Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040430.D
Acq On : 29 Jun 2023 10:29
Operator : MA/JU
Sample : 03143-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFV6

Quant Time: Jun 30 03:04:37 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	7.940	152	5262	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	18910	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	9215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	19618	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.509	240	14128	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	17424	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	18013	2.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4226	0.159	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	8013	0.177	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.800	128	15290	0.293	ng/ul	97
7) 2-Methylnaphthalene	12.411	142	8437	0.275	ng/ul	100
8) 1-Methylnaphthalene	12.631	142	7261	0.237	ng/ul	100
10) Acenaphthylene	14.304	152	47785	1.161	ng/ul	100
11) Acenaphthene	14.647	153	12734	0.366	ng/ul	99
12) Fluorene	15.632	166	12489	0.337	ng/ul	99
15) Phenanthrene	17.370	178	446517	7.327	ng/ul	98
16) Anthracene	17.463	178	69894	1.365	ng/ul	99
19) Fluoranthene	19.384	202	1332356	22.201	ng/ul	95
20) Pyrene	19.747	202	1050882	16.333	ng/ul	98
21) Benzo(a)anthracene	21.494	228	495230	10.363	ng/ul	99
22) Chrysene	21.547	228	606174	11.120	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	906193	13.439	ng/ul	88
26) Benzo(a)pyrene	23.818	252	557959	9.186	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.430	276	419668	4.961	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.441	278	101527	1.533	ng/ul	96
29) Benzo(g,h,i)perylene	27.205	276	373077	5.032	ng/ul	94

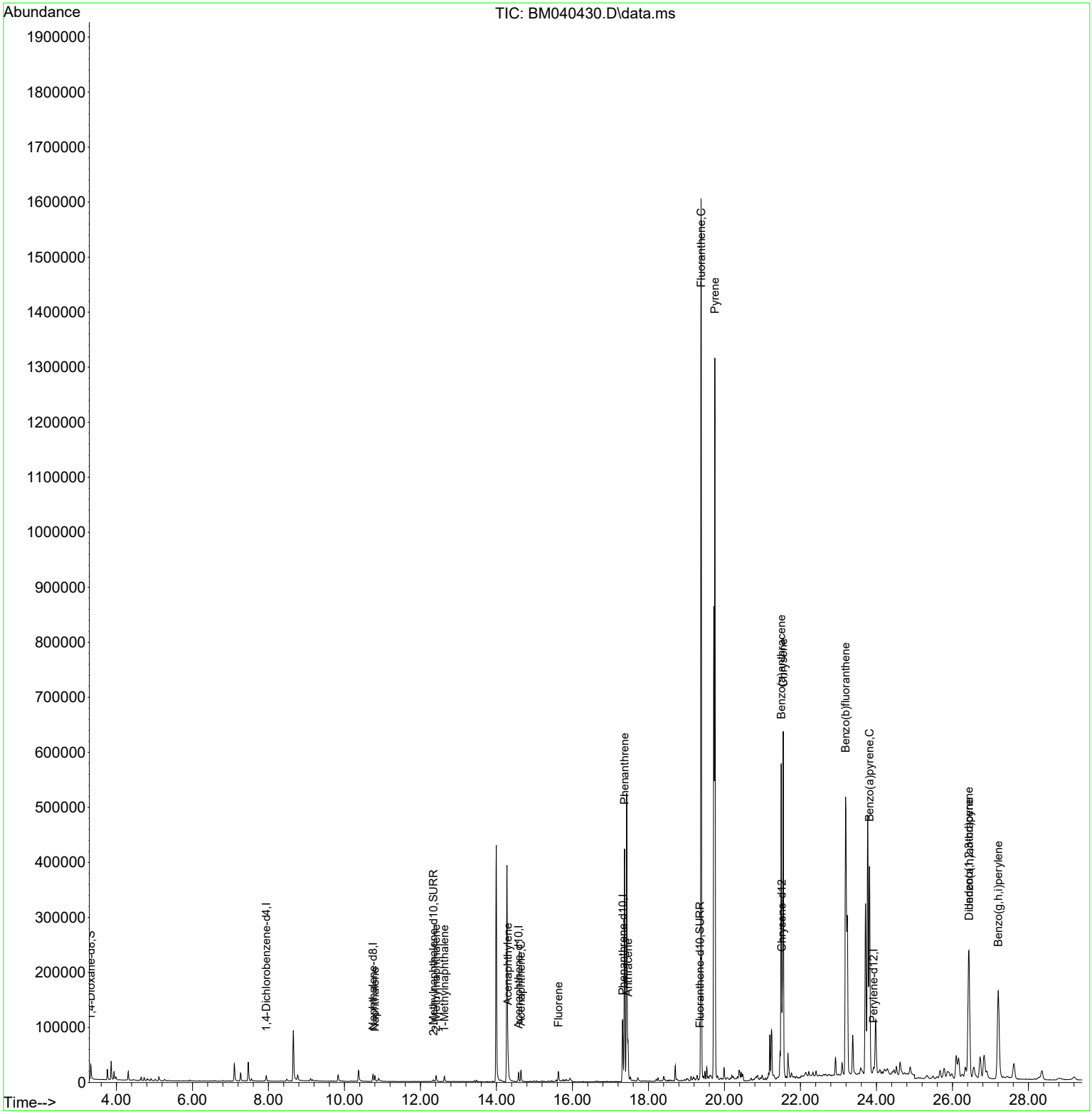
(#) = qualifier out of range (m) = manual integration (+) = signals summed

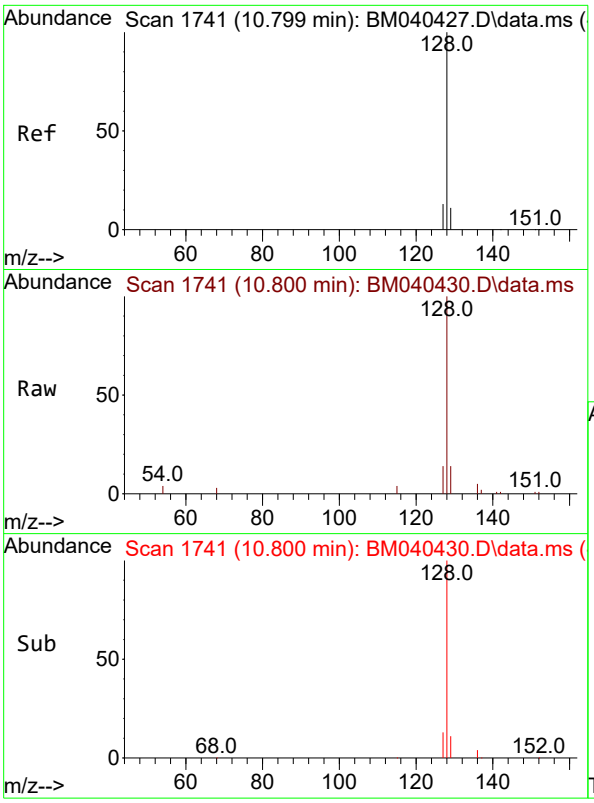
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040430.D
Acq On : 29 Jun 2023 10:29
Operator : MA/JU
Sample : 03143-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFV6

Quant Time: Jun 30 03:04:37 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



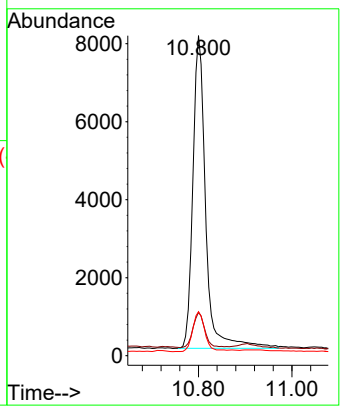


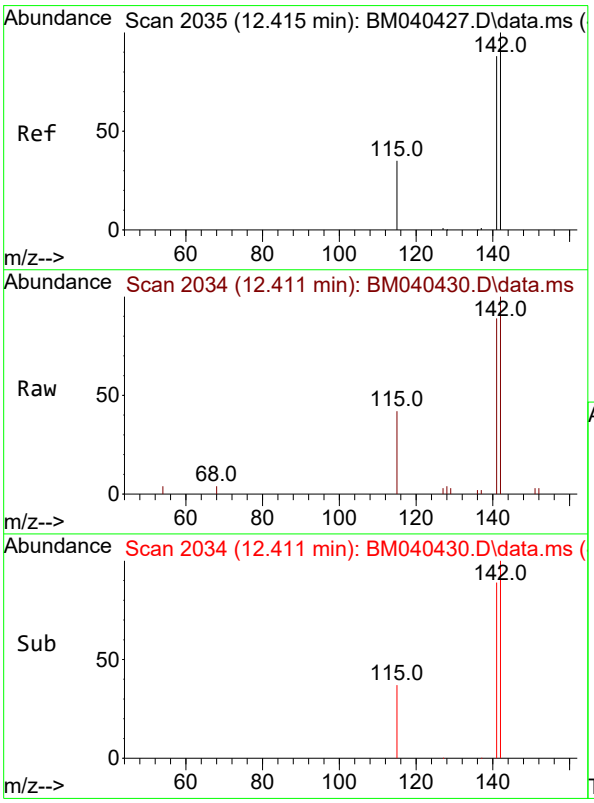
#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.800 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:128 Resp: 15290

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.2	13.8
127	13.8	10.6	15.8

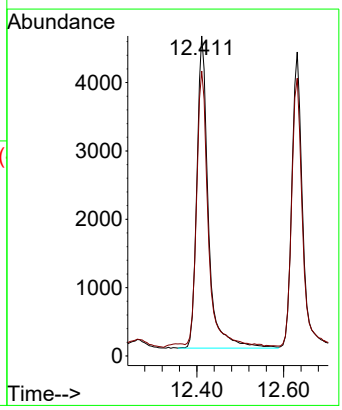


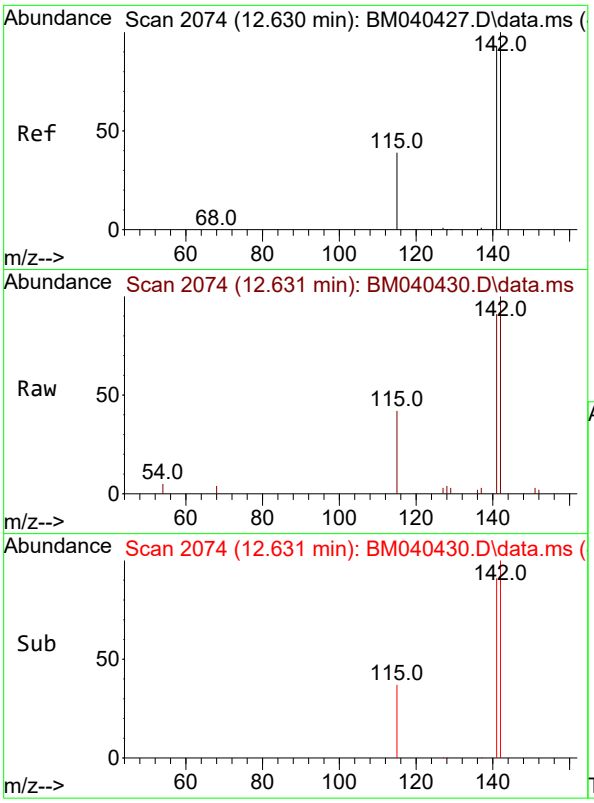


#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:142 Resp: 8437

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9



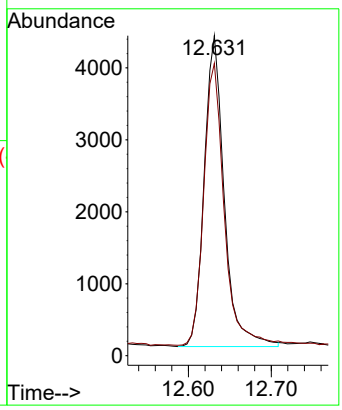


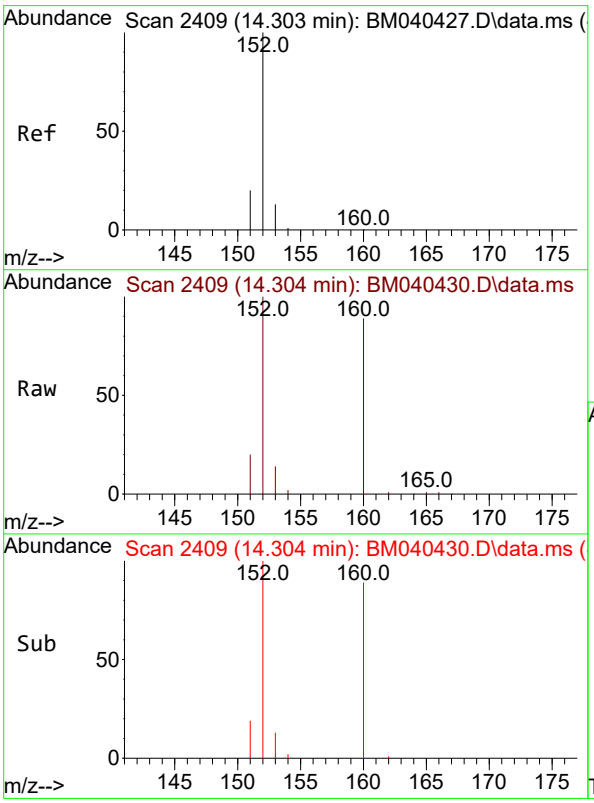
#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.631 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:142 Resp: 7261

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5

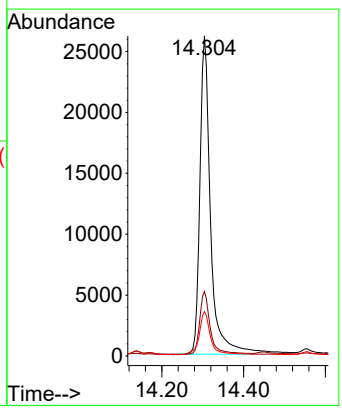


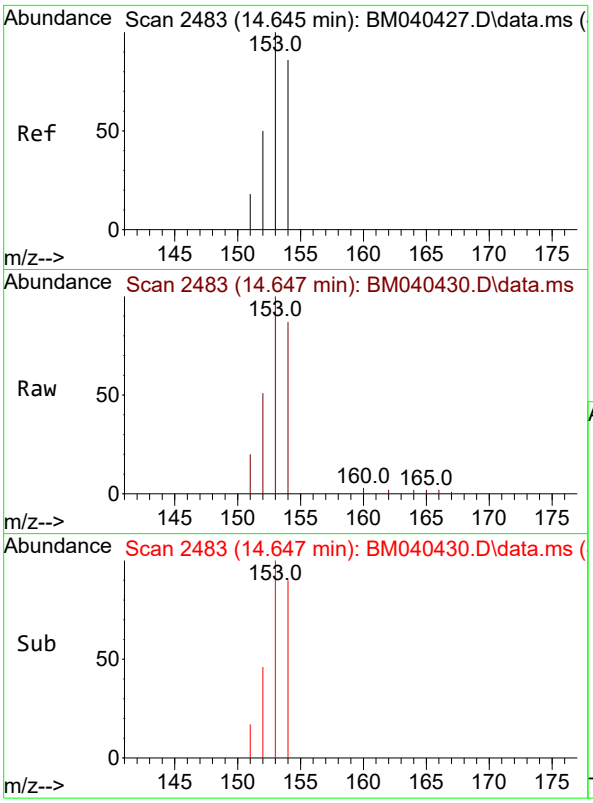


#10
Acenaphthylene
Concen: 1.161 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:152 Resp: 47785

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.9	10.9	16.3



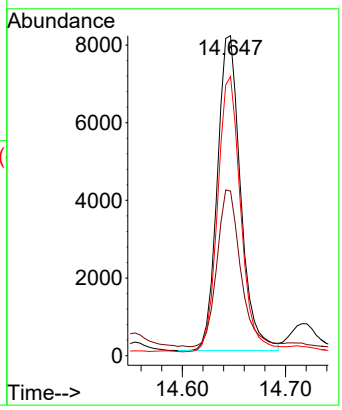


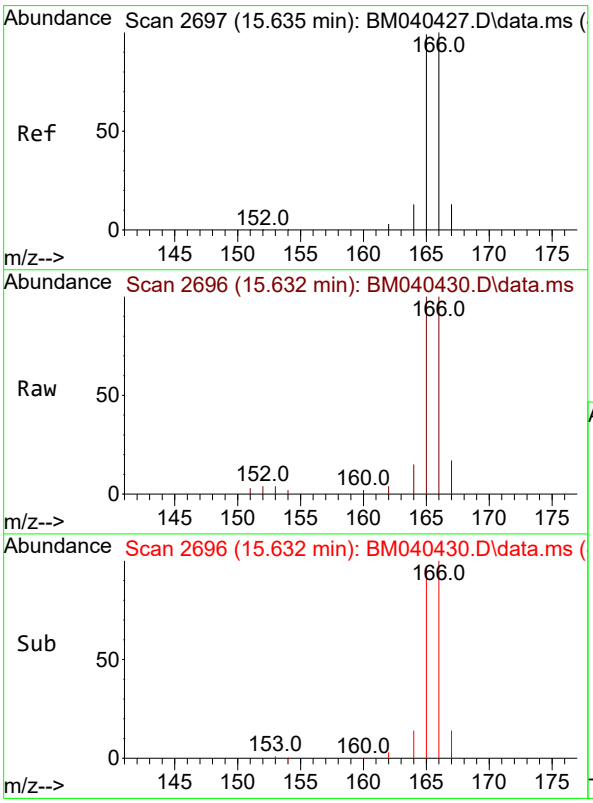
#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.647 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:153 Resp: 12734

Ion	Ratio	Lower	Upper
153	100		
152	51.4	41.0	61.4
154	87.2	70.8	106.2

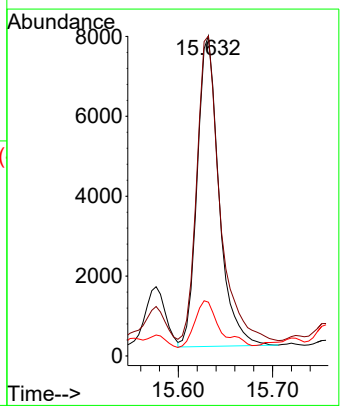


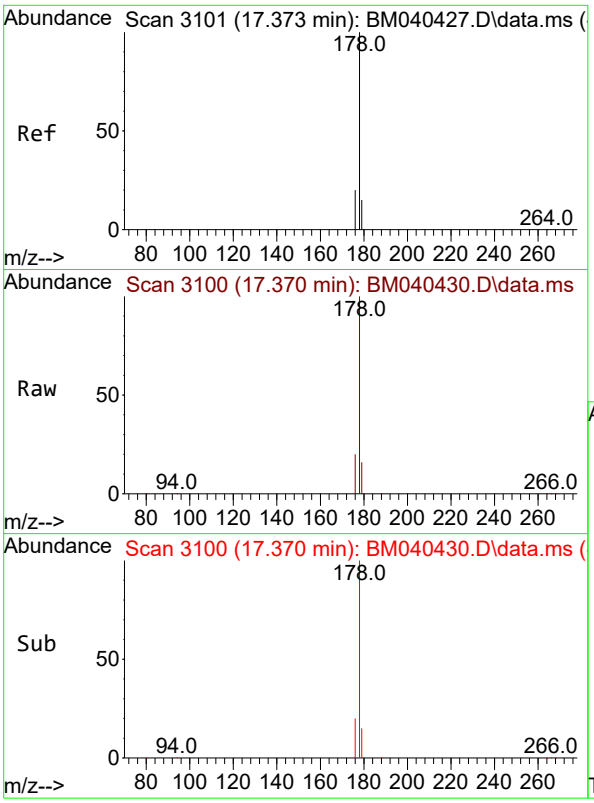


#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:166 Resp: 12489

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.6	119.4
167	16.8	11.4	17.0



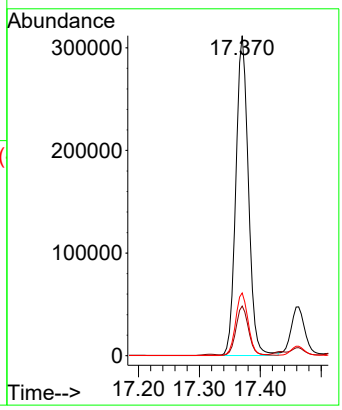


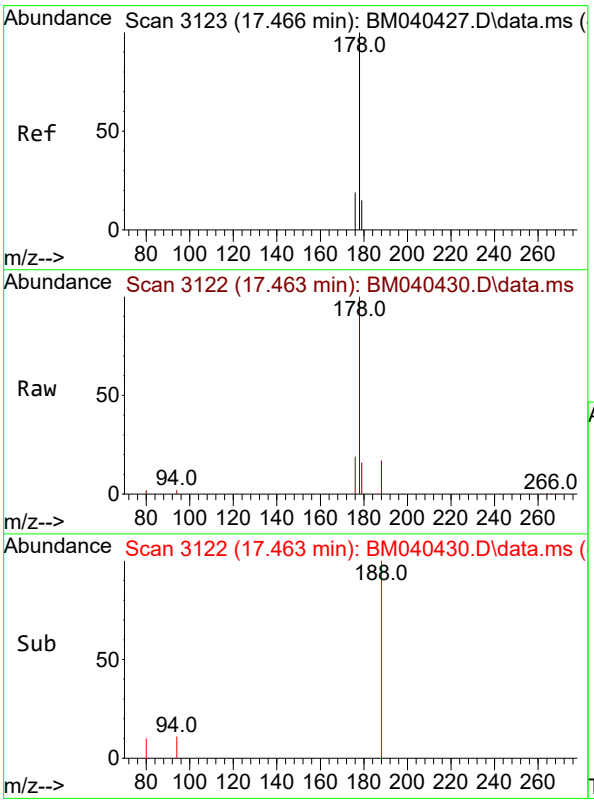
#15
Phenanthrene
Concen: 7.327 ng/ul
RT: 17.370 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:178 Resp: 446517

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.6	16.4	24.6

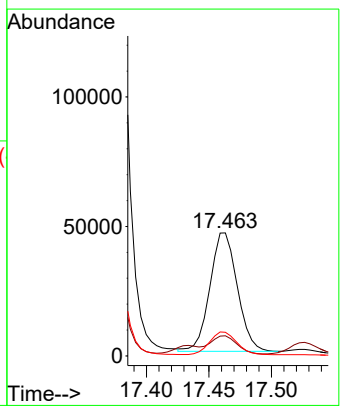


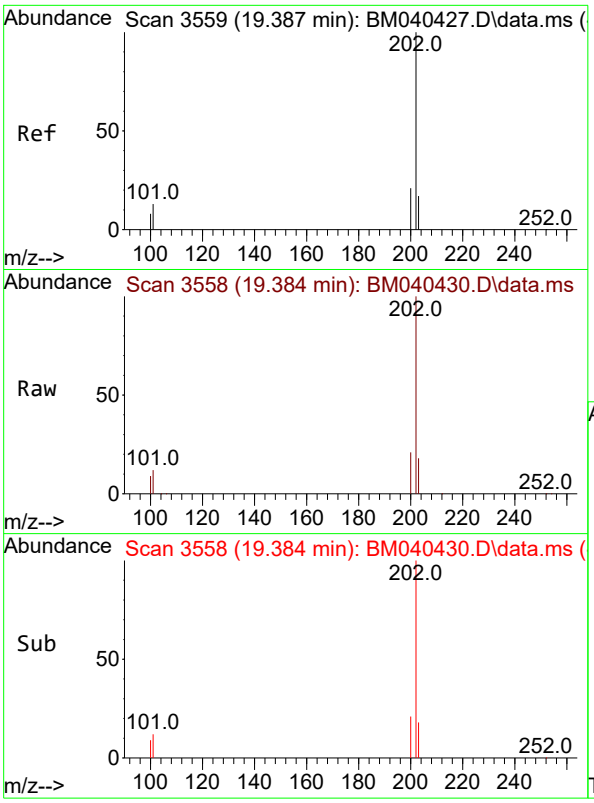


#16
Anthracene
Concen: 1.365 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:178 Resp: 69894

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.3	15.8	23.6



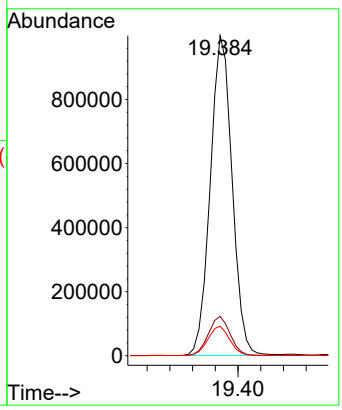


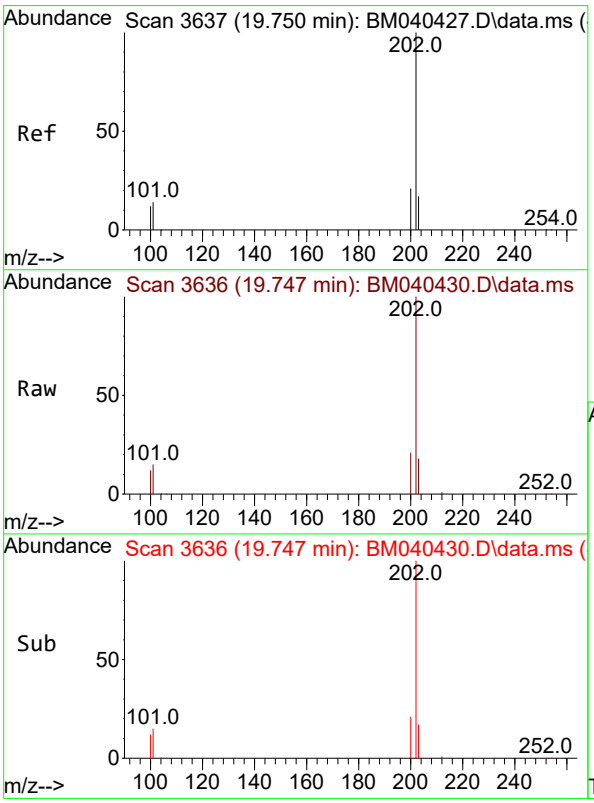
#19
Fluoranthene
Concen: 22.201 ng/ul
RT: 19.384 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:202 Resp: 1332356

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.4	17.0
100	9.2	8.7	13.1

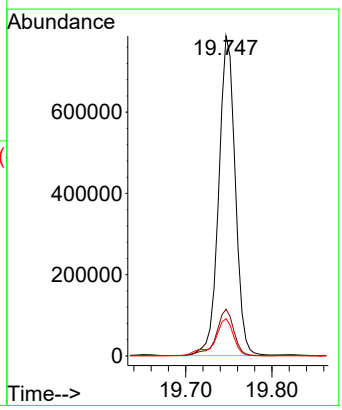


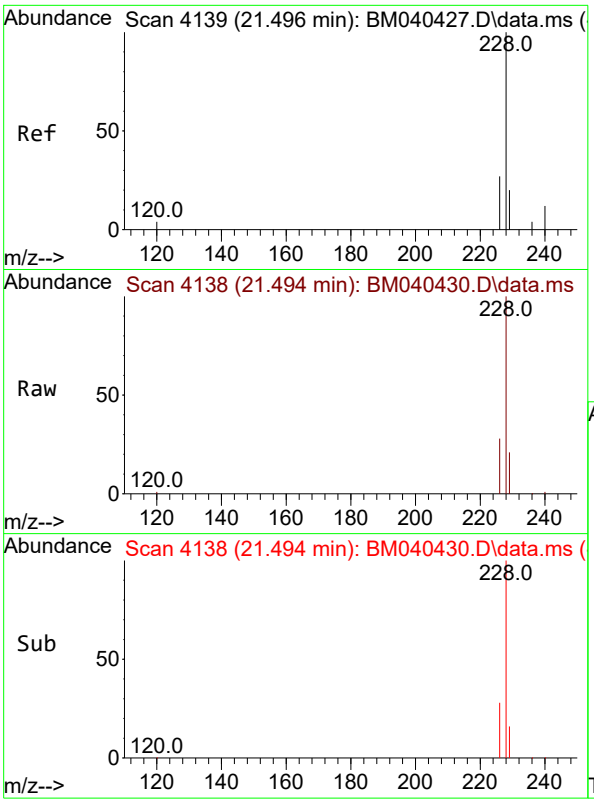


#20
Pyrene
Concen: 16.333 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:202 Resp: 1050882

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.6	18.8
100	11.6	9.8	14.6



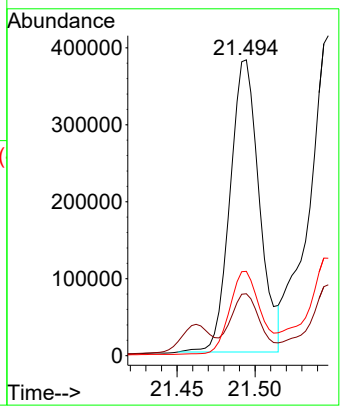


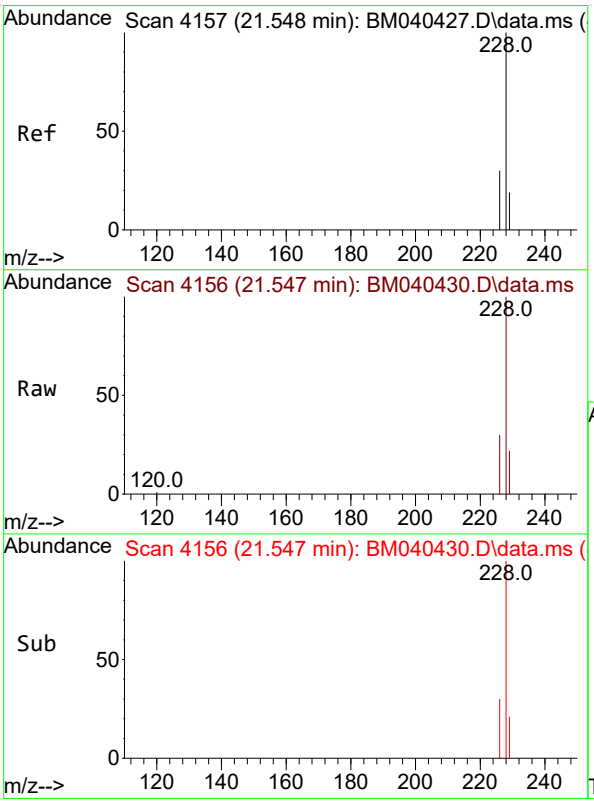
#21
Benzo(a)anthracene
Concen: 10.363 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:228 Resp: 495230

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	28.5	22.3	33.5

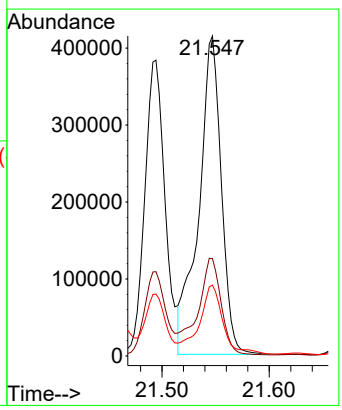


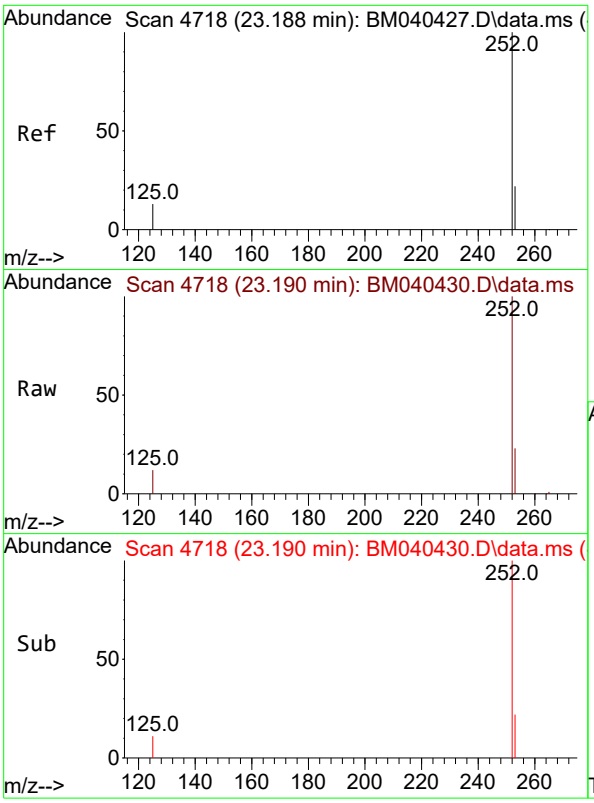


#22
Chrysene
Concen: 11.120 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:228 Resp: 606174

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.2	15.8	23.6



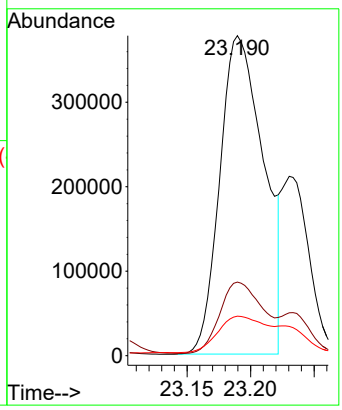


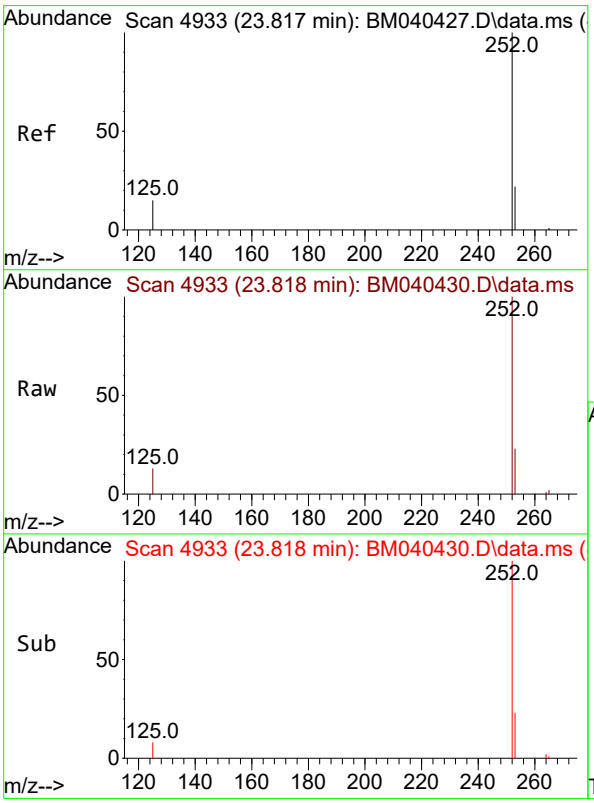
#24
Benzo(b)fluoranthene
Concen: 13.439 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:252 Resp: 906193

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	12.4	0.0	43.0

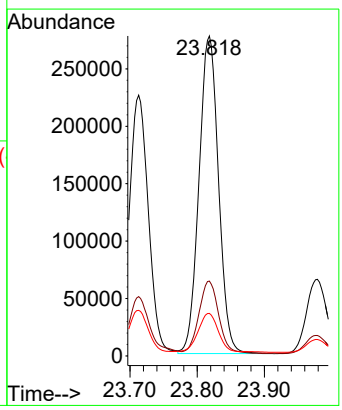


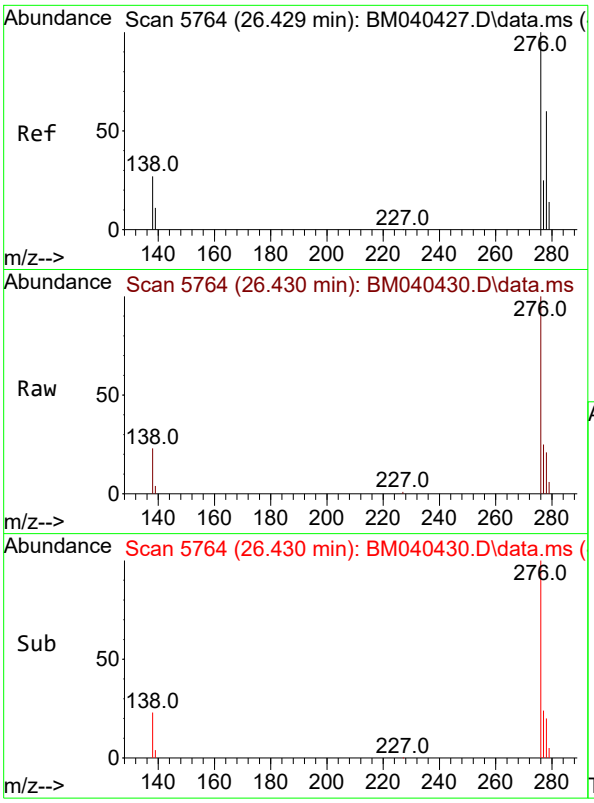


#26
Benzo(a)pyrene
Concen: 9.186 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:252 Resp: 557959

Ion	Ratio	Lower	Upper
252	100		
253	23.4	22.9	34.3
125	13.3	21.0	31.4#



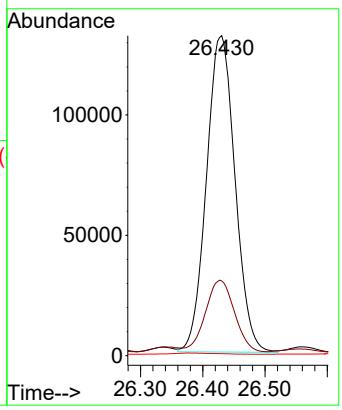


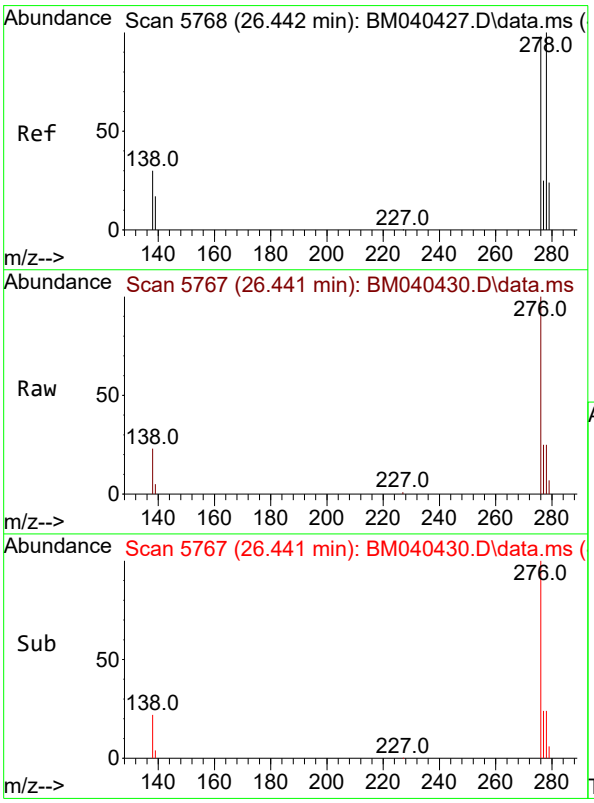
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.961 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:276 Resp: 419668

Ion	Ratio	Lower	Upper
276	100		
138	22.8	24.5	36.7#
227	0.0	0.1	0.1#

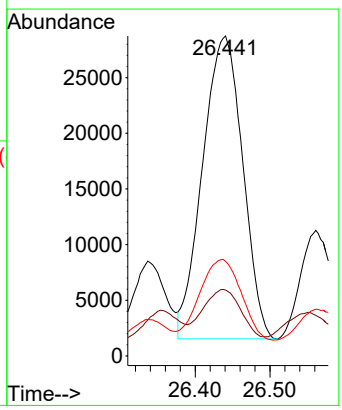


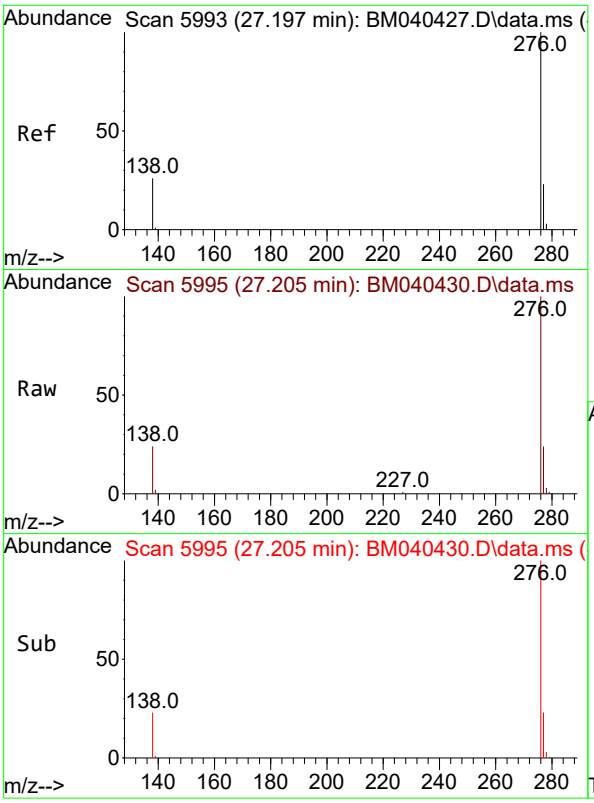


#28
Dibenzo(a,h)anthracene
Concen: 1.533 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Tgt Ion:278 Resp: 101527

Ion	Ratio	Lower	Upper
278	100		
139	20.6	17.9	26.9
279	29.6	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 5.032 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040430.D
Acq: 29 Jun 2023 10:29

Instrument :
BNA_M
ClientSampleId :
DCFV6

Tgt Ion:276 Resp: 373077

Ion	Ratio	Lower	Upper
276	100		
138	24.1	23.0	34.6
277	24.2	20.3	30.5