Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040415.D
Acq On : 26 Jun 2023 23:30
Operator : MA/JU
Sample : 03084-17DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Quant Time: Jun 27 04:28:14 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	7.945	152	7756	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	26605	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	11335	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	18663	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11987	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13414	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7136	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1546	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1823	0.047	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	23731	0.323	ng/ul	99
7) 2-Methylnaphthalene	12.417	142	10014	0.232	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	6083	0.141	ng/ul	100
10) Acenaphthylene	14.309	152	12670	0.250	ng/ul	96
11) Acenaphthene	14.651	153	1223	0.029	ng/ul#	91
12) Fluorene	15.637	166	1550	0.034	ng/ul#	87
15) Phenanthrene	17.375	178	44040	0.760	ng/ul	99
16) Anthracene	17.463	178	10618	0.218	ng/ul	96
19) Fluoranthene	19.389	202	115469	2.268	ng/ul	95
20) Pyrene	19.751	202	91125	1.669	ng/ul	98
21) Benzo(a)anthracene	21.494	228	54473	1.343	ng/ul	97
22) Chrysene	21.550	228	60996	1.319	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	97151	1.871	ng/ul	93
26) Benzo(a)pyrene	23.818	252	57931	1.239	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.430	276	53034	0.814	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.441	278	13250	0.260	ng/ul#	82
29) Benzo(g,h,i)perylene	27.212	276	53664	0.940	ng/ul	97

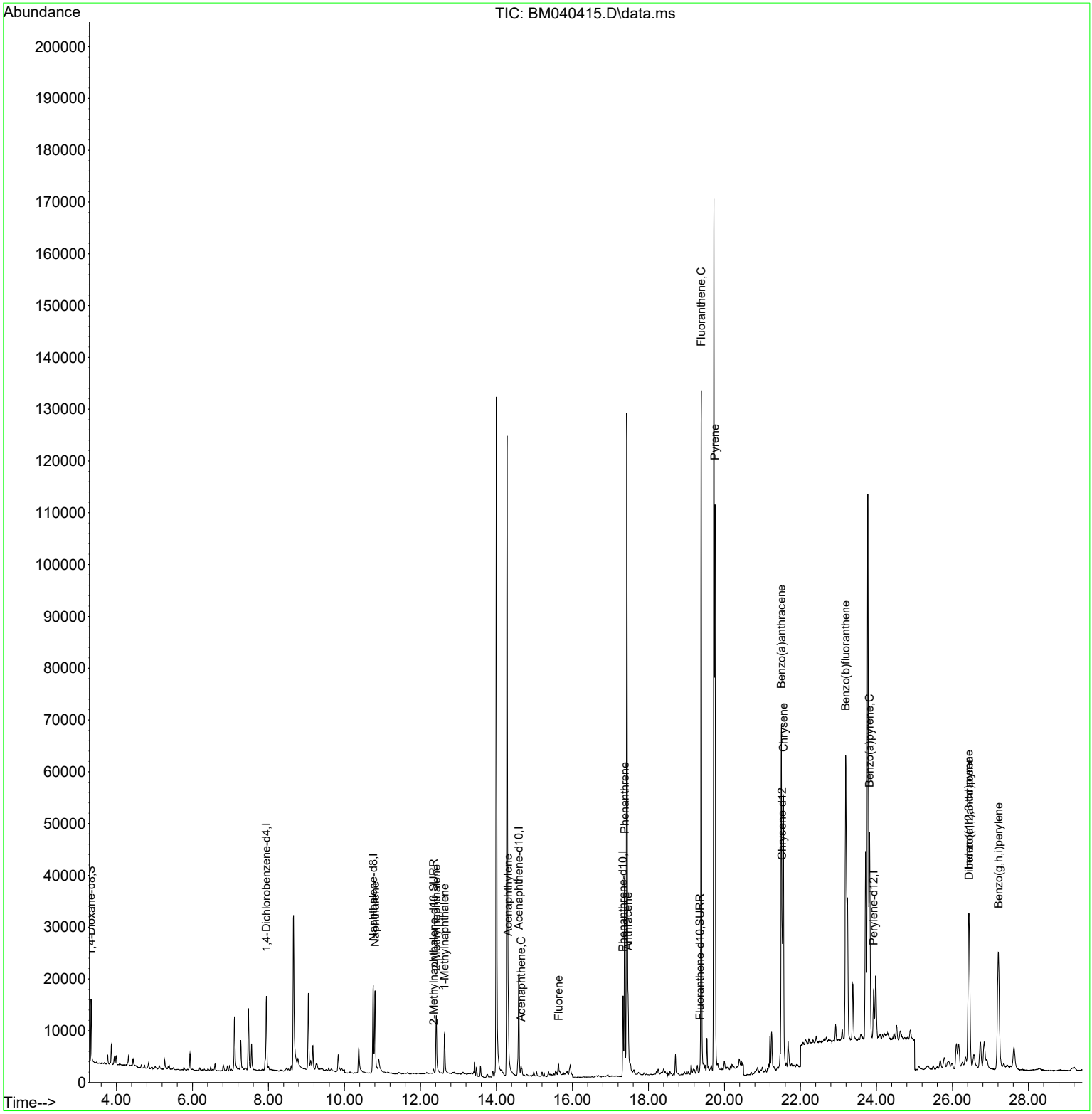
(#) = qualifier out of range (m) = manual integration (+) = signals summed

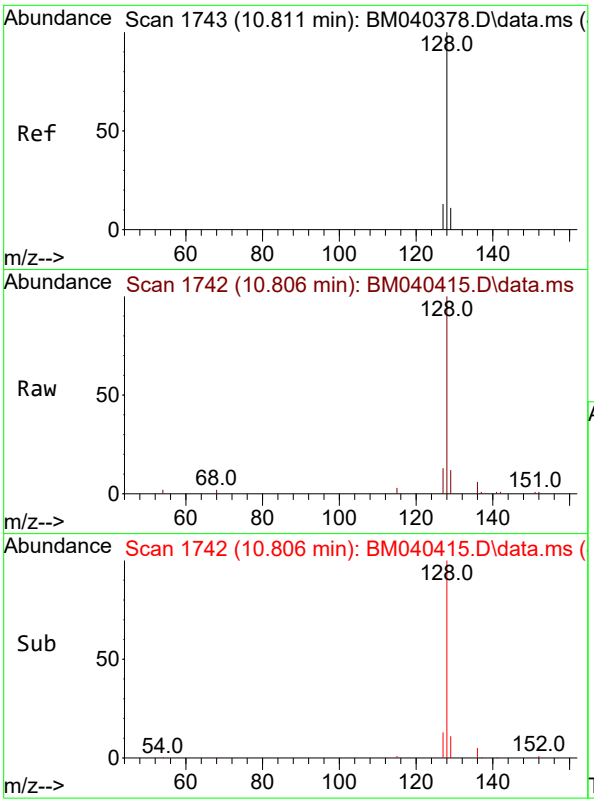
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040415.D
Acq On : 26 Jun 2023 23:30
Operator : MA/JU
Sample : 03084-17DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Quant Time: Jun 27 04:28:14 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



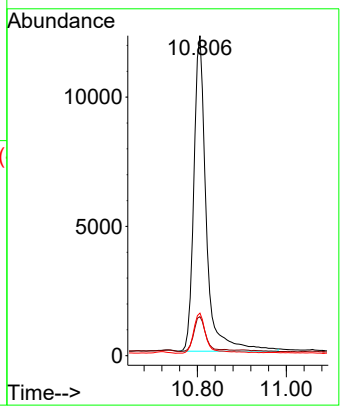


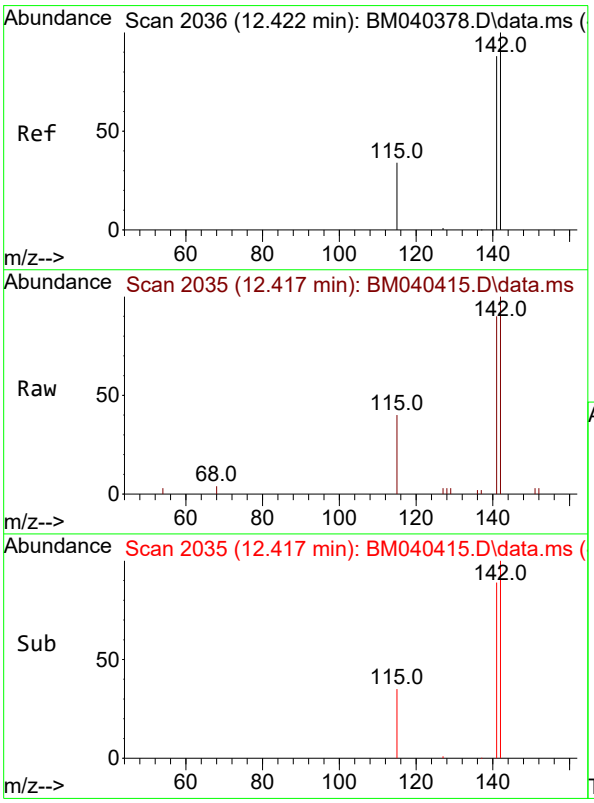
#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:128 Resp: 23731

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

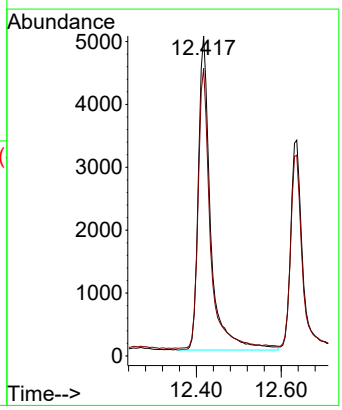


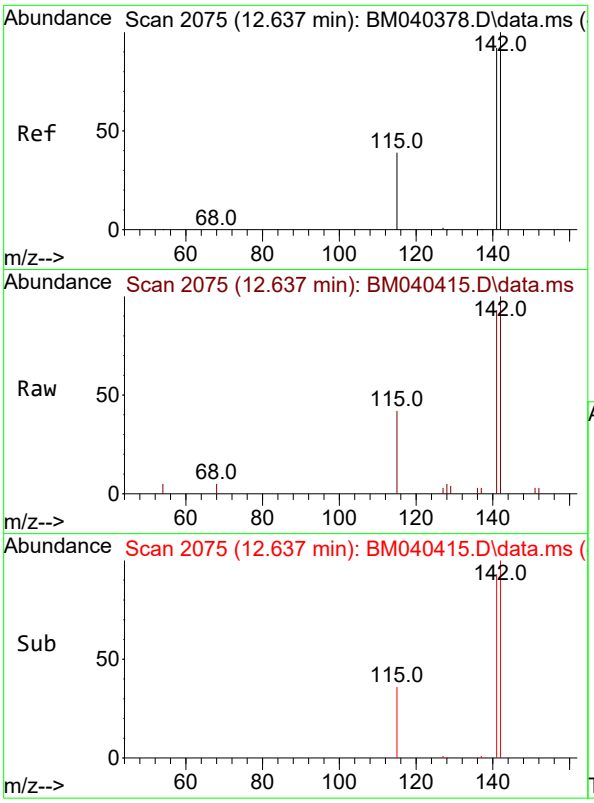


#7
2-Methylnaphthalene
Concen: 0.232 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:142 Resp: 10014

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9



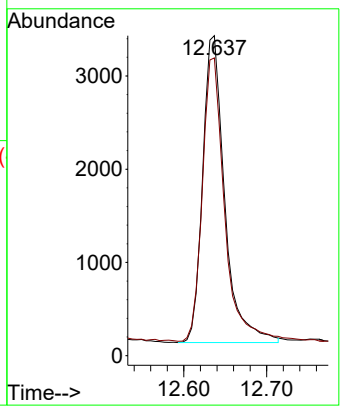


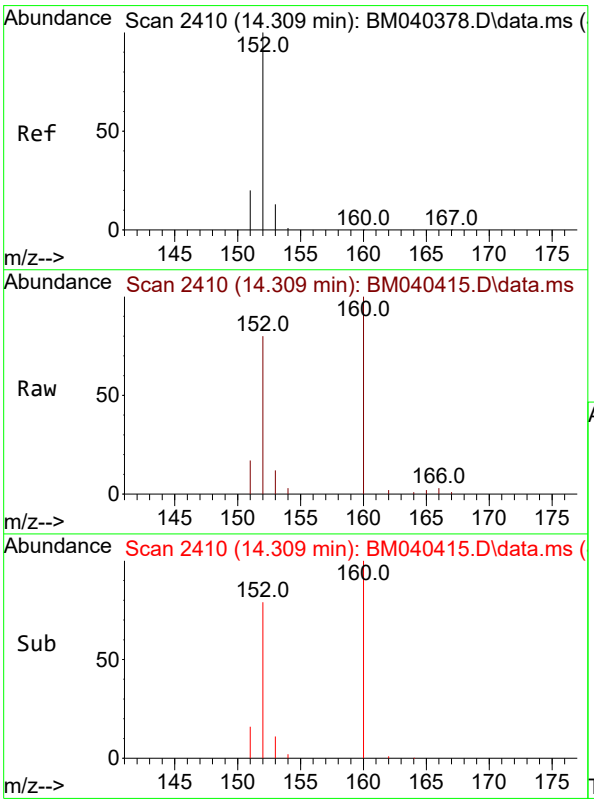
#8
1-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:142 Resp: 6083

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5

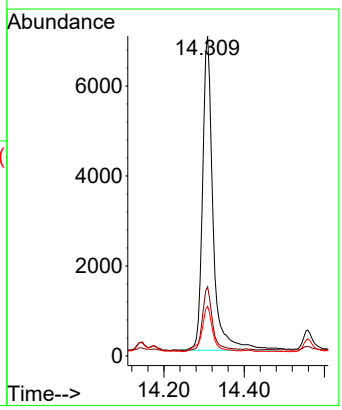


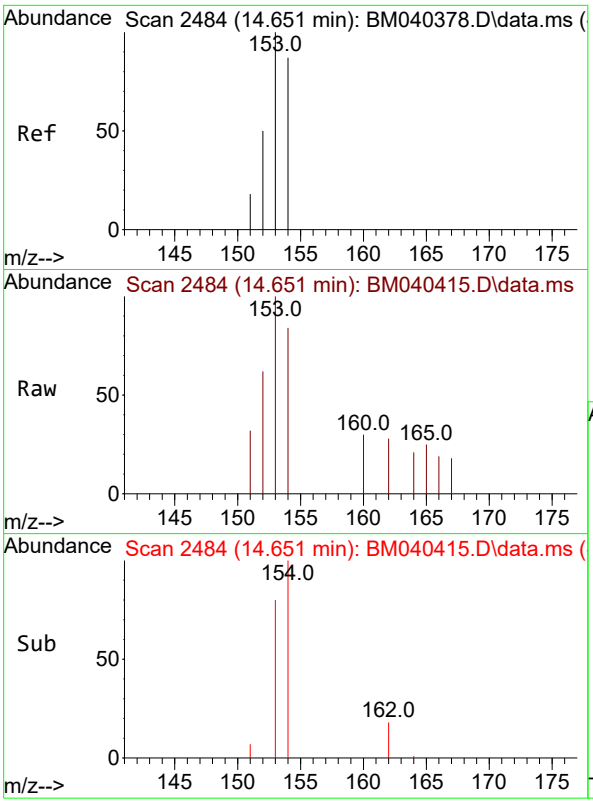


#10
Acenaphthylene
Concen: 0.250 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:152 Resp: 12670

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2
153	15.5	10.9	16.3



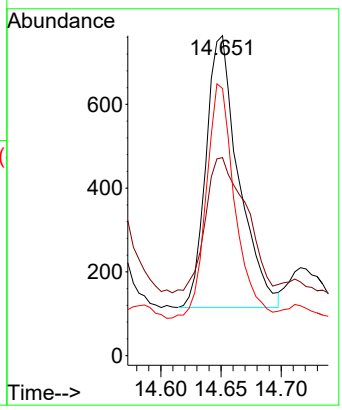


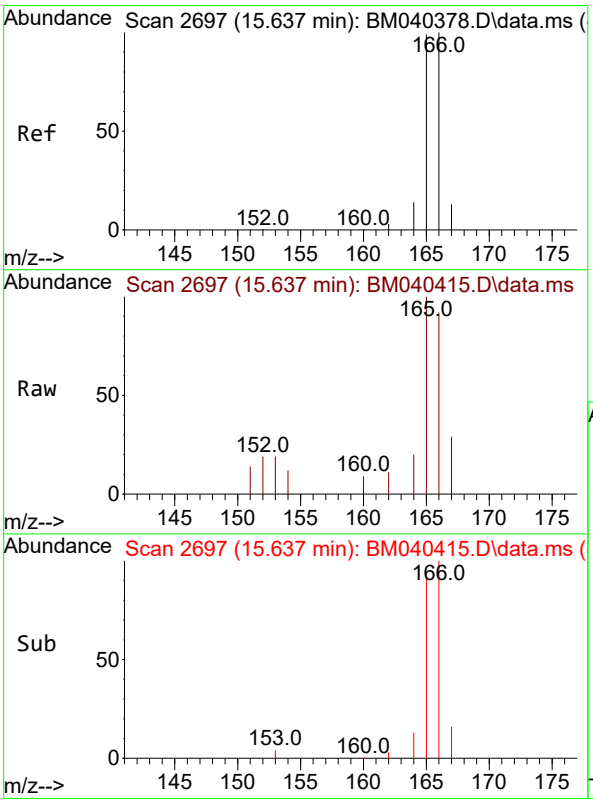
#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:153 Resp: 1223

Ion	Ratio	Lower	Upper
153	100		
152	61.9	41.0	61.4#
154	83.5	70.8	106.2

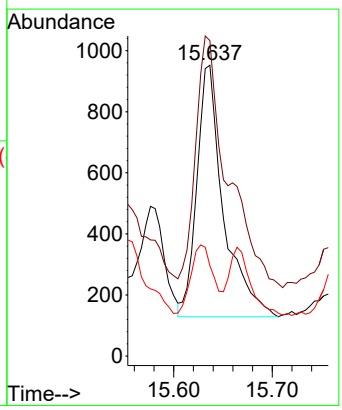


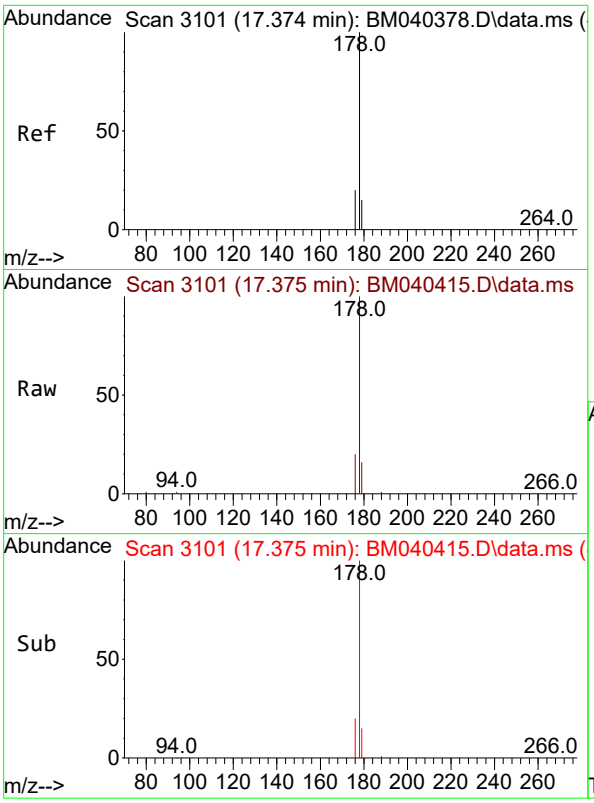


#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:166 Resp: 1550

Ion	Ratio	Lower	Upper
166	100		
165	108.5	79.6	119.4
167	31.1	11.4	17.0#



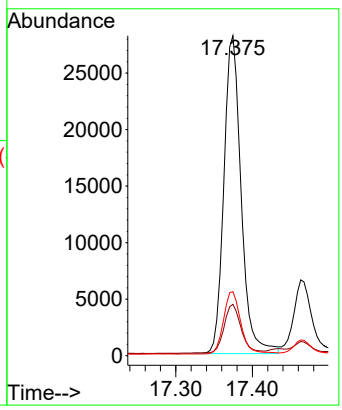


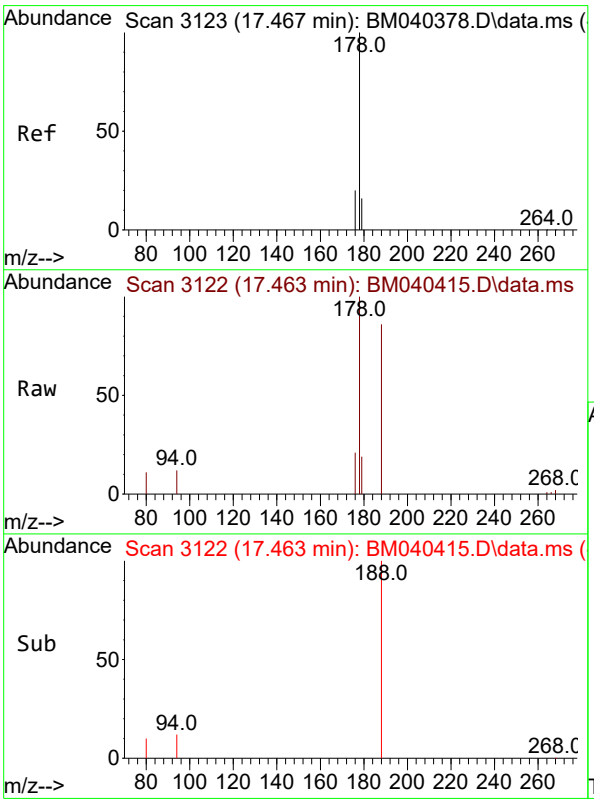
#15
Phenanthrene
Concen: 0.760 ng/ul
RT: 17.375 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:178 Resp: 44040

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	20.0	16.4	24.6

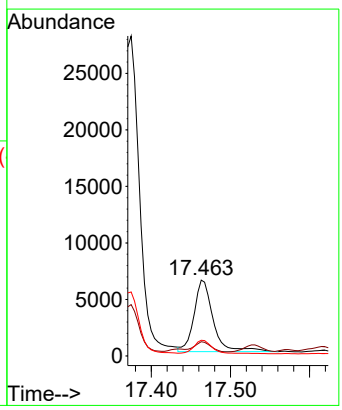


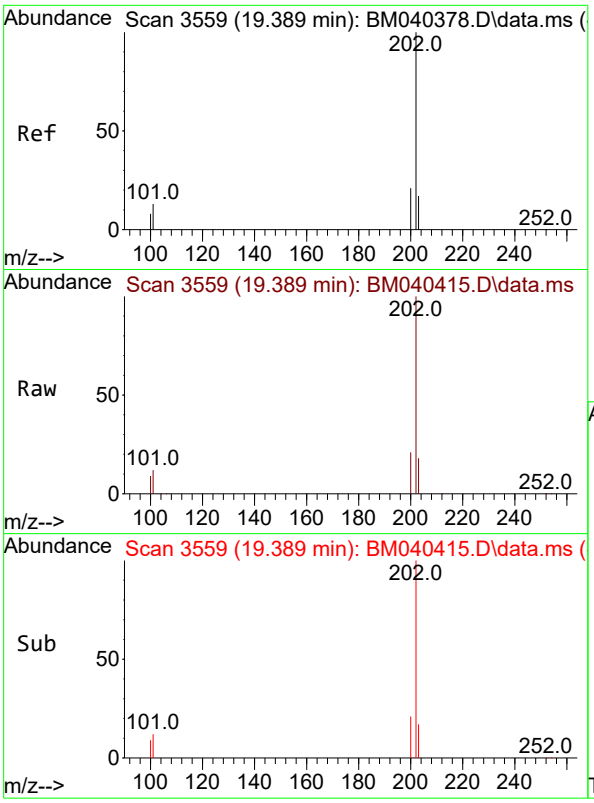


#16
Anthracene
Concen: 0.218 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:178 Resp: 10618

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.9	19.3
176	20.7	15.8	23.6



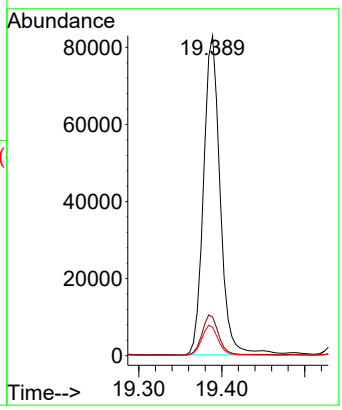


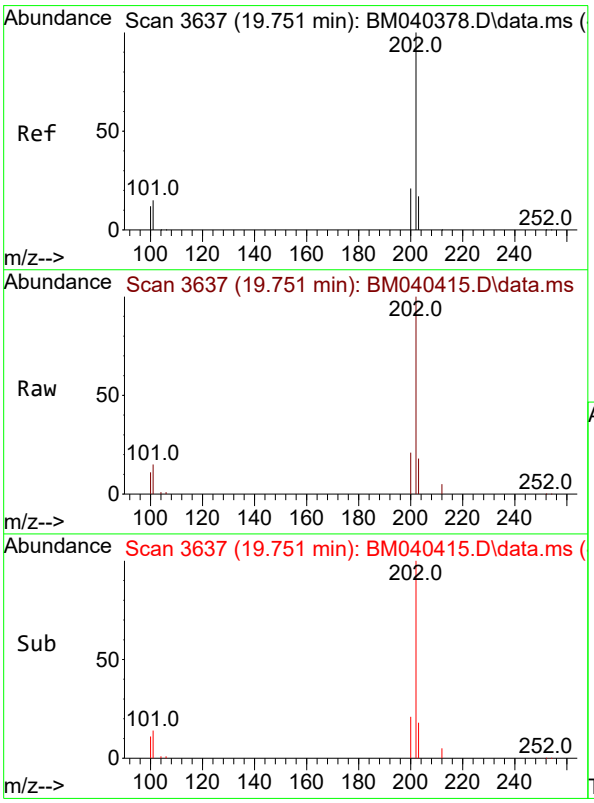
#19
Fluoranthene
Concen: 2.268 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:202 Resp: 115469

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.4	17.0
100	8.8	8.7	13.1

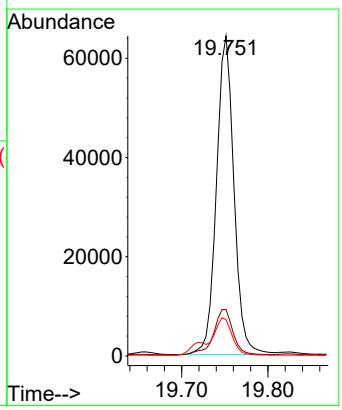


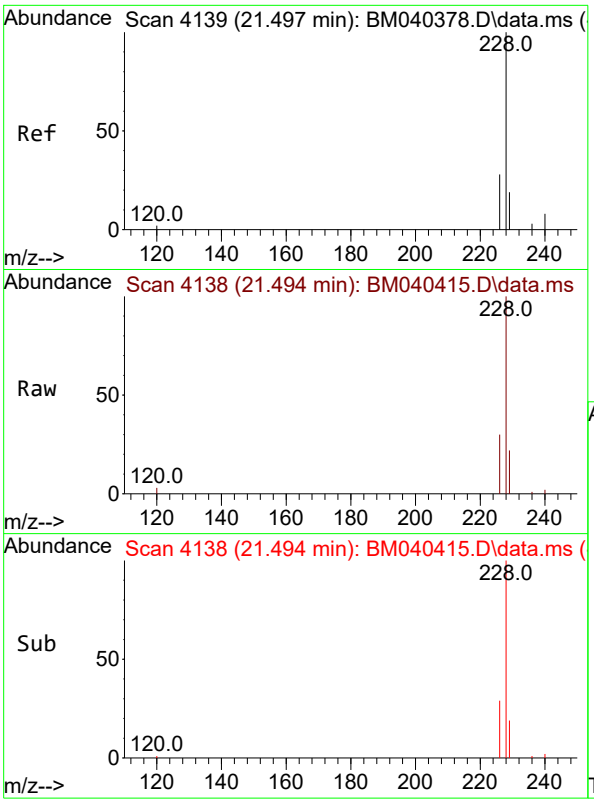


#20
Pyrene
Concen: 1.669 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:202 Resp: 91125

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.6	18.8
100	11.4	9.8	14.6



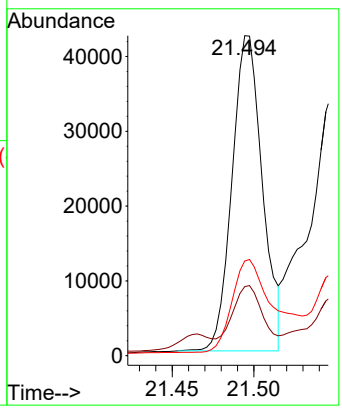


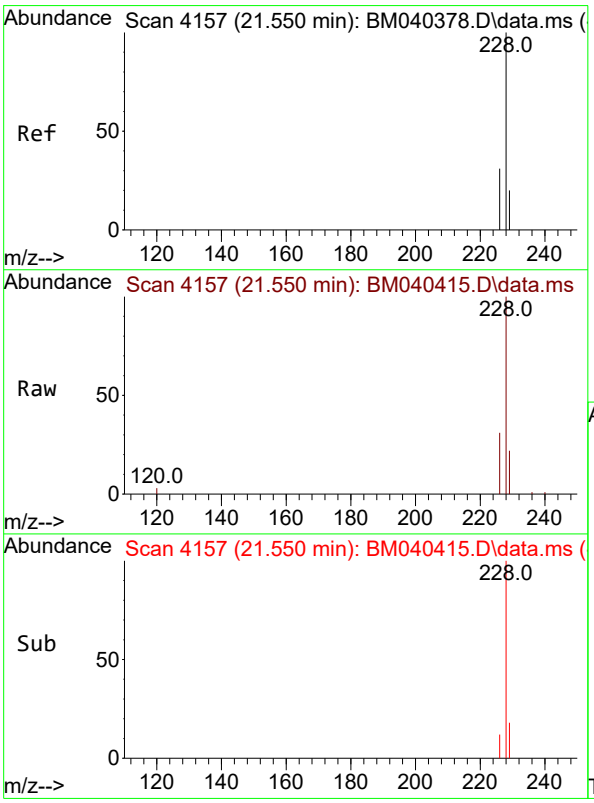
#21
Benzo(a)anthracene
Concen: 1.343 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:228 Resp: 54473

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.0	24.0
226	29.6	22.3	33.5

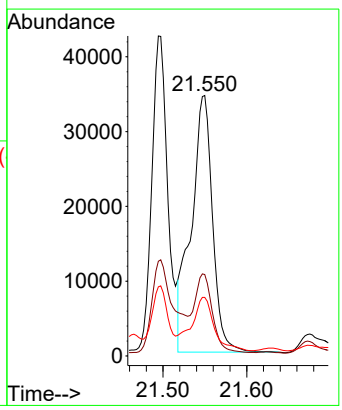


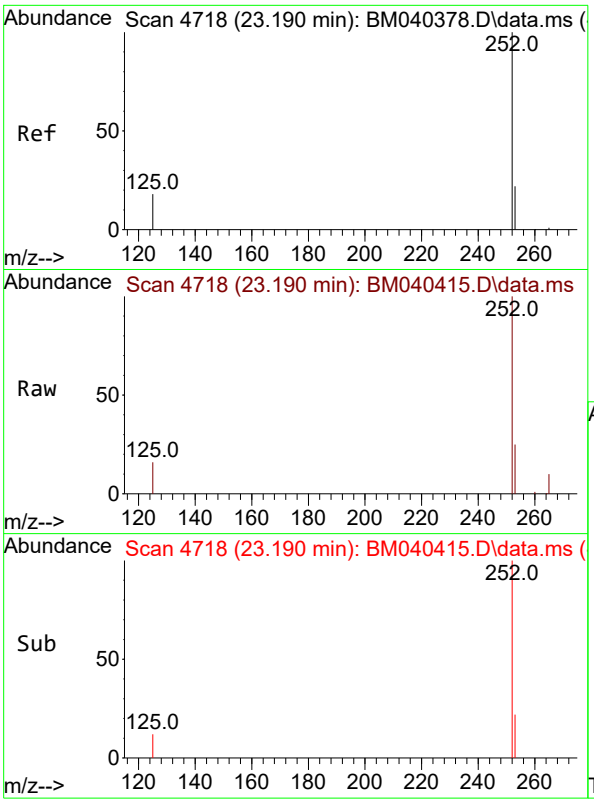


#22
Chrysene
Concen: 1.319 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:228 Resp: 60996

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	22.5	15.8	23.6



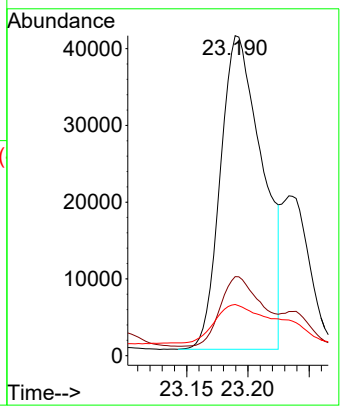


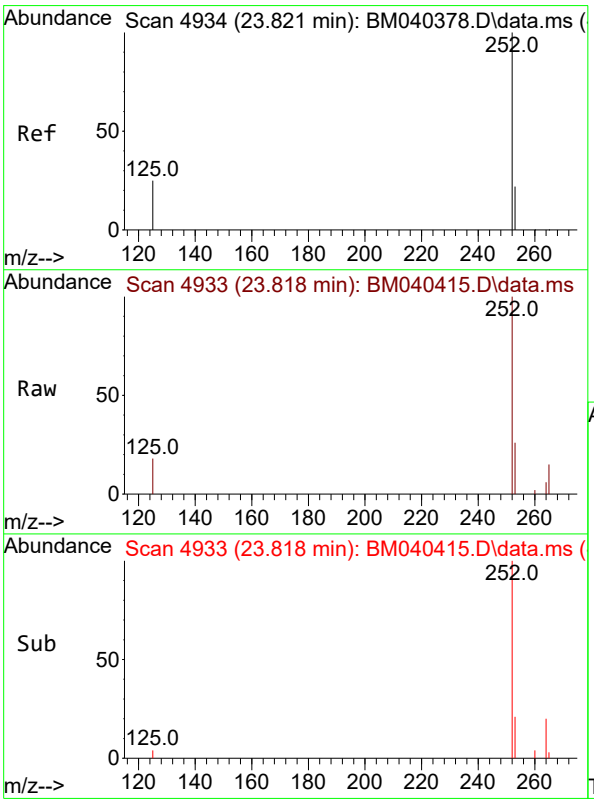
#24
Benzo(b)fluoranthene
Concen: 1.871 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:252 Resp: 97151

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	52.8
125	16.0	0.0	43.0

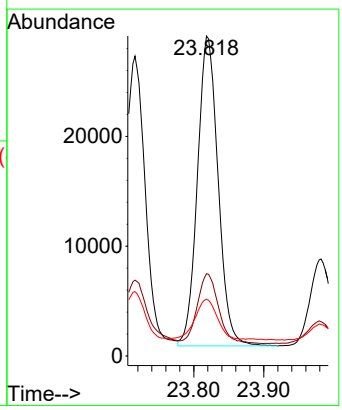


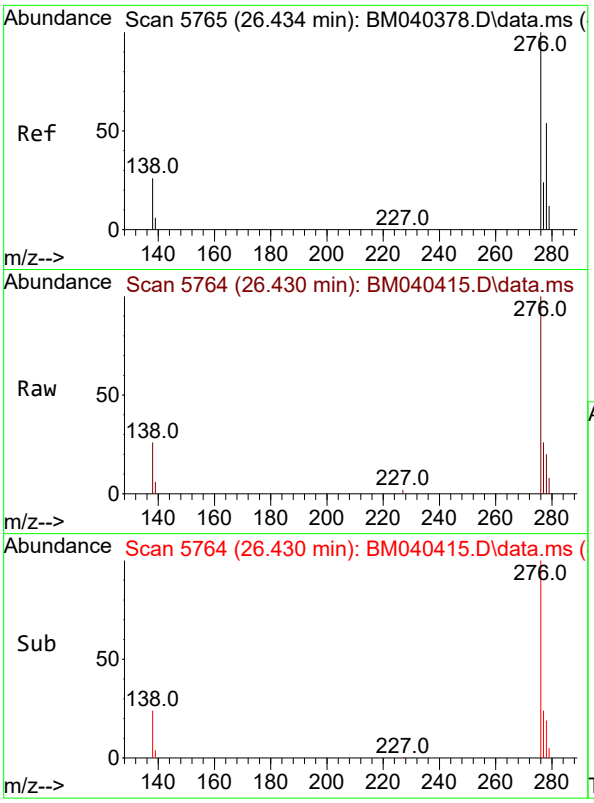


#26
Benzo(a)pyrene
Concen: 1.239 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:252 Resp: 57931

Ion	Ratio	Lower	Upper
252	100		
253	25.7	22.9	34.3
125	17.7	21.0	31.4#



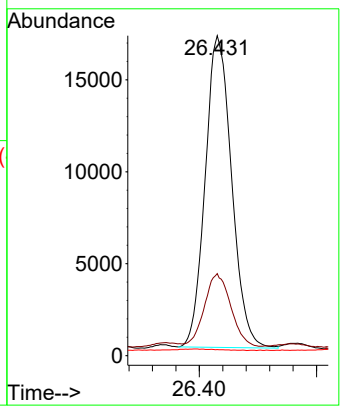


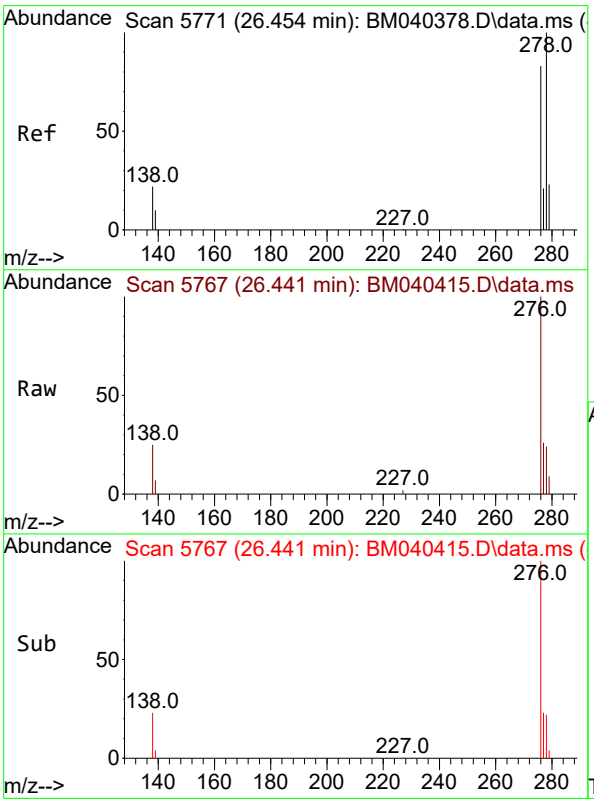
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.814 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:276 Resp: 53034

Ion	Ratio	Lower	Upper
276	100		
138	23.6	24.5	36.7#
227	0.0	0.1	0.1#

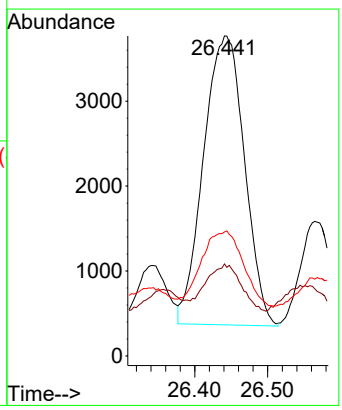


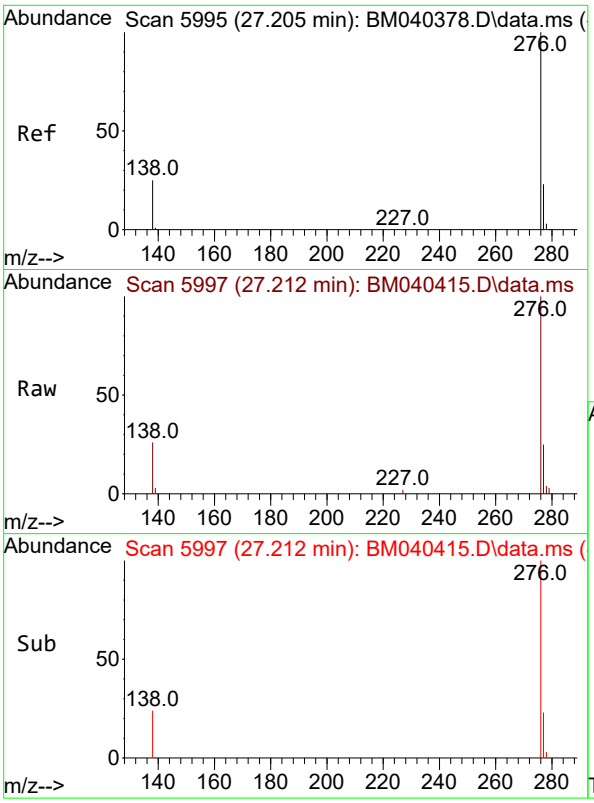


#28
Dibenzo(a,h)anthracene
Concen: 0.260 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Tgt Ion:278 Resp: 13250

Ion	Ratio	Lower	Upper
278	100		
139	28.8	17.9	26.9#
279	38.7	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.940 ng/ul
RT: 27.212 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040415.D
Acq: 26 Jun 2023 23:30

Instrument :
BNA_M
ClientSampleId :
DCFN4DL

Tgt Ion:276 Resp: 53664

Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.0	34.6
277	25.2	20.3	30.5