Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040375.D
Acq On : 23 Jun 2023 14:53
Operator : MA/JU
Sample : 03084-03DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Quant Time: Jun 24 01:37:04 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	7944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	28094	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	13710	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	26917	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	19788	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	16965	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7684	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1839	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	3174	0.050	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.810	128	6186	0.080	ng/ul#	94
7) 2-Methylnaphthalene	12.421	142	2851	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.641	142	1920	0.042	ng/ul	98
10) Acenaphthylene	14.312	152	9710	0.159	ng/ul	98
11) Acenaphthene	14.650	153	2021	0.039	ng/ul	97
12) Fluorene	15.635	166	2216	0.040	ng/ul#	96
15) Phenanthrene	17.377	178	65119	0.779	ng/ul	99
16) Anthracene	17.466	178	9853	0.140	ng/ul	95
19) Fluoranthene	19.387	202	153833	1.830	ng/ul	97
20) Pyrene	19.750	202	122560	1.360	ng/ul	99
21) Benzo(a)anthracene	21.495	228	63545	0.949	ng/ul	98
22) Chrysene	21.550	228	76488	1.002	ng/ul	97
24) Benzo(b)fluoranthene	23.193	252	107888	1.643	ng/ul	93
26) Benzo(a)pyrene	23.818	252	58769	0.994	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.431	276	46223	0.561	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.441	278	12046	0.187	ng/ul#	88
29) Benzo(g,h,i)perylene	27.205	276	43535	0.603	ng/ul	98

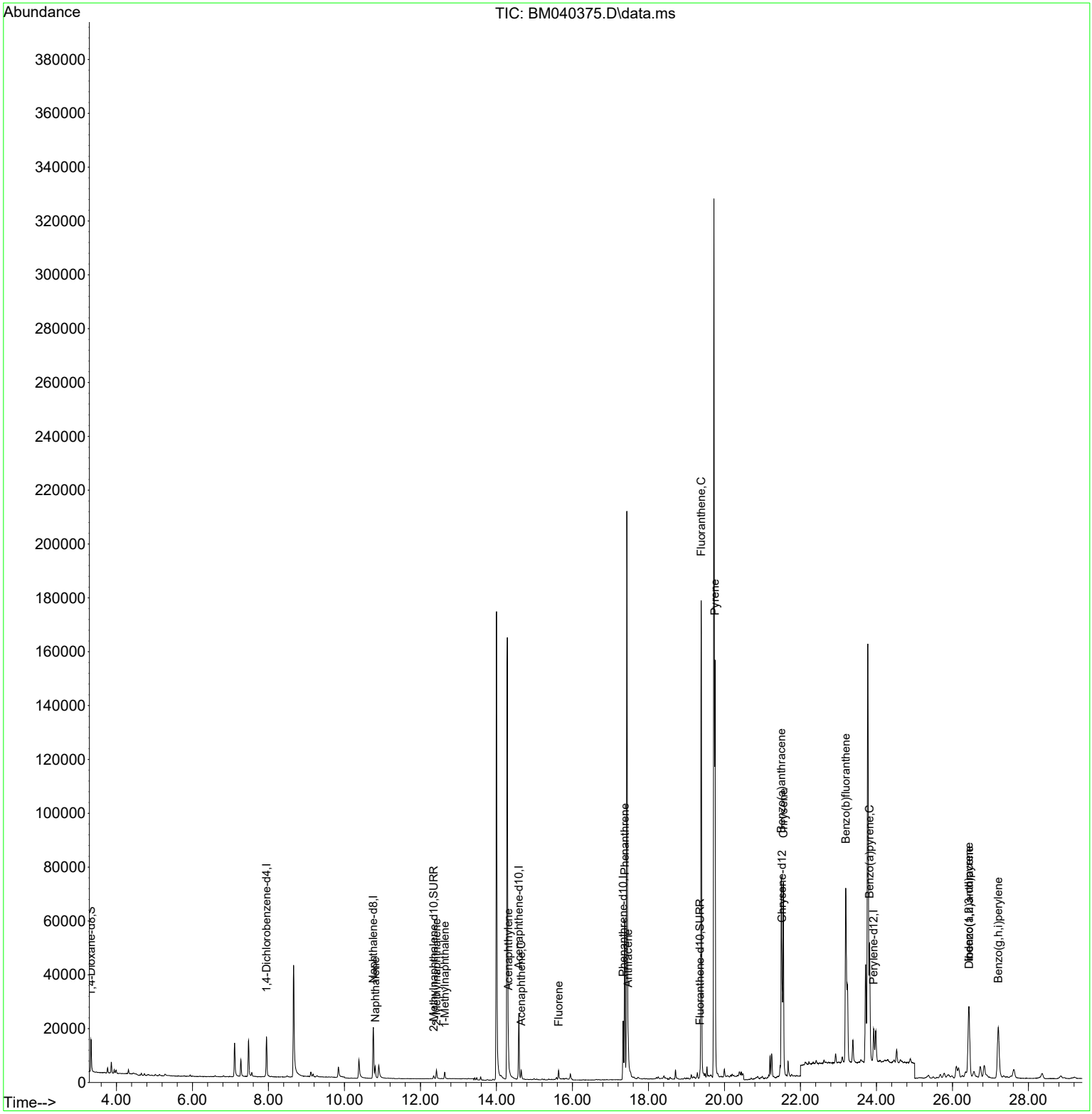
(#) = qualifier out of range (m) = manual integration (+) = signals summed

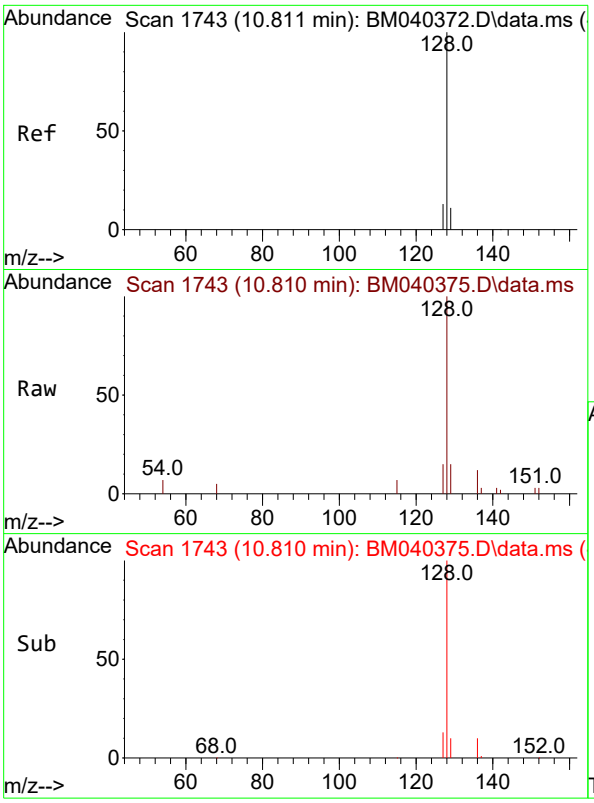
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040375.D
Acq On : 23 Jun 2023 14:53
Operator : MA/JU
Sample : 03084-03DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Quant Time: Jun 24 01:37:04 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



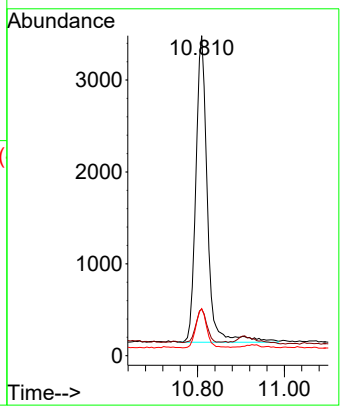


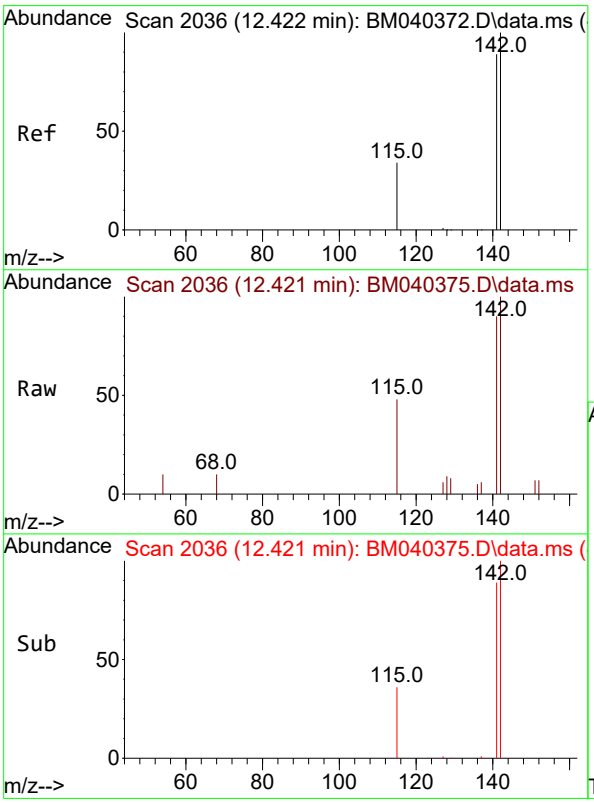
#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.810 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:128 Resp: 6186

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.2	13.8#
127	14.7	10.6	15.8

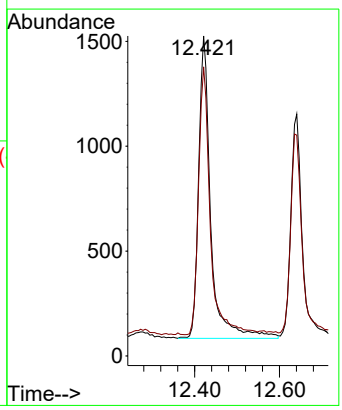


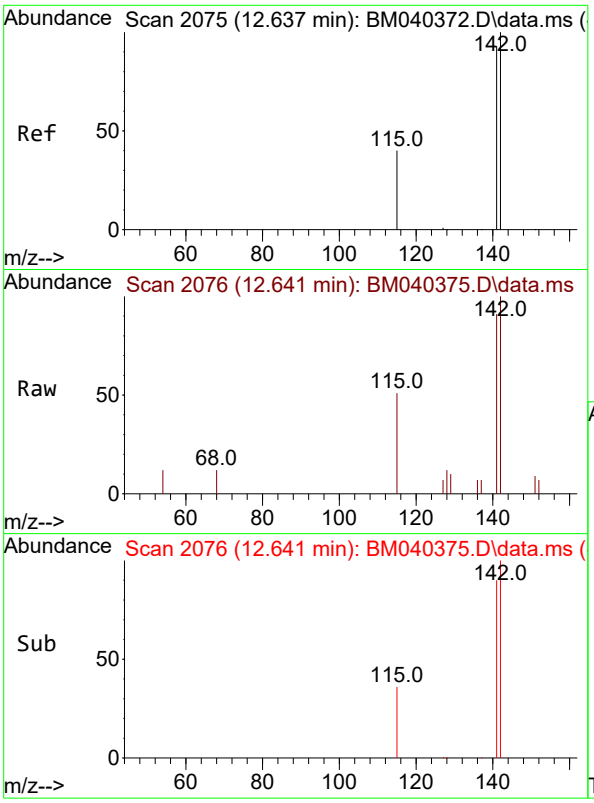


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.421 min Scan# 2036
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:142 Resp: 2851

Ion	Ratio	Lower	Upper
142	100		
141	85.9	71.9	107.9



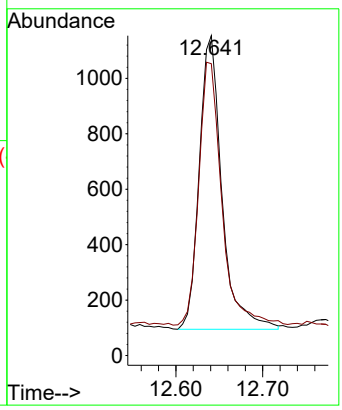


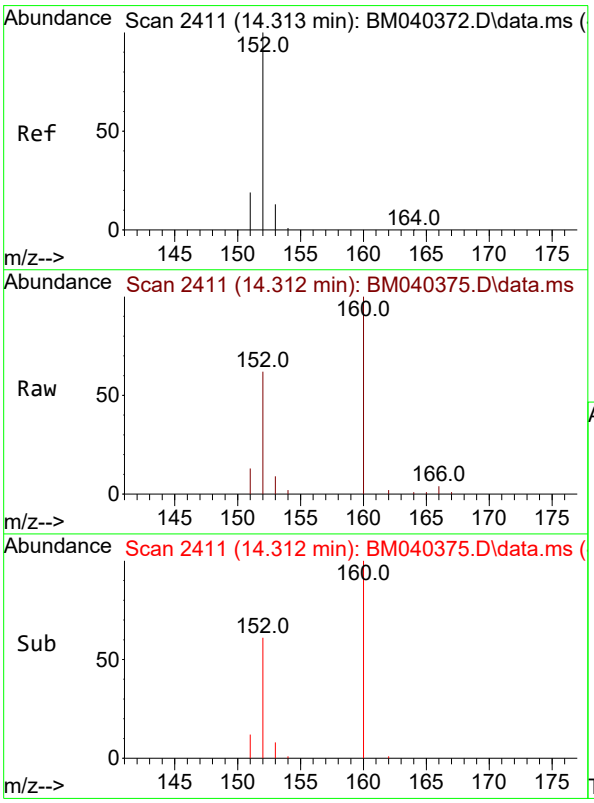
#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.641 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:142 Resp: 1920

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.7	110.5

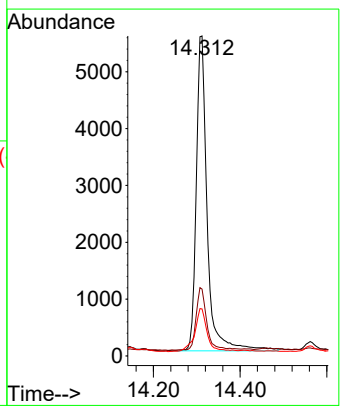


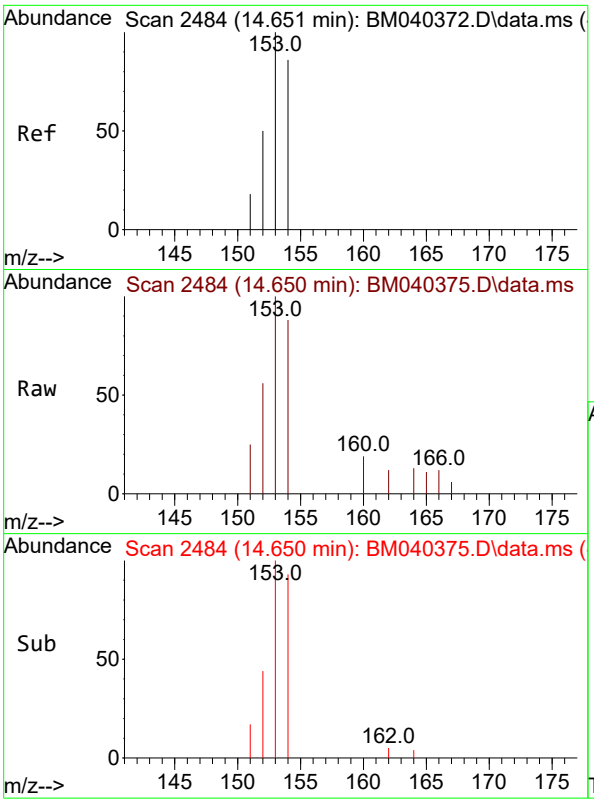


#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.312 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:152 Resp: 9710

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	14.7	10.9	16.3



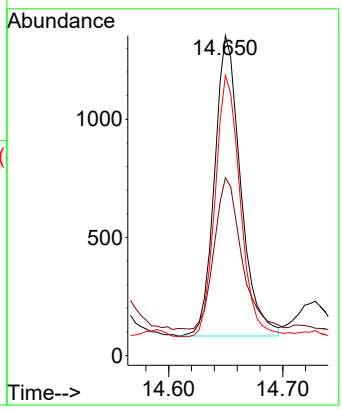


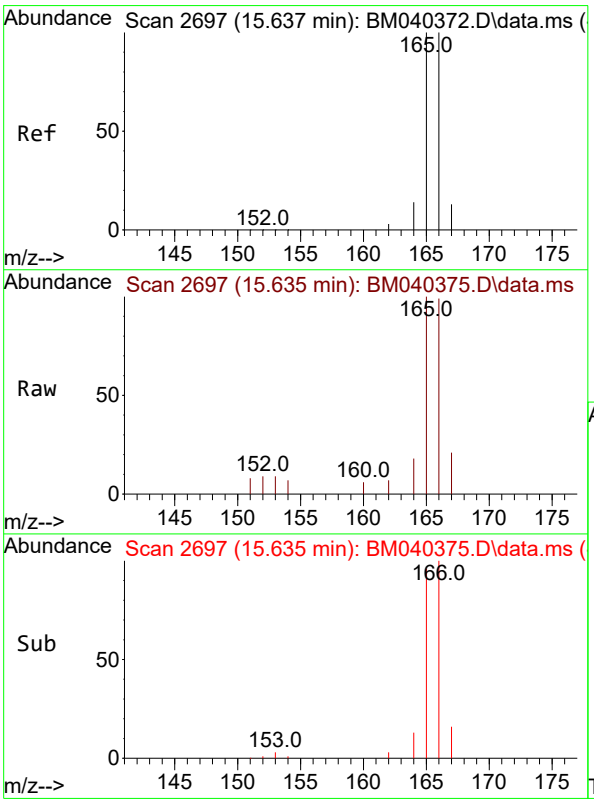
#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.650 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:153 Resp: 2021

Ion	Ratio	Lower	Upper
153	100		
152	55.6	41.0	61.4
154	87.6	70.8	106.2

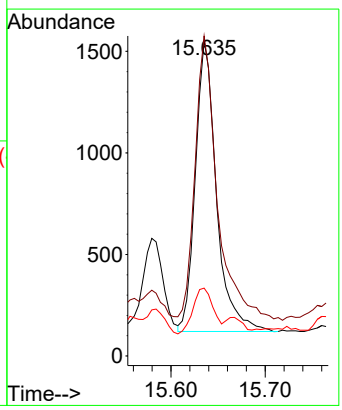


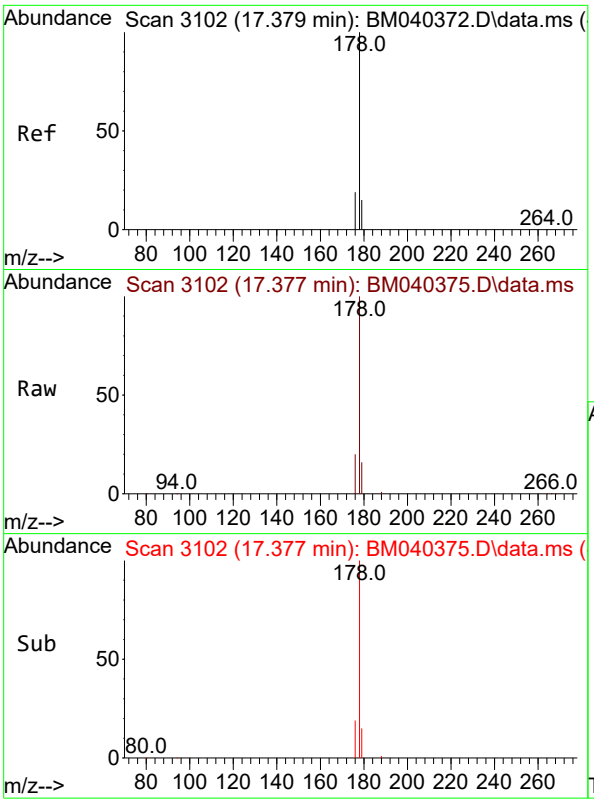


#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.635 min Scan# 2697
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:166 Resp: 2216

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.6	119.4
167	21.5	11.4	17.0#



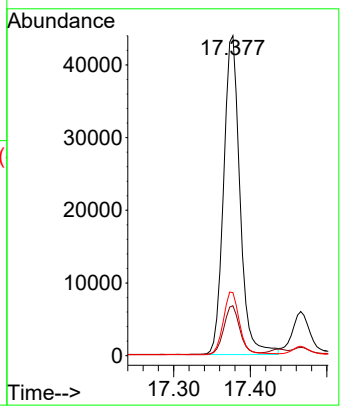


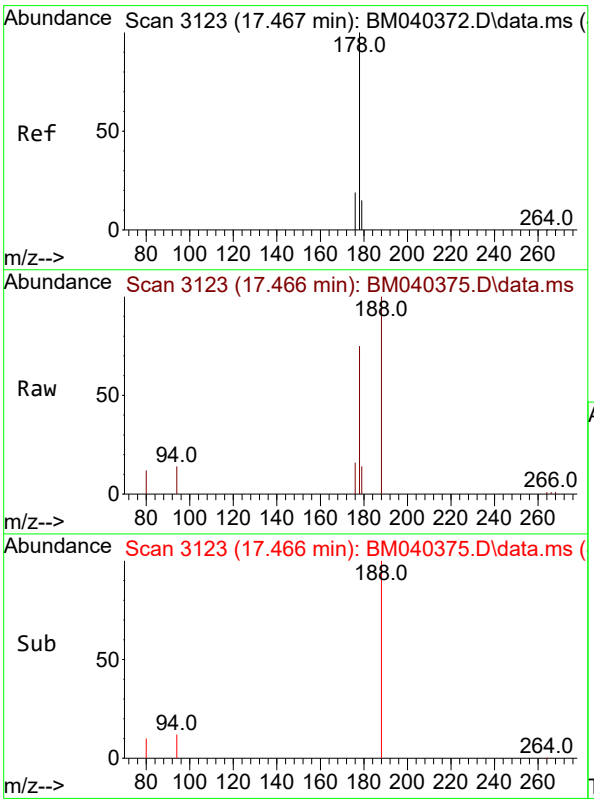
#15
Phenanthrene
Concen: 0.779 ng/ul
RT: 17.377 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:178 Resp: 65119

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.7	16.4	24.6

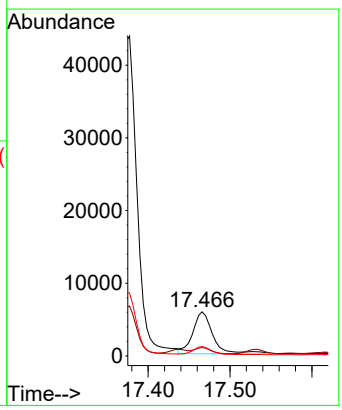


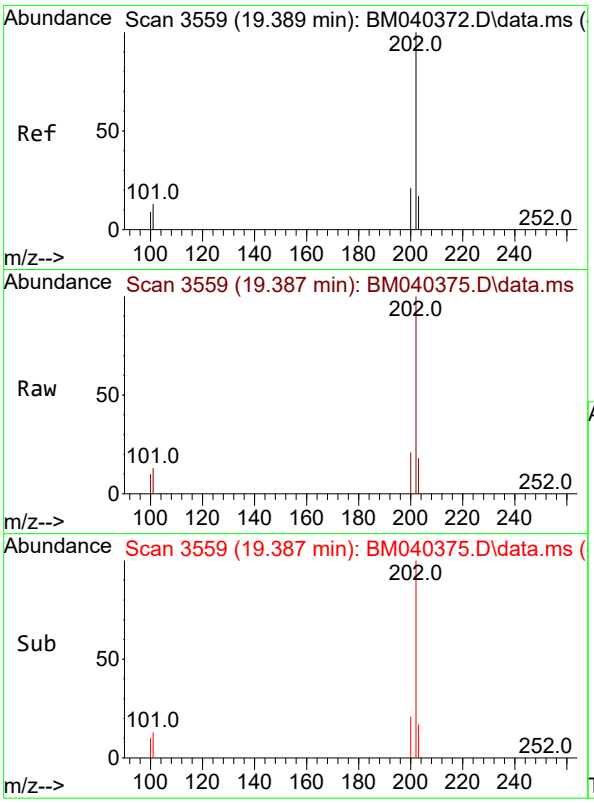


#16
Anthracene
Concen: 0.140 ng/ul
RT: 17.466 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:178 Resp: 9853

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.9	19.3
176	21.4	15.8	23.6



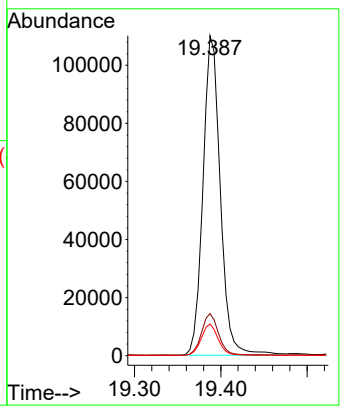


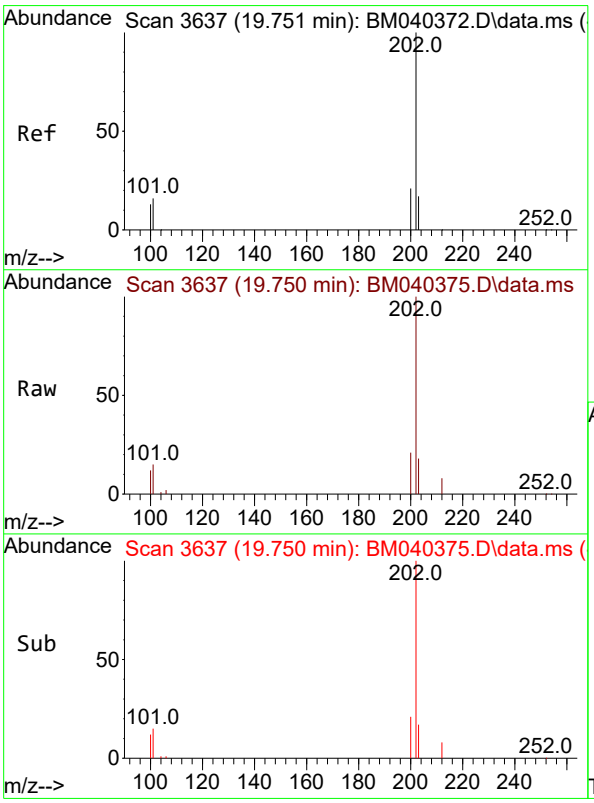
#19
Fluoranthene
Concen: 1.830 ng/ul
RT: 19.387 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:202 Resp: 153833

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.0
100	9.9	8.7	13.1

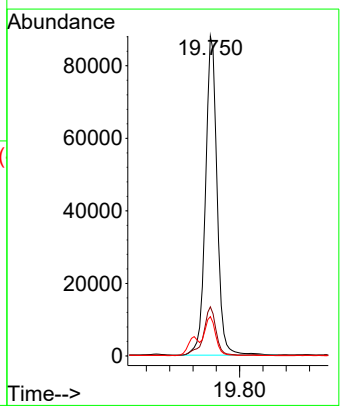


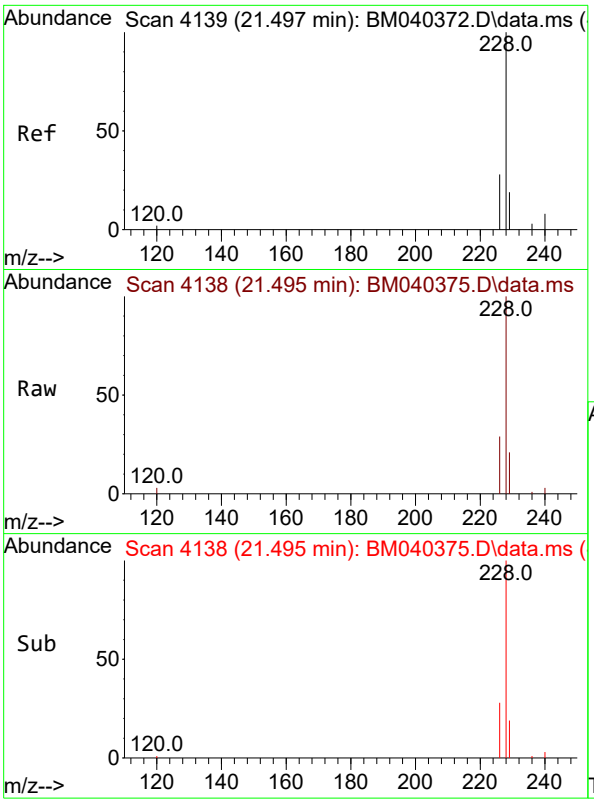


#20
Pyrene
Concen: 1.360 ng/ul
RT: 19.750 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:202 Resp: 122560

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.6	18.8
100	12.3	9.8	14.6



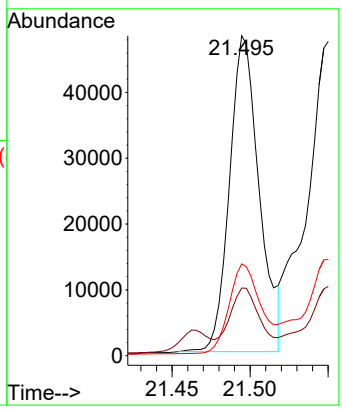


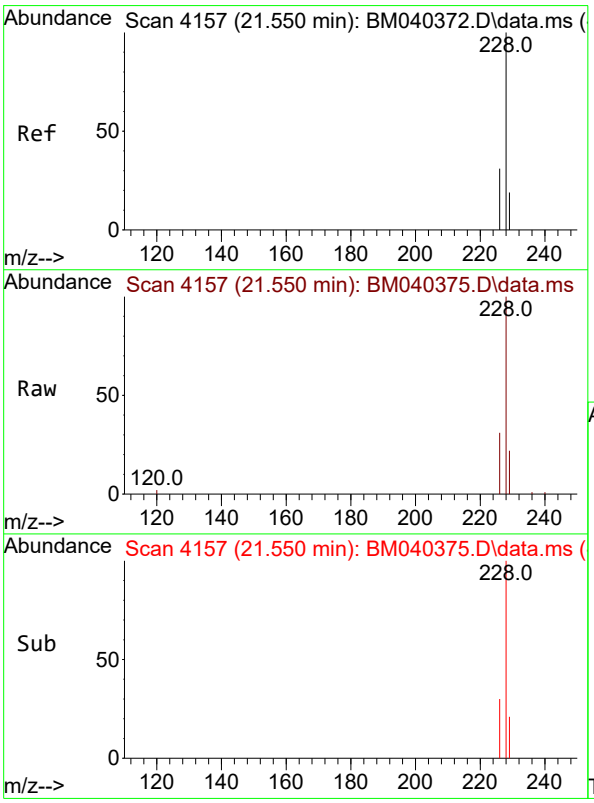
#21
Benzo(a)anthracene
Concen: 0.949 ng/ul
RT: 21.495 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:228 Resp: 63545

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	28.7	22.3	33.5

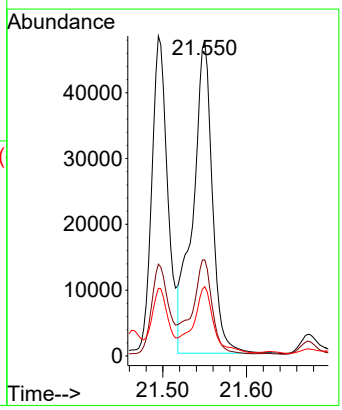


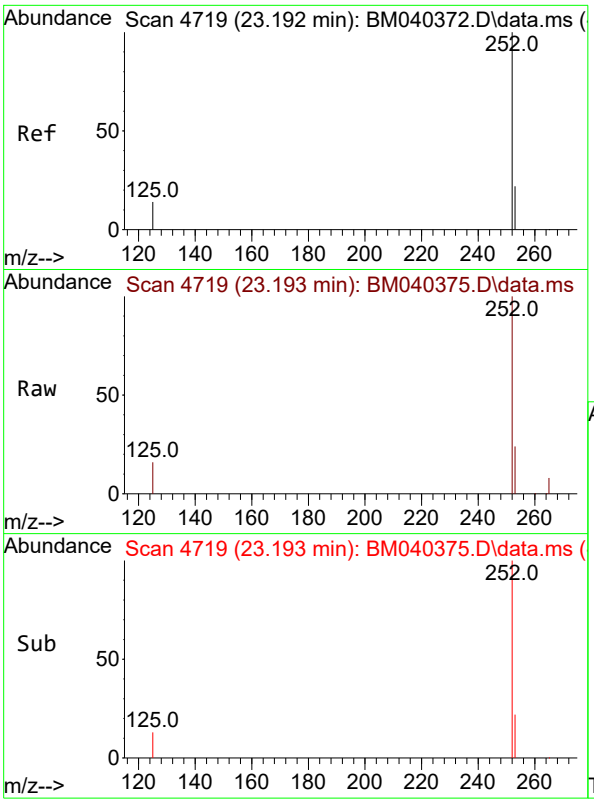


#22
Chrysene
Concen: 1.002 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:228 Resp: 76488

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	22.1	15.8	23.6



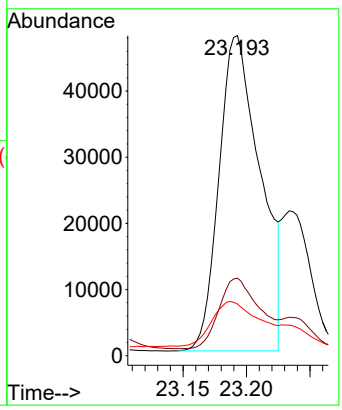


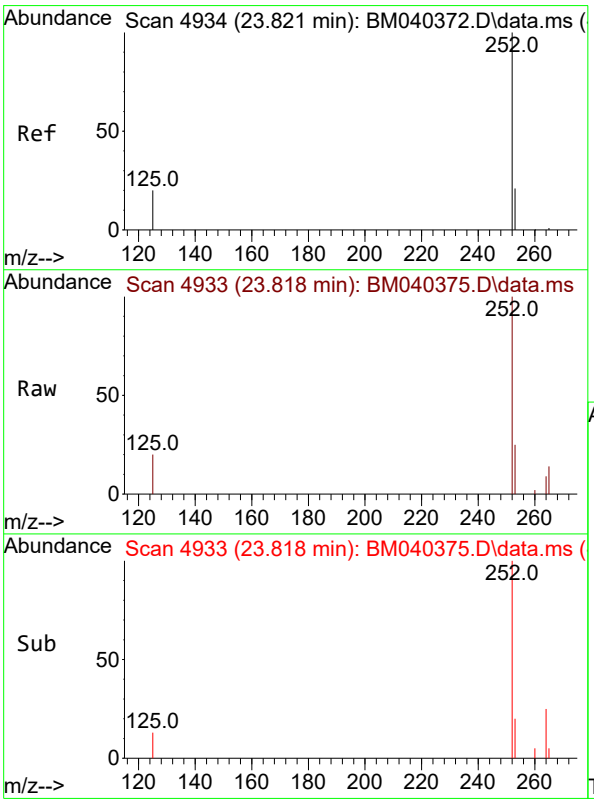
#24
Benzo(b)fluoranthene
Concen: 1.643 ng/ul
RT: 23.193 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:252 Resp: 107888

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	52.8
125	16.2	0.0	43.0

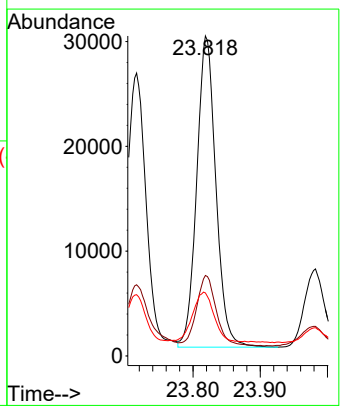


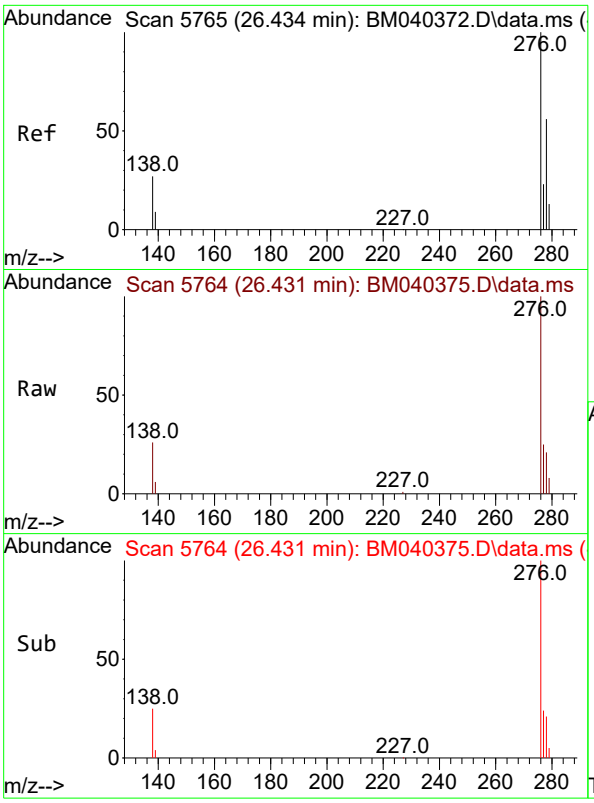


#26
Benzo(a)pyrene
Concen: 0.994 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:252 Resp: 58769

Ion	Ratio	Lower	Upper
252	100		
253	25.2	22.9	34.3
125	19.7	21.0	31.4#



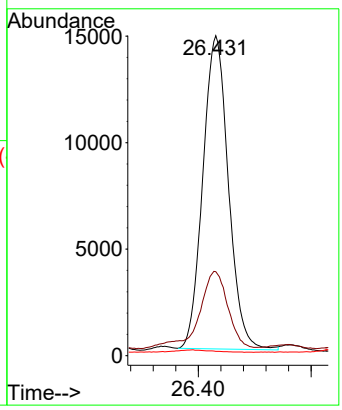


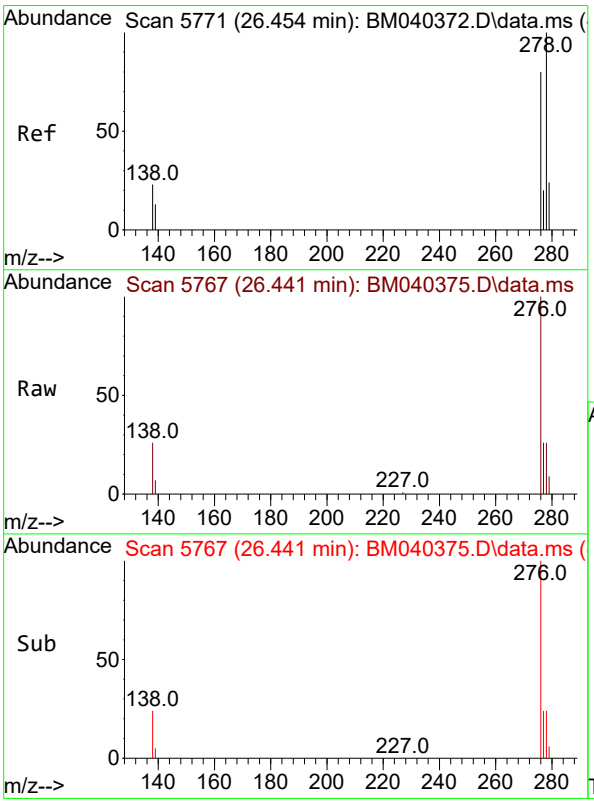
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.561 ng/ul
RT: 26.431 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:276 Resp: 46223

Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.5	36.7
227	0.0	0.1	0.1#

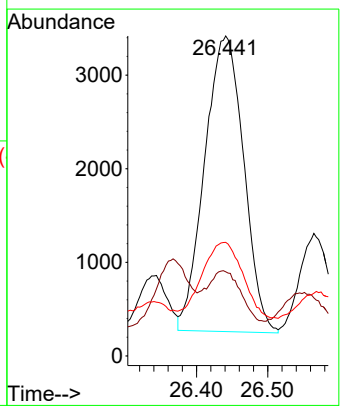


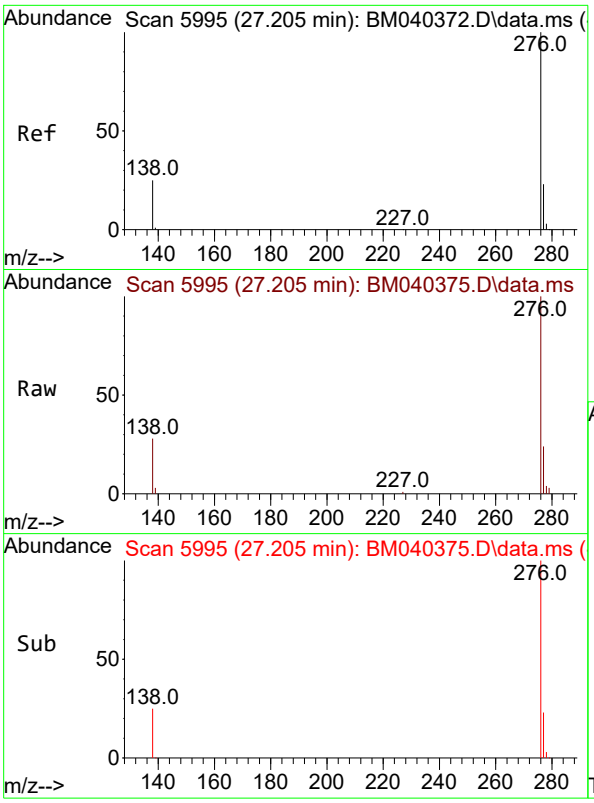


#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:278 Resp: 12046

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.9	26.9
279	35.5	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.603 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :
BNA_M
ClientSampleId :
DCFM0DL

Tgt Ion:276 Resp: 43535

Ion	Ratio	Lower	Upper
276	100		
138	27.5	23.0	34.6
277	24.5	20.3	30.5