Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040385.D
Acq On : 23 Jun 2023 21:01
Operator : MA/JU
Sample : 03088-08DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Quant Time: Jun 24 01:38:46 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	6121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	22428	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	10994	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21552	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	15222	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	12540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3282	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	864	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1442	0.030	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	6035	0.098	ng/ul#	94
10) Acenaphthylene	14.313	152	1446	0.029	ng/ul#	76
15) Phenanthrene	17.375	178	13229	0.198	ng/ul	98
16) Anthracene	17.467	178	2507	0.045	ng/ul#	79
19) Fluoranthene	19.389	202	43041	0.666	ng/ul	99
20) Pyrene	19.751	202	30800	0.444	ng/ul	99
21) Benzo(a)anthracene	21.497	228	15457	0.300	ng/ul	97
22) Chrysene	21.550	228	22944	0.391	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	32024	0.660	ng/ul#	75
26) Benzo(a)pyrene	23.821	252	8985	0.206	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.430	276	9767	0.160	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	2892	0.061	ng/ul#	45

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

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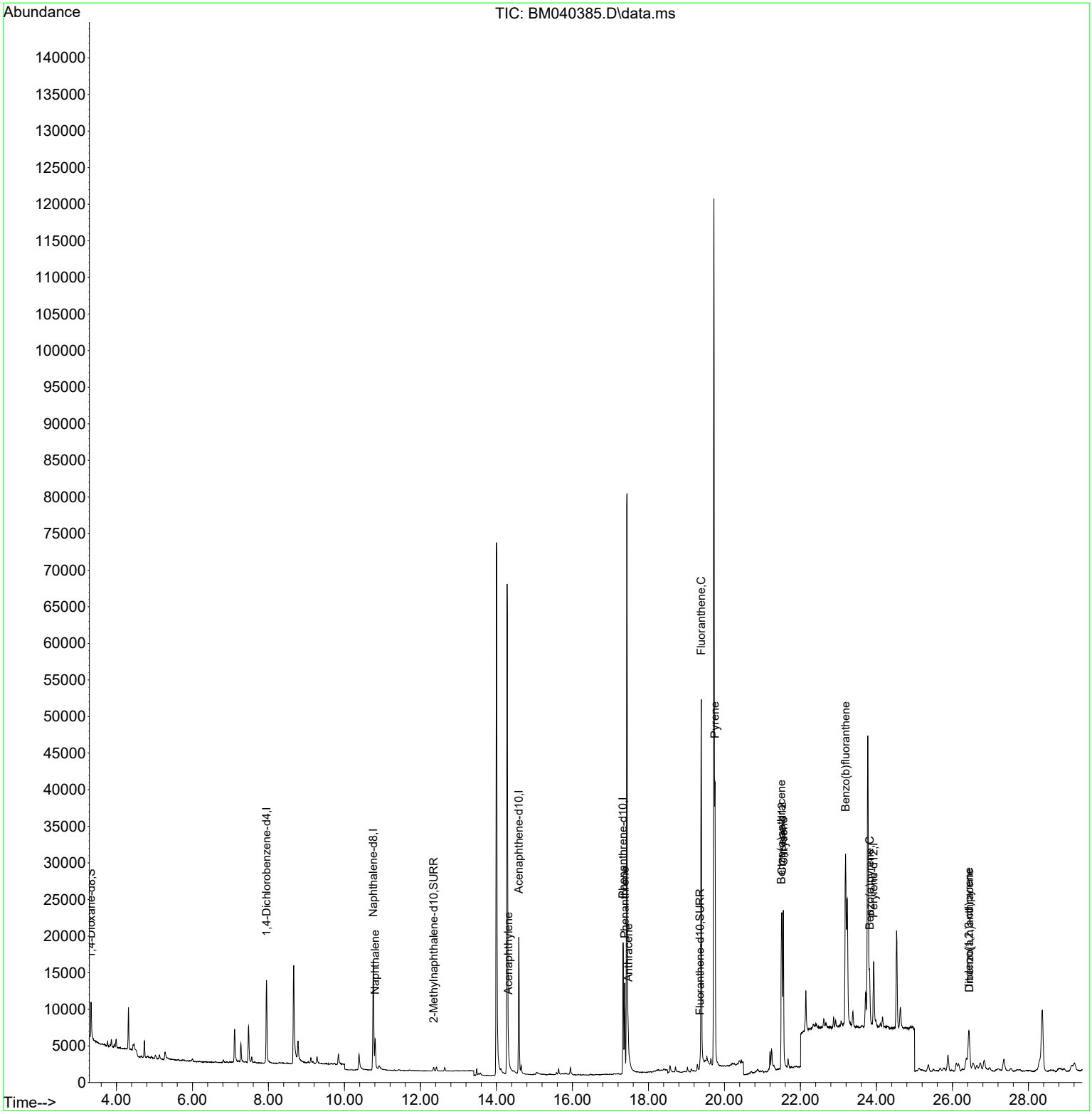
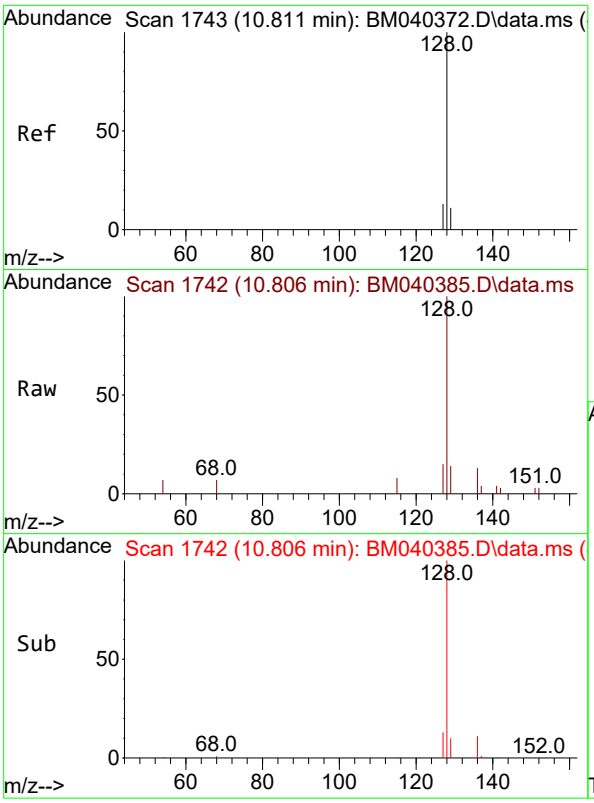


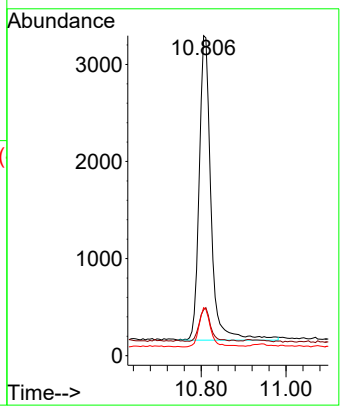


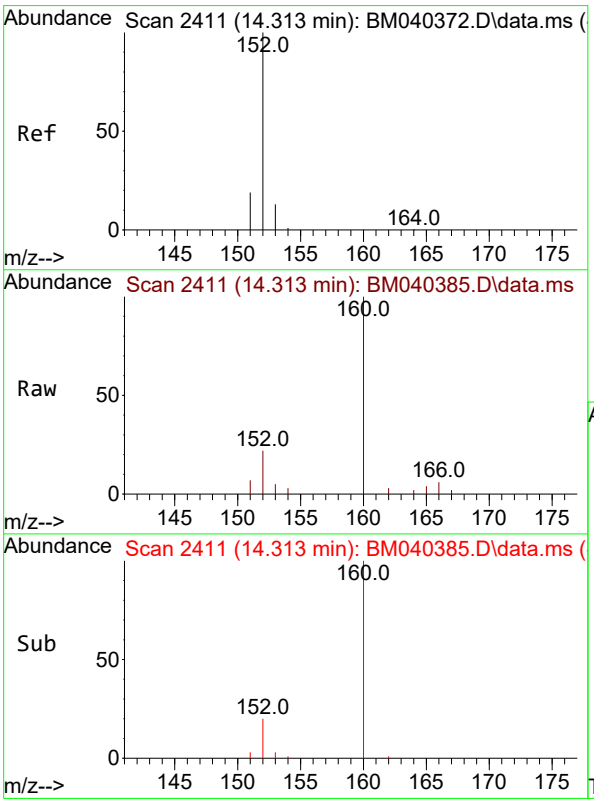
#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Tgt Ion:128 Resp: 6035

Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.2	13.8#
127	15.0	10.6	15.8

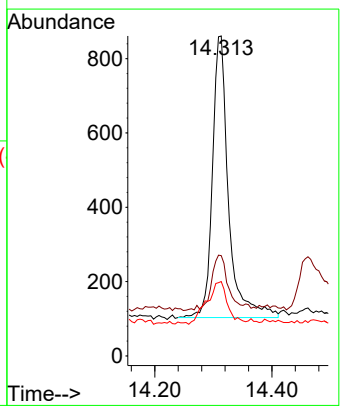


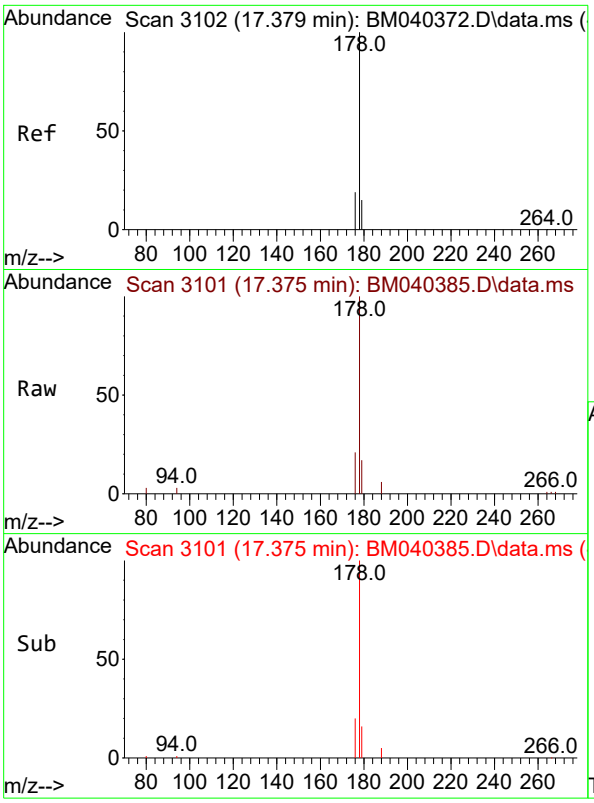


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Tgt Ion:152 Resp: 1446

Ion	Ratio	Lower	Upper
152	100		
151	31.4	16.2	24.2#
153	23.2	10.9	16.3#



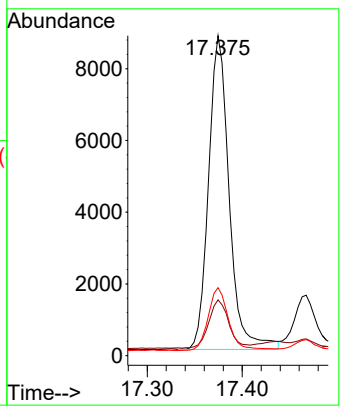


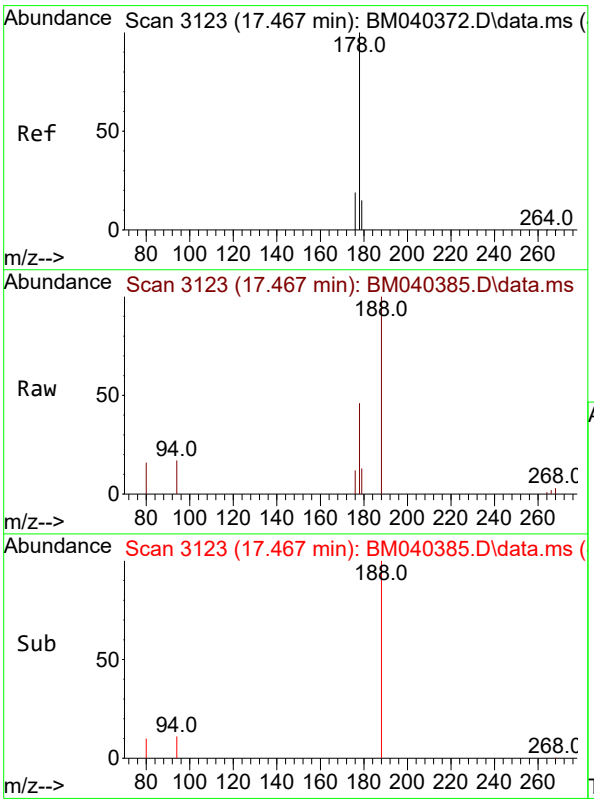
#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.375 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Tgt Ion:178 Resp: 13229

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.8	19.2
176	21.3	16.4	24.6

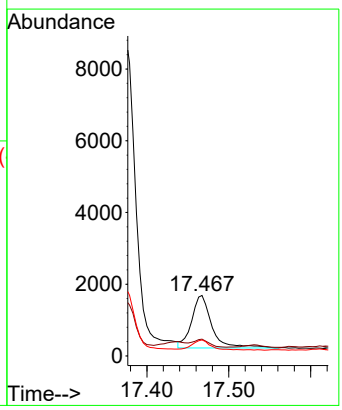


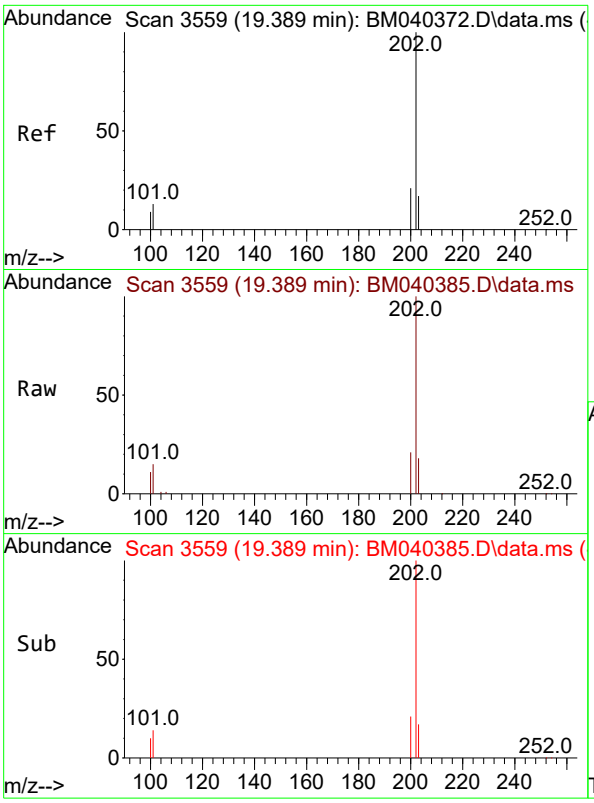


#16
Anthracene
Concen: 0.045 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Tgt Ion:178 Resp: 2507

Ion	Ratio	Lower	Upper
178	100		
179	27.9	12.9	19.3#
176	26.4	15.8	23.6#



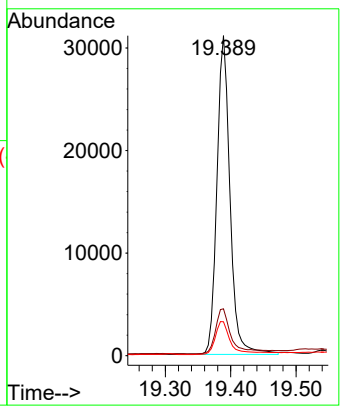


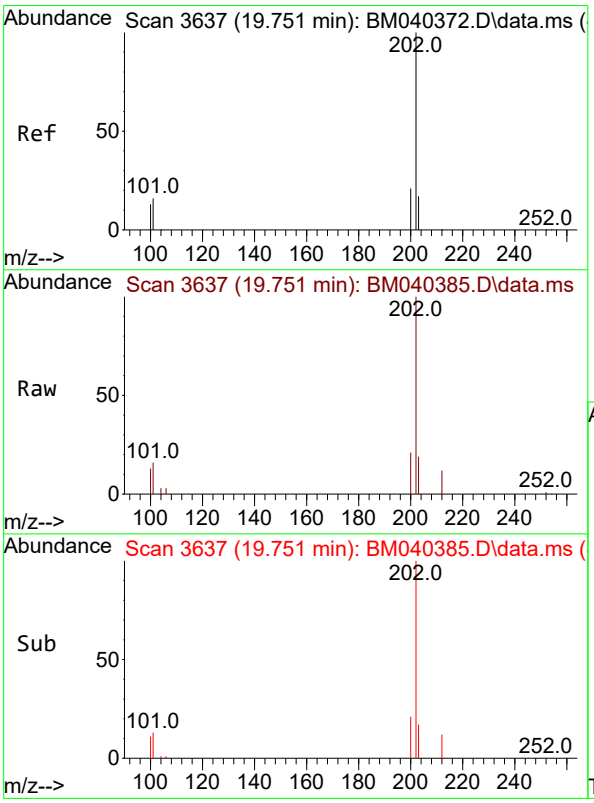
#19
Fluoranthene
Concen: 0.666 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Tgt Ion:202 Resp: 43041

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.4	17.0
100	10.6	8.7	13.1

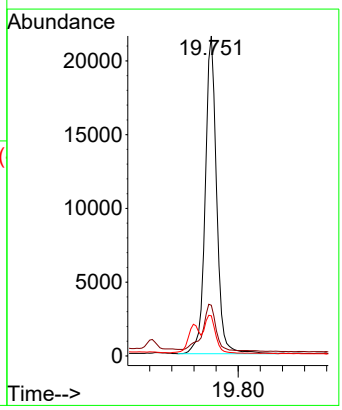


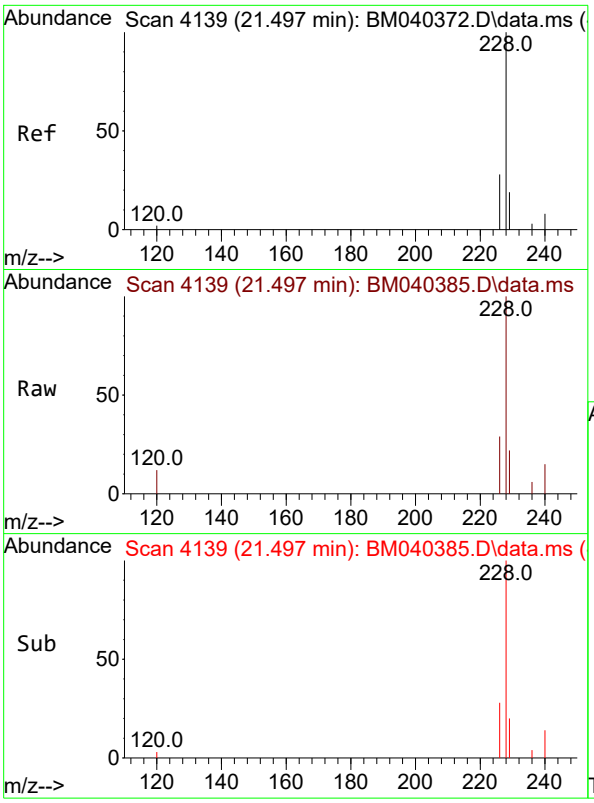


#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Tgt Ion:202 Resp: 30800

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.6	18.8
100	12.6	9.8	14.6



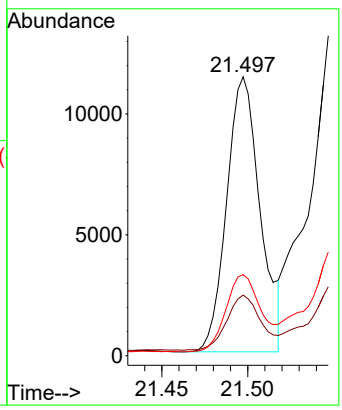


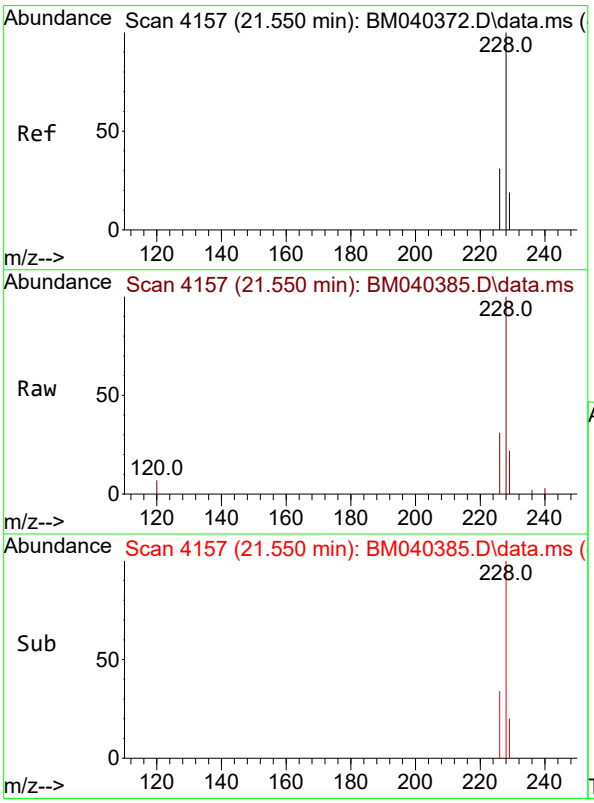
#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Tgt Ion:228 Resp: 15457

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	29.1	22.3	33.5

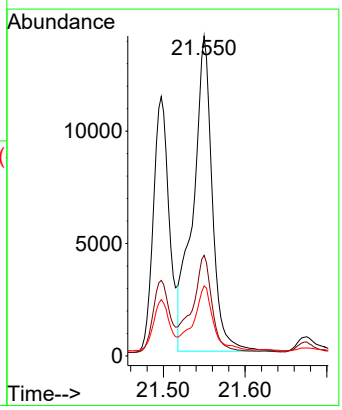


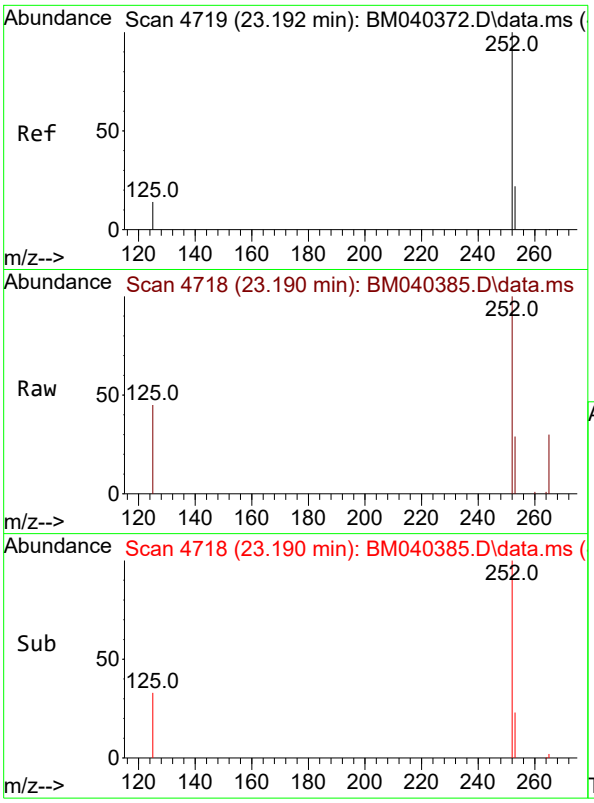


#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Tgt Ion:228 Resp: 22944

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.9	15.8	23.6



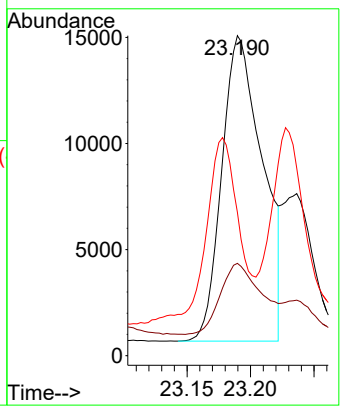


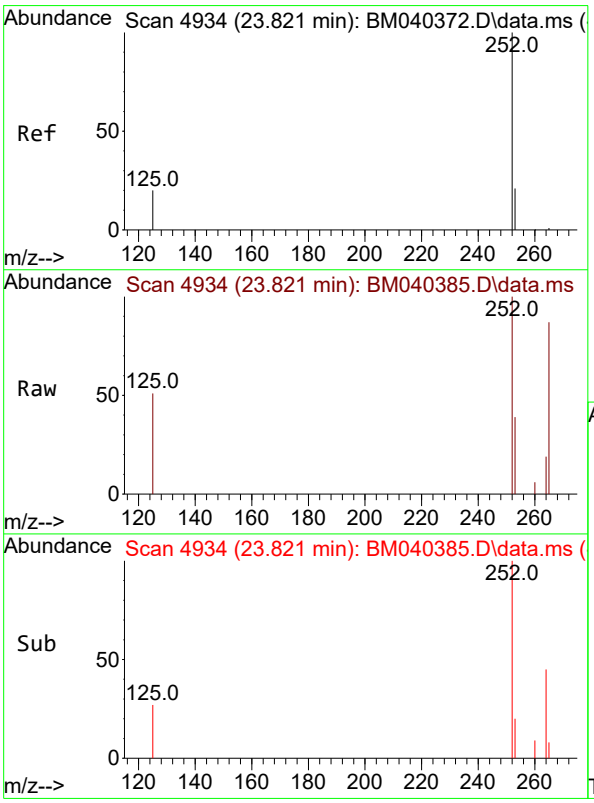
#24
Benzo(b)fluoranthene
Concen: 0.660 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Tgt Ion:252 Resp: 32024

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	52.8
125	44.8	0.0	43.0#

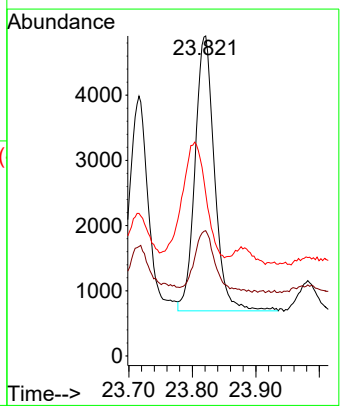


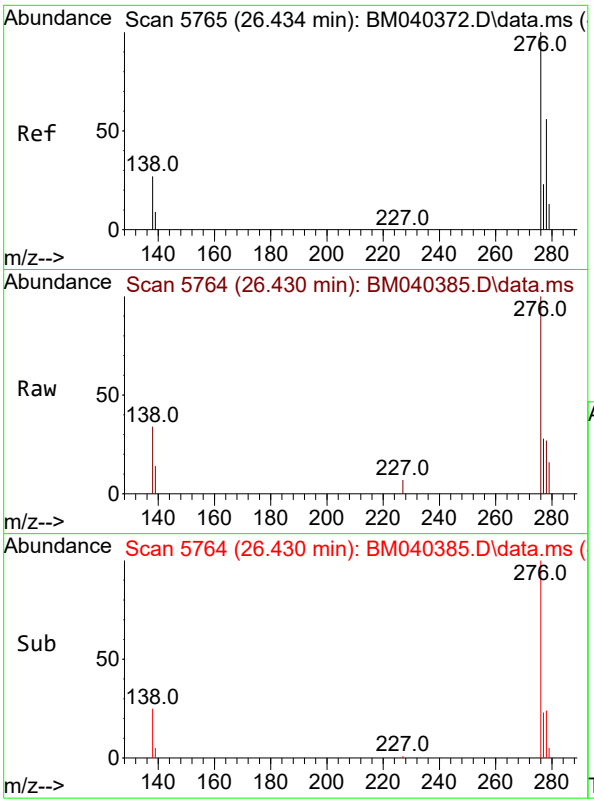


#26
Benzo(a)pyrene
Concen: 0.206 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Tgt Ion:252 Resp: 8985

Ion	Ratio	Lower	Upper
252	100		
253	39.1	22.9	34.3#
125	50.8	21.0	31.4#



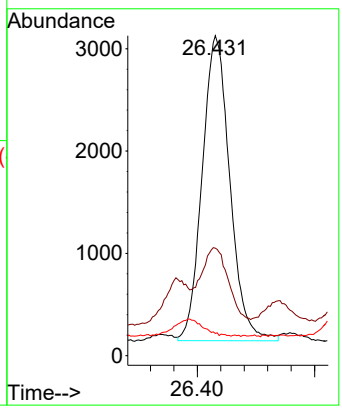


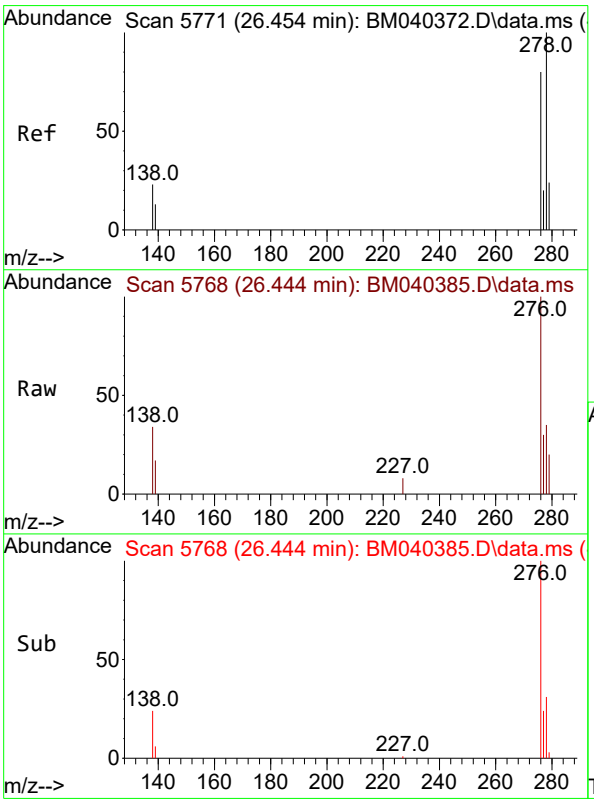
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Instrument :
BNA_M
ClientSampleId :
DCFR4DL

Tgt Ion:276 Resp: 9767

Ion	Ratio	Lower	Upper
276	100		
138	23.8	24.5	36.7#
227	0.0	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.444 min Scan# 5768
Delta R.T. -0.010 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

Tgt Ion:278 Resp: 2892

Ion	Ratio	Lower	Upper
278	100		
139	48.5	17.9	26.9#
279	56.4	22.0	33.0#