Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042192.D
Acq On : 04 Oct 2023 17:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Quant Time: Oct 05 01:54:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3656	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	9432	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	3817	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	7925	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	4972	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	5116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	2155	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4769	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	7365	0.395	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	2246	0.442	ng/ul	90
5) Naphthalene	10.795	128	12107	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	6805	0.361	ng/ul	94
8) 1-Methylnaphthalene	12.627	142	6833	0.360	ng/ul	97
10) Acenaphthylene	14.314	152	9701	0.402	ng/ul	99
11) Acenaphthene	14.647	153	7575	0.415	ng/ul	98
12) Fluorene	15.642	166	8407	0.409	ng/ul	99
14) Pentachlorophenol	16.978	266	1407	0.392	ng/ul	99
15) Phenanthrene	17.383	178	13334	0.408	ng/ul	99
16) Anthracene	17.476	178	11396	0.381	ng/ul	99
19) Fluoranthene	19.389	202	15850	0.420	ng/ul	95
20) Pyrene	19.756	202	16803	0.419	ng/ul	96
21) Benzo(a)anthracene	21.495	228	12662	0.394	ng/ul	99
22) Chrysene	21.547	228	13894	0.445	ng/ul	99
24) Benzo(b)fluoranthene	23.172	252	14587	0.483	ng/ul	98
25) Benzo(k)fluoranthene	23.222	252	14203	0.478	ng/ul	98
26) Benzo(a)pyrene	23.810	252	12041	0.463	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.411	276	17377	0.471	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.428	278	12755	0.459	ng/ul	95
29) Benzo(g,h,i)perylene	27.183	276	15223	0.494	ng/ul	96

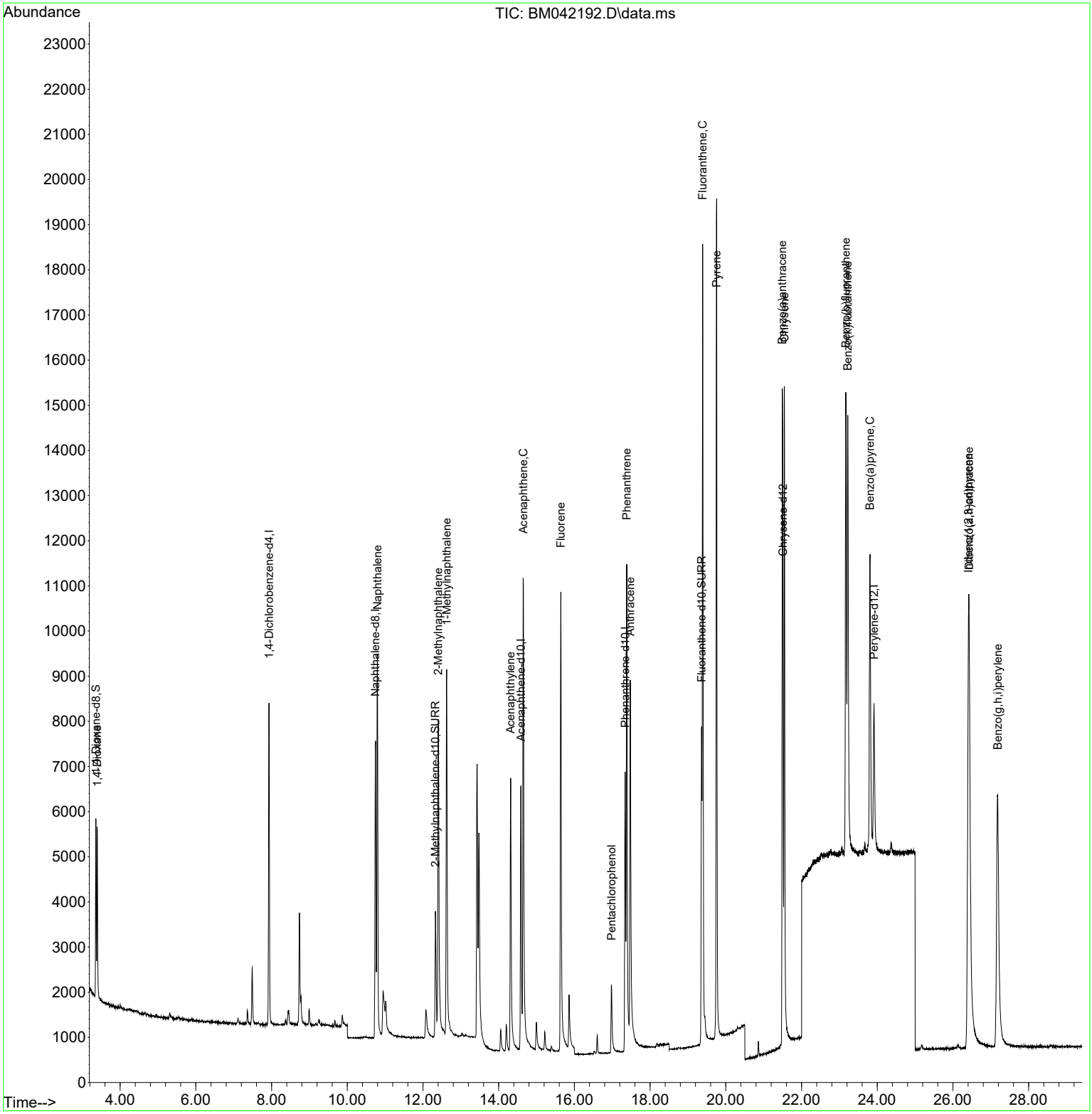
(#) = qualifier out of range (m) = manual integration (+) = signals summed

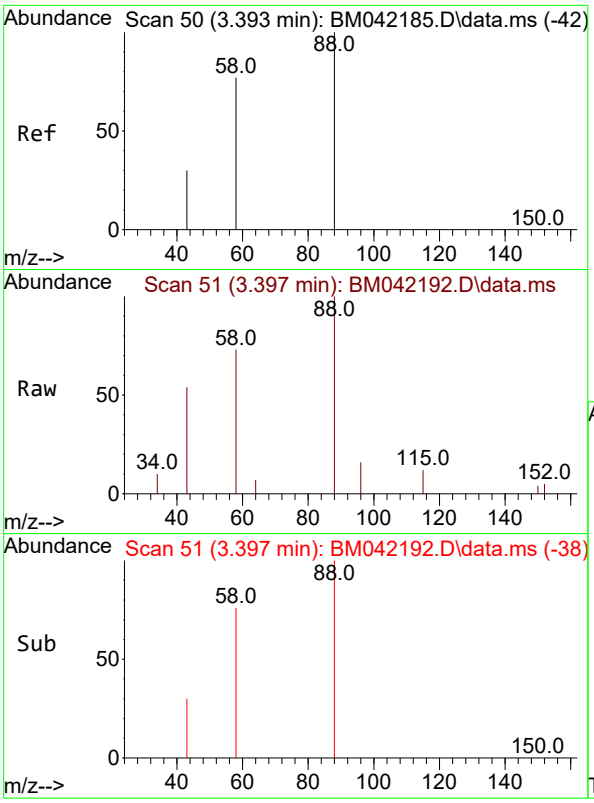
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042192.D
Acq On : 04 Oct 2023 17:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Quant Time: Oct 05 01:54:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration



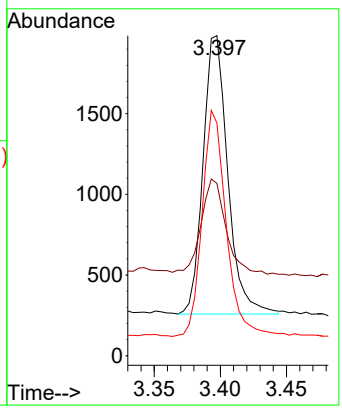


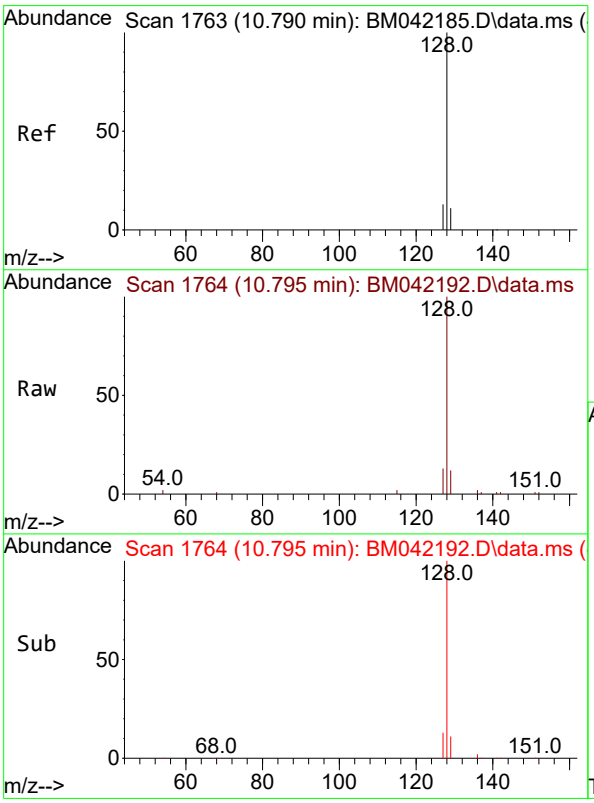
#2
1,4-Dioxane
Concen: 0.442 ng/ul
RT: 3.397 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion: 88 Resp: 2246

Ion	Ratio	Lower	Upper
88	100		
43	53.9	52.1	78.1
58	72.7	53.8	80.6

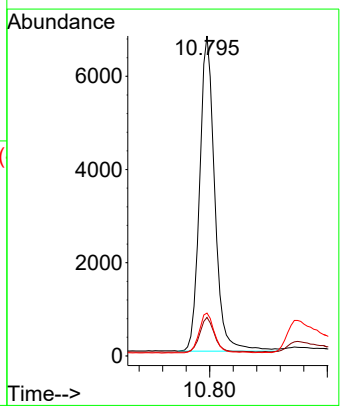


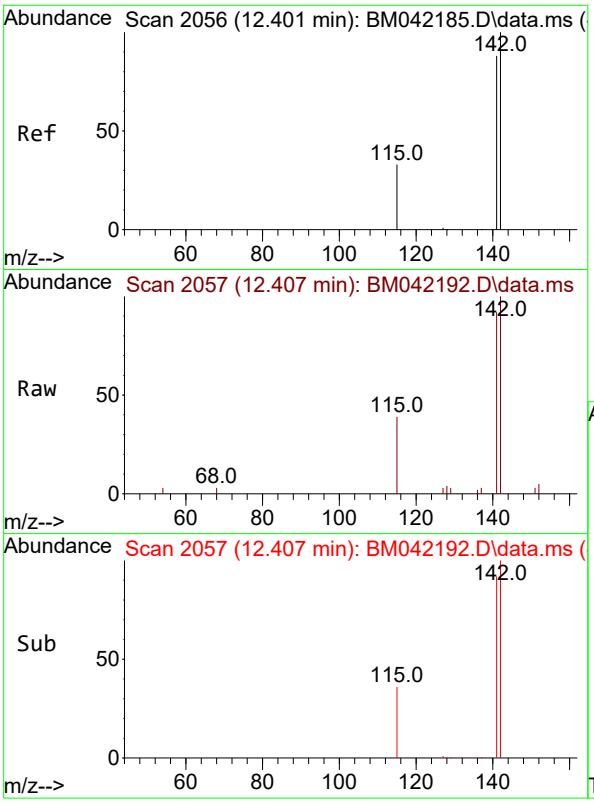


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.795 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:128 Resp: 12107

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.4	11.0	16.4



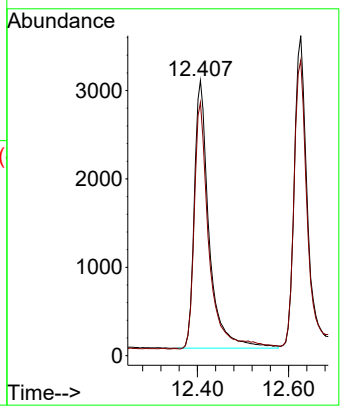


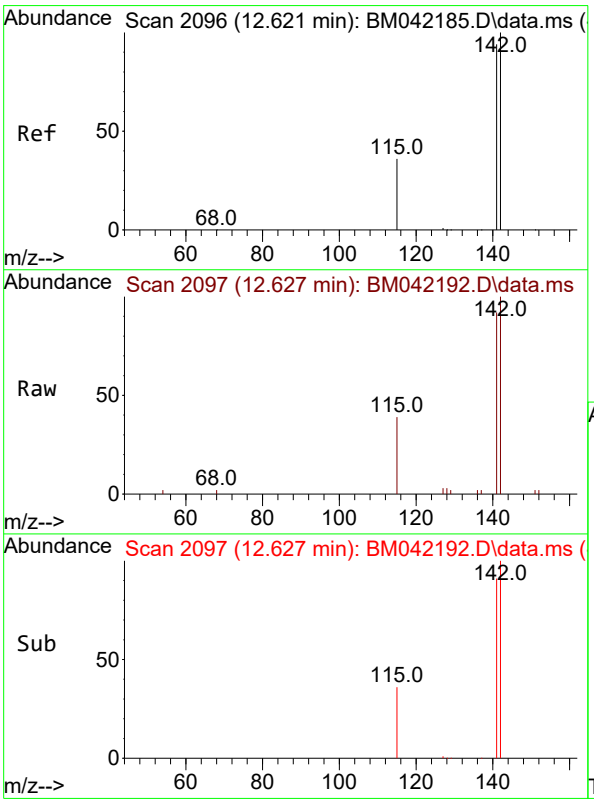
#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.407 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:142 Resp: 6805

Ion	Ratio	Lower	Upper
142	100		
141	93.5	70.2	105.4

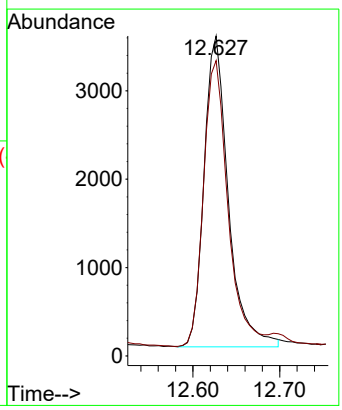


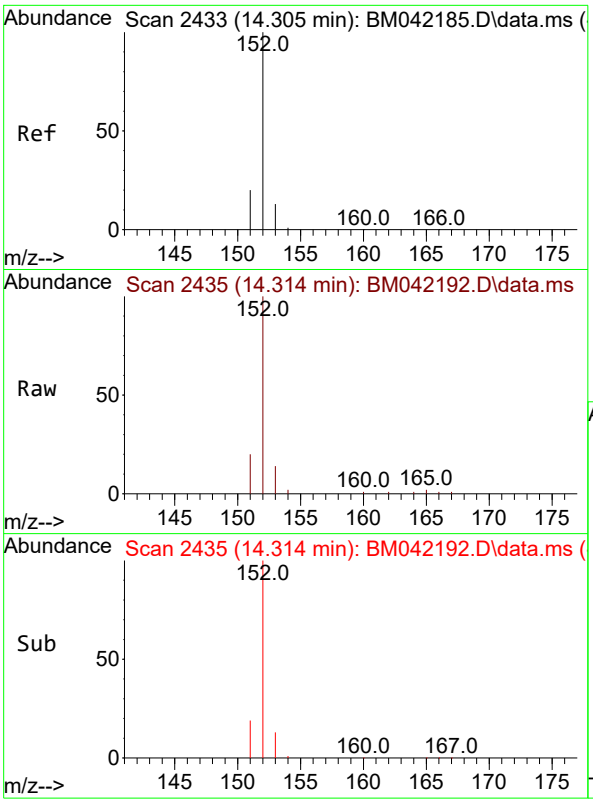


#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:142 Resp: 6833

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.5	110.3



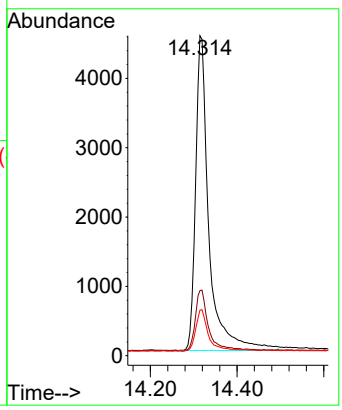


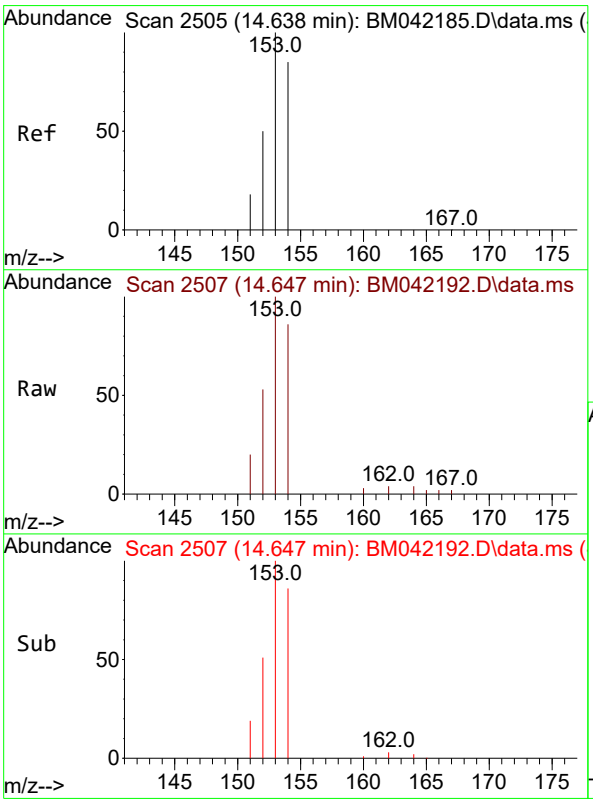
#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.314 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:152 Resp: 9701

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	14.3	10.9	16.3

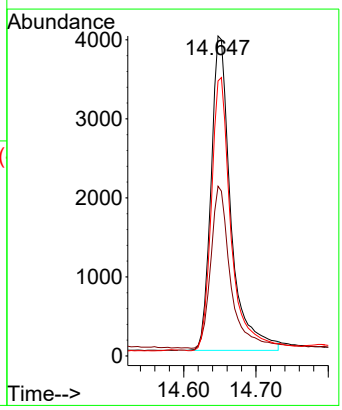


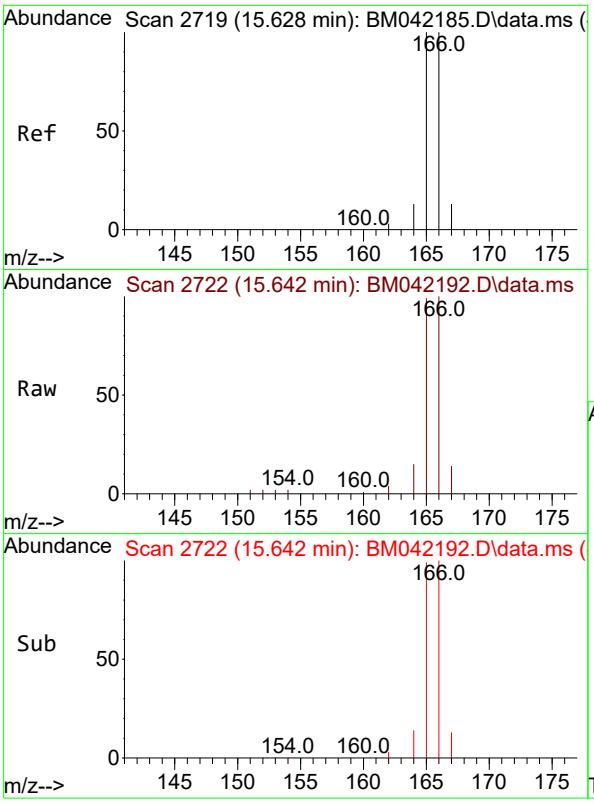


#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.647 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:153 Resp: 7575

Ion	Ratio	Lower	Upper
153	100		
152	53.1	41.1	61.7
154	85.9	69.5	104.3



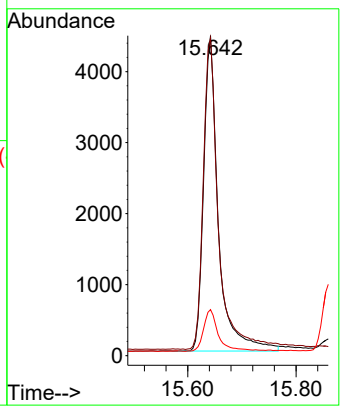


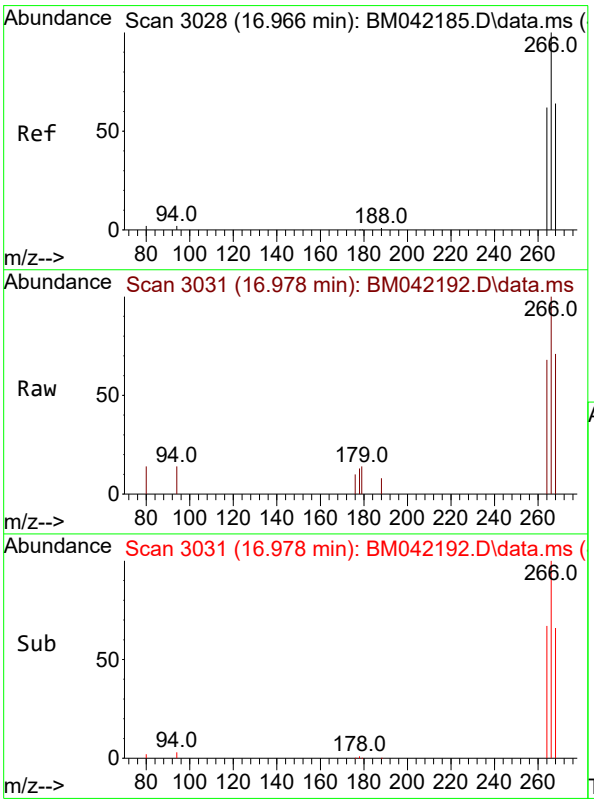
#12
Fluorene
Concen: 0.409 ng/ul
RT: 15.642 min Scan# 2
Delta R.T. 0.004 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:166 Resp: 8407

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.4	117.6
167	14.4	11.5	17.3

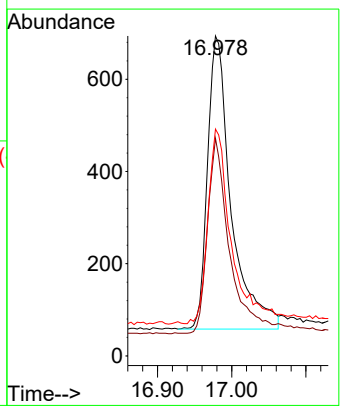


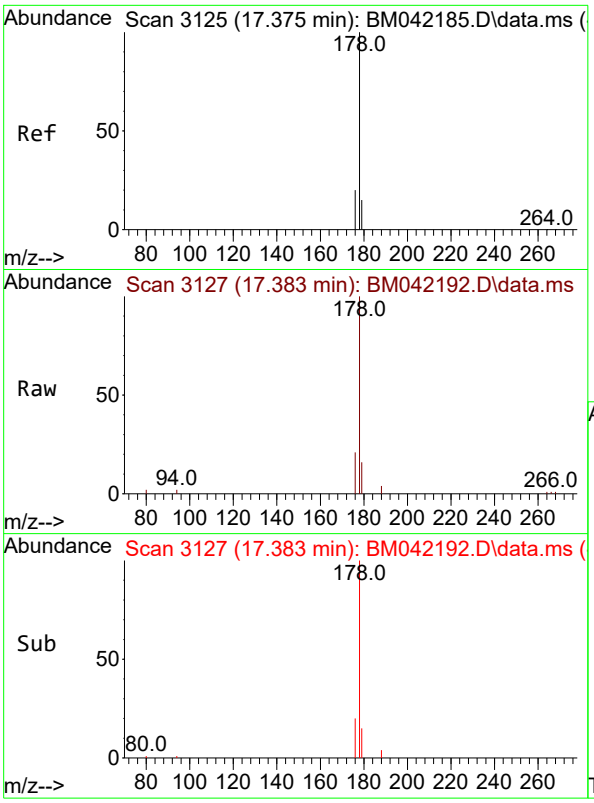


#14
Pentachlorophenol
Concen: 0.392 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:266 Resp: 1407

Ion	Ratio	Lower	Upper
266	100		
264	61.6	51.1	76.7
268	65.2	52.1	78.1



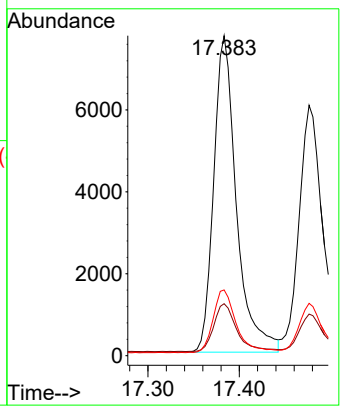


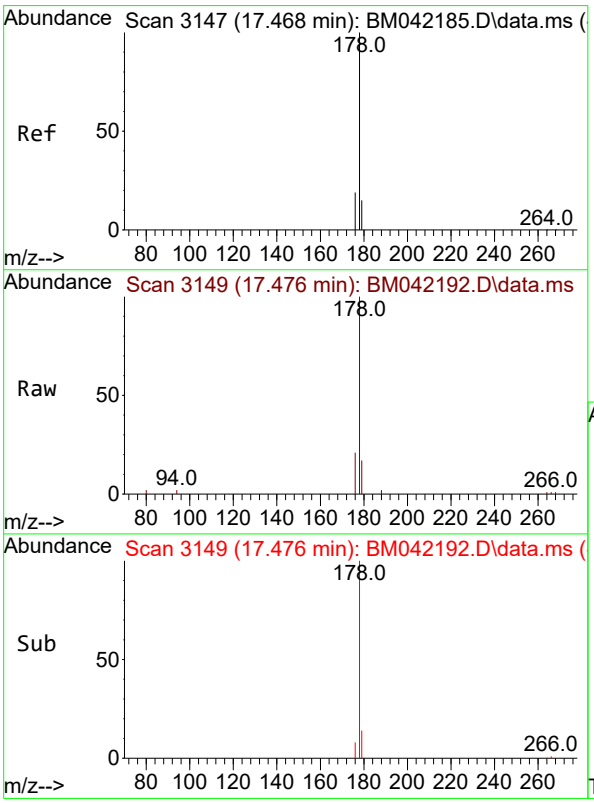
#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.383 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:178 Resp: 13334

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	20.6	16.8	25.2

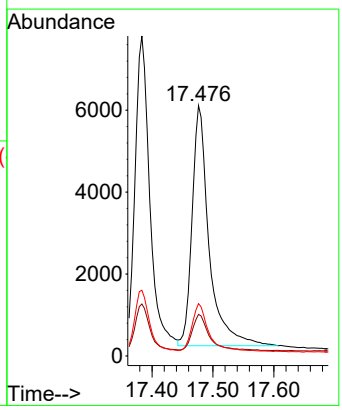


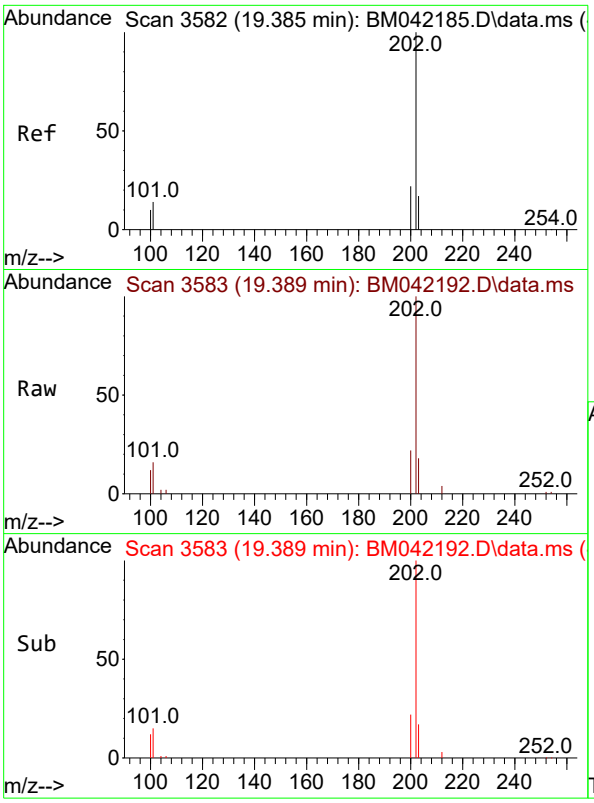


#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:178 Resp: 11396

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	20.9	16.3	24.5



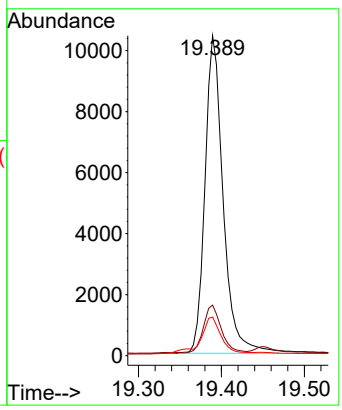


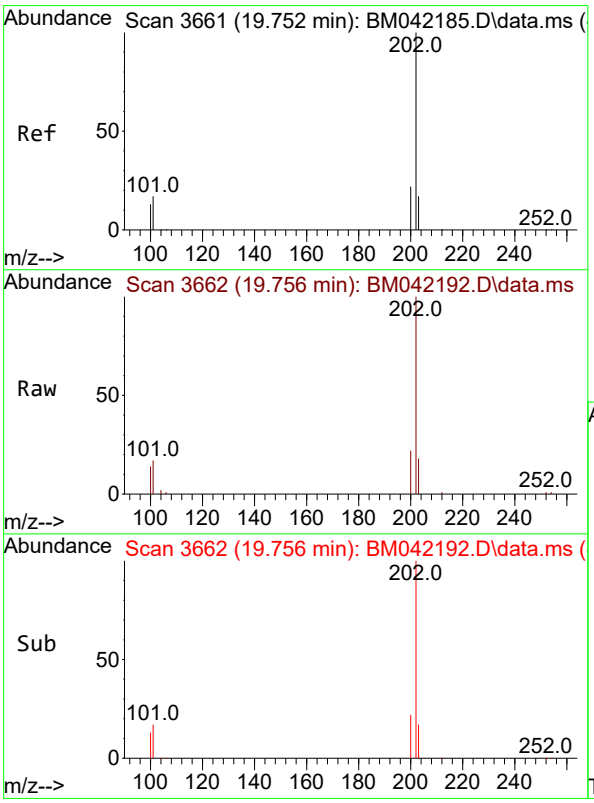
#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:202 Resp: 15850

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.1	16.7
100	12.0	8.2	12.2

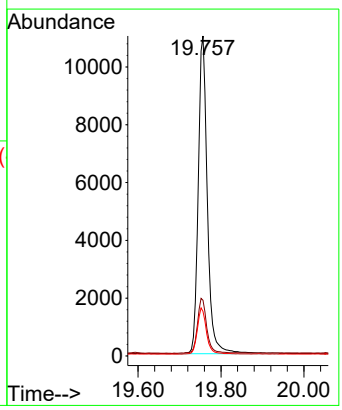


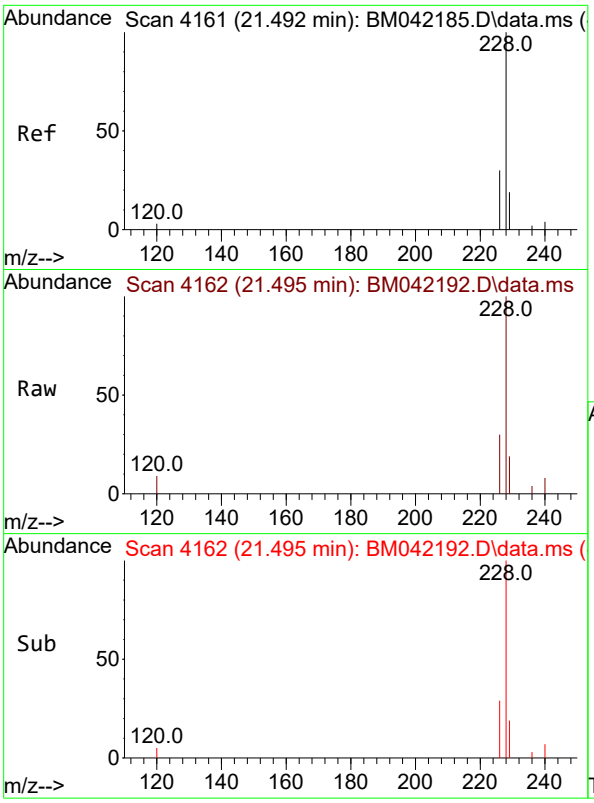


#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.756 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:202 Resp: 16803

Ion	Ratio	Lower	Upper
202	100		
101	17.4	12.7	19.1
100	13.9	9.9	14.9



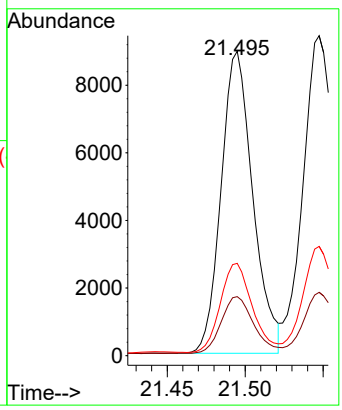


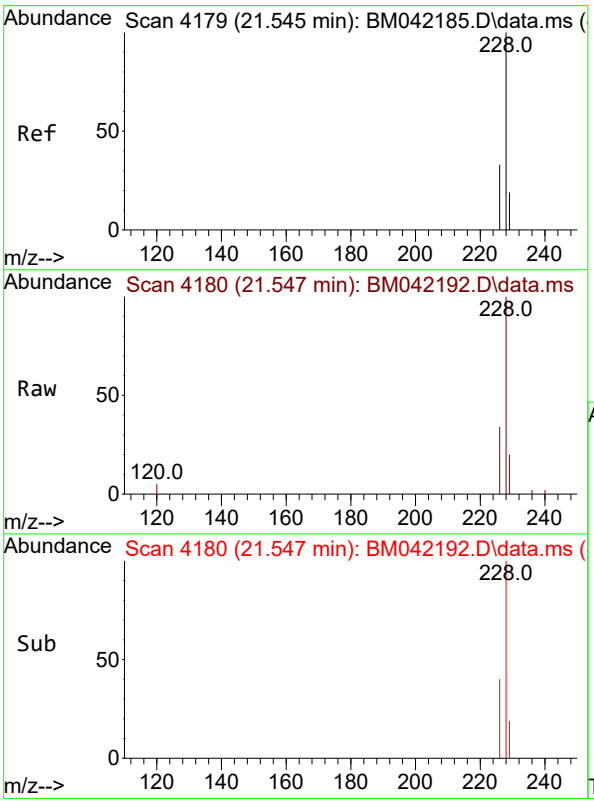
#21
Benzo(a)anthracene
Concen: 0.394 ng/ul
RT: 21.495 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:228 Resp: 12662

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.8
226	30.3	24.6	37.0

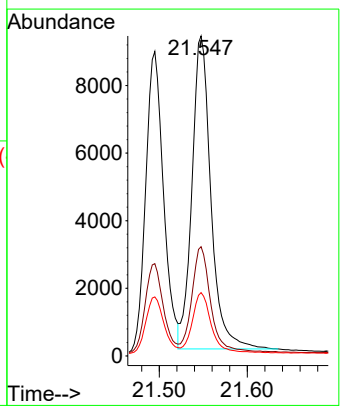


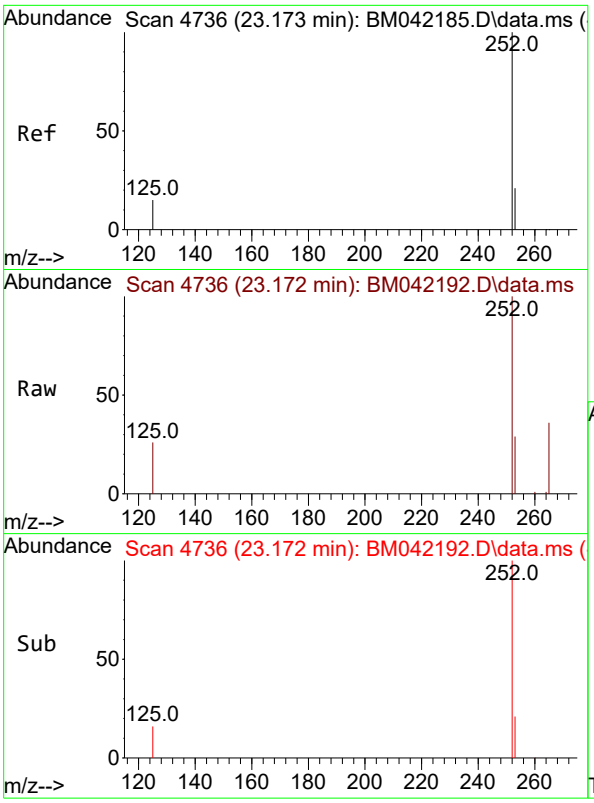


#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:228 Resp: 13894

Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.7	40.1
229	19.8	15.8	23.8



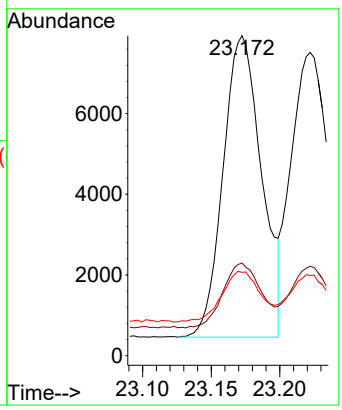


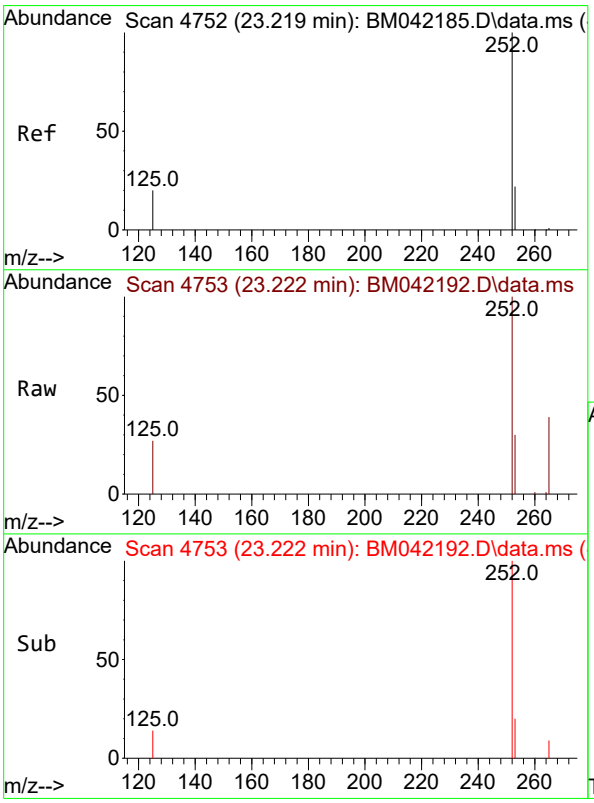
#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.172 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:252 Resp: 14587

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	59.0
125	26.1	0.0	49.6

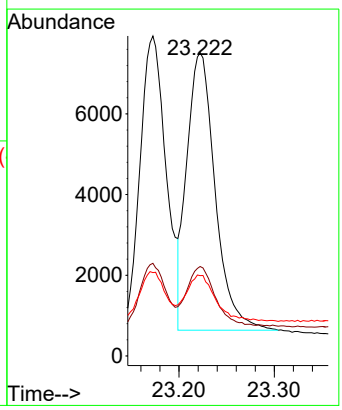


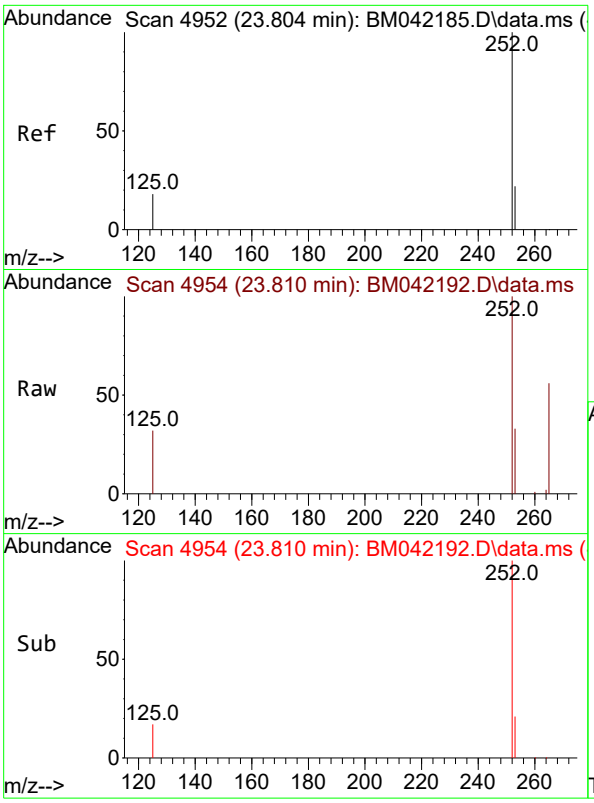


#25
Benzo(k)fluoranthene
Concen: 0.478 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:252 Resp: 14203

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.4	35.0
125	26.5	19.9	29.9



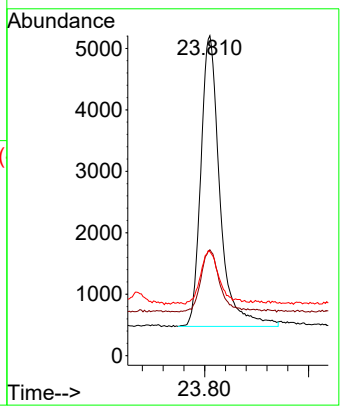


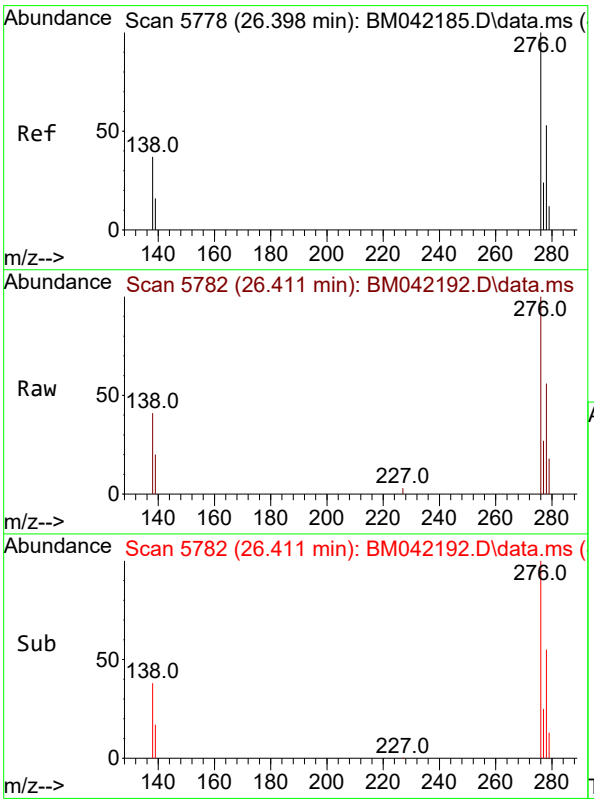
#26
Benzo(a)pyrene
Concen: 0.463 ng/ul
RT: 23.810 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:252 Resp: 12041

Ion	Ratio	Lower	Upper
252	100		
253	33.1	25.3	37.9
125	32.5	23.2	34.8

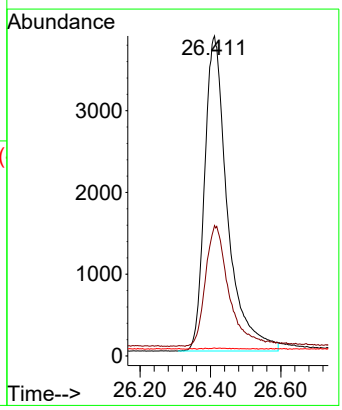


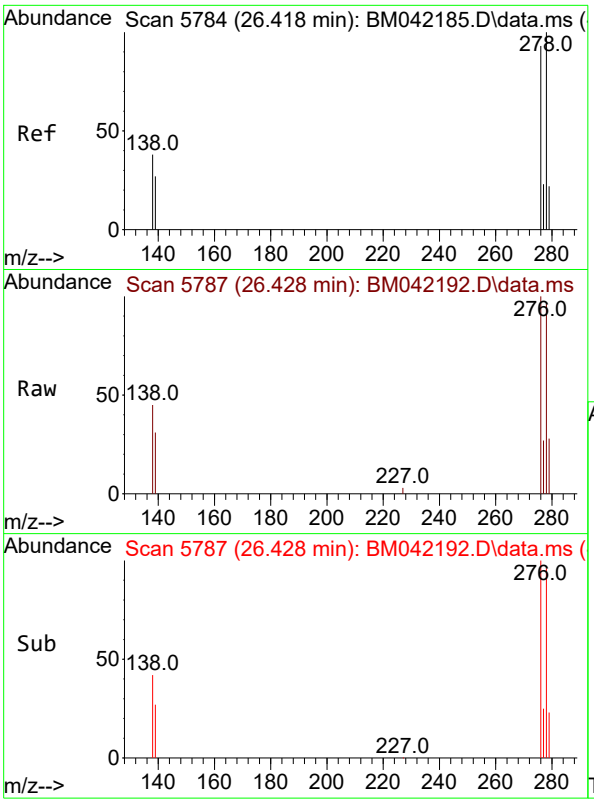


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.471 ng/ul
RT: 26.411 min Scan# 5782
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:276 Resp: 17377

Ion	Ratio	Lower	Upper
276	100		
138	39.6	26.7	40.1
227	0.1	0.2	0.2#



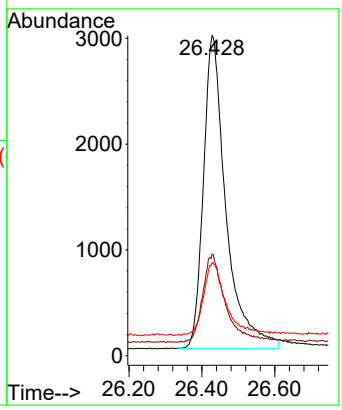


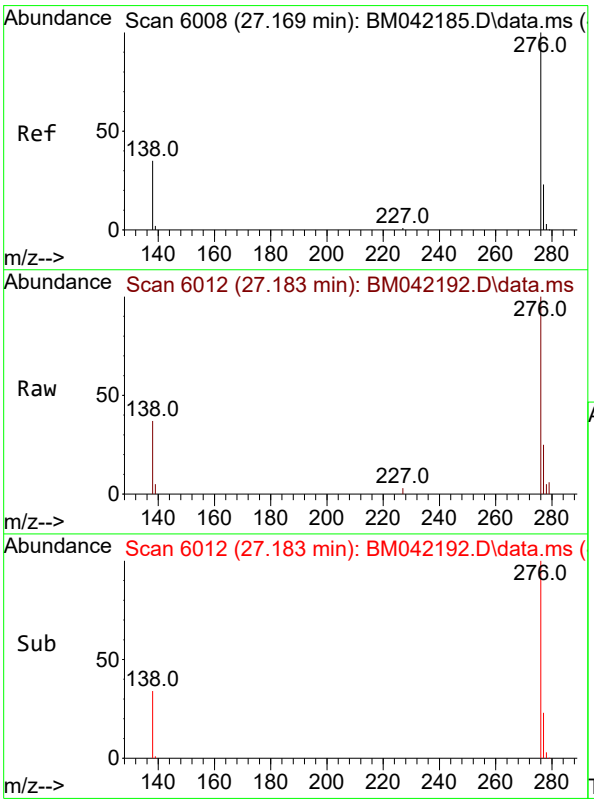
#28
Dibenzo(a,h)anthracene
Concen: 0.459 ng/ul
RT: 26.428 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Instrument :
BNA_M
ClientSampleId :
SSTD0.4110

Tgt Ion:278 Resp: 12755

Ion	Ratio	Lower	Upper
278	100		
139	31.7	21.7	32.5
279	29.1	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.494 ng/ul
RT: 27.183 min Scan# 6012
Delta R.T. -0.013 min
Lab File: BM042192.D
Acq: 04 Oct 2023 17:30

Tgt Ion:276 Resp: 15223

Ion	Ratio	Lower	Upper
276	100		
138	37.1	26.8	40.2
277	25.1	20.1	30.1