Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
Data File : BM034392.D
Acq On : 28 Mar 2022 15:24
Operator : CG/JU
Sample : SSTD0.209
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Quant Time: Mar 28 17:17:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 17:15:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2785	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	7623	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	3922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	6986	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	5919	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	6281	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	973	0.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	2066	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.348	212	3715	0.208	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	1047	0.333	ng/ul#	75
5) Naphthalene	10.801	128	4379	0.209	ng/ul	93
7) 2-Methylnaphthalene	12.418	142	2745	0.186	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	2715	0.185	ng/ul	98
10) Acenaphthylene	14.301	152	3880	0.235	ng/ul	95
11) Acenaphthene	14.638	153	2940	0.220	ng/ul	95
12) Fluorene	15.628	166	3095	0.191	ng/ul	99
14) Pentachlorophenol	16.987	266	609	0.272	ng/ul	99
15) Phenanthrene	17.367	178	4499	0.213	ng/ul	99
16) Anthracene	17.460	178	3898	0.204	ng/ul	99
19) Fluoranthene	19.380	202	5435	0.224	ng/ul#	95
20) Pyrene	19.738	202	6075	0.250	ng/ul#	91
21) Benzo(a)anthracene	21.486	228	3686	0.179	ng/ul	93
22) Chrysene	21.539	228	4281	0.195	ng/ul#	95
24) Benzo(b)fluoranthene	23.182	252	4530	0.177	ng/ul#	40
25) Benzo(k)fluoranthene	23.231	252	4136	0.159	ng/ul#	50
26) Benzo(a)pyrene	23.813	252	4673	0.216	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	26.441	276	6008	0.199	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.468	278	4437	0.180	ng/ul#	34
29) Benzo(g,h,i)perylene	27.209	276	5898	0.223	ng/ul#	78

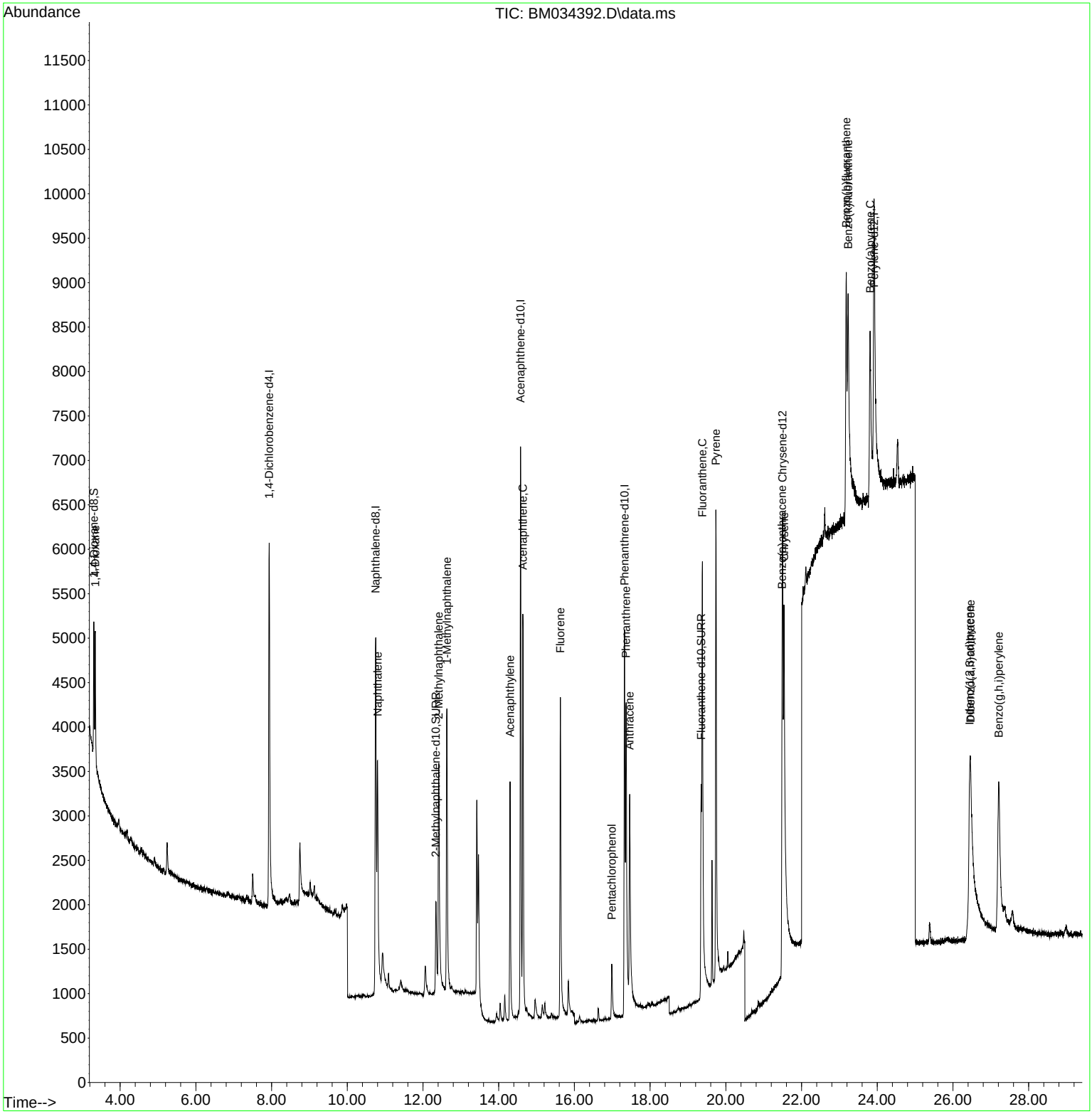
(#) = qualifier out of range (m) = manual integration (+) = signals summed

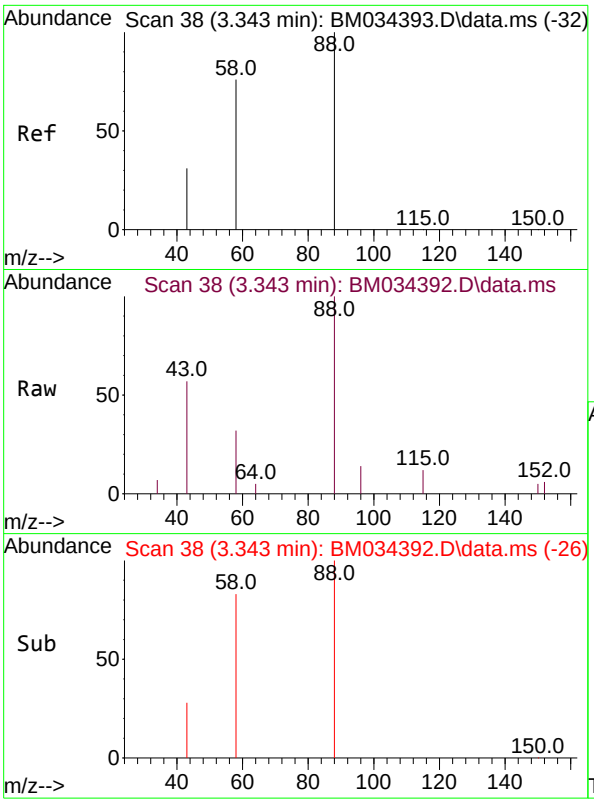
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
Data File : BM034392.D
Acq On : 28 Mar 2022 15:24
Operator : CG/JU
Sample : SSTD0.209
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Quant Time: Mar 28 17:17:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 17:15:47 2022
Response via : Initial Calibration



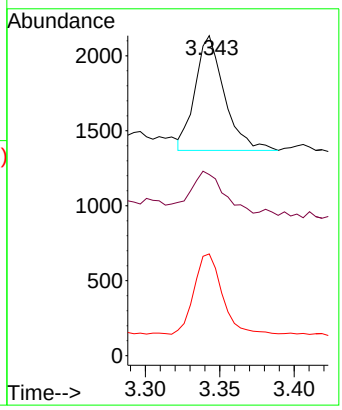


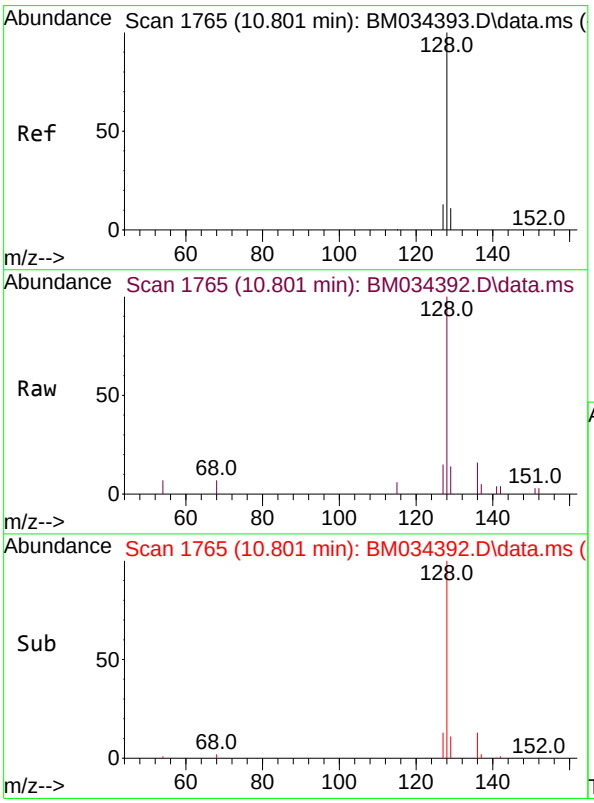
#2
1,4-Dioxane
Concen: 0.333 ng/ul
RT: 3.343 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion: 88 Resp: 1047

Ion	Ratio	Lower	Upper
88	100		
43	56.6	49.7	74.5
58	31.8	52.5	78.7#

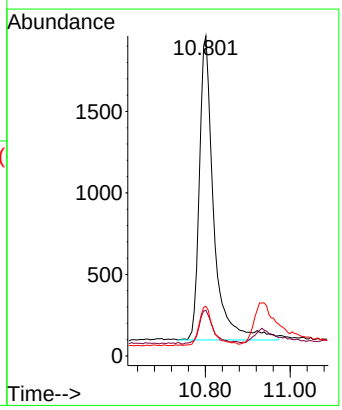


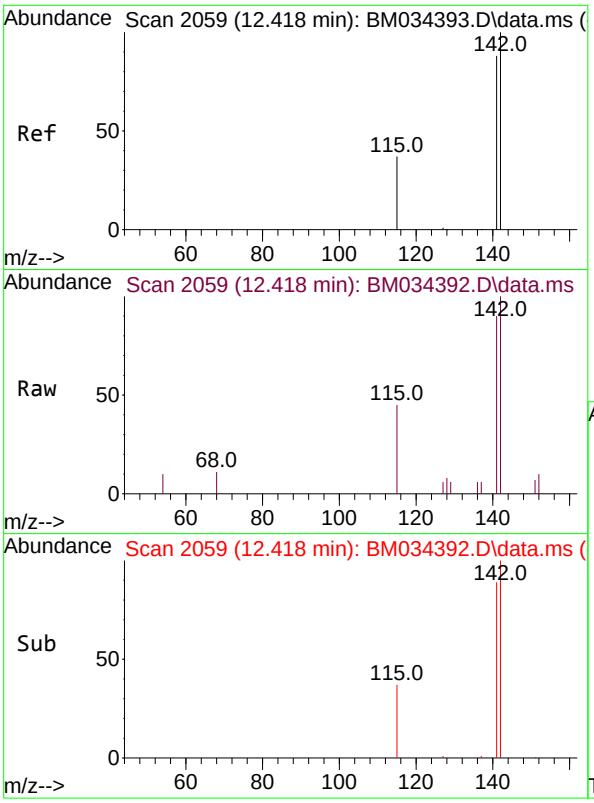


#5
Naphthalene
Concen: 0.209 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:128 Resp: 4379

Ion	Ratio	Lower	Upper
128	100		
129	14.3	13.4	20.2
127	15.5	15.2	22.8





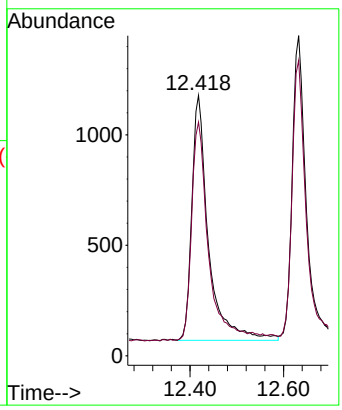
#7
2-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.418 min Scan# 2

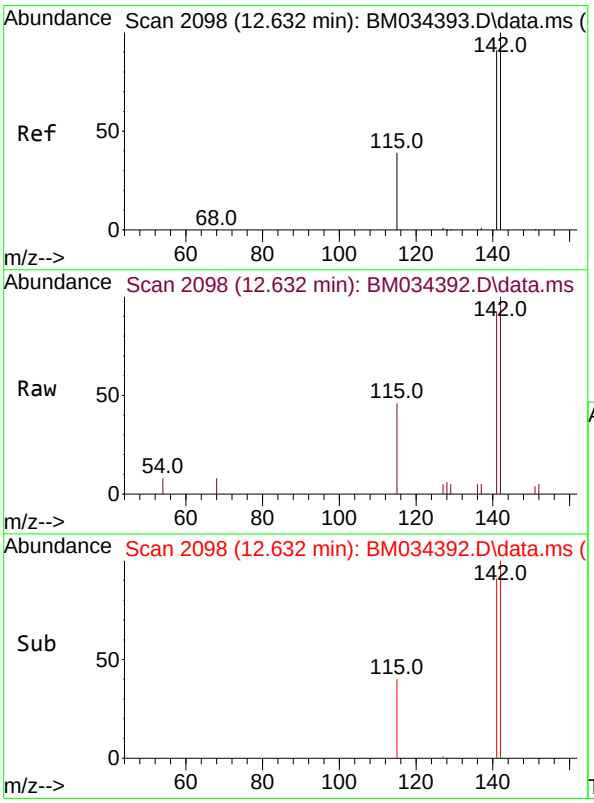
Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:142 Resp: 2745

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.8	107.6

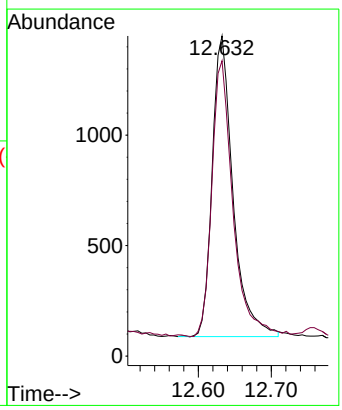


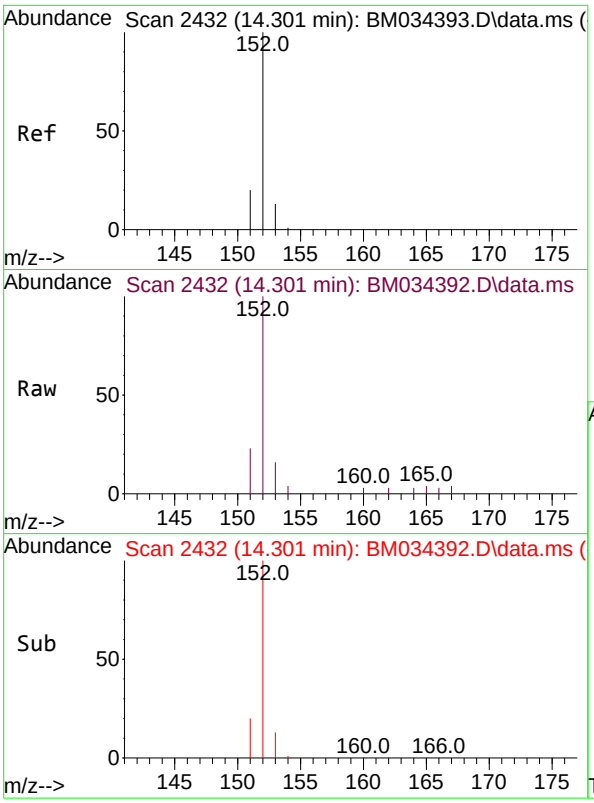


#8
1-Methylnaphthalene
Concen: 0.185 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:142 Resp: 2715

Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.0	112.4



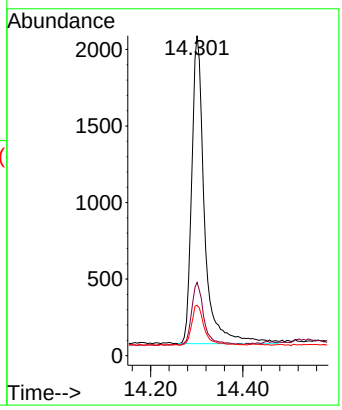


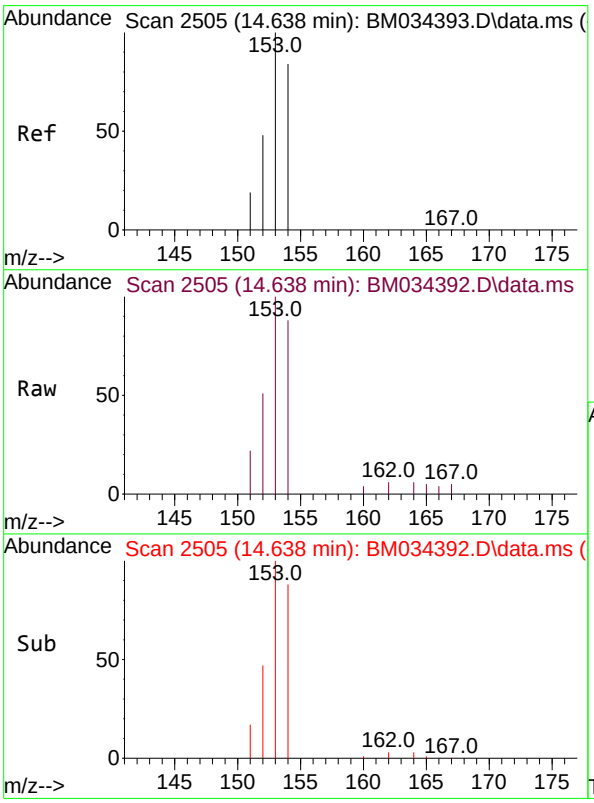
#10
Acenaphthylene
Concen: 0.235 ng/ul
RT: 14.301 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:152 Resp: 3880

Ion	Ratio	Lower	Upper
152	100		
151	22.9	19.9	29.9
153	15.7	15.0	22.4

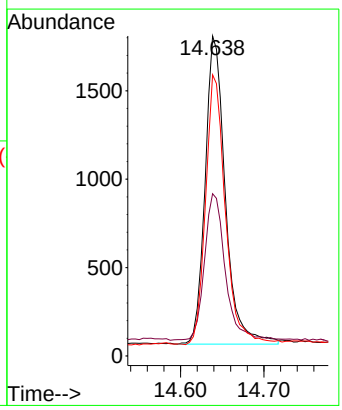


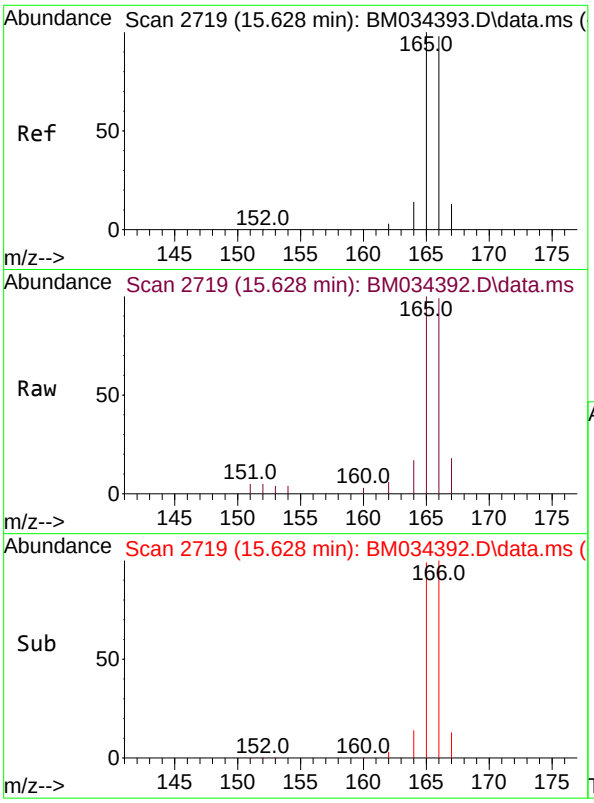


#11
Acenaphthene
Concen: 0.220 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:153 Resp: 2940

Ion	Ratio	Lower	Upper
153	100		
152	50.7	42.4	63.6
154	87.8	66.2	99.2



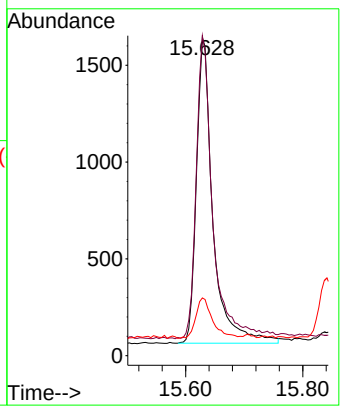


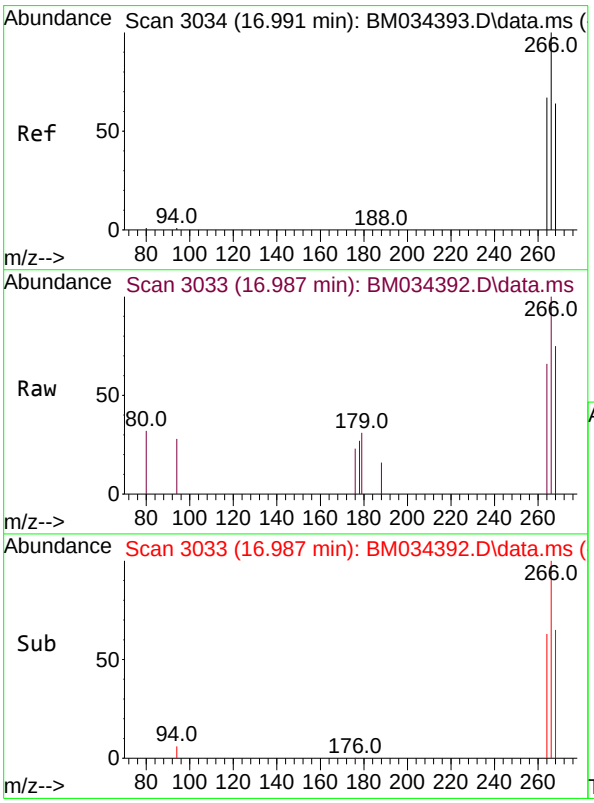
#12
Fluorene
Concen: 0.191 ng/ul
RT: 15.628 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:166 Resp: 3095

Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.1	121.7
167	18.1	14.9	22.3

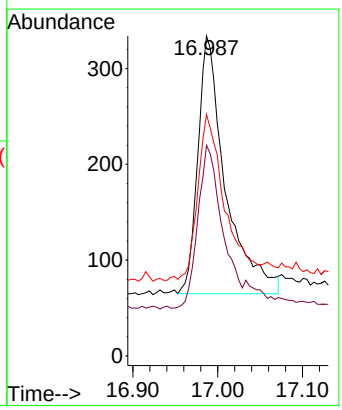


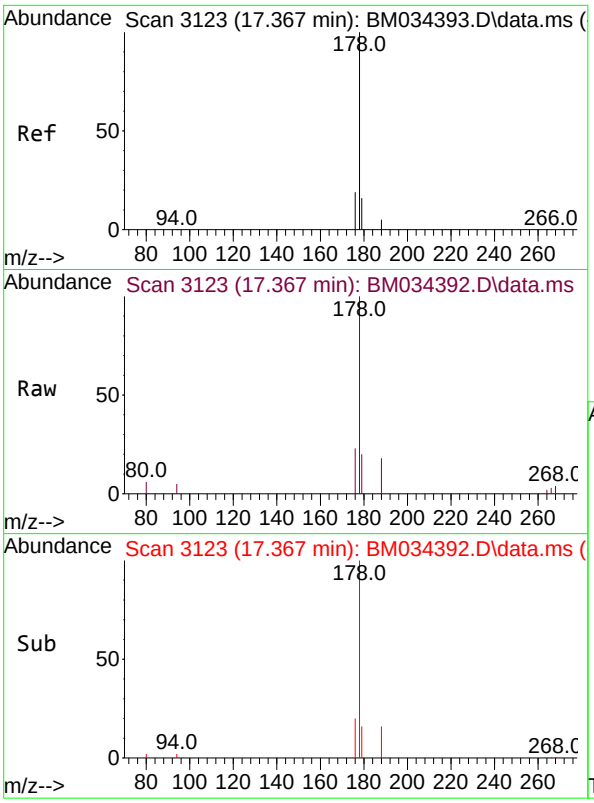


#14
Pentachlorophenol
Concen: 0.272 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:266 Resp: 609

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.4	77.0
268	65.0	53.1	79.7



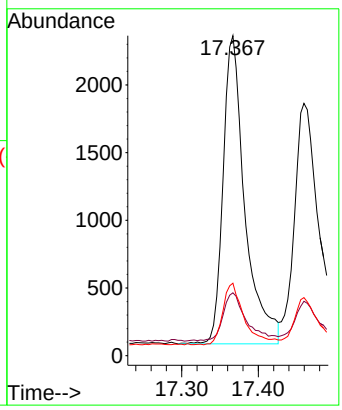


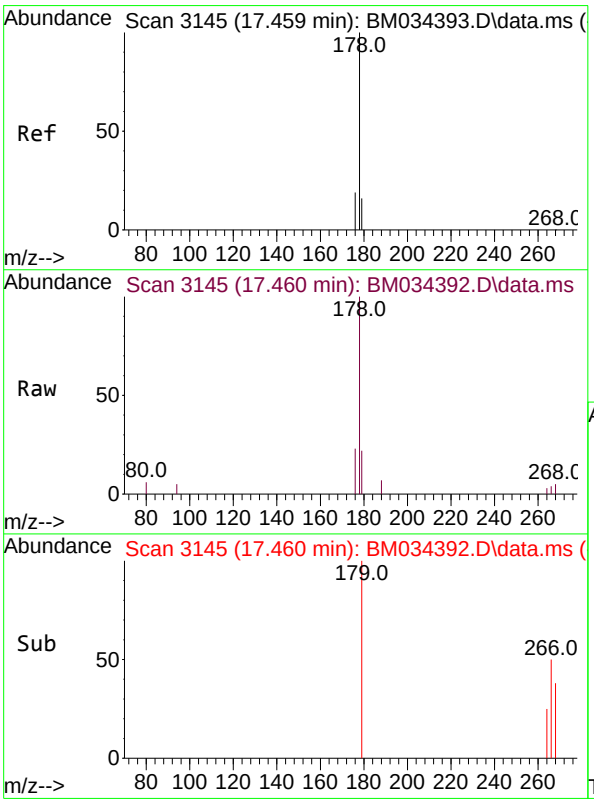
#15
Phenanthrene
Concen: 0.213 ng/ul
RT: 17.367 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:178 Resp: 4499

Ion	Ratio	Lower	Upper
178	100		
179	19.7	15.0	22.6
176	22.7	17.9	26.9

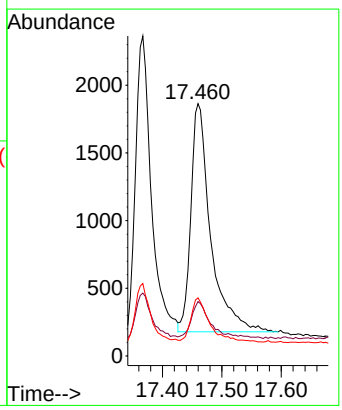


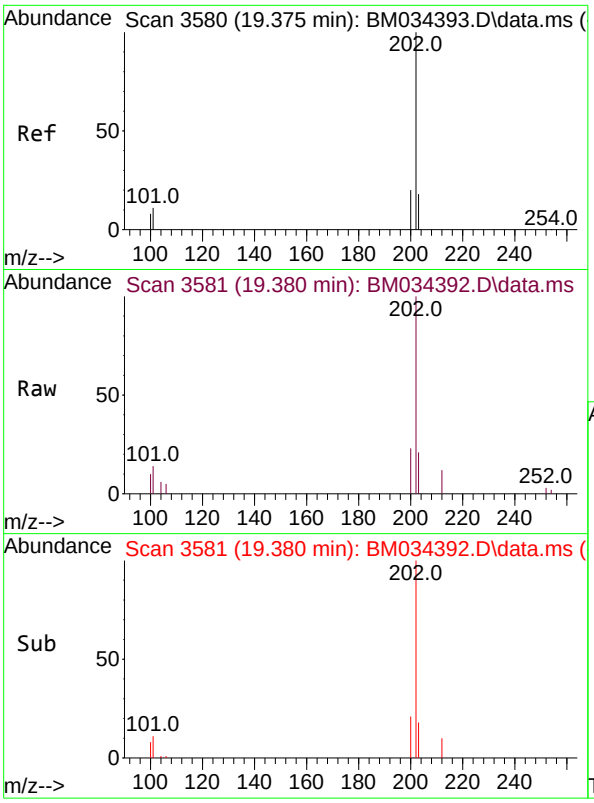


#16
Anthracene
Concen: 0.204 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:178 Resp: 3898

Ion	Ratio	Lower	Upper
178	100		
179	21.6	16.5	24.7
176	23.0	18.3	27.5



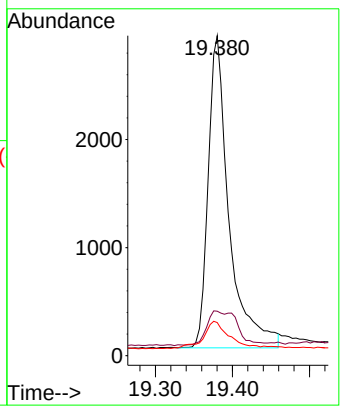


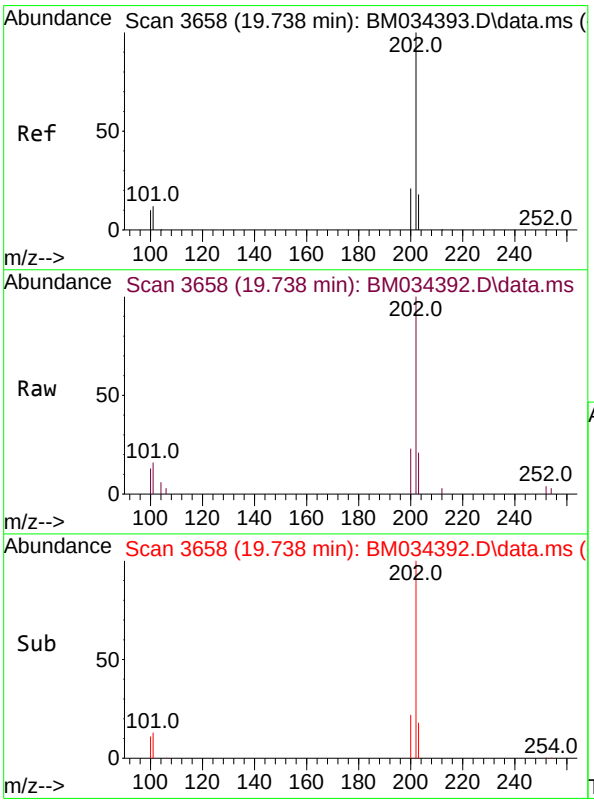
#19
Fluoranthene
Concen: 0.224 ng/ul
RT: 19.380 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:202 Resp: 5435

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.2	13.8#
100	10.4	7.2	10.8

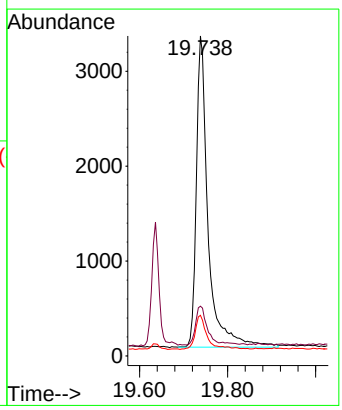


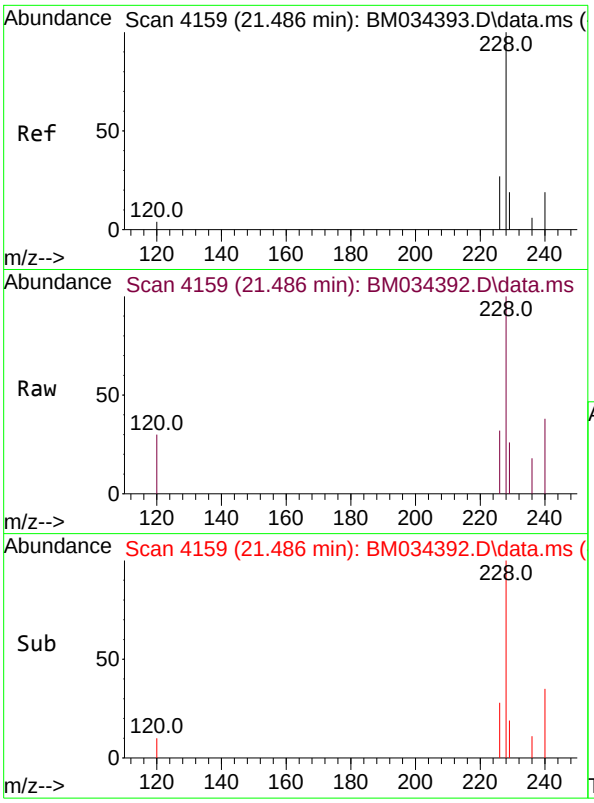


#20
Pyrene
Concen: 0.250 ng/ul
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:202 Resp: 6075

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.3	13.9#
100	12.7	7.8	11.6#



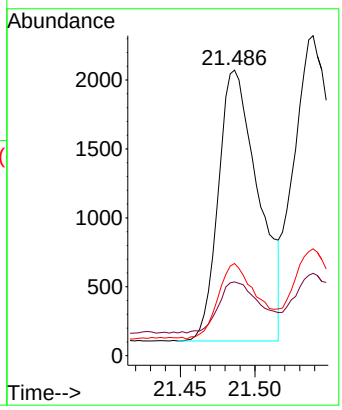


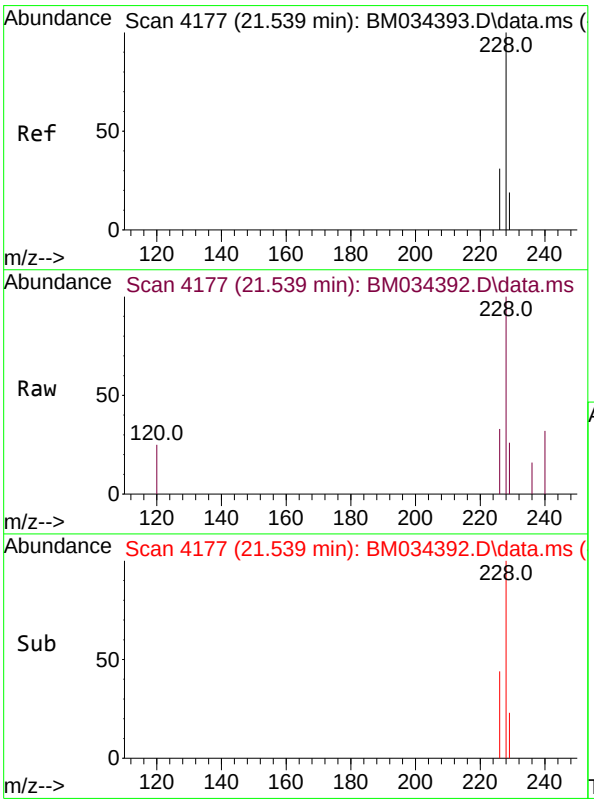
#21
Benzo(a)anthracene
Concen: 0.179 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:228 Resp: 3686

Ion	Ratio	Lower	Upper
228	100		
229	25.8	17.3	25.9
226	32.2	23.2	34.8

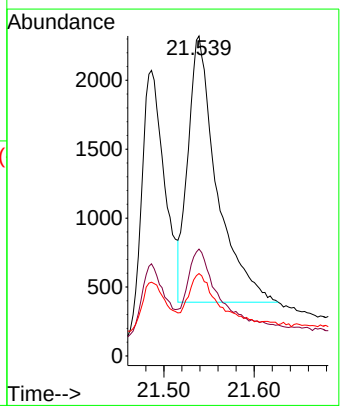


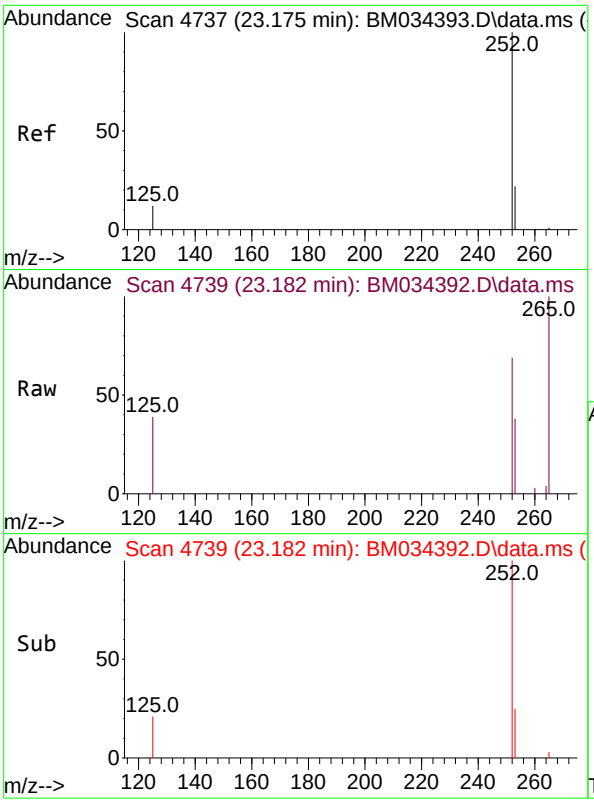


#22
Chrysene
Concen: 0.195 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:228 Resp: 4281

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.8	38.8
229	25.8	16.7	25.1#



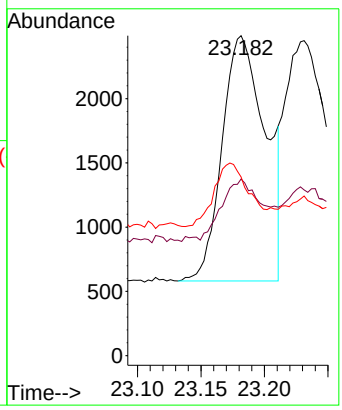


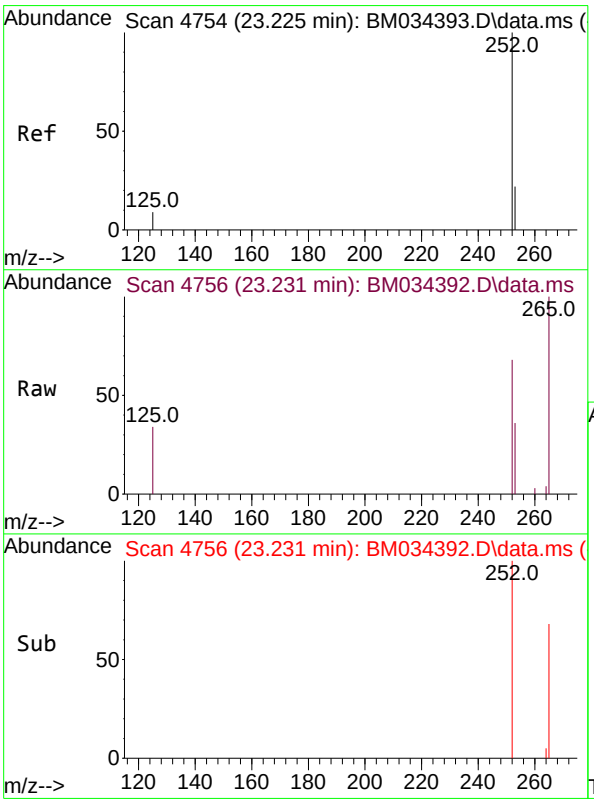
#24
Benzo(b)fluoranthene
Concen: 0.177 ng/ul
RT: 23.182 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:252 Resp: 4530

Ion	Ratio	Lower	Upper
252	100		
253	55.2	0.0	64.2
125	55.8	0.0	28.8#

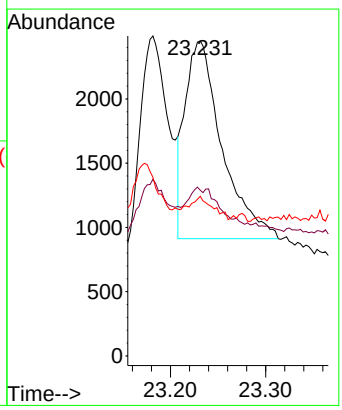


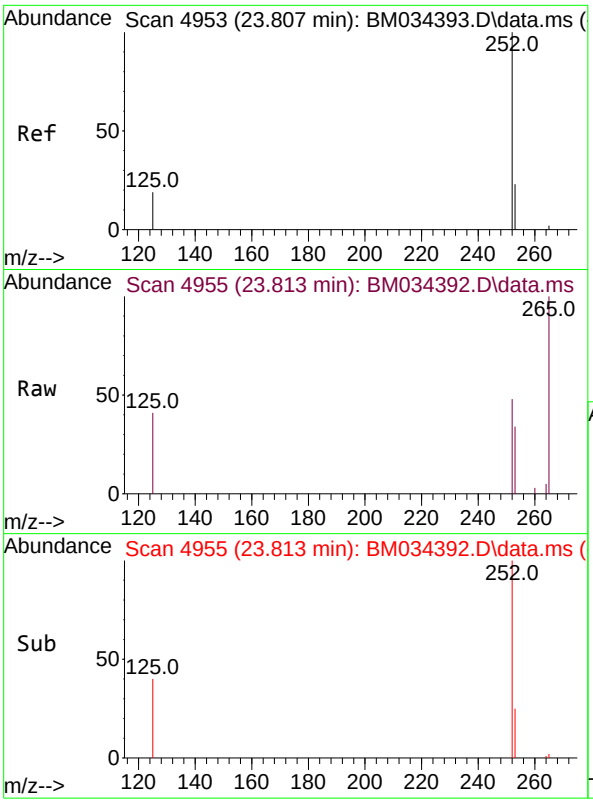


#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul
RT: 23.231 min Scan# 4756
Delta R.T. 0.006 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:252 Resp: 4136

Ion	Ratio	Lower	Upper
252	100		
253	52.6	26.8	40.2#
125	50.7	12.0	18.0#



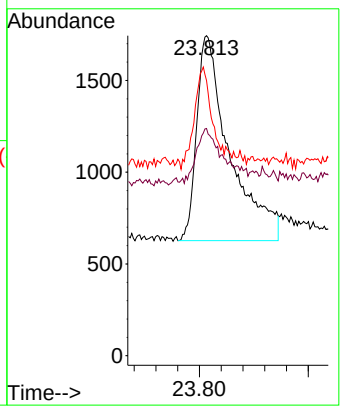


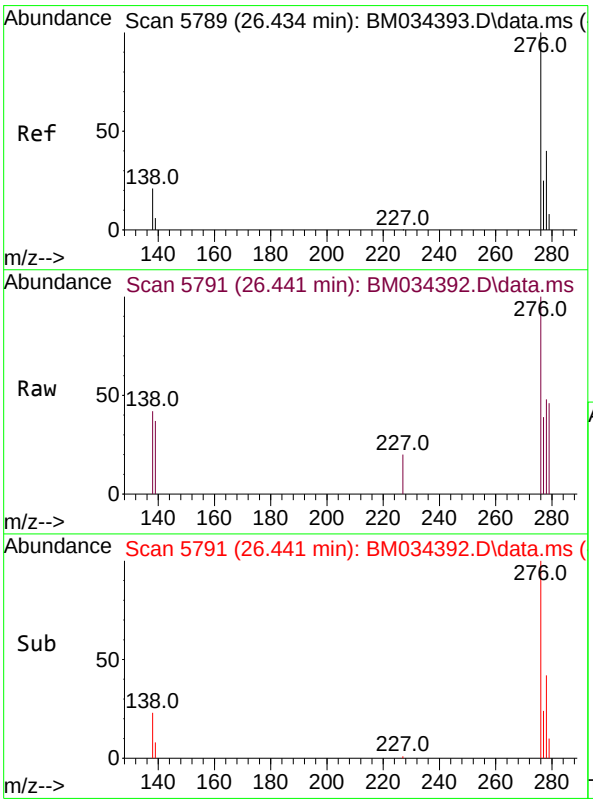
#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 23.813 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:252 Resp: 4673

Ion	Ratio	Lower	Upper
252	100		
253	71.0	32.0	48.0#
125	86.0	14.5	21.7#

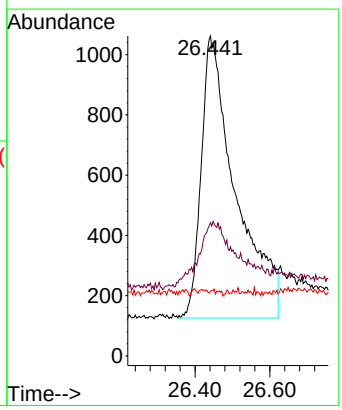


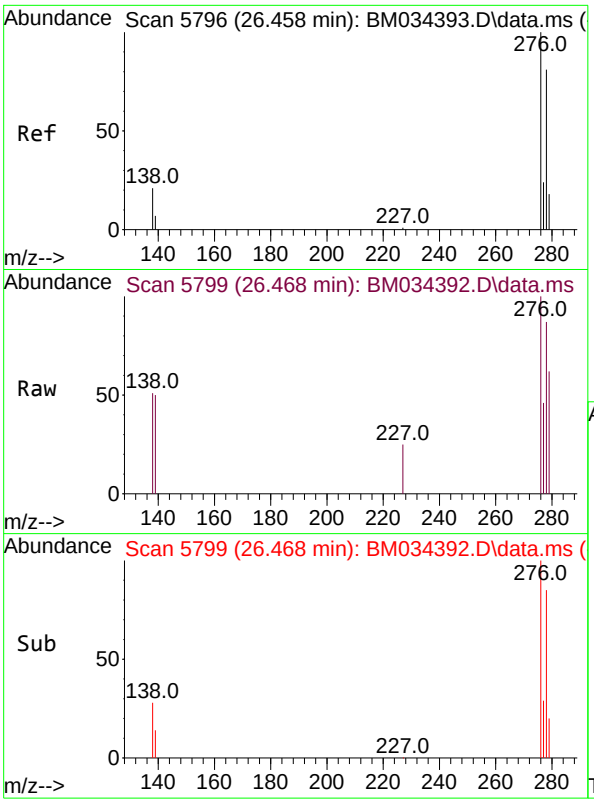


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.199 ng/ul
RT: 26.441 min Scan# 5791
Delta R.T. 0.007 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:276 Resp: 6008

Ion	Ratio	Lower	Upper
276	100		
138	26.0	15.8	23.6#
227	0.2	0.0	0.0#



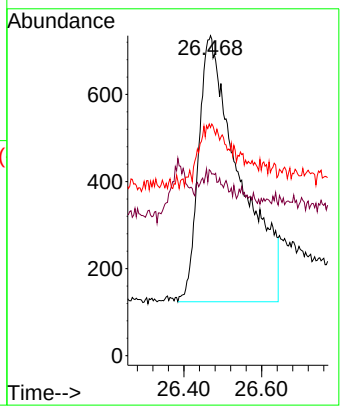


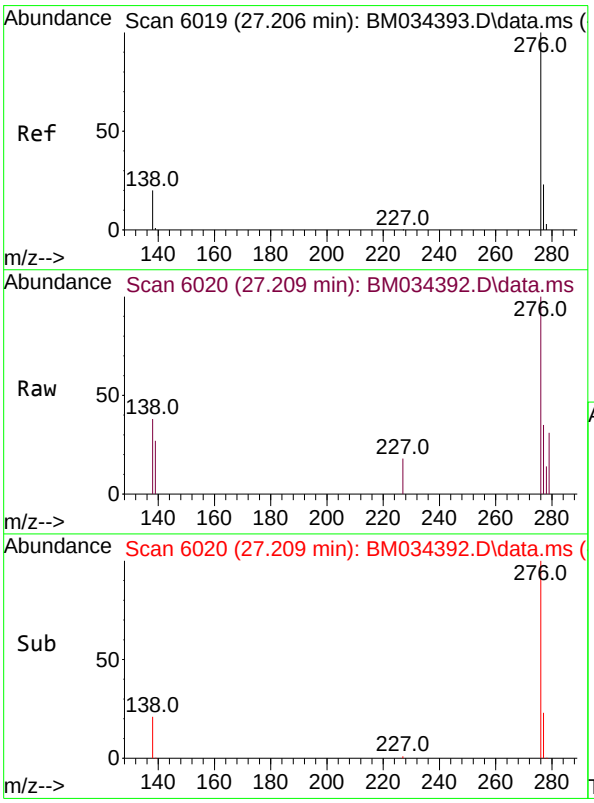
#28
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 26.468 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Instrument :
BNA_M
ClientSampleId :
SSTD0.2009

Tgt Ion:278 Resp: 4437

Ion	Ratio	Lower	Upper
278	100		
139	57.7	18.0	27.0#
279	71.3	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 27.209 min Scan# 6020
Delta R.T. 0.004 min
Lab File: BM034392.D
Acq: 28 Mar 2022 15:24

Tgt Ion:276 Resp: 5898

Ion	Ratio	Lower	Upper
276	100		
138	37.5	17.4	26.0#
277	35.4	22.6	33.8#