Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040416.D
Acq On : 27 Jun 2023 00:07
Operator : MA/JU
Sample : 03084-18DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Quant Time: Jun 27 04:28:25 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	8538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	29535	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	13337	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	23340	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13021	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13608	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6287	0.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1547	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1854	0.044	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	7569	0.093	ng/ul#	94
7) 2-Methylnaphthalene	12.417	142	5200	0.109	ng/ul	96
8) 1-Methylnaphthalene	12.631	142	3023	0.063	ng/ul	99
10) Acenaphthylene	14.304	152	12969	0.218	ng/ul	98
15) Phenanthrene	17.375	178	23226	0.320	ng/ul	99
16) Anthracene	17.463	178	5549	0.091	ng/ul#	93
19) Fluoranthene	19.389	202	76876	1.390	ng/ul	96
20) Pyrene	19.752	202	65128	1.098	ng/ul	97
21) Benzo(a)anthracene	21.494	228	33770	0.767	ng/ul	95
22) Chrysene	21.547	228	40498	0.806	ng/ul	96
24) Benzo(b)fluoranthene	23.190	252	56851	1.080	ng/ul	97
26) Benzo(a)pyrene	23.818	252	31495	0.664	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.427	276	28849	0.437	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	7281	0.141	ng/ul#	71
29) Benzo(g,h,i)perylene	27.205	276	27754	0.479	ng/ul	99

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

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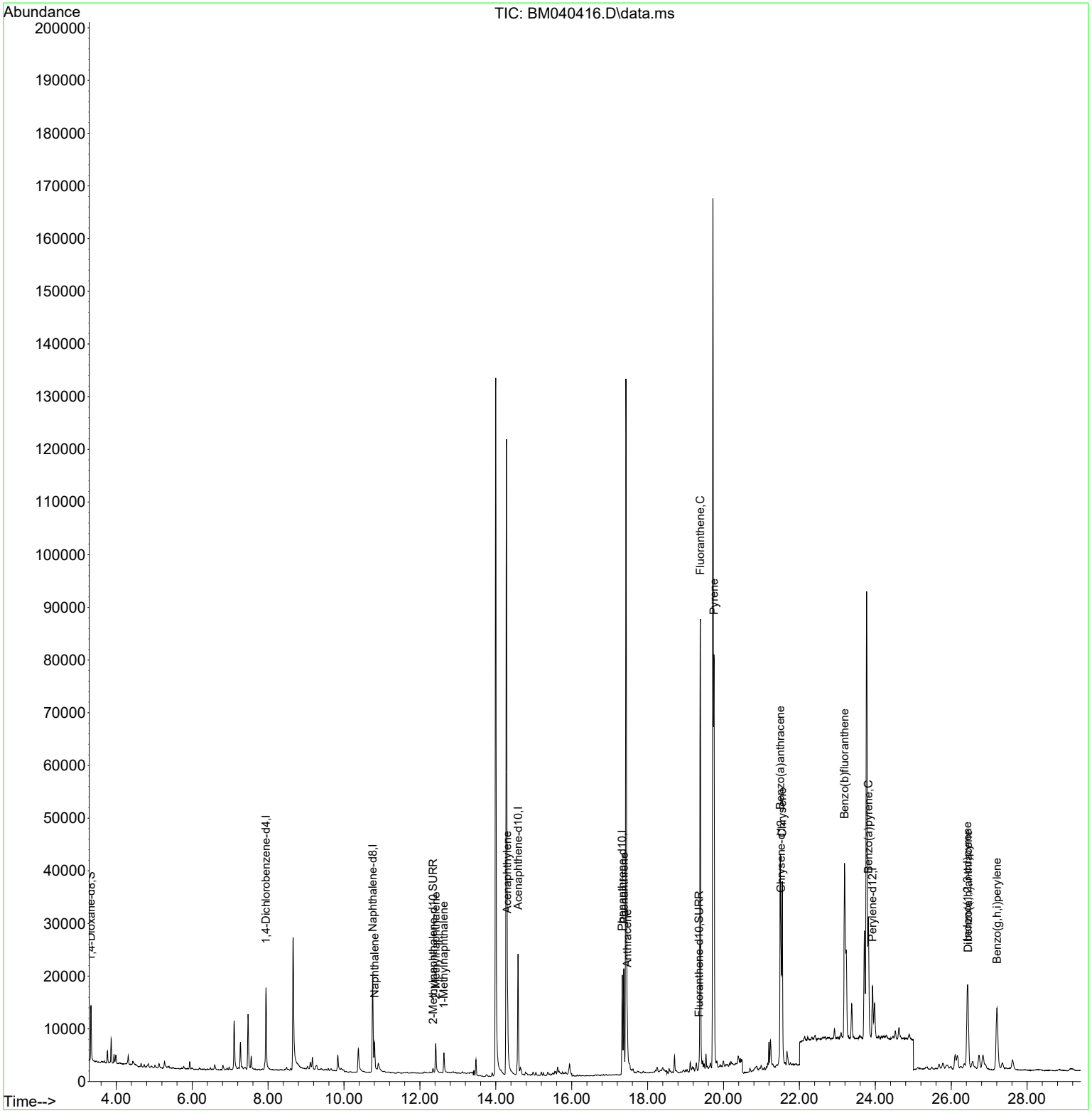
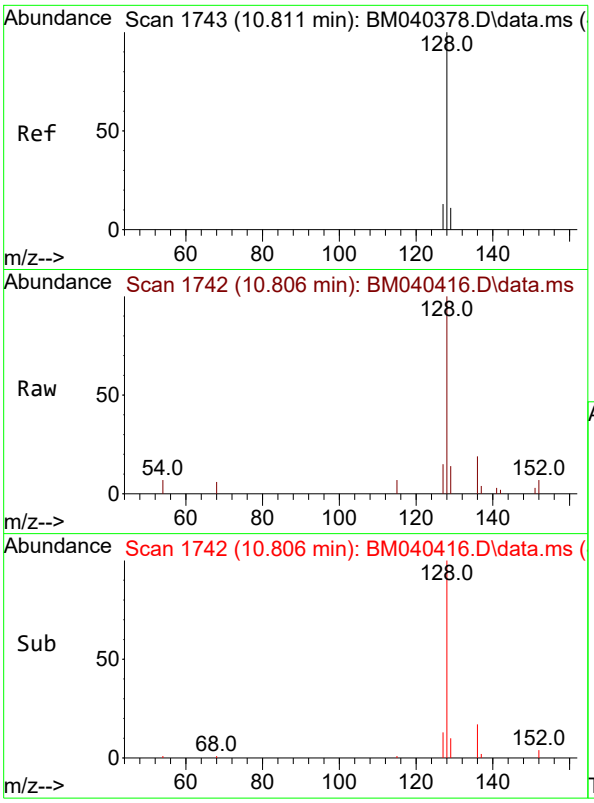


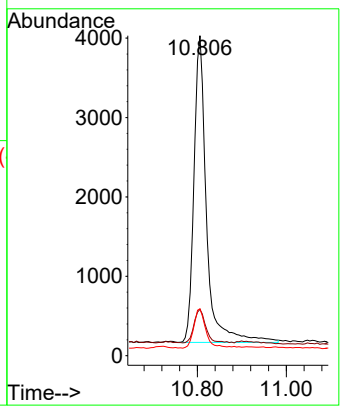


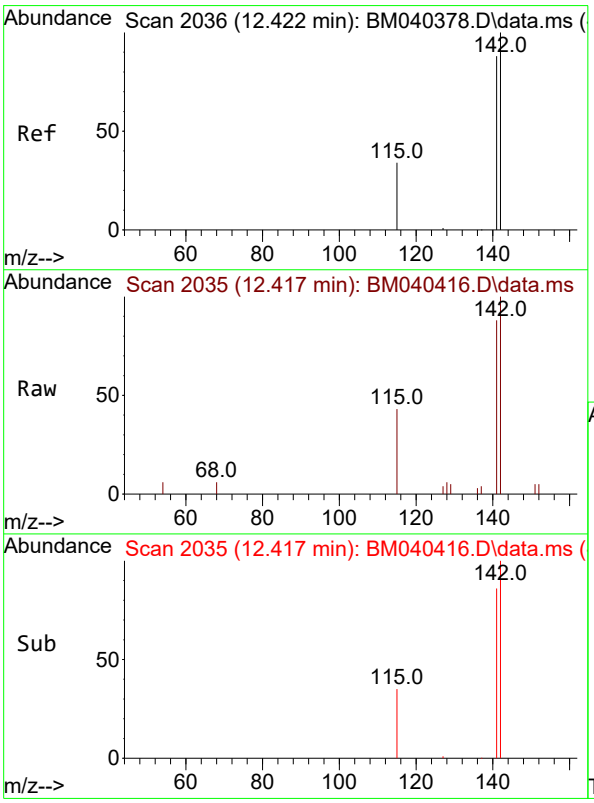
#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:128 Resp: 7569

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.2	13.8#
127	14.6	10.6	15.8

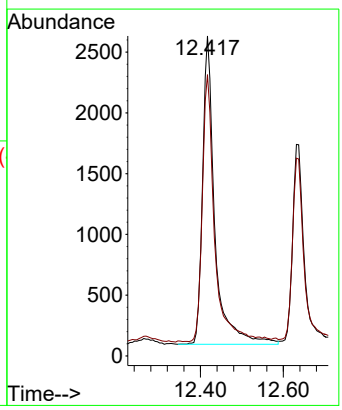


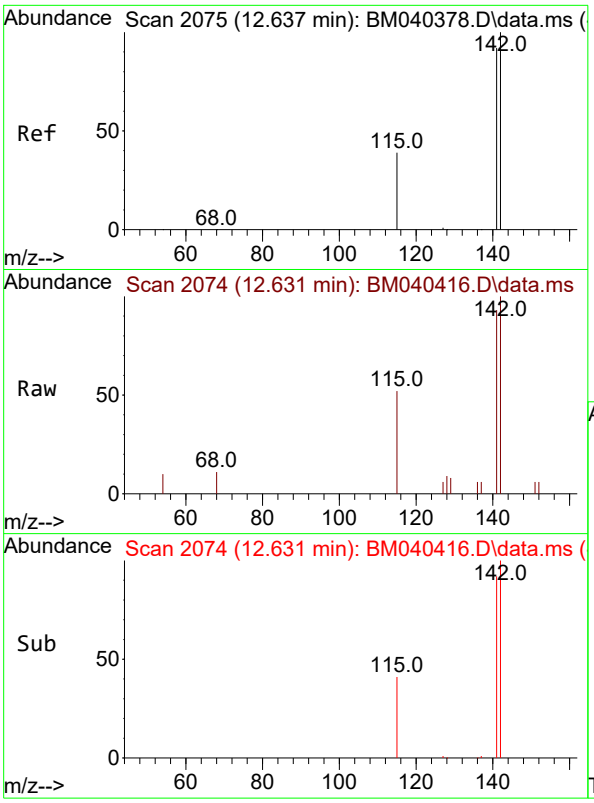


#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:142 Resp: 5200

Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.9	107.9



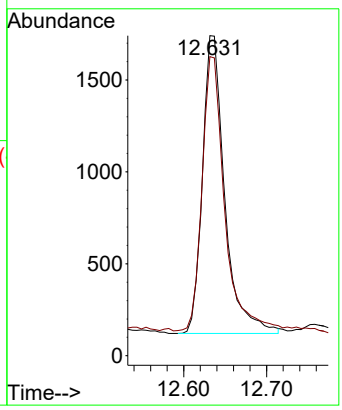


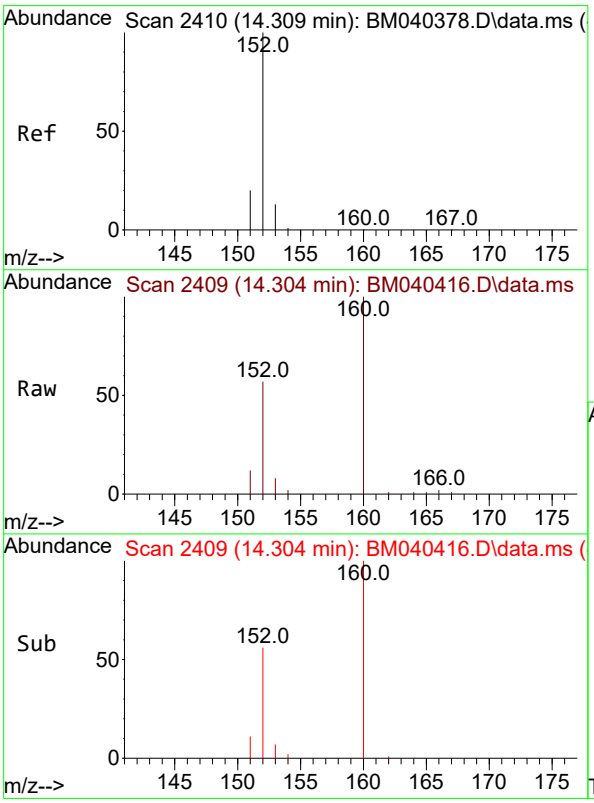
#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.631 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:142 Resp: 3023

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.7	110.5

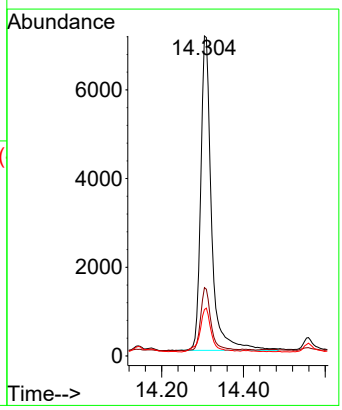


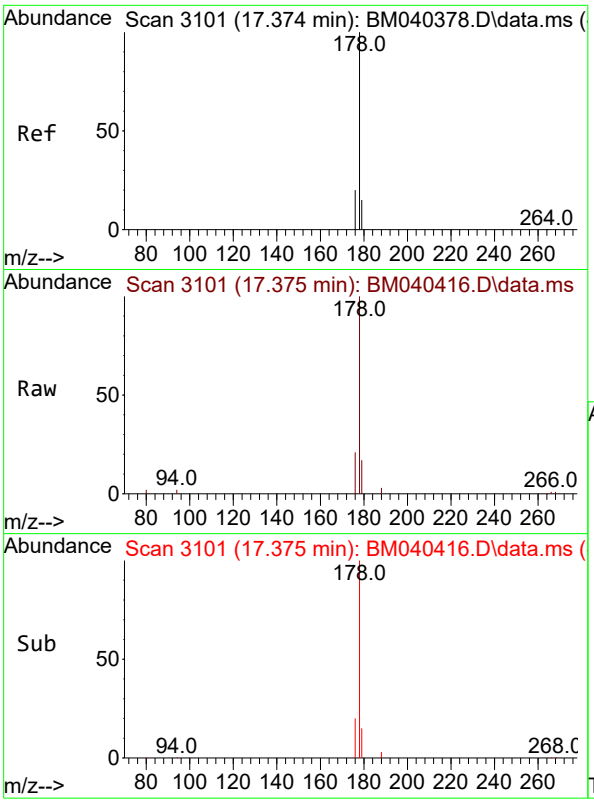


#10
Acenaphthylene
Concen: 0.218 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:152 Resp: 12969

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.2
153	14.5	10.9	16.3



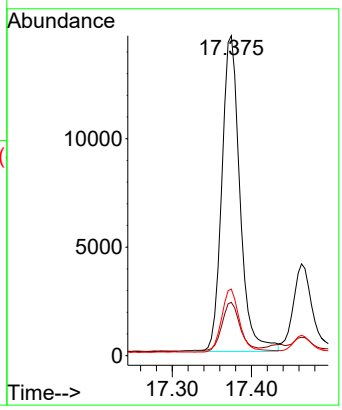


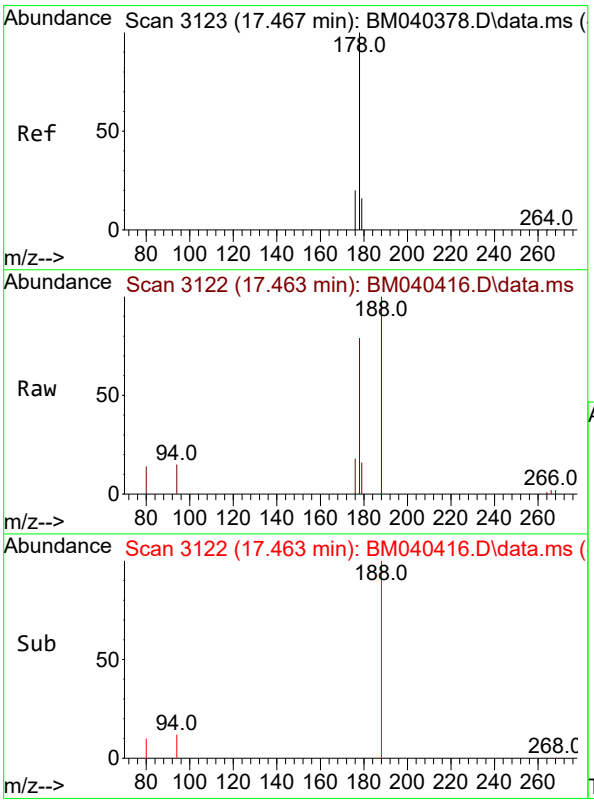
#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.375 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:178 Resp: 23226

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.8	19.2
176	20.8	16.4	24.6

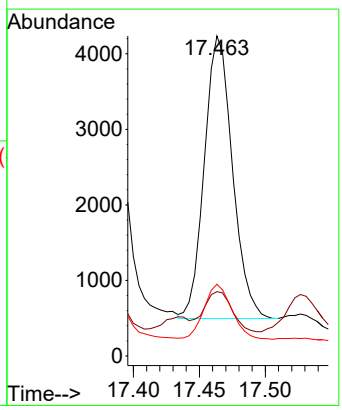


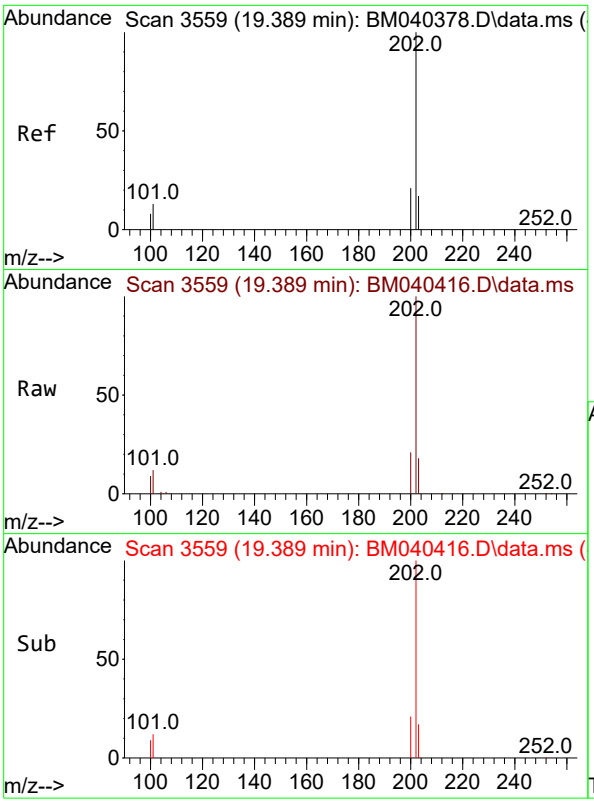


#16
Anthracene
Concen: 0.091 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:178 Resp: 5549

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.9	19.3#
176	22.4	15.8	23.6



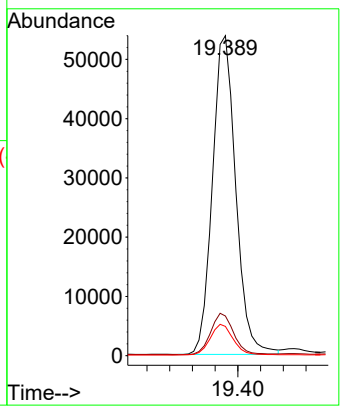


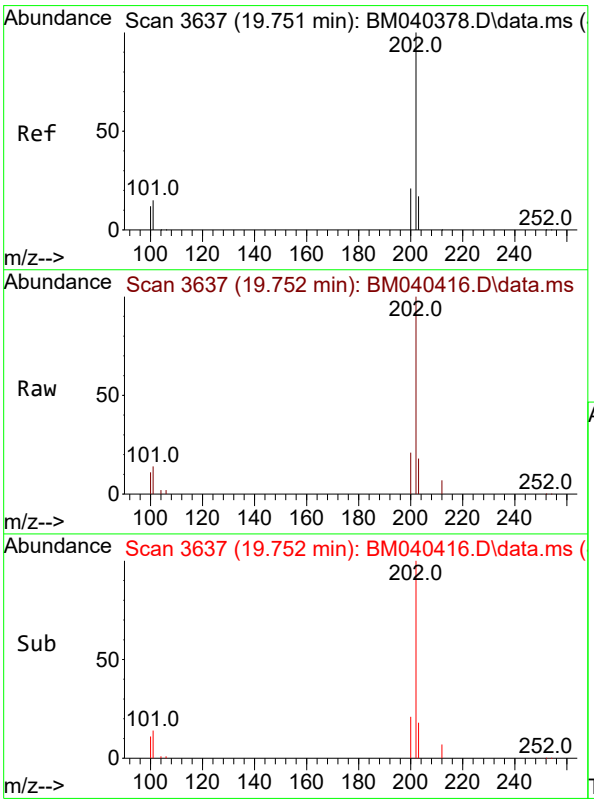
#19
Fluoranthene
Concen: 1.390 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:202 Resp: 76876

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.4	17.0
100	9.1	8.7	13.1

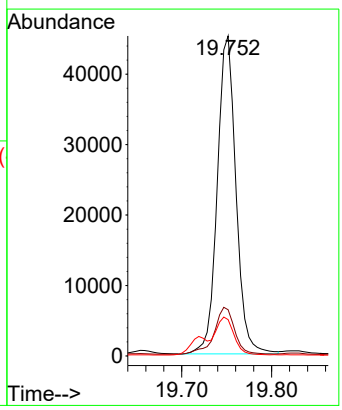


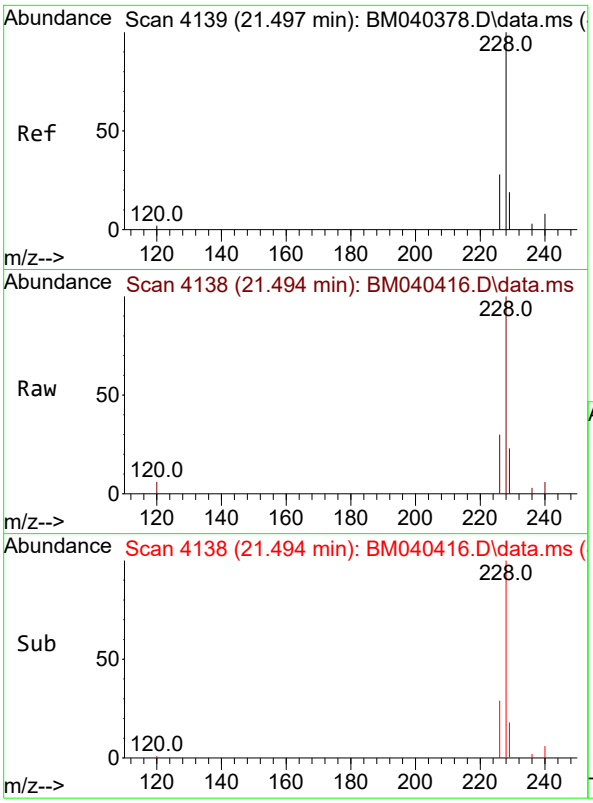


#20
Pyrene
Concen: 1.098 ng/ul
RT: 19.752 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:202 Resp: 65128

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.6	18.8
100	11.4	9.8	14.6



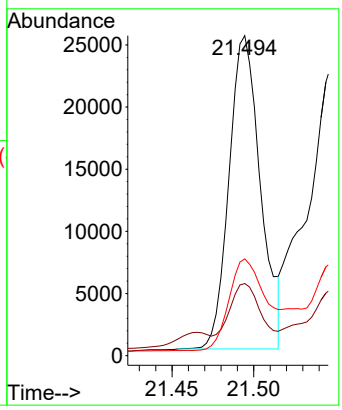


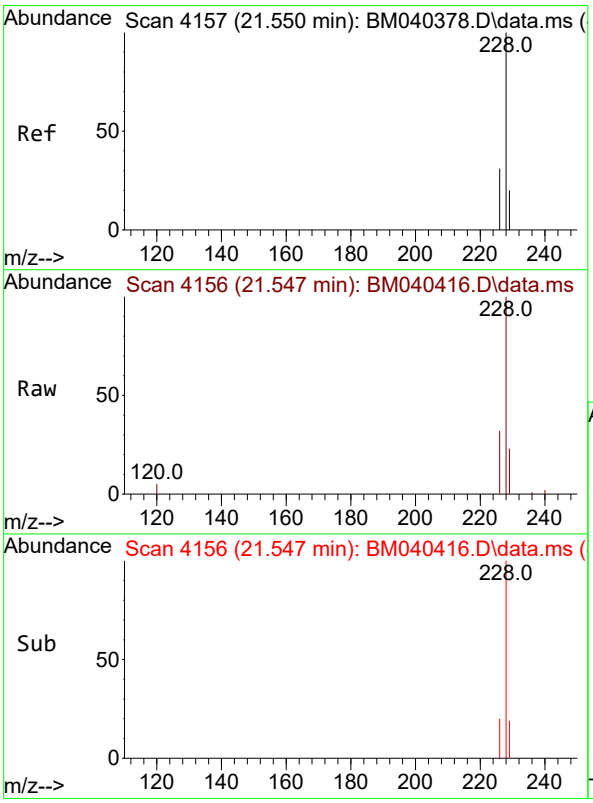
#21
Benzo(a)anthracene
Concen: 0.767 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:228 Resp: 33770

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.0	24.0
226	30.2	22.3	33.5

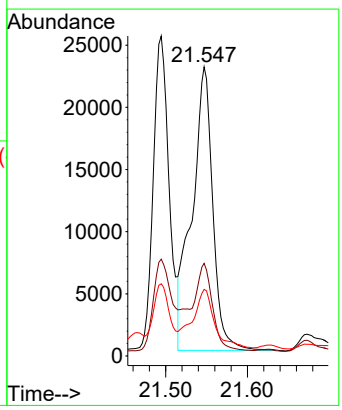


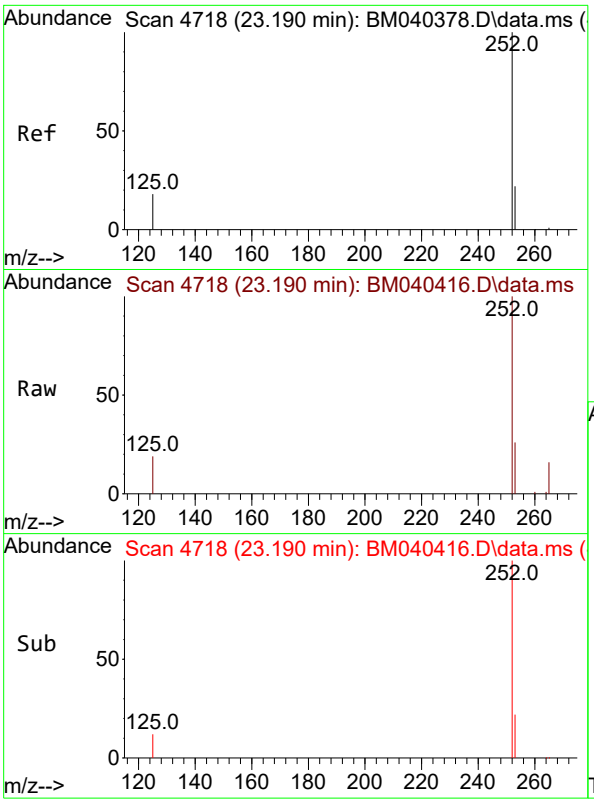


#22
Chrysene
Concen: 0.806 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:228 Resp: 40498

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	23.0	15.8	23.6



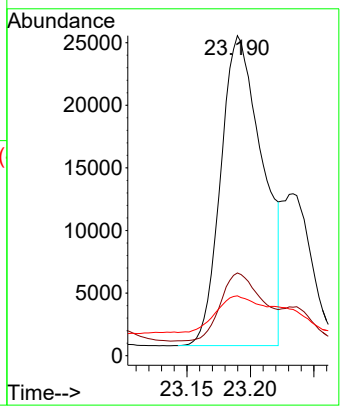


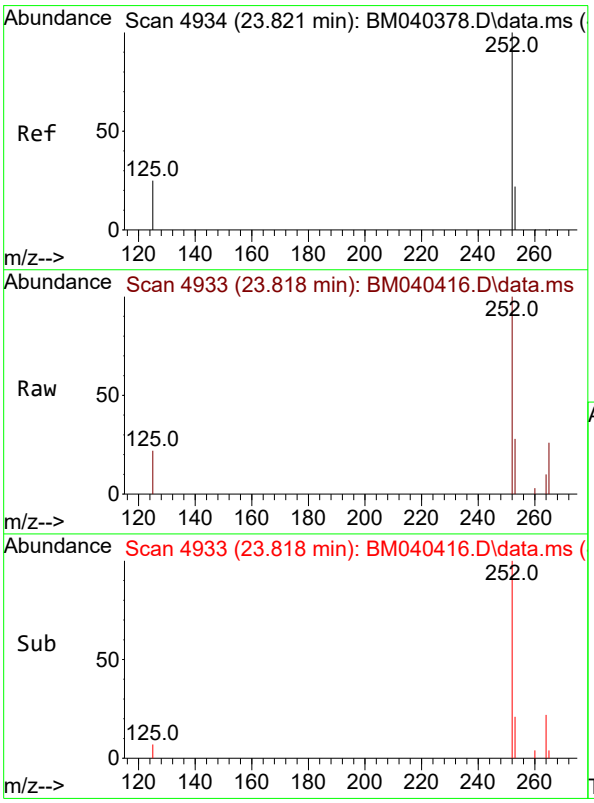
#24
Benzo(b)fluoranthene
Concen: 1.080 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:252 Resp: 56851

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	52.8
125	18.7	0.0	43.0

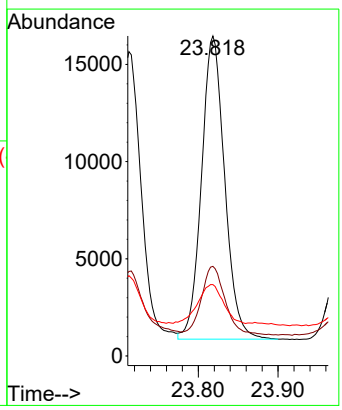


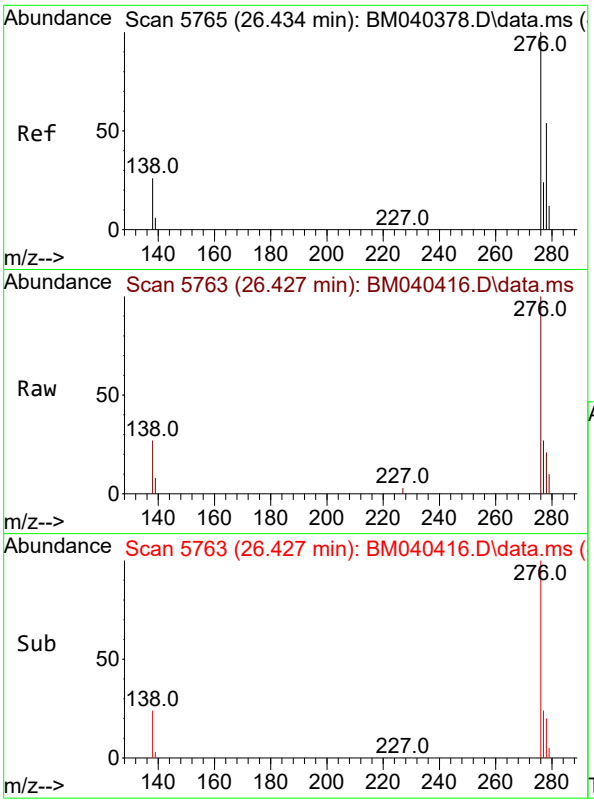


#26
Benzo(a)pyrene
Concen: 0.664 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:252 Resp: 31495

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.9	34.3
125	22.3	21.0	31.4



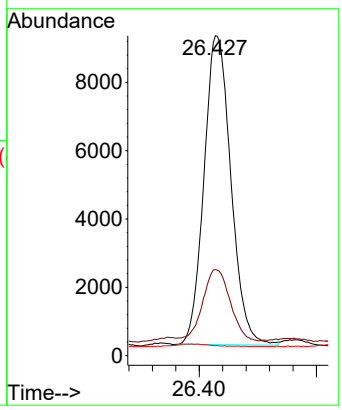


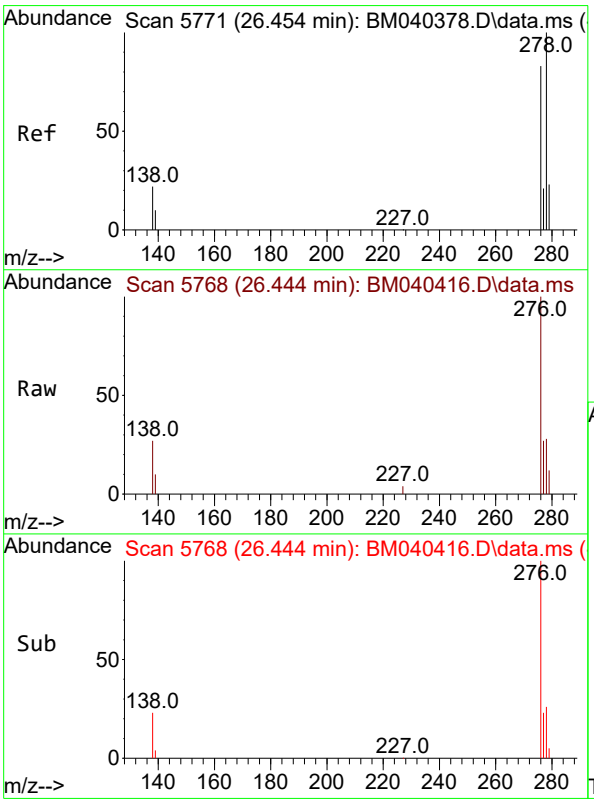
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 26.427 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:276 Resp: 28849

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

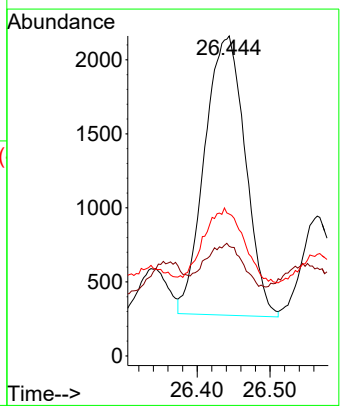


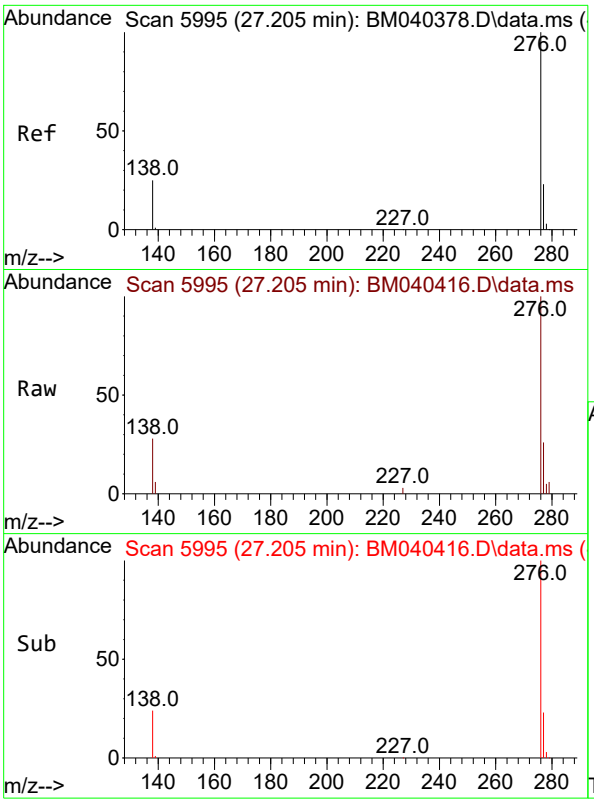


#28
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 26.444 min Scan# 5768
Delta R.T. -0.010 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion:278 Resp: 7281

Ion	Ratio	Lower	Upper
278	100		
139	34.2	17.9	26.9#
279	44.3	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Instrument :
BNA_M
ClientSampleId :
DCFN5DL

Tgt Ion:276 Resp: 27754

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.0	34.6
277	26.0	20.3	30.5