Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
Data File : BM040240.D
Acq On : 14 Jun 2023 16:22
Operator : MA/JU
Sample : SSTD3.287
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Quant Time: Jun 15 00:21:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:19:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	10879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	37628	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	20941	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	38192	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	33342	0.400	ng/ul	0.00
23) Perylene-d12	23.955	264	29264	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	42488	3.151	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	151509	3.173	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	252367	3.034	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	45151	3.199	ng/ul#	77
5) Naphthalene	10.833	128	280641	3.148	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	181683	3.279	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	190891	3.291	ng/ul	100
10) Acenaphthylene	14.332	152	239410	3.268	ng/ul	99
11) Acenaphthene	14.674	153	198509	3.161	ng/ul	99
12) Fluorene	15.660	166	218827	3.127	ng/ul	100
14) Pentachlorophenol	17.003	266	28401	3.647	ng/ul	99
15) Phenanthrene	17.396	178	323236	3.216	ng/ul	99
16) Anthracene	17.488	178	294303	3.459	ng/ul	98
19) Fluoranthene	19.407	202	348380	3.066	ng/ul	97
20) Pyrene	19.770	202	351941	2.982	ng/ul	97
21) Benzo(a)anthracene	21.512	228	308773	3.137	ng/ul	99
22) Chrysene	21.564	228	312207	3.002	ng/ul	100
24) Benzo(b)fluoranthene	23.213	252	345623	3.205	ng/ul	90
25) Benzo(k)fluoranthene	23.260	252	332131	3.275	ng/ul#	89
26) Benzo(a)pyrene	23.844	252	292175	3.304	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.471	276	411551	3.674	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.491	278	334393	3.719	ng/ul	95
29) Benzo(g,h,i)perylene	27.242	276	341048	3.646	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061423\
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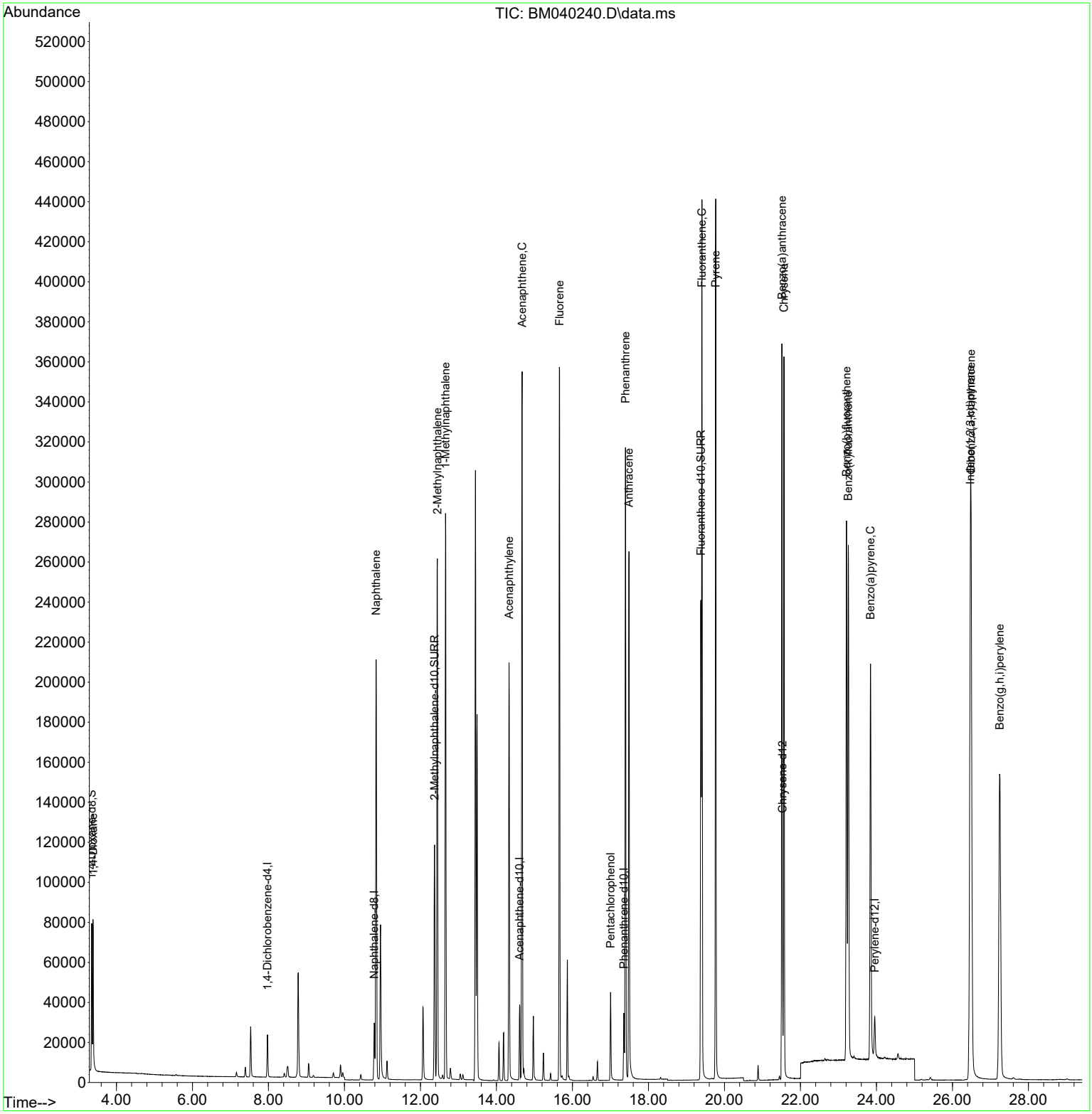
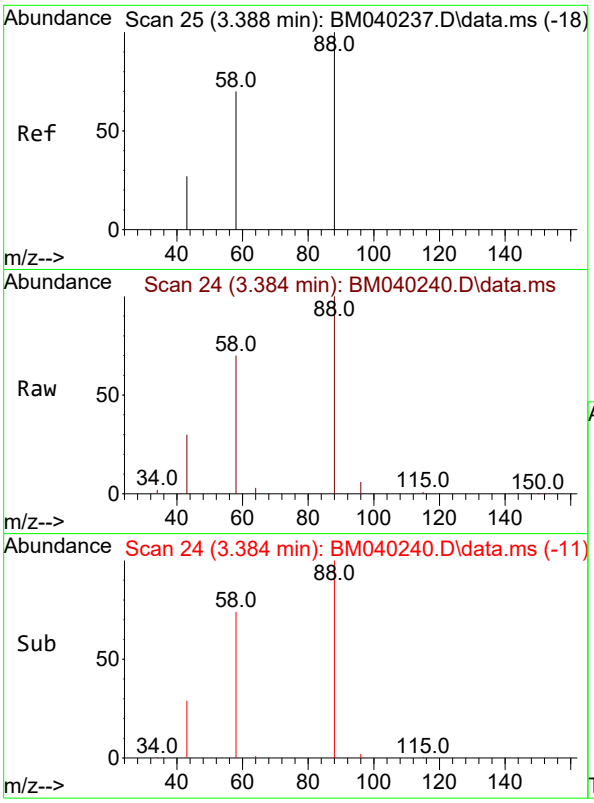


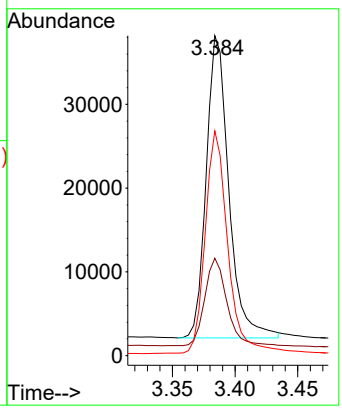


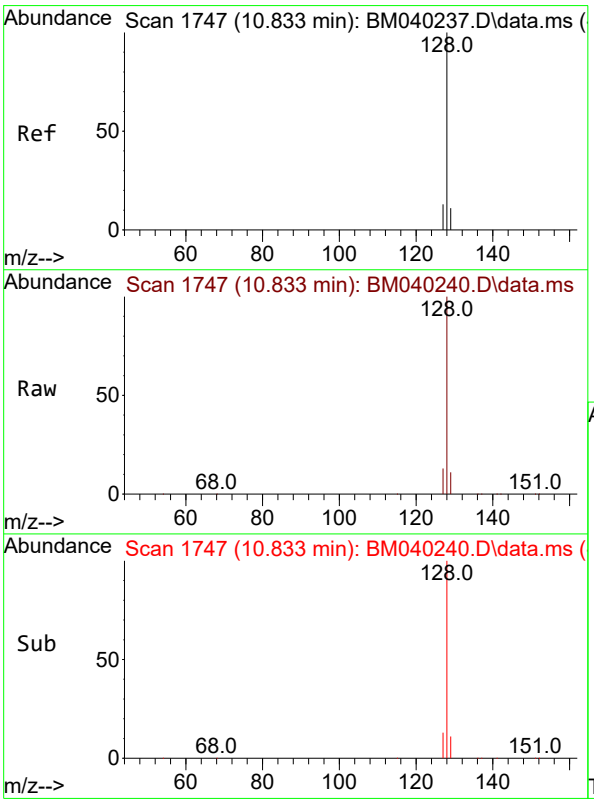
#2
1,4-Dioxane
Concen: 3.199 ng/ul
RT: 3.384 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion: 88 Resp: 45151

Ion	Ratio	Lower	Upper
88	100		
43	30.4	30.3	45.5
58	70.3	38.8	58.2#

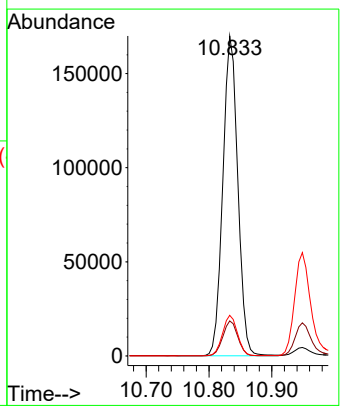


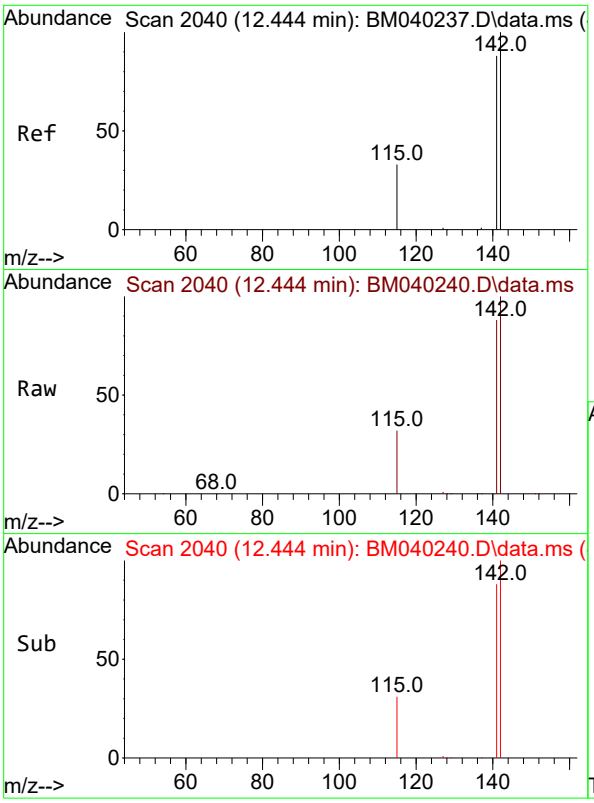


#5
Naphthalene
Concen: 3.148 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:128 Resp: 280641

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.7	10.4	15.6



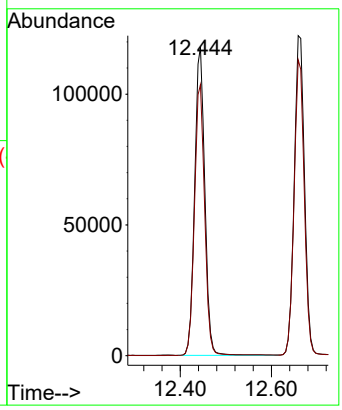


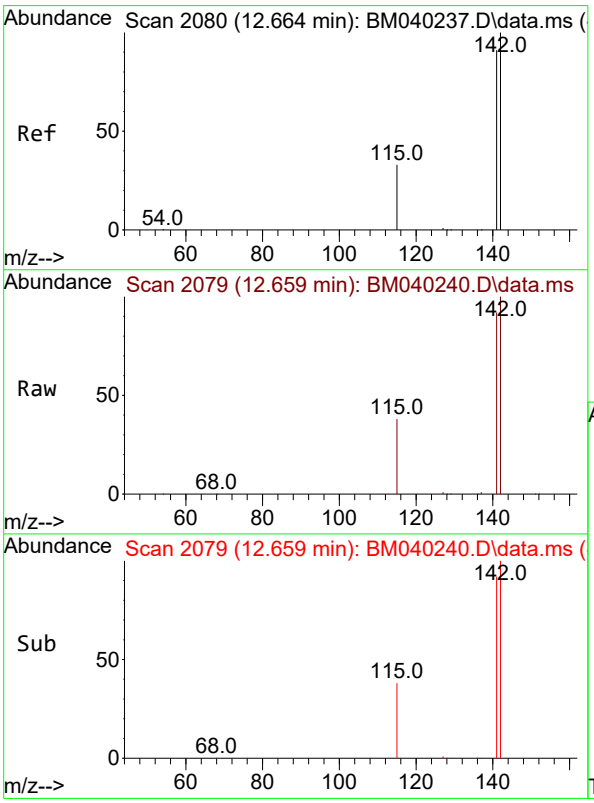
#7
2-Methylnaphthalene
Concen: 3.279 ng/ul
RT: 12.444 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:142 Resp: 181683

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	106.0

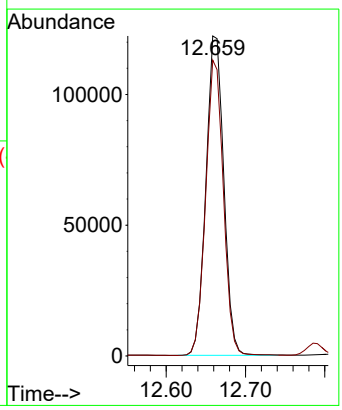


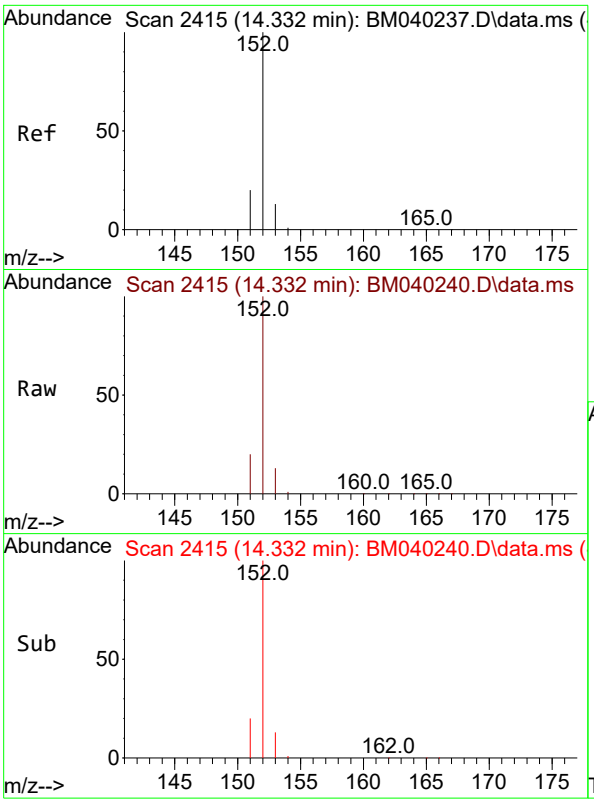


#8
1-Methylnaphthalene
Concen: 3.291 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:142 Resp: 190891

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.0	109.4



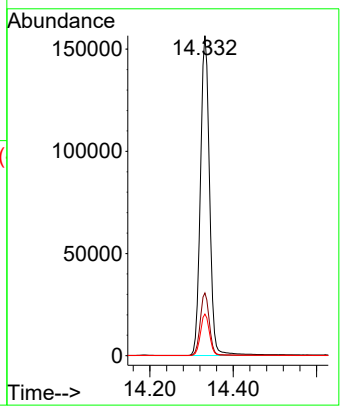


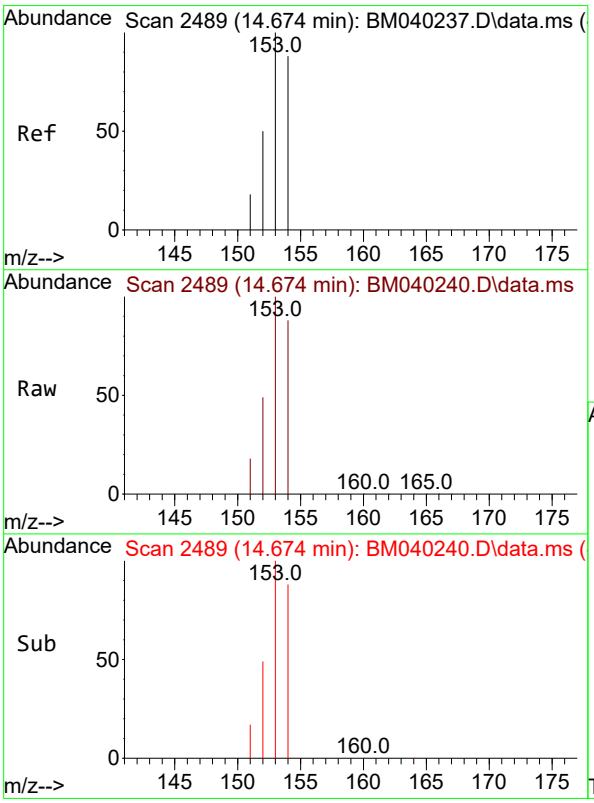
#10
Acenaphthylene
Concen: 3.268 ng/ul
RT: 14.332 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:152 Resp: 239410

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.0	10.7	16.1

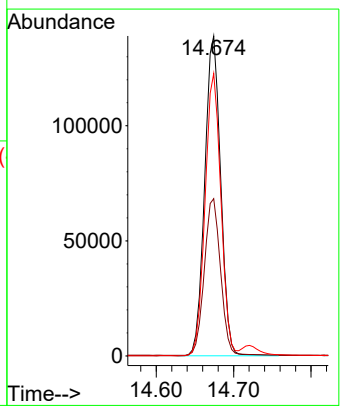


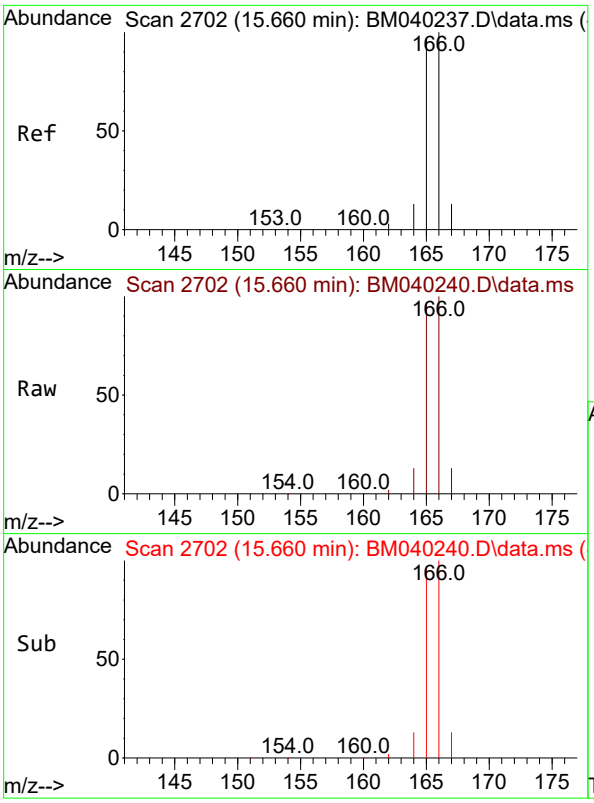


#11
Acenaphthene
Concen: 3.161 ng/ul
RT: 14.674 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:153 Resp: 198509

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.3	60.5
154	88.2	70.5	105.7



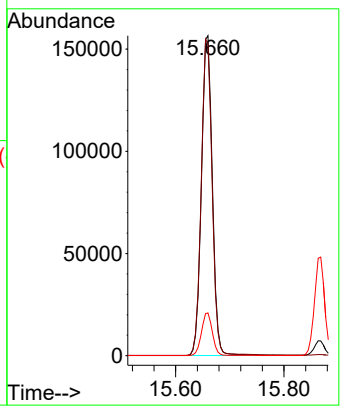


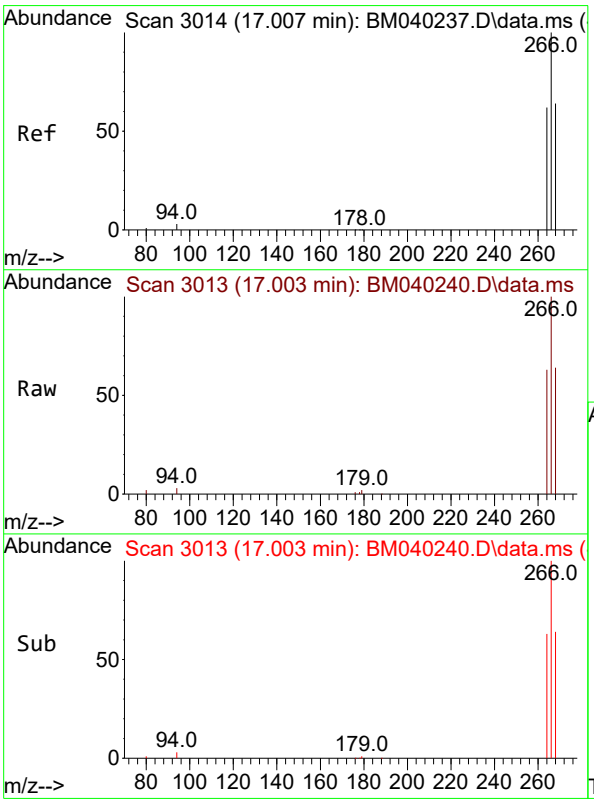
#12
Fluorene
Concen: 3.127 ng/ul
RT: 15.660 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:166 Resp: 218827

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.4
167	13.4	11.0	16.4

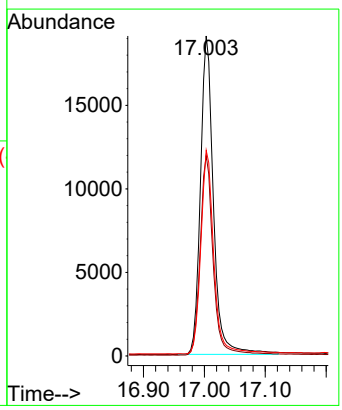


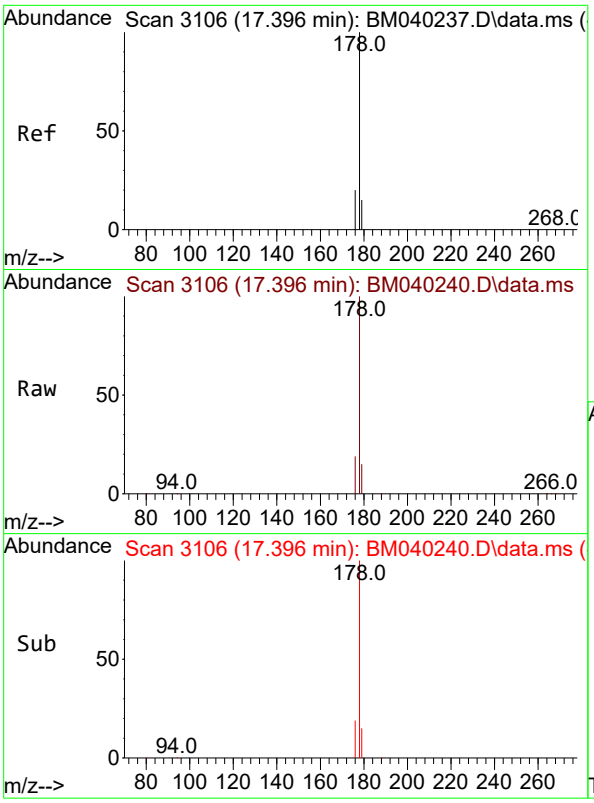


#14
Pentachlorophenol
Concen: 3.647 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:266 Resp: 28401

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.4	74.0
268	63.8	51.3	76.9



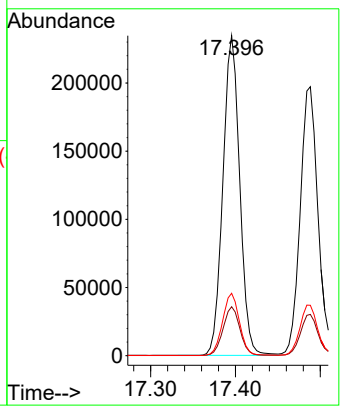


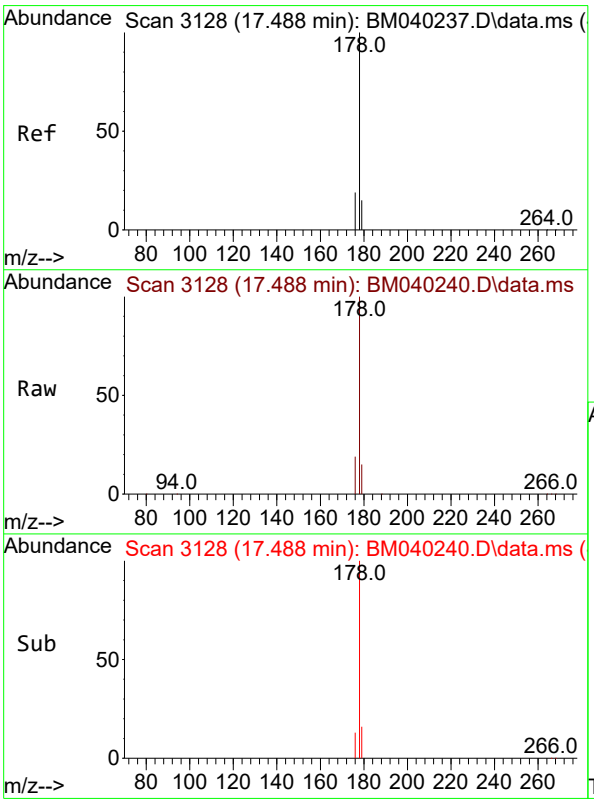
#15
Phenanthrene
Concen: 3.216 ng/ul
RT: 17.396 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:178 Resp: 323236

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.5	16.1	24.1

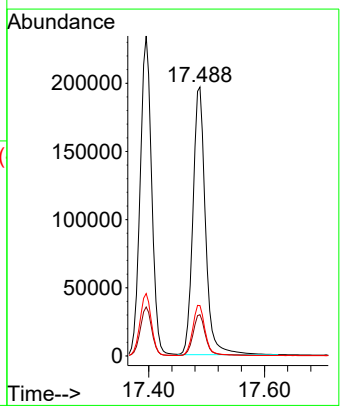


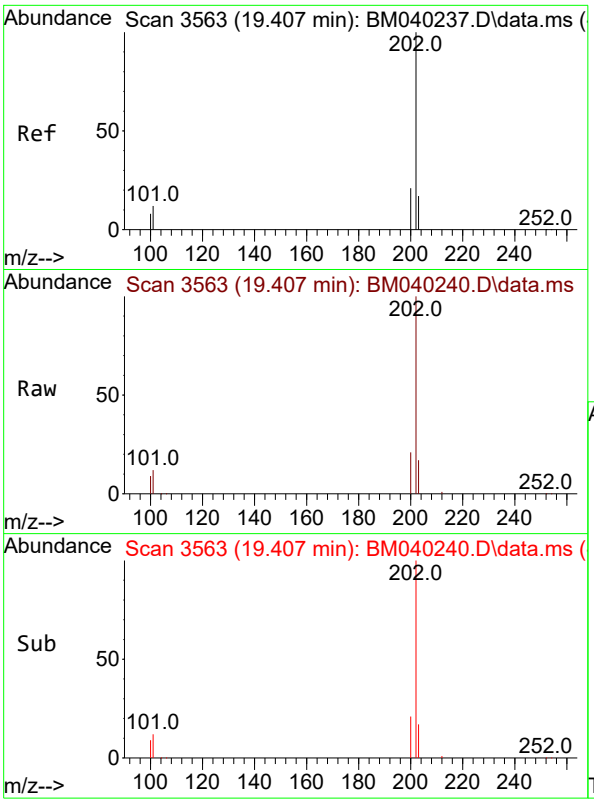


#16
Anthracene
Concen: 3.459 ng/ul
RT: 17.488 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:178 Resp: 294303

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	18.7	15.5	23.3



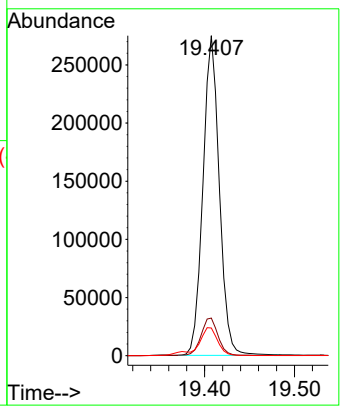


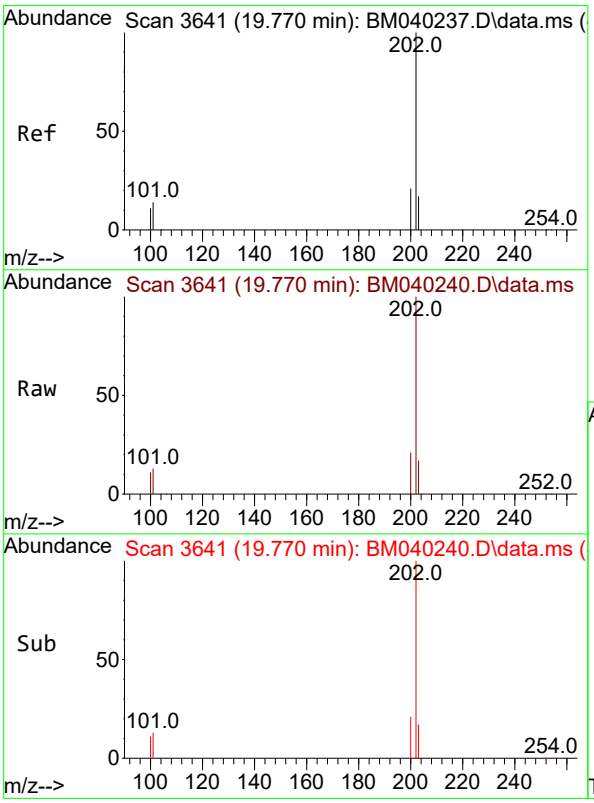
#19
Fluoranthene
Concen: 3.066 ng/ul
RT: 19.407 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:202 Resp: 348380

Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.2	15.4
100	8.7	7.6	11.4

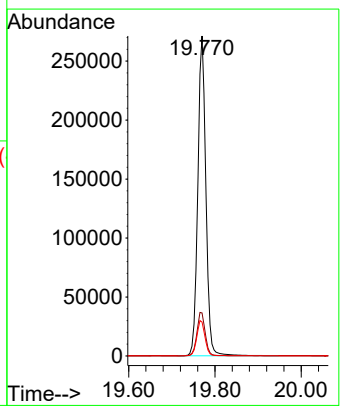


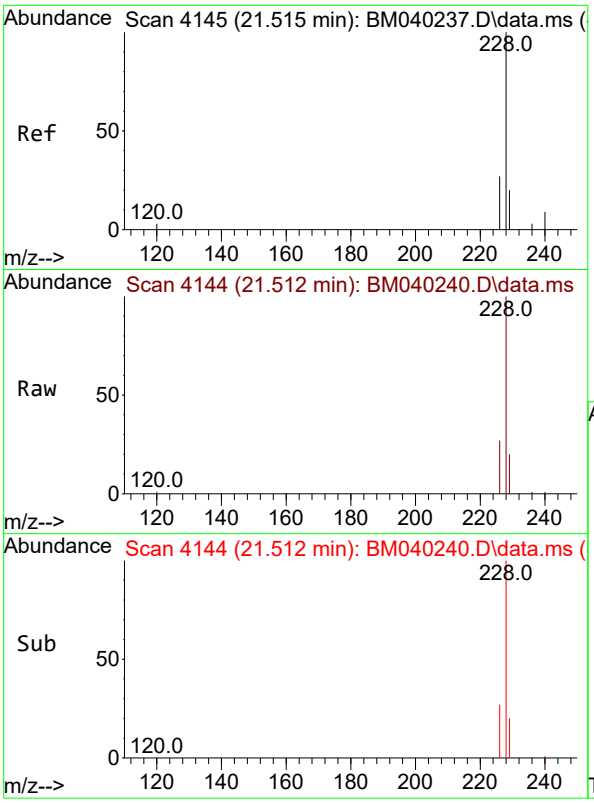


#20
Pyrene
Concen: 2.982 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:202 Resp: 351941

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.8	17.8
100	10.6	9.3	13.9



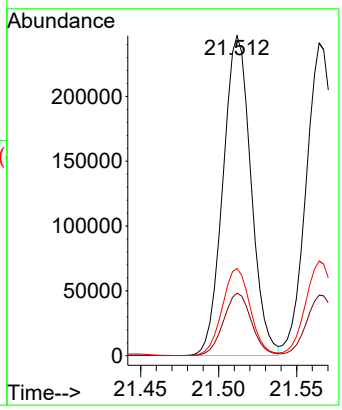


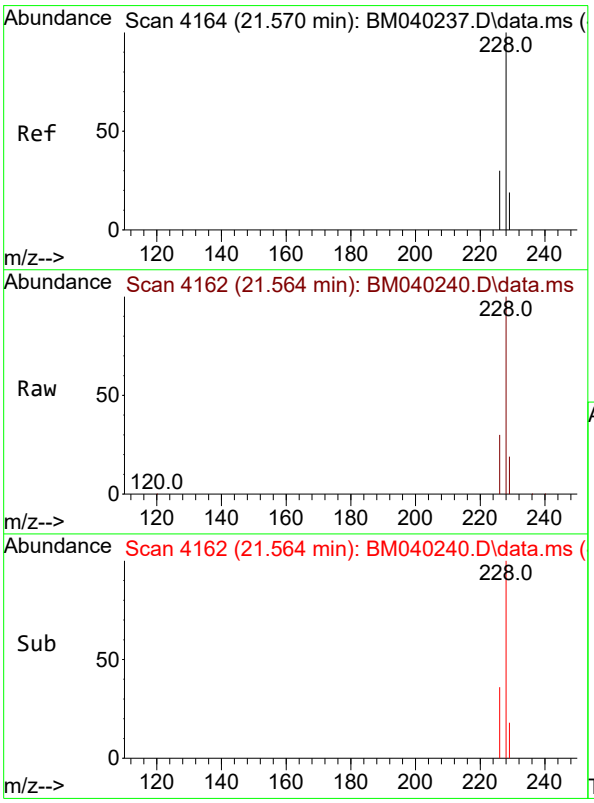
#21
Benzo(a)anthracene
Concen: 3.137 ng/ul
RT: 21.512 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:228 Resp: 308773

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.8
226	27.3	22.0	33.0

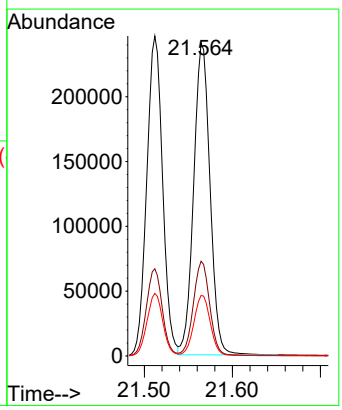


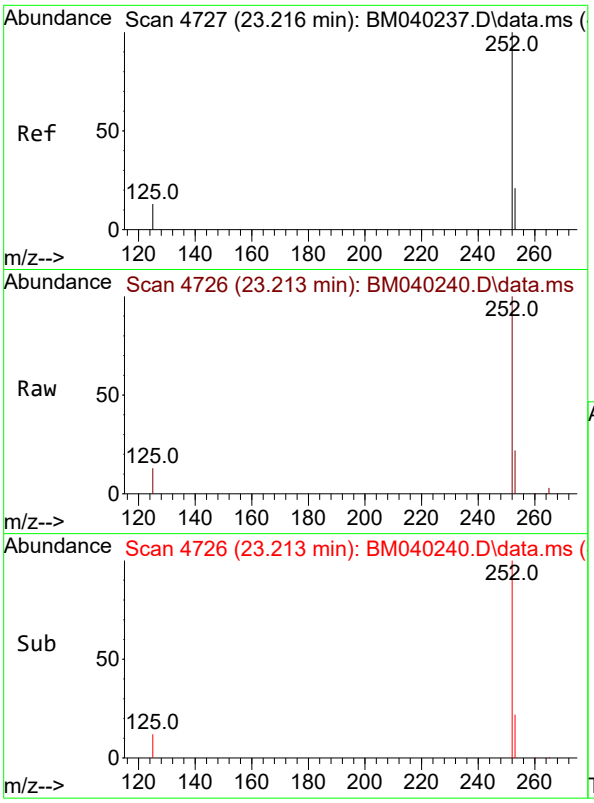


#22
Chrysene
Concen: 3.002 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:228 Resp: 312207

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.3	15.7	23.5



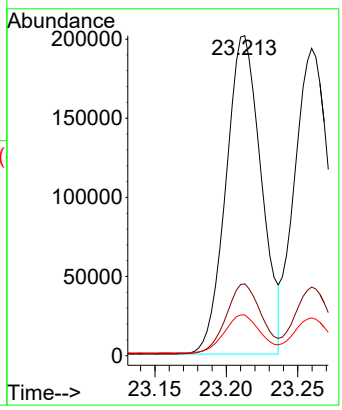


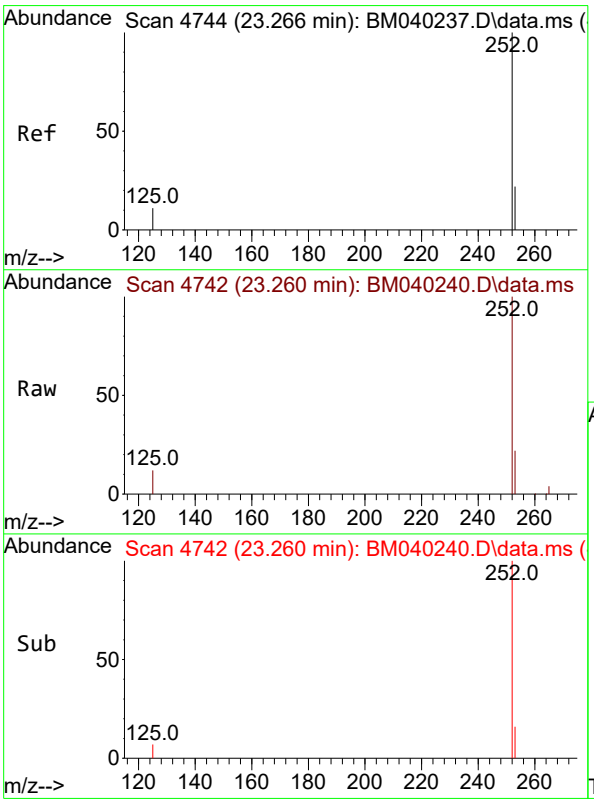
#24
Benzo(b)fluoranthene
Concen: 3.205 ng/ul
RT: 23.213 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 345623

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	52.4
125	12.8	0.0	38.4

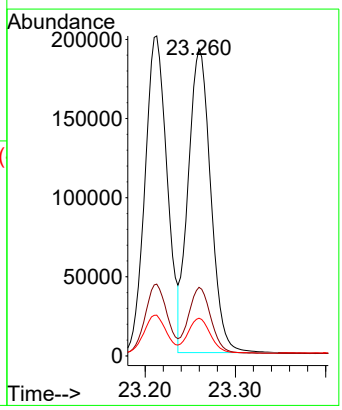


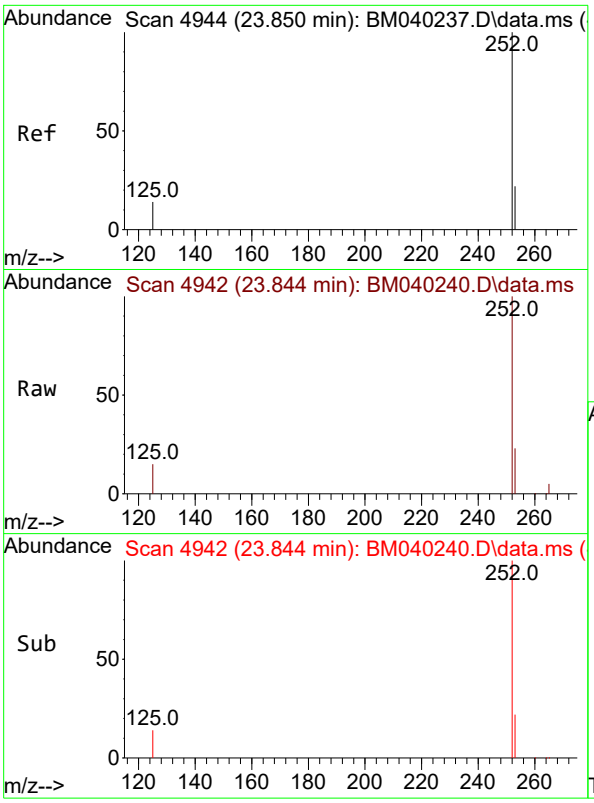


#25
Benzo(k)fluoranthene
Concen: 3.275 ng/ul
RT: 23.260 min Scan# 4742
Delta R.T. -0.006 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:252 Resp: 332131

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.5	32.3
125	12.3	14.7	22.1#



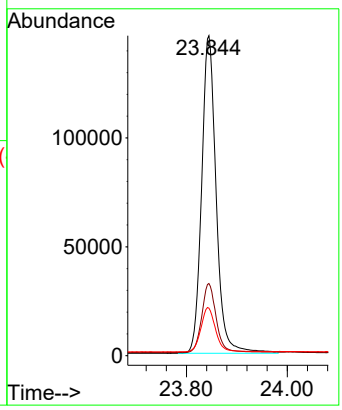


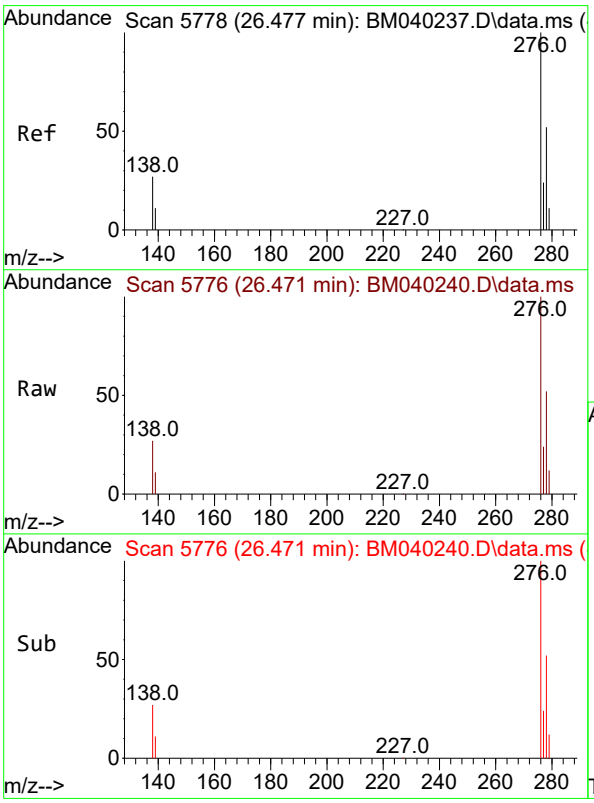
#26
Benzo(a)pyrene
Concen: 3.304 ng/ul
RT: 23.844 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:252 Resp: 292175

Ion	Ratio	Lower	Upper
252	100		
253	22.5	23.4	35.0#
125	14.9	19.7	29.5#

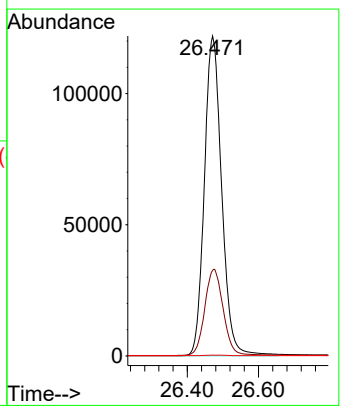


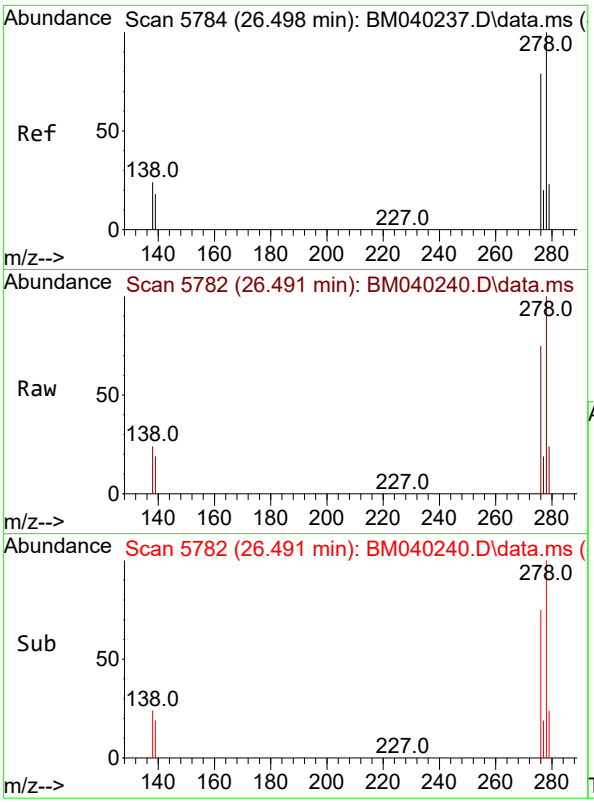


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.674 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:276 Resp: 411551

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.3	34.9
227	0.2	0.1	0.1#



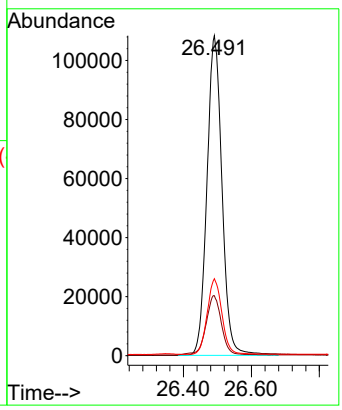


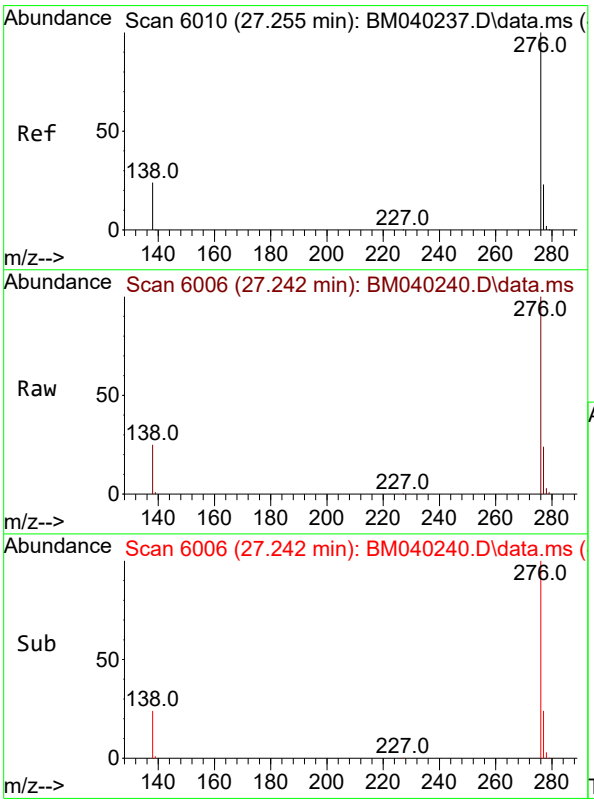
#28
Dibenzo(a,h)anthracene
Concen: 3.719 ng/ul
RT: 26.491 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Instrument :
BNA_M
ClientSampleId :
SSTD3.2020

Tgt Ion:278 Resp: 334393

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.4	24.6
279	24.1	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 3.646 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040240.D
Acq: 14 Jun 2023 16:22

Tgt Ion:276 Resp: 341048

Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.0	31.4
277	23.8	19.6	29.4