Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040611.D
Acq On : 04 Jul 2023 14:04
Operator : MA/JU
Sample : 03243-11DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 05 01:18:52 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	6825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	26395	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	25068	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	14555	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	14053	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	7418	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1932	0.052	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	2991	0.064	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.772	128	27347	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.384	142	31173	0.729	ng/ul	100
8) 1-Methylnaphthalene	12.604	142	21785	0.510	ng/ul	99
10) Acenaphthylene	14.281	152	35243	0.619	ng/ul	98
11) Acenaphthene	14.623	153	1538	0.032	ng/ul#	87
12) Fluorene	15.609	166	2194	0.043	ng/ul#	77
15) Phenanthrene	17.349	178	81449	1.046	ng/ul	99
16) Anthracene	17.442	178	36419	0.557	ng/ul	100
19) Fluoranthene	19.366	202	219316	3.547	ng/ul	96
20) Pyrene	19.728	202	209538	3.161	ng/ul	99
21) Benzo(a)anthracene	21.474	228	138653	2.816	ng/ul	98
22) Chrysene	21.526	228	145141	2.584	ng/ul	98
24) Benzo(b)fluoranthene	23.166	252	266917	4.908	ng/ul	88
26) Benzo(a)pyrene	23.789	252	129158	2.636	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.390	276	117656	1.725	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.393	278	29600	0.554	ng/ul	96
29) Benzo(g,h,i)perylene	27.162	276	97550	1.631	ng/ul	95

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

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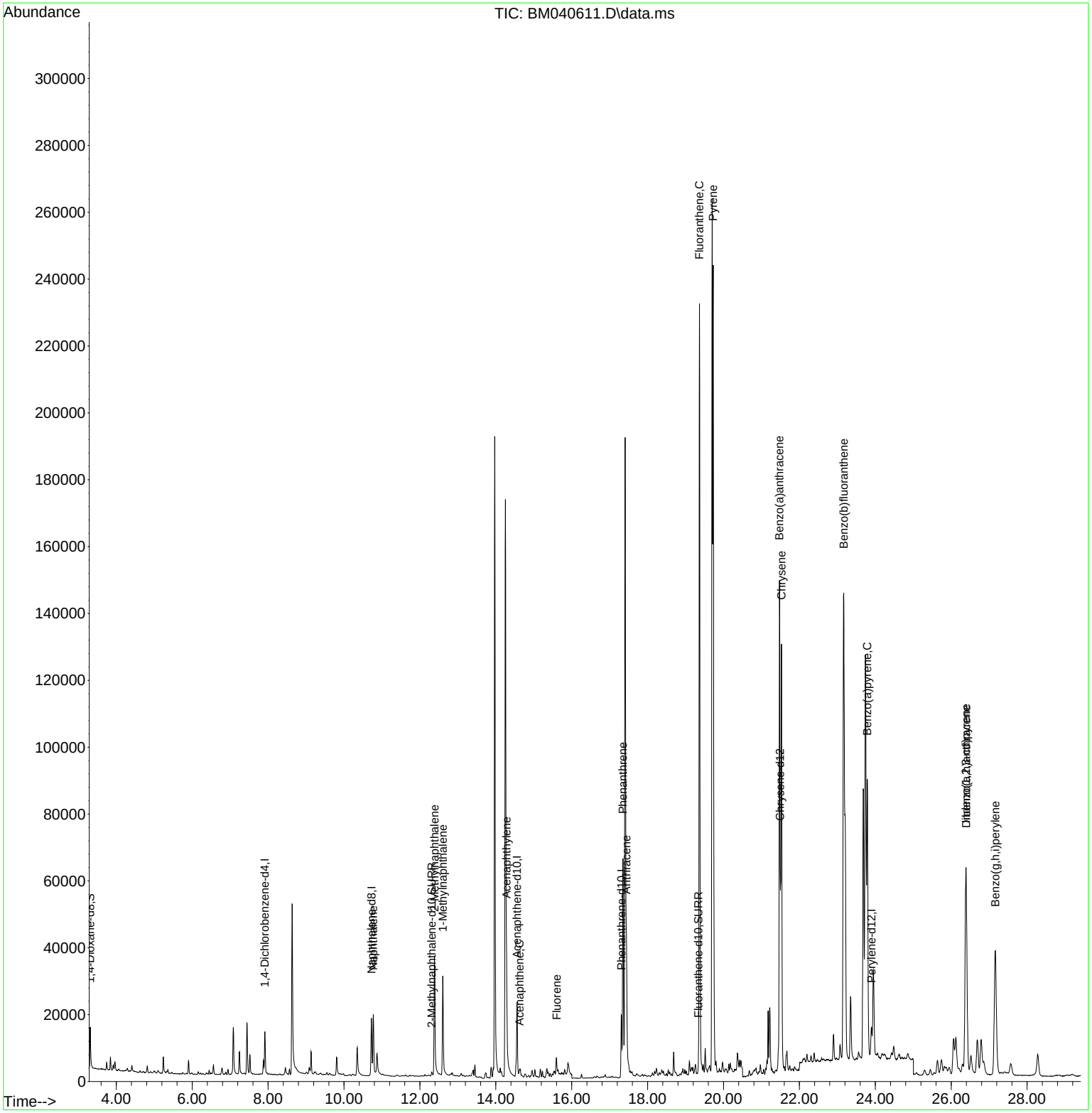
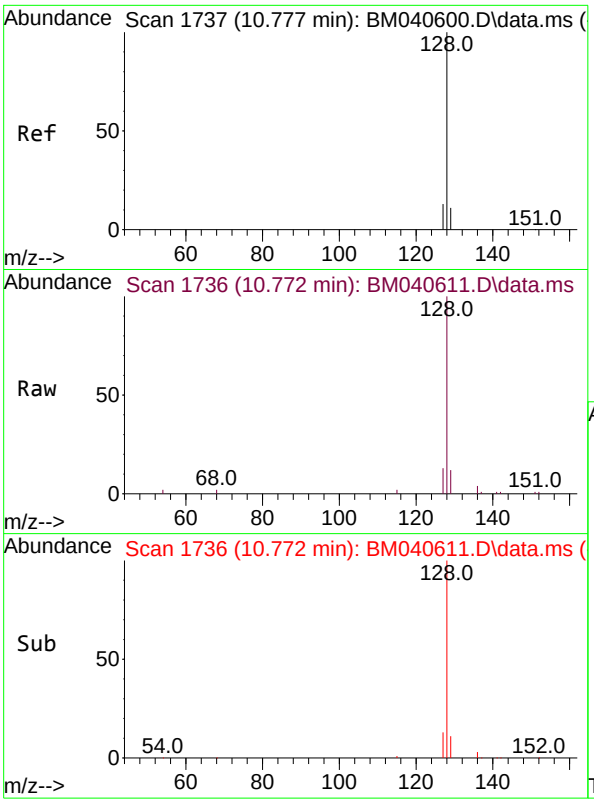


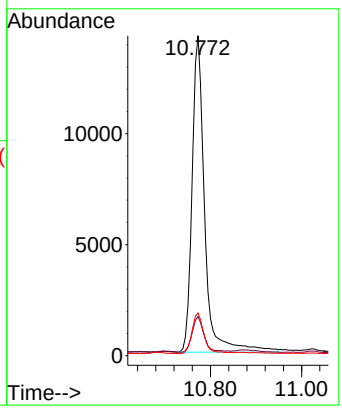


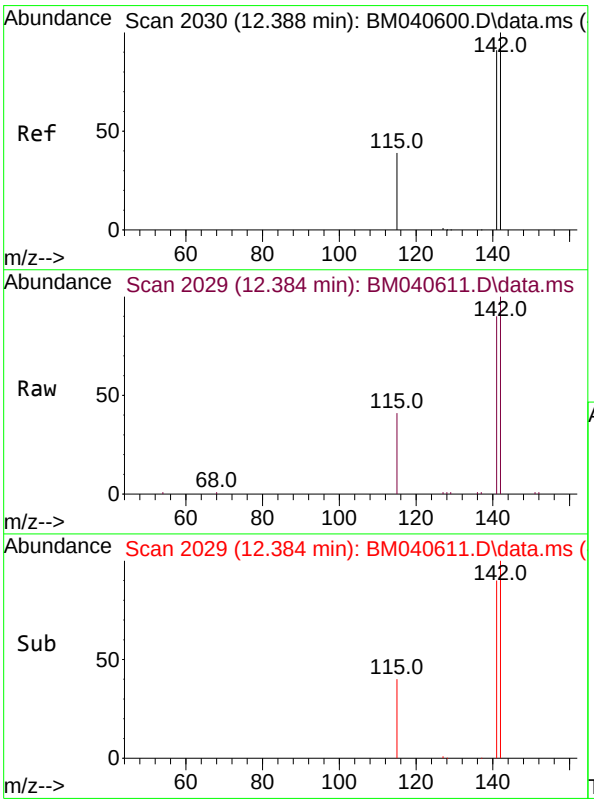
#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.772 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 27347

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	13.3	10.6	15.8

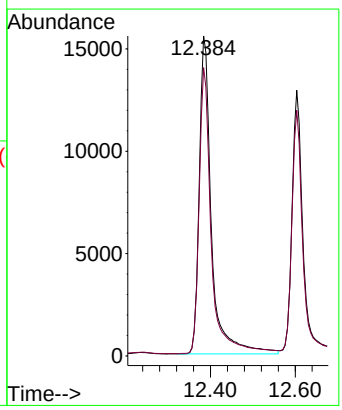


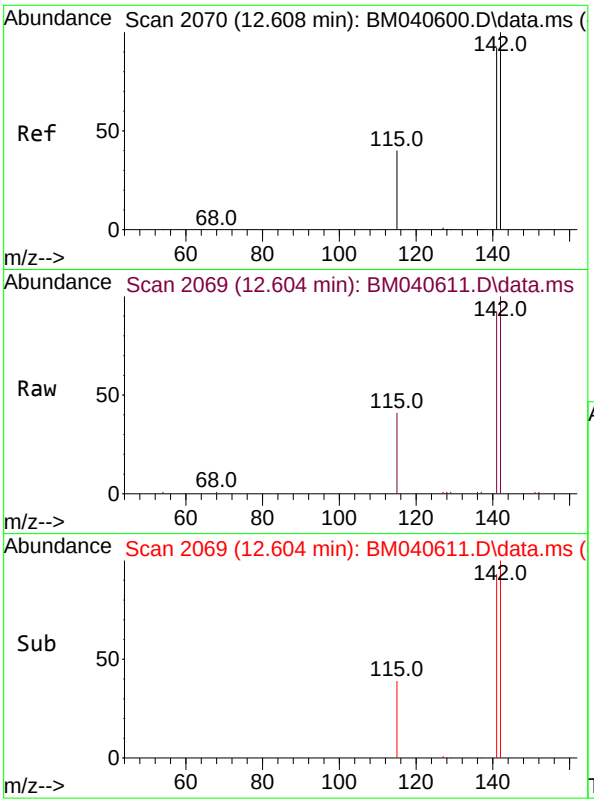


#7
2-Methylnaphthalene
Concen: 0.729 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:142 Resp: 31173

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9



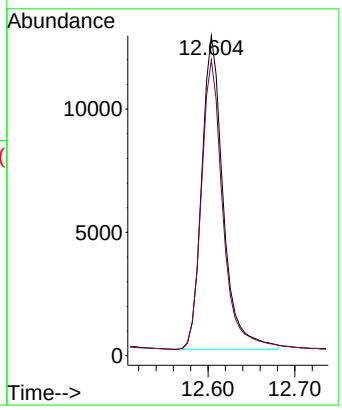


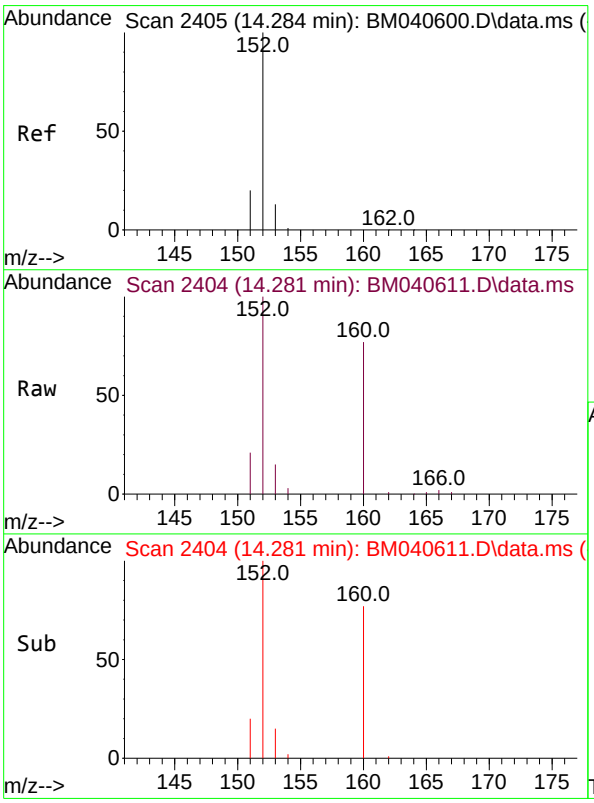
#8
1-Methylnaphthalene
Concen: 0.510 ng/ul
RT: 12.604 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 21785

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5

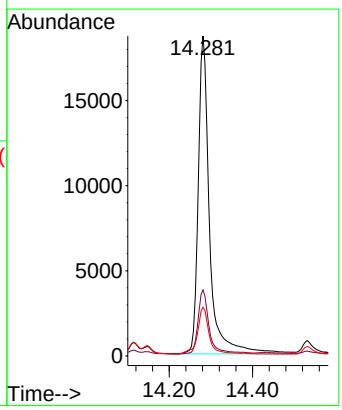


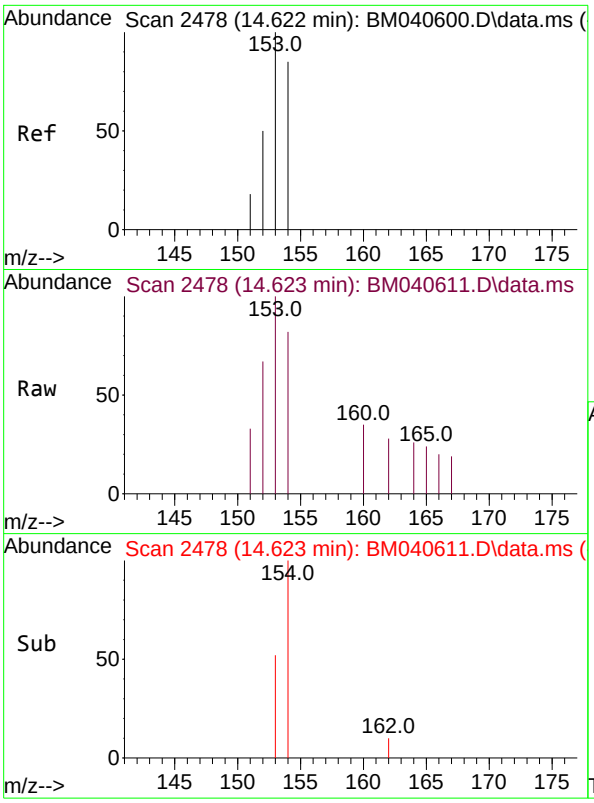


#10
Acenaphthylene
Concen: 0.619 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:152 Resp: 35243

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	15.2	10.9	16.3



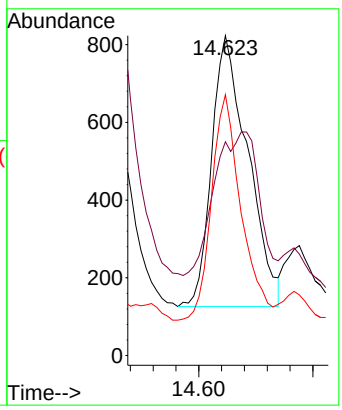


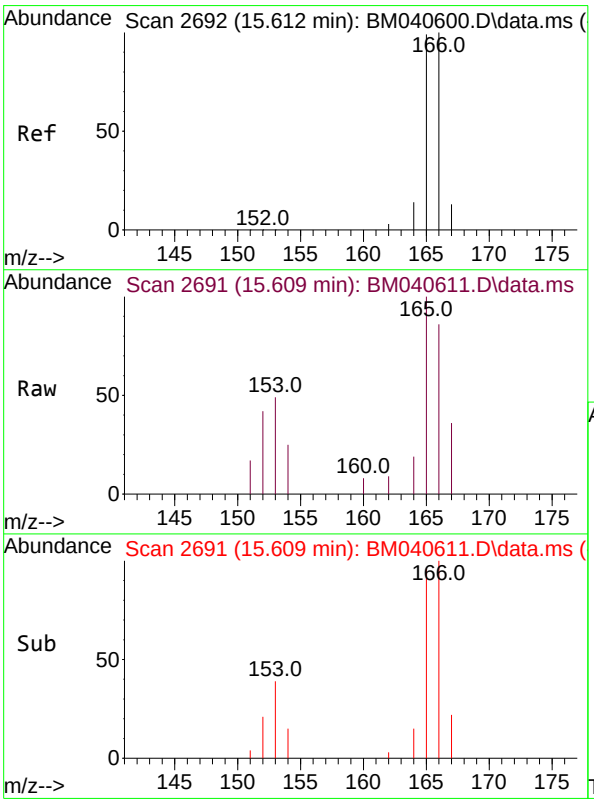
#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.623 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 1538

Ion	Ratio	Lower	Upper
153	100		
152	66.8	41.0	61.4#
154	81.5	70.8	106.2

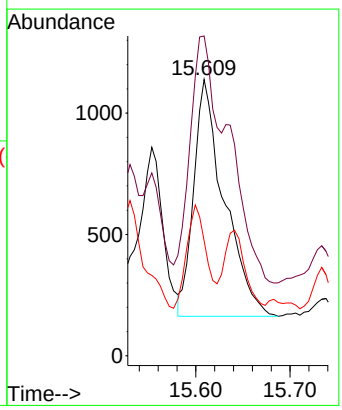


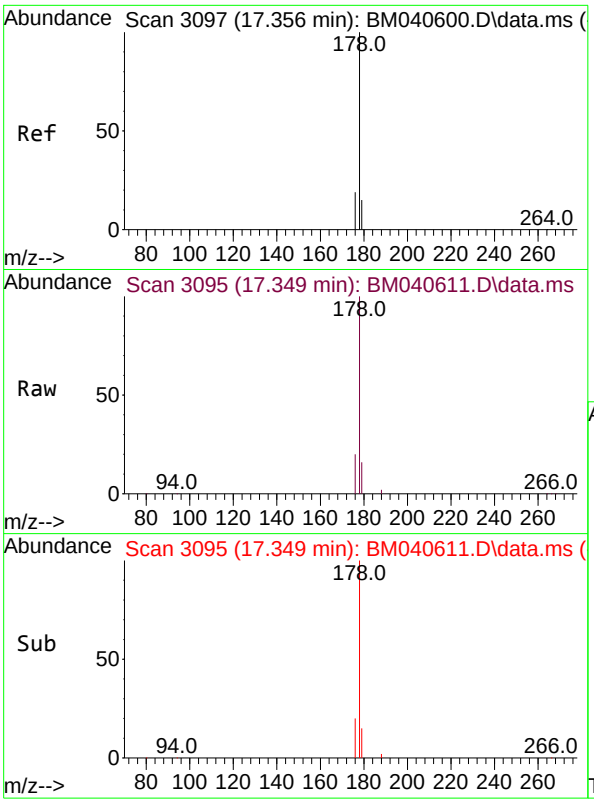


#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.609 min Scan# 2691
Delta R.T. -0.009 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:166 Resp: 2194

Ion	Ratio	Lower	Upper
166	100		
165	115.7	79.6	119.4
167	41.6	11.4	17.0#



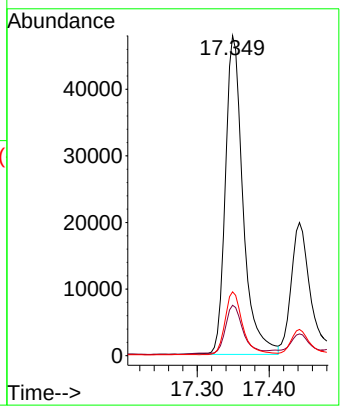


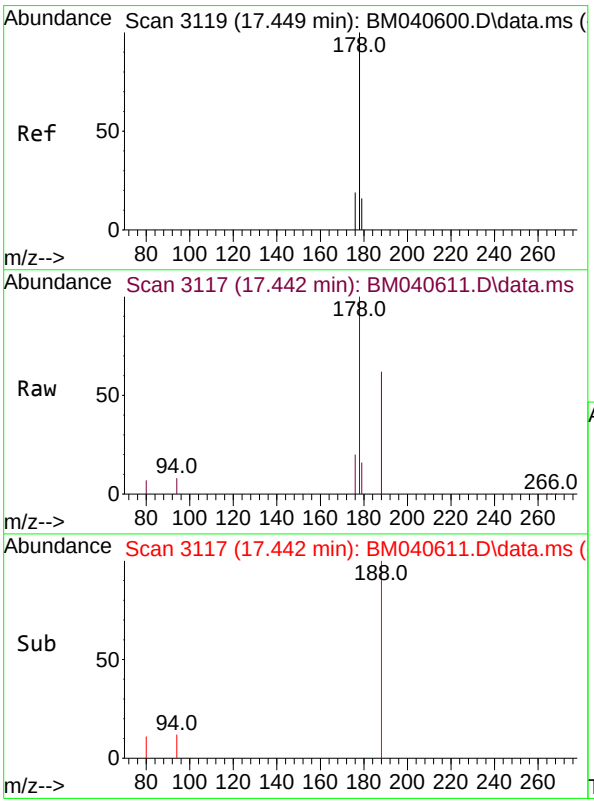
#15
Phenanthrene
Concen: 1.046 ng/ul
RT: 17.349 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 81449

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	20.0	16.4	24.6

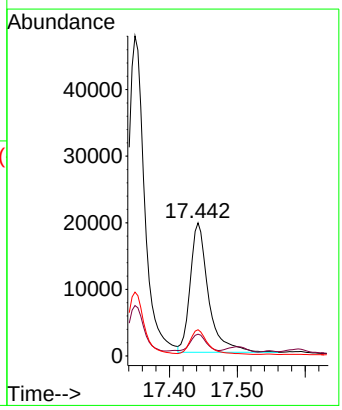


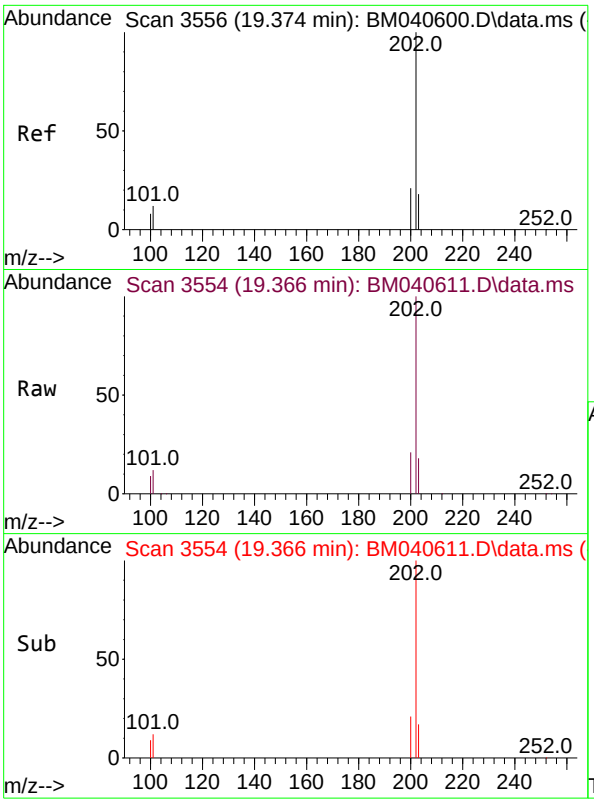


#16
Anthracene
Concen: 0.557 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:178 Resp: 36419

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.7	15.8	23.6



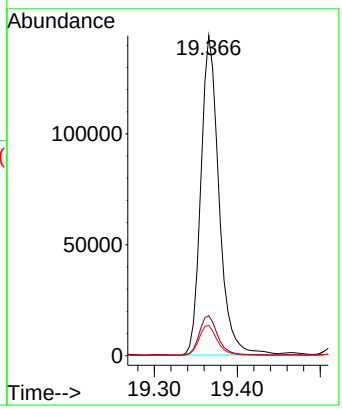


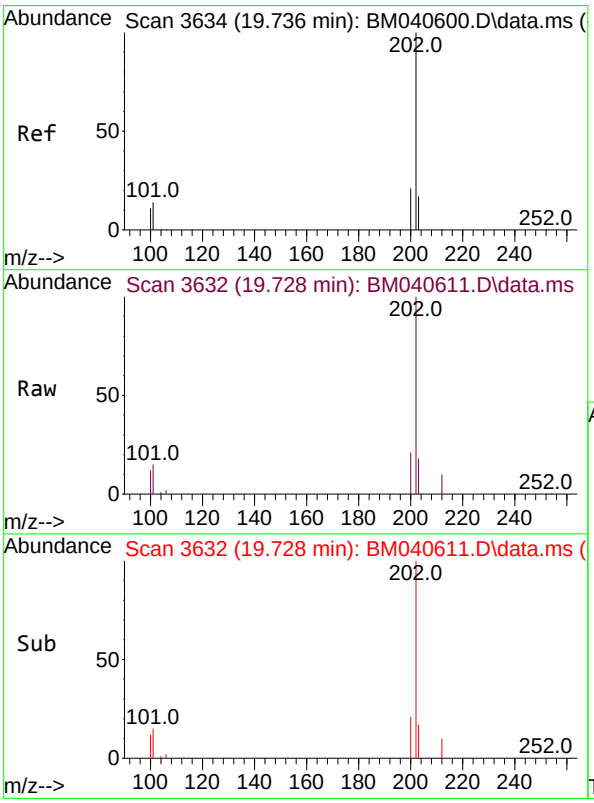
#19
Fluoranthene
Concen: 3.547 ng/ul
RT: 19.366 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 219316

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.4	17.0
100	9.4	8.7	13.1

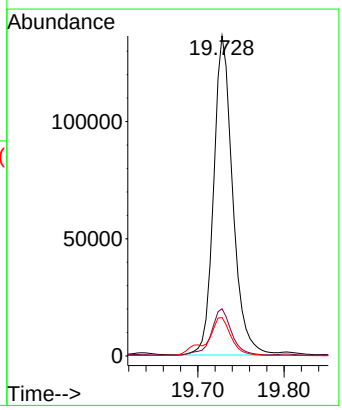


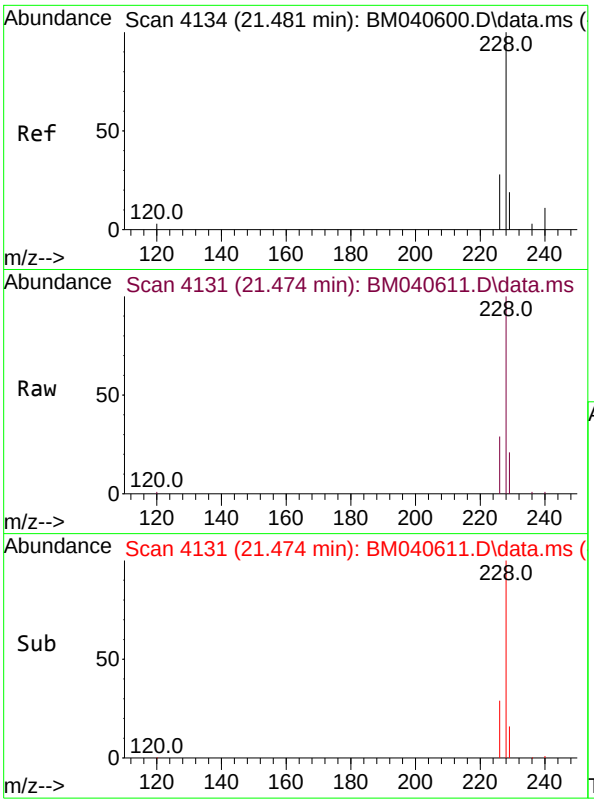


#20
Pyrene
Concen: 3.161 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:202 Resp: 209538

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.6	18.8
100	12.0	9.8	14.6



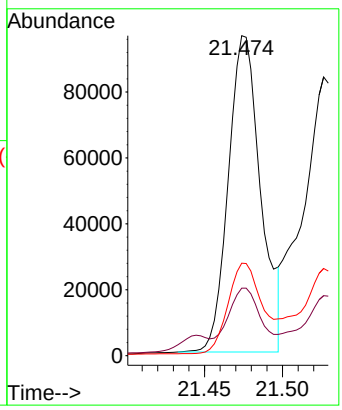


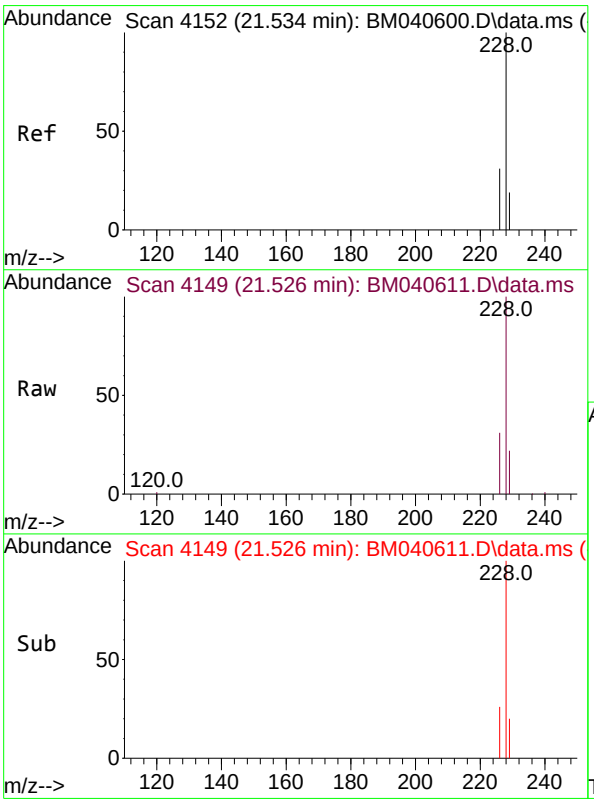
#21
Benzo(a)anthracene
Concen: 2.816 ng/ul
RT: 21.474 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 138653

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	28.9	22.3	33.5

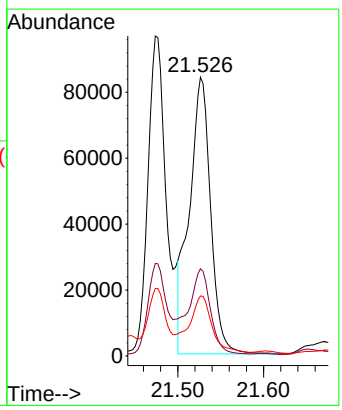


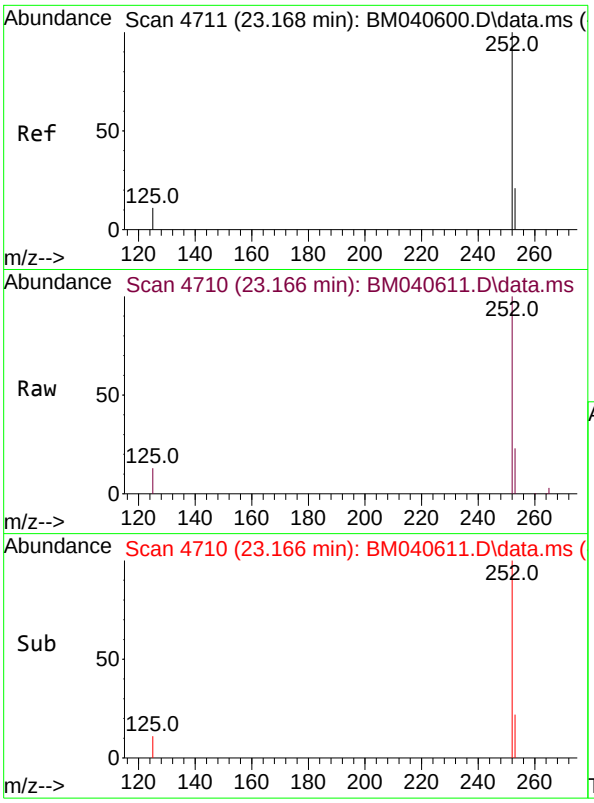


#22
Chrysene
Concen: 2.584 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:228 Resp: 145141

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.5	15.8	23.6



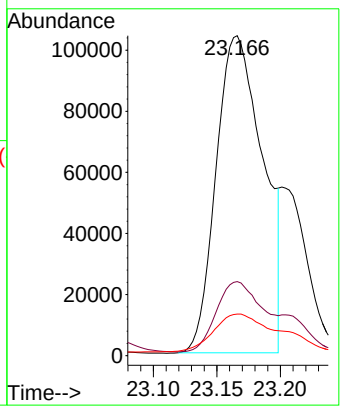


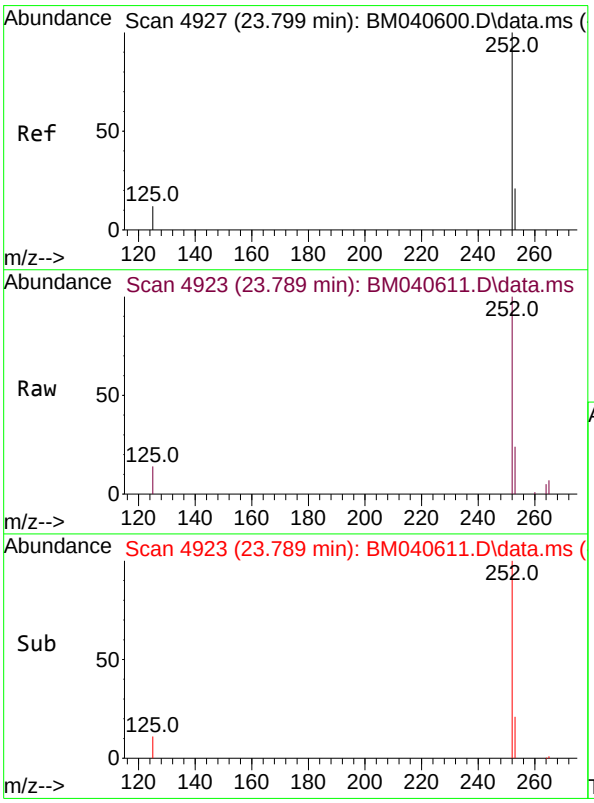
#24
Benzo(b)fluoranthene
Concen: 4.908 ng/ul
RT: 23.166 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 266917

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.8
125	13.0	0.0	43.0

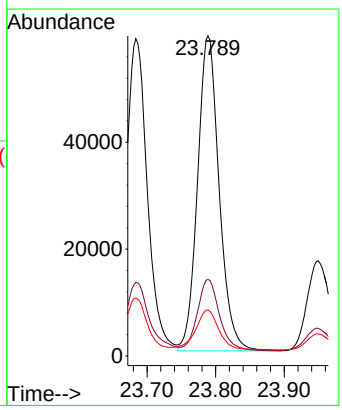


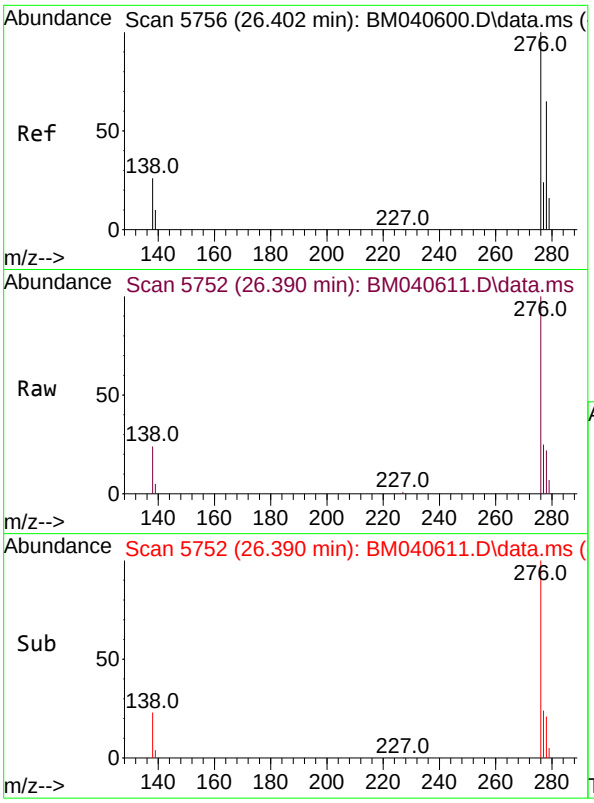


#26
Benzo(a)pyrene
Concen: 2.636 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:252 Resp: 129158

Ion	Ratio	Lower	Upper
252	100		
253	23.9	22.9	34.3
125	14.3	21.0	31.4#



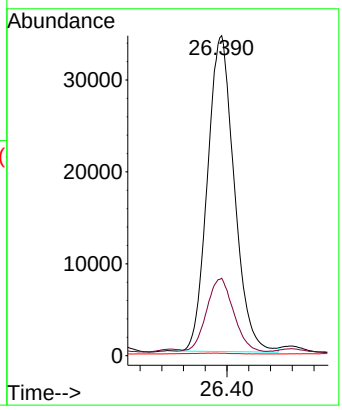


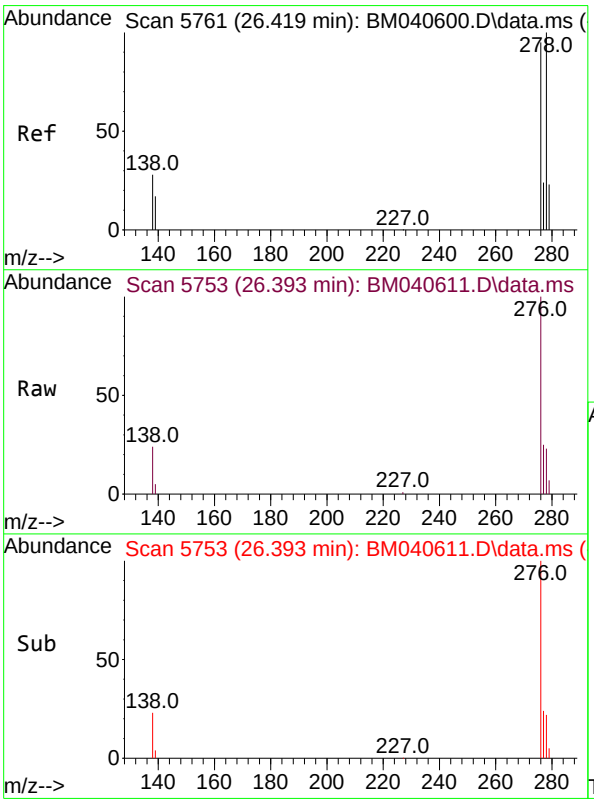
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.725 ng/ul
RT: 26.390 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 117656

Ion	Ratio	Lower	Upper
276	100		
138	23.7	24.5	36.7#
227	0.0	0.1	0.1#

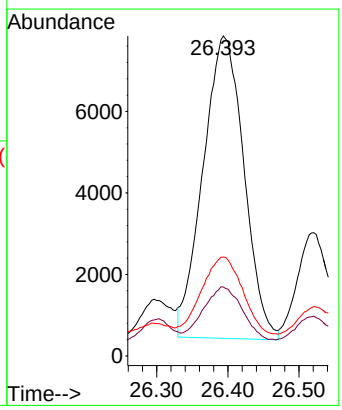


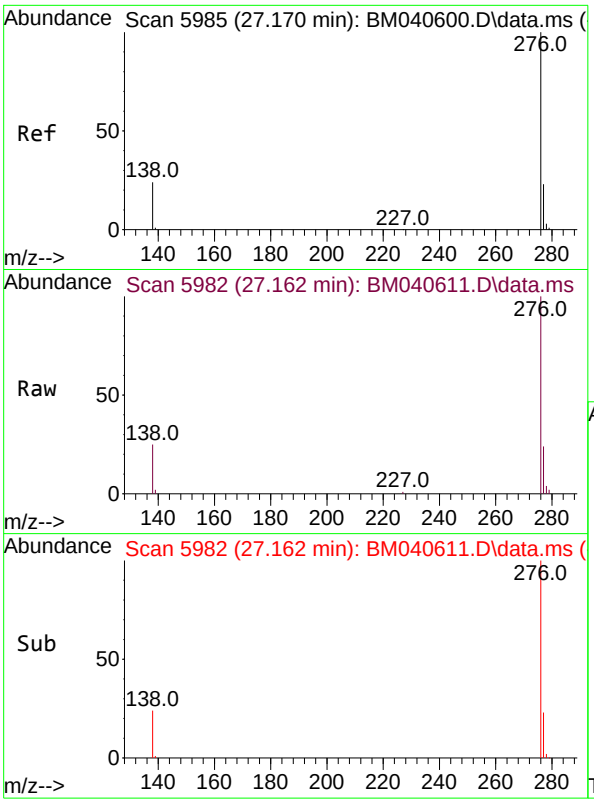


#28
Dibenzo(a,h)anthracene
Concen: 0.554 ng/ul
RT: 26.393 min Scan# 5753
Delta R.T. -0.037 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Tgt Ion:278 Resp: 29600

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.9	26.9
279	30.9	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 1.631 ng/ul
RT: 27.162 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040611.D
Acq: 04 Jul 2023 14:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 97550

Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.0	34.6
277	24.3	20.3	30.5