Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
Data File : BM033831.D
Acq On : 24 Jan 2022 10:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 24 14:04:49 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	7.946	152	1891	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6606	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	3263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	6803	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5777	0.400	ng/ul	# 0.00
23) Perylene-d12	23.883	264	5943	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	840	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3787	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	7241	0.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	905	0.412	ng/ul	93
5) Naphthalene	10.805	128	7396	0.386	ng/ul#	90
7) 2-Methylnaphthalene	12.416	142	4834	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.636	142	4753	0.394	ng/ul	99
10) Acenaphthylene	14.303	152	6097	0.404	ng/ul#	92
11) Acenaphthene	14.640	153	4871	0.405	ng/ul	95
12) Fluorene	15.626	166	5445	0.378	ng/ul	98
14) Pentachlorophenol	16.969	266	1405	0.523	ng/ul	97
15) Phenanthrene	17.358	178	8820	0.400	ng/ul	96
16) Anthracene	17.448	178	8192	0.405	ng/ul	93
19) Fluoranthene	19.368	202	10622	0.392	ng/ul	100
20) Pyrene	19.727	202	10919	0.398	ng/ul	95
21) Benzo(a)anthracene	21.465	228	9796	0.408	ng/ul	98
22) Chrysene	21.519	228	10176	0.415	ng/ul	97
24) Benzo(b)fluoranthene	23.149	252	10534	0.405	ng/ul	92
25) Benzo(k)fluoranthene	23.197	252	10733	0.420	ng/ul#	90
26) Benzo(a)pyrene	23.776	252	9449	0.417	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.390	276	12387	0.420	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.407	278	9812	0.419	ng/ul	94
29) Benzo(g,h,i)perylene	27.156	276	10481	0.414	ng/ul#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
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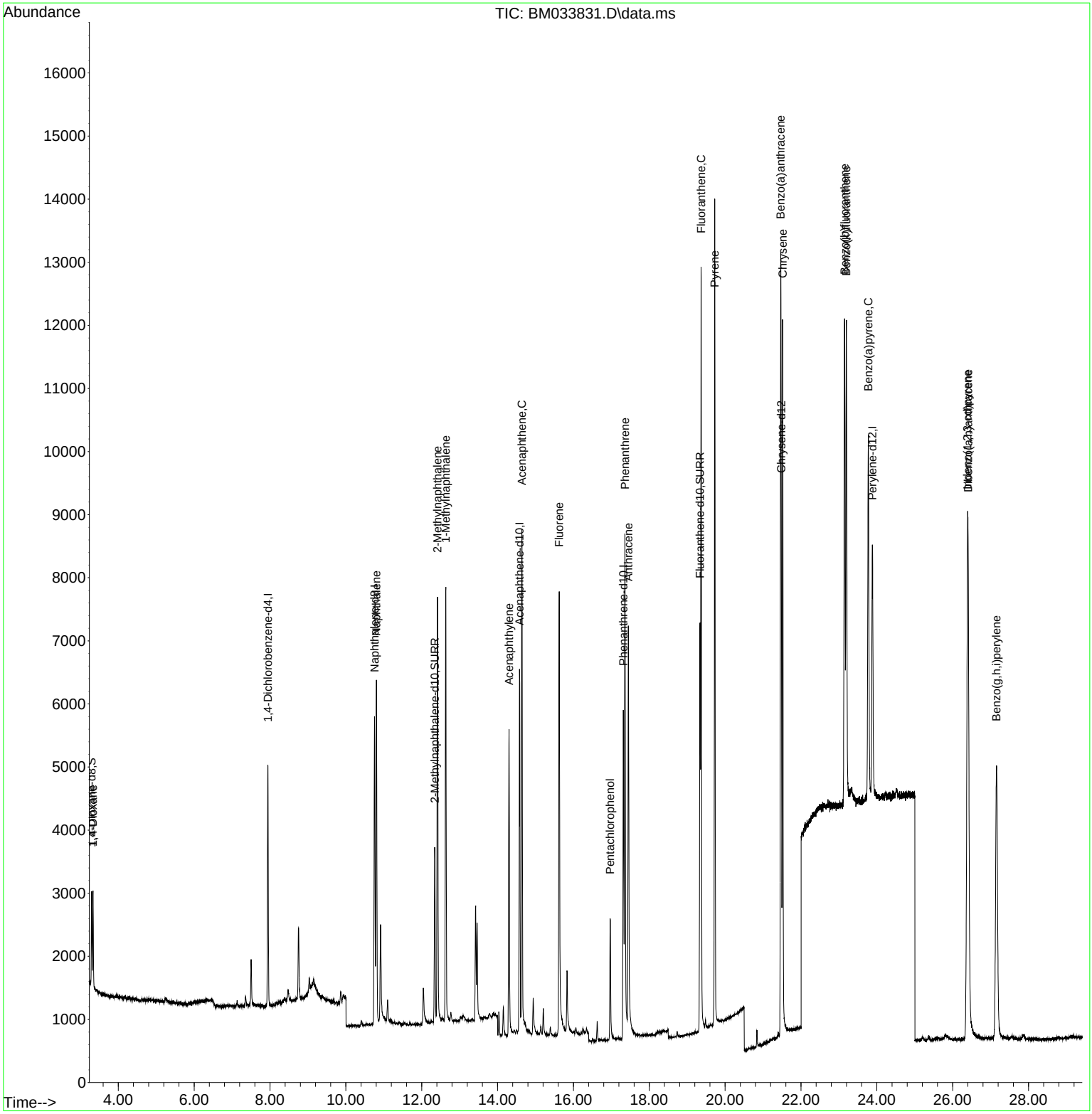
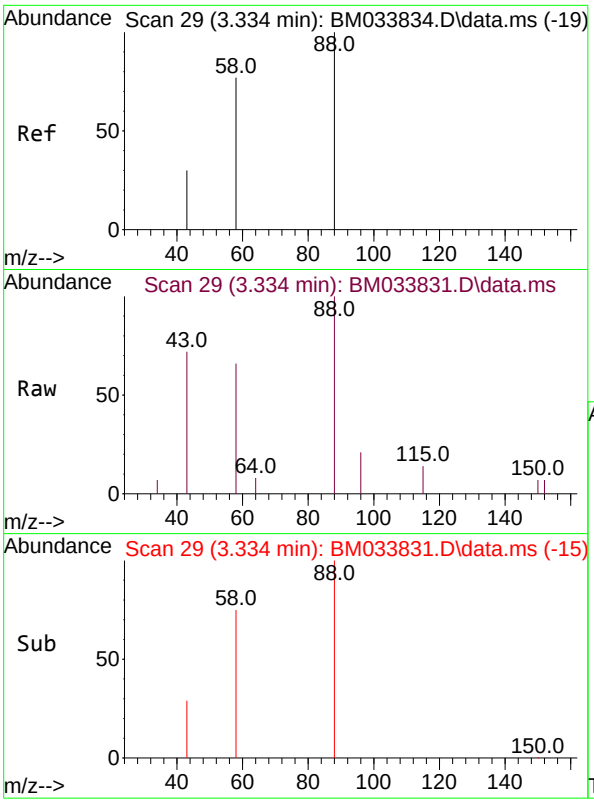


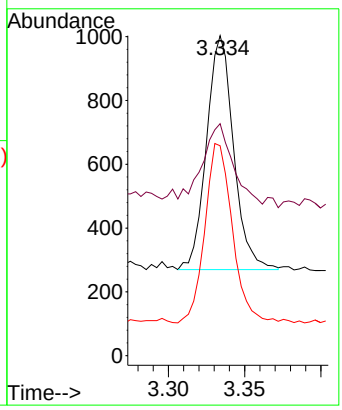


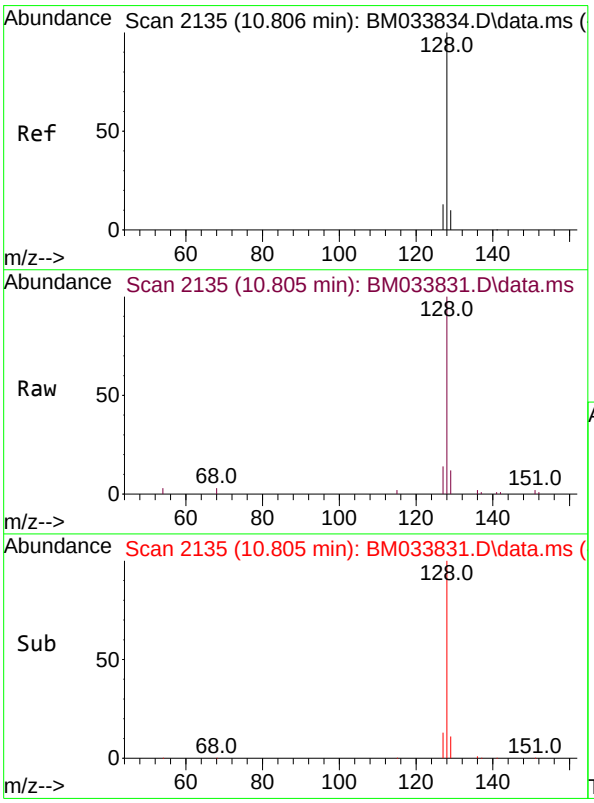
#2
1,4-Dioxane
Concen: 0.412 ng/ul
RT: 3.334 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 905

Ion	Ratio	Lower	Upper
88	100		
43	72.5	49.7	74.5
58	65.6	52.5	78.7

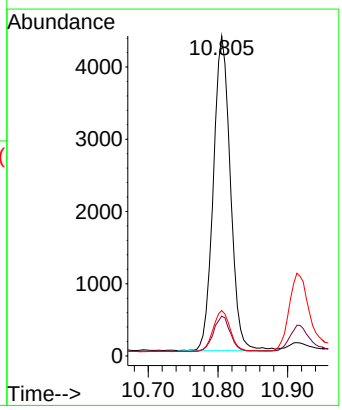


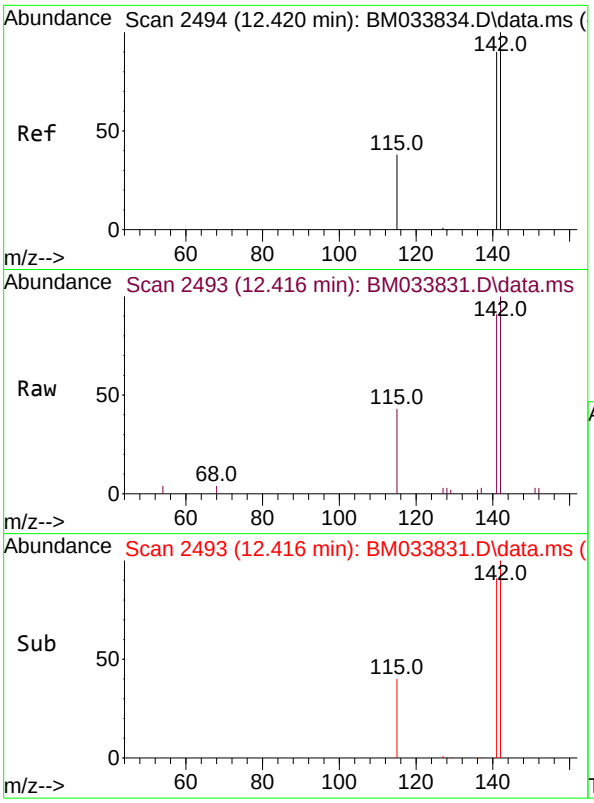


#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:128 Resp: 7396

Ion	Ratio	Lower	Upper
128	100		
129	12.4	13.4	20.2#
127	14.2	15.2	22.8#



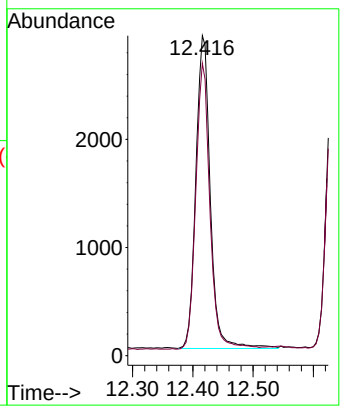


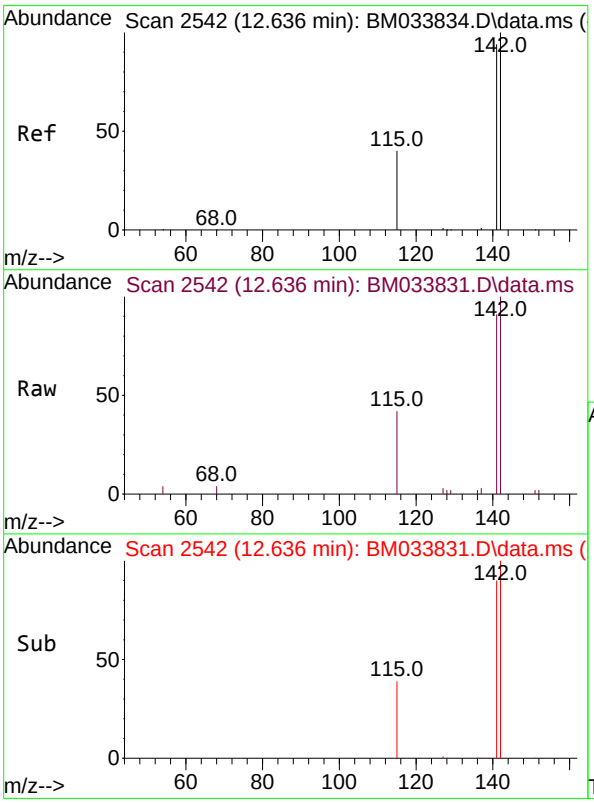
#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.416 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 4834

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.8	107.6

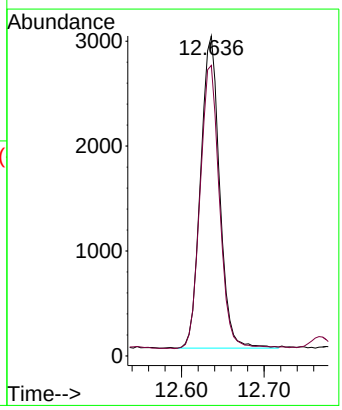


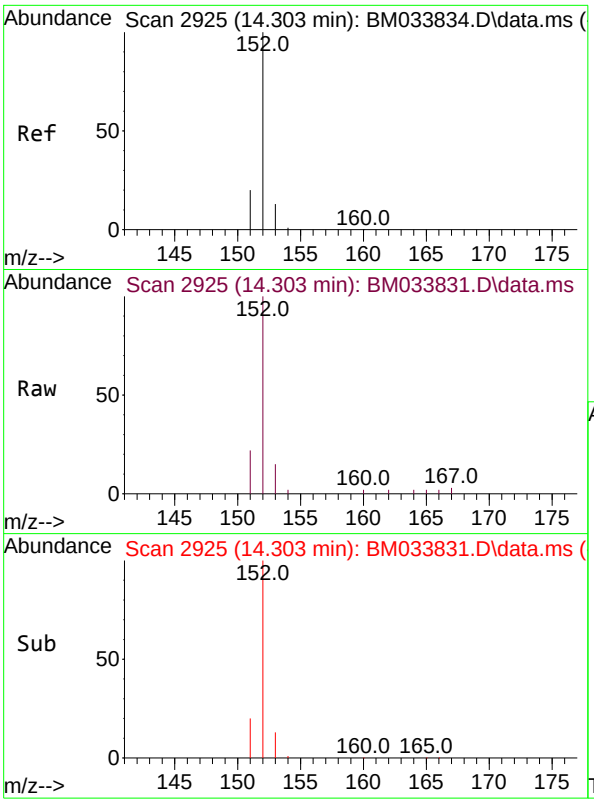


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:142 Resp: 4753

Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.0	112.4



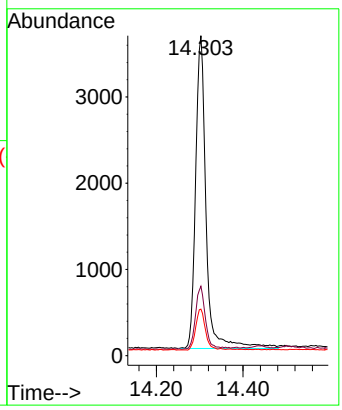


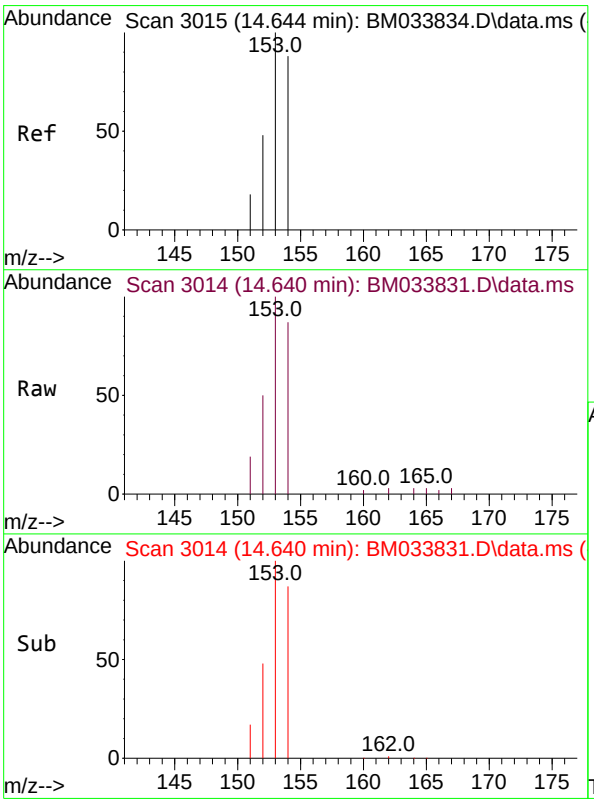
#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.303 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 6097

Ion	Ratio	Lower	Upper
152	100		
151	21.7	19.9	29.9
153	14.6	15.0	22.4#

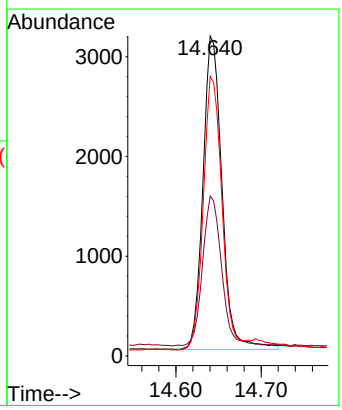


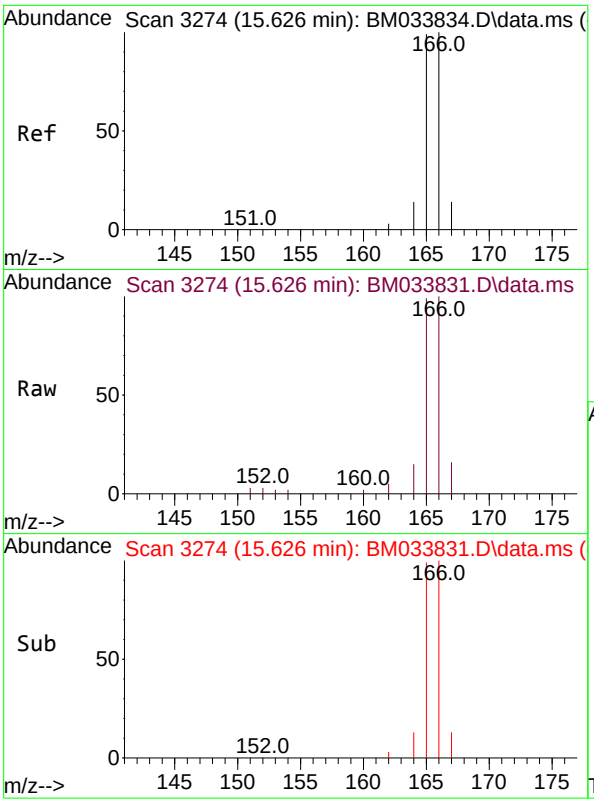


#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.640 min Scan# 3014
Delta R.T. -0.004 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:153 Resp: 4871

Ion	Ratio	Lower	Upper
153	100		
152	50.0	42.4	63.6
154	87.4	66.2	99.2



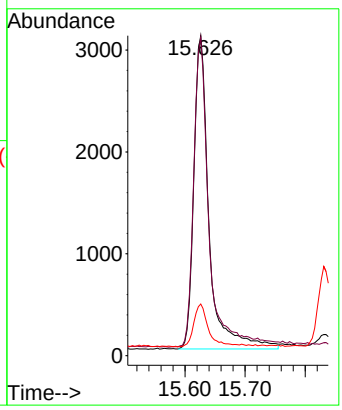


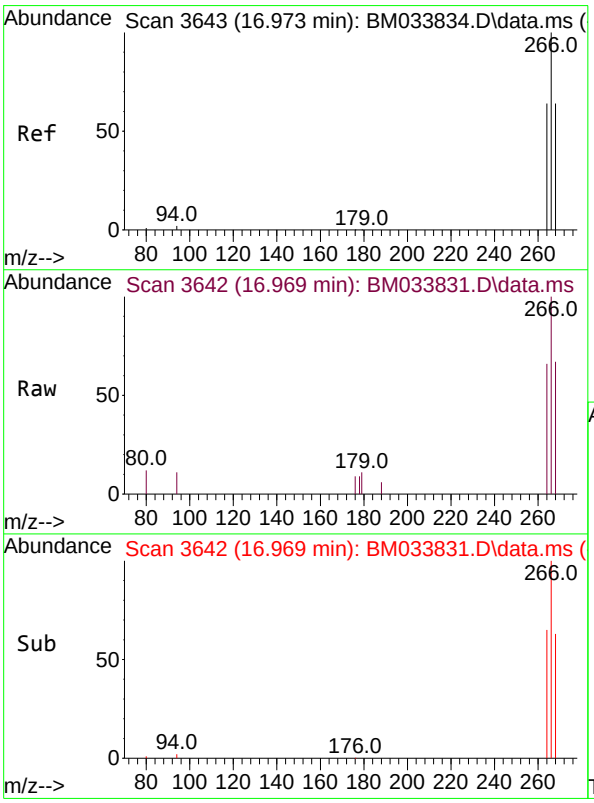
#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.626 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 5445

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.1	121.7
167	16.2	14.9	22.3

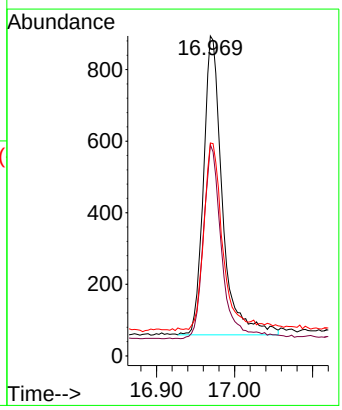


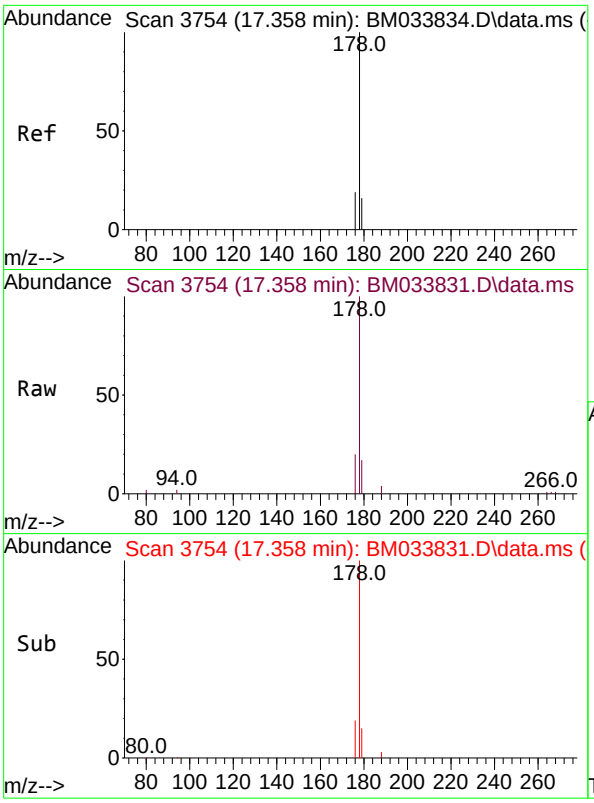


#14
Pentachlorophenol
Concen: 0.523 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:266 Resp: 1405

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.4	77.0
268	62.8	53.1	79.7



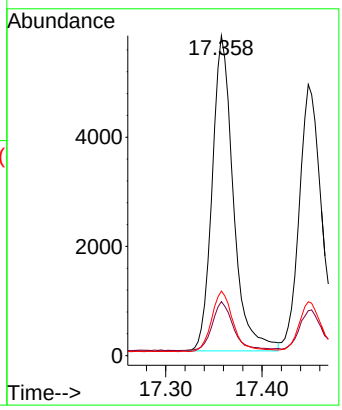


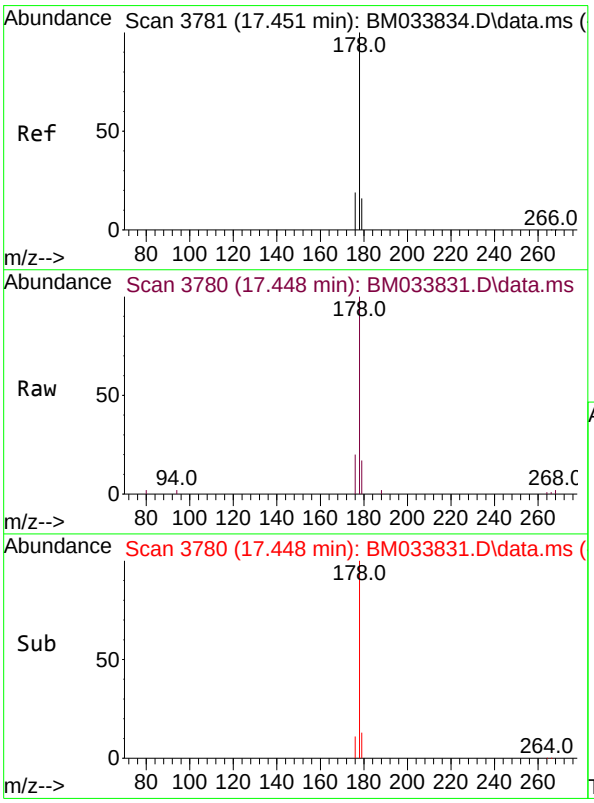
#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 8820

Ion	Ratio	Lower	Upper
178	100		
179	16.9	15.0	22.6
176	20.2	17.9	26.9

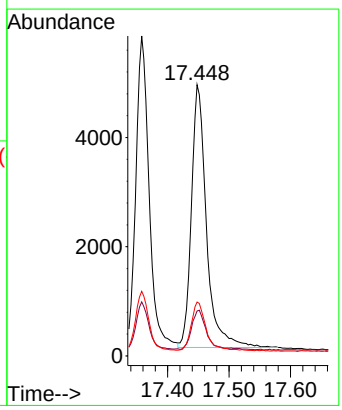


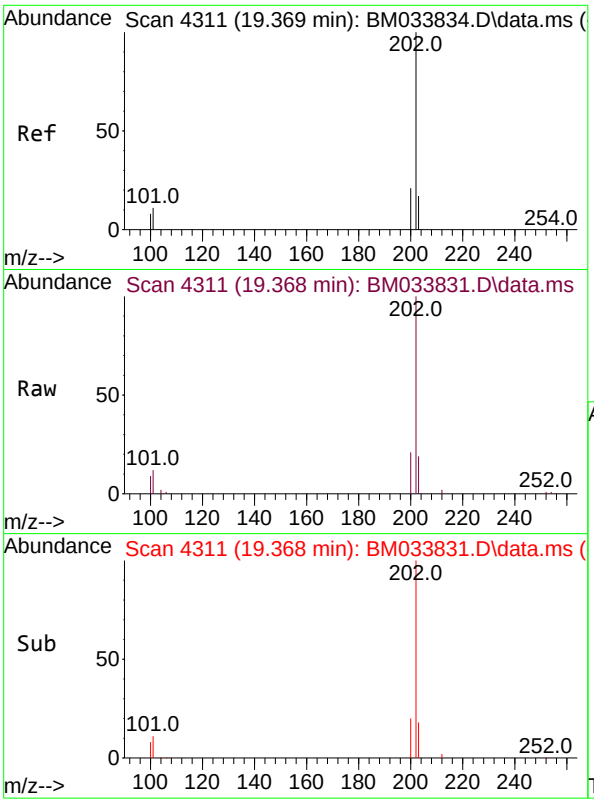


#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.448 min Scan# 3780
Delta R.T. -0.003 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:178 Resp: 8192

Ion	Ratio	Lower	Upper
178	100		
179	16.6	16.5	24.7
176	19.9	18.3	27.5



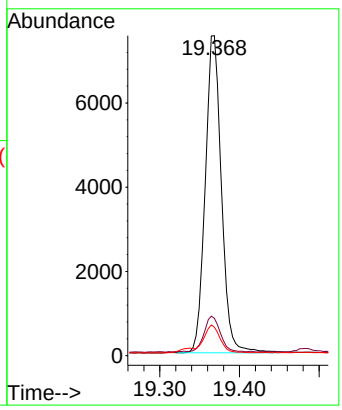


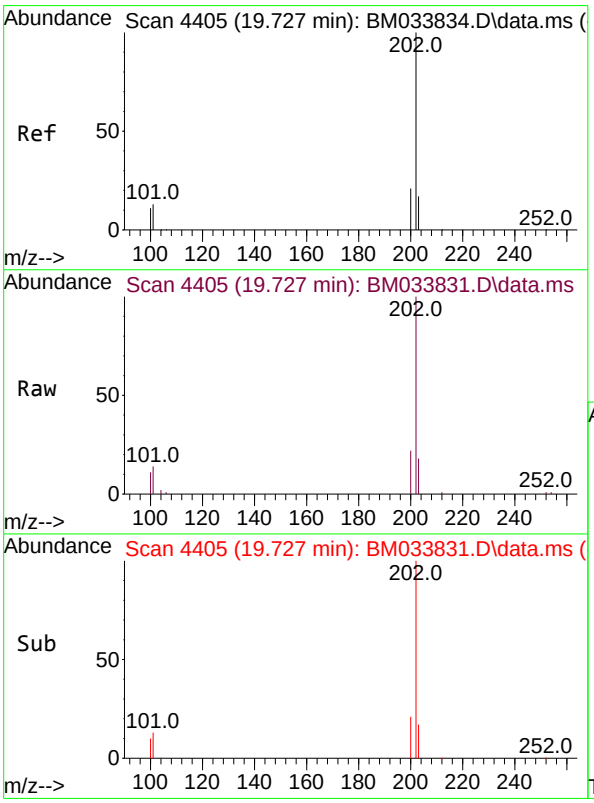
#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.368 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 10622

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	8.9	7.2	10.8

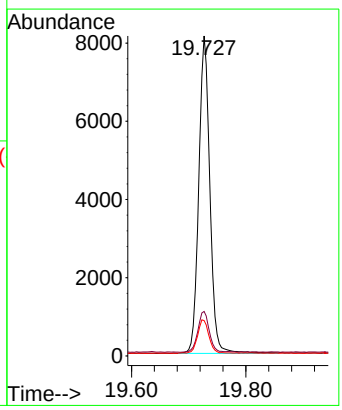


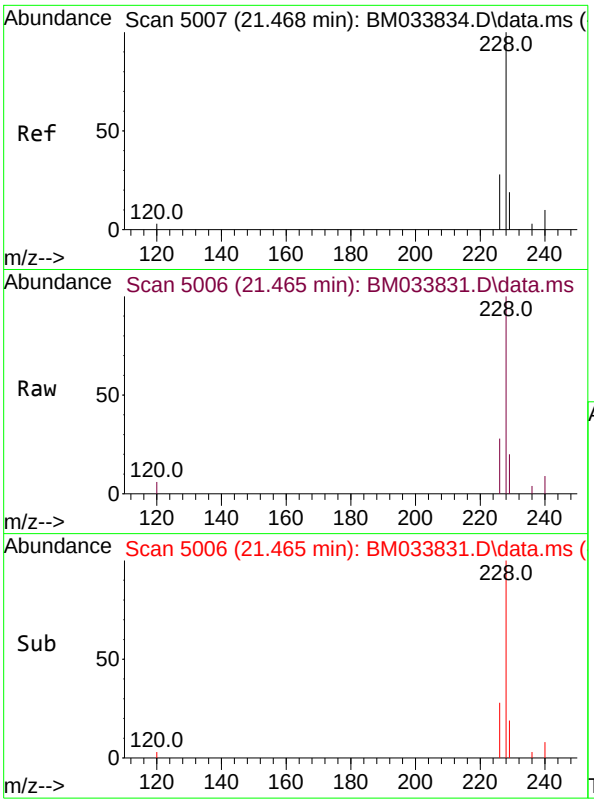


#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.727 min Scan# 4405
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:202 Resp: 10919

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.3	13.9
100	11.1	7.8	11.6



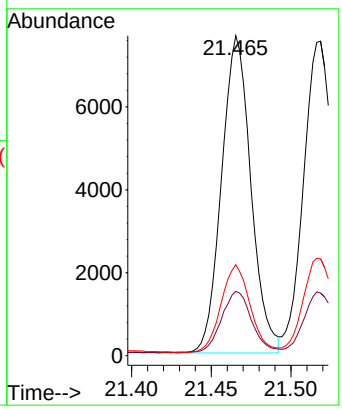


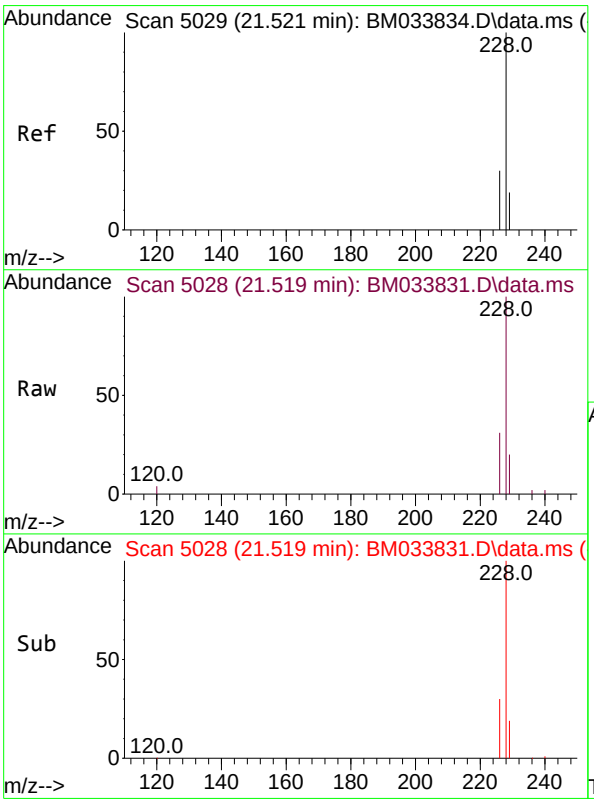
#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.465 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 9796

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.3	25.9
226	28.4	23.2	34.8

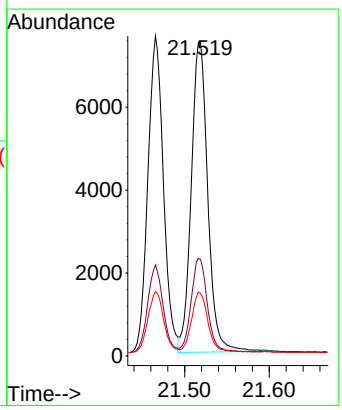


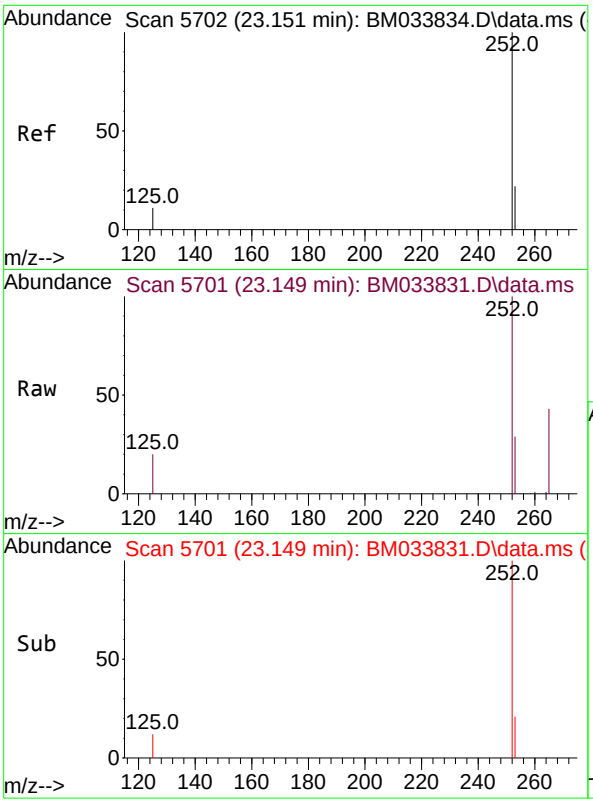


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.519 min Scan# 5028
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:228 Resp: 10176

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.8	38.8
229	19.9	16.7	25.1



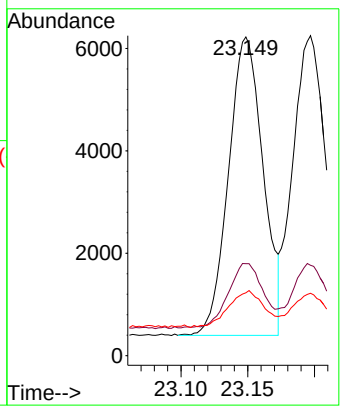


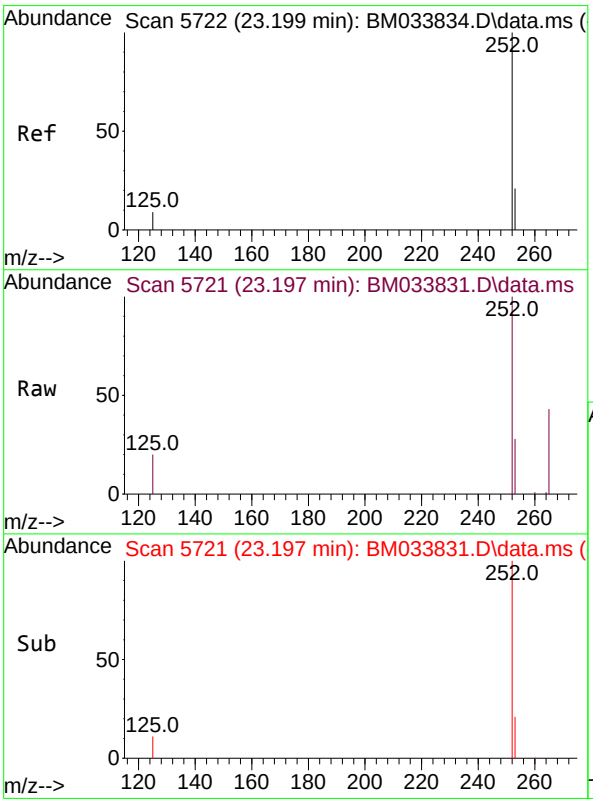
#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 23.149 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 10534

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	64.2
125	19.7	0.0	28.8

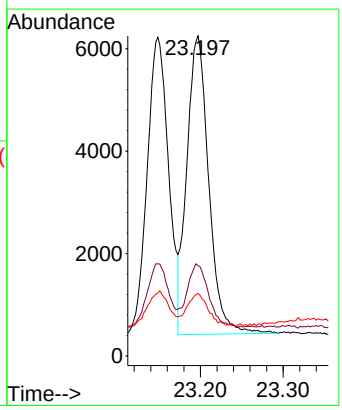


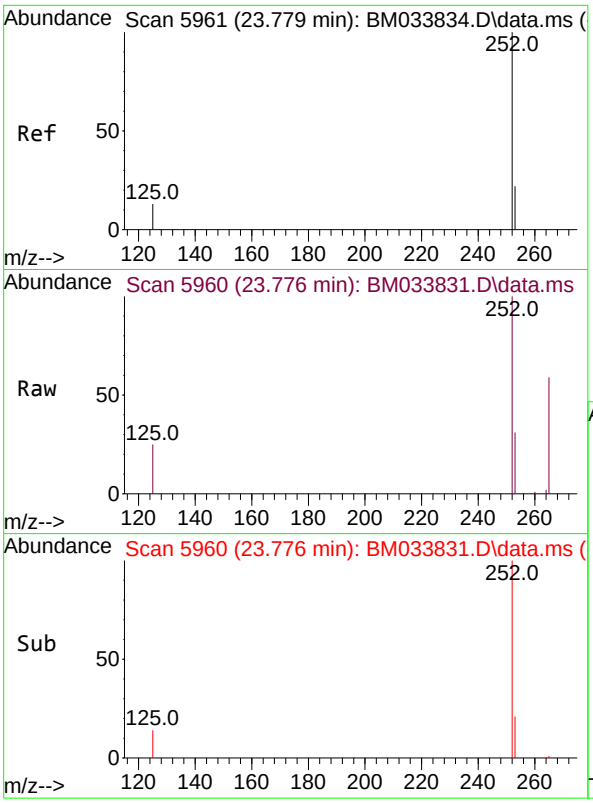


#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 23.197 min Scan# 5721
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:252 Resp: 10733

Ion	Ratio	Lower	Upper
252	100		
253	28.3	26.8	40.2
125	19.5	12.0	18.0#



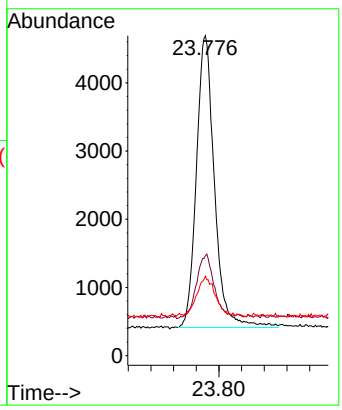


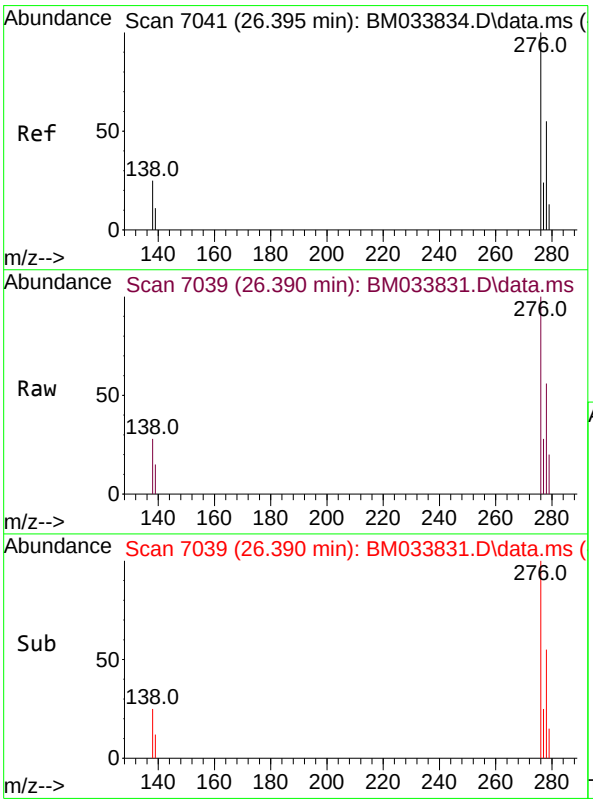
#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.776 min Scan# 5
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 9449

Ion	Ratio	Lower	Upper
252	100		
253	31.2	32.0	48.0#
125	24.9	14.5	21.7#

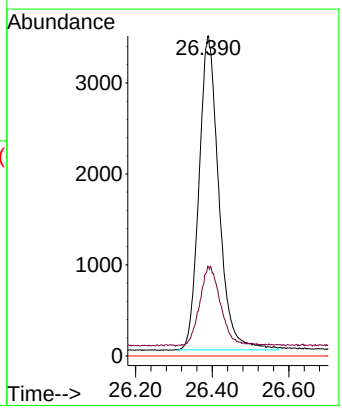


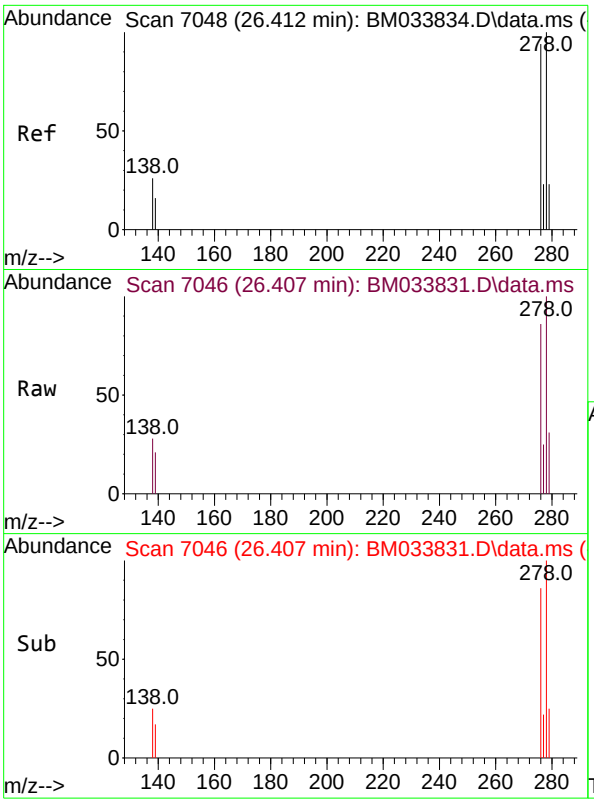


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 26.390 min Scan# 7039
Delta R.T. -0.005 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:276 Resp: 12387

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.8	23.6#
227	0.0	0.0	0.0



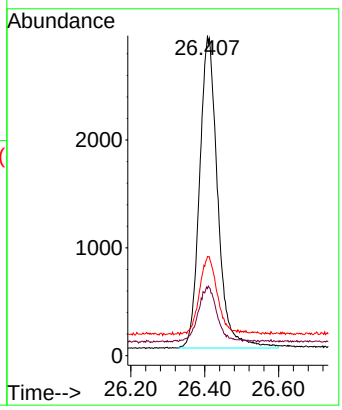


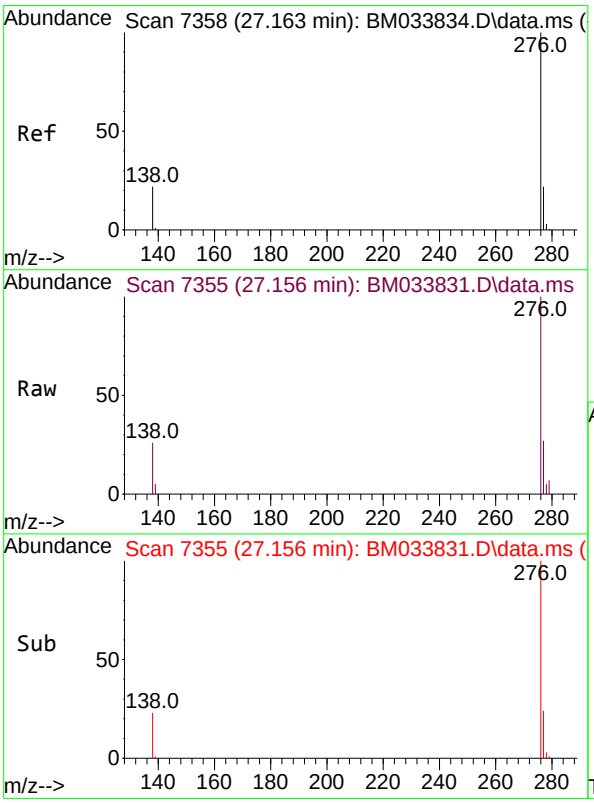
#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.407 min Scan# 7
Delta R.T. -0.005 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 9812

Ion	Ratio	Lower	Upper
278	100		
139	21.0	18.0	27.0
279	31.0	28.6	42.8





#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.156 min Scan# 7355
Delta R.T. -0.007 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Tgt Ion:276 Resp: 10481

Ion	Ratio	Lower	Upper
276	100		
138	26.1	17.4	26.0#
277	26.7	22.6	33.8