Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040390.D
Acq On : 24 Jun 2023 00:06
Operator : MA/JU
Sample : 03084-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Quant Time: Jun 24 01:39:38 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	9099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	34495	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	17012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	33722	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	19554	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	17270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7236	0.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1829	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2912	0.046	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	93955	0.988	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	19682	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	7415	0.133	ng/ul	100
10) Acenaphthylene	14.309	152	102970	1.355	ng/ul	99
11) Acenaphthene	14.651	153	6524	0.102	ng/ul	96
12) Fluorene	15.636	166	8013	0.117	ng/ul#	96
15) Phenanthrene	17.374	178	179763	1.716	ng/ul	99
16) Anthracene	17.467	178	51565	0.586	ng/ul	100
19) Fluoranthene	19.389	202	508438	6.121	ng/ul	96
20) Pyrene	19.751	202	393760	4.422	ng/ul	98
21) Benzo(a)anthracene	21.494	228	239787	3.625	ng/ul	98
22) Chrysene	21.550	228	226029	2.996	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	348702	5.217	ng/ul	89
26) Benzo(a)pyrene	23.818	252	201618	3.349	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.430	276	172034	2.052	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.440	278	41060	0.625	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	157472	2.143	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
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Misc :
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DCFN1DL

Quant Time: Jun 24 01:39:38 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
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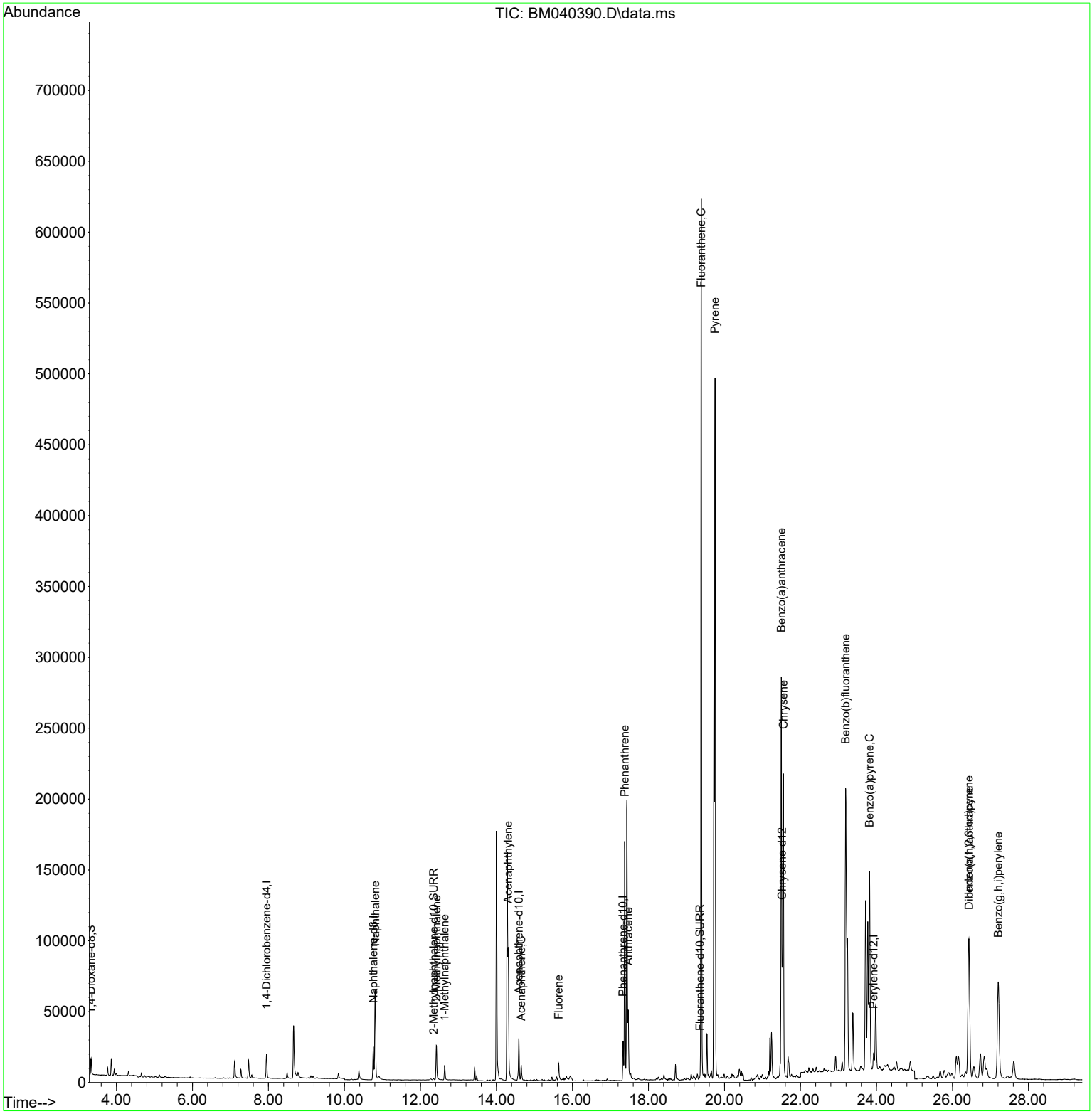
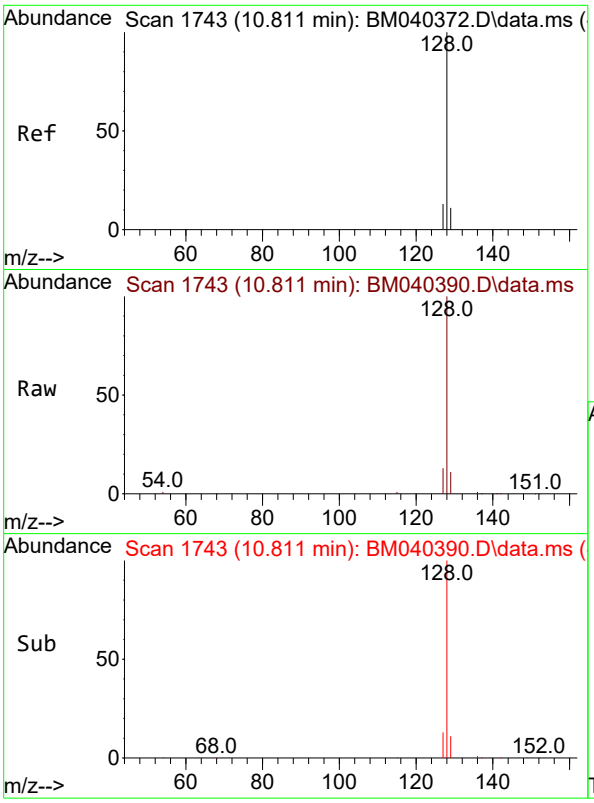


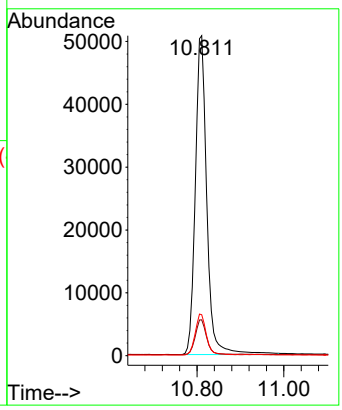


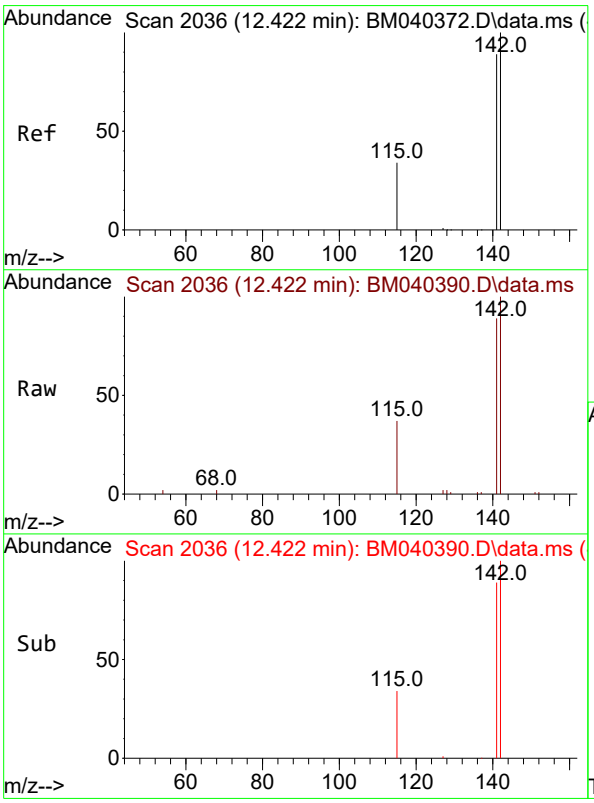
#5
Naphthalene
Concen: 0.988 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:128 Resp: 93955

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	12.8	10.6	15.8

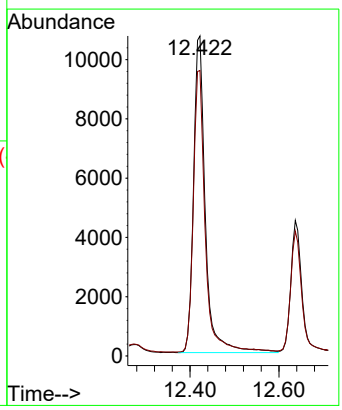


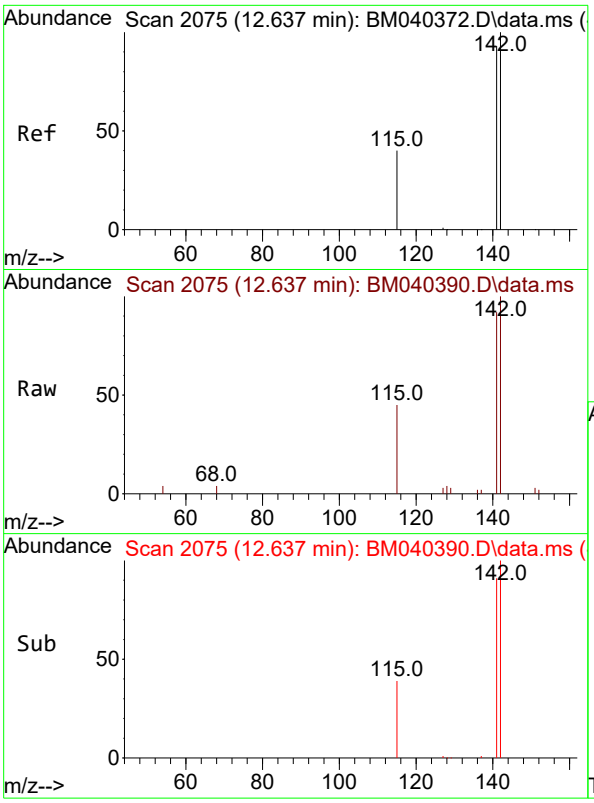


#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:142 Resp: 19682

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9



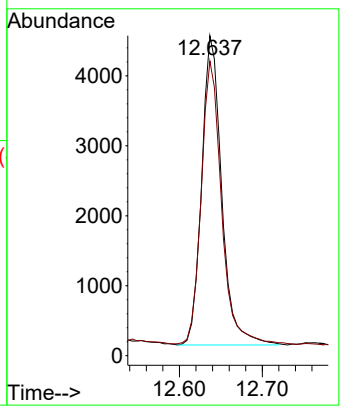


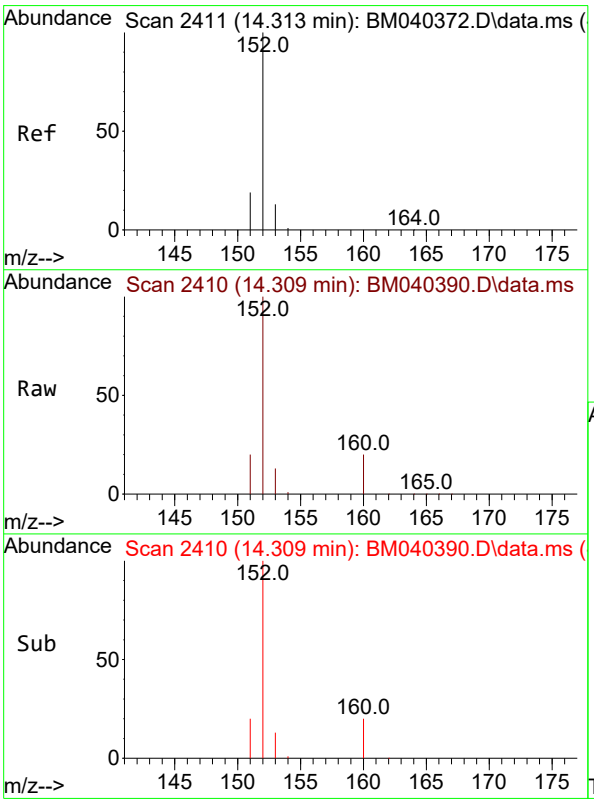
#8
1-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:142 Resp: 7415

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.7	110.5

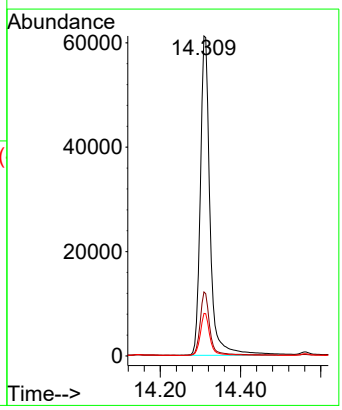


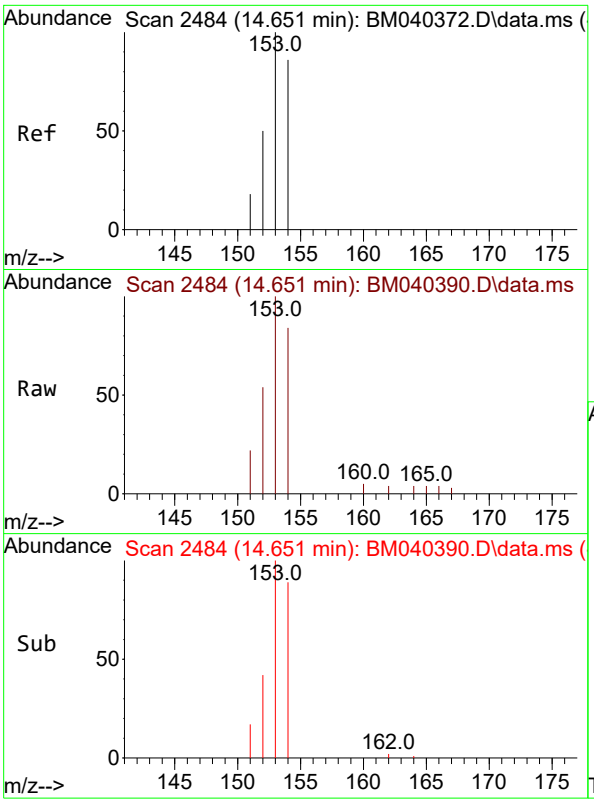


#10
Acenaphthylene
Concen: 1.355 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:152 Resp: 102970

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.3	10.9	16.3



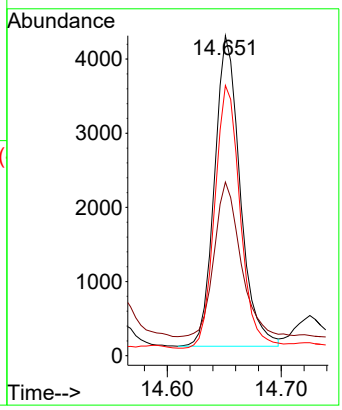


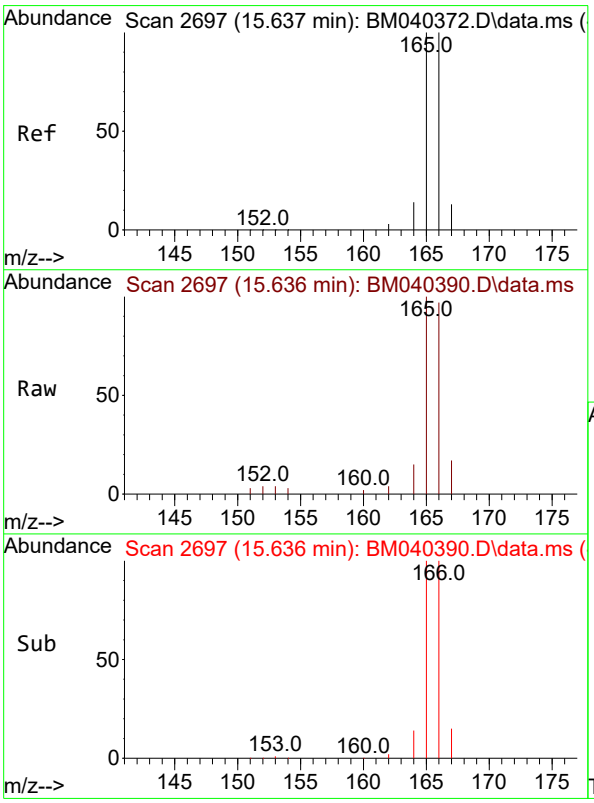
#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:153 Resp: 6524

Ion	Ratio	Lower	Upper
153	100		
152	54.3	41.0	61.4
154	84.5	70.8	106.2

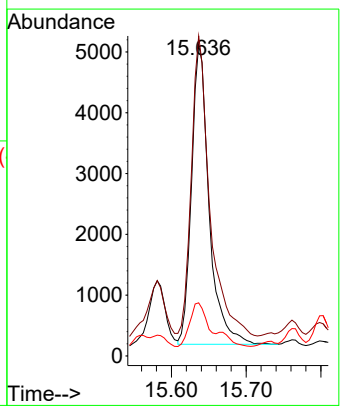


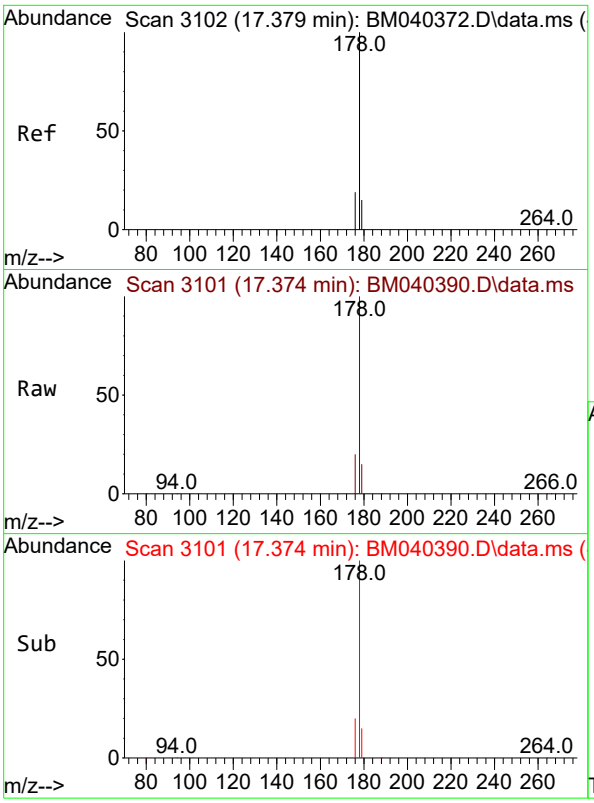


#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:166 Resp: 8013

Ion	Ratio	Lower	Upper
166	100		
165	102.8	79.6	119.4
167	17.1	11.4	17.0#



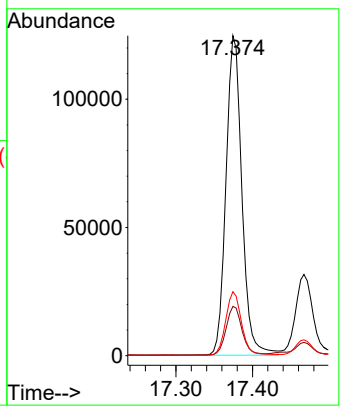


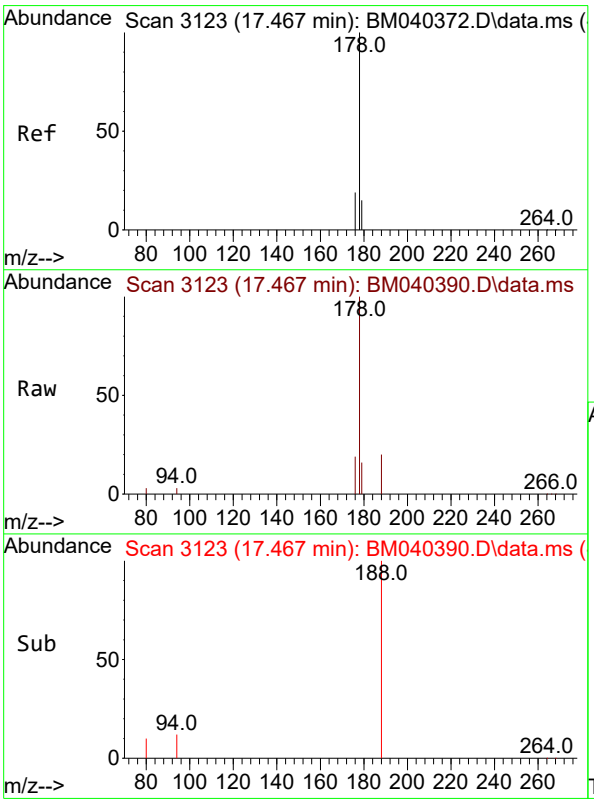
#15
Phenanthrene
Concen: 1.716 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:178 Resp: 179763

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	20.0	16.4	24.6

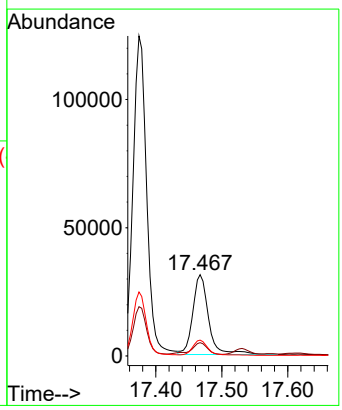


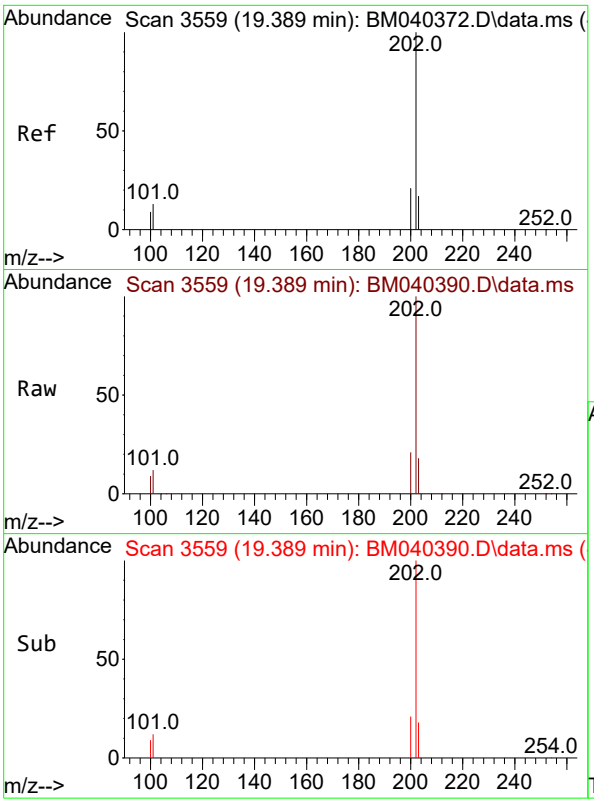


#16
Anthracene
Concen: 0.586 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:178 Resp: 51565

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.5	15.8	23.6



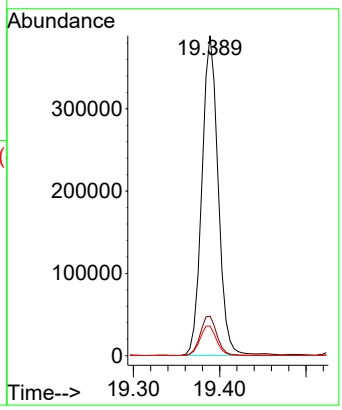


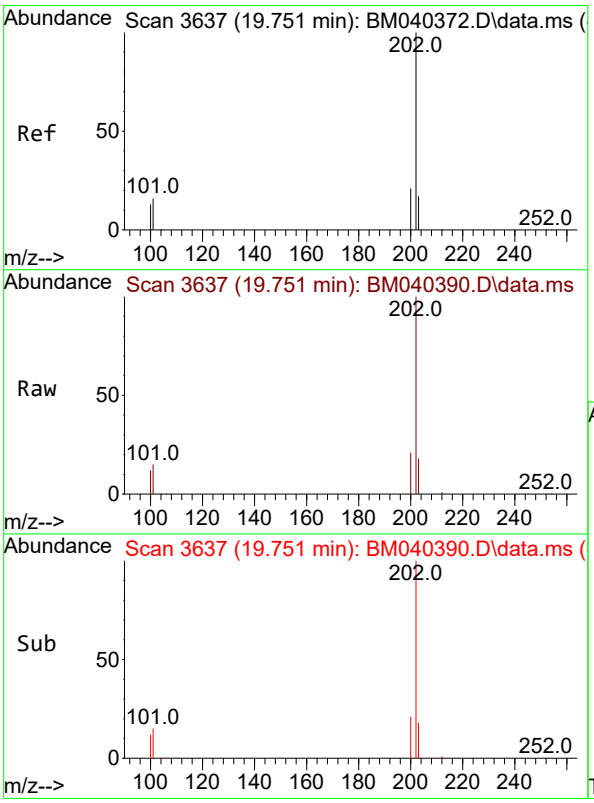
#19
Fluoranthene
Concen: 6.121 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:202 Resp: 508438

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.4	17.0
100	9.3	8.7	13.1

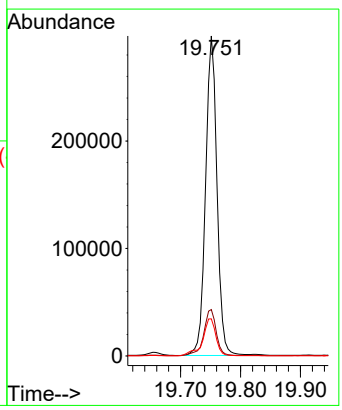


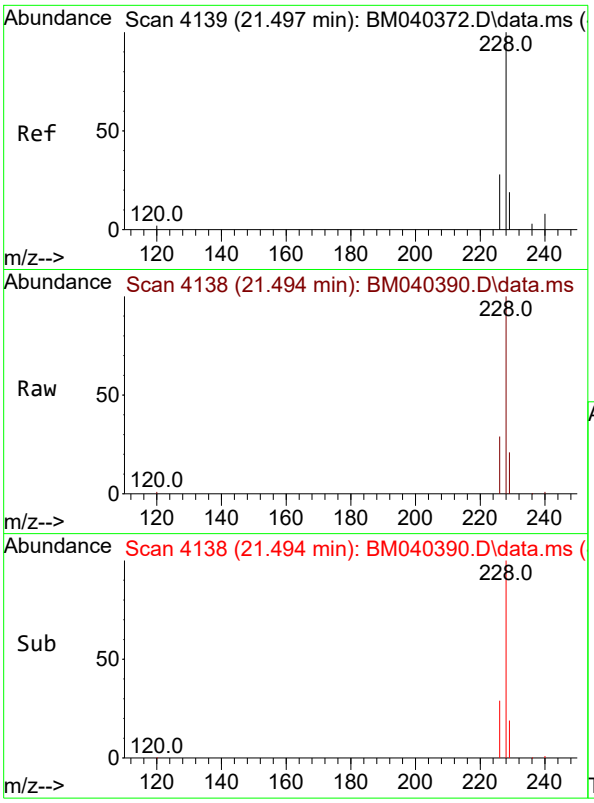


#20
Pyrene
Concen: 4.422 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:202 Resp: 393760

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.6	18.8
100	11.6	9.8	14.6



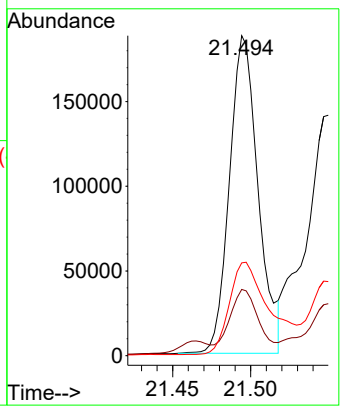


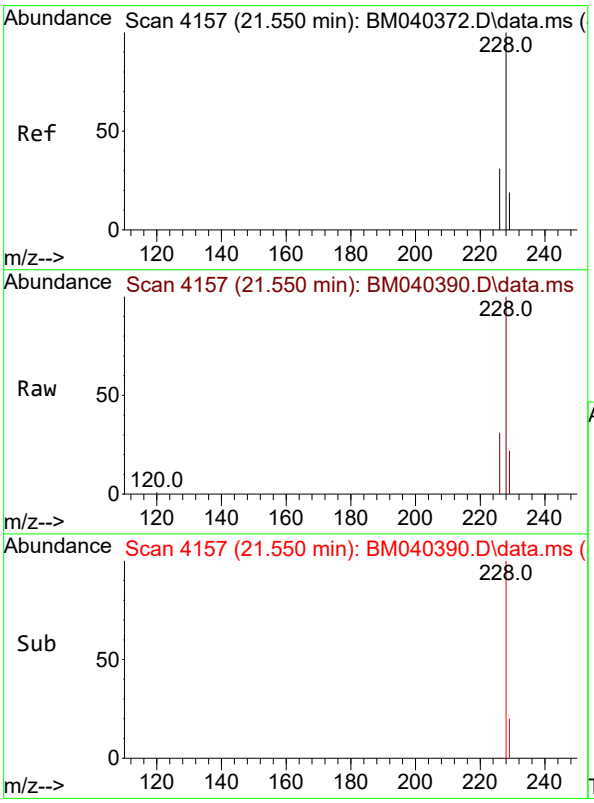
#21
Benzo(a)anthracene
Concen: 3.625 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:228 Resp: 239787

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	29.0	22.3	33.5

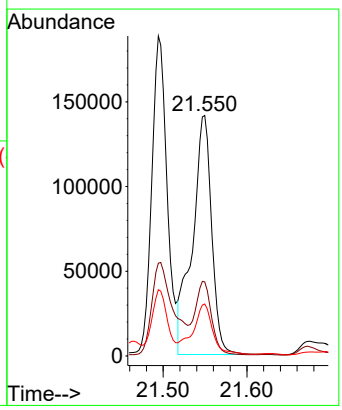


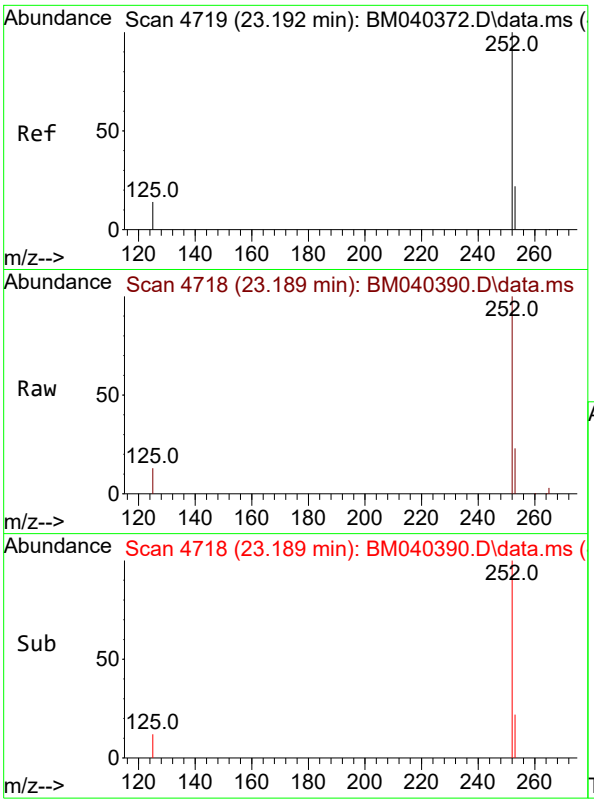


#22
Chrysene
Concen: 2.996 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:228 Resp: 226029

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.6	15.8	23.6



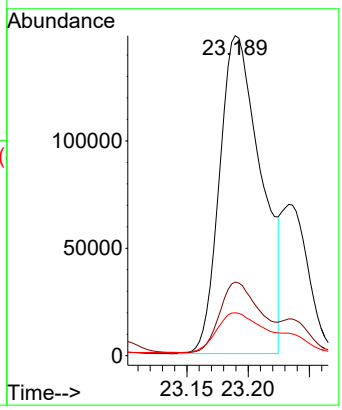


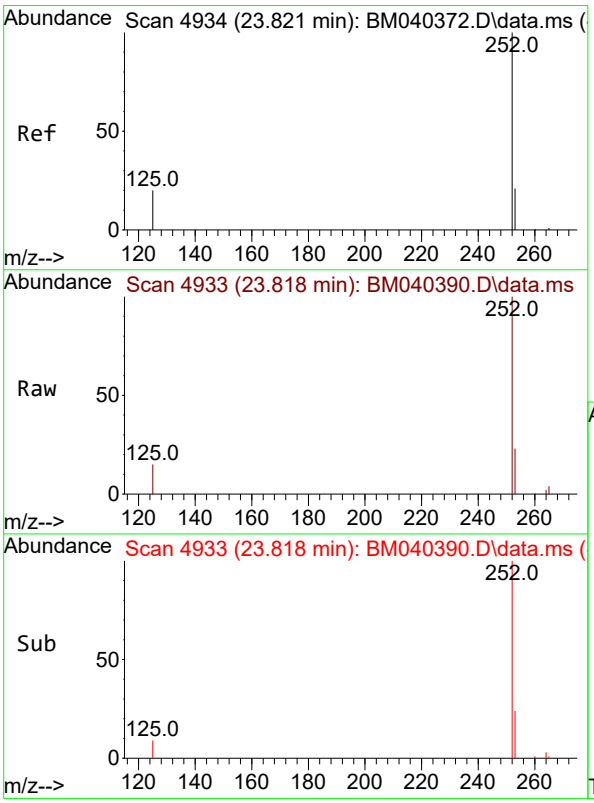
#24
Benzo(b)fluoranthene
Concen: 5.217 ng/ul
RT: 23.189 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:252 Resp: 348702

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	13.4	0.0	43.0

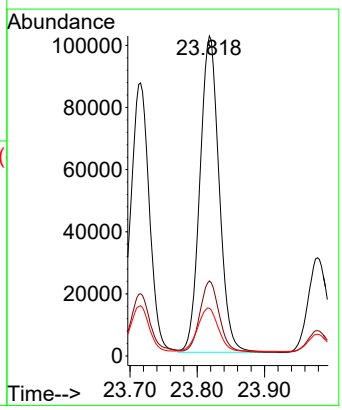


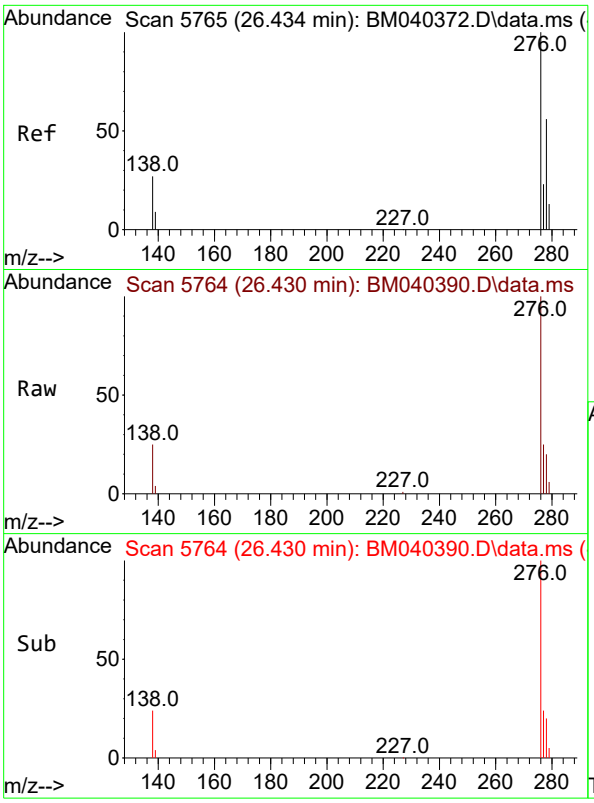


#26
Benzo(a)pyrene
Concen: 3.349 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:252 Resp: 201618

Ion	Ratio	Lower	Upper
252	100		
253	23.5	22.9	34.3
125	14.9	21.0	31.4#



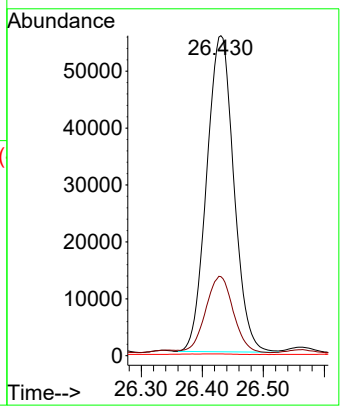


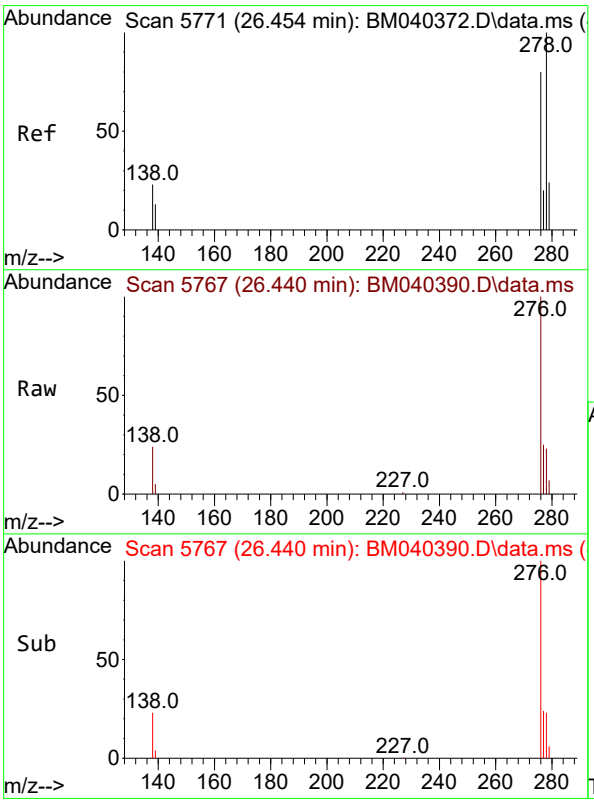
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.052 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:276 Resp: 172034

Ion	Ratio	Lower	Upper
276	100		
138	24.7	24.5	36.7
227	0.2	0.1	0.1#

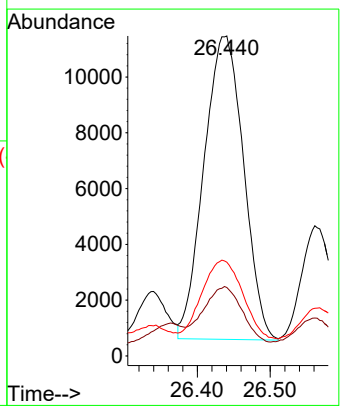


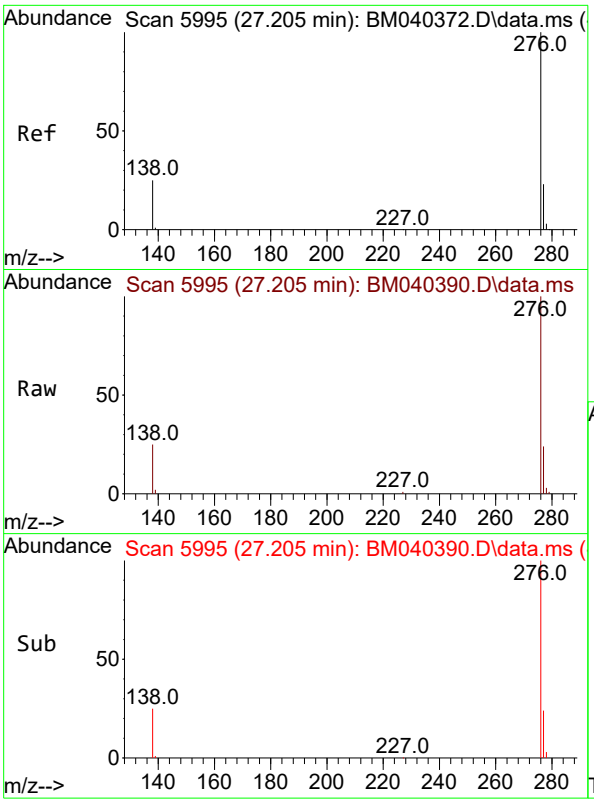


#28
Dibenzo(a,h)anthracene
Concen: 0.625 ng/ul
RT: 26.440 min Scan# 5767
Delta R.T. -0.014 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:278 Resp: 41060

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.9	26.9
279	29.3	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 2.143 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :
BNA_M
ClientSampleId :
DCFN1DL

Tgt Ion:276 Resp: 157472

Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.0	34.6
277	24.3	20.3	30.5