Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
Data File : BM034394.D
Acq On : 28 Mar 2022 16:37
Operator : CG/JU
Sample : SSTD0.811
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Quant Time: Mar 28 17:46:54 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	2882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	8050	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	4236	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	7507	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	6080	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	6459	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	3365	1.004	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	8548	0.690	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	15167	0.827	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	3665	1.127	ng/ul#	83
5) Naphthalene	10.796	128	18388	0.831	ng/ul#	88
7) 2-Methylnaphthalene	12.412	142	11364	0.727	ng/ul	98
8) 1-Methylnaphthalene	12.627	142	11281	0.726	ng/ul	100
10) Acenaphthylene	14.296	152	16028	0.897	ng/ul#	90
11) Acenaphthene	14.638	153	12116	0.839	ng/ul	94
12) Fluorene	15.624	166	13008	0.744	ng/ul#	96
14) Pentachlorophenol	16.982	266	2358	0.980	ng/ul	98
15) Phenanthrene	17.362	178	18402	0.812	ng/ul	94
16) Anthracene	17.455	178	16690	0.811	ng/ul	92
19) Fluoranthene	19.375	202	21130	0.848	ng/ul	99
20) Pyrene	19.738	202	23099	0.925	ng/ul	98
21) Benzo(a)anthracene	21.483	228	14655	0.692	ng/ul	99
22) Chrysene	21.536	228	16718	0.743	ng/ul	97
24) Benzo(b)fluoranthene	23.175	252	17503	0.665	ng/ul	92
25) Benzo(k)fluoranthene	23.222	252	17180	0.642	ng/ul#	92
26) Benzo(a)pyrene	23.807	252	18147	0.817	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.434	276	23842	0.769	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.458	278	17815	0.703	ng/ul	98
29) Benzo(g,h,i)perylene	27.199	276	23204	0.852	ng/ul	95

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

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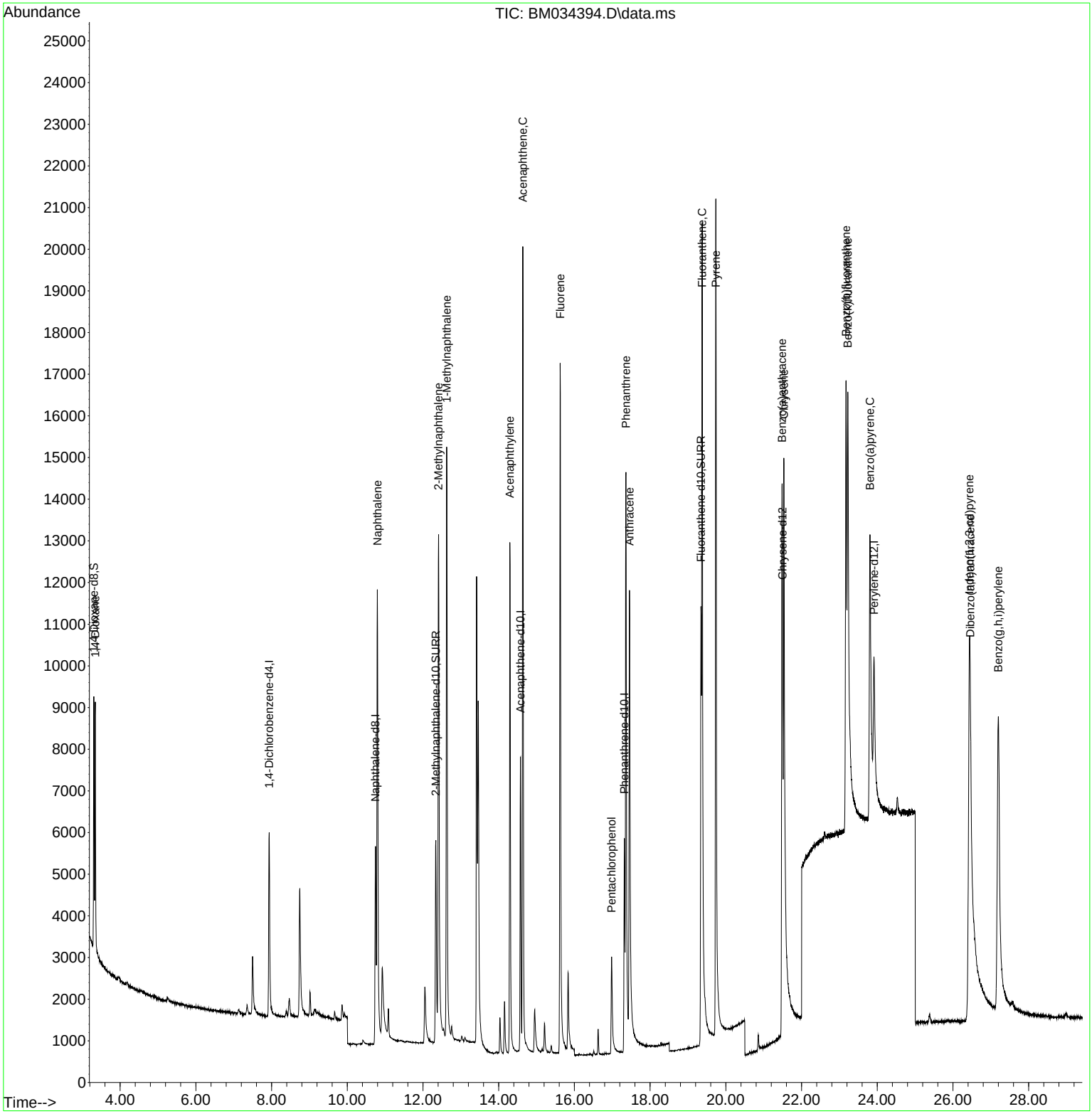
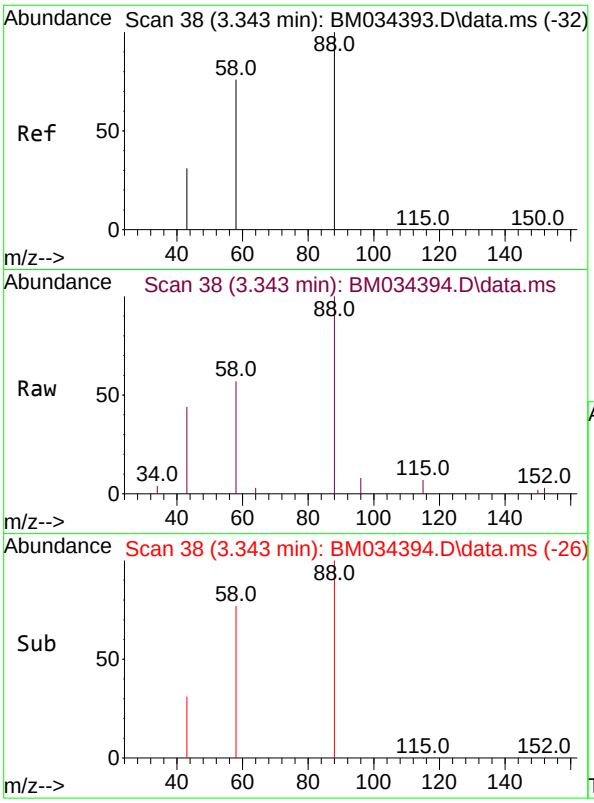


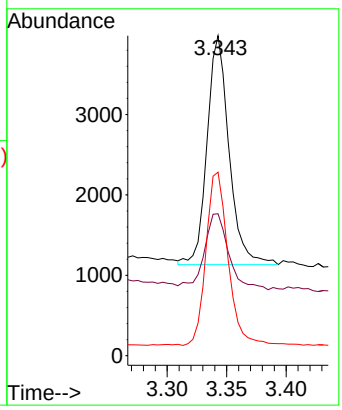


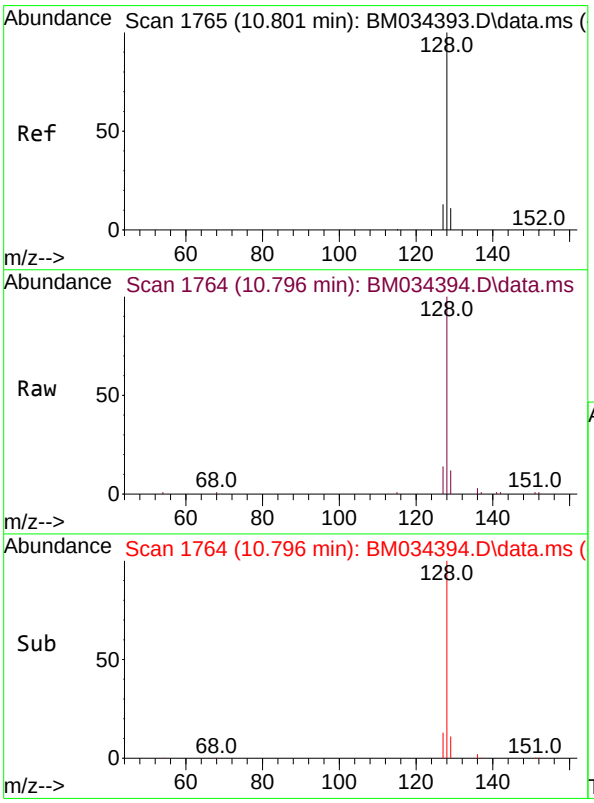
#2
1,4-Dioxane
Concen: 1.127 ng/ul
RT: 3.343 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion: 88 Resp: 3665

Ion	Ratio	Lower	Upper
88	100		
43	44.3	49.7	74.5#
58	57.3	52.5	78.7

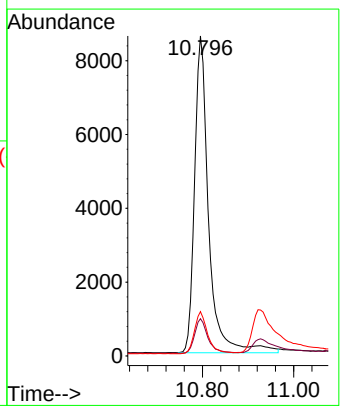


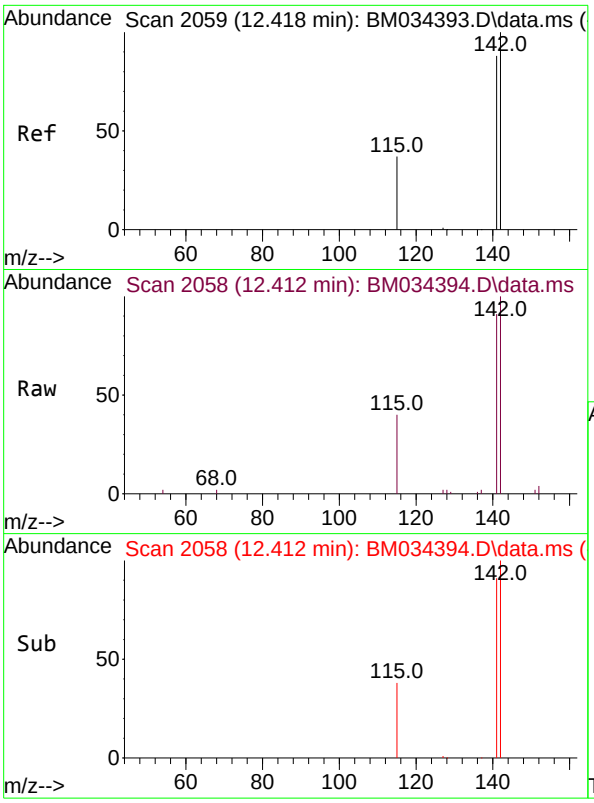


#5
Naphthalene
Concen: 0.831 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:128 Resp: 18388

Ion	Ratio	Lower	Upper
128	100		
129	11.7	13.4	20.2#
127	13.9	15.2	22.8#



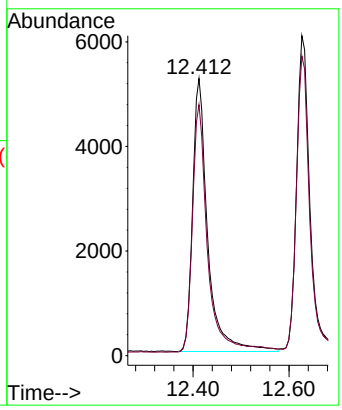


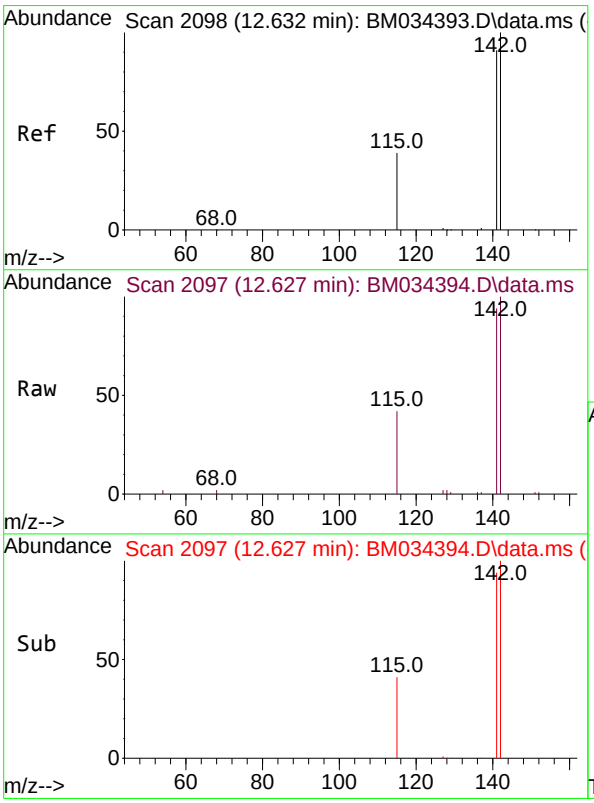
#7
2-Methylnaphthalene
Concen: 0.727 ng/ul
RT: 12.412 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:142 Resp: 11364

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.8	107.6

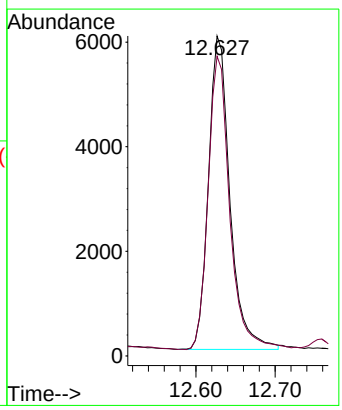


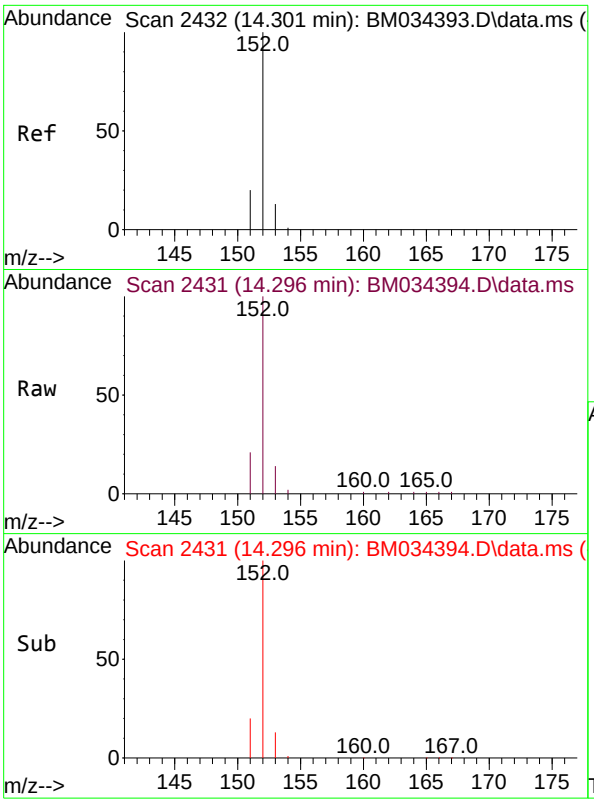


#8
1-Methylnaphthalene
Concen: 0.726 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:142 Resp: 11281

Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.0	112.4



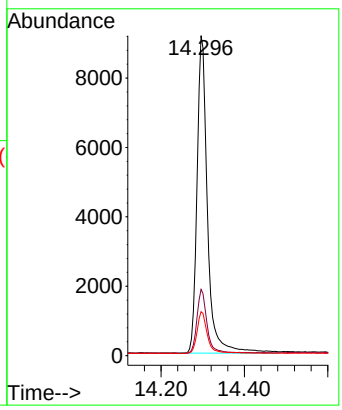


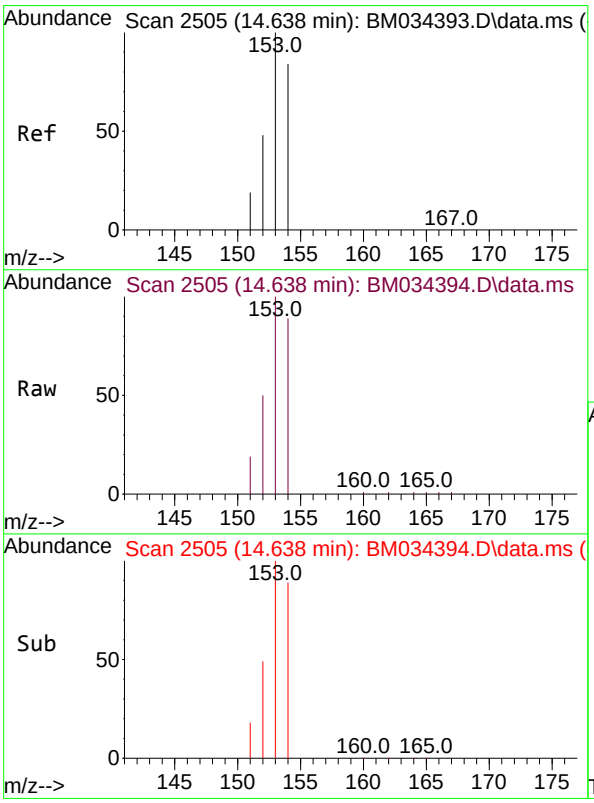
#10
Acenaphthylene
Concen: 0.897 ng/ul
RT: 14.296 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:152 Resp: 16028

Ion	Ratio	Lower	Upper
152	100		
151	20.7	19.9	29.9
153	13.8	15.0	22.4#

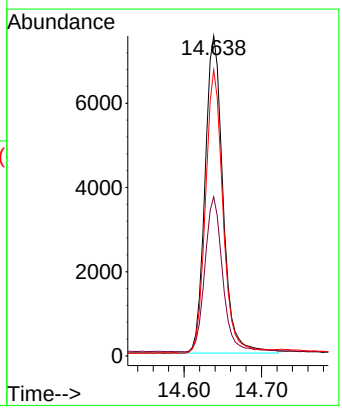


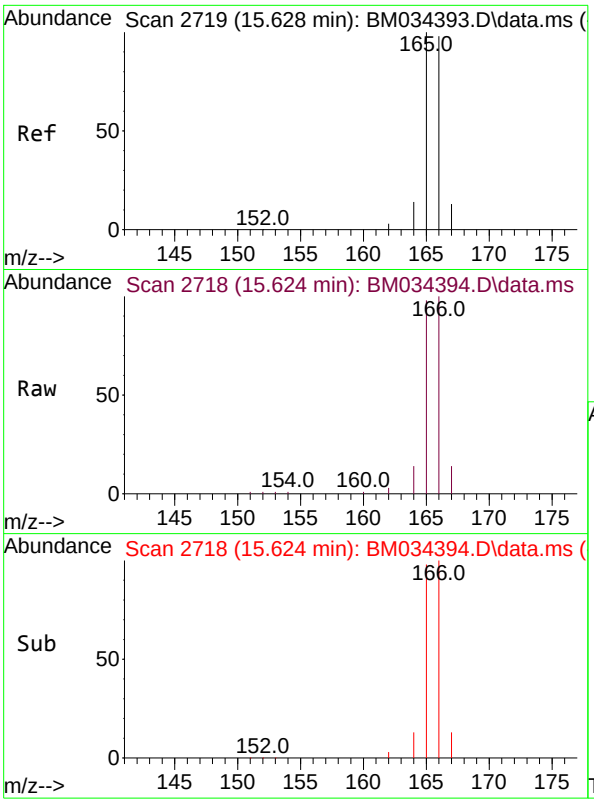


#11
Acenaphthene
Concen: 0.839 ng/ul
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:153 Resp: 12116

Ion	Ratio	Lower	Upper
153	100		
152	49.7	42.4	63.6
154	89.4	66.2	99.2



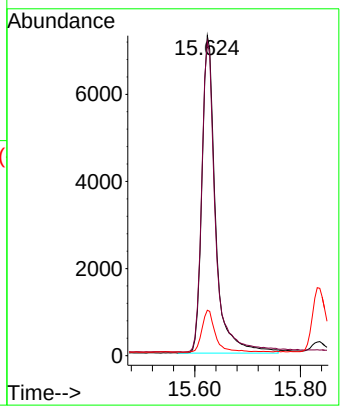


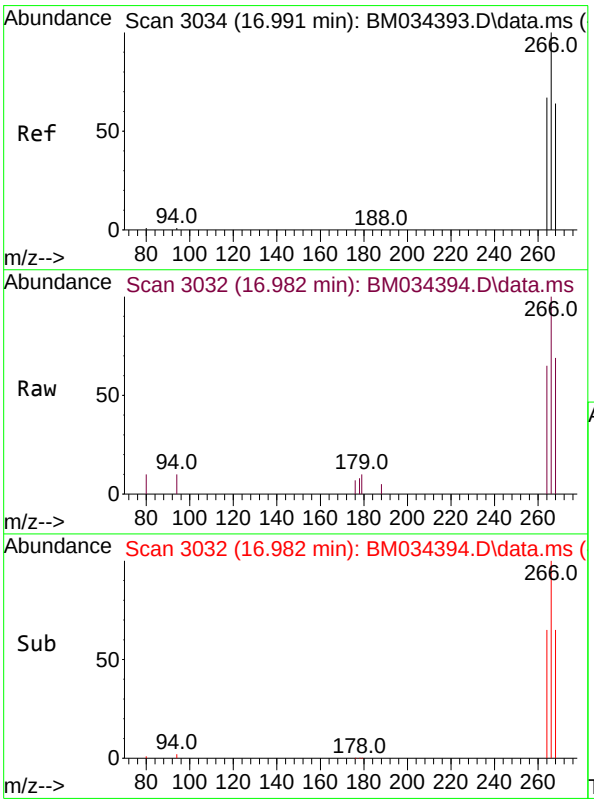
#12
Fluorene
Concen: 0.744 ng/ul
RT: 15.624 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:166 Resp: 13008

Ion	Ratio	Lower	Upper
166	100		
165	98.2	81.1	121.7
167	14.2	14.9	22.3#

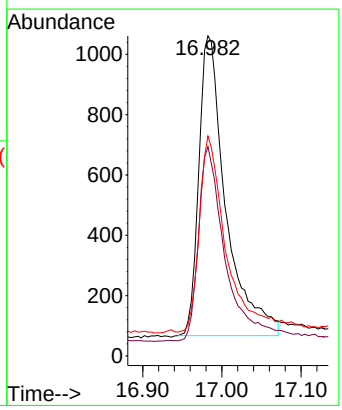


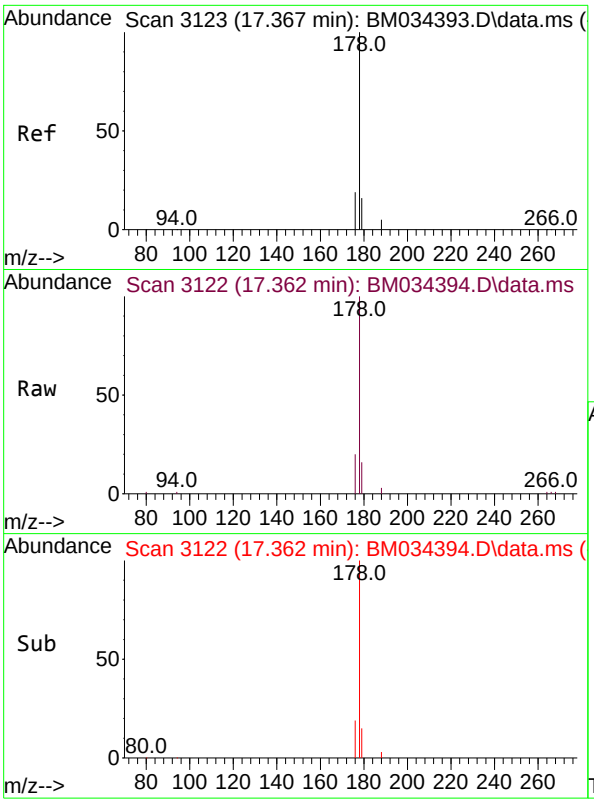


#14
Pentachlorophenol
Concen: 0.980 ng/ul
RT: 16.982 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:266 Resp: 2358

Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.4	77.0
268	64.2	53.1	79.7





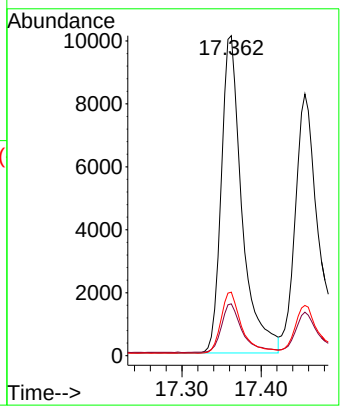
#15
Phenanthrene
Concen: 0.812 ng/ul
RT: 17.362 min Scan# 3

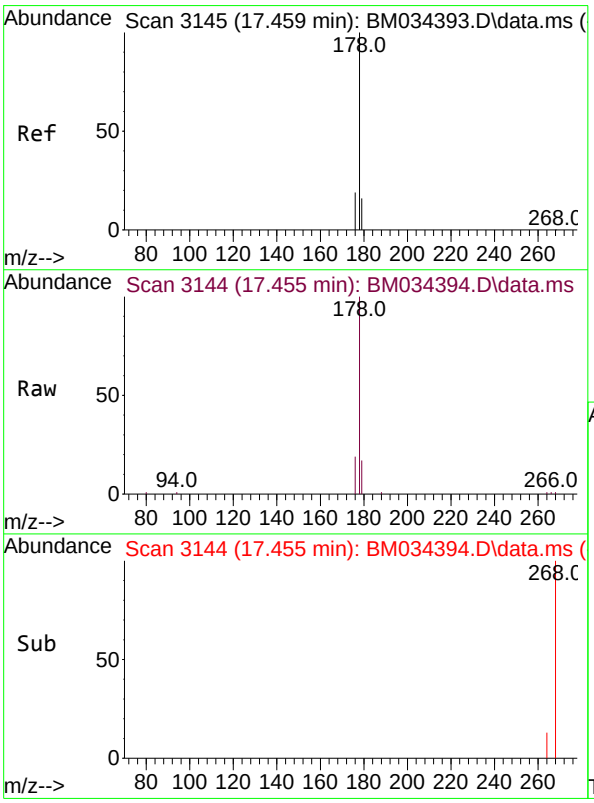
Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Delta R.T. -0.004 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:178 Resp: 18402

Ion	Ratio	Lower	Upper
178	100		
179	16.2	15.0	22.6
176	19.8	17.9	26.9

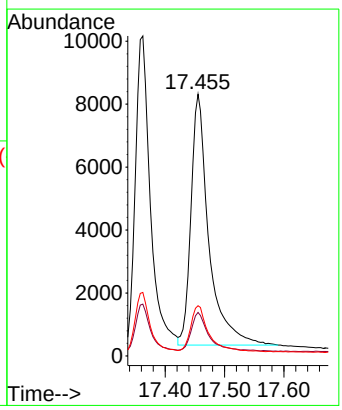


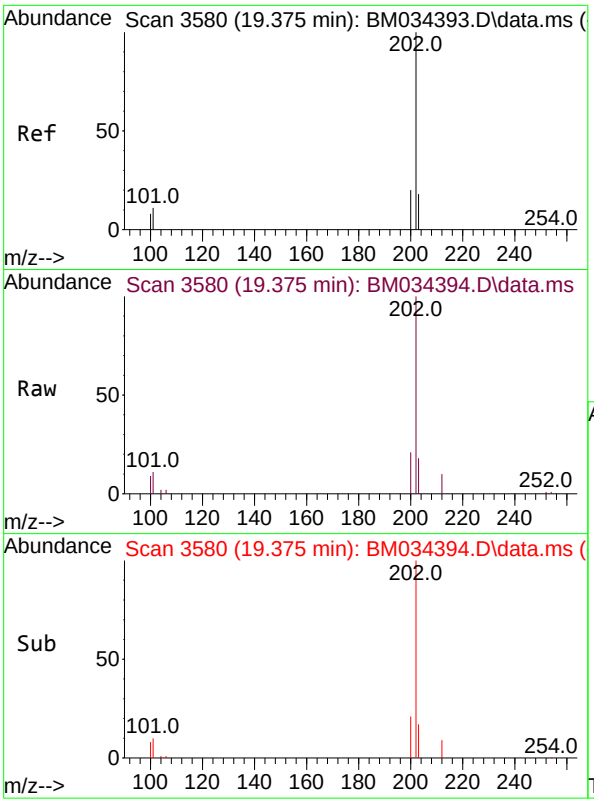


#16
Anthracene
Concen: 0.811 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:178 Resp: 16690

Ion	Ratio	Lower	Upper
178	100		
179	16.6	16.5	24.7
176	19.2	18.3	27.5



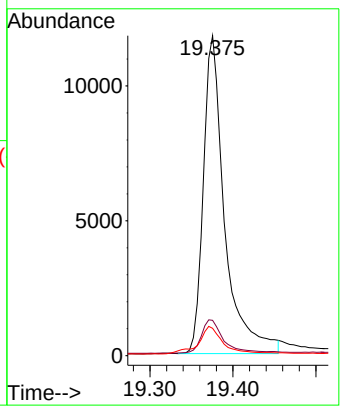


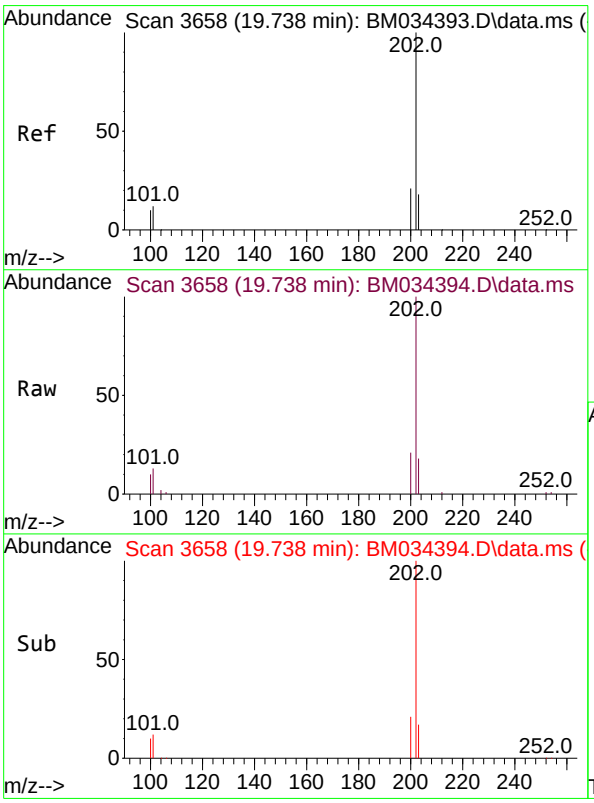
#19
Fluoranthene
Concen: 0.848 ng/ul
RT: 19.375 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:202 Resp: 21130

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	8.5	7.2	10.8

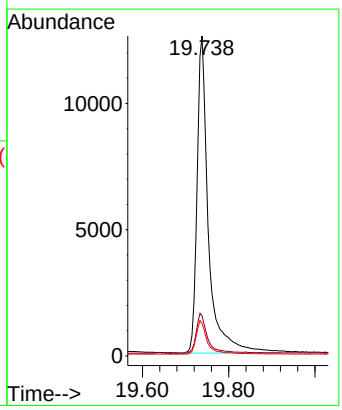


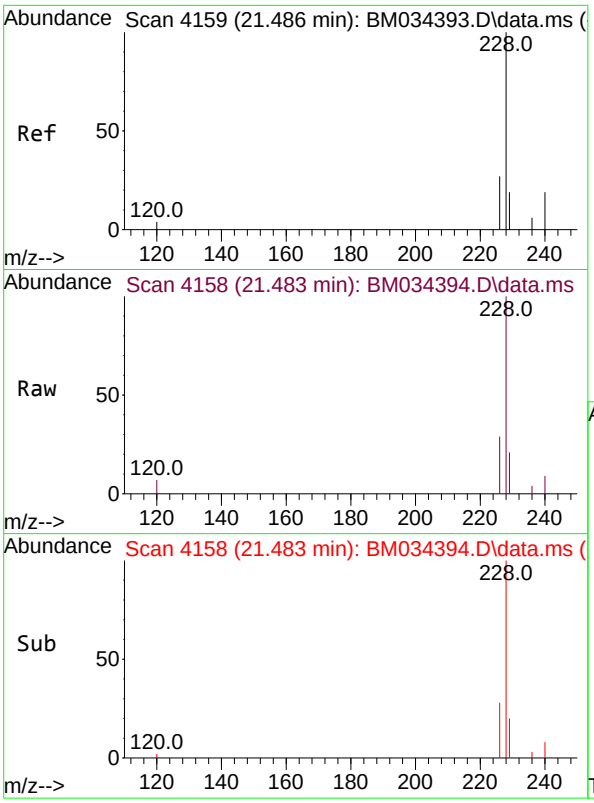


#20
Pyrene
Concen: 0.925 ng/ul
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:202 Resp: 23099

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
100	10.1	7.8	11.6



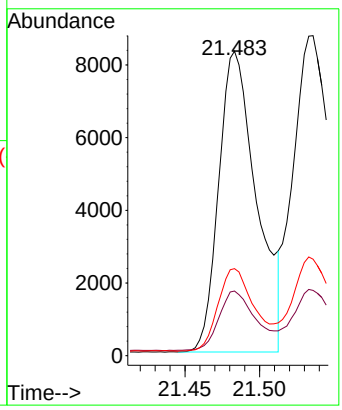


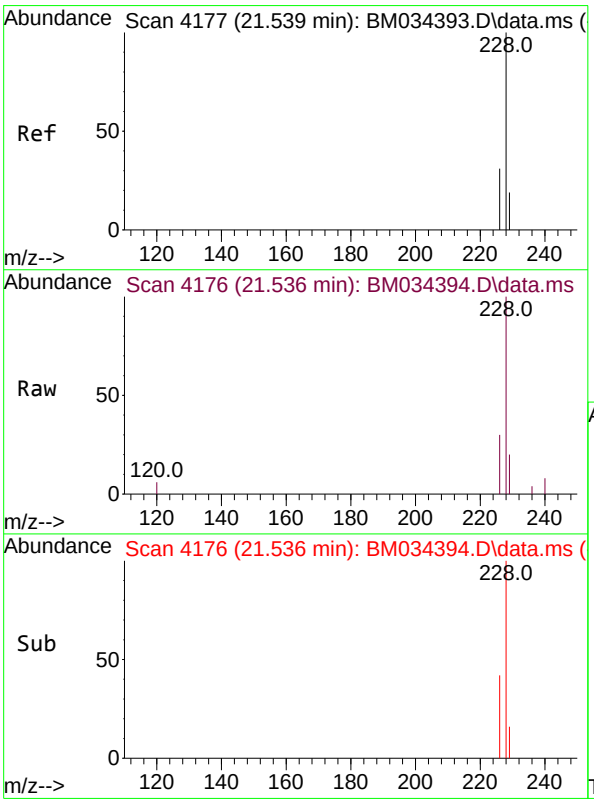
#21
Benzo(a)anthracene
Concen: 0.692 ng/ul
RT: 21.483 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:228 Resp: 14655

Ion	Ratio	Lower	Upper
228	100		
229	21.2	17.3	25.9
226	28.6	23.2	34.8

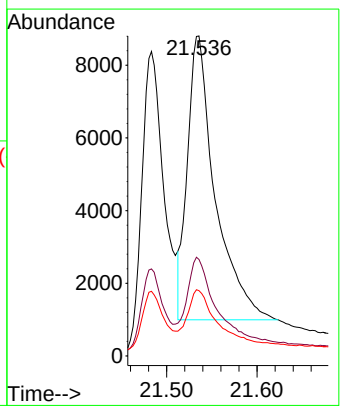


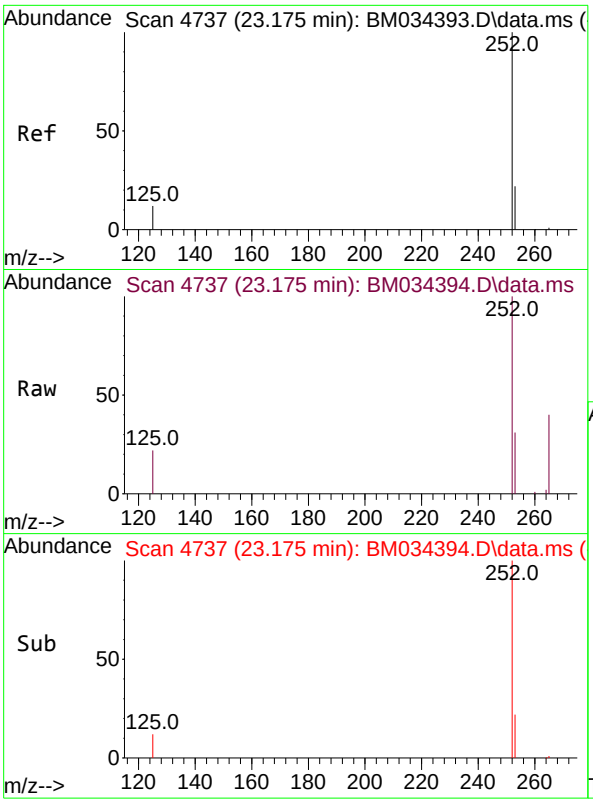


#22
Chrysene
Concen: 0.743 ng/ul
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:228 Resp: 16718

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.8	38.8
229	20.4	16.7	25.1



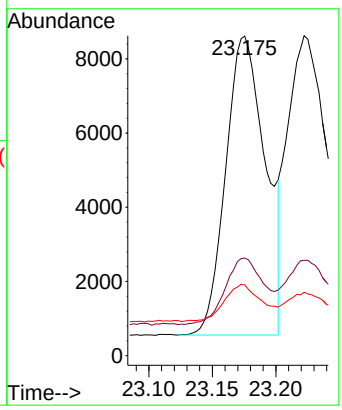


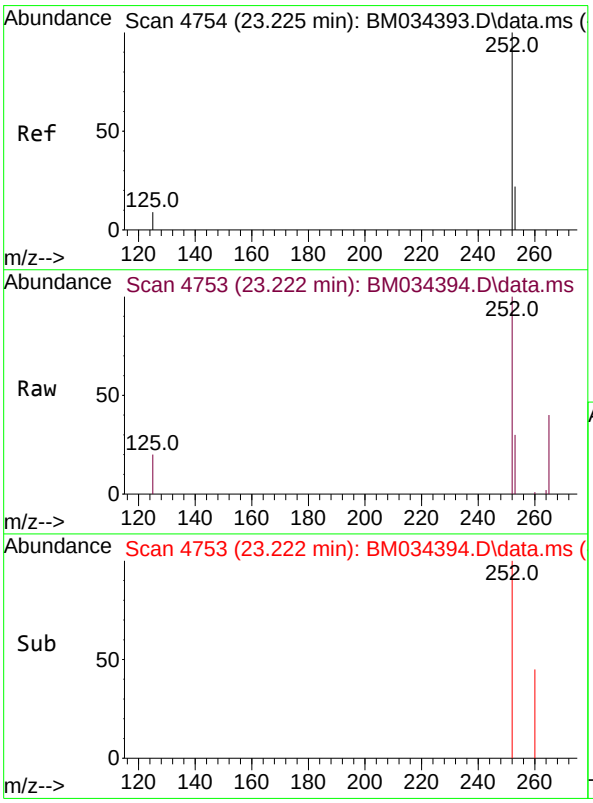
#24
Benzo(b)fluoranthene
Concen: 0.665 ng/ul
RT: 23.175 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 17503

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	64.2
125	22.1	0.0	28.8

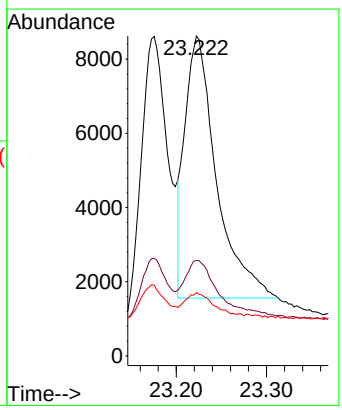


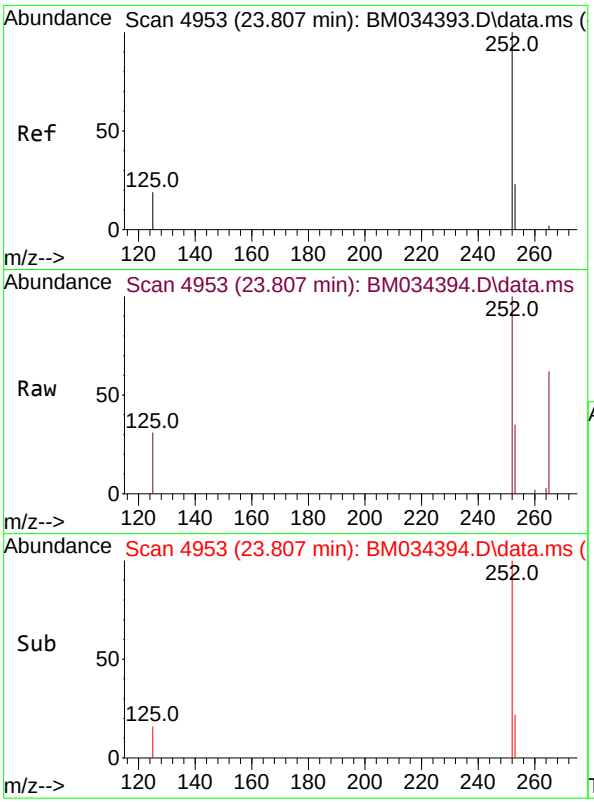


#25
Benzo(k)fluoranthene
Concen: 0.642 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:252 Resp: 17180

Ion	Ratio	Lower	Upper
252	100		
253	29.8	26.8	40.2
125	19.8	12.0	18.0#



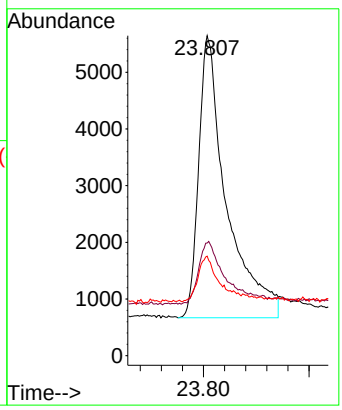


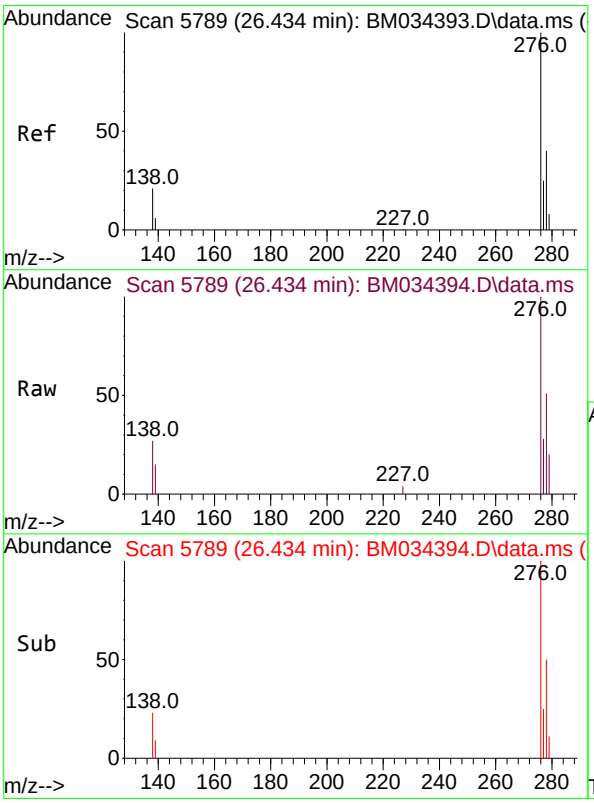
#26
Benzo(a)pyrene
Concen: 0.817 ng/ul
RT: 23.807 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 18147

Ion	Ratio	Lower	Upper
252	100		
253	35.2	32.0	48.0
125	31.1	14.5	21.7#

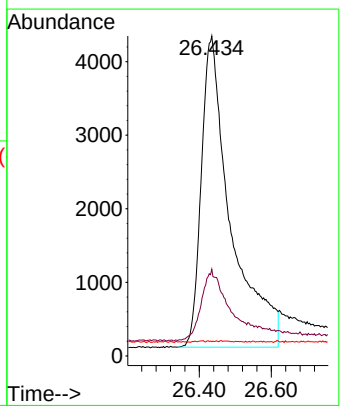


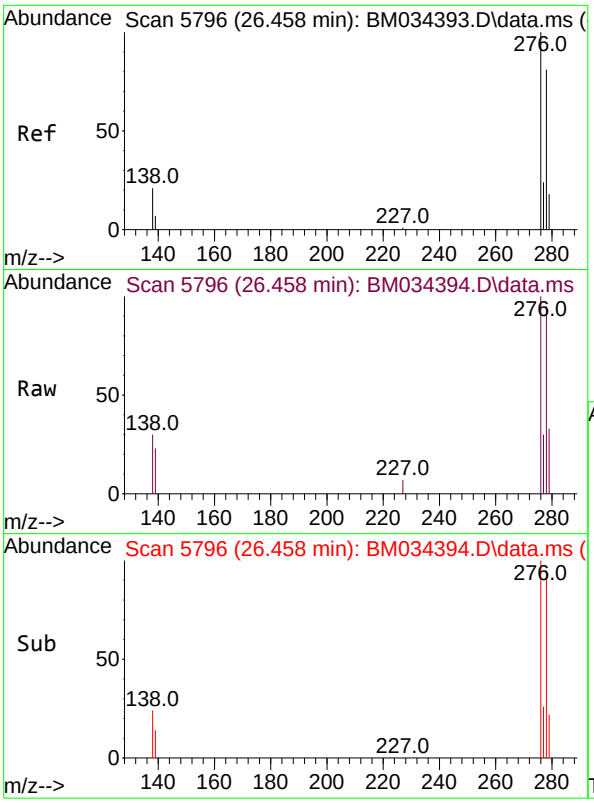


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.769 ng/ul
RT: 26.434 min Scan# 5789
Delta R.T. 0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:276 Resp: 23842

Ion	Ratio	Lower	Upper
276	100		
138	24.4	15.8	23.6#
227	0.1	0.0	0.0#



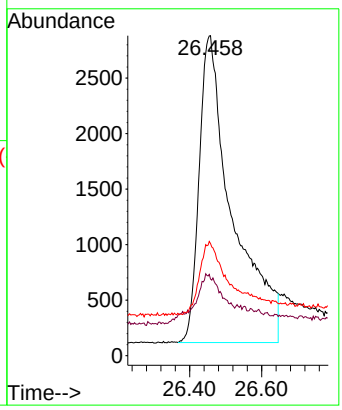


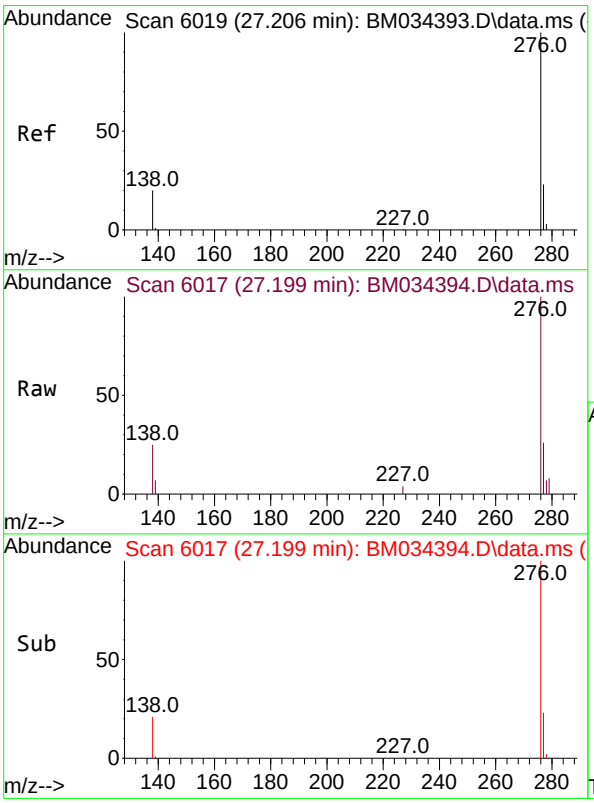
#28
Dibenzo(a,h)anthracene
Concen: 0.703 ng/ul
RT: 26.458 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:278 Resp: 17815

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.0	27.0
279	35.0	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.852 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM034394.D
Acq: 28 Mar 2022 16:37

Tgt Ion:276 Resp: 23204

Ion	Ratio	Lower	Upper
276	100		
138	24.7	17.4	26.0
277	26.3	22.6	33.8