Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040605.D
Acq On : 04 Jul 2023 10:20
Operator : MA/JU
Sample : 03243-13DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 05 01:17:28 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	7.915	152	7479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	28137	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	13223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	25425	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	15077	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	14034	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	4907	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1311	0.033	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	1954	0.040	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.773	128	1792	0.023	ng/ul#	82
10) Acenaphthylene	14.281	152	1967	0.033	ng/ul#	84
15) Phenanthrene	17.349	178	13112	0.166	ng/ul	98
16) Anthracene	17.442	178	1522	0.023	ng/ul#	81
19) Fluoranthene	19.366	202	36980	0.577	ng/ul	98
20) Pyrene	19.728	202	29456	0.429	ng/ul	97
21) Benzo(a)anthracene	21.480	228	15455	0.303	ng/ul	96
22) Chrysene	21.532	228	16078	0.276	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	26109	0.481	ng/ul	96
26) Benzo(a)pyrene	23.792	252	14301	0.292	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.394	276	13770	0.202	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.404	278	3270	0.061	ng/ul#	56
29) Benzo(g,h,i)perylene	27.165	276	12385	0.207	ng/ul	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
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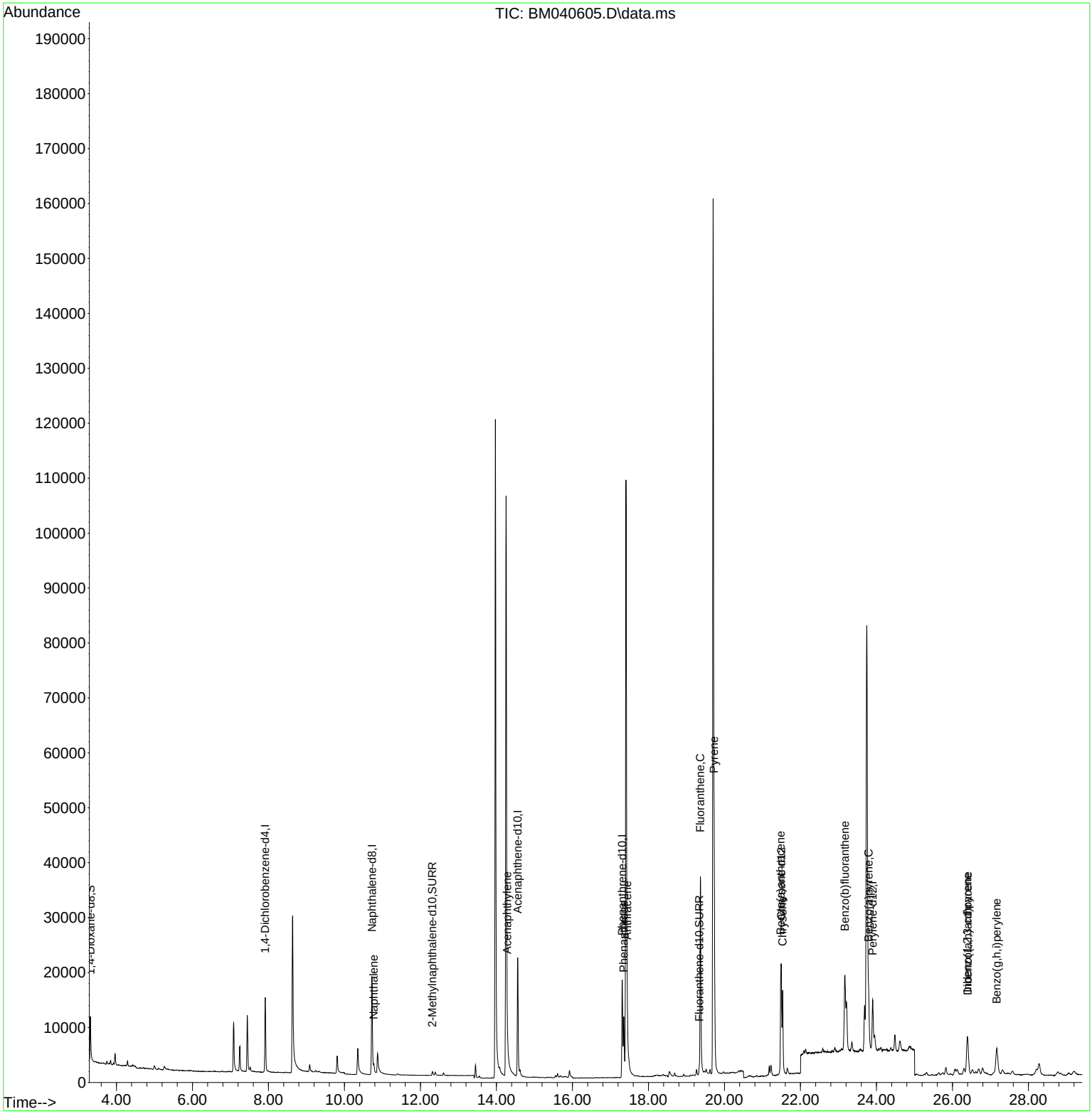
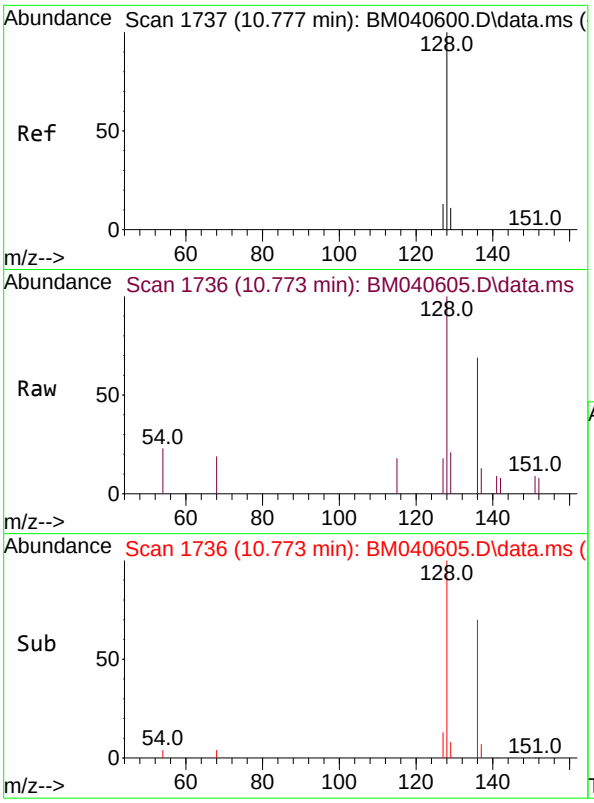
Acq On : 04 Jul 2023 10:20
Operator : MA/JU
Sample : 03243-13DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 05 01:17:28 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



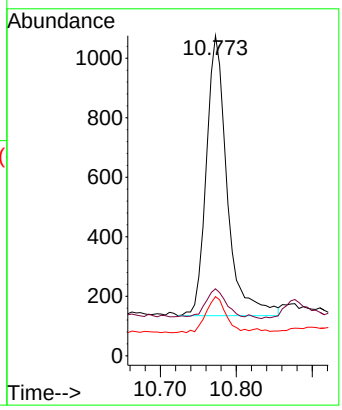


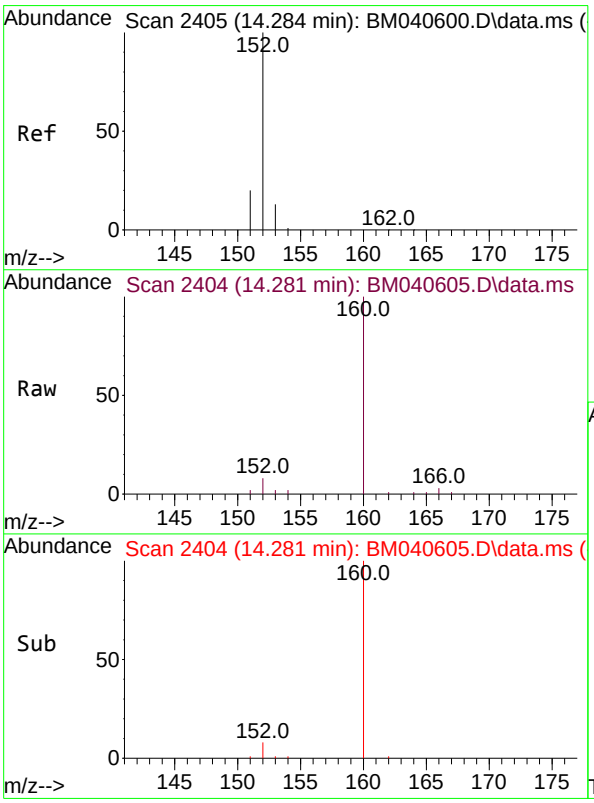
#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.773 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1792

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.2	13.8#
127	18.5	10.6	15.8#

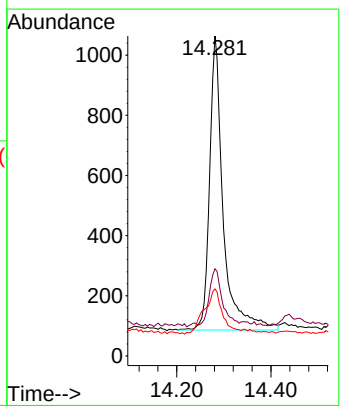


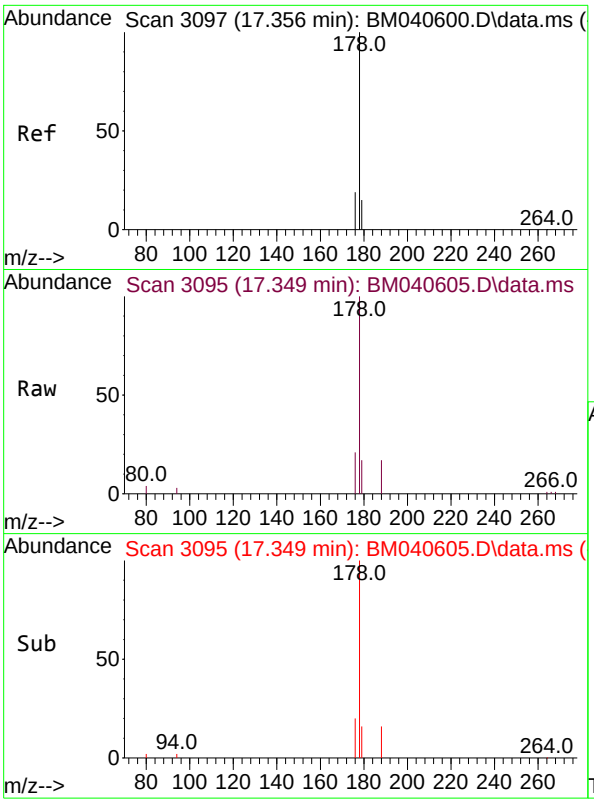


#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:152 Resp: 1967

Ion	Ratio	Lower	Upper
152	100		
151	27.3	16.2	24.2#
153	21.0	10.9	16.3#



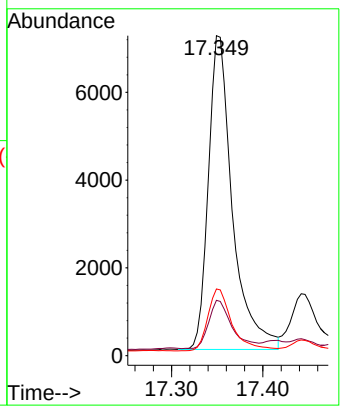


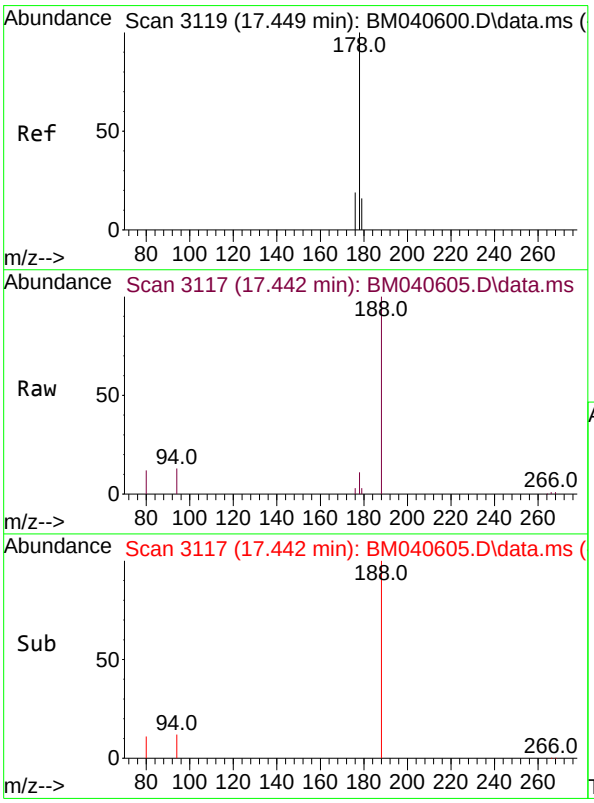
#15
Phenanthrene
Concen: 0.166 ng/ul
RT: 17.349 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 13112

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	20.8	16.4	24.6

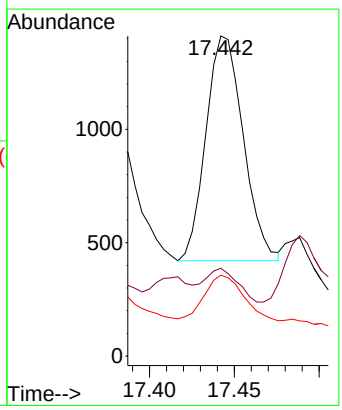


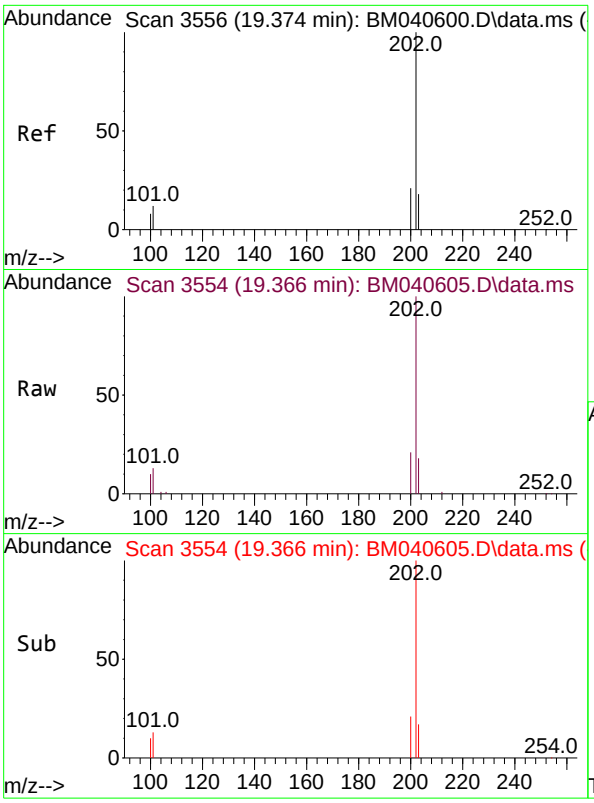


#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:178 Resp: 1522

Ion	Ratio	Lower	Upper
178	100		
179	27.4	12.9	19.3#
176	25.3	15.8	23.6#



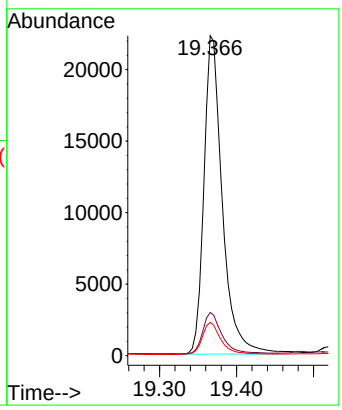


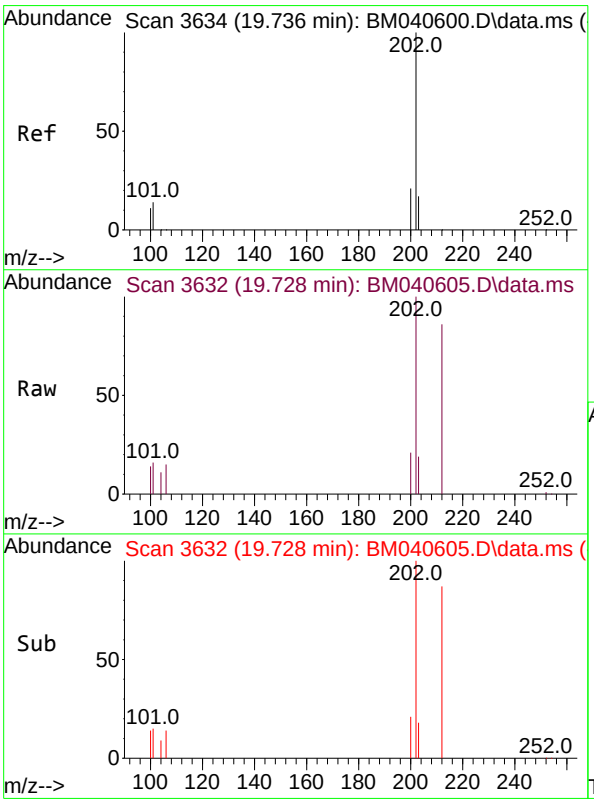
#19
Fluoranthene
Concen: 0.577 ng/ul
RT: 19.366 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 36980

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.4	17.0
100	10.4	8.7	13.1

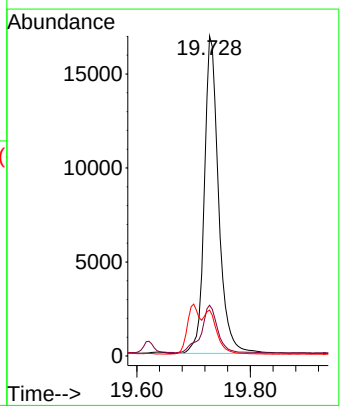


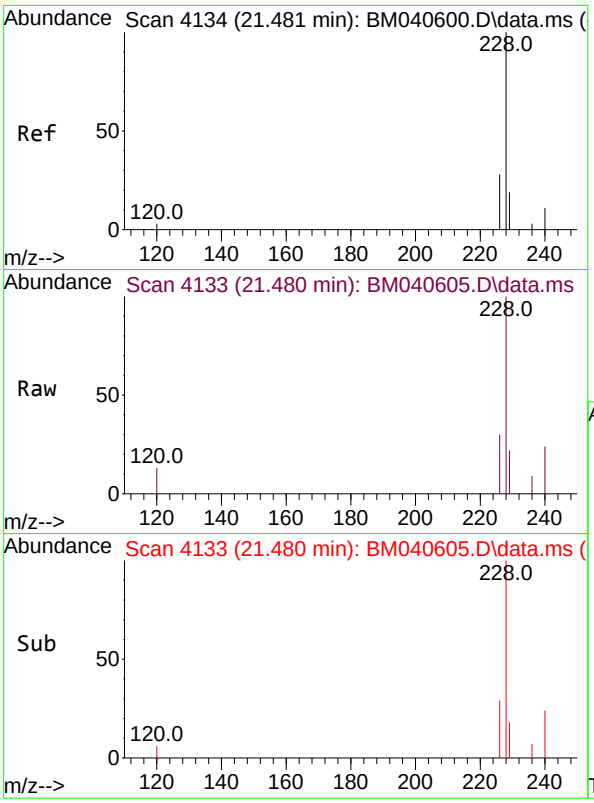


#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:202 Resp: 29456

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.6	18.8
100	14.4	9.8	14.6



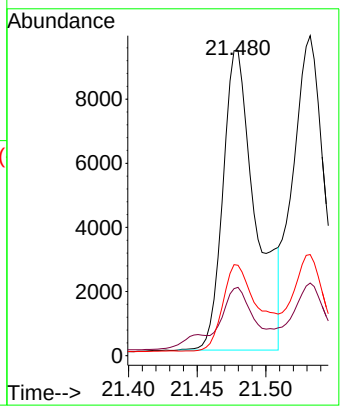


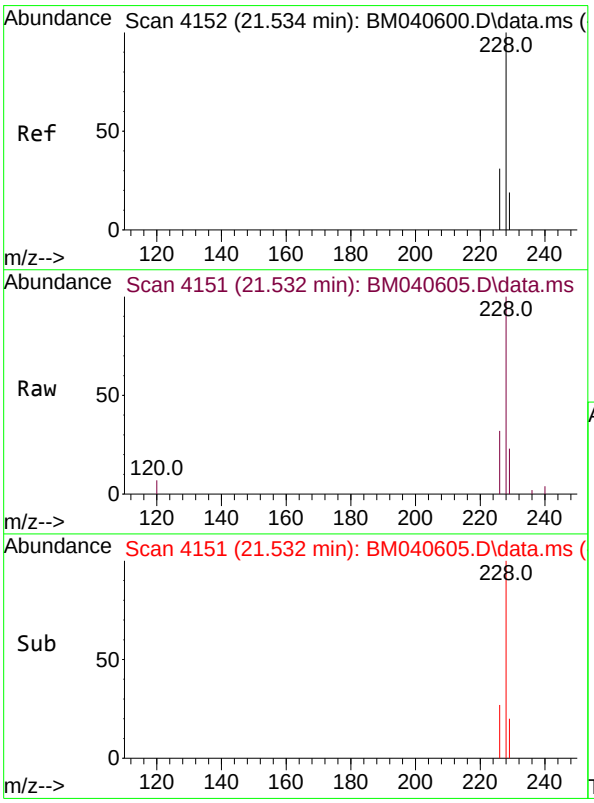
#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 21.480 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 15455

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.0	24.0
226	29.6	22.3	33.5

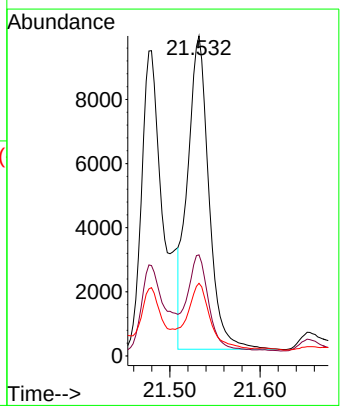


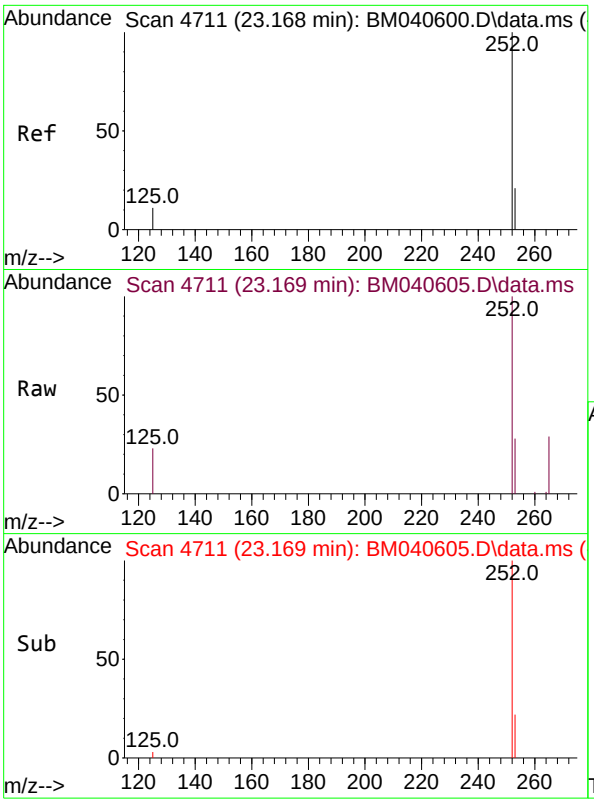


#22
Chrysene
Concen: 0.276 ng/ul
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:228 Resp: 16078

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.7	15.8	23.6



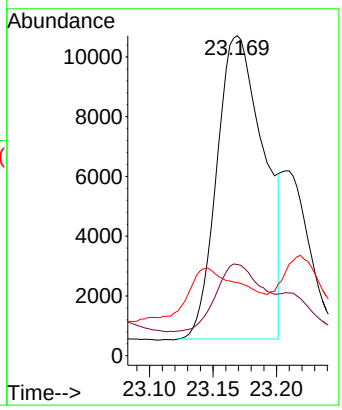


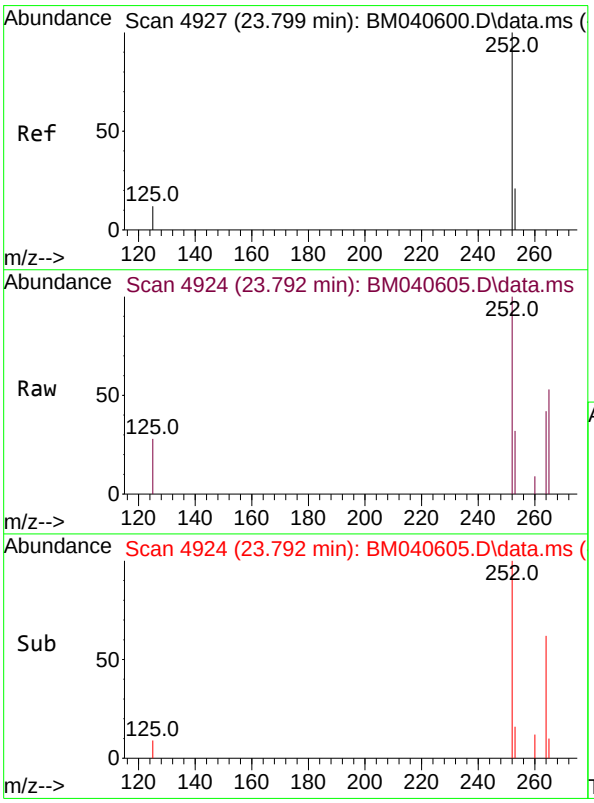
#24
Benzo(b)fluoranthene
Concen: 0.481 ng/ul
RT: 23.169 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 26109

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	52.8
125	22.9	0.0	43.0

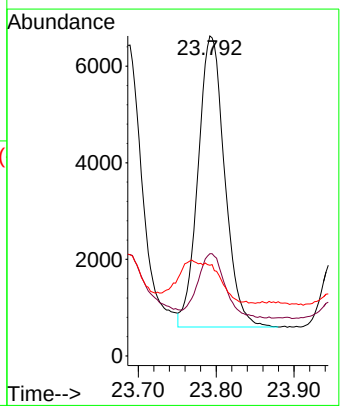


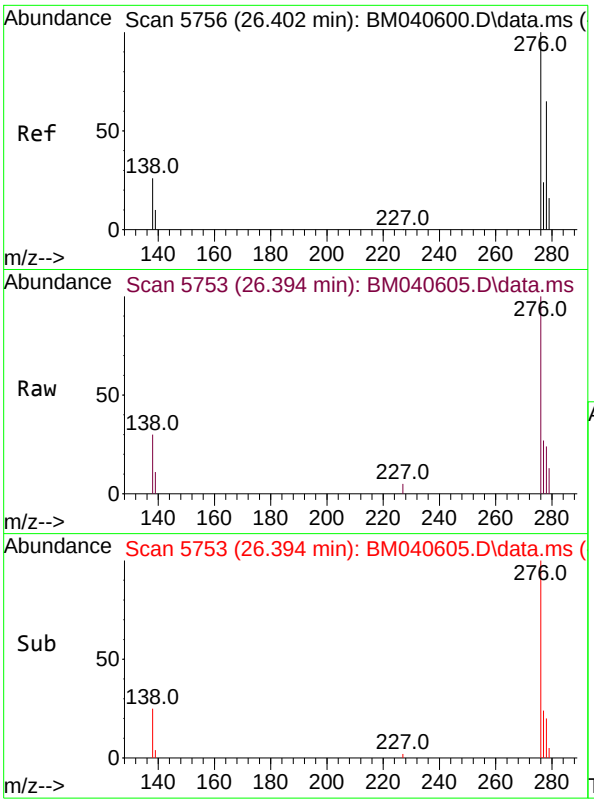


#26
Benzo(a)pyrene
Concen: 0.292 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:252 Resp: 14301

Ion	Ratio	Lower	Upper
252	100		
253	31.9	22.9	34.3
125	28.4	21.0	31.4



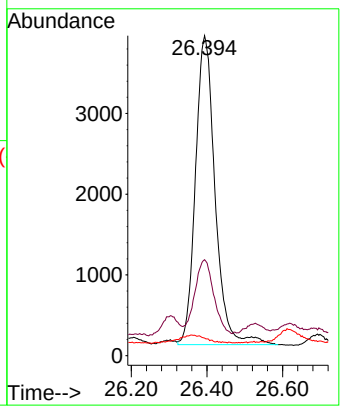


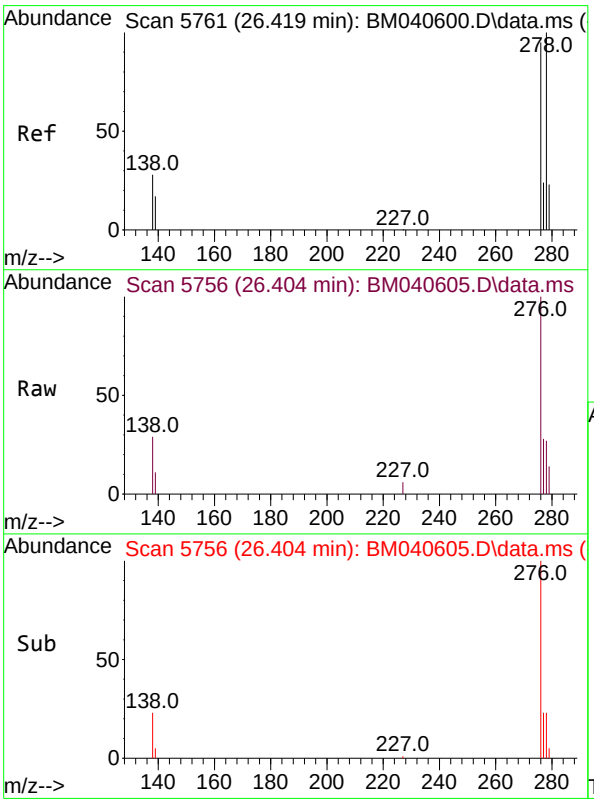
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 26.394 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 13770

Ion	Ratio	Lower	Upper
276	100		
138	23.3	24.5	36.7#
227	0.0	0.1	0.1#

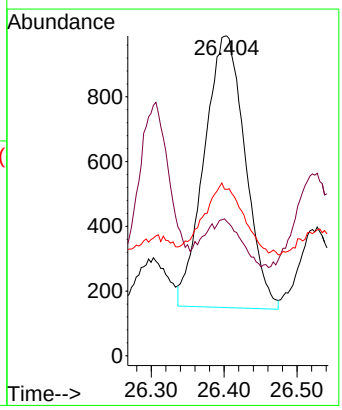


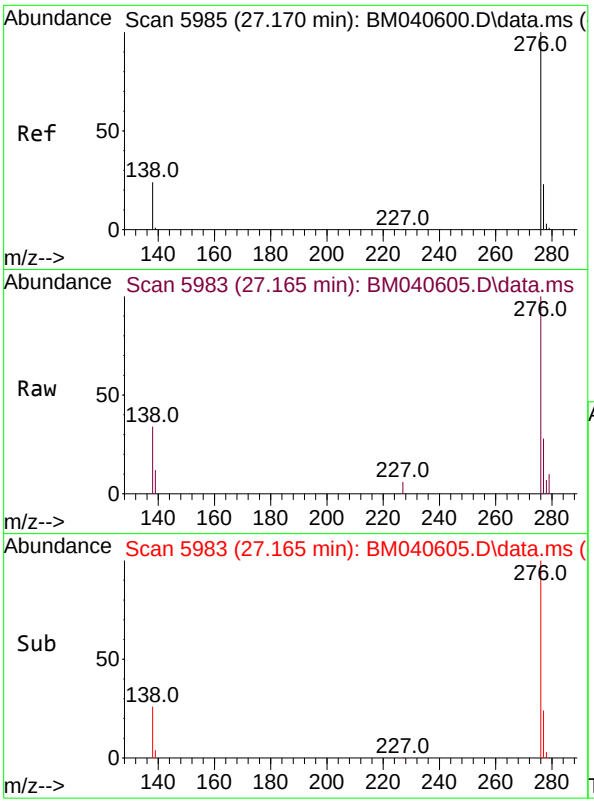


#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.404 min Scan# 5756
Delta R.T. -0.027 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:278 Resp: 3270

Ion	Ratio	Lower	Upper
278	100		
139	42.0	17.9	26.9#
279	52.0	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.165 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 12385

Ion	Ratio	Lower	Upper
276	100		
138	34.0	23.0	34.6
277	27.6	20.3	30.5