Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
Data File : BM033834.D
Acq On : 24 Jan 2022 12:43
Operator : CG/JU
Sample : SSTD0.445
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Quant Time: Jan 24 14:05:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 14:03:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1954	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6745	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	3320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	6791	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5781	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	5796	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	867	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3798	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	7186	0.401	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	885	0.390	ng/ul	93
5) Naphthalene	10.806	128	7485	0.383	ng/ul#	89
7) 2-Methylnaphthalene	12.420	142	4885	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	4749	0.385	ng/ul	100
10) Acenaphthylene	14.303	152	6047	0.394	ng/ul#	91
11) Acenaphthene	14.644	153	4846	0.396	ng/ul	95
12) Fluorene	15.626	166	5452	0.372	ng/ul	98
14) Pentachlorophenol	16.973	266	1302	0.486	ng/ul	97
15) Phenanthrene	17.358	178	8766	0.399	ng/ul	96
16) Anthracene	17.451	178	8246	0.409	ng/ul	93
19) Fluoranthene	19.369	202	10587	0.390	ng/ul	99
20) Pyrene	19.727	202	10873	0.396	ng/ul#	94
21) Benzo(a)anthracene	21.468	228	9486	0.395	ng/ul	98
22) Chrysene	21.521	228	10154	0.414	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	10538	0.415	ng/ul	92
25) Benzo(k)fluoranthene	23.199	252	10625	0.427	ng/ul#	92
26) Benzo(a)pyrene	23.779	252	9032	0.409	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.395	276	12090	0.421	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.412	278	9558	0.418	ng/ul	93
29) Benzo(g,h,i)perylene	27.163	276	10411	0.422	ng/ul	93

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

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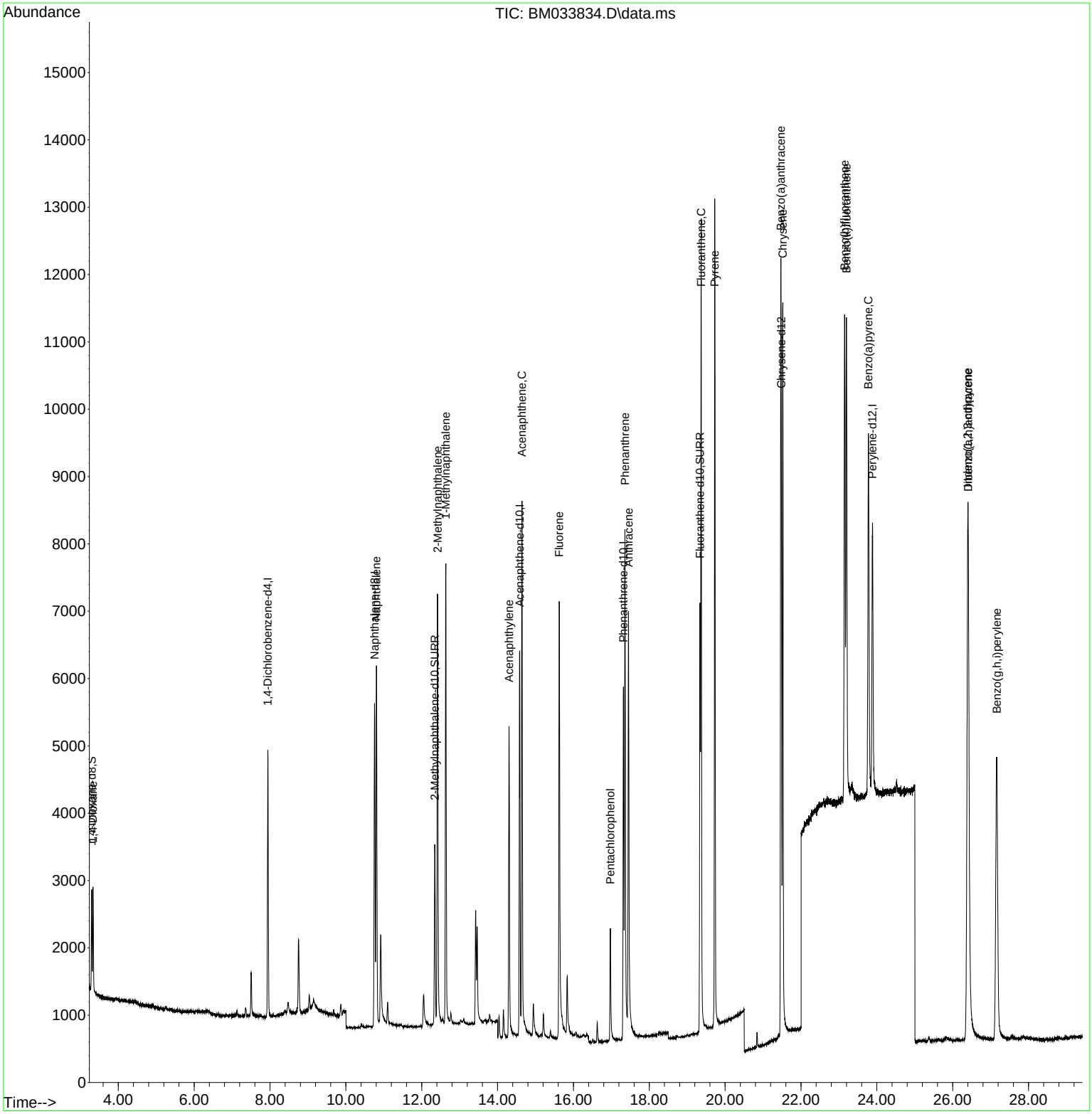
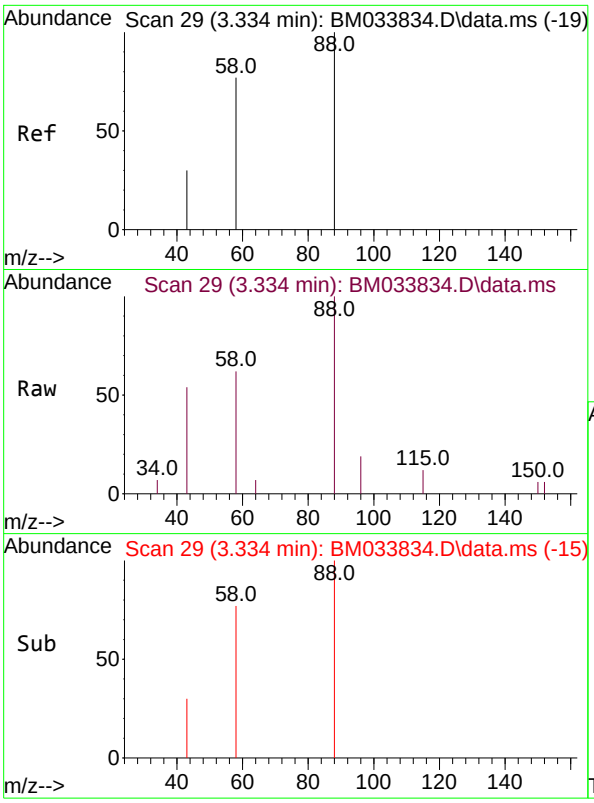


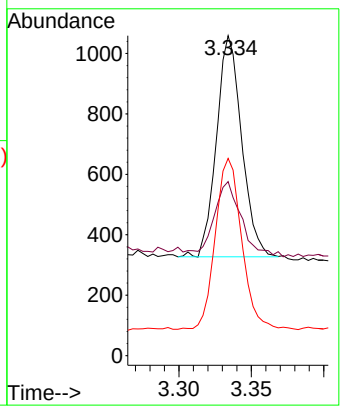


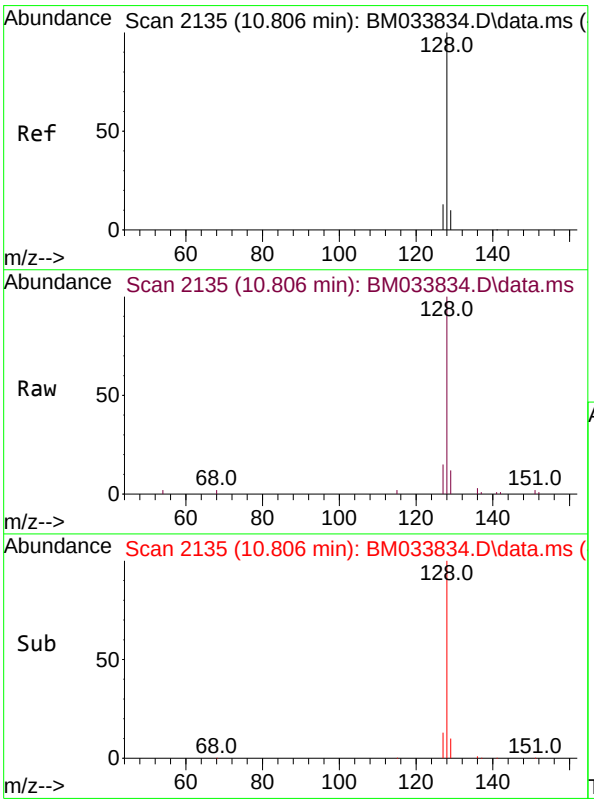
#2
1,4-Dioxane
Concen: 0.390 ng/ul
RT: 3.334 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion: 88 Resp: 885

Ion	Ratio	Lower	Upper
88	100		
43	54.4	49.7	74.5
58	61.7	52.5	78.7

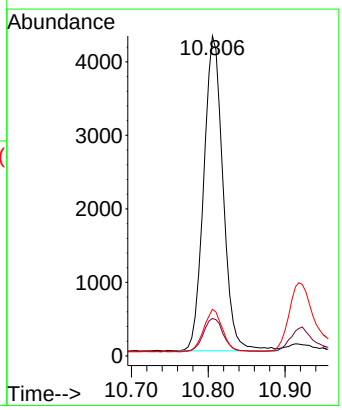


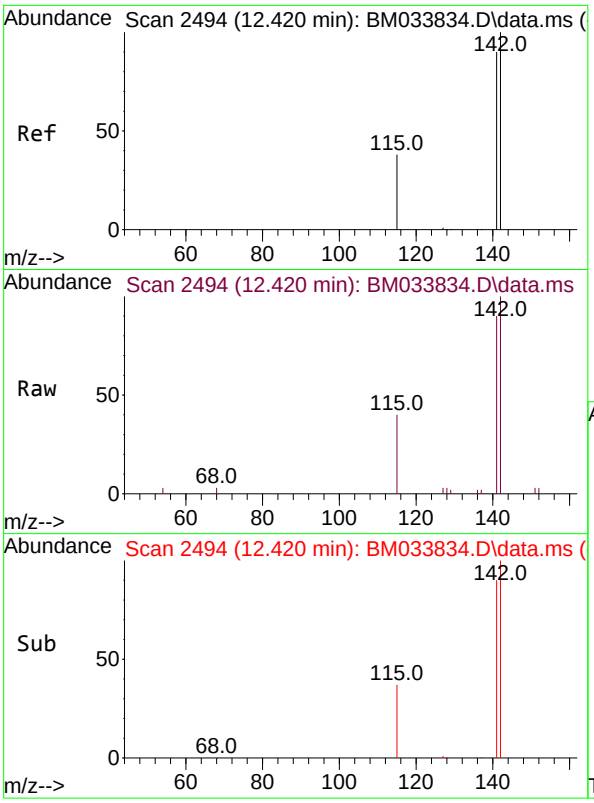


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.806 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:128 Resp: 7485

Ion	Ratio	Lower	Upper
128	100		
129	11.7	13.4	20.2#
127	14.5	15.2	22.8#



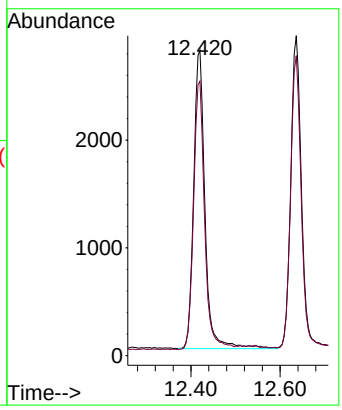


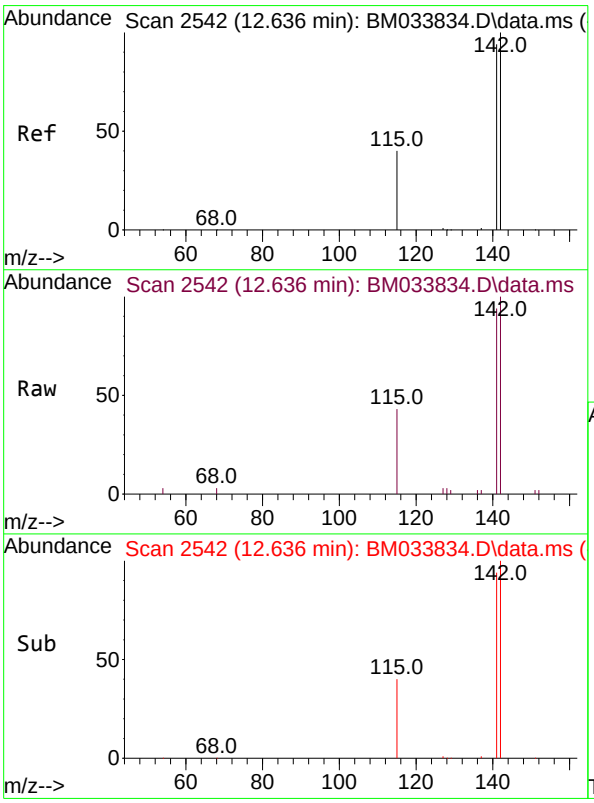
#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.420 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:142 Resp: 4885

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.8	107.6

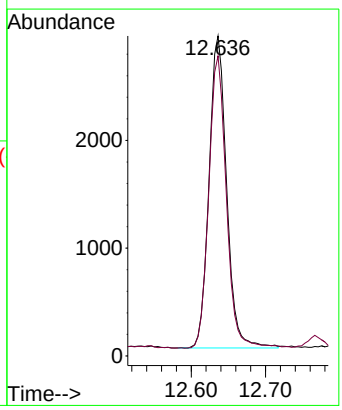


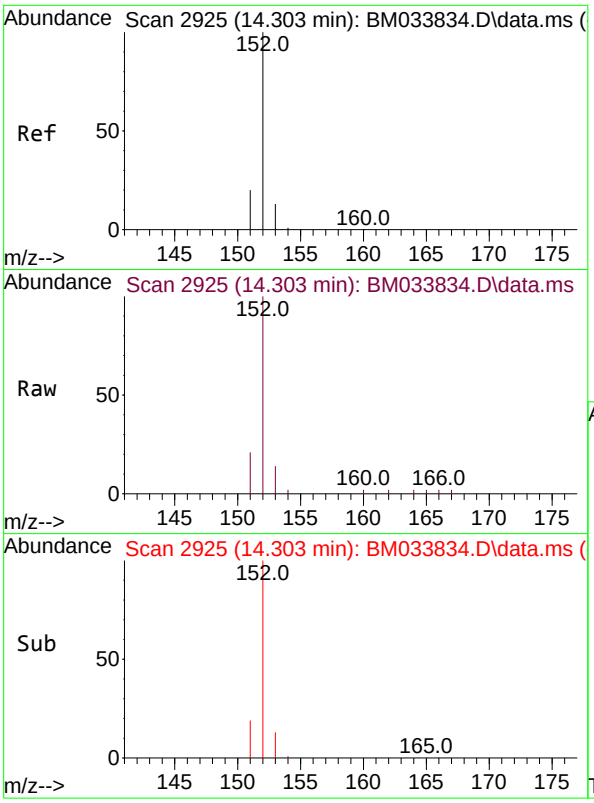


#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:142 Resp: 4749

Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.0	112.4



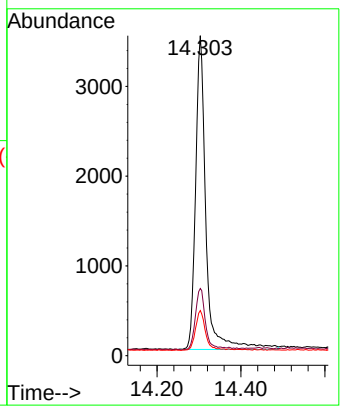


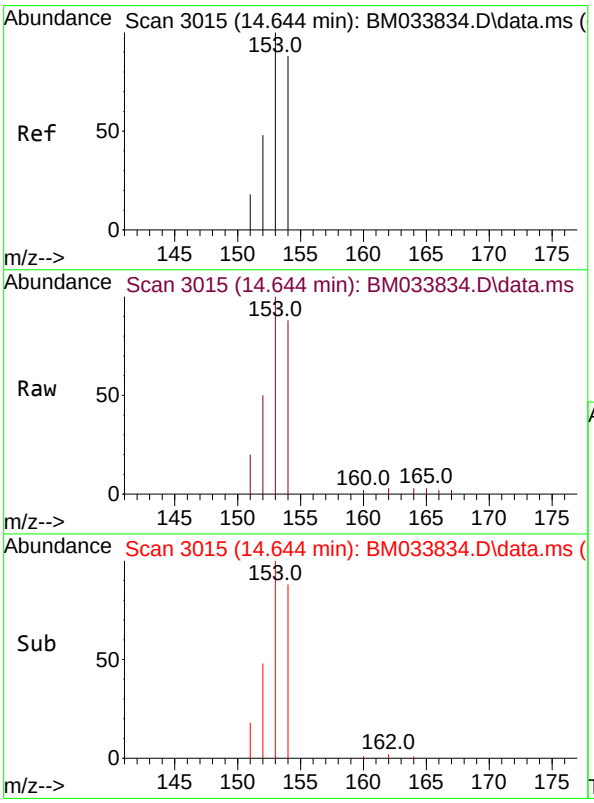
#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.303 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:152 Resp: 6047

Ion	Ratio	Lower	Upper
152	100		
151	21.0	19.9	29.9
153	14.1	15.0	22.4#

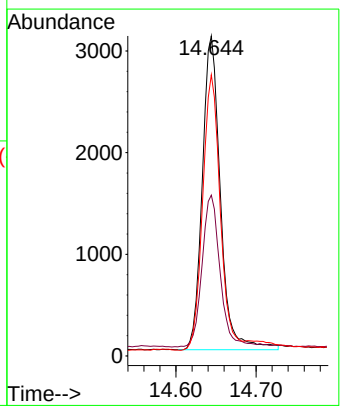


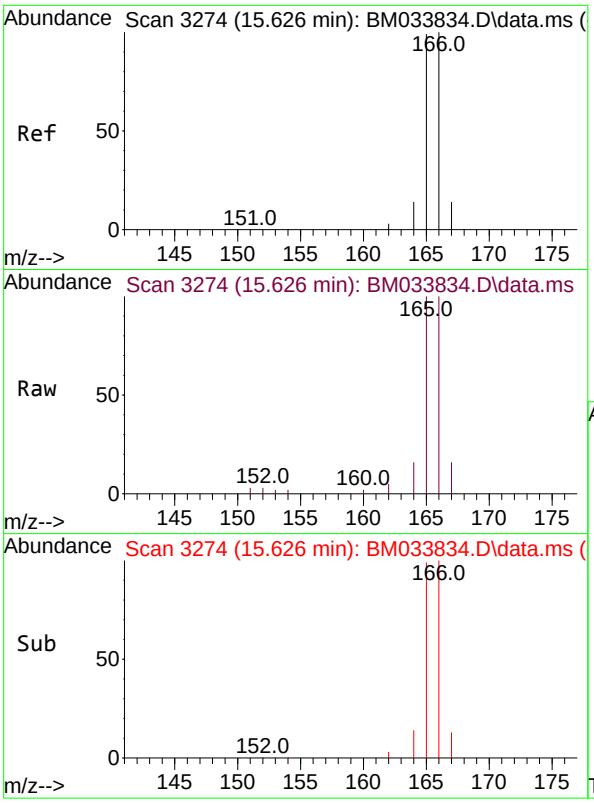


#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.644 min Scan# 3015
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:153 Resp: 4846

Ion	Ratio	Lower	Upper
153	100		
152	50.3	42.4	63.6
154	87.9	66.2	99.2



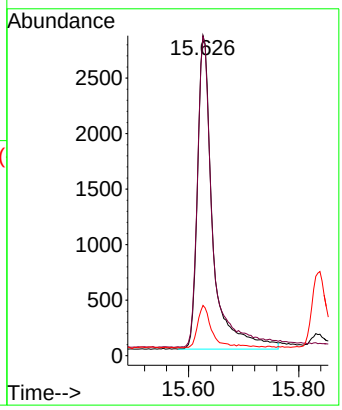


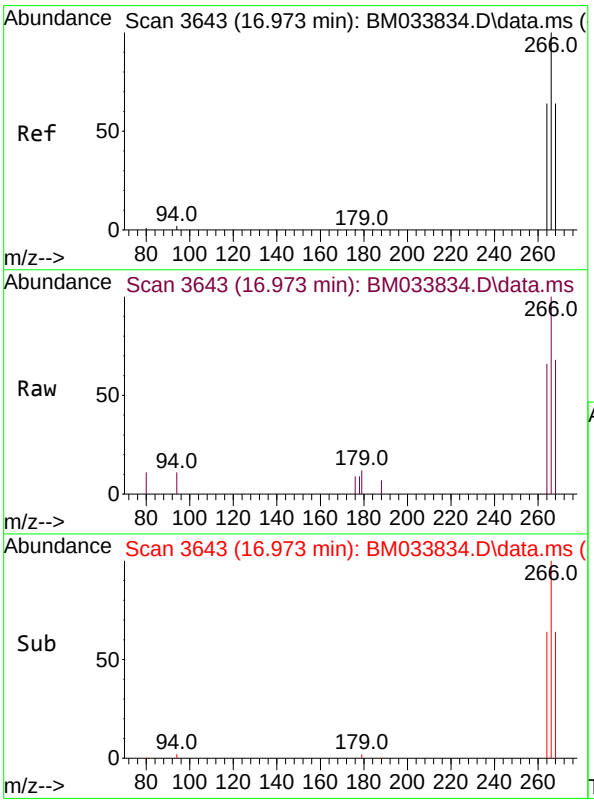
#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.626 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:166 Resp: 5452

Ion	Ratio	Lower	Upper
166	100		
165	99.8	81.1	121.7
167	15.7	14.9	22.3

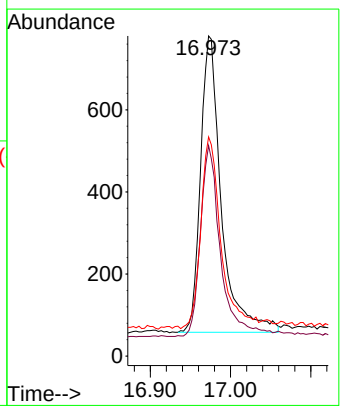


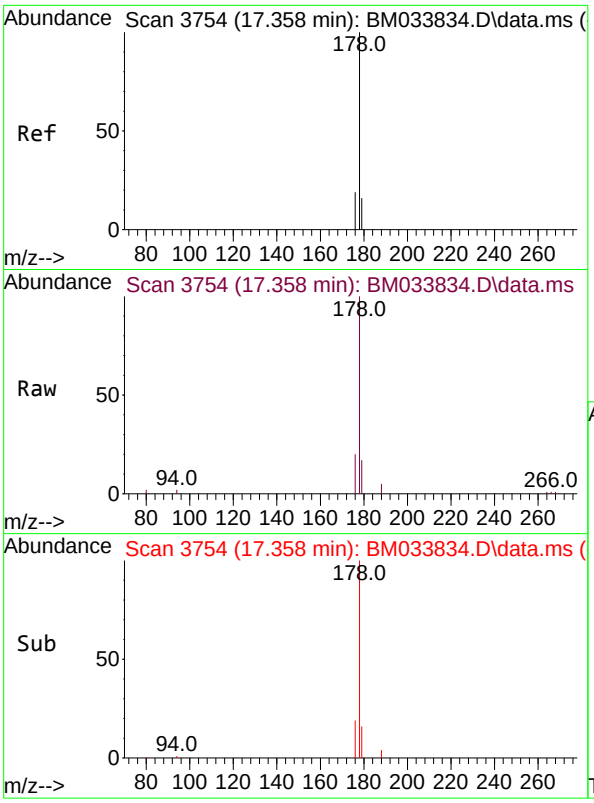


#14
Pentachlorophenol
Concen: 0.486 ng/ul
RT: 16.973 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:266 Resp: 1302

Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.4	77.0
268	63.1	53.1	79.7



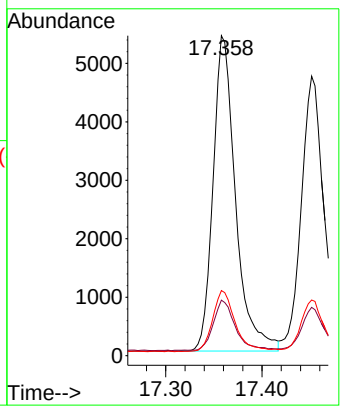


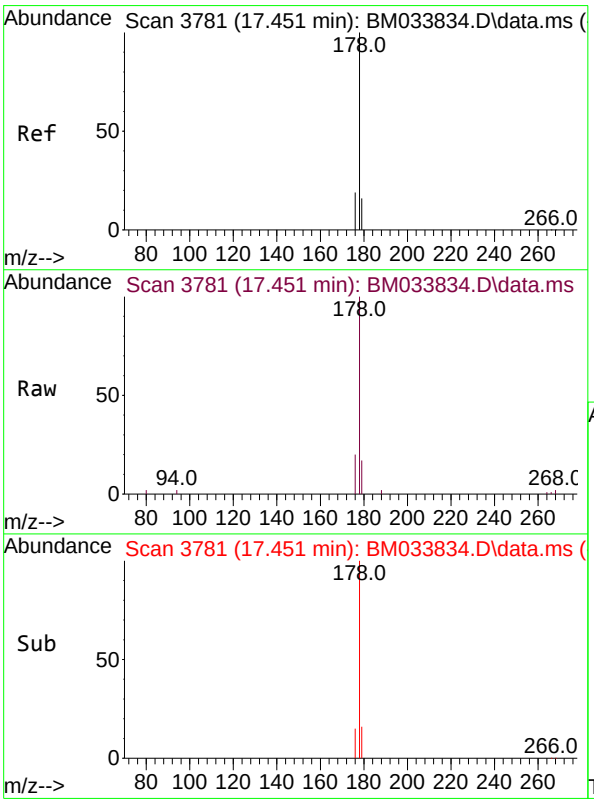
#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:178 Resp: 8766

Ion	Ratio	Lower	Upper
178	100		
179	17.4	15.0	22.6
176	20.4	17.9	26.9

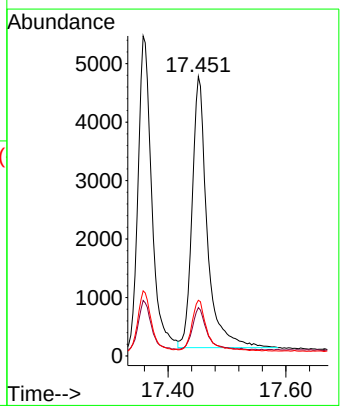


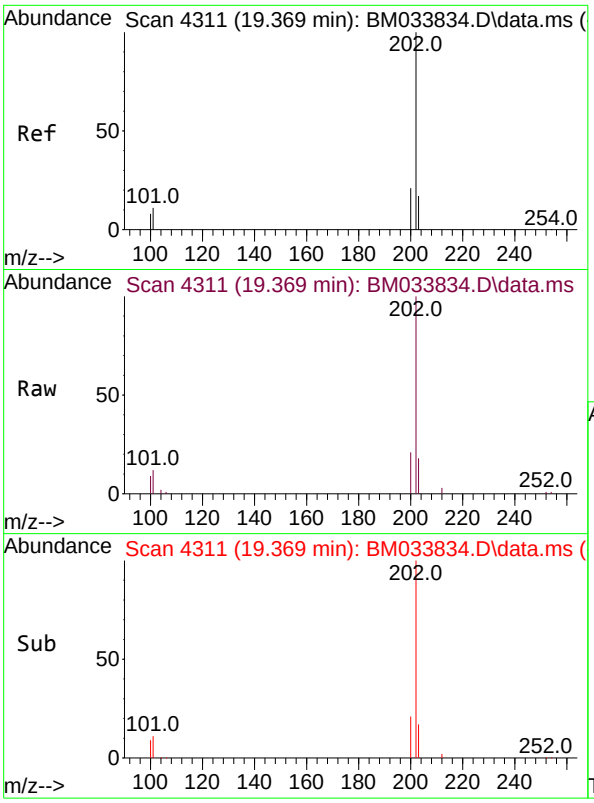


#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.451 min Scan# 3781
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:178 Resp: 8246

Ion	Ratio	Lower	Upper
178	100		
179	17.3	16.5	24.7
176	19.9	18.3	27.5



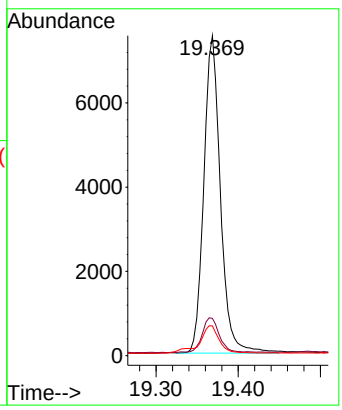


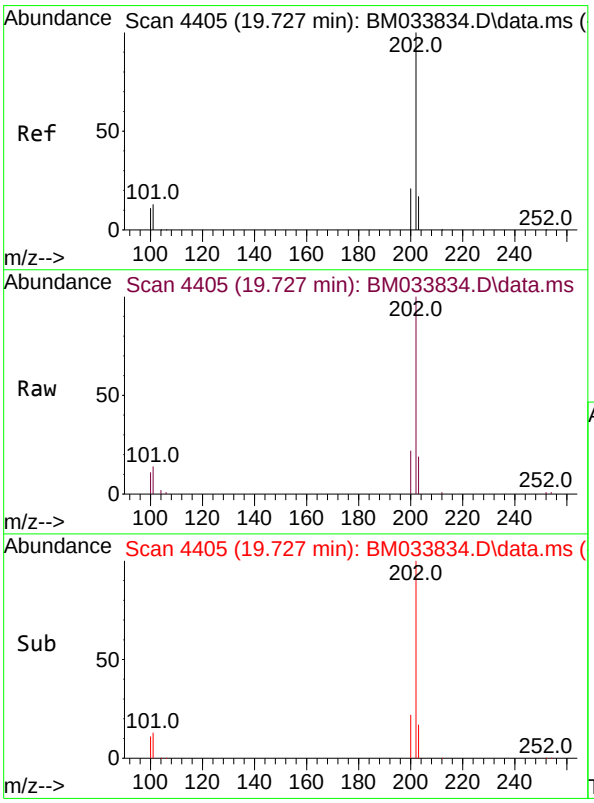
#19
Fluoranthene
Concen: 0.390 ng/ul
RT: 19.369 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:202 Resp: 10587

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	9.3	7.2	10.8

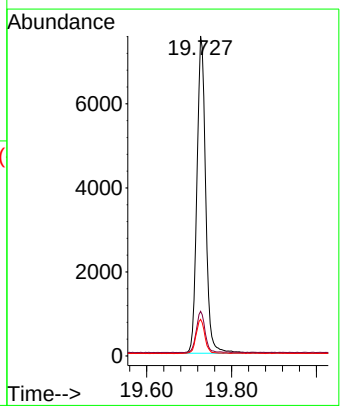


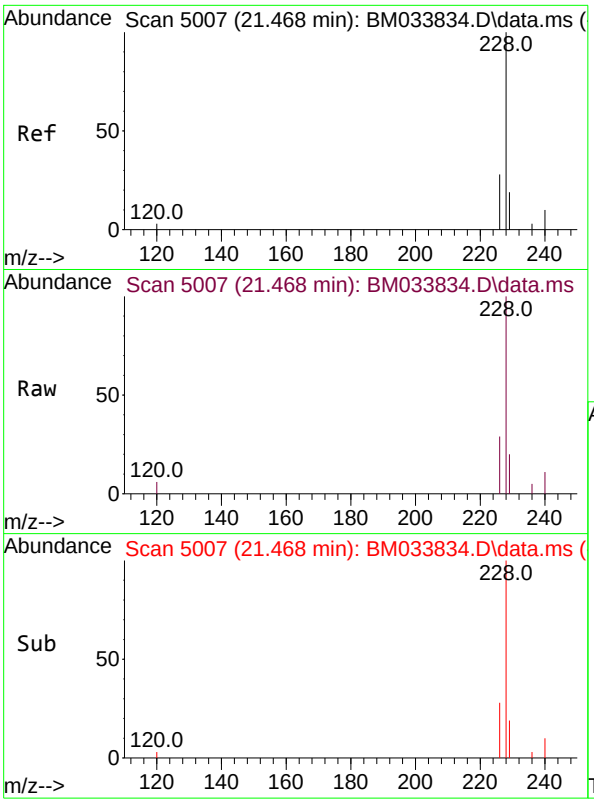


#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:202 Resp: 10873

Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.3	13.9#
100	11.5	7.8	11.6



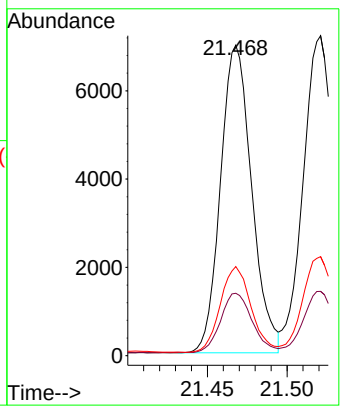


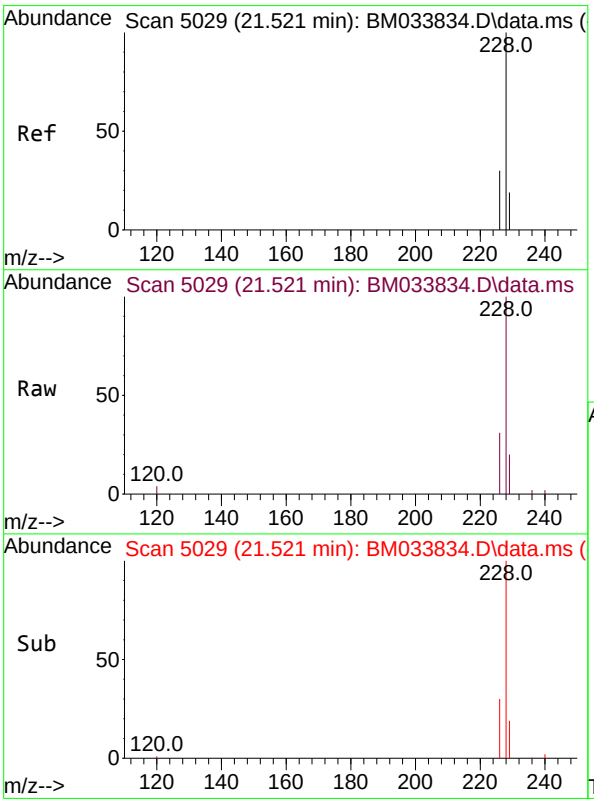
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.468 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:228 Resp: 9486

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.3	25.9
226	28.7	23.2	34.8

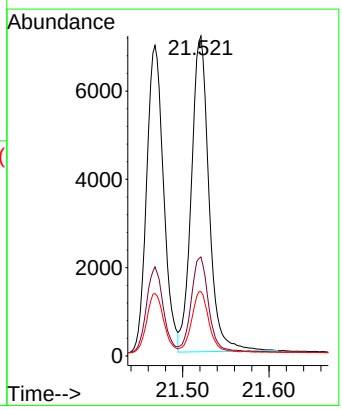


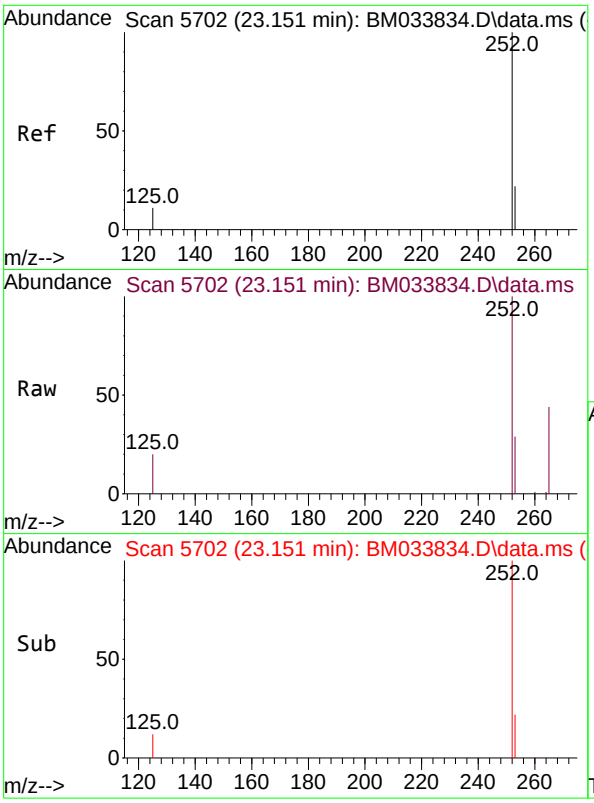


#22
Chrysene
Concen: 0.414 ng/ul
RT: 21.521 min Scan# 5029
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:228 Resp: 10154

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.8	38.8
229	20.1	16.7	25.1



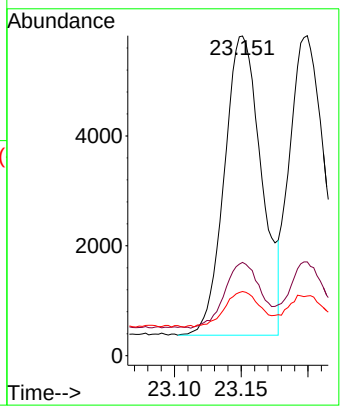


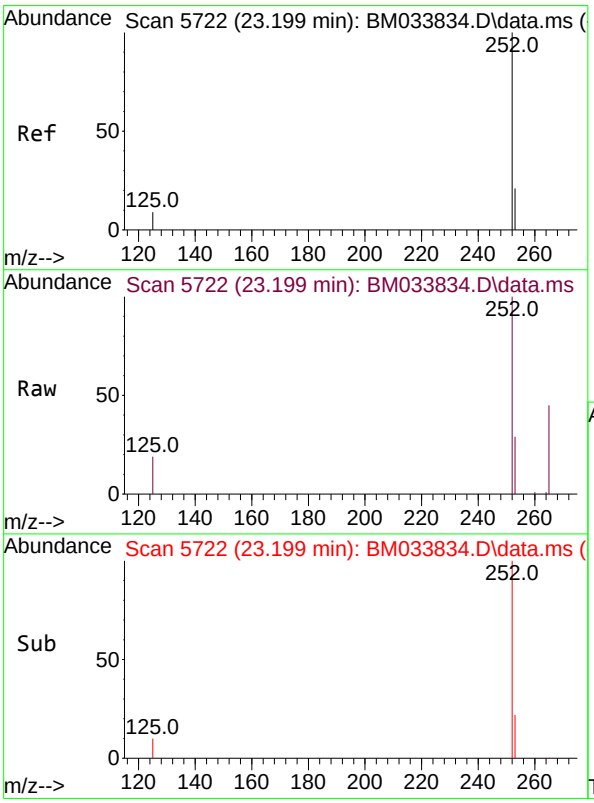
#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul
RT: 23.151 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:252 Resp: 10538

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	64.2
125	20.1	0.0	28.8

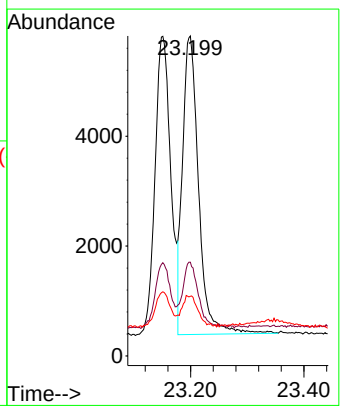


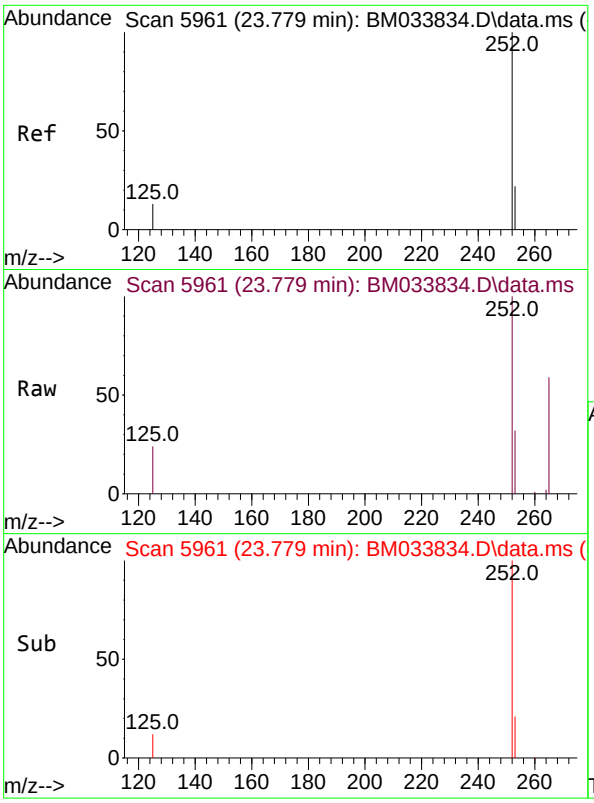


#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.199 min Scan# 5722
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:252 Resp: 10625

Ion	Ratio	Lower	Upper
252	100		
253	29.3	26.8	40.2
125	18.7	12.0	18.0#



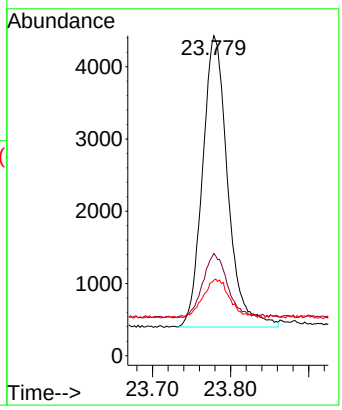


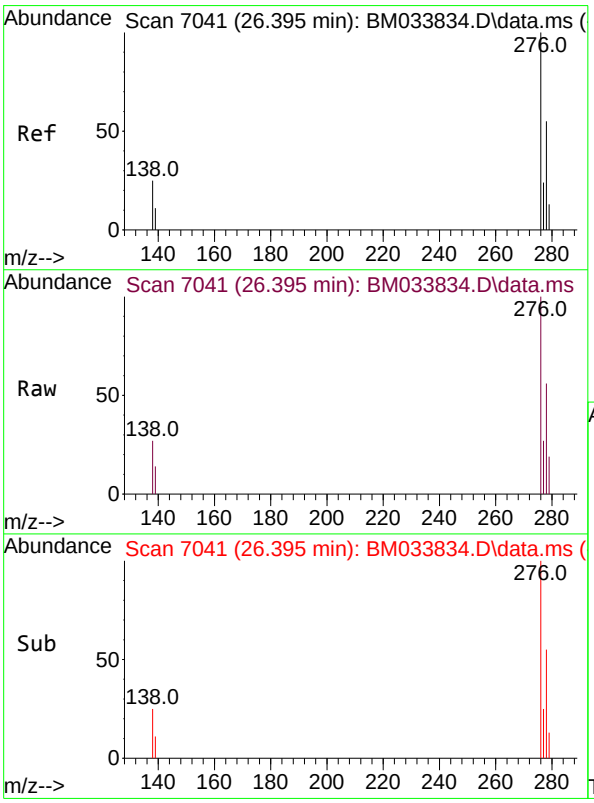
#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.779 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:252 Resp: 9032

Ion	Ratio	Lower	Upper
252	100		
253	31.9	32.0	48.0#
125	23.6	14.5	21.7#

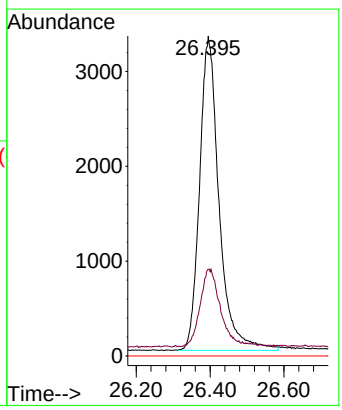


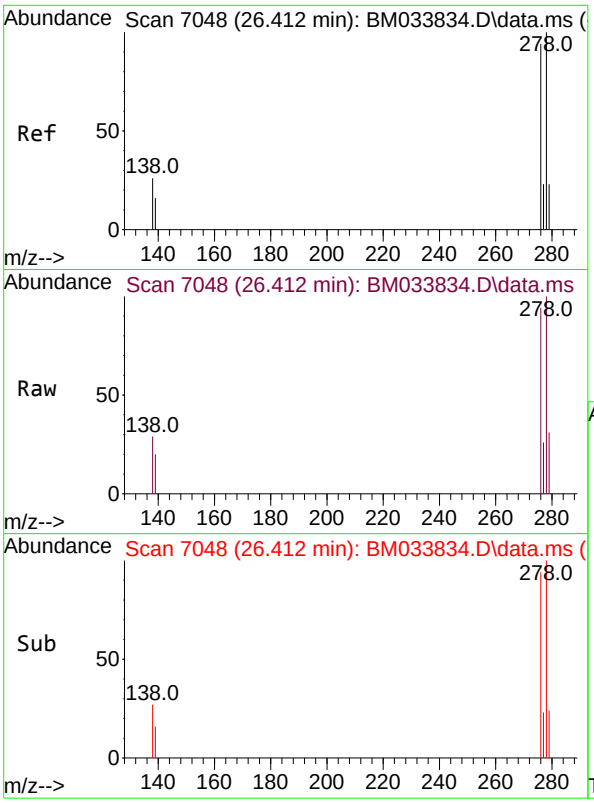


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 26.395 min Scan# 7041
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:276 Resp: 12090

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



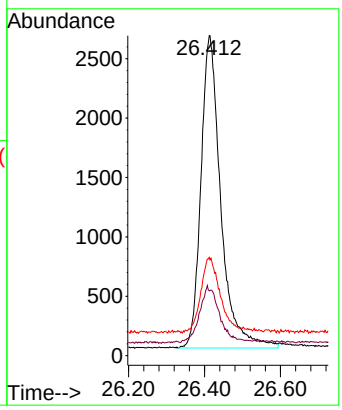


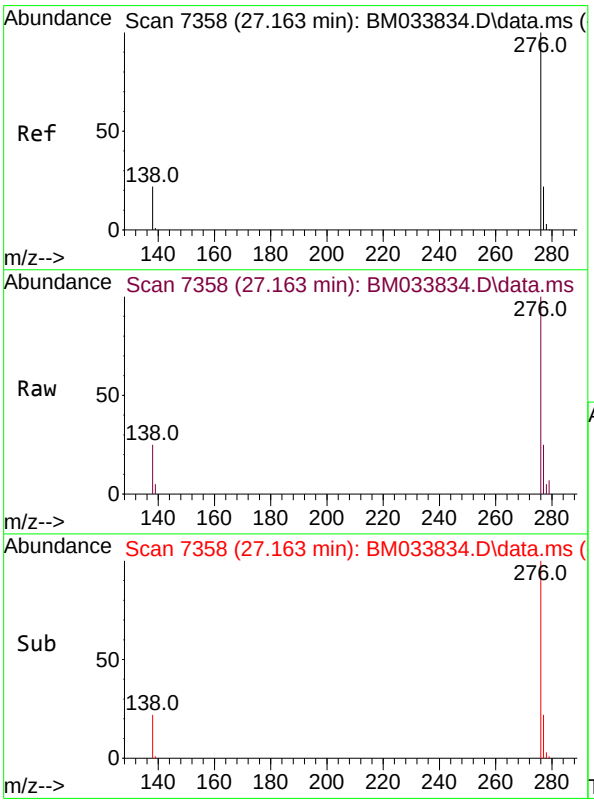
#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.412 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:278 Resp: 9558

Ion	Ratio	Lower	Upper
278	100		
139	20.2	18.0	27.0
279	30.7	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 27.163 min Scan# 7358
Delta R.T. 0.000 min
Lab File: BM033834.D
Acq: 24 Jan 2022 12:43

Tgt Ion:276 Resp: 10411

Ion	Ratio	Lower	Upper
276	100		
138	25.3	17.4	26.0
277	24.9	22.6	33.8