Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040366.D
Acq On : 23 Jun 2023 01:50
Operator : MA/JU
Sample : 03084-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM2

Quant Time: Jun 23 02:29:03 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	7.953	152	8152	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	27982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	13249	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	21533	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	14483	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	18344	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	51366	4.011	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	10444	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	13203	0.284	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	6062	0.079	ng/ul#	91
7) 2-Methylnaphthalene	12.422	142	3479	0.077	ng/ul	99
8) 1-Methylnaphthalene	12.642	142	2100	0.046	ng/ul	99
10) Acenaphthylene	14.313	152	2342	0.040	ng/ul#	79
15) Phenanthrene	17.374	178	16330	0.244	ng/ul	98
16) Anthracene	17.467	178	2394	0.043	ng/ul#	79
19) Fluoranthene	19.389	202	38052	0.619	ng/ul	98
20) Pyrene	19.751	202	35381	0.536	ng/ul	98
21) Benzo(a)anthracene	21.497	228	18588	0.379	ng/ul	94
22) Chrysene	21.550	228	25456	0.456	ng/ul	95
24) Benzo(b)fluoranthene	23.192	252	45384	0.639	ng/ul	89
26) Benzo(a)pyrene	23.821	252	26673	0.417	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.430	276	26530	0.298	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.437	278	6471	0.093	ng/ul#	50
29) Benzo(g,h,i)perylene	27.205	276	27427	0.351	ng/ul	96

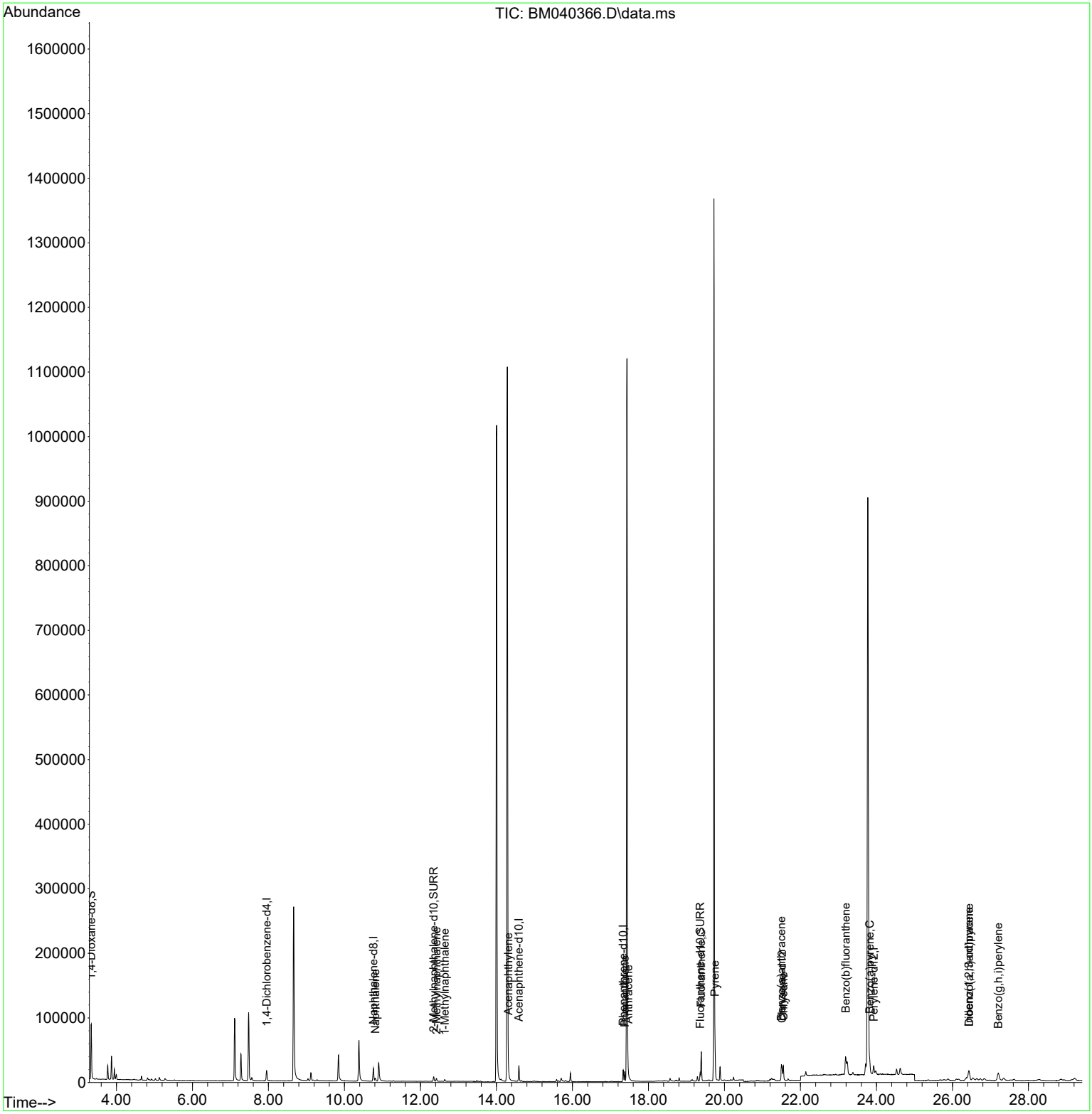
(#) = qualifier out of range (m) = manual integration (+) = signals summed

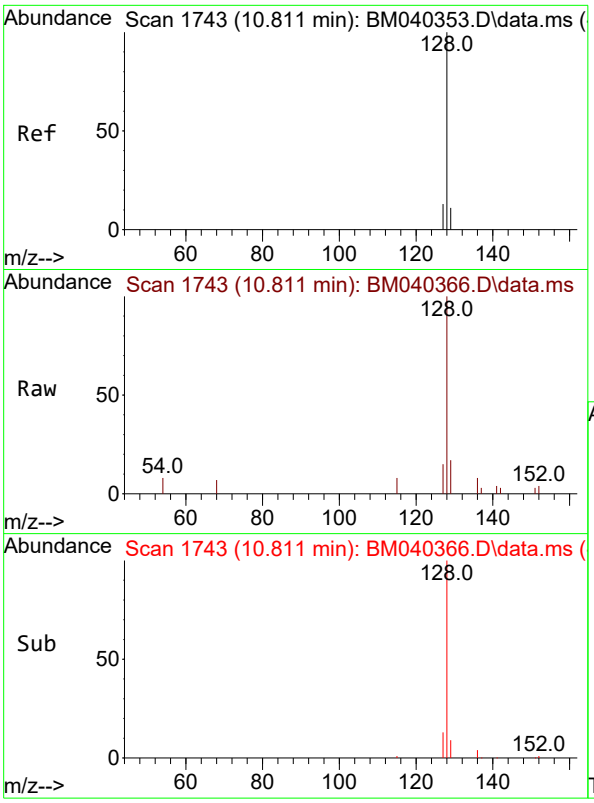
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040366.D
Acq On : 23 Jun 2023 01:50
Operator : MA/JU
Sample : 03084-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM2

Quant Time: Jun 23 02:29:03 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



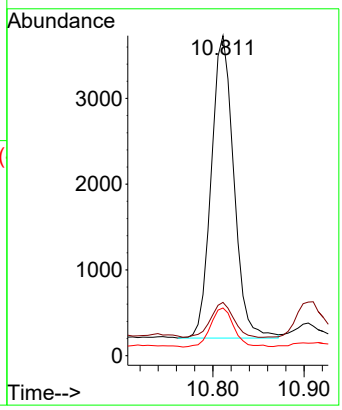


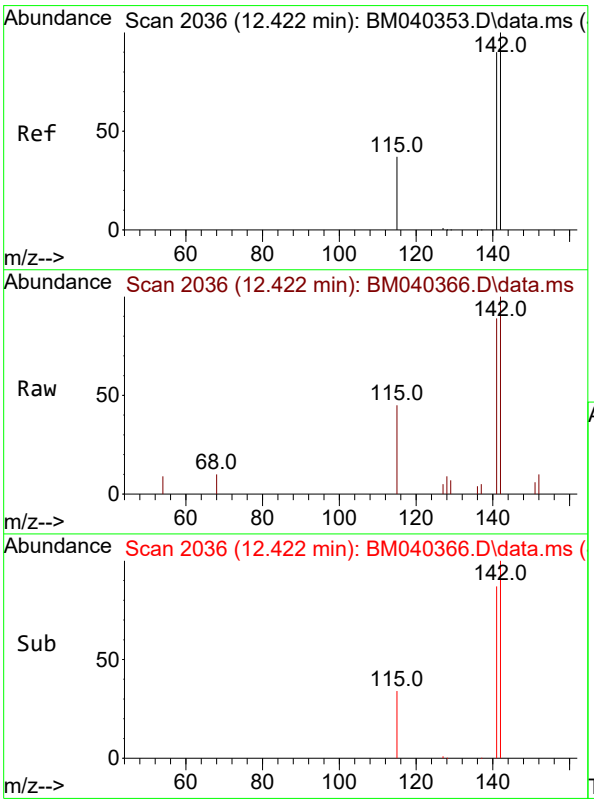
#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:128 Resp: 6062

Ion	Ratio	Lower	Upper
128	100		
129	16.6	9.2	13.8#
127	14.9	10.6	15.8

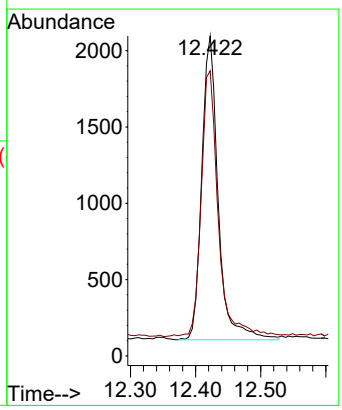


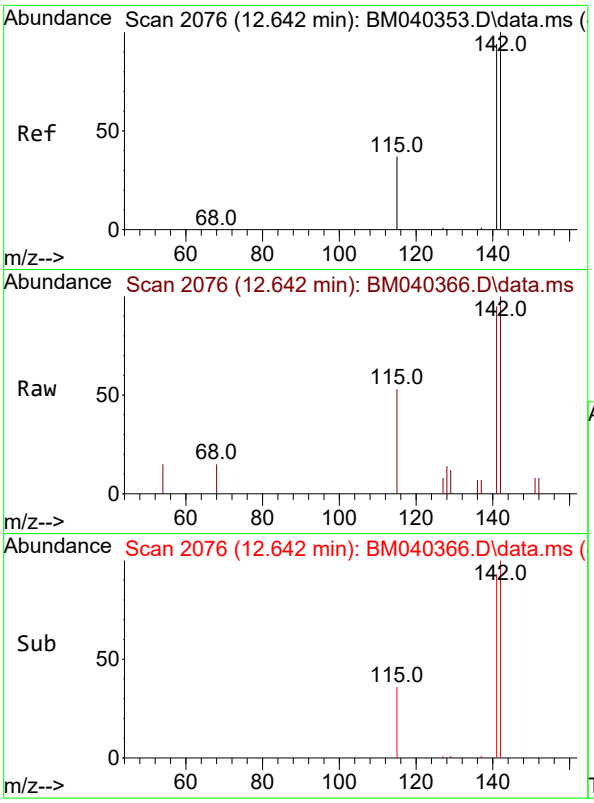


#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:142 Resp: 3479

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9



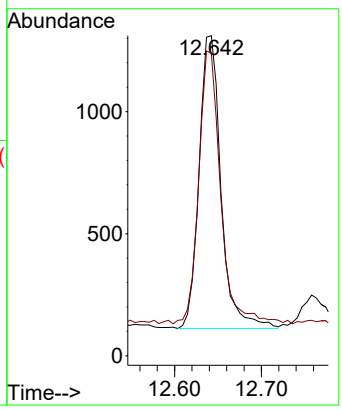


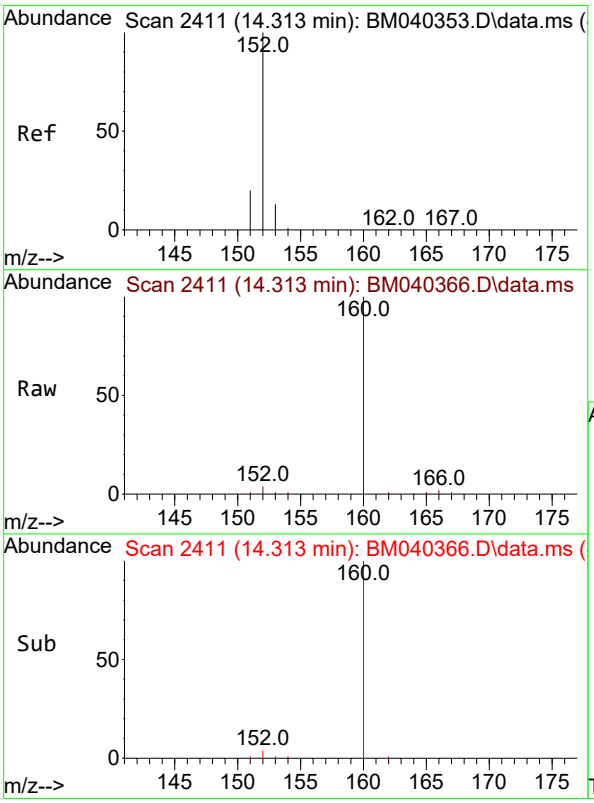
#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.642 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:142 Resp: 2100

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.7	110.5

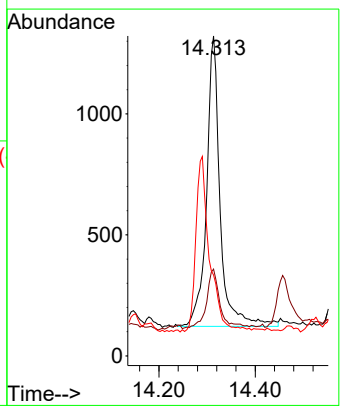


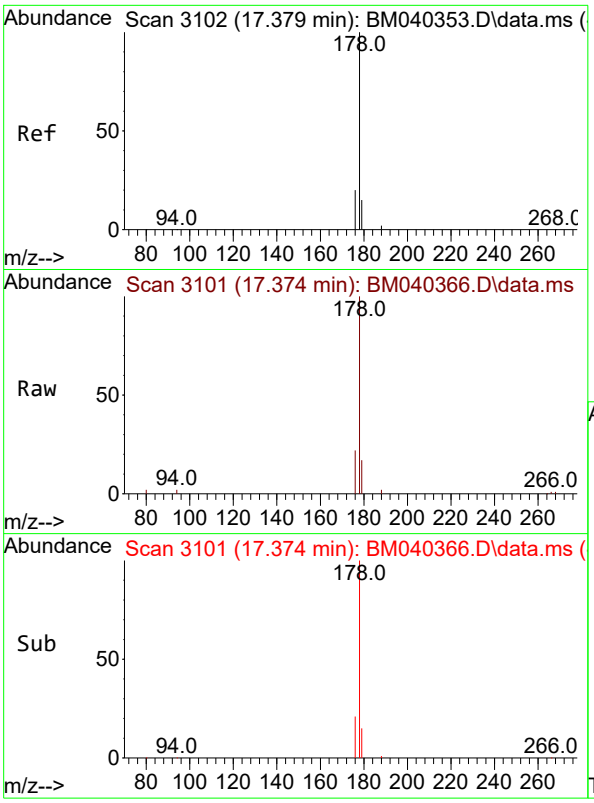


#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:152 Resp: 2342

Ion	Ratio	Lower	Upper
152	100		
151	27.2	16.2	24.2#
153	25.3	10.9	16.3#



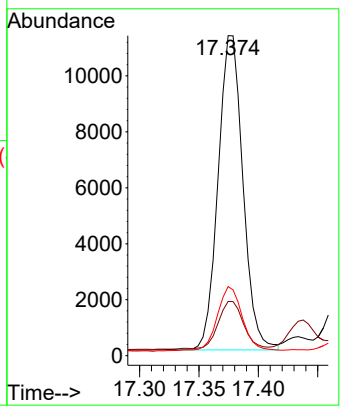


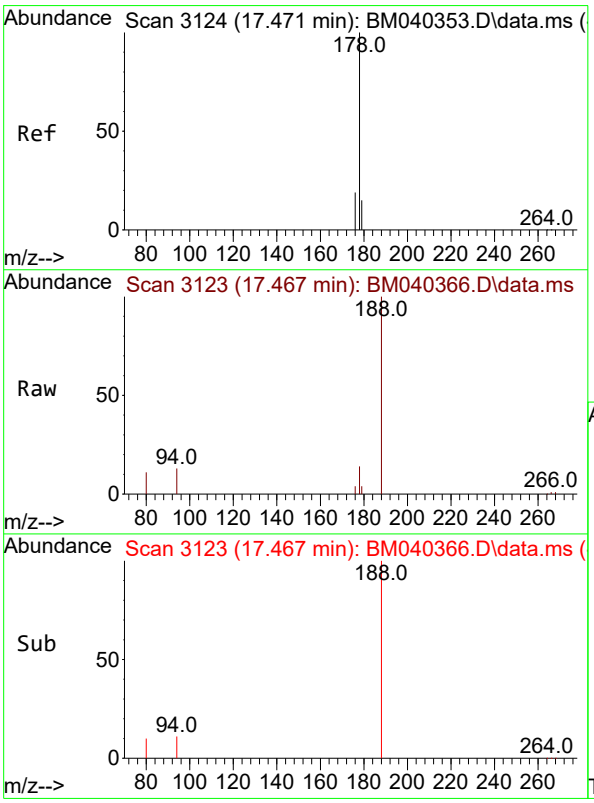
#15
Phenanthrene
Concen: 0.244 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:178 Resp: 16330

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	21.6	16.4	24.6

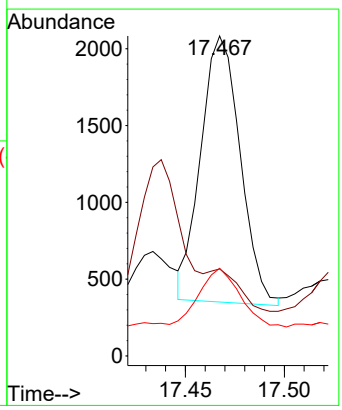


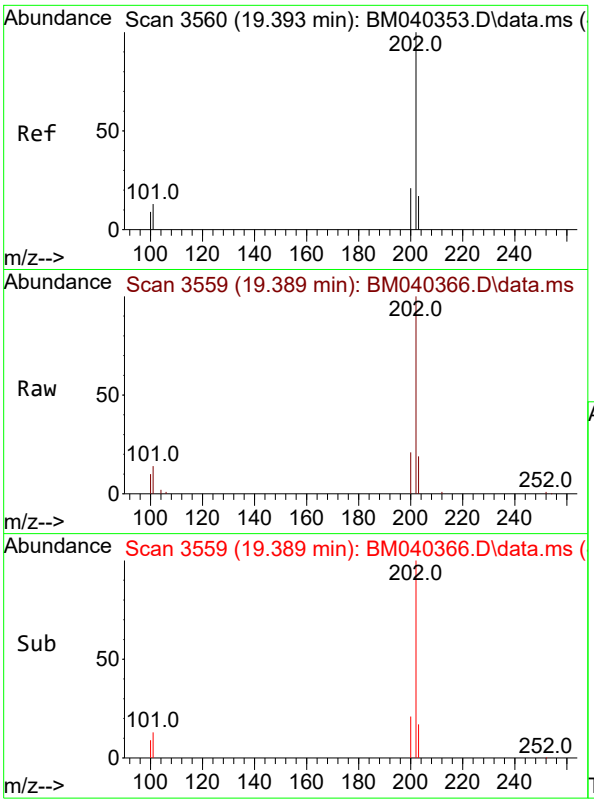


#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:178 Resp: 2394

Ion	Ratio	Lower	Upper
178	100		
179	27.2	12.9	19.3#
176	27.4	15.8	23.6#



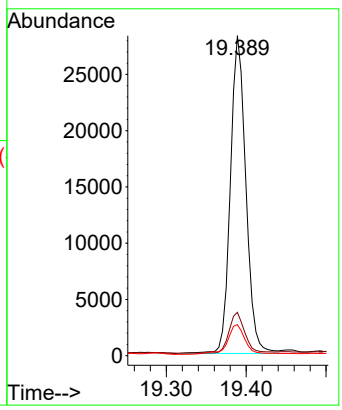


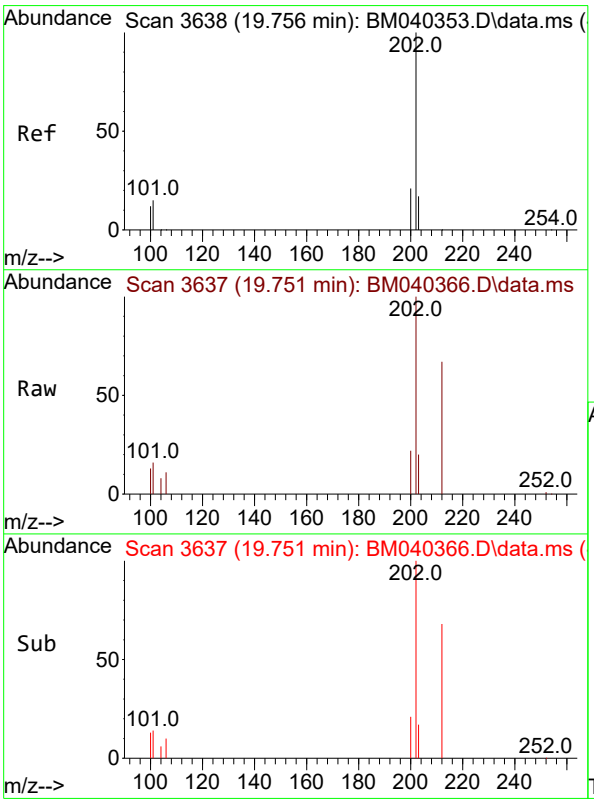
#19
Fluoranthene
Concen: 0.619 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:202 Resp: 38052

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	9.7	8.7	13.1

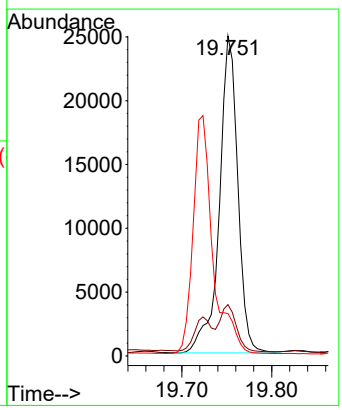


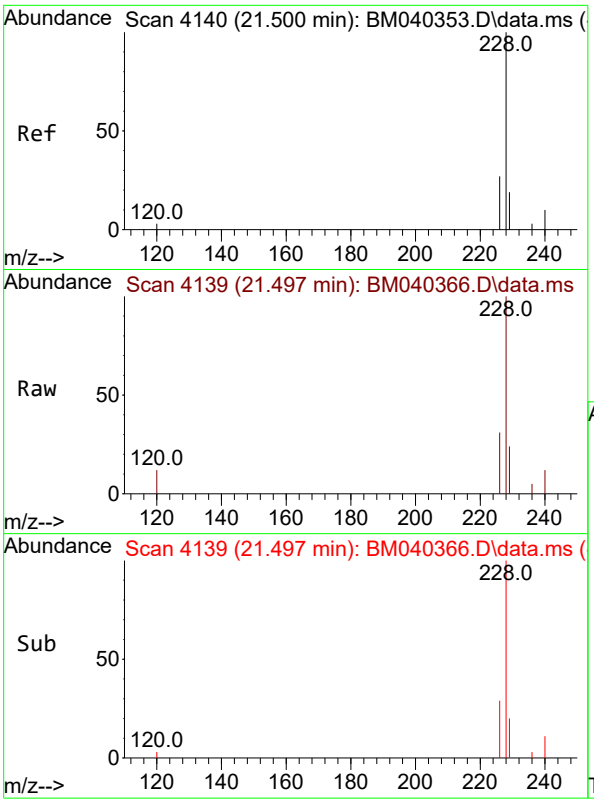


#20
Pyrene
Concen: 0.536 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:202 Resp: 35381

Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.6	18.8
100	13.2	9.8	14.6



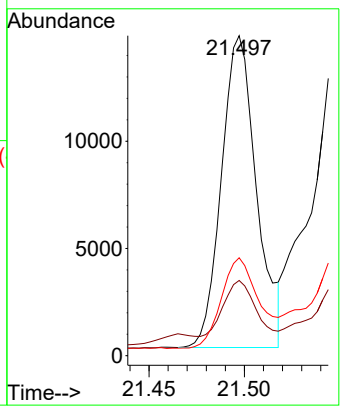


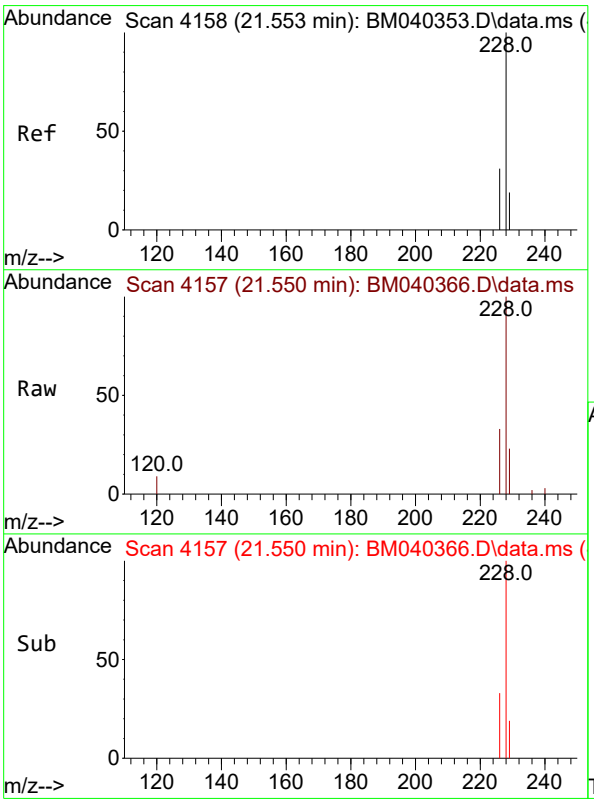
#21
Benzo(a)anthracene
Concen: 0.379 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:228 Resp: 18588

Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.0	24.0
226	30.6	22.3	33.5

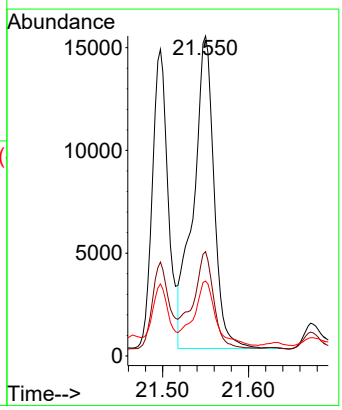


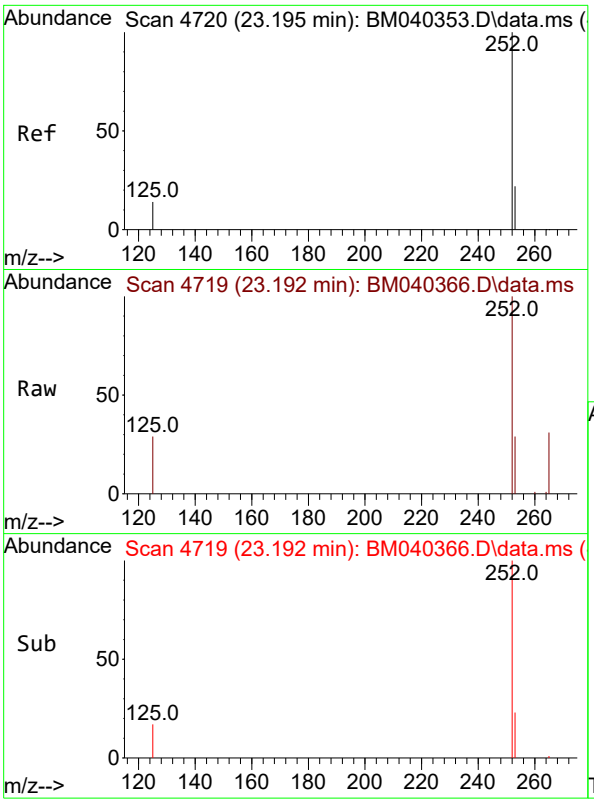


#22
Chrysene
Concen: 0.456 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:228 Resp: 25456

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	23.4	15.8	23.6



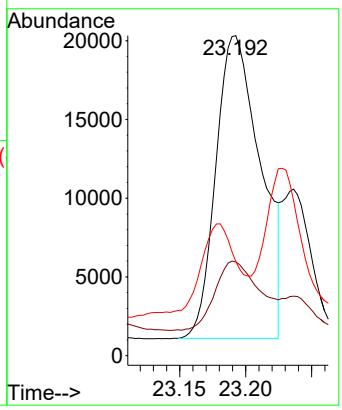


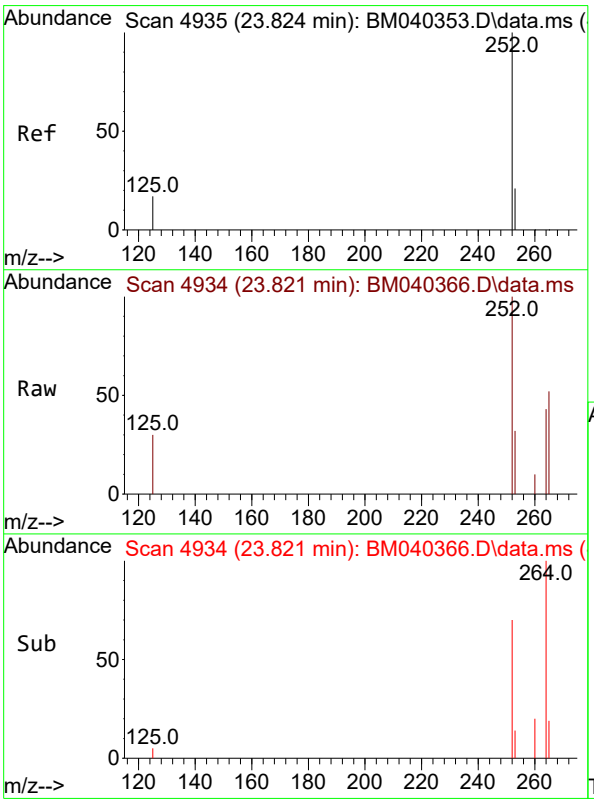
#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul
RT: 23.192 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:252 Resp: 45384

Ion	Ratio	Lower	Upper
252	100		
253	29.3	0.0	52.8
125	29.4	0.0	43.0

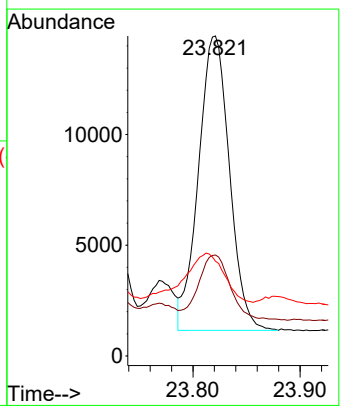


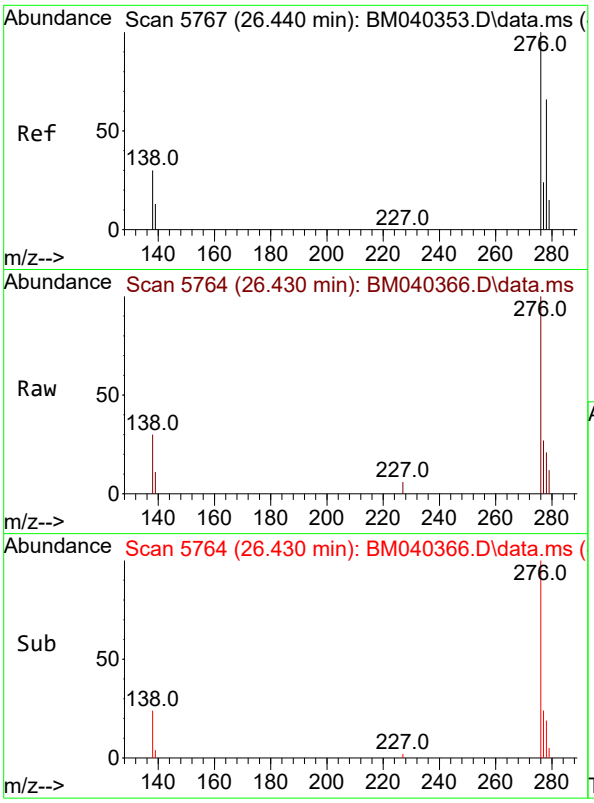


#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:252 Resp: 26673

Ion	Ratio	Lower	Upper
252	100		
253	31.6	22.9	34.3
125	29.6	21.0	31.4



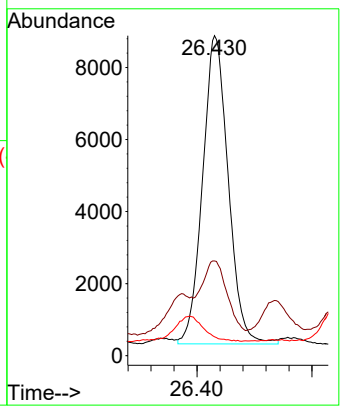


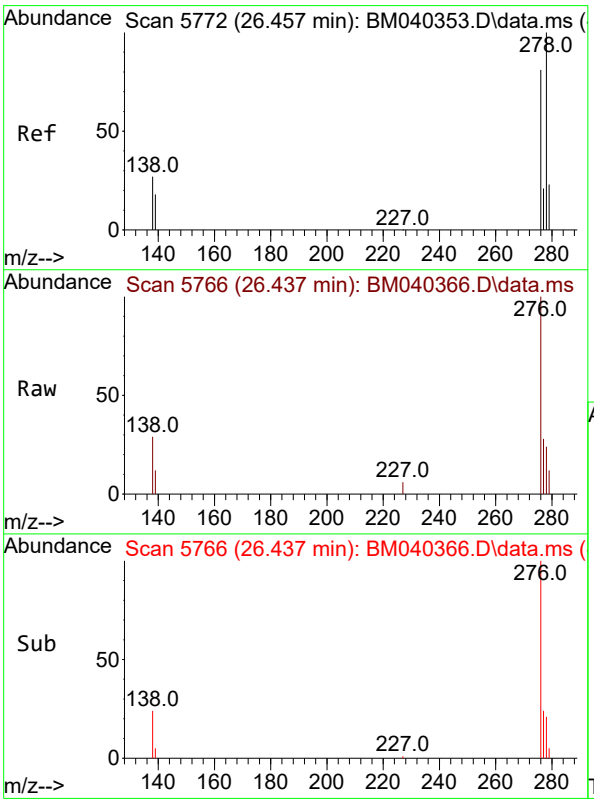
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:276 Resp: 26530

Ion	Ratio	Lower	Upper
276	100		
138	21.4	24.5	36.7#
227	0.0	0.1	0.1#

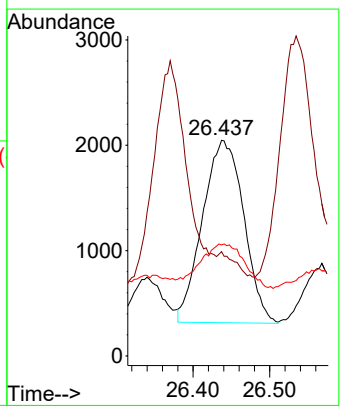


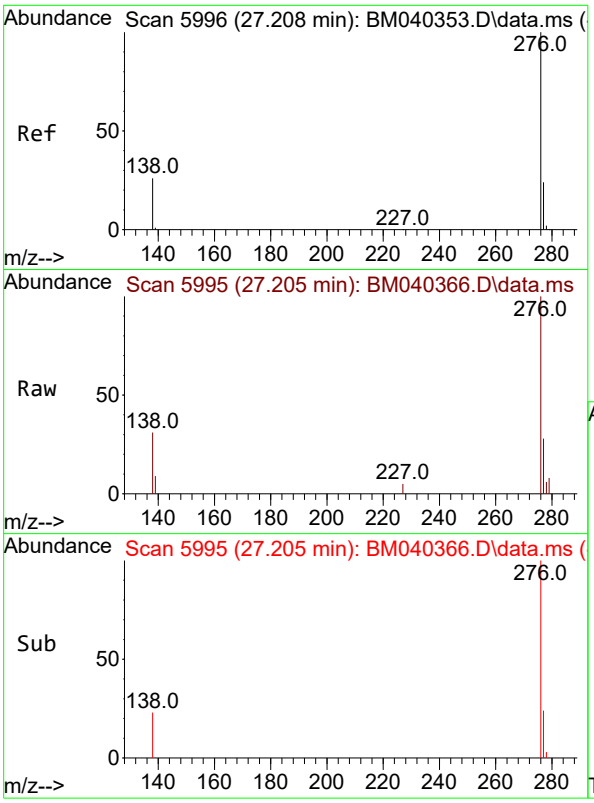


#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Tgt Ion:278 Resp: 6471

Ion	Ratio	Lower	Upper
278	100		
139	48.4	17.9	26.9#
279	51.5	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040366.D
Acq: 23 Jun 2023 01:50

Instrument :
BNA_M
ClientSampleId :
DCFM2

Tgt Ion:276 Resp: 27427

Ion	Ratio	Lower	Upper
276	100		
138	30.7	23.0	34.6
277	27.5	20.3	30.5