Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040473.D
Acq On : 30 Jun 2023 15:51
Operator : MA/JU
Sample : 03161-04DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Quant Time: Jul 01 03:03:46 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 : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	8431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	32127	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	15894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	29633	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	16615	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	15426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	4077	0.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1025	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1455	0.027	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.370	178	6963	0.076	ng/ul#	94
16) Anthracene	17.463	178	1709	0.022	ng/ul#	70
19) Fluoranthene	19.384	202	22766	0.323	ng/ul	99
20) Pyrene	19.747	202	18765	0.248	ng/ul	98
21) Benzo(a)anthracene	21.491	228	9744	0.173	ng/ul	94
22) Chrysene	21.547	228	10117	0.158	ng/ul#	94
24) Benzo(b)fluoranthene	23.186	252	15788	0.264	ng/ul	77
26) Benzo(a)pyrene	23.815	252	9170	0.171	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.424	276	7683	0.103	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.437	278	2014	0.034	ng/ul#	8
29) Benzo(g,h,i)perylene	27.198	276	7459	0.114	ng/ul#	83

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
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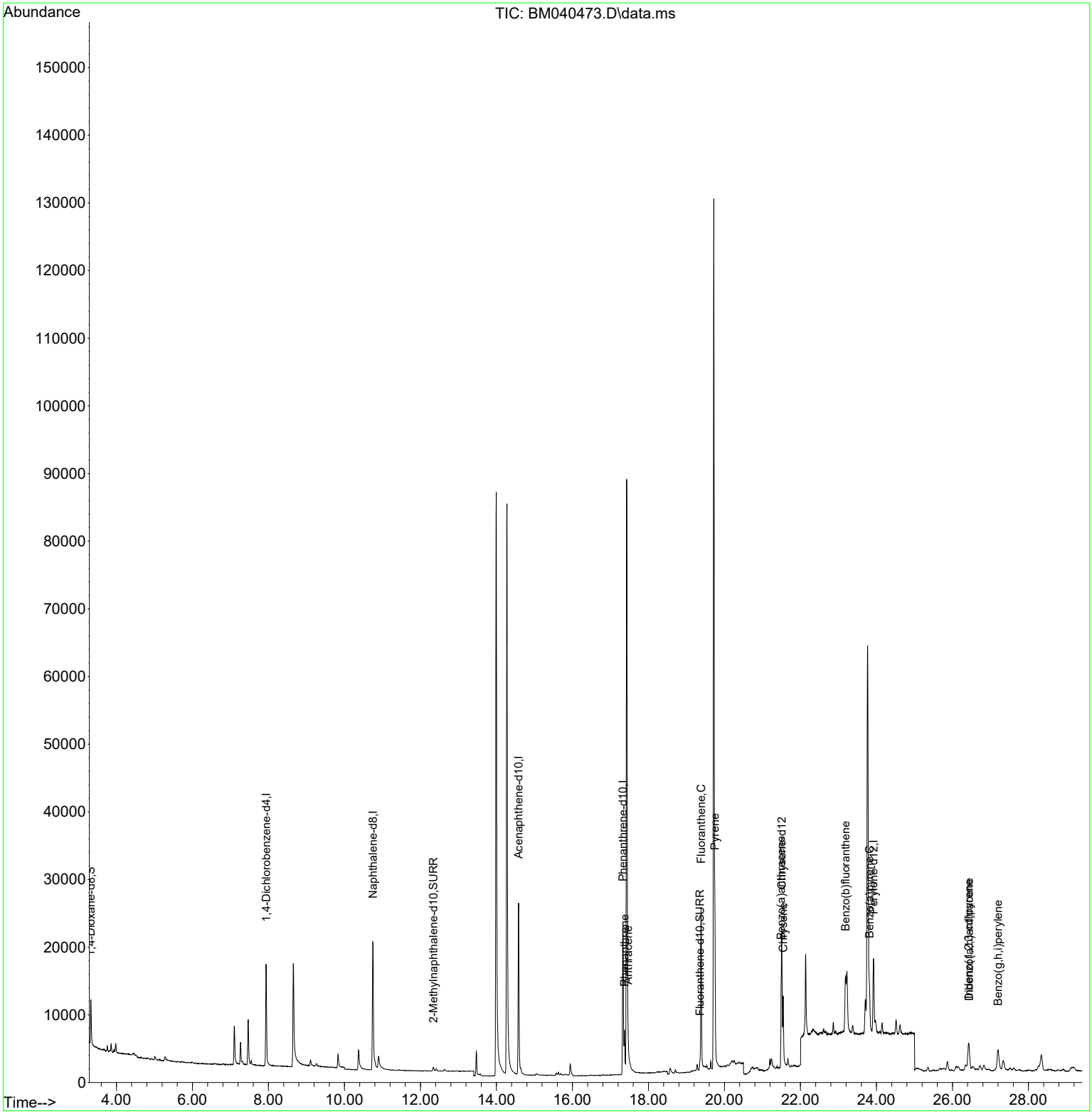
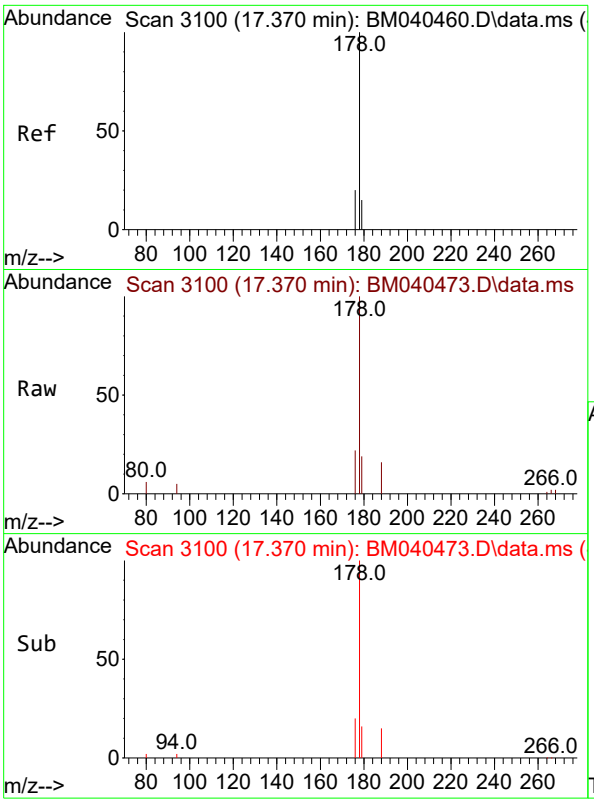


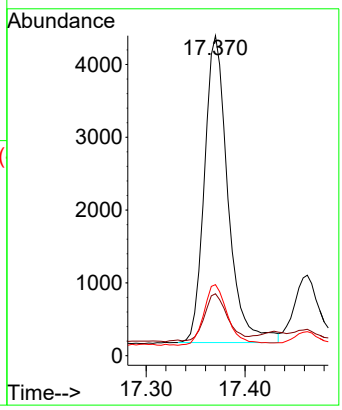


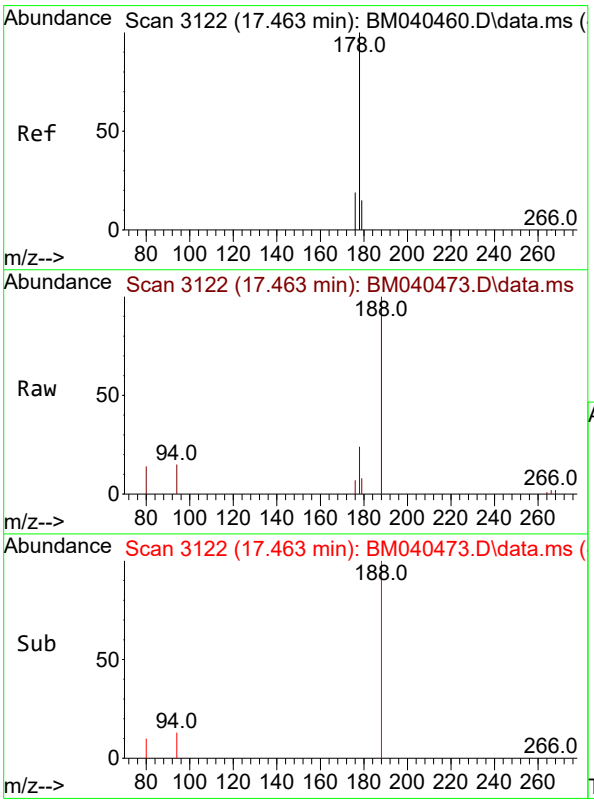
#15
Phenanthrene
Concen: 0.076 ng/ul
RT: 17.370 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Tgt Ion:178 Resp: 6963

Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.8	19.2#
176	22.2	16.4	24.6

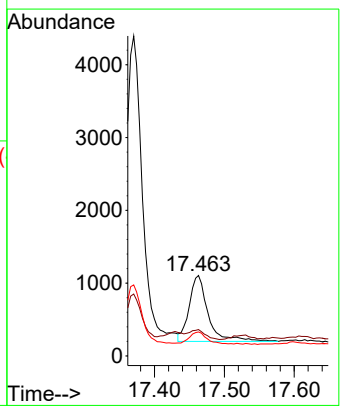


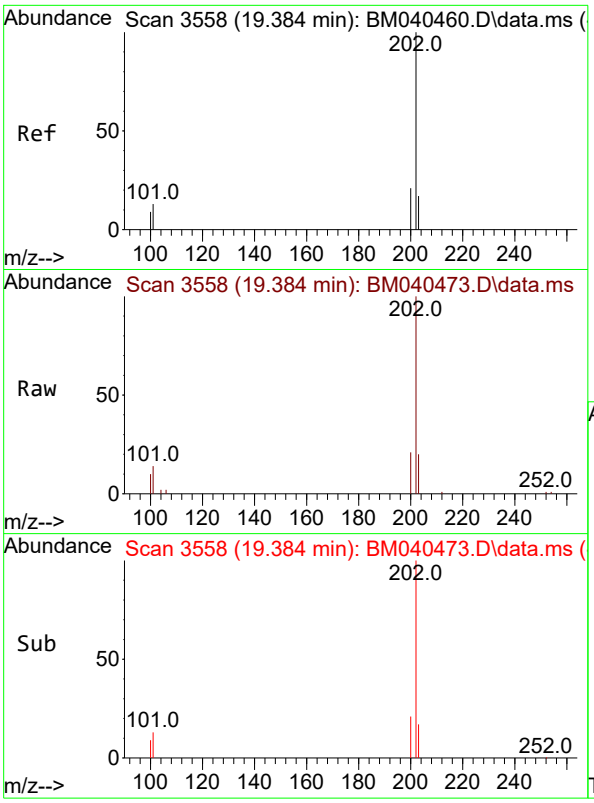


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Tgt Ion:178 Resp: 1709

Ion	Ratio	Lower	Upper
178	100		
179	32.7	12.9	19.3#
176	29.8	15.8	23.6#



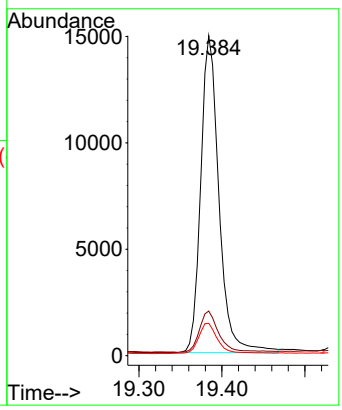


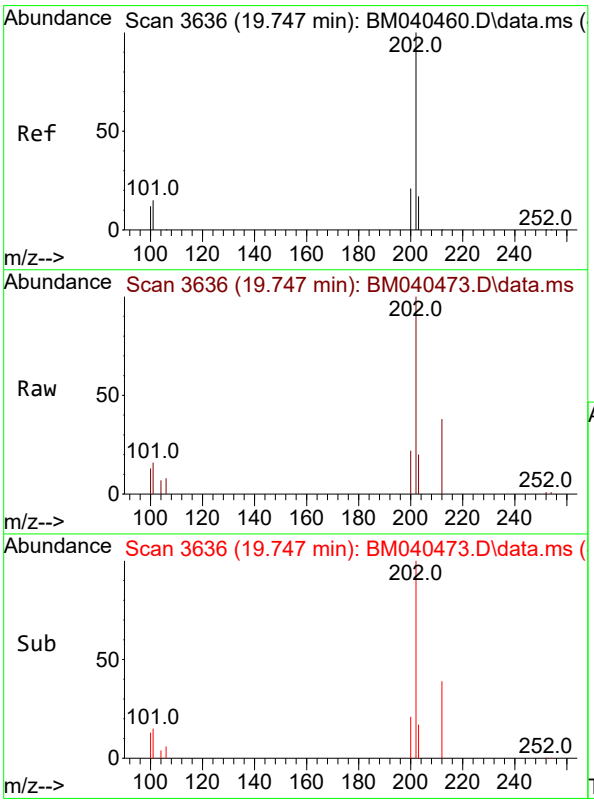
#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.384 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Tgt Ion:202 Resp: 22766

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.0
100	10.1	8.7	13.1

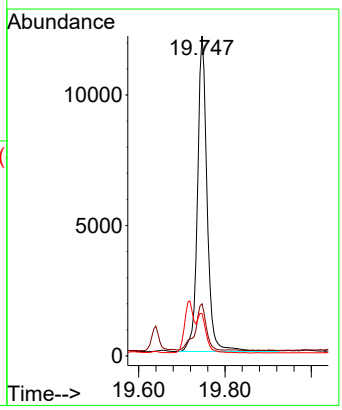


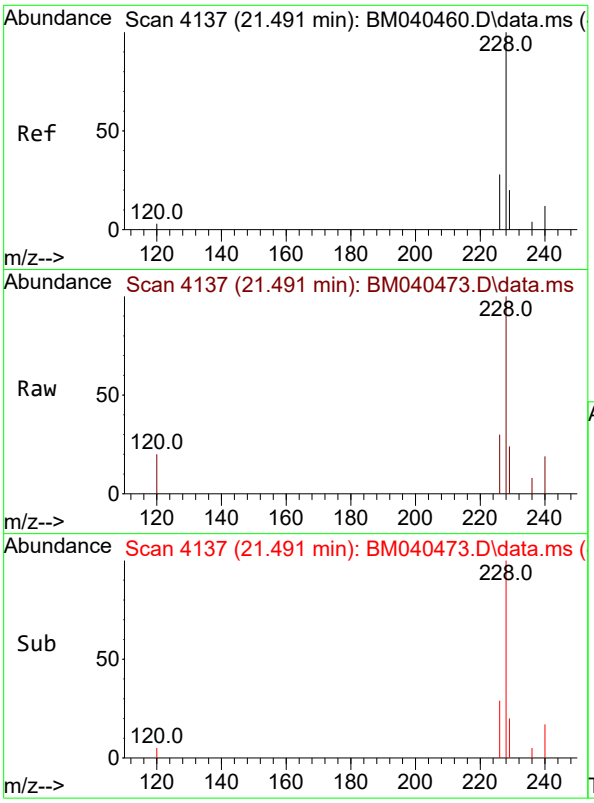


#20
Pyrene
Concen: 0.248 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Tgt Ion:202 Resp: 18765

Ion	Ratio	Lower	Upper
202	100		
101	16.3	12.6	18.8
100	13.3	9.8	14.6



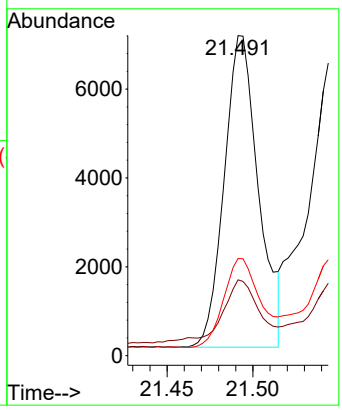


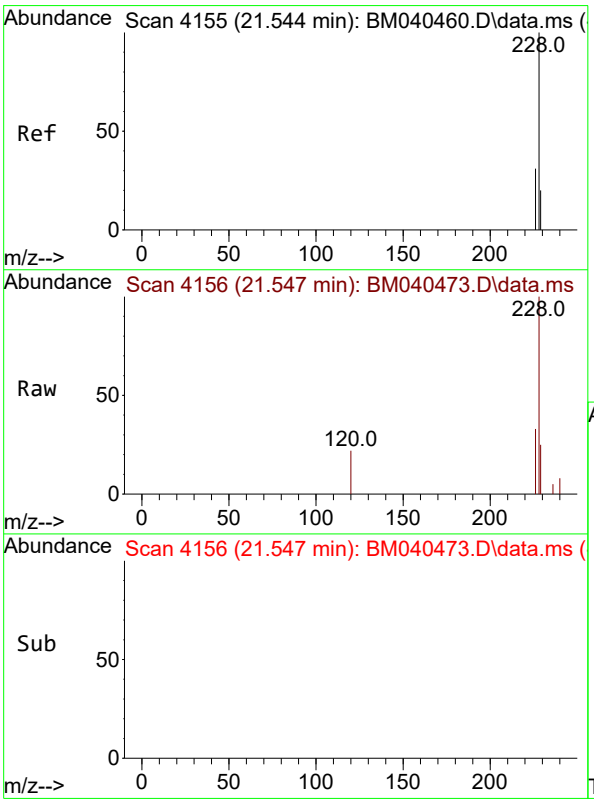
#21
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.491 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Tgt Ion:228 Resp: 9744

Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.0	24.0
226	30.3	22.3	33.5

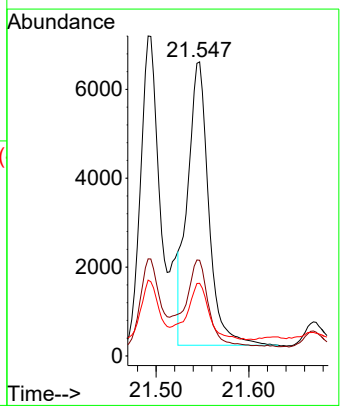


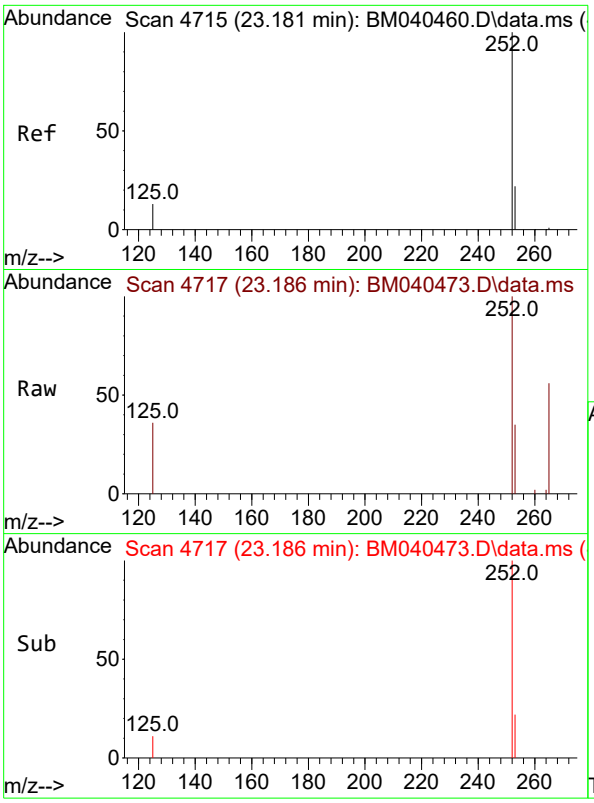


#22
Chrysene
Concen: 0.158 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. 0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Tgt Ion:228 Resp: 10117

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	24.7	15.8	23.6#



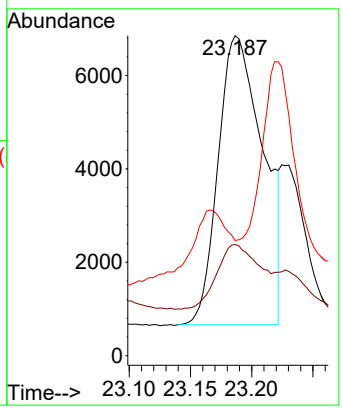


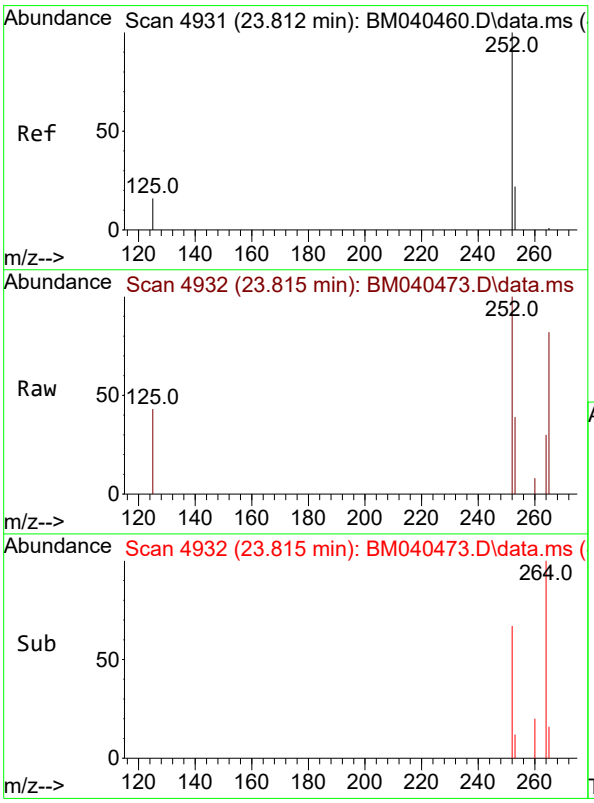
#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 23.186 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Tgt Ion:252 Resp: 15788

Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	52.8
125	36.0	0.0	43.0

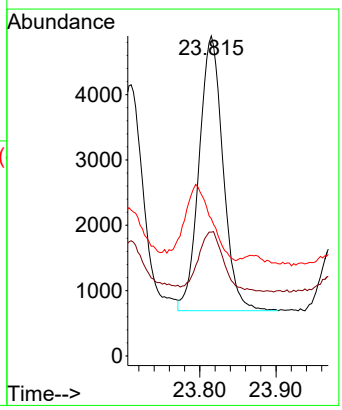


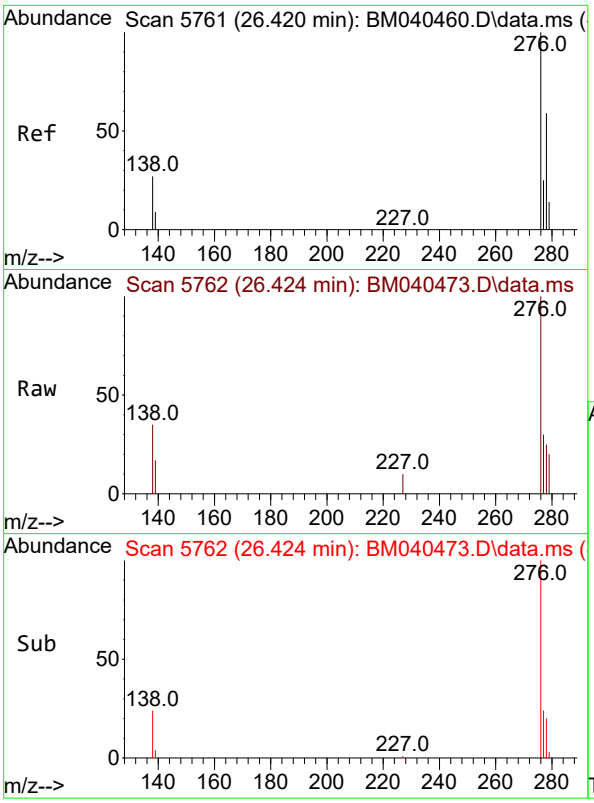


#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. 0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Tgt Ion:252 Resp: 9170

Ion	Ratio	Lower	Upper
252	100		
253	38.7	22.9	34.3#
125	42.9	21.0	31.4#



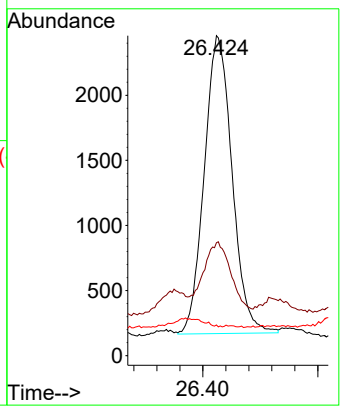


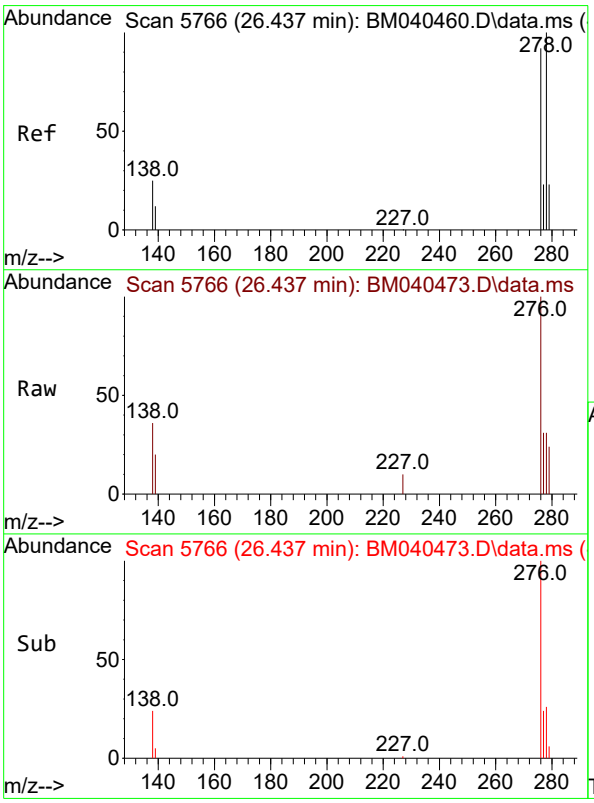
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.424 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Tgt Ion:276 Resp: 7683

Ion	Ratio	Lower	Upper
276	100		
138	23.7	24.5	36.7#
227	0.2	0.1	0.1#

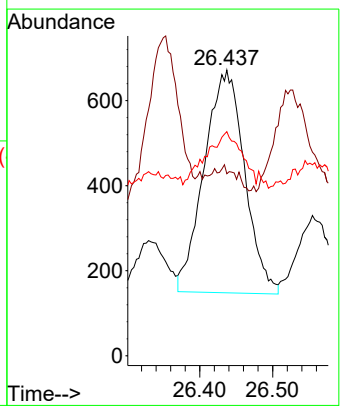


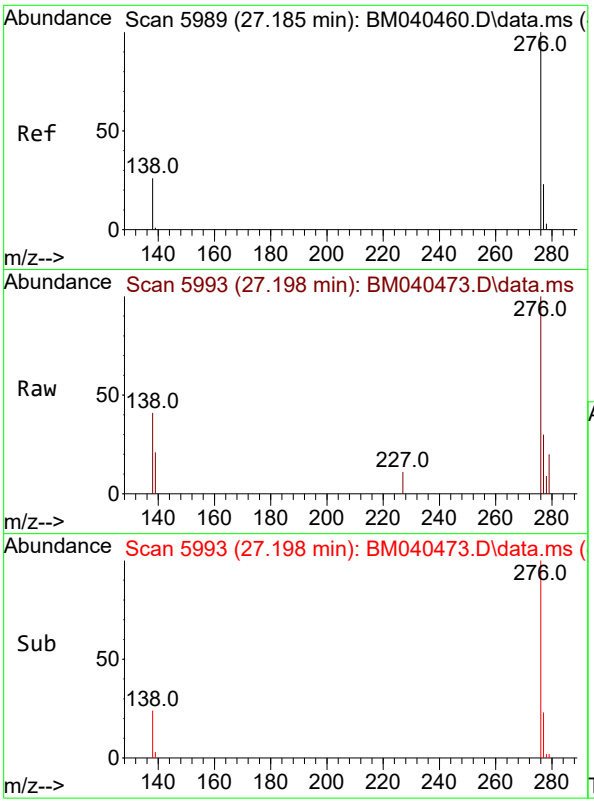


#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Tgt Ion:278 Resp: 2014

Ion	Ratio	Lower	Upper
278	100		
139	63.7	17.9	26.9#
279	78.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 27.198 min Scan# 5
Delta R.T. 0.013 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

Instrument :
BNA_M
ClientSampleId :
DCFW0DL

Tgt Ion:276 Resp: 7459

Ion	Ratio	Lower	Upper
276	100		
138	40.7	23.0	34.6#
277	30.4	20.3	30.5