Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040594.D
Acq On : 04 Jul 2023 02:55
Operator : MA/JU
Sample : 03242-01DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 04:18:04 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 : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	23707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	21714	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12977	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12346	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	8869	0.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	2209	0.066	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	3143	0.076	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.778	128	4238	0.065	ng/ul#	89
7) 2-Methylnaphthalene	12.389	142	2775	0.072	ng/ul	98
8) 1-Methylnaphthalene	12.609	142	2002	0.052	ng/ul	98
10) Acenaphthylene	14.286	152	6764	0.135	ng/ul#	95
11) Acenaphthene	14.623	153	1418	0.034	ng/ul	96
12) Fluorene	15.613	166	1342	0.030	ng/ul#	89
15) Phenanthrene	17.353	178	37153	0.551	ng/ul	99
16) Anthracene	17.446	178	8428	0.149	ng/ul#	94
19) Fluoranthene	19.370	202	102035	1.851	ng/ul	96
20) Pyrene	19.733	202	80926	1.369	ng/ul	99
21) Benzo(a)anthracene	21.480	228	45169	1.029	ng/ul	97
22) Chrysene	21.532	228	41760	0.834	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	73300	1.534	ng/ul	94
26) Benzo(a)pyrene	23.795	252	41770	0.971	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.397	276	39090	0.652	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	9039	0.193	ng/ul#	80
29) Benzo(g,h,i)perylene	27.168	276	34981	0.666	ng/ul	98

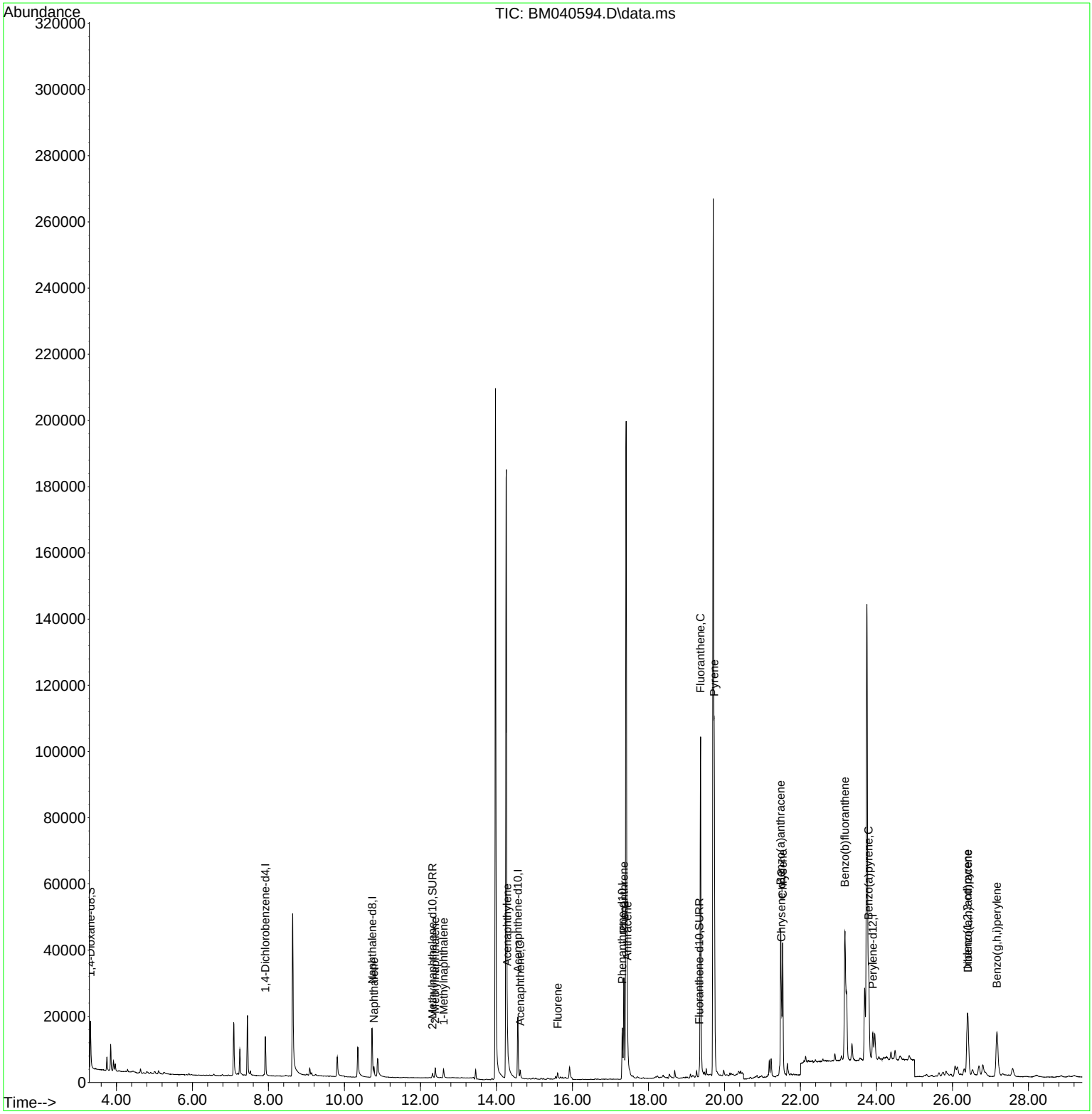
(#) = qualifier out of range (m) = manual integration (+) = signals summed

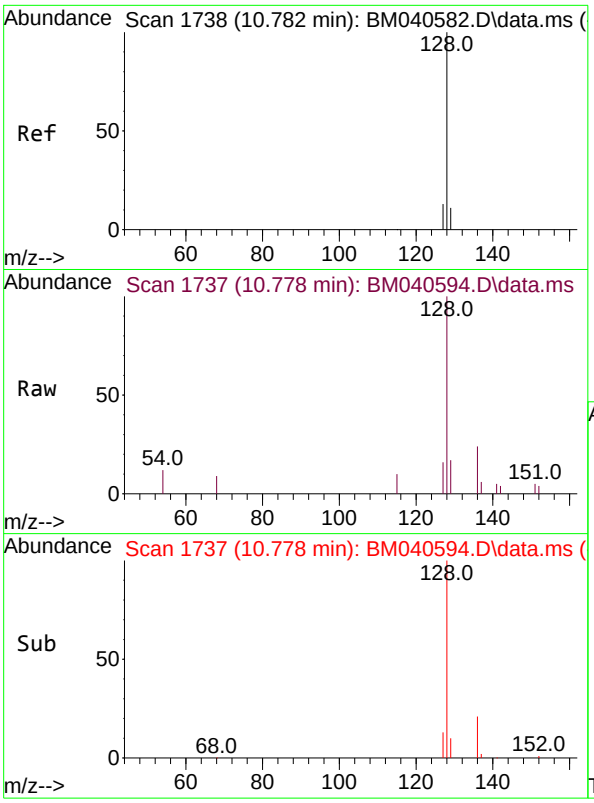
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040594.D
Acq On : 04 Jul 2023 02:55
Operator : MA/JU
Sample : 03242-01DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 04:18:04 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 : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration



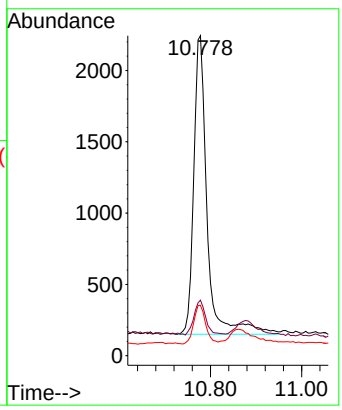


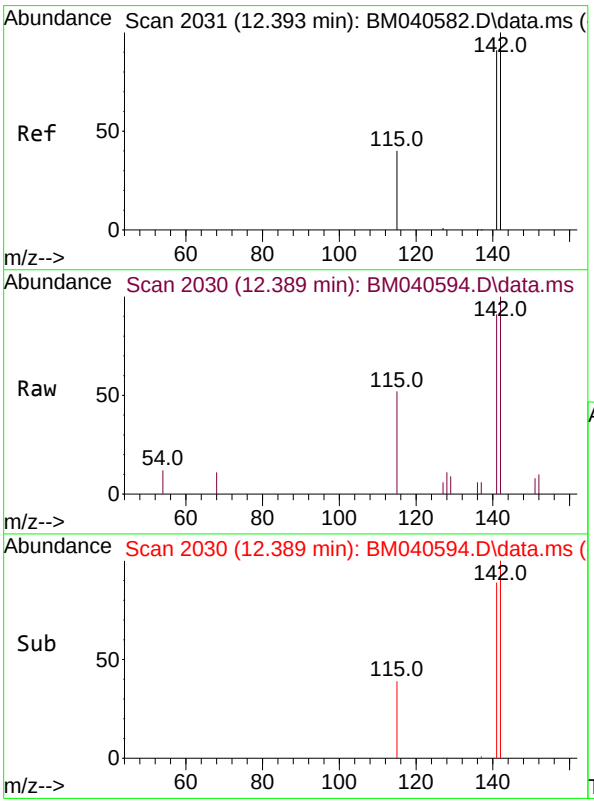
#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.778 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 4238

Ion	Ratio	Lower	Upper
128	100		
129	17.4	9.2	13.8#
127	15.8	10.6	15.8

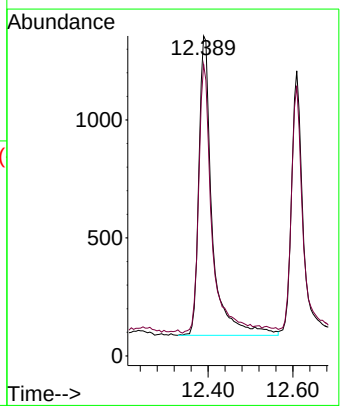


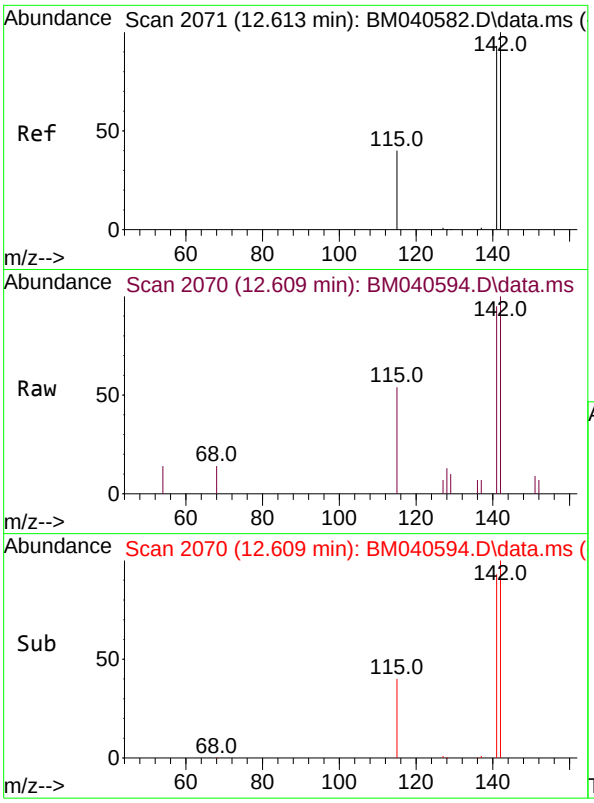


#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:142 Resp: 2775

Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9



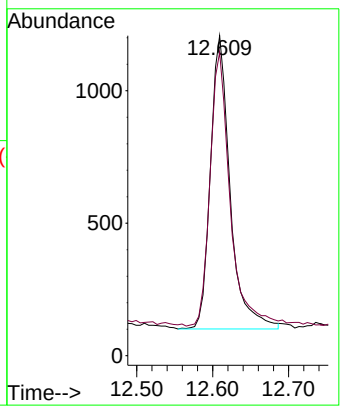


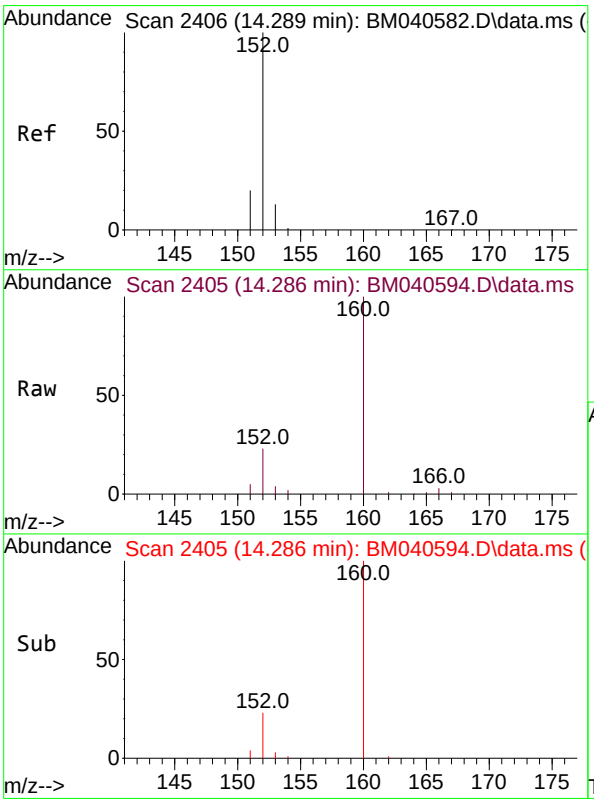
#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.609 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 2002

Ion	Ratio	Lower	Upper
142	100		
141	94.3	73.7	110.5

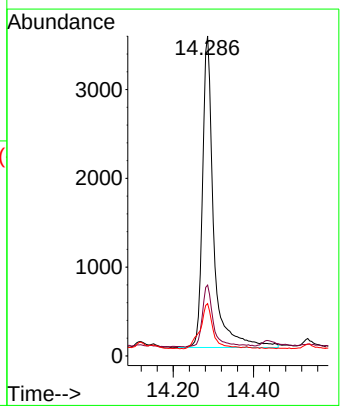


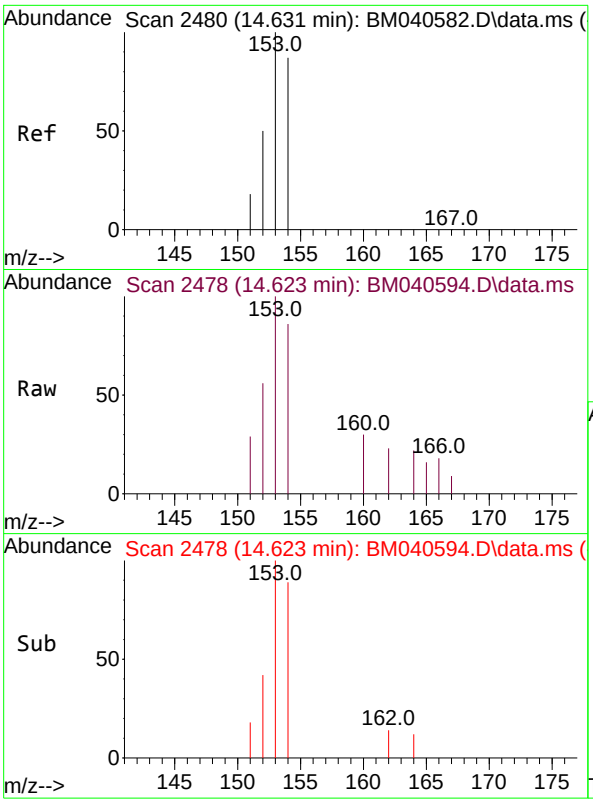


#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:152 Resp: 6764

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.2	24.2
153	16.4	10.9	16.3#



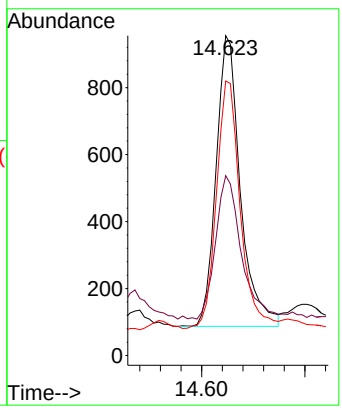


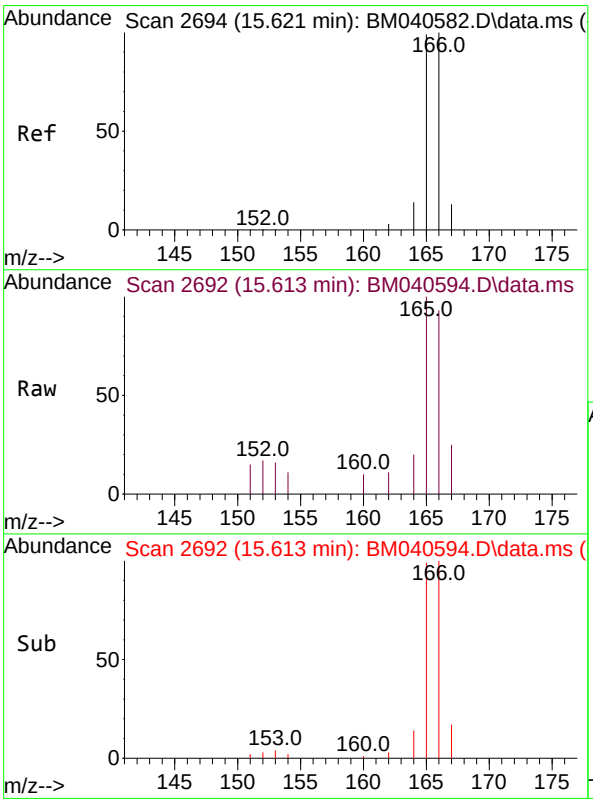
#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.623 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 1418

Ion	Ratio	Lower	Upper
153	100		
152	56.2	41.0	61.4
154	85.9	70.8	106.2

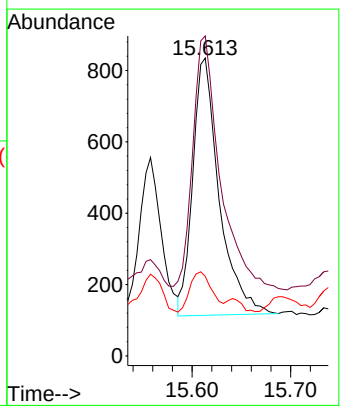


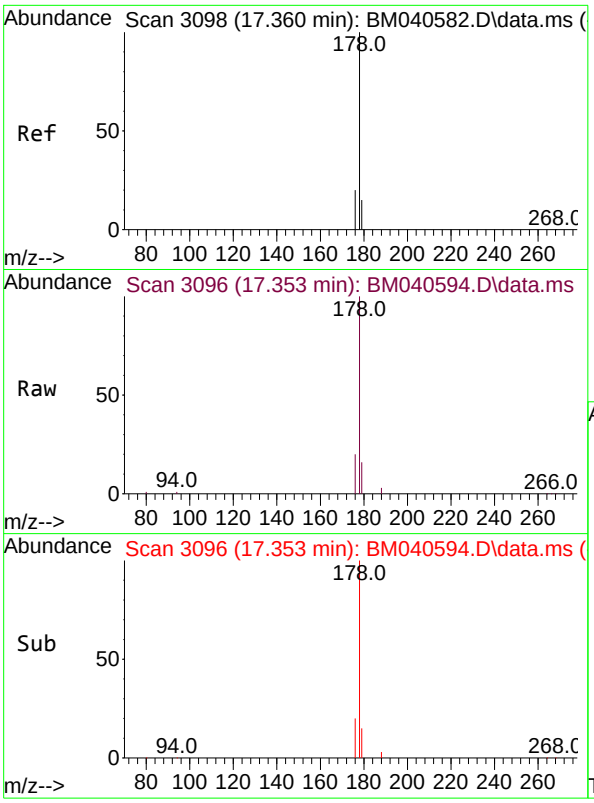


#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.613 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:166 Resp: 1342

Ion	Ratio	Lower	Upper
166	100		
165	107.4	79.6	119.4
167	26.7	11.4	17.0#



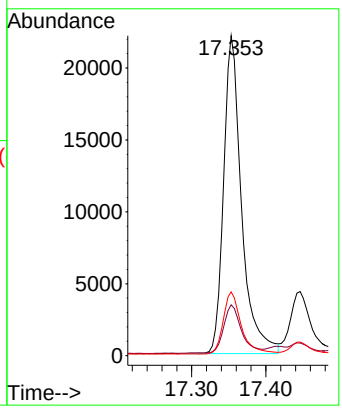


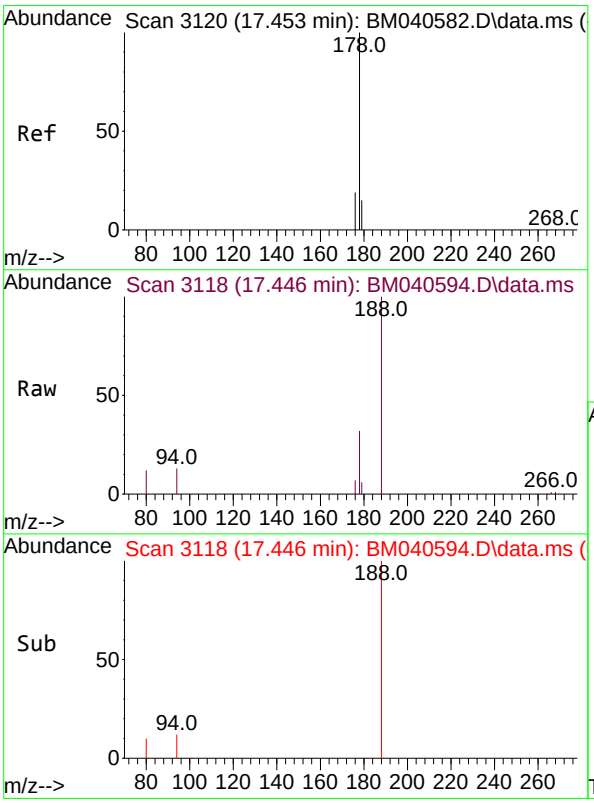
#15
Phenanthrene
Concen: 0.551 ng/ul
RT: 17.353 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 37153

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	16.4	24.6

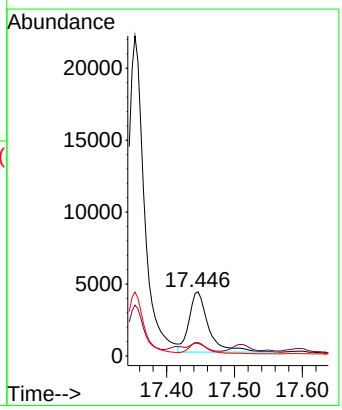


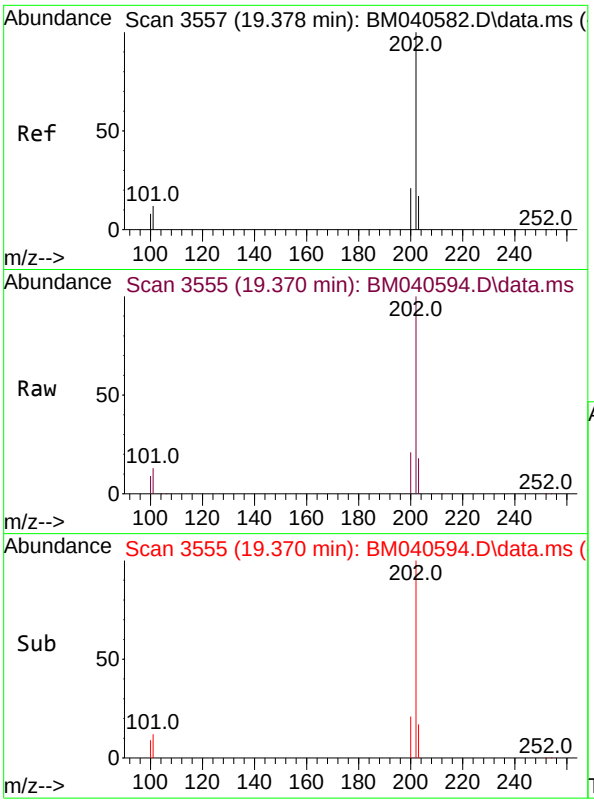


#16
Anthracene
Concen: 0.149 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:178 Resp: 8428

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.9	19.3#
176	21.2	15.8	23.6



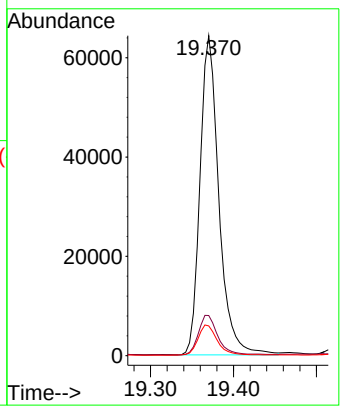


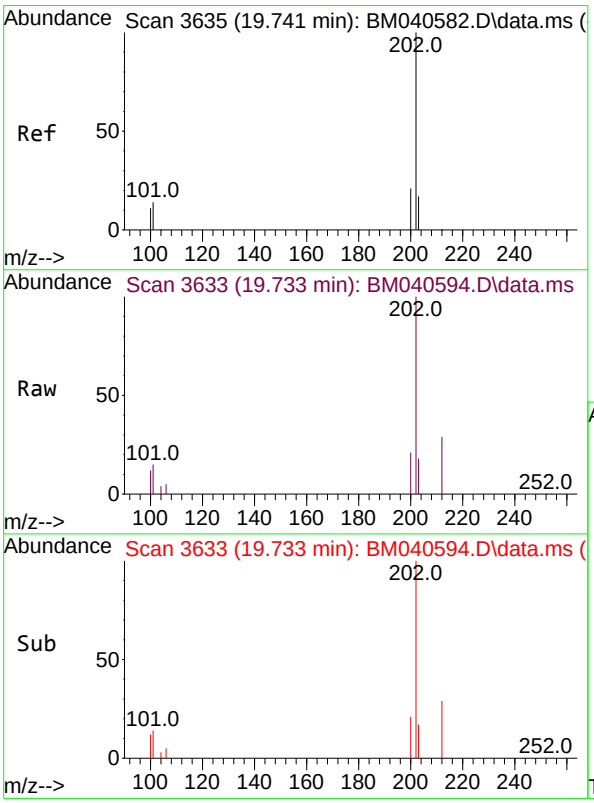
#19
Fluoranthene
Concen: 1.851 ng/ul
RT: 19.370 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 102035

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
100	9.3	8.7	13.1

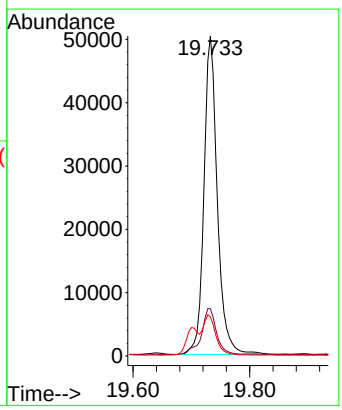


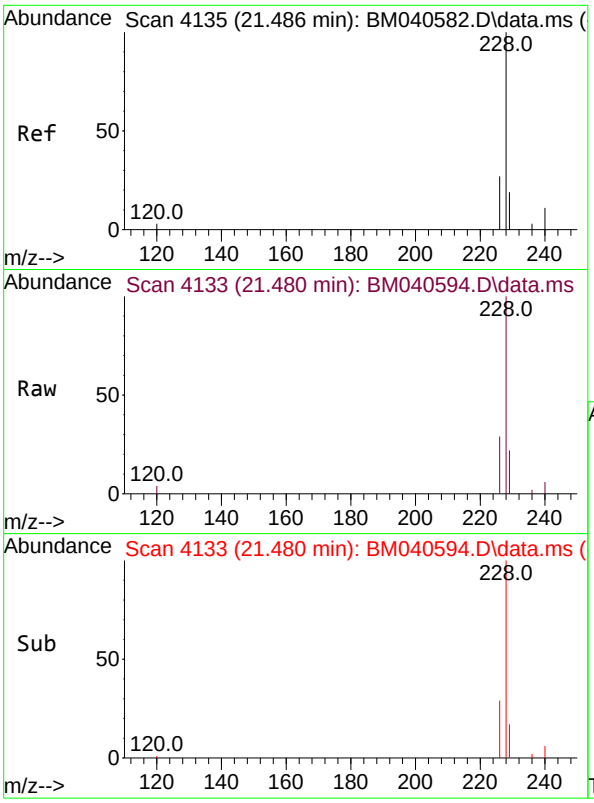


#20
Pyrene
Concen: 1.369 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:202 Resp: 80926

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.6	18.8
100	12.2	9.8	14.6



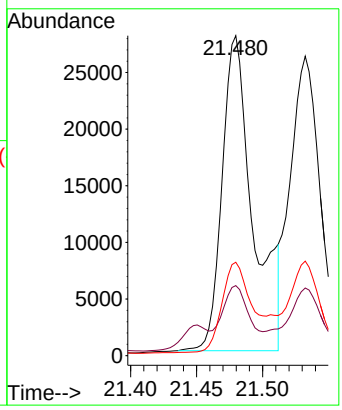


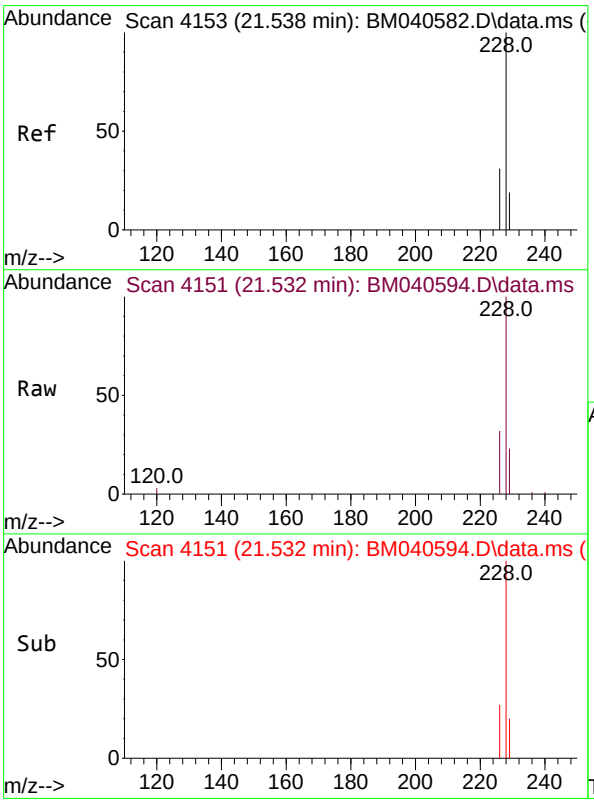
#21
Benzo(a)anthracene
Concen: 1.029 ng/ul
RT: 21.480 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 45169

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.0	24.0
226	29.2	22.3	33.5

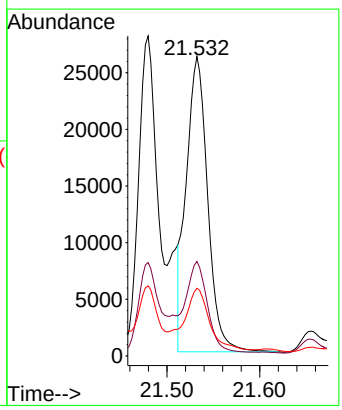


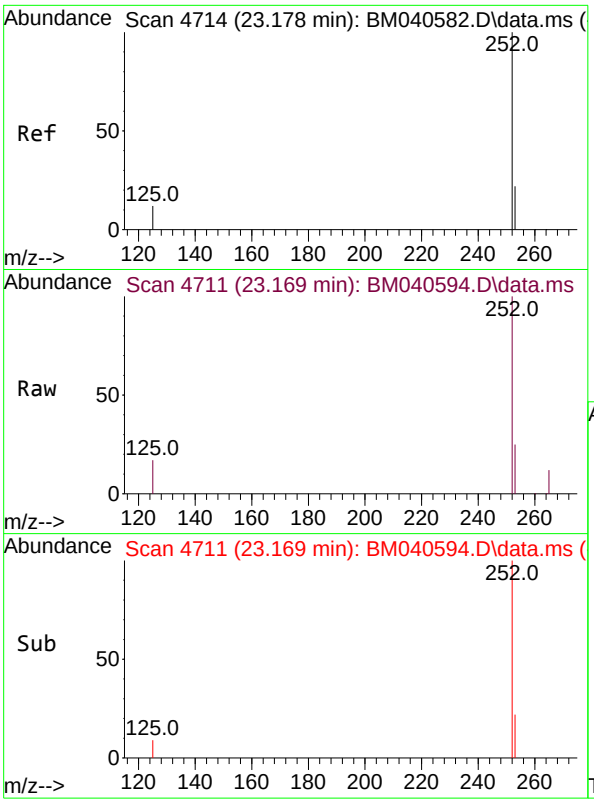


#22
Chrysene
Concen: 0.834 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:228 Resp: 41760

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.6	15.8	23.6



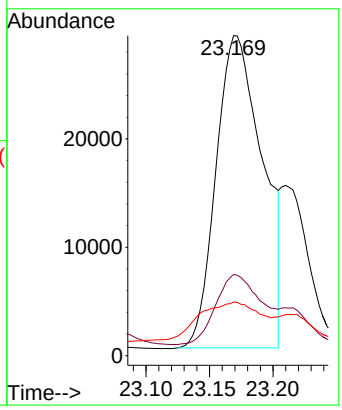


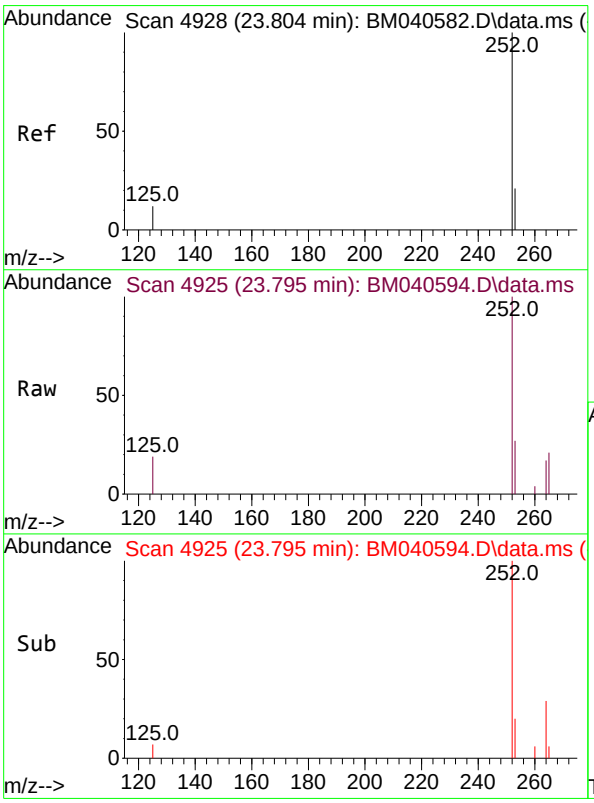
#24
Benzo(b)fluoranthene
Concen: 1.534 ng/ul
RT: 23.169 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 73300

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	52.8
125	16.7	0.0	43.0

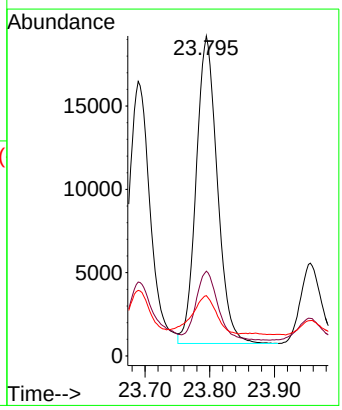


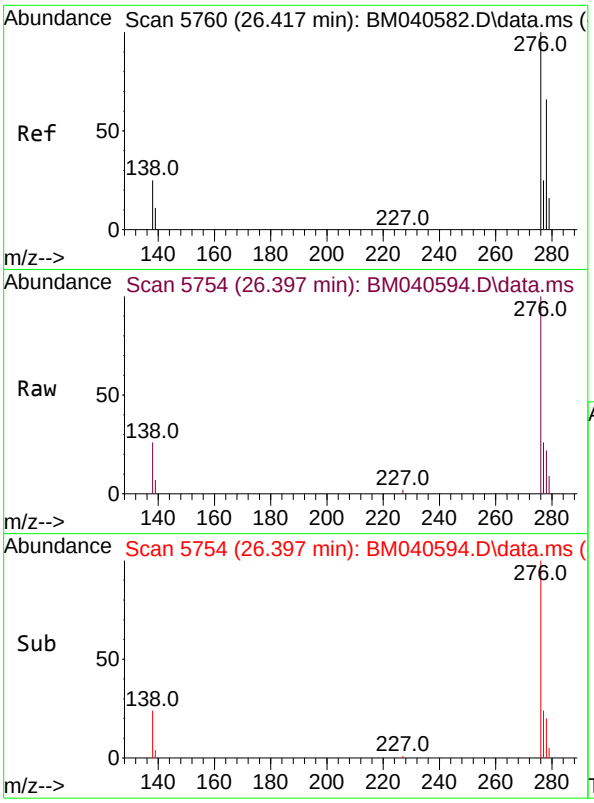


#26
Benzo(a)pyrene
Concen: 0.971 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:252 Resp: 41770

Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.9	34.3
125	18.8	21.0	31.4#



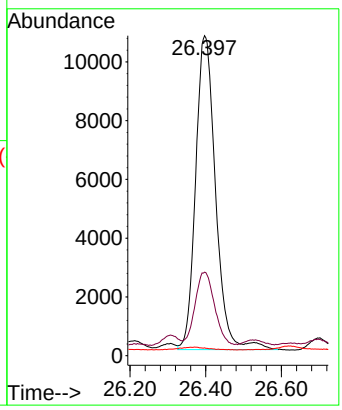


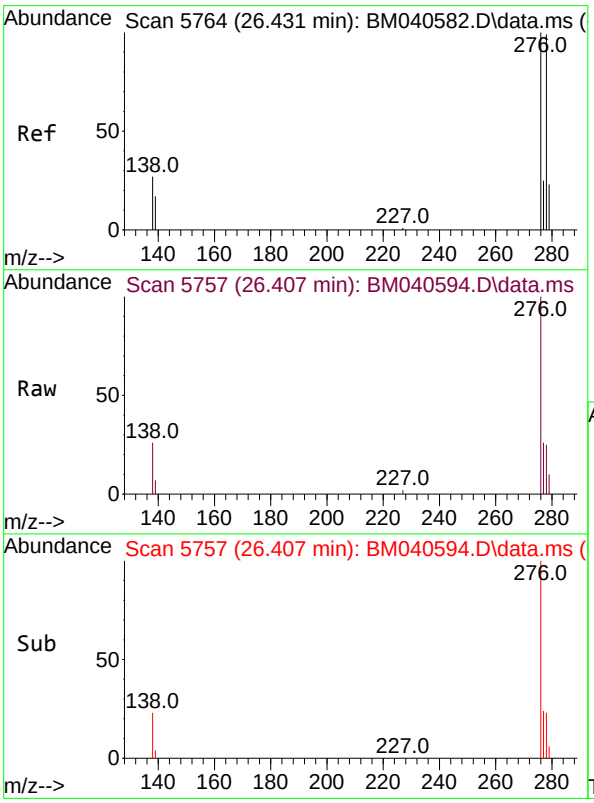
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.652 ng/ul
RT: 26.397 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 39090

Ion	Ratio	Lower	Upper
276	100		
138	22.7	24.5	36.7#
227	0.0	0.1	0.1#

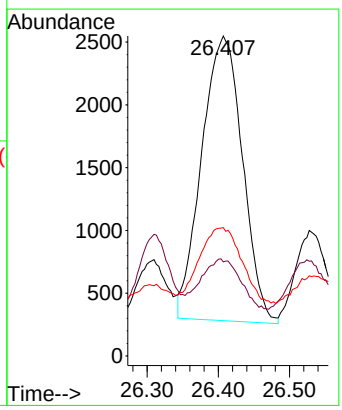


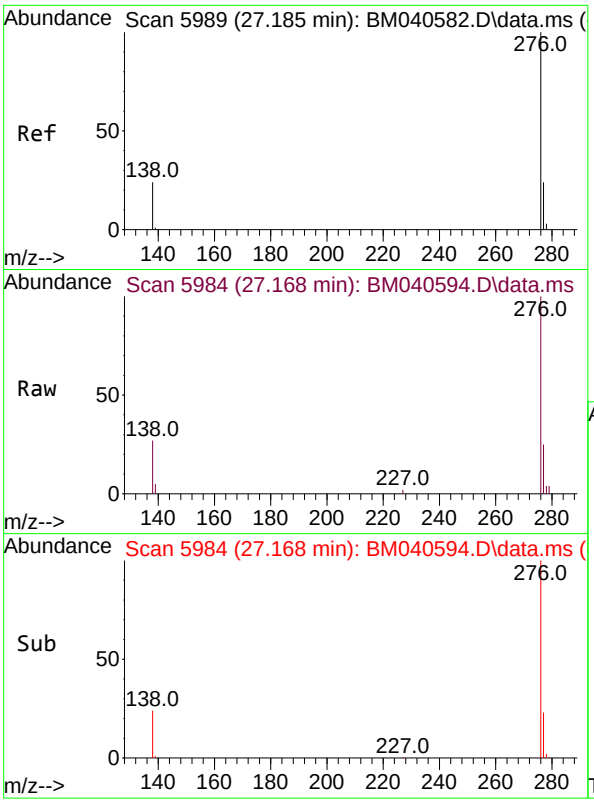


#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Tgt Ion:278 Resp: 9039

Ion	Ratio	Lower	Upper
278	100		
139	29.4	17.9	26.9#
279	40.1	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.666 ng/ul
RT: 27.168 min Scan# 5
Delta R.T. -0.014 min
Lab File: BM040594.D
Acq: 04 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34981

Ion	Ratio	Lower	Upper
276	100		
138	26.9	23.0	34.6
277	25.3	20.3	30.5