Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040591.D
Acq On : 04 Jul 2023 01:03
Operator : MA/JU
Sample : 03242-19DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Quant Time: Jul 04 04:17:20 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	6915	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	25822	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	12007	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21896	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12378	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	11954	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	6078	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1606	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	2101	0.053	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.778	128	8420	0.118	ng/ul#	96
7) 2-Methylnaphthalene	12.389	142	5972	0.143	ng/ul	99
8) 1-Methylnaphthalene	12.609	142	2260	0.054	ng/ul	100
10) Acenaphthylene	14.286	152	7729	0.144	ng/ul	95
15) Phenanthrene	17.353	178	22433	0.330	ng/ul	99
16) Anthracene	17.446	178	8716	0.152	ng/ul#	95
19) Fluoranthene	19.370	202	93041	1.770	ng/ul	97
20) Pyrene	19.733	202	75182	1.334	ng/ul	99
21) Benzo(a)anthracene	21.480	228	59565	1.423	ng/ul	97
22) Chrysene	21.529	228	50645	1.060	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	93875	2.029	ng/ul	93
26) Benzo(a)pyrene	23.795	252	46752	1.122	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.397	276	43757	0.754	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	11219	0.247	ng/ul#	81
29) Benzo(g,h,i)perylene	27.172	276	42847	0.842	ng/ul	98

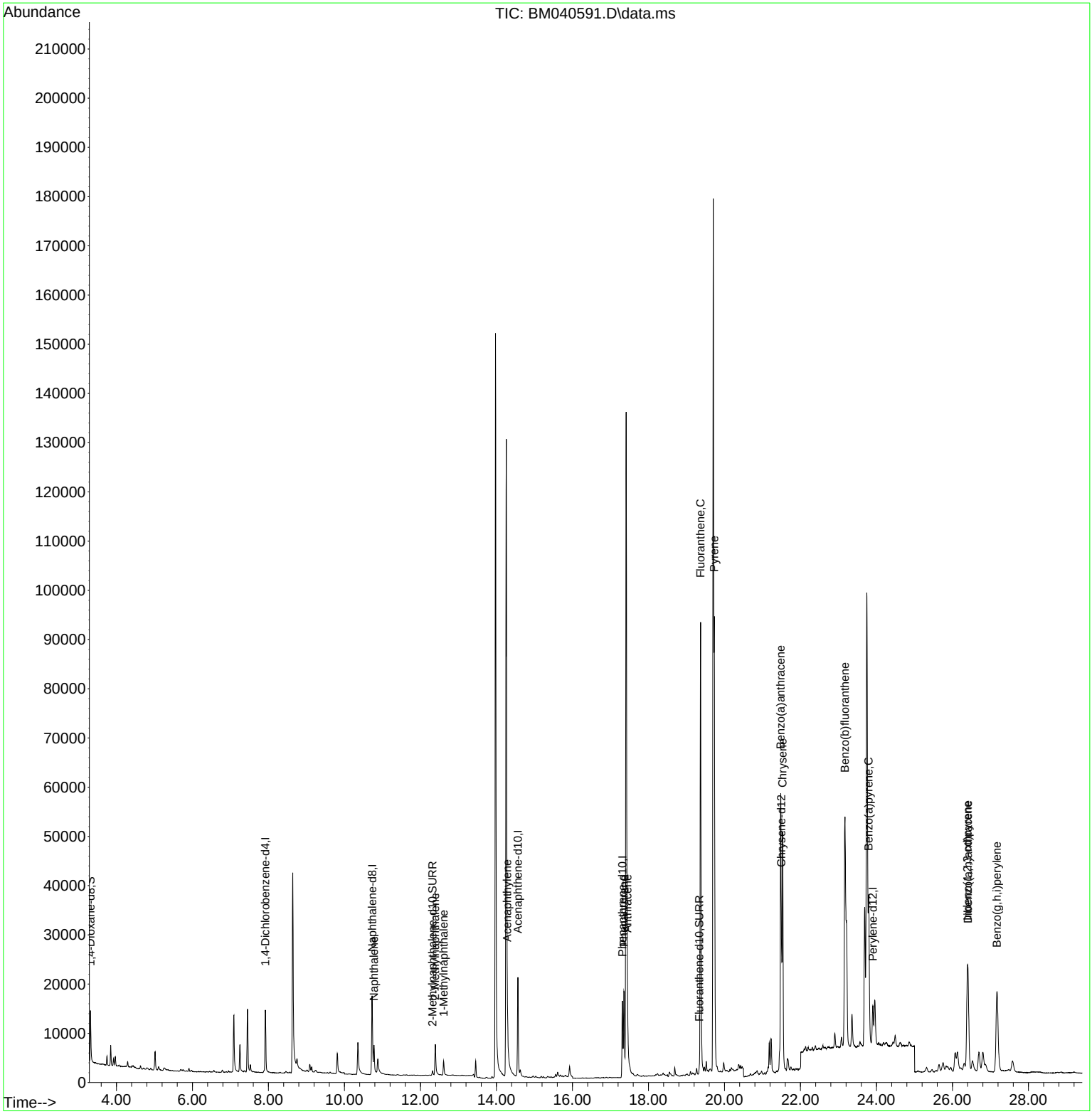
(#) = qualifier out of range (m) = manual integration (+) = signals summed

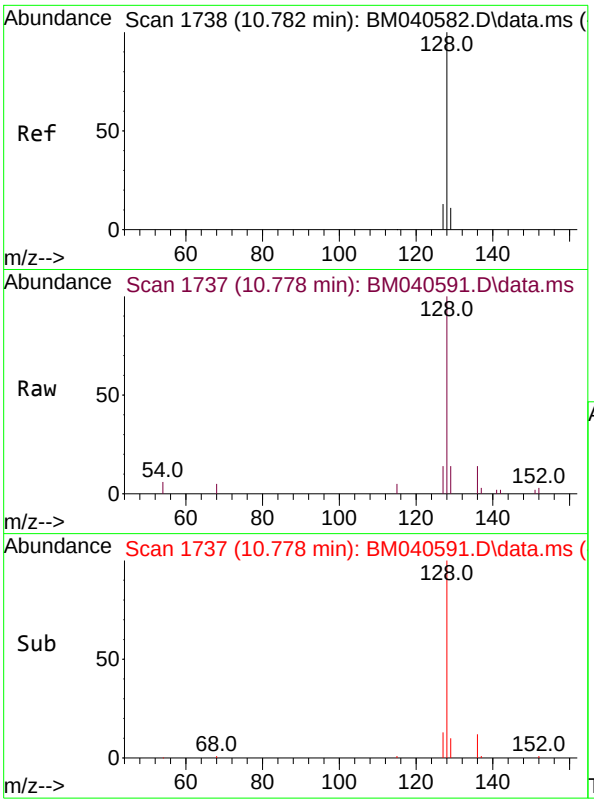
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040591.D
Acq On : 04 Jul 2023 01:03
Operator : MA/JU
Sample : 03242-19DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Quant Time: Jul 04 04:17:20 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



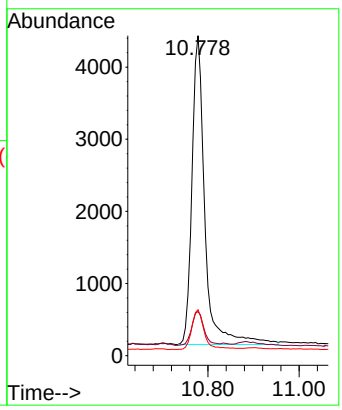


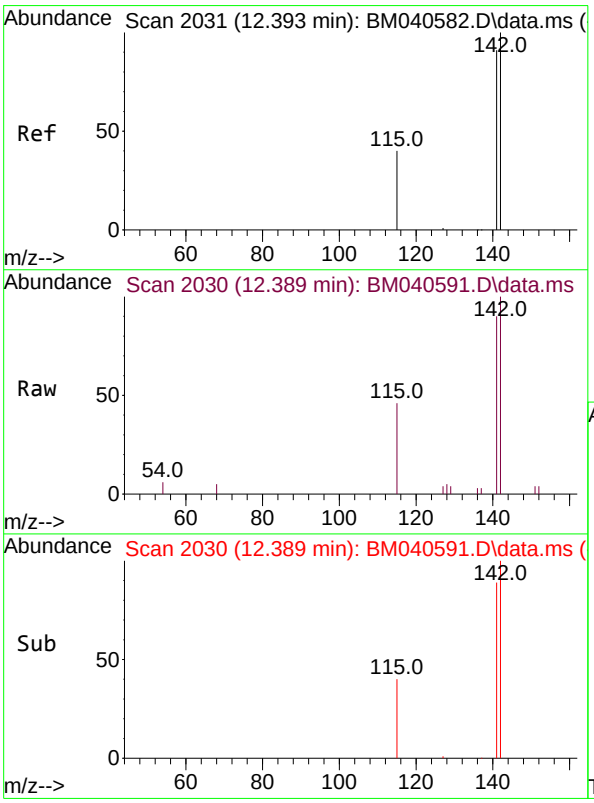
#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.778 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:128 Resp: 8420

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.2	13.8#
127	14.4	10.6	15.8

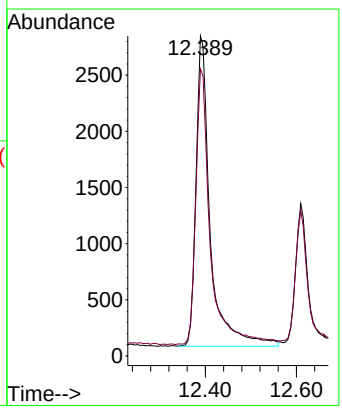


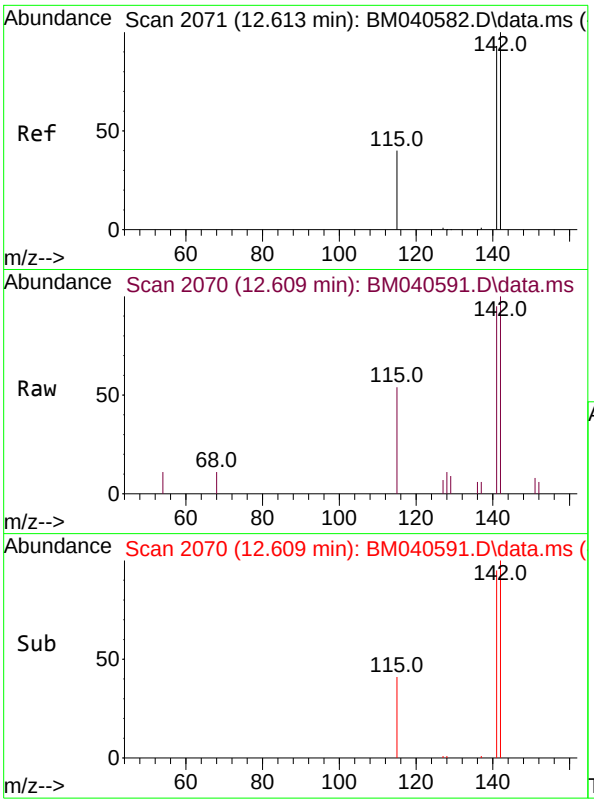


#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.389 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:142 Resp: 5972

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9



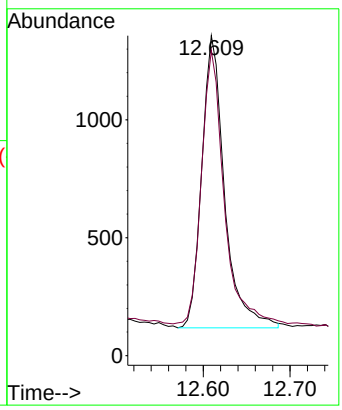


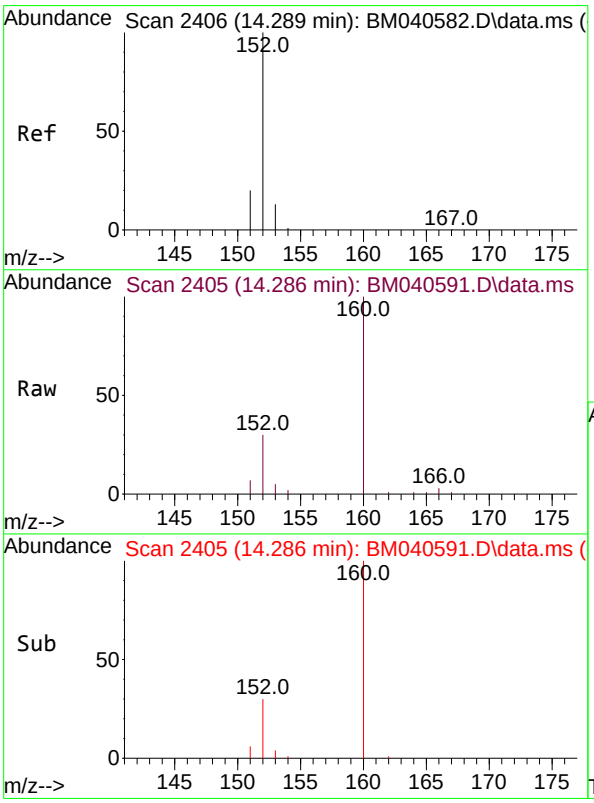
#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.609 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:142 Resp: 2260

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5

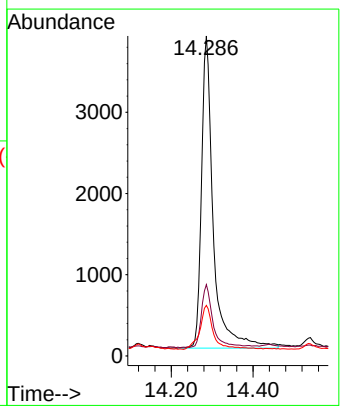


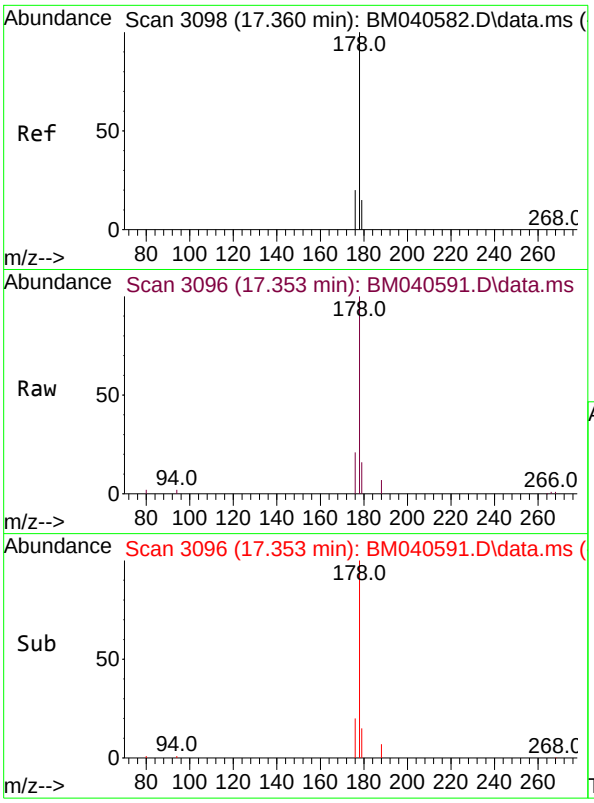


#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:152 Resp: 7729

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.2	24.2
153	15.8	10.9	16.3



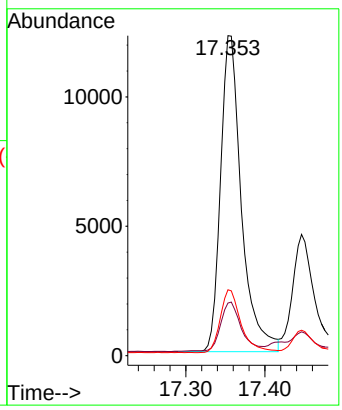


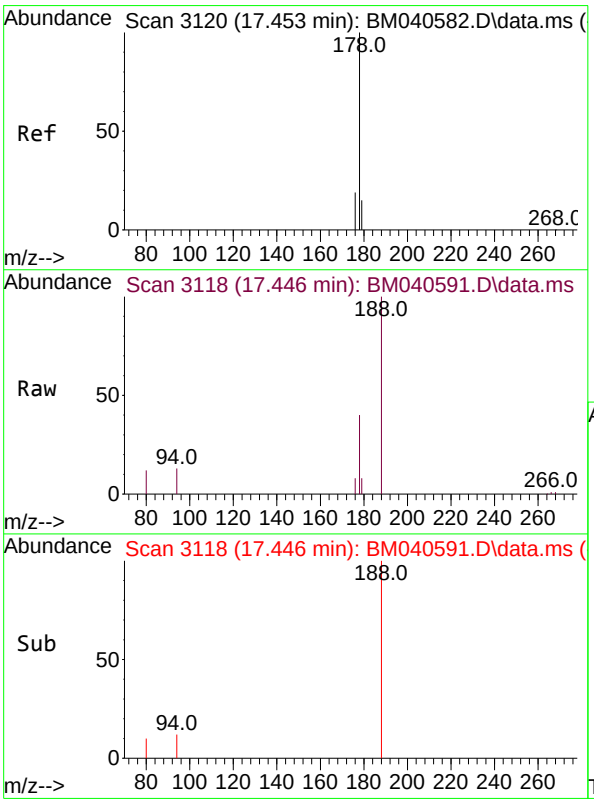
#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.353 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:178 Resp: 22433

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	20.6	16.4	24.6

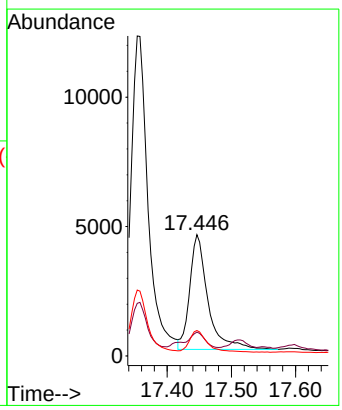


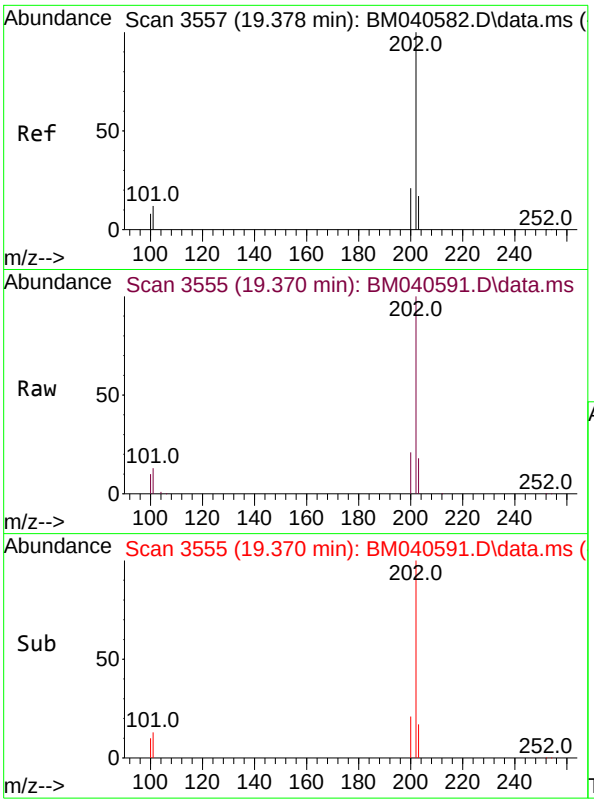


#16
Anthracene
Concen: 0.152 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:178 Resp: 8716

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.9	19.3#
176	21.0	15.8	23.6



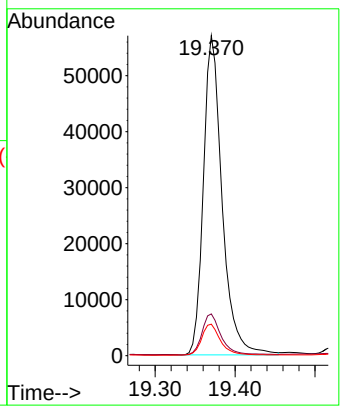


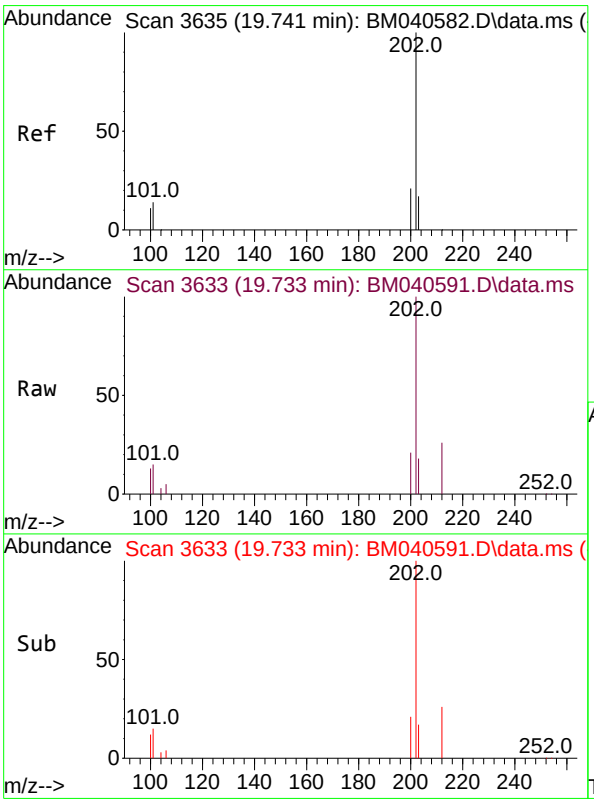
#19
Fluoranthene
Concen: 1.770 ng/ul
RT: 19.370 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:202 Resp: 93041

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	9.9	8.7	13.1

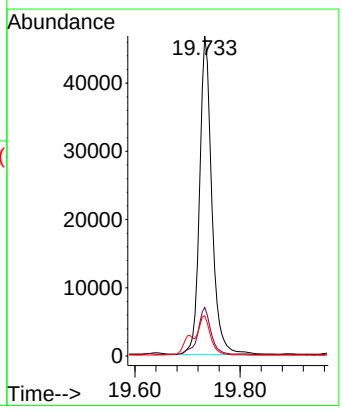


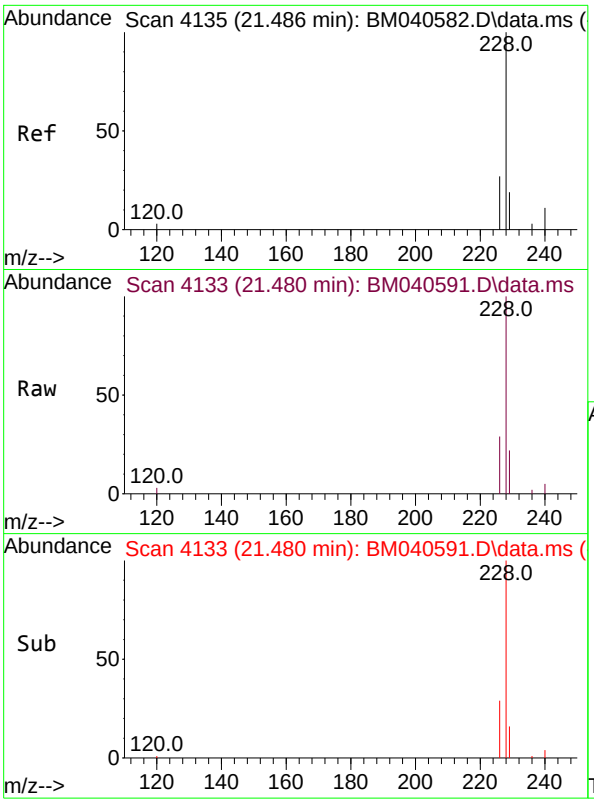


#20
Pyrene
Concen: 1.334 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:202 Resp: 75182

Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.6	18.8
100	12.5	9.8	14.6



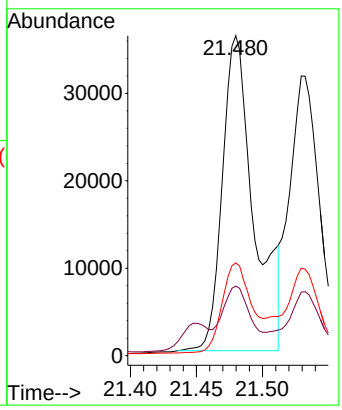


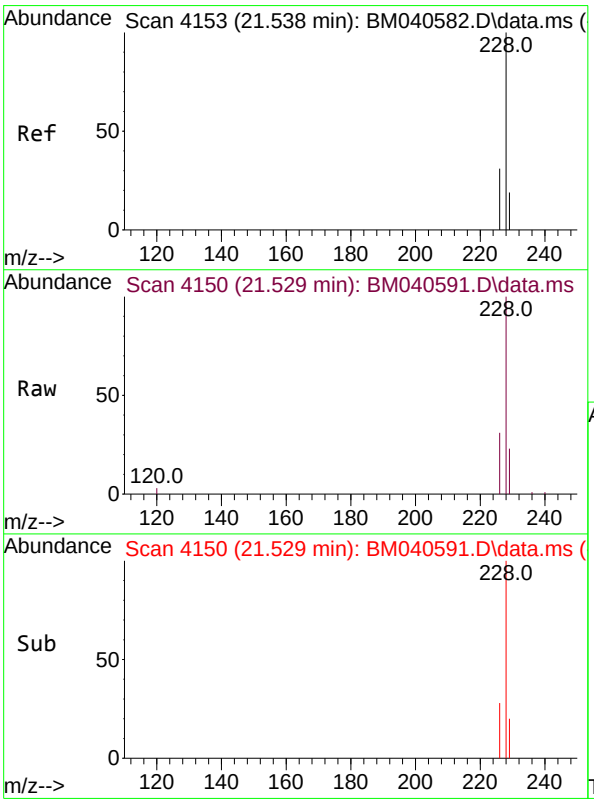
#21
Benzo(a)anthracene
Concen: 1.423 ng/ul
RT: 21.480 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:228 Resp: 59565

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.0	24.0
226	29.0	22.3	33.5

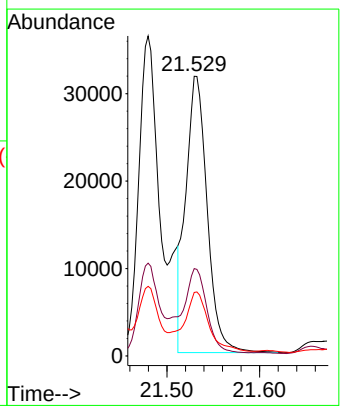


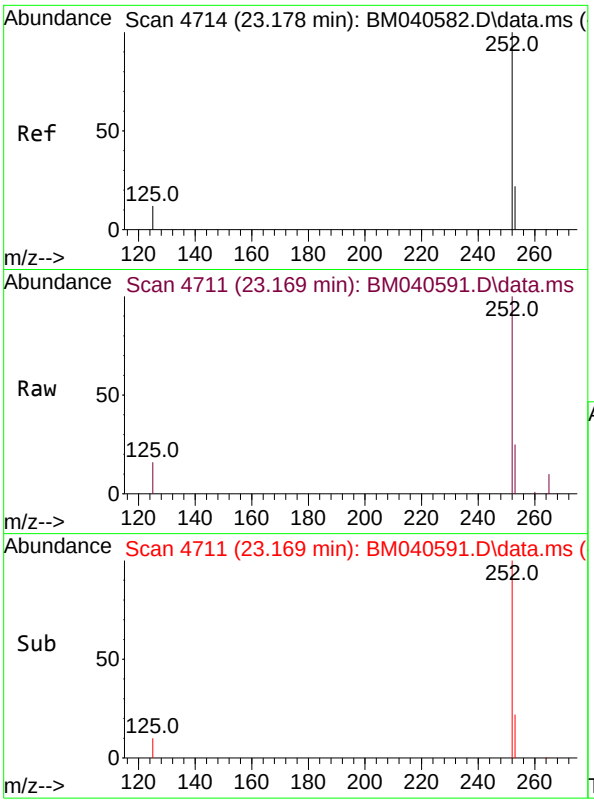


#22
Chrysene
Concen: 1.060 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:228 Resp: 50645

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.7	15.8	23.6



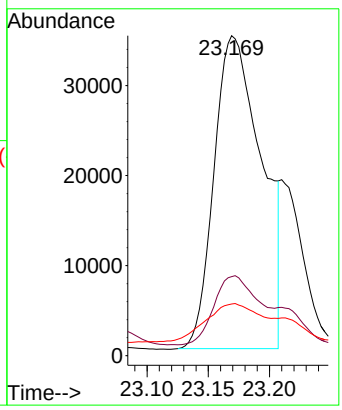


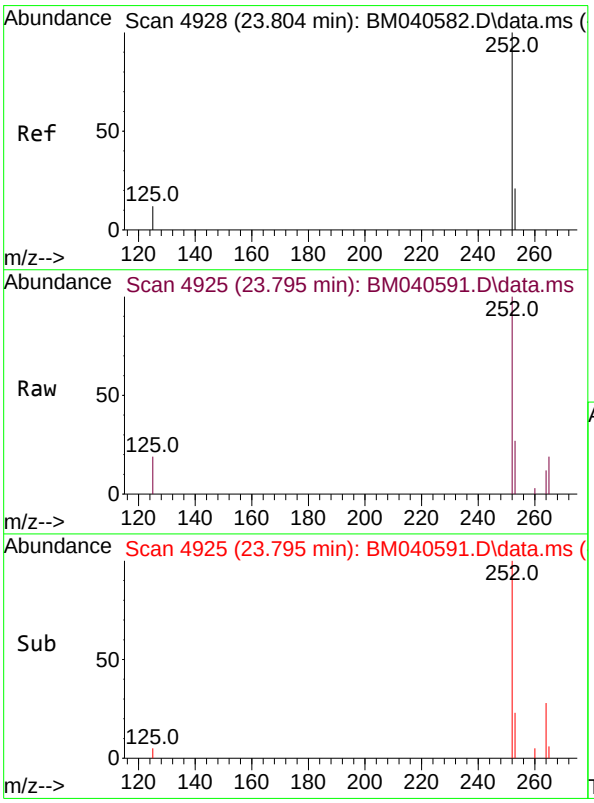
#24
Benzo(b)fluoranthene
Concen: 2.029 ng/ul
RT: 23.169 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:252 Resp: 93875

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	52.8
125	16.1	0.0	43.0

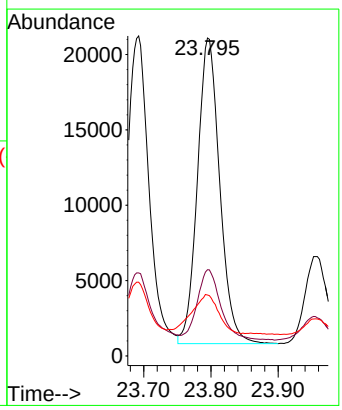


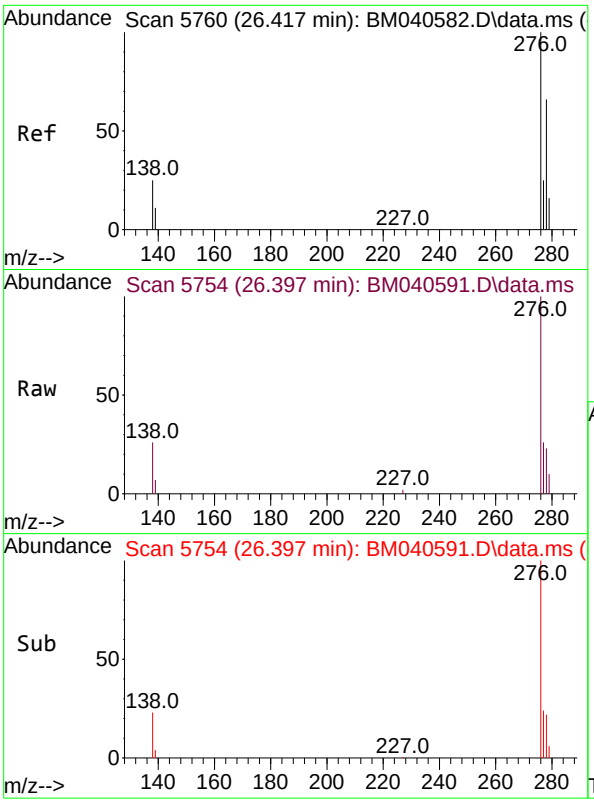


#26
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:252 Resp: 46752

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.9	34.3
125	19.2	21.0	31.4#



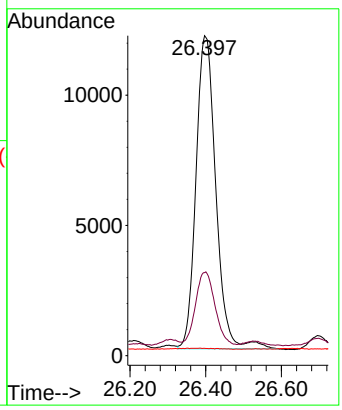


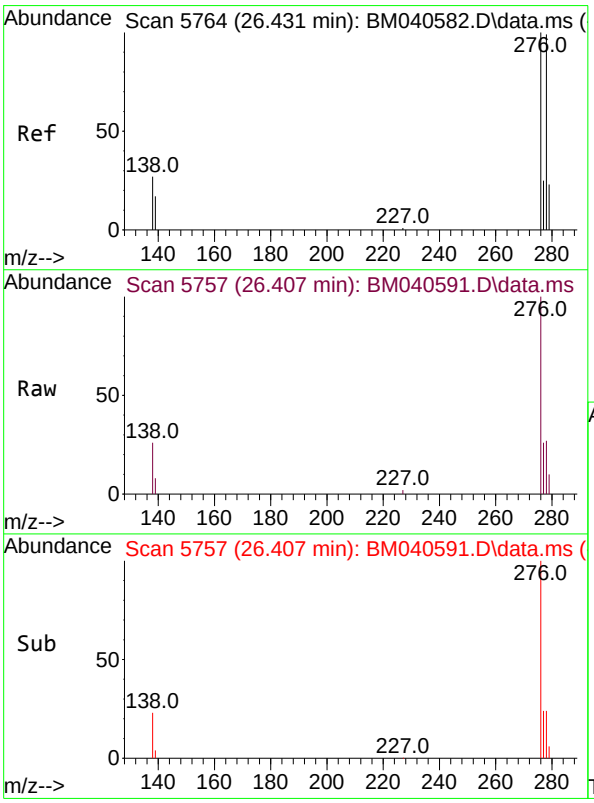
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.754 ng/ul
RT: 26.397 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:276 Resp: 43757

Ion	Ratio	Lower	Upper
276	100		
138	23.0	24.5	36.7#
227	0.0	0.1	0.1#

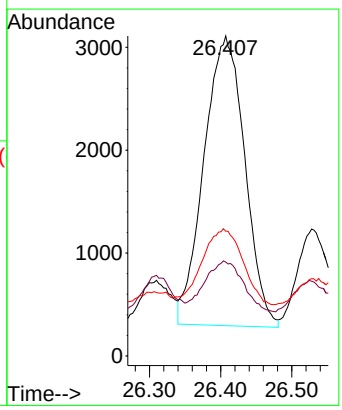


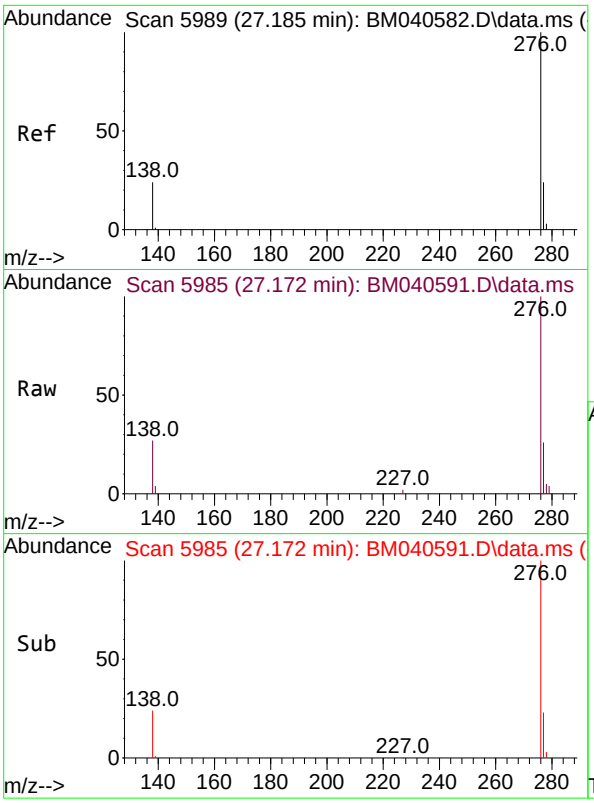


#28
Dibenzo(a,h)anthracene
Concen: 0.247 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Tgt Ion:278 Resp: 11219

Ion	Ratio	Lower	Upper
278	100		
139	29.3	17.9	26.9#
279	39.0	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.842 ng/ul
RT: 27.172 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040591.D
Acq: 04 Jul 2023 01:03

Instrument :
BNA_N
ClientSampleId :
DCGC0DL

Tgt Ion:276 Resp: 42847

Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.0	34.6
277	25.6	20.3	30.5