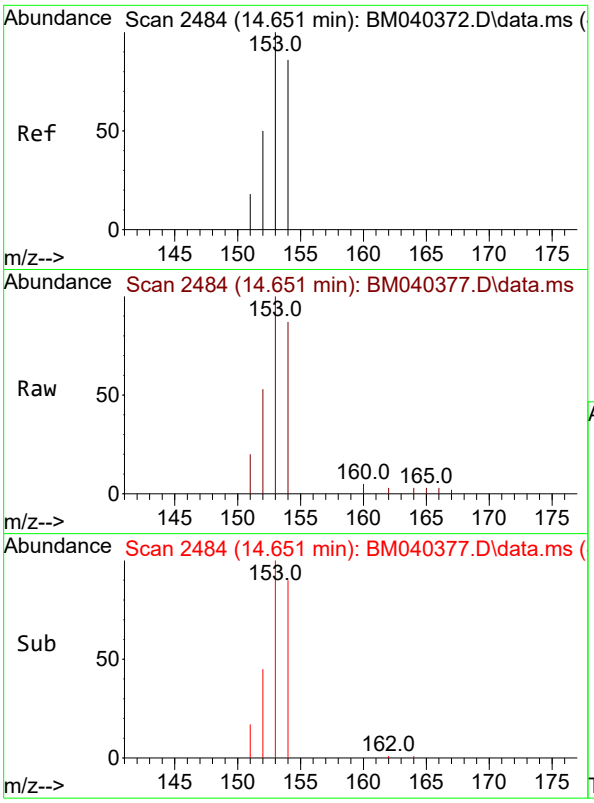


#10
Acenaphthylene
Concen: 1.336 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:152 Resp: 81906

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.9	16.3



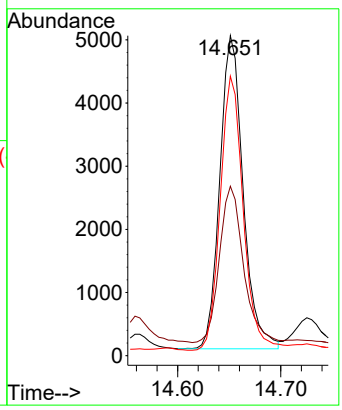


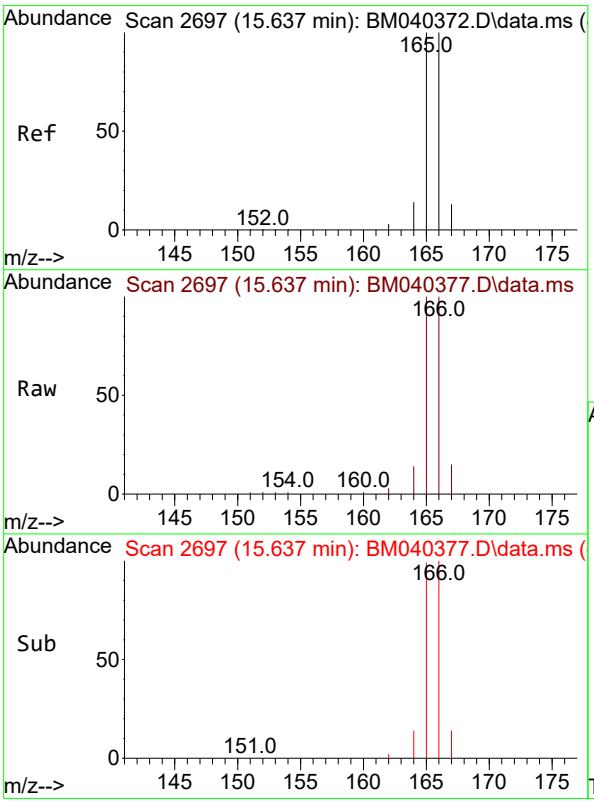
#11
Acenaphthene
Concen: 0.151 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:153 Resp: 7791

Ion	Ratio	Lower	Upper
153	100		
152	52.9	41.0	61.4
154	87.3	70.8	106.2

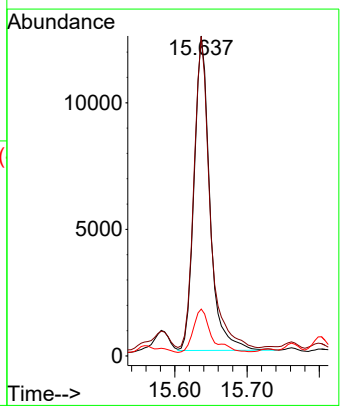


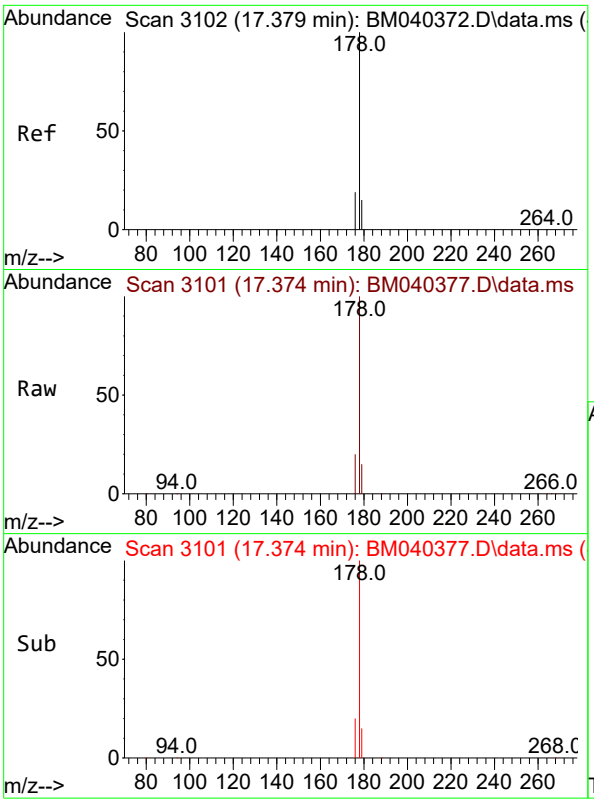


#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:166 Resp: 18809

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.6	119.4
167	14.7	11.4	17.0



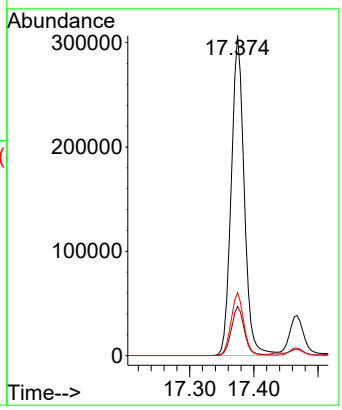


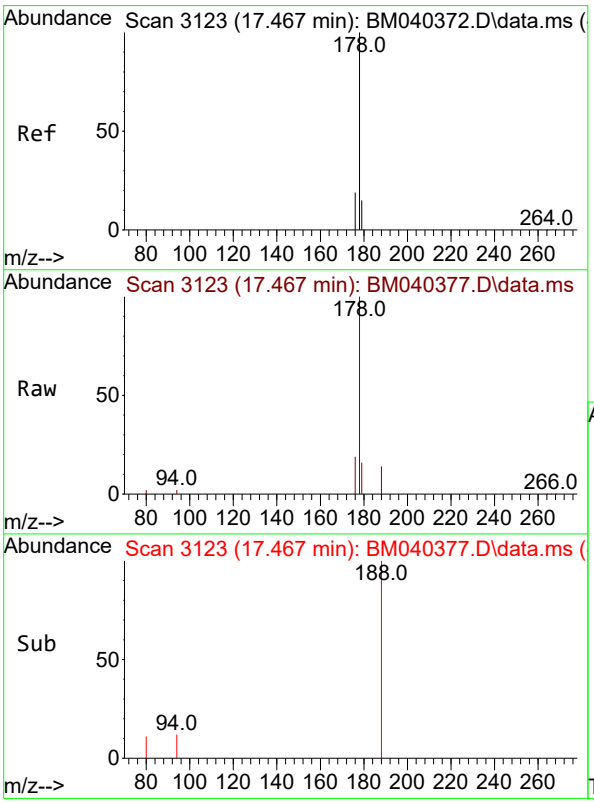
#15
Phenanthrene
Concen: 4.959 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:178 Resp: 428422

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.7	16.4	24.6

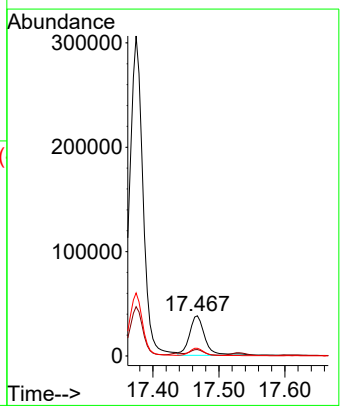


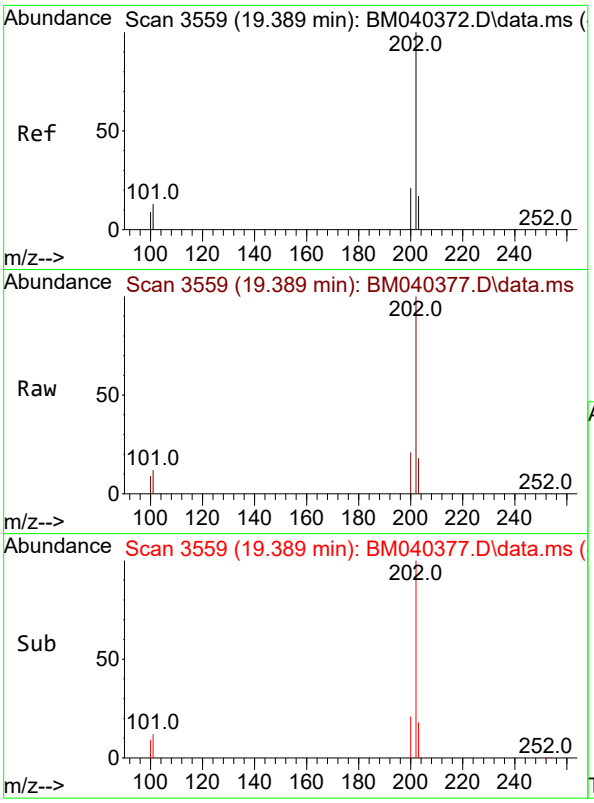


#16
Anthracene
Concen: 0.858 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:178 Resp: 62292

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.3	15.8	23.6



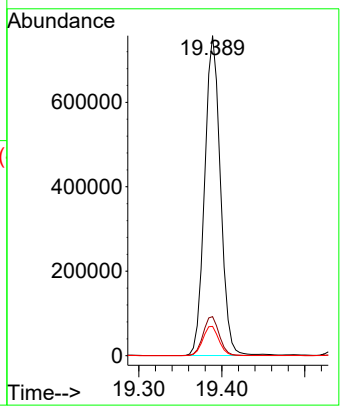


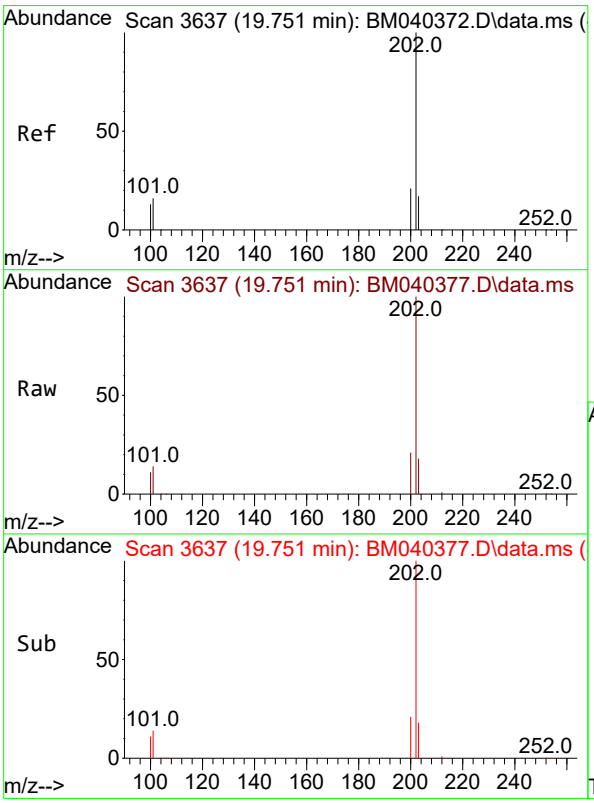
#19
Fluoranthene
Concen: 12.796 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:202 Resp: 1003087

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.4	17.0
100	9.1	8.7	13.1

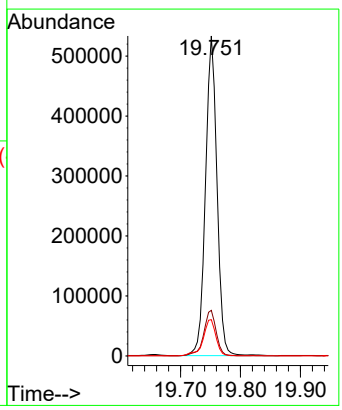


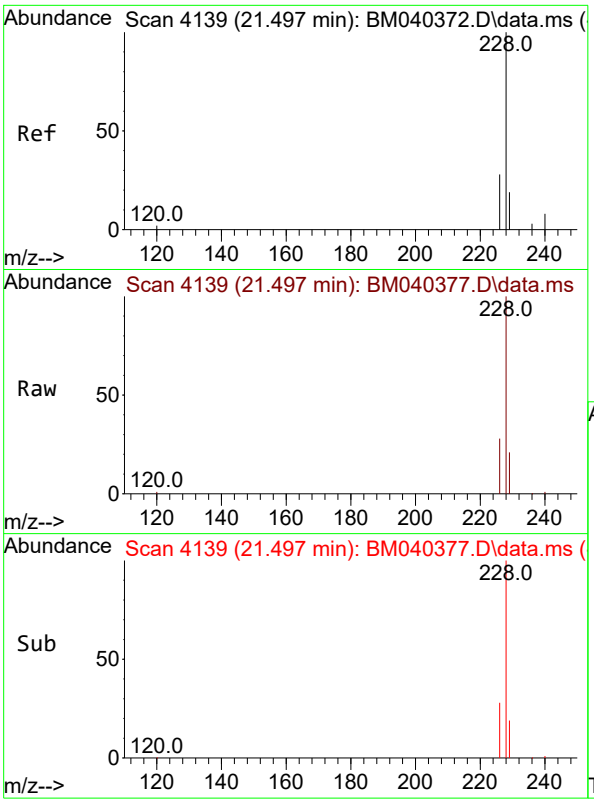


#20
Pyrene
Concen: 8.454 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:202 Resp: 710492

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



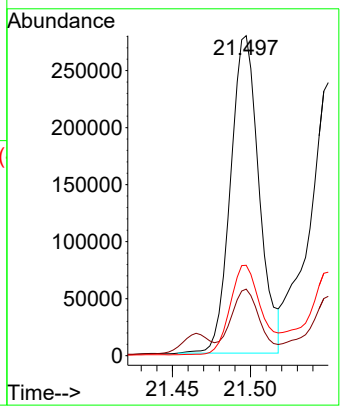


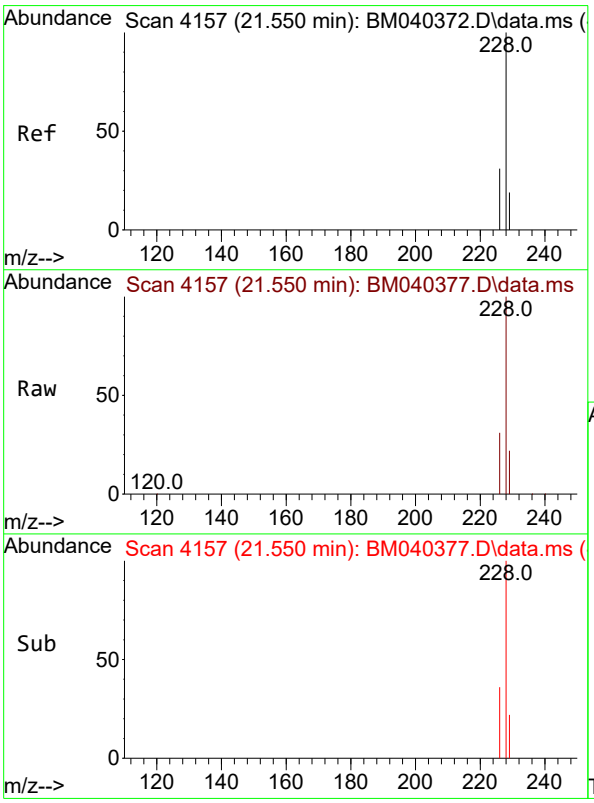
#21
Benzo(a)anthracene
Concen: 5.681 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:228 Resp: 354660

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	28.3	22.3	33.5

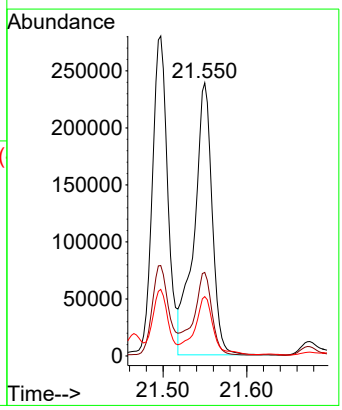


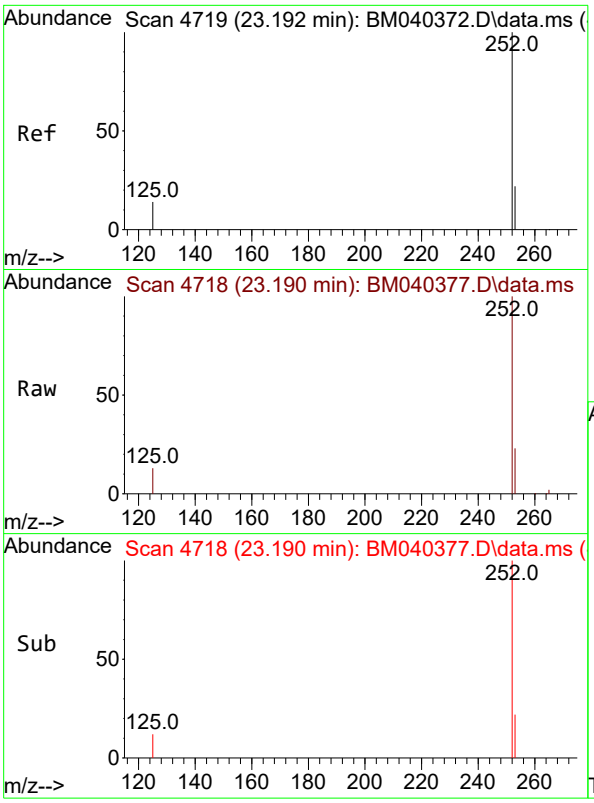


#22
Chrysene
Concen: 5.006 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:228 Resp: 356480

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.8	15.8	23.6



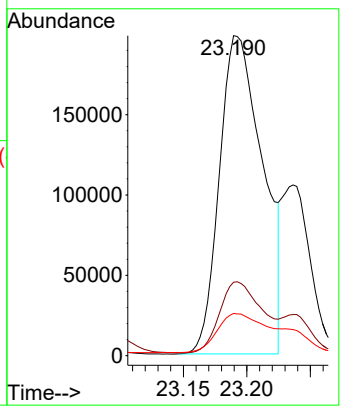


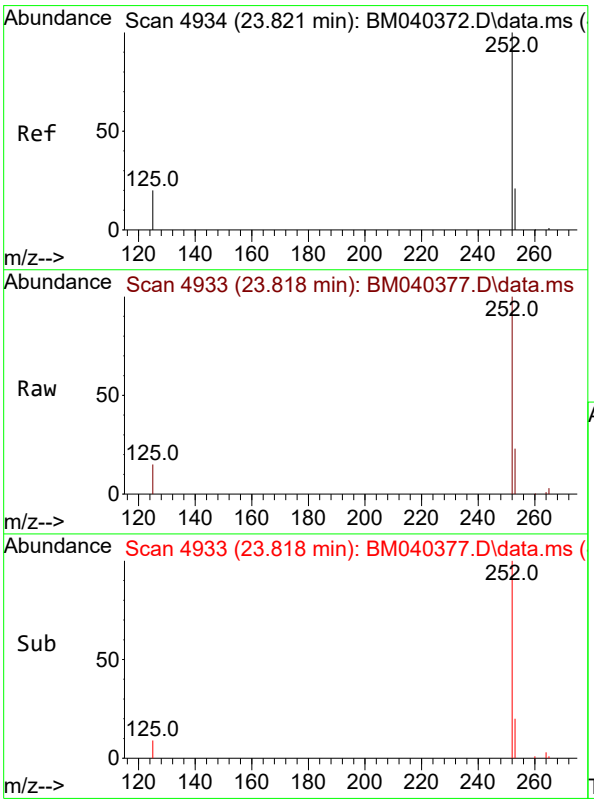
#24
Benzo(b)fluoranthene
Concen: 6.771 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:252 Resp: 469656

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	13.2	0.0	43.0

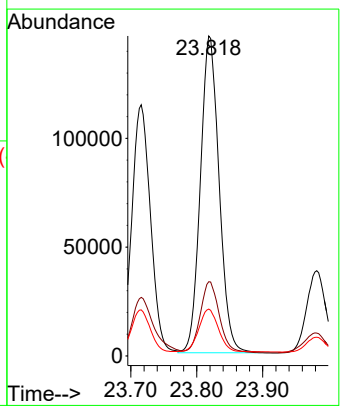


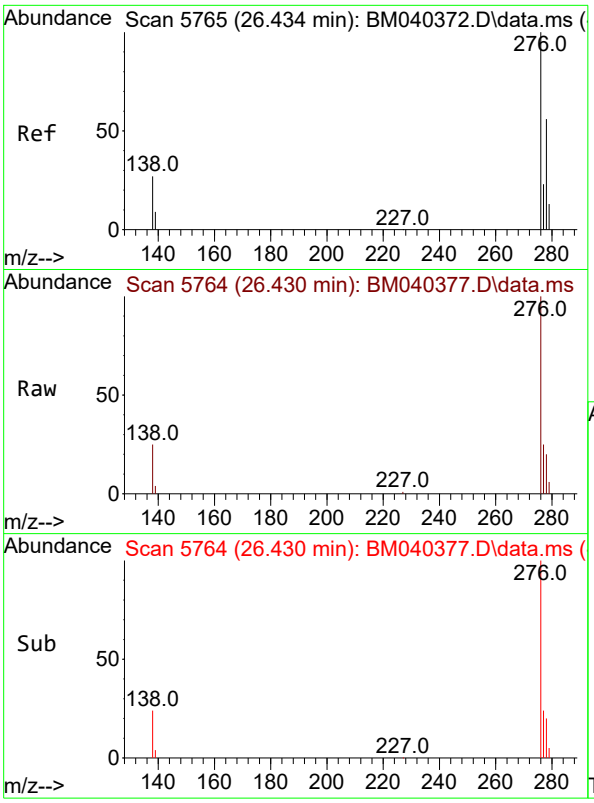


#26
Benzo(a)pyrene
Concen: 4.616 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:252 Resp: 288396

Ion	Ratio	Lower	Upper
252	100		
253	23.2	22.9	34.3
125	14.7	21.0	31.4#



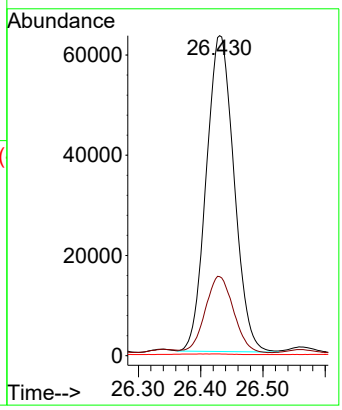


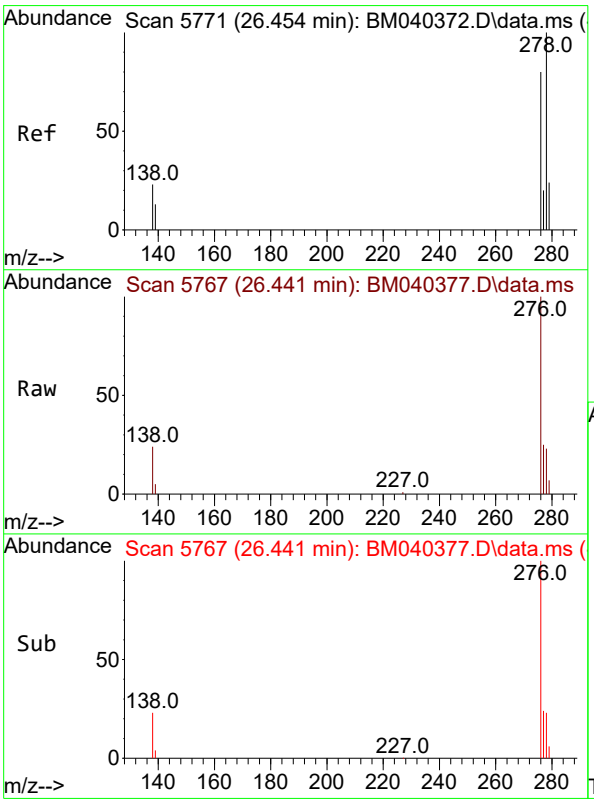
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.246 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:276 Resp: 195420

Ion	Ratio	Lower	Upper
276	100		
138	24.7	24.5	36.7
227	0.3	0.1	0.1#

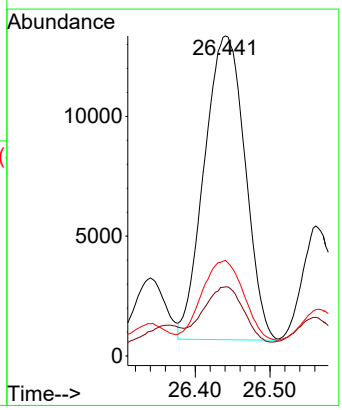


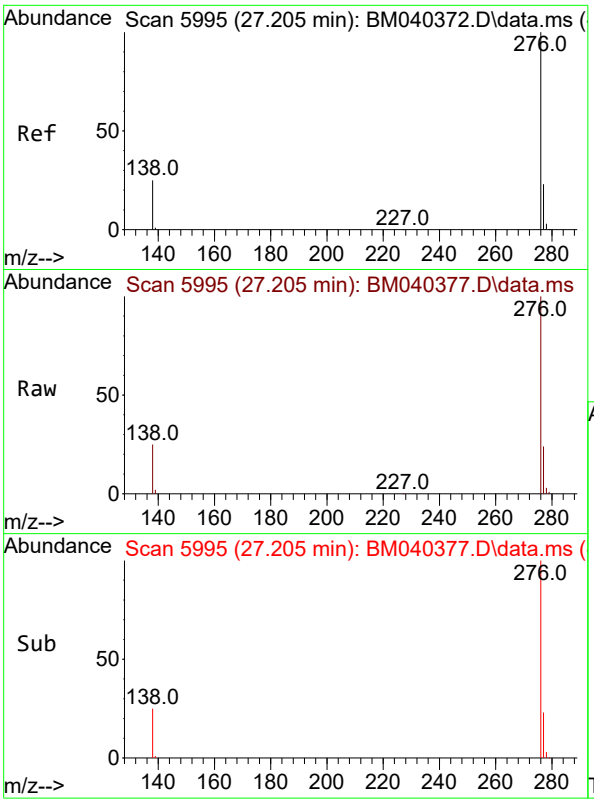


#28
Dibenzo(a,h)anthracene
Concen: 0.705 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:278 Resp: 48058

Ion	Ratio	Lower	Upper
278	100		
139	21.6	17.9	26.9
279	29.9	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 2.234 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Instrument :
BNA_M
ClientSampleId :
DCFM9DL

Tgt Ion:276 Resp: 170389

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.6
277	24.1	20.3	30.5