Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
Data File : BM034393.D
Acq On : 28 Mar 2022 16:01
Operator : CG/JU
Sample : SSTD0.410
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Quant Time: Mar 28 17:17:37 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	2704	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	7606	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	3951	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	6887	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	5806	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	6353	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	1756	0.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	4167	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.348	212	7441	0.425	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	1960	0.642	ng/ul#	79
5) Naphthalene	10.801	128	8948	0.428	ng/ul#	90
7) 2-Methylnaphthalene	12.418	142	5485	0.372	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	5462	0.372	ng/ul	98
10) Acenaphthylene	14.301	152	7791	0.468	ng/ul#	92
11) Acenaphthene	14.638	153	5869	0.436	ng/ul	97
12) Fluorene	15.628	166	6168	0.378	ng/ul	98
14) Pentachlorophenol	16.991	266	1163	0.527	ng/ul	96
15) Phenanthrene	17.367	178	8841	0.425	ng/ul	97
16) Anthracene	17.459	178	7758	0.411	ng/ul	96
19) Fluoranthene	19.375	202	10408	0.437	ng/ul	98
20) Pyrene	19.738	202	11667	0.489	ng/ul#	95
21) Benzo(a)anthracene	21.486	228	7179	0.355	ng/ul	98
22) Chrysene	21.539	228	8489	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.175	252	8532	0.330	ng/ul#	78
25) Benzo(k)fluoranthene	23.225	252	8275	0.315	ng/ul#	81
26) Benzo(a)pyrene	23.807	252	8835	0.405	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.434	276	11837	0.388	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.458	278	8785	0.353	ng/ul#	77
29) Benzo(g,h,i)perylene	27.206	276	11699	0.437	ng/ul#	92

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

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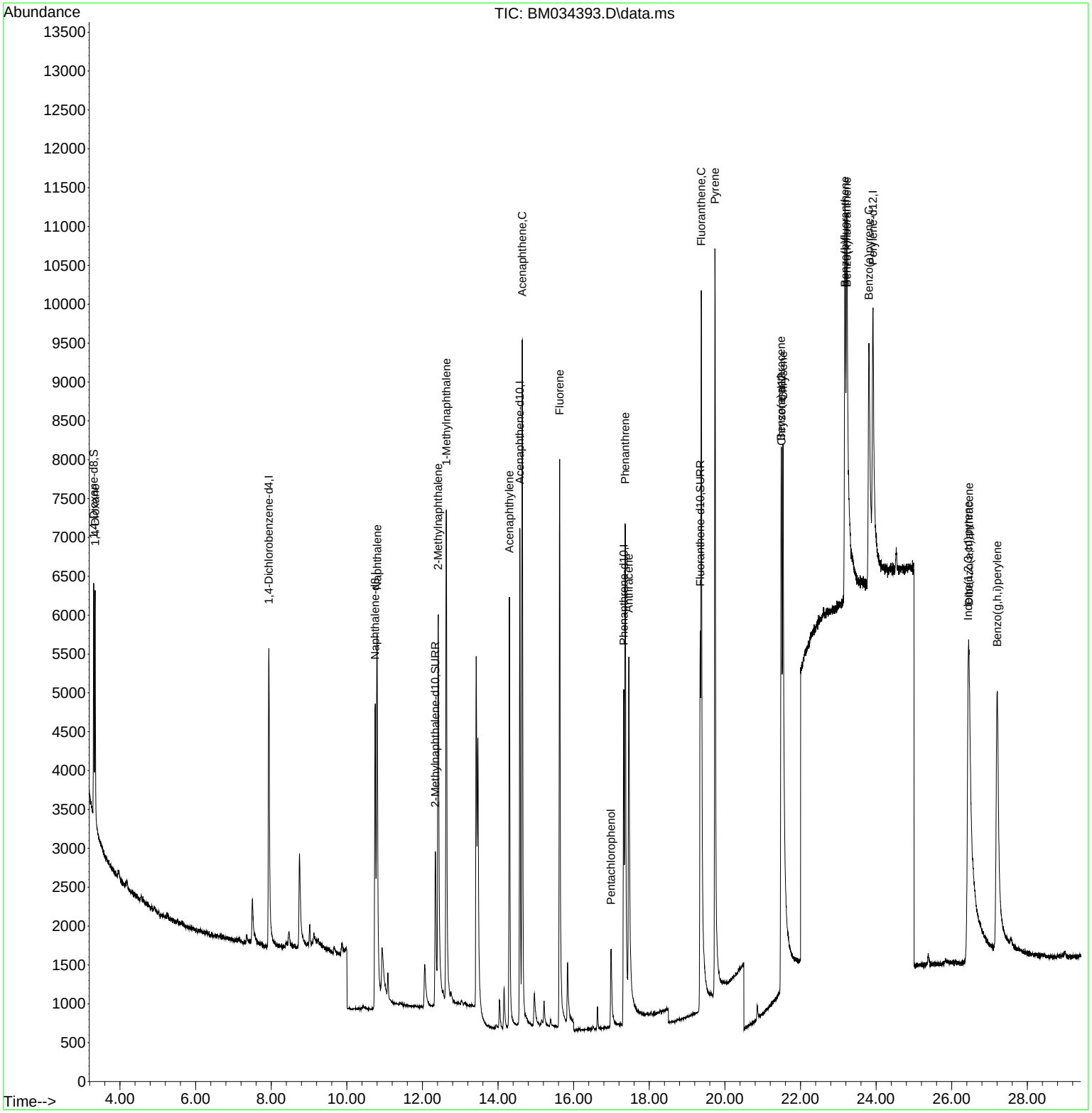
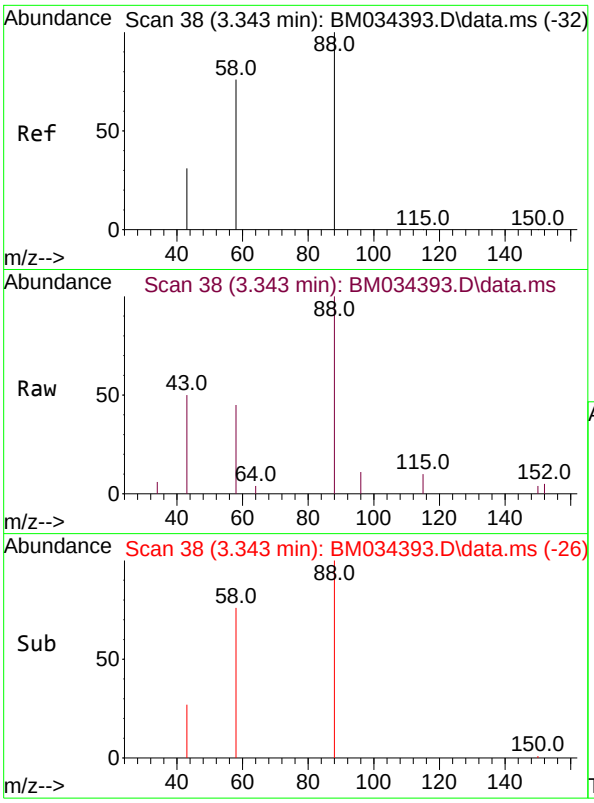


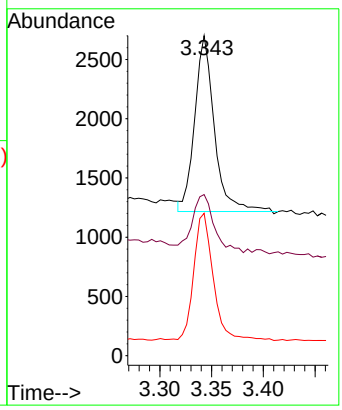


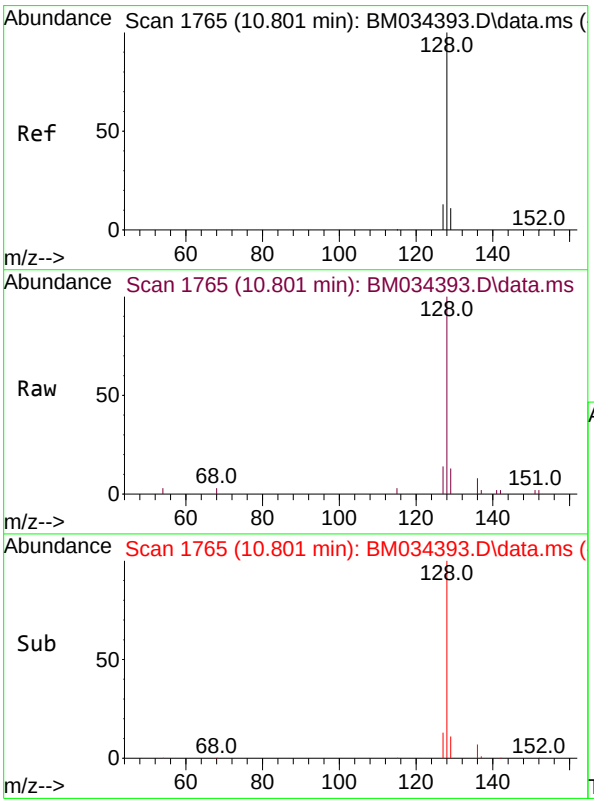
#2
1,4-Dioxane
Concen: 0.642 ng/ul
RT: 3.343 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion: 88 Resp: 1960

Ion	Ratio	Lower	Upper
88	100		
43	50.4	49.7	74.5
58	44.5	52.5	78.7#

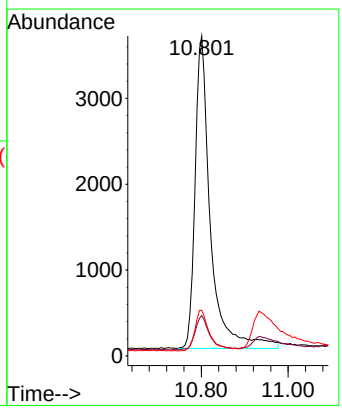


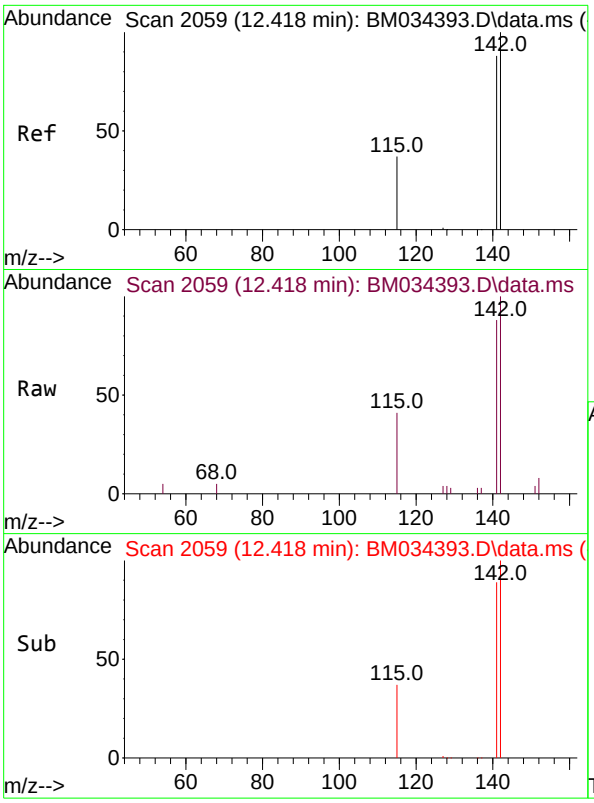


#5
Naphthalene
Concen: 0.428 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:128 Resp: 8948

Ion	Ratio	Lower	Upper
128	100		
129	12.6	13.4	20.2#
127	14.3	15.2	22.8#



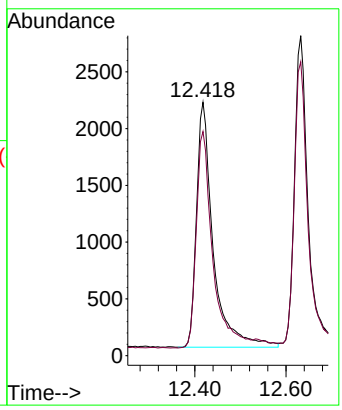


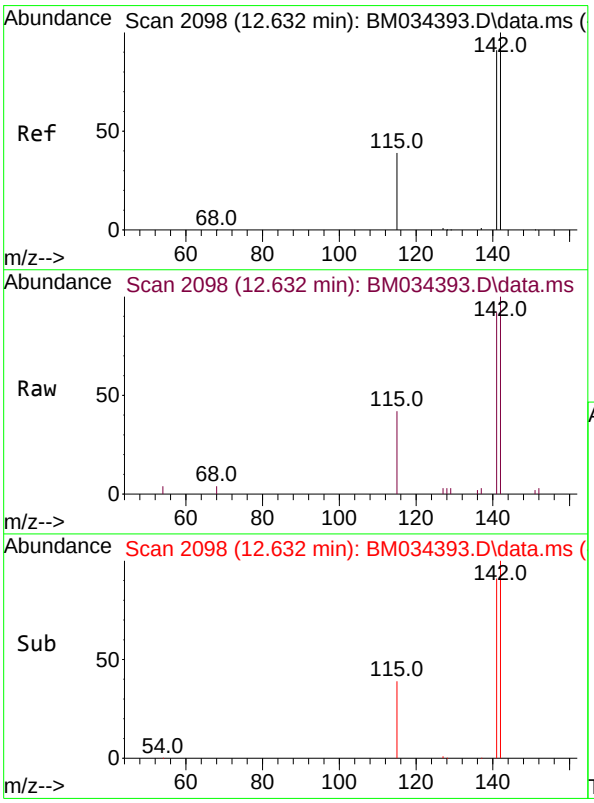
#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.418 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:142 Resp: 5485

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.8	107.6

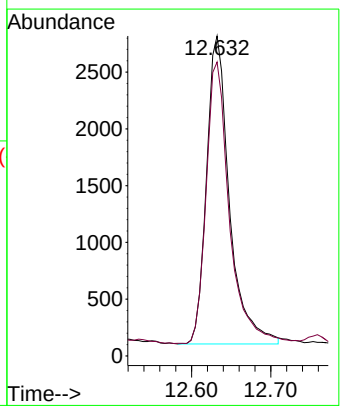


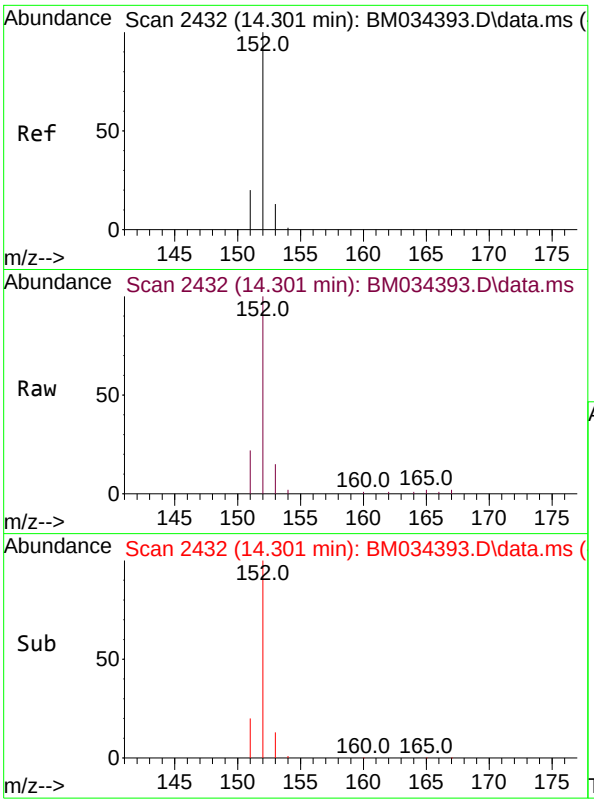


#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:142 Resp: 5462

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.0	112.4



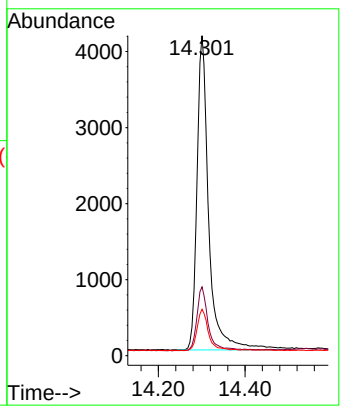


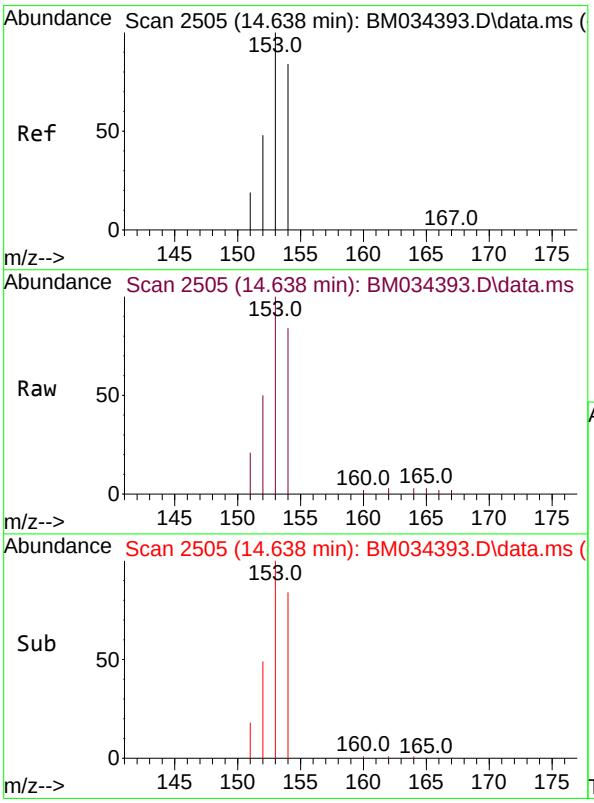
#10
Acenaphthylene
Concen: 0.468 ng/ul
RT: 14.301 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:152 Resp: 7791

Ion	Ratio	Lower	Upper
152	100		
151	21.5	19.9	29.9
153	14.5	15.0	22.4#

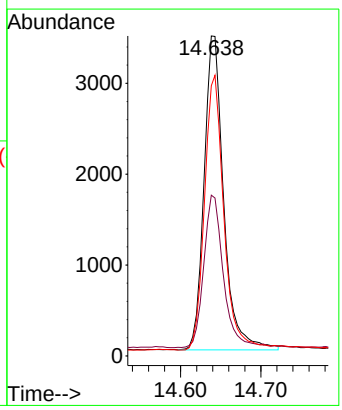


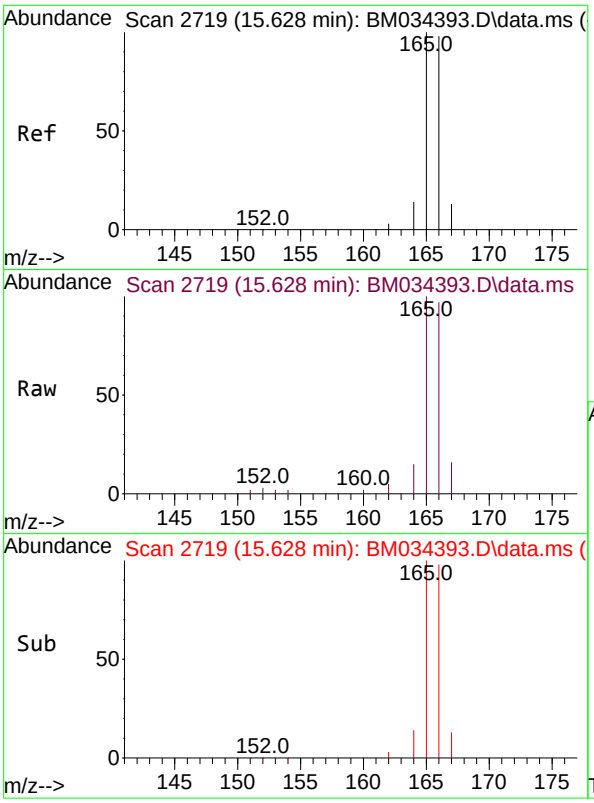


#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:153 Resp: 5869

Ion	Ratio	Lower	Upper
153	100		
152	50.2	42.4	63.6
154	84.5	66.2	99.2



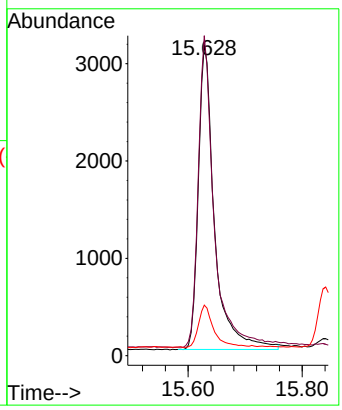


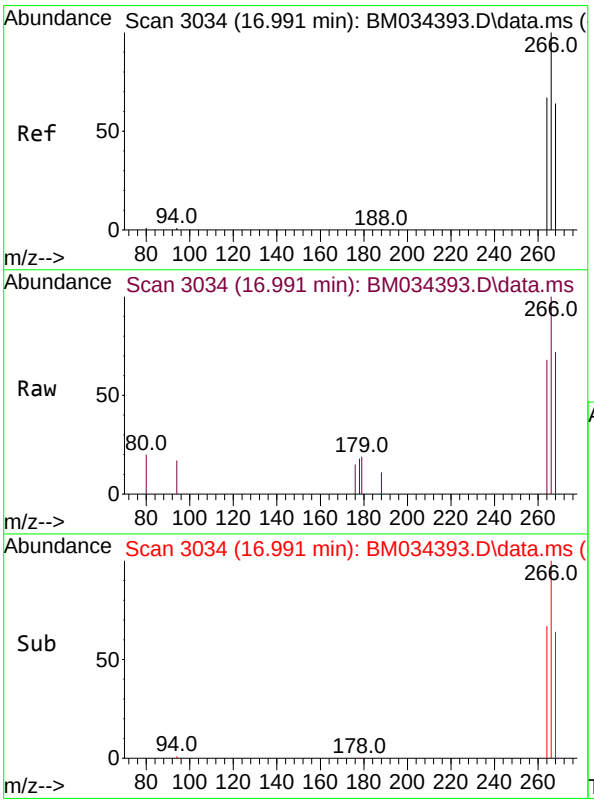
#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.628 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:166 Resp: 6168

Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.1	121.7
167	16.3	14.9	22.3

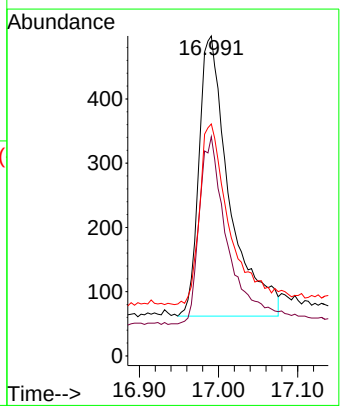


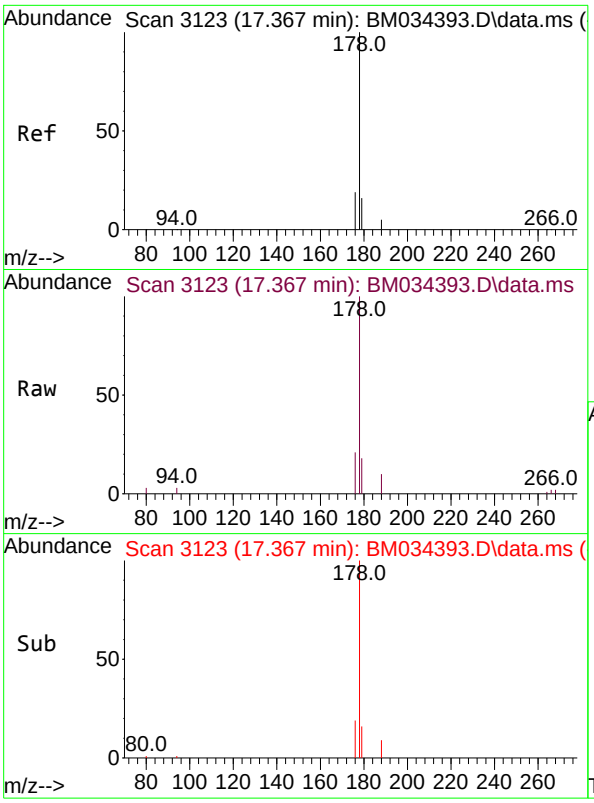


#14
Pentachlorophenol
Concen: 0.527 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:266 Resp: 1163

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.4	77.0
268	62.5	53.1	79.7



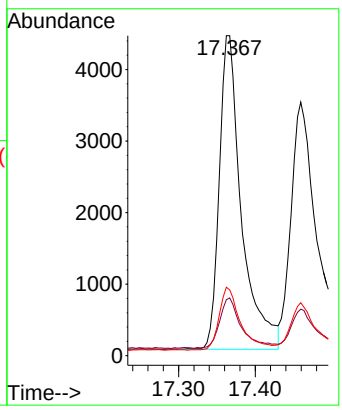


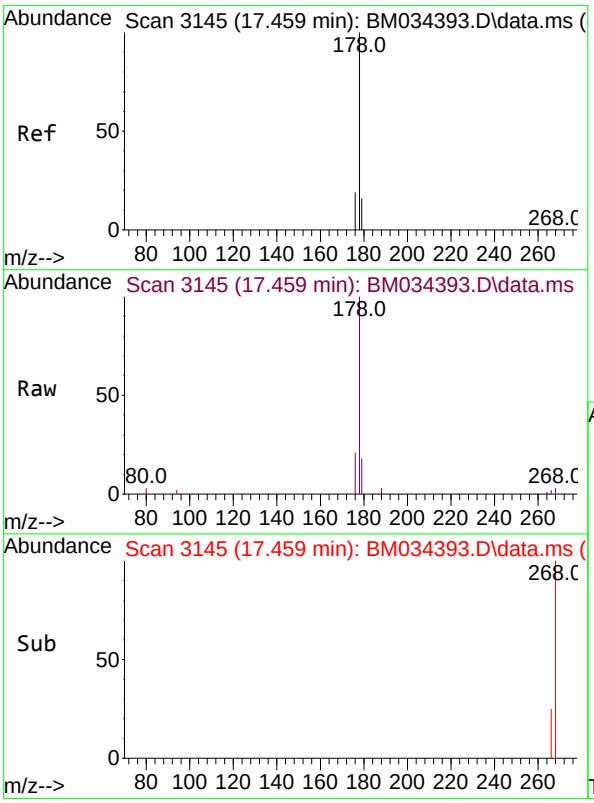
#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.367 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:178 Resp: 8841

Ion	Ratio	Lower	Upper
178	100		
179	18.1	15.0	22.6
176	20.5	17.9	26.9

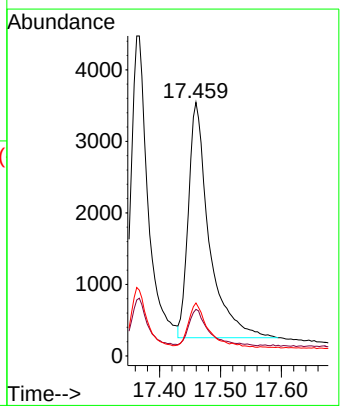


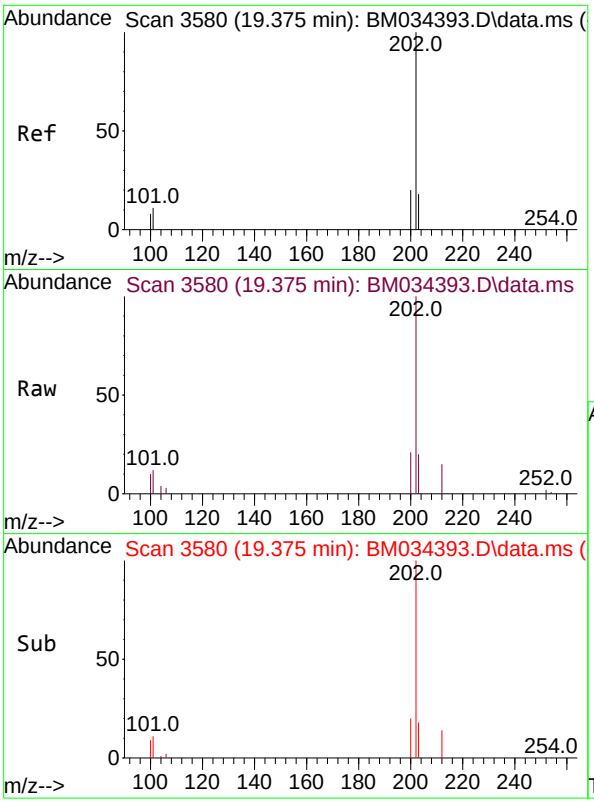


#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:178 Resp: 7758

Ion	Ratio	Lower	Upper
178	100		
179	18.4	16.5	24.7
176	20.9	18.3	27.5



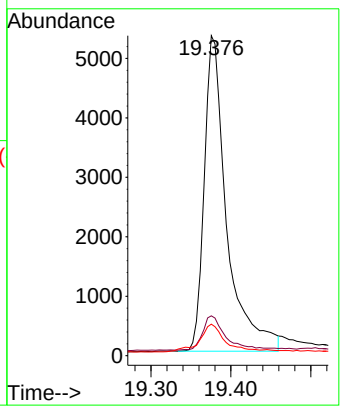


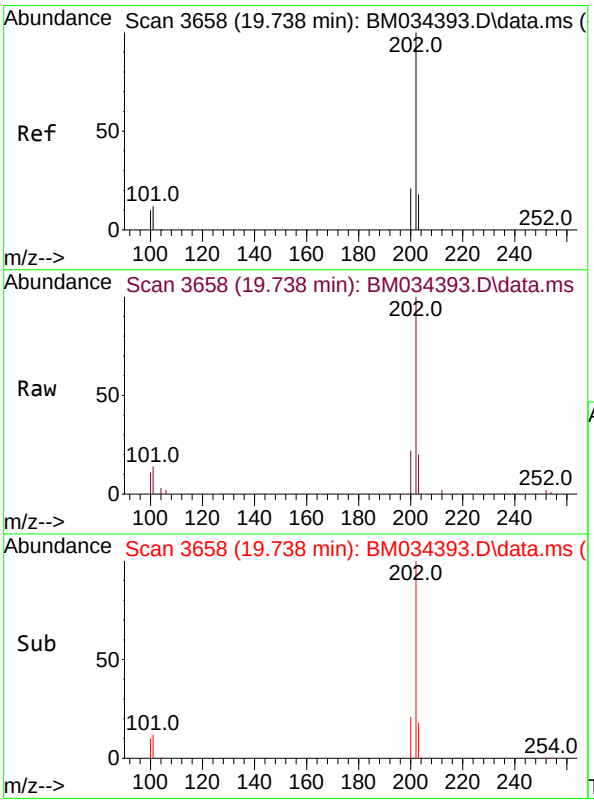
#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 19.375 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:202 Resp: 10408

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.2	13.8
100	9.9	7.2	10.8

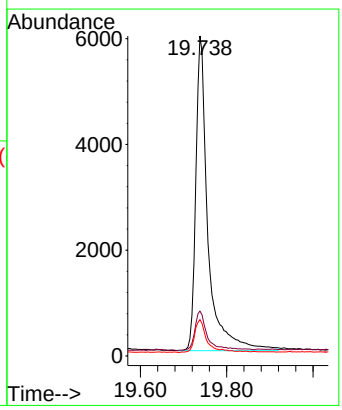


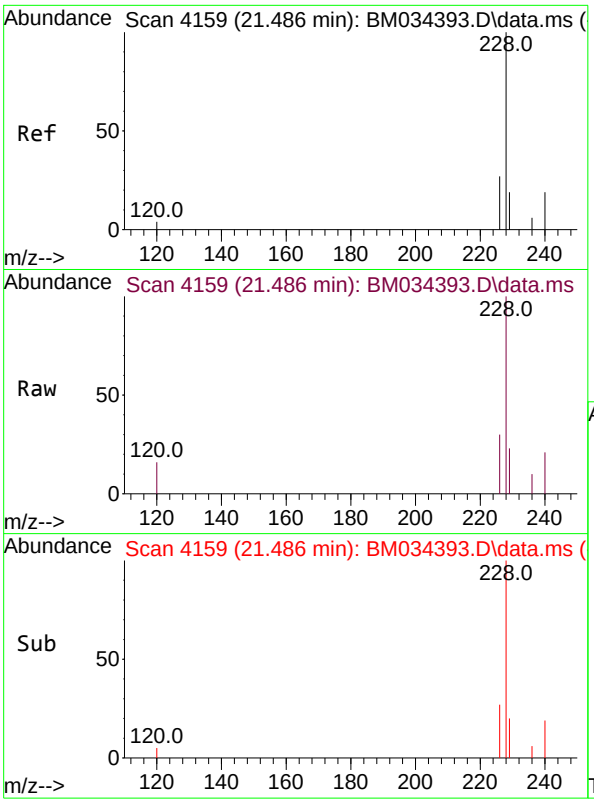


#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:202 Resp: 11667

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.3	13.9#
100	11.3	7.8	11.6



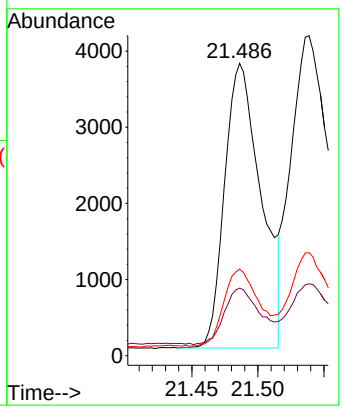


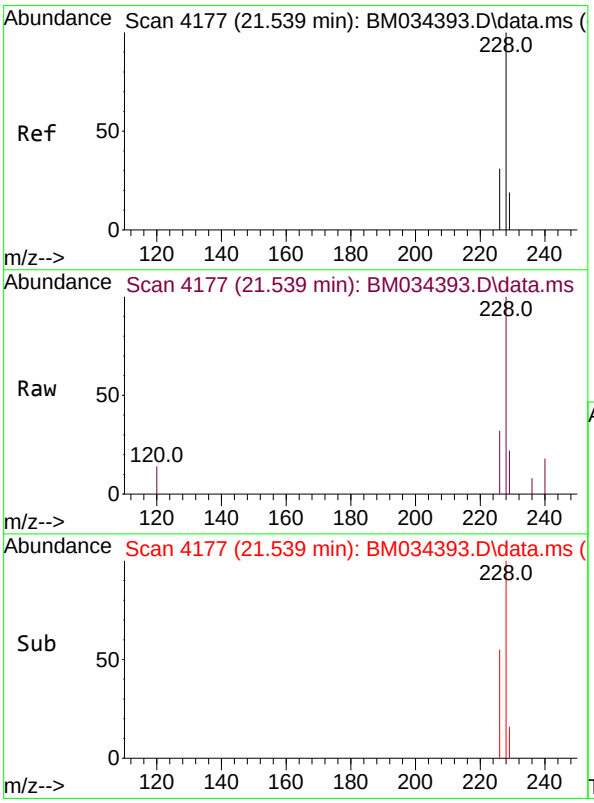
#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:228 Resp: 7179

Ion	Ratio	Lower	Upper
228	100		
229	23.1	17.3	25.9
226	29.6	23.2	34.8

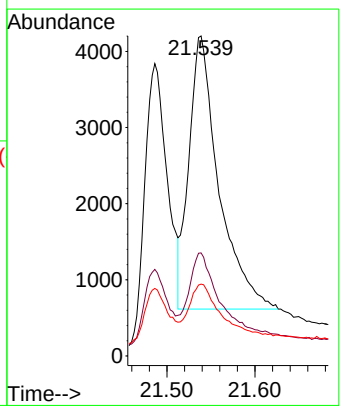


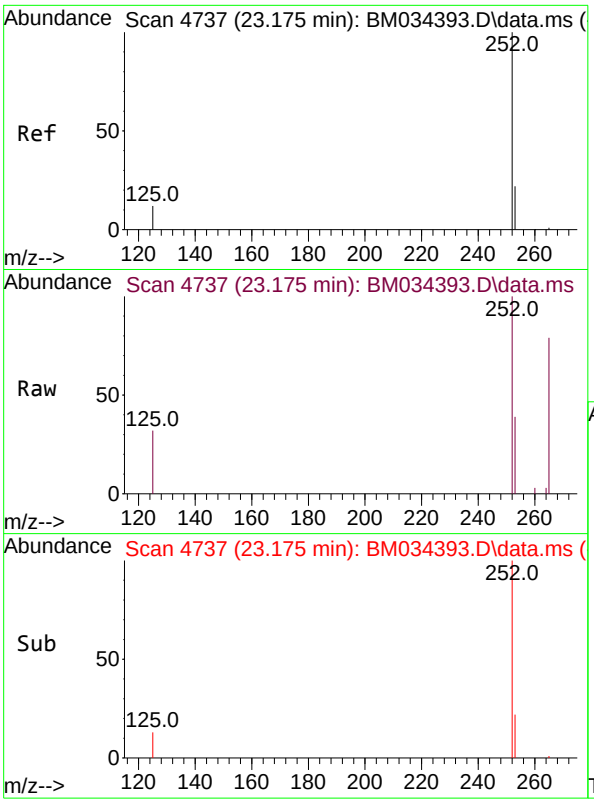


#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:228 Resp: 8489

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.8
229	22.4	16.7	25.1



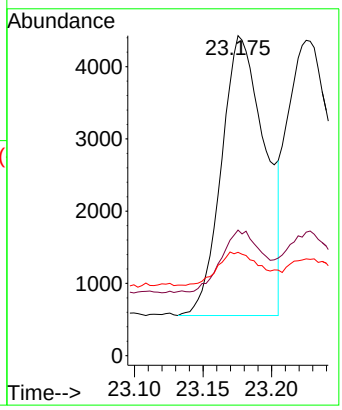


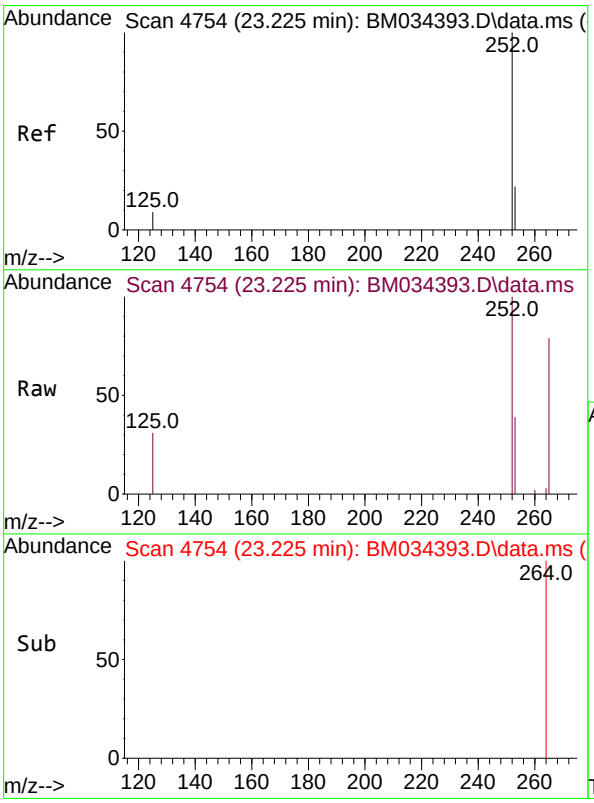
#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.175 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:252 Resp: 8532

Ion	Ratio	Lower	Upper
252	100		
253	39.2	0.0	64.2
125	32.3	0.0	28.8#

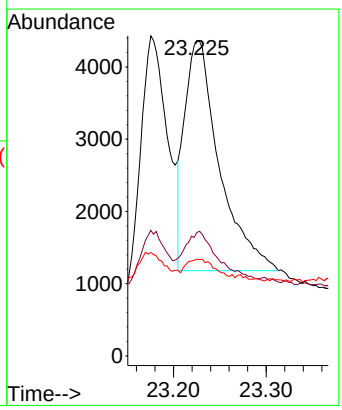


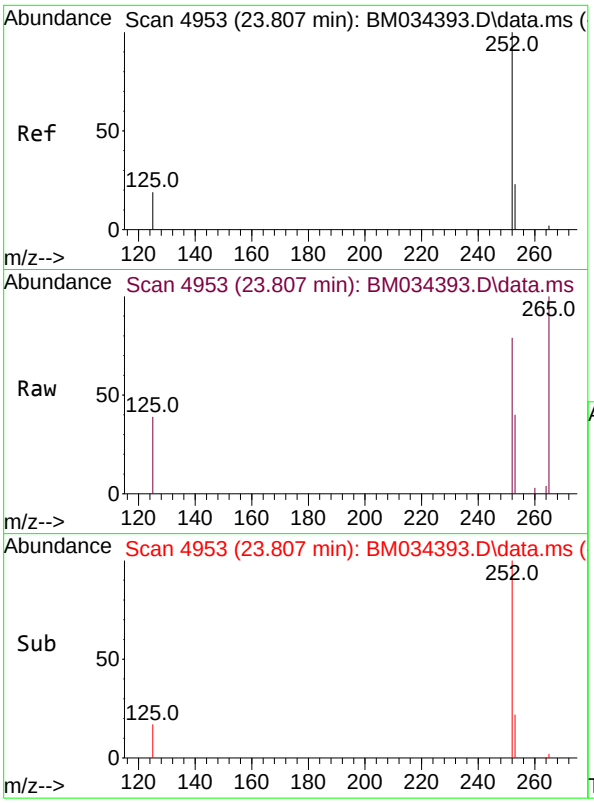


#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:252 Resp: 8275

Ion	Ratio	Lower	Upper
252	100		
253	39.2	26.8	40.2
125	30.7	12.0	18.0#



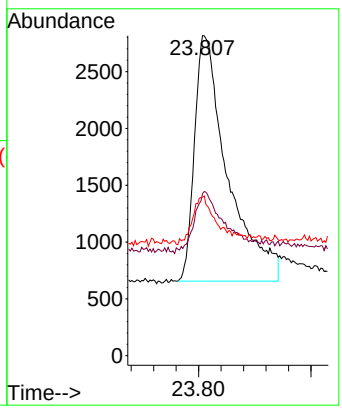


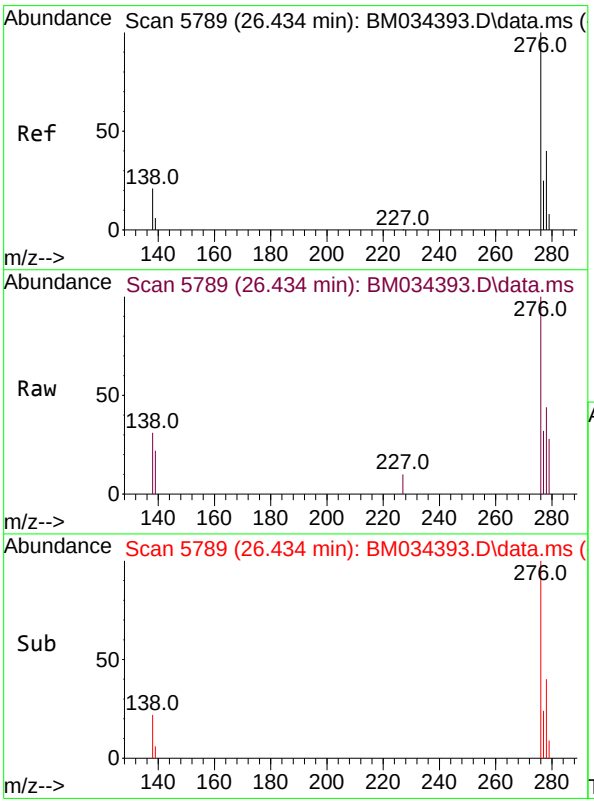
#26
Benzo(a)pyrene
Concen: 0.405 ng/ul
RT: 23.807 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:252 Resp: 8835

Ion	Ratio	Lower	Upper
252	100		
253	50.6	32.0	48.0#
125	49.6	14.5	21.7#

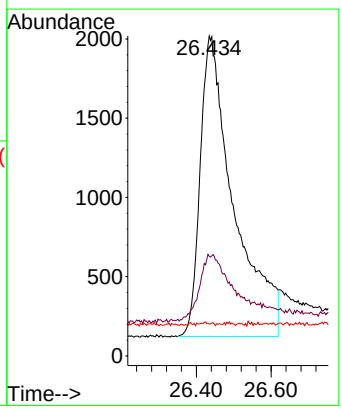


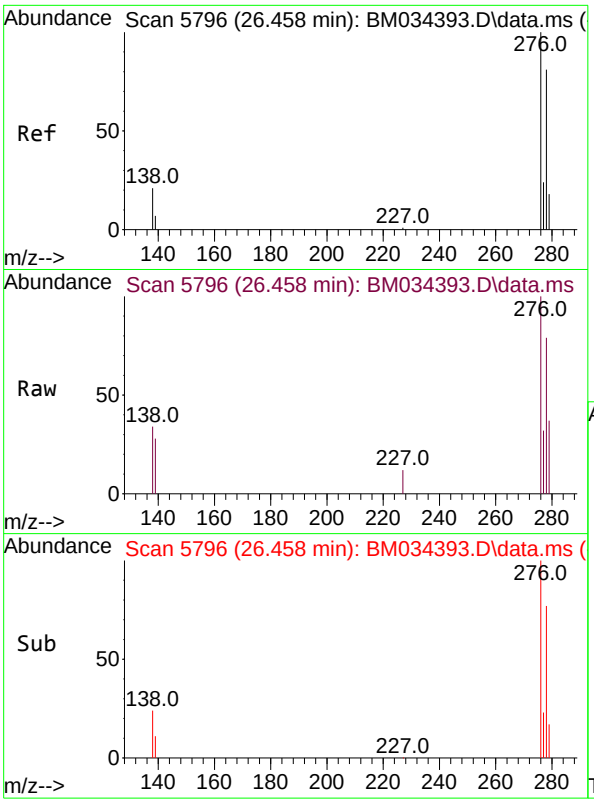


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 26.434 min Scan# 5789
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:276 Resp: 11837

Ion	Ratio	Lower	Upper
276	100		
138	24.1	15.8	23.6#
227	0.2	0.0	0.0#



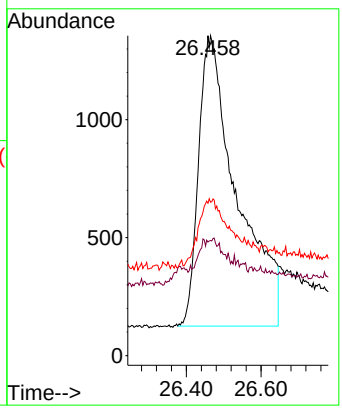


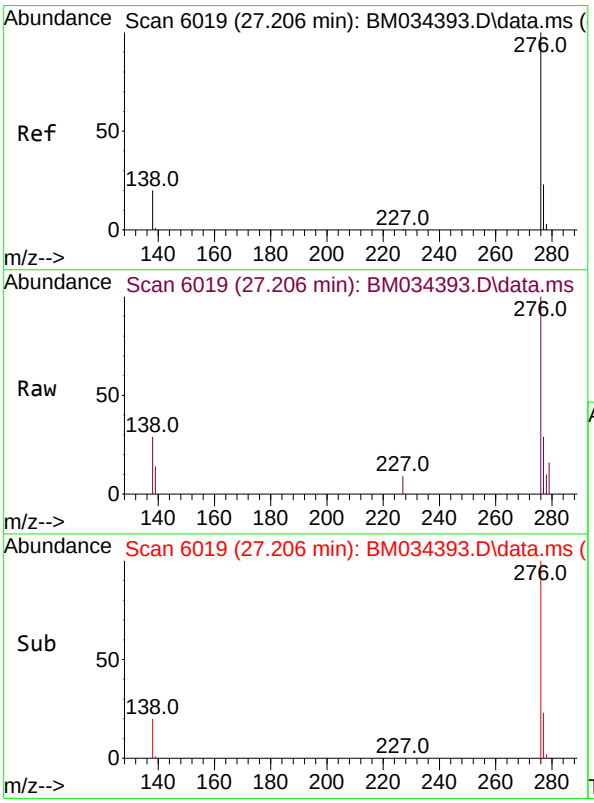
#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.458 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Instrument :
BNA_M
ClientSampleId :
SSTD0.4010

Tgt Ion:278 Resp: 8785

Ion	Ratio	Lower	Upper
278	100		
139	35.5	18.0	27.0#
279	47.6	28.6	42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.206 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM034393.D
Acq: 28 Mar 2022 16:01

Tgt Ion:276 Resp: 11699

Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.4	26.0#
277	29.5	22.6	33.8