Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039768.D
Acq On : 29 Apr 2023 10:56
Operator : CG/JU
Sample : 02417-05DL 5X
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Quant Time: May 01 01:33:59 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 : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	4540	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	17920	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	11136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	22175	0.400	ng/ul	0.00
17) Chrysene-d12	21.399	240	13278	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	11314	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3389	0.507	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	862	0.038	ng/ul	0.02
18) Fluoranthene-d10	19.234	212	1777	0.050	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.169	152	3274	0.076	ng/ul	92
12) Fluorene	15.501	166	1209	0.032	ng/ul#	94
15) Phenanthrene	17.242	178	30976	0.530	ng/ul	99
16) Anthracene	17.335	178	3364	0.067	ng/ul#	91
19) Fluoranthene	19.262	202	47891	1.011	ng/ul	100
20) Pyrene	19.624	202	51623	1.009	ng/ul	99
21) Benzo(a)anthracene	21.382	228	16722	0.438	ng/ul	96
22) Chrysene	21.434	228	16944	0.392	ng/ul	98
24) Benzo(b)fluoranthene	23.033	252	17890	0.450	ng/ul	95
26) Benzo(a)pyrene	23.638	252	11791	0.331	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.174	276	8369	0.186	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.181	278	2044	0.058	ng/ul#	47
29) Benzo(g,h,i)perylene	26.925	276	6792	0.173	ng/ul	92

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

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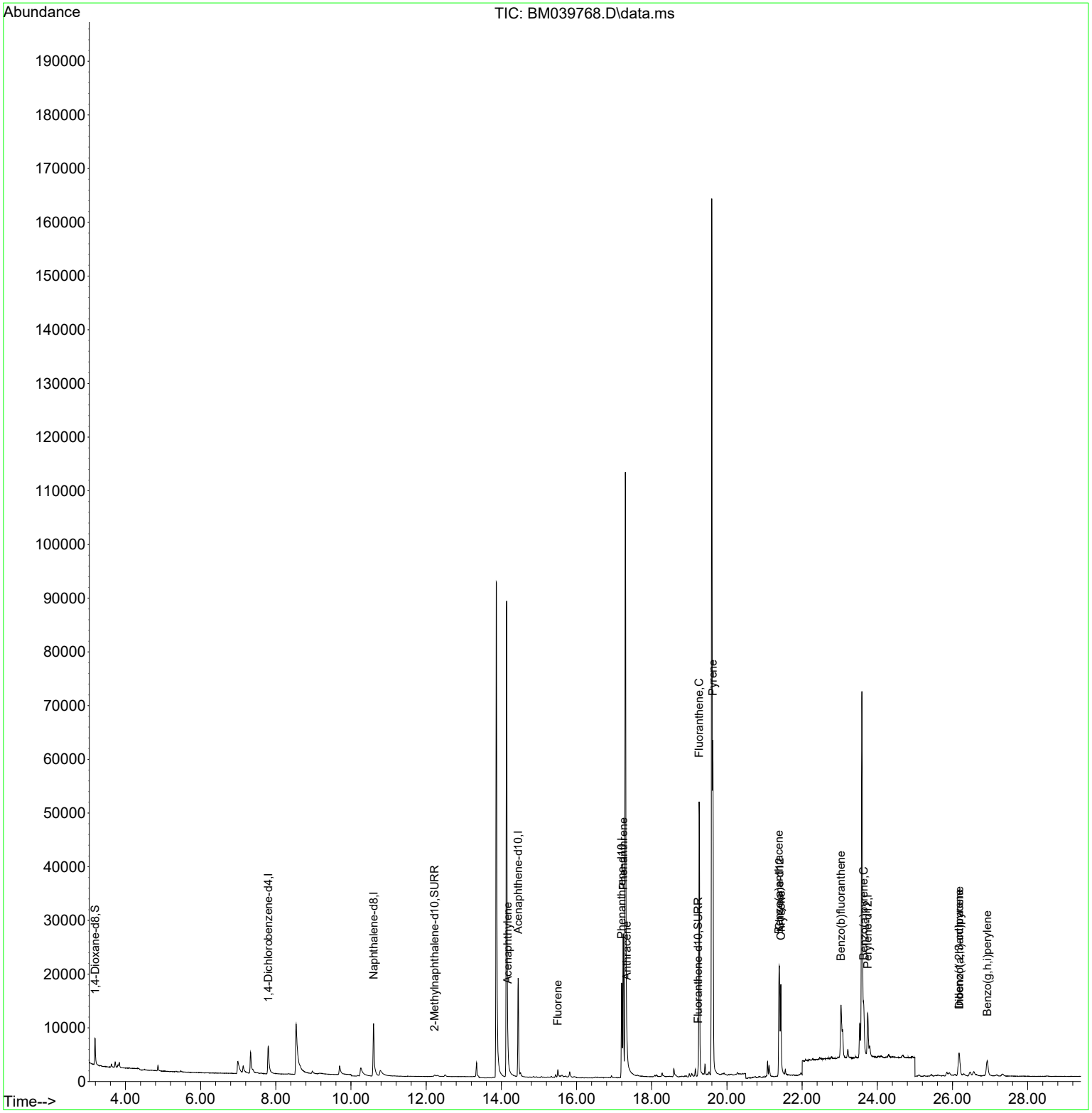
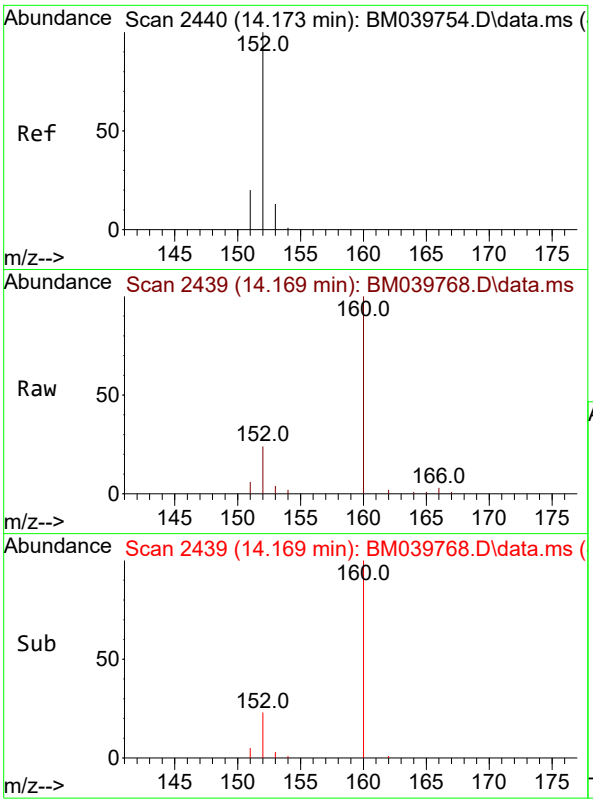


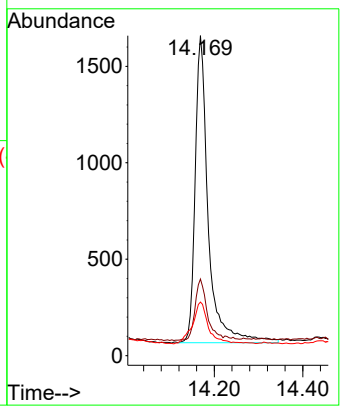


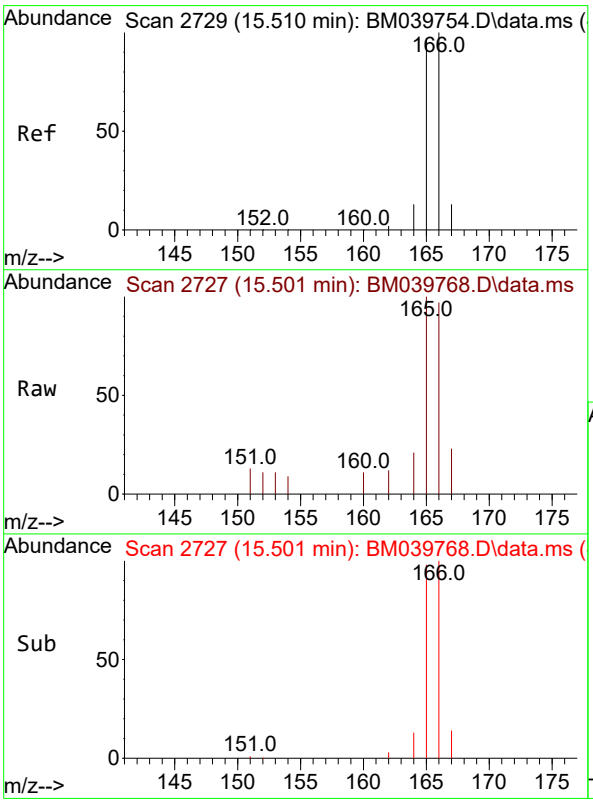
#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.169 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:152 Resp: 3274

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.0	24.0
153	16.8	11.2	16.8

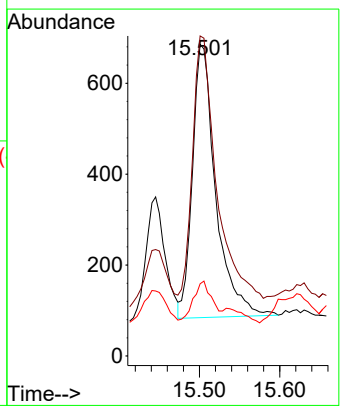


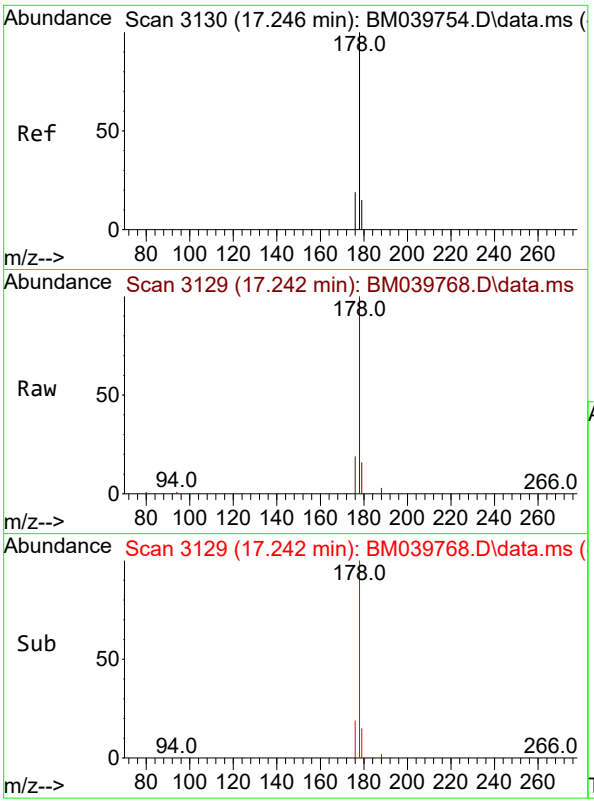


#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Tgt Ion:166 Resp: 1209

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.0	118.6
167	23.2	11.8	17.6#



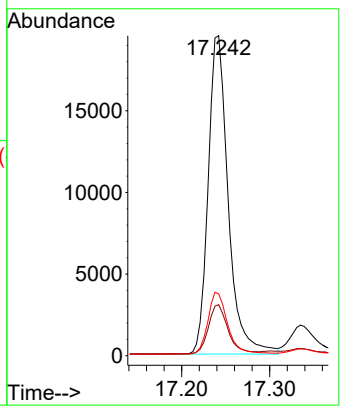


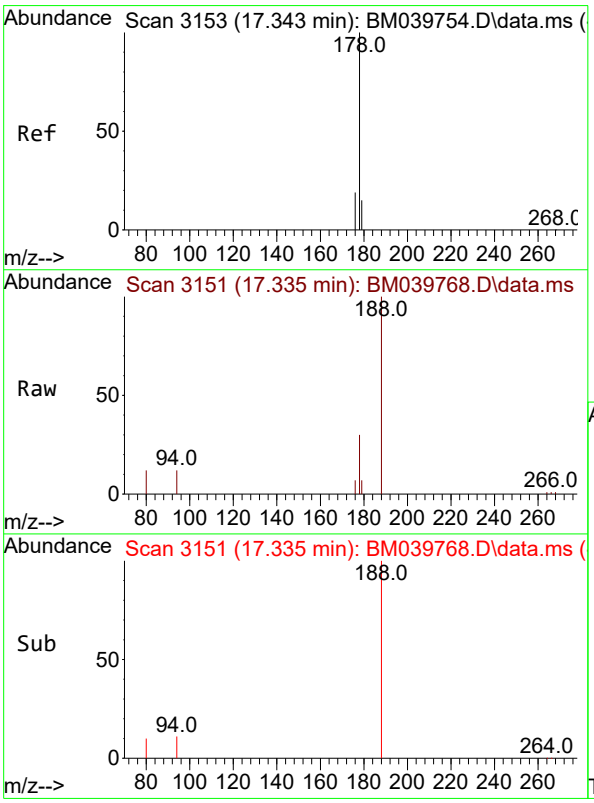
#15
Phenanthrene
Concen: 0.530 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:178 Resp: 30976

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.6
176	19.3	15.8	23.8

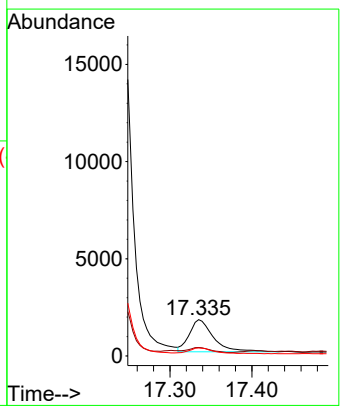


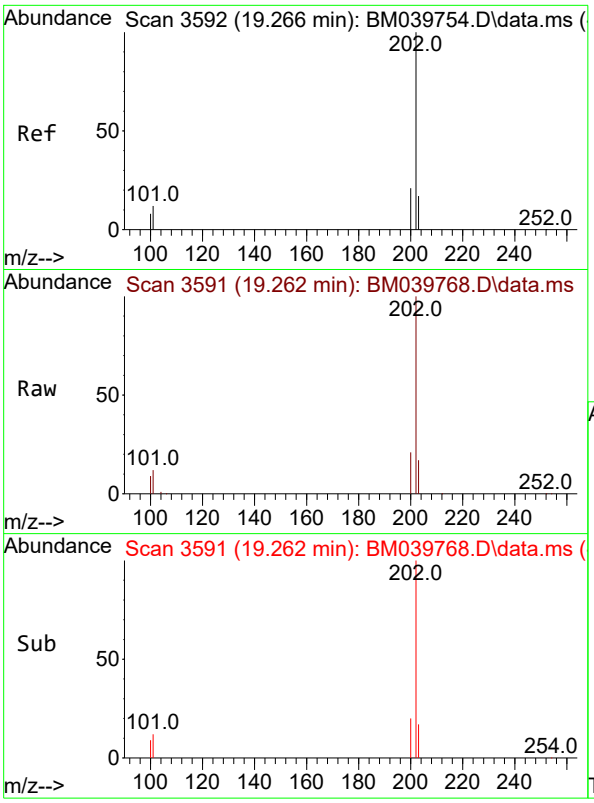


#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Tgt Ion:178 Resp: 3364

Ion	Ratio	Lower	Upper
178	100		
179	23.5	13.8	20.6#
176	22.0	15.8	23.8



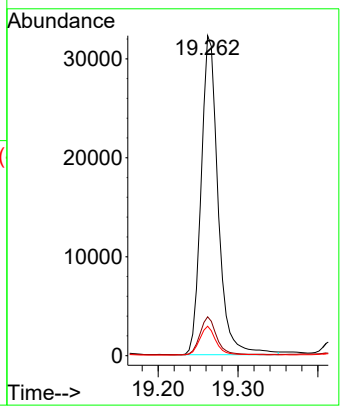


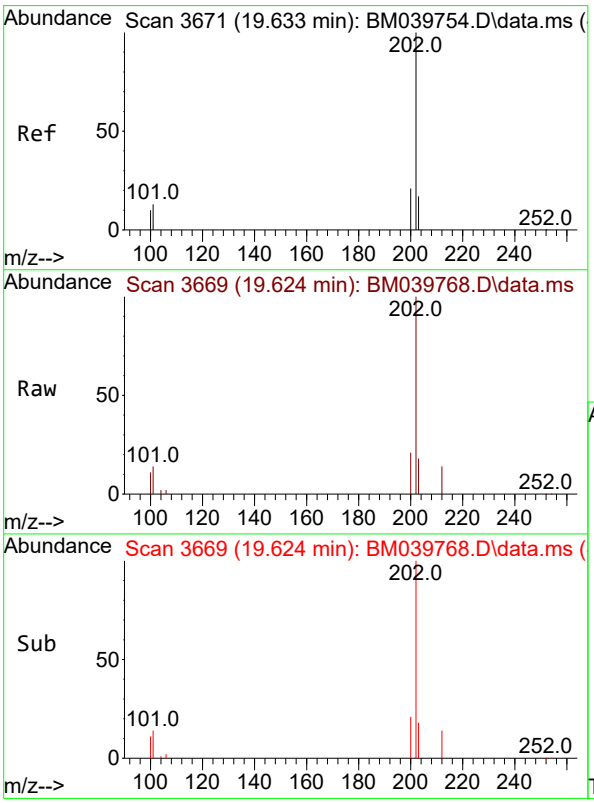
#19
Fluoranthene
Concen: 1.011 ng/ul
RT: 19.262 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:202 Resp: 47891

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.2	7.3	10.9

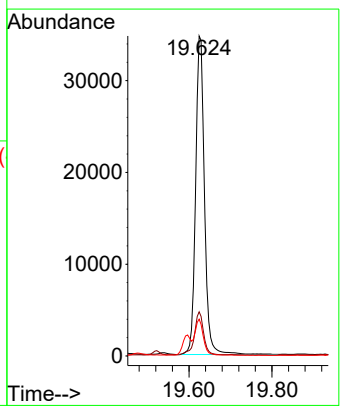


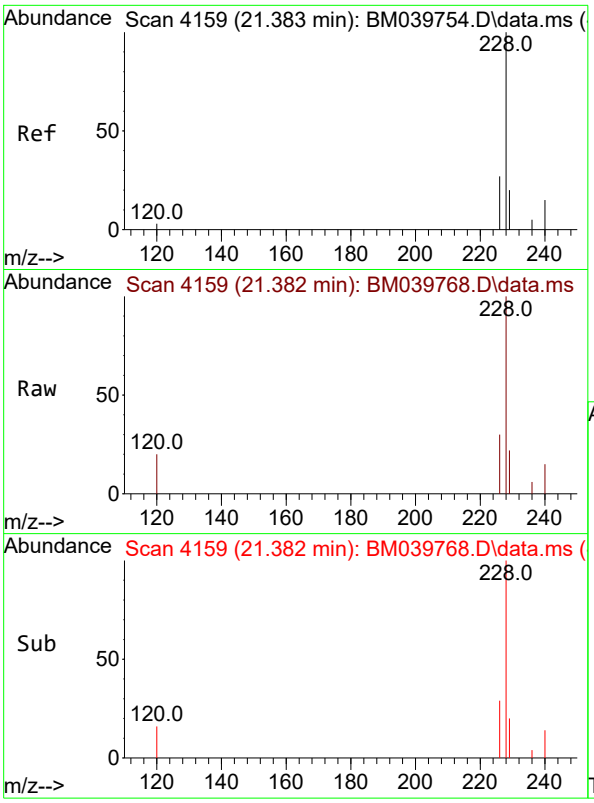


#20
Pyrene
Concen: 1.009 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Tgt Ion:202 Resp: 51623

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.5	8.9	13.3



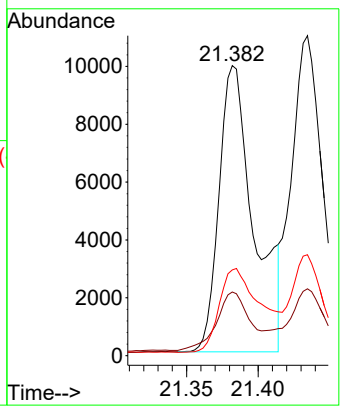


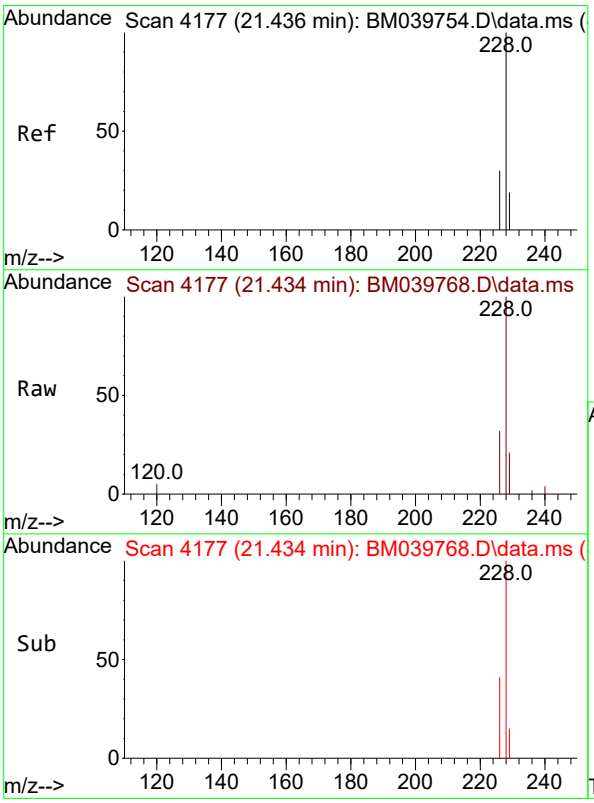
#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.382 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:228 Resp: 16722

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.2	24.2
226	29.5	21.6	32.4

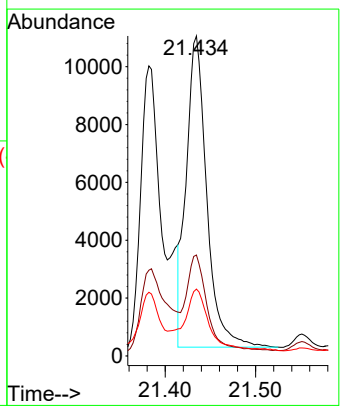


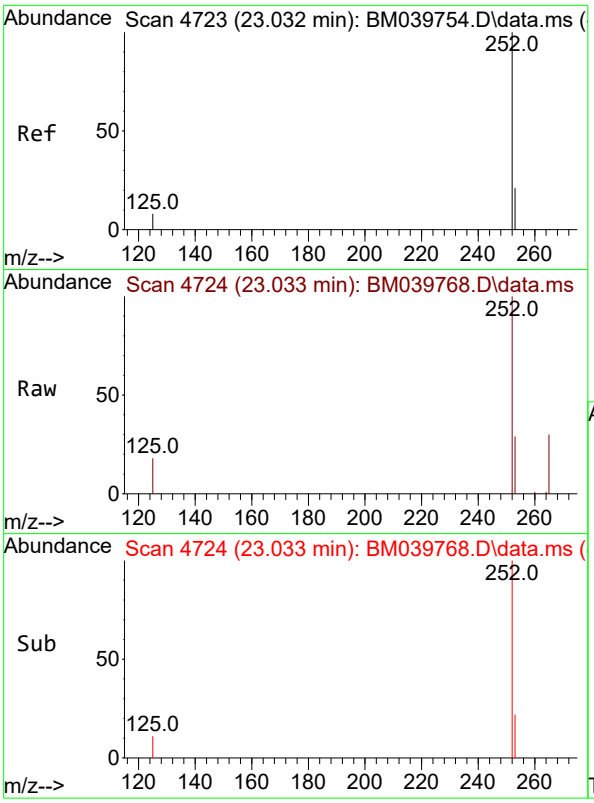


#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.434 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Tgt Ion:228 Resp: 16944

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	20.9	15.9	23.9



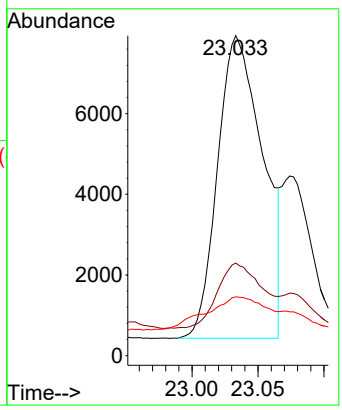


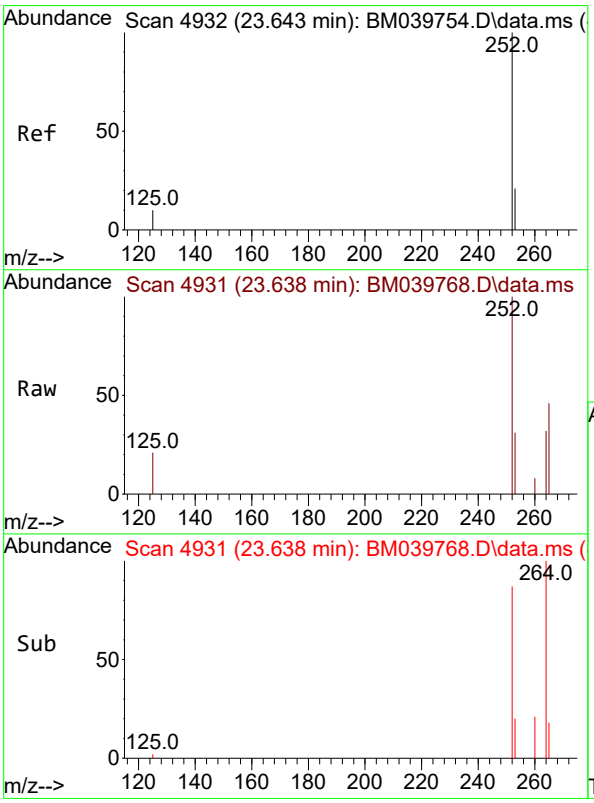
#24
Benzo(b)fluoranthene
Concen: 0.450 ng/ul
RT: 23.033 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:252 Resp: 17890

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	52.8
125	18.4	0.0	31.6

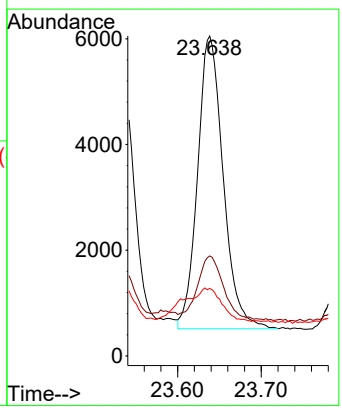


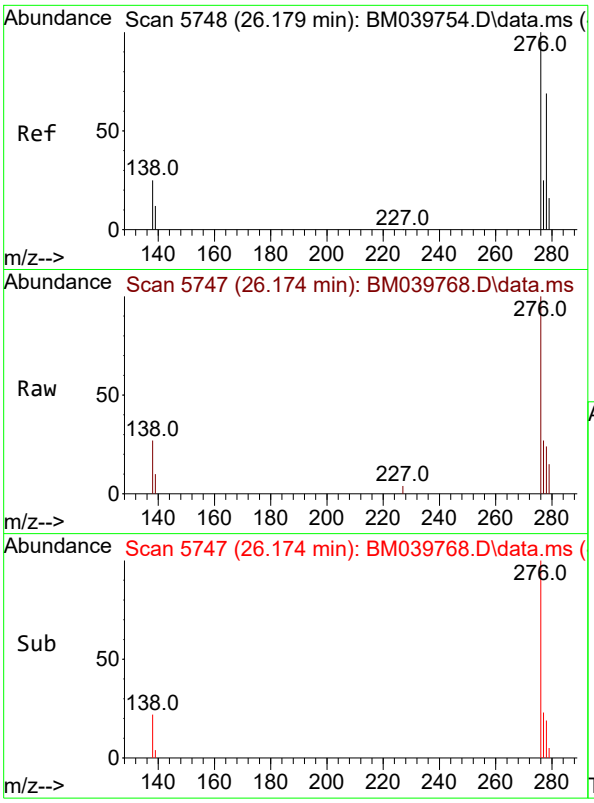


#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.004 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Tgt Ion:252 Resp: 11791

Ion	Ratio	Lower	Upper
252	100		
253	31.2	24.7	37.1
125	21.1	16.5	24.7



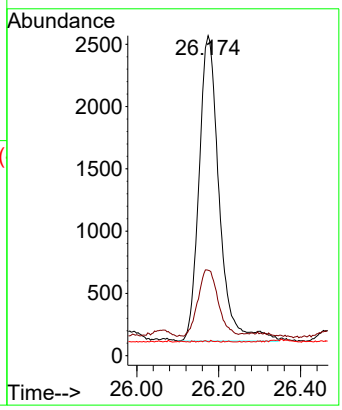


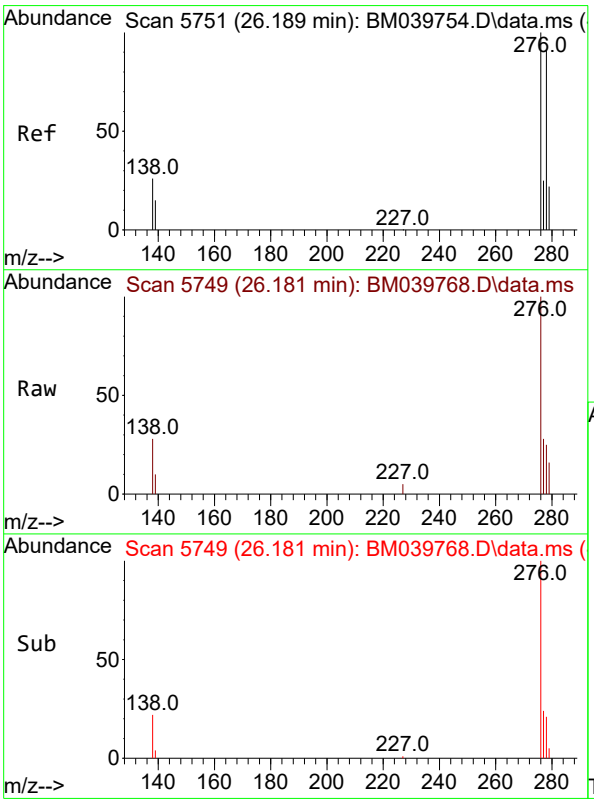
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 26.174 min Scan# 5
Delta R.T. -0.005 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:276 Resp: 8369

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.1	31.7#
227	0.0	0.1	0.1#

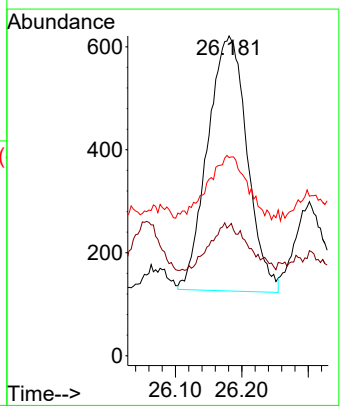


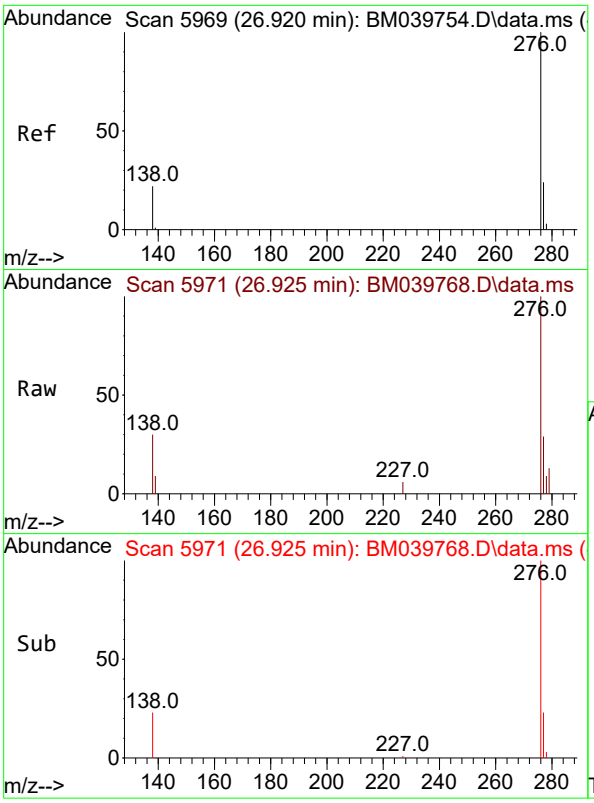


#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.181 min Scan# 5749
Delta R.T. -0.008 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Tgt Ion:278 Resp: 2044

Ion	Ratio	Lower	Upper
278	100		
139	40.6	17.0	25.6#
279	62.0	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 26.925 min Scan# 5
Delta R.T. 0.005 min
Lab File: BM039768.D
Acq: 29 Apr 2023 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4090

Tgt Ion:276 Resp: 6792

Ion	Ratio	Lower	Upper
276	100		
138	29.5	20.1	30.1
277	28.7	20.1	30.1