Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039723.D
Acq On : 28 Apr 2023 01:34
Operator : CG/JU
Sample : 02417-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW8X9

Quant Time: Apr 28 02:36:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3380	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	12757	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16344	0.400	ng/ul	-0.01
17) Chrysene-d12	21.401	240	13899	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	13352	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	14346	2.880	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	3508	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	9399	0.251	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.650	128	1417	0.044	ng/ul#	81
7) 2-Methylnaphthalene	12.289	142	1067	0.058	ng/ul	97
8) 1-Methylnaphthalene	12.498	142	926	0.047	ng/ul	99
15) Phenanthrene	17.242	178	3589	0.083	ng/ul	92
19) Fluoranthene	19.266	202	3813	0.077	ng/ul#	89
20) Pyrene	19.629	202	3429	0.064	ng/ul#	85
21) Benzo(a)anthracene	21.386	228	2003	0.050	ng/ul#	82
22) Chrysene	21.439	228	2017	0.045	ng/ul#	85
24) Benzo(b)fluoranthene	23.035	252	2441	0.052	ng/ul#	25
26) Benzo(a)pyrene	23.631	252	1275	0.030	ng/ul#	13

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

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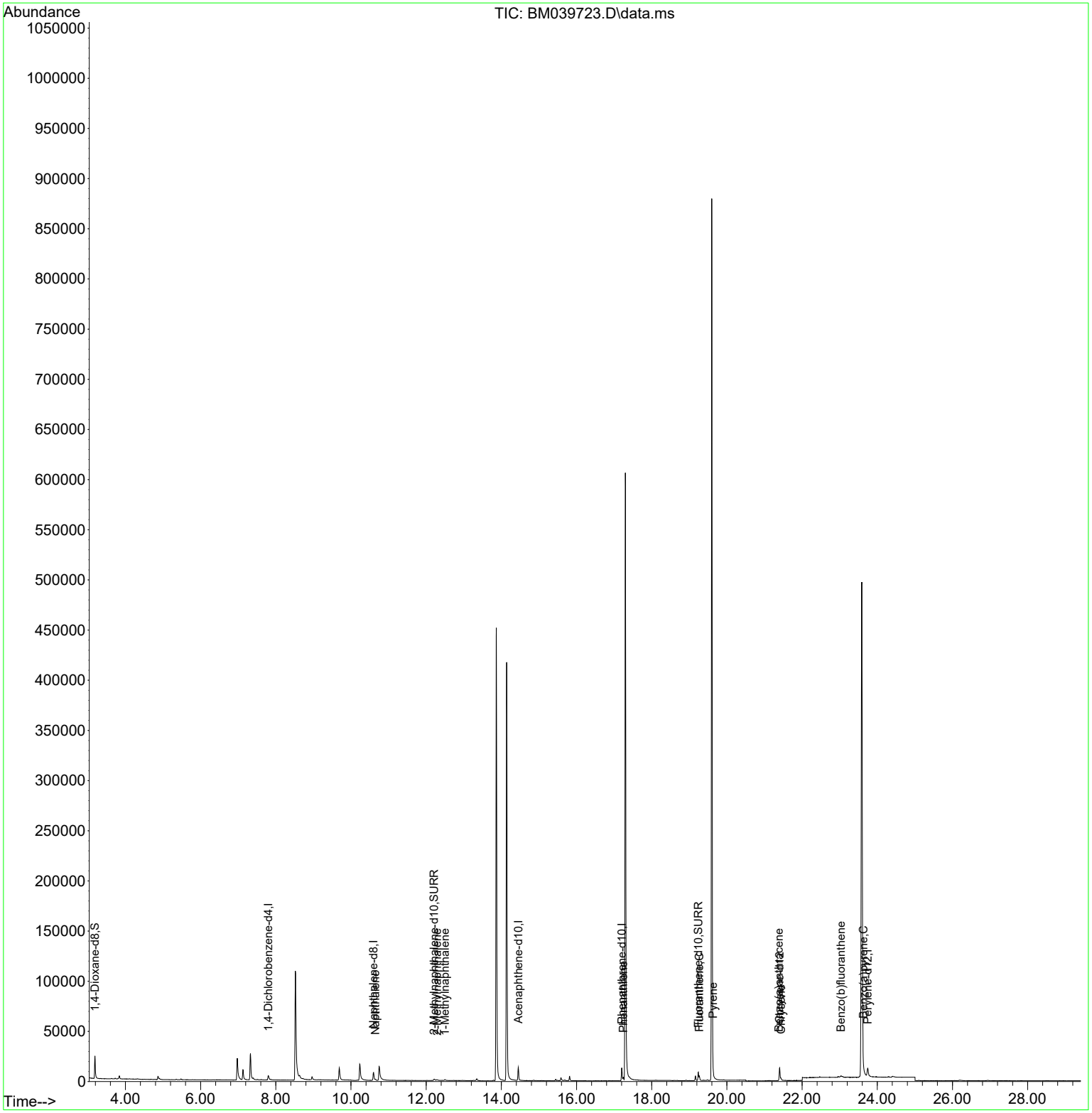
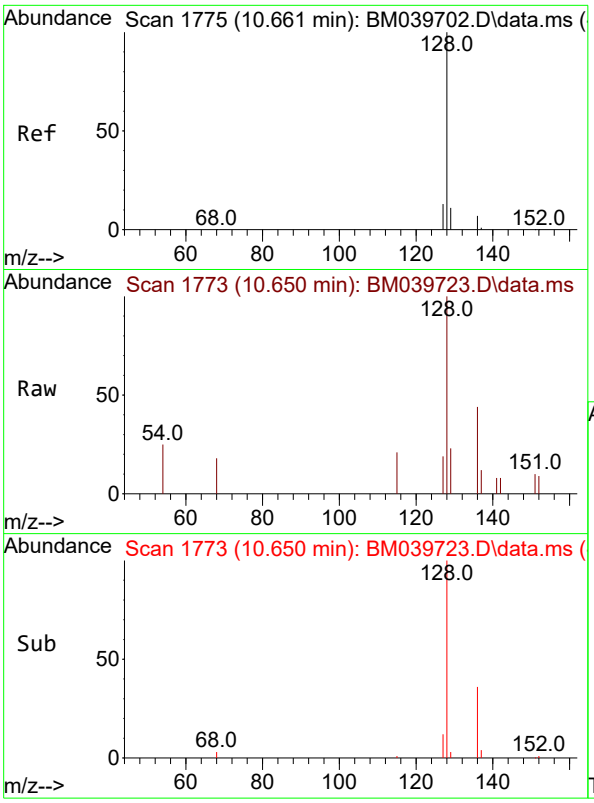


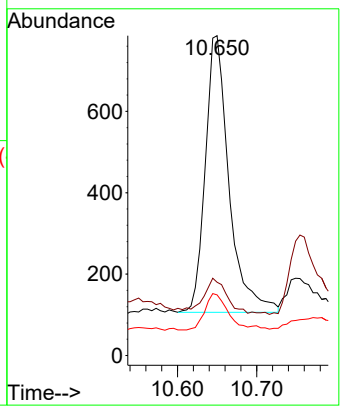


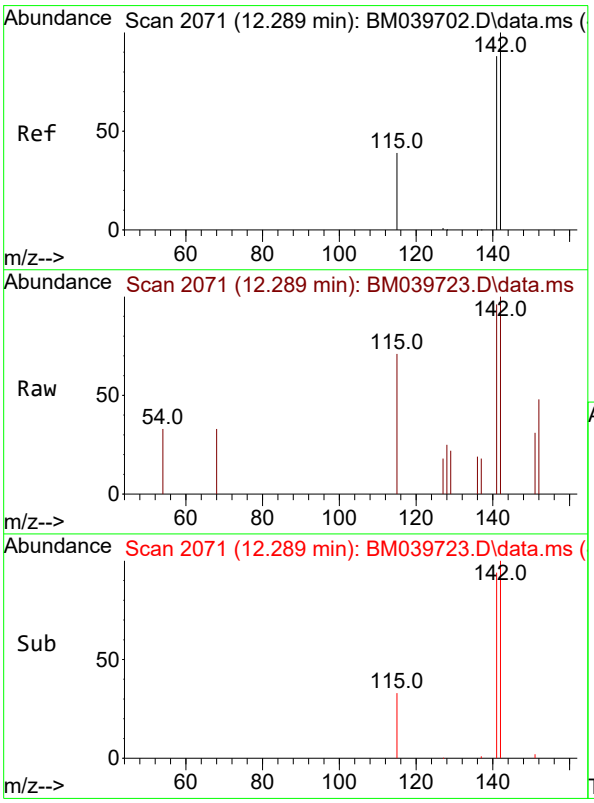
#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.650 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Instrument :
BNA_M
ClientSampleId :
EW8X9

Tgt Ion:128 Resp: 1417

Ion	Ratio	Lower	Upper
128	100		
129	22.9	9.8	14.6#
127	19.0	11.1	16.7#

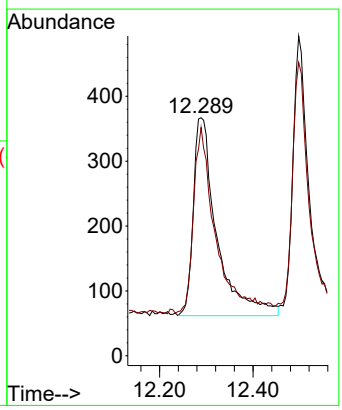


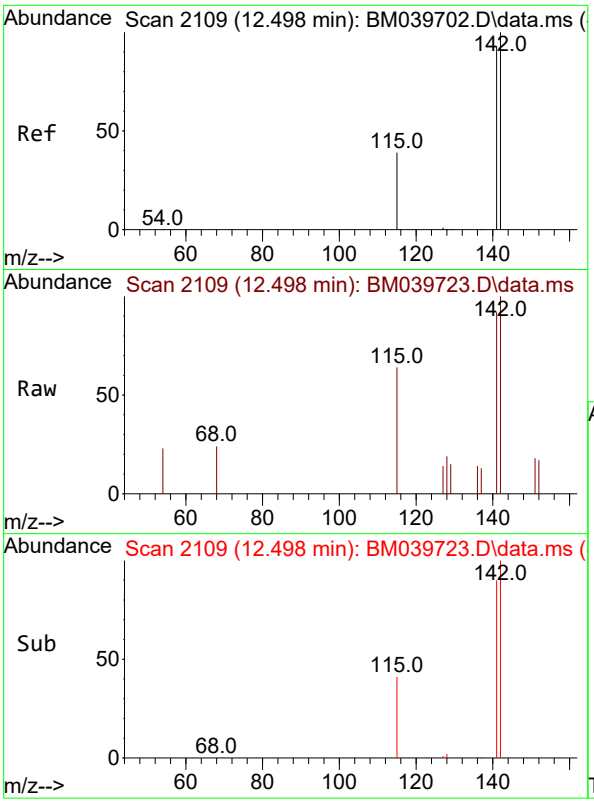


#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.289 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Tgt Ion:142 Resp: 1067

Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.2	109.8



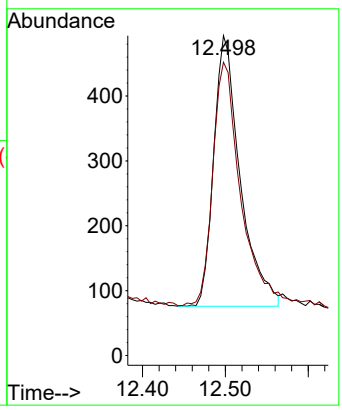


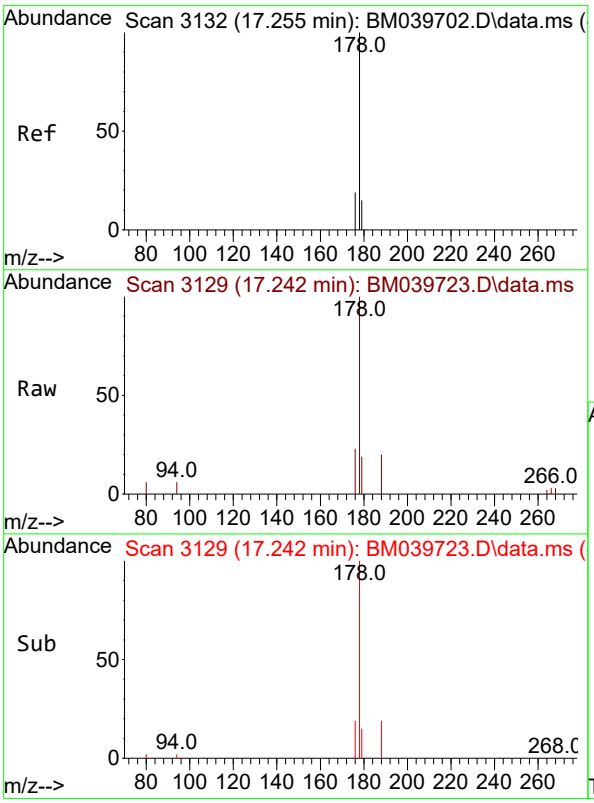
#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Instrument :
BNA_M
ClientSampleId :
EW8X9

Tgt Ion:142 Resp: 926

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.2

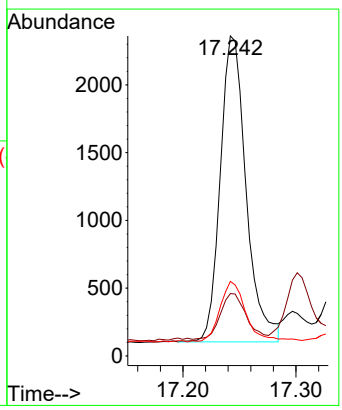


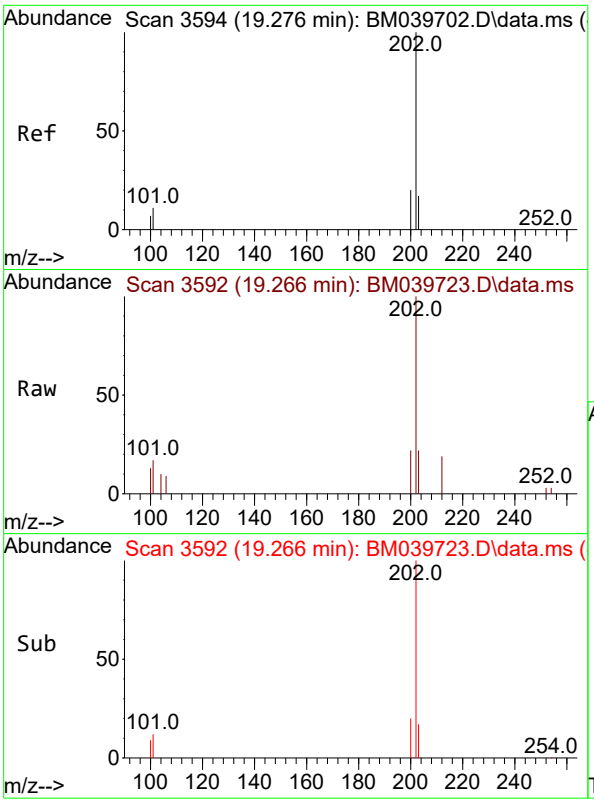


#15
Phenanthrene
Concen: 0.083 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Tgt Ion:178 Resp: 3589

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.0	19.6
176	23.3	15.8	23.8



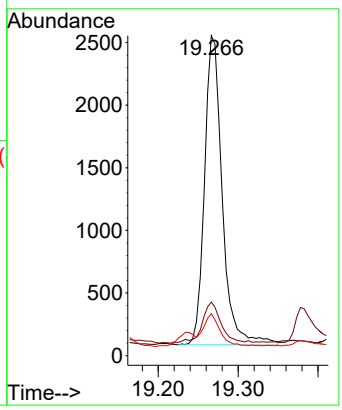


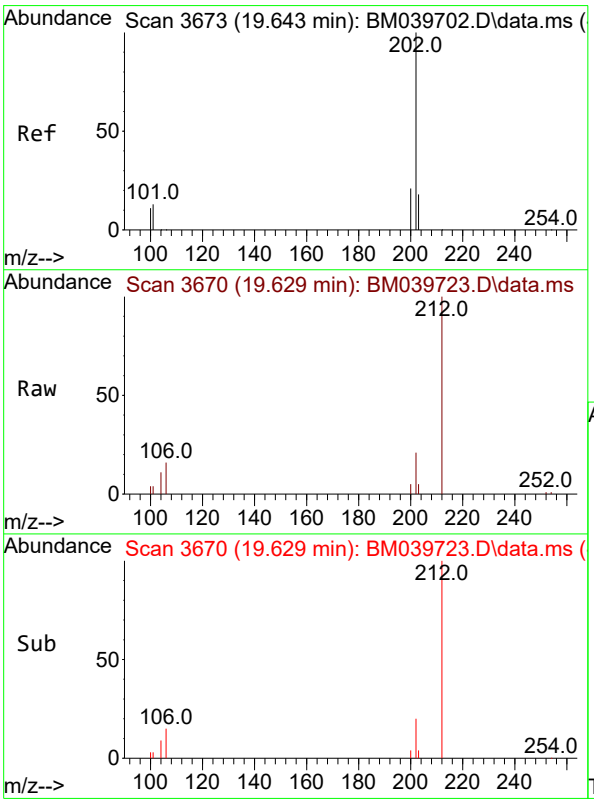
#19
Fluoranthene
Concen: 0.077 ng/ul
RT: 19.266 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Instrument :
BNA_M
ClientSampleId :
EW8X9

Tgt Ion:202 Resp: 3813

Ion	Ratio	Lower	Upper
202	100		
101	16.8	9.8	14.8#
100	13.1	7.3	10.9#

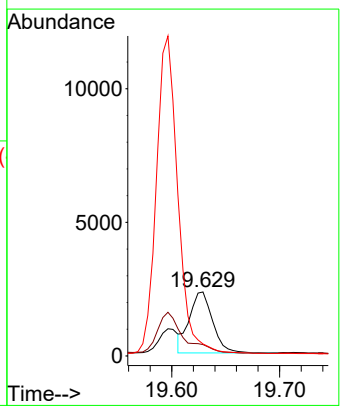


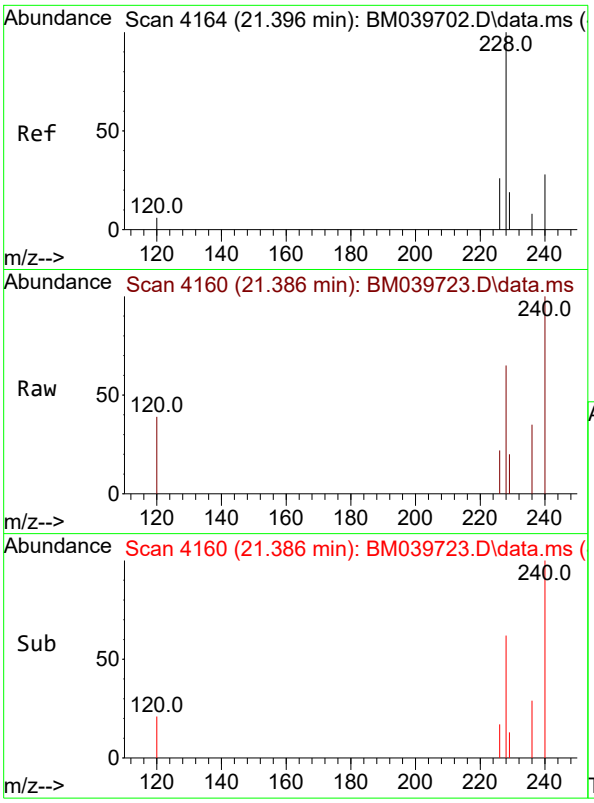


#20
Pyrene
Concen: 0.064 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Tgt Ion:202 Resp: 3429

Ion	Ratio	Lower	Upper
202	100		
101	17.8	10.9	16.3#
100	18.8	8.9	13.3#



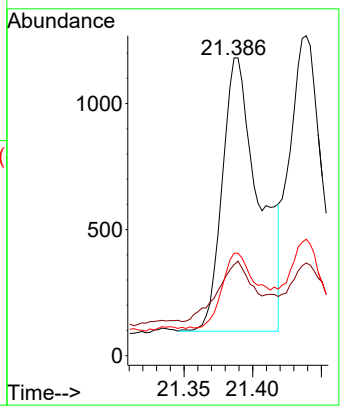


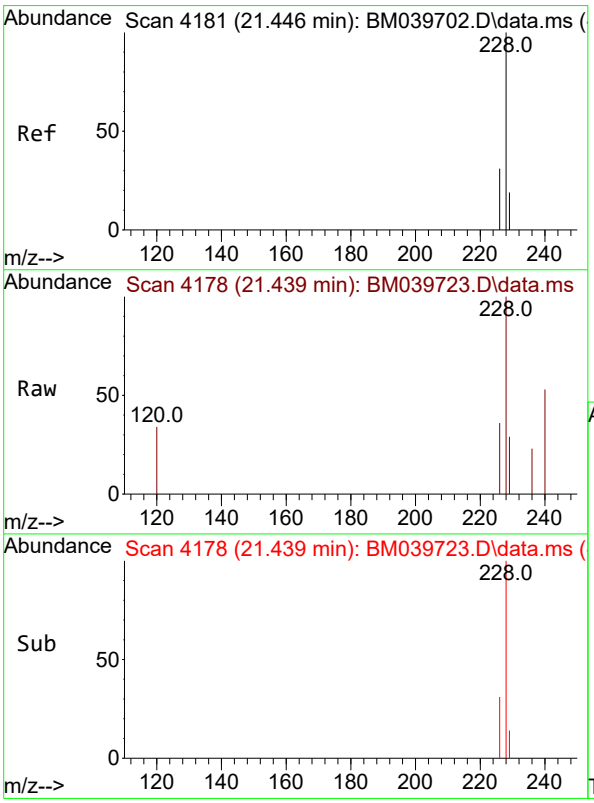
#21
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.386 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Instrument :
BNA_M
ClientSampleId :
EW8X9

Tgt Ion:228 Resp: 2003

Ion	Ratio	Lower	Upper
228	100		
229	30.6	16.2	24.2#
226	34.4	21.6	32.4#

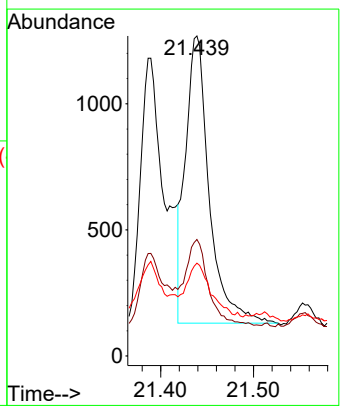


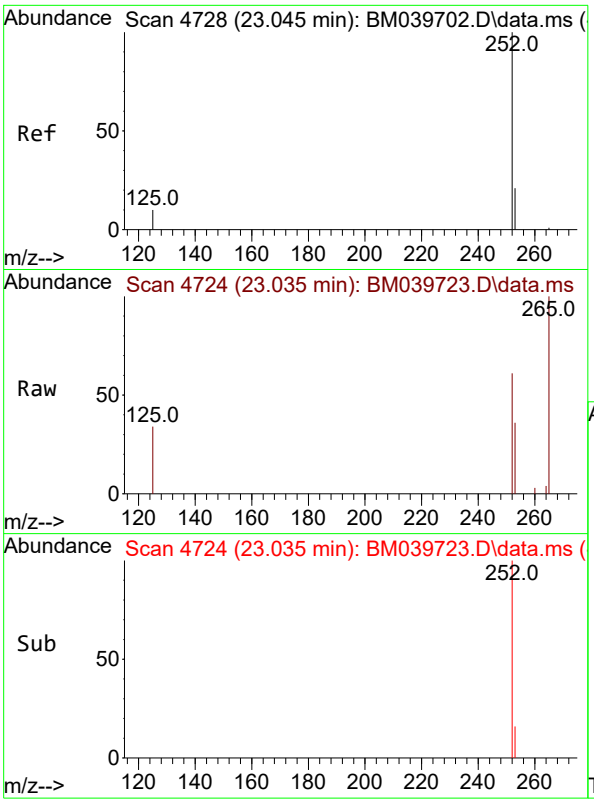


#22
Chrysene
Concen: 0.045 ng/ul
RT: 21.439 min Scan# 4178
Delta R.T. -0.007 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Tgt Ion:228 Resp: 2017

Ion	Ratio	Lower	Upper
228	100		
226	36.4	24.3	36.5
229	29.0	15.9	23.9#



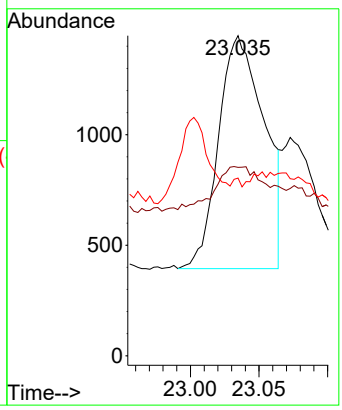


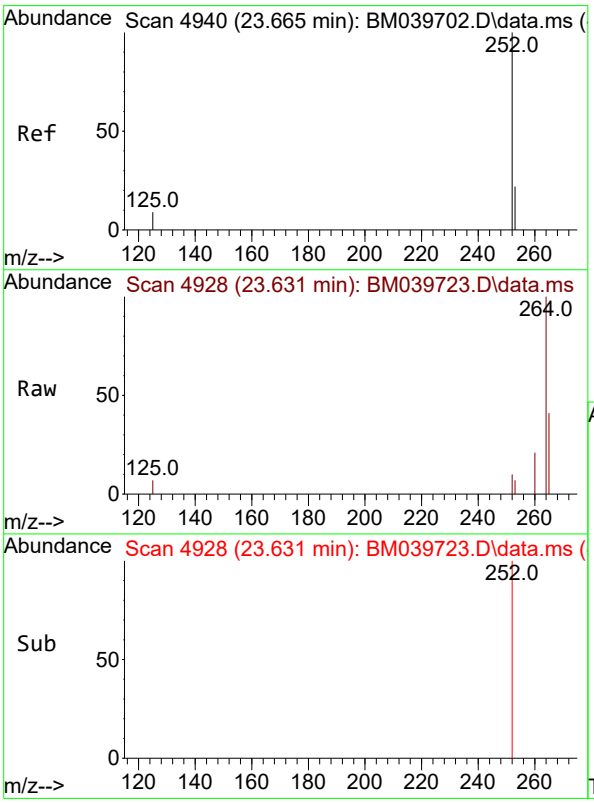
#24
Benzo(b)fluoranthene
Concen: 0.052 ng/ul
RT: 23.035 min Scan# 4
Delta R.T. -0.010 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Instrument :
BNA_M
ClientSampleId :
EW8X9

Tgt Ion:252 Resp: 2441

Ion	Ratio	Lower	Upper
252	100		
253	58.8	0.0	52.8#
125	55.5	0.0	31.6#





#26
Benzo(a)pyrene
Concen: 0.030 ng/ul
RT: 23.631 min Scan# 4928
Delta R.T. -0.033 min
Lab File: BM039723.D
Acq: 28 Apr 2023 01:34

Tgt Ion:252 Resp: 1275

Ion	Ratio	Lower	Upper
252	100		
253	72.5	24.7	37.1#
125	69.2	16.5	24.7#