

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 :
 SSTD0.4199

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)

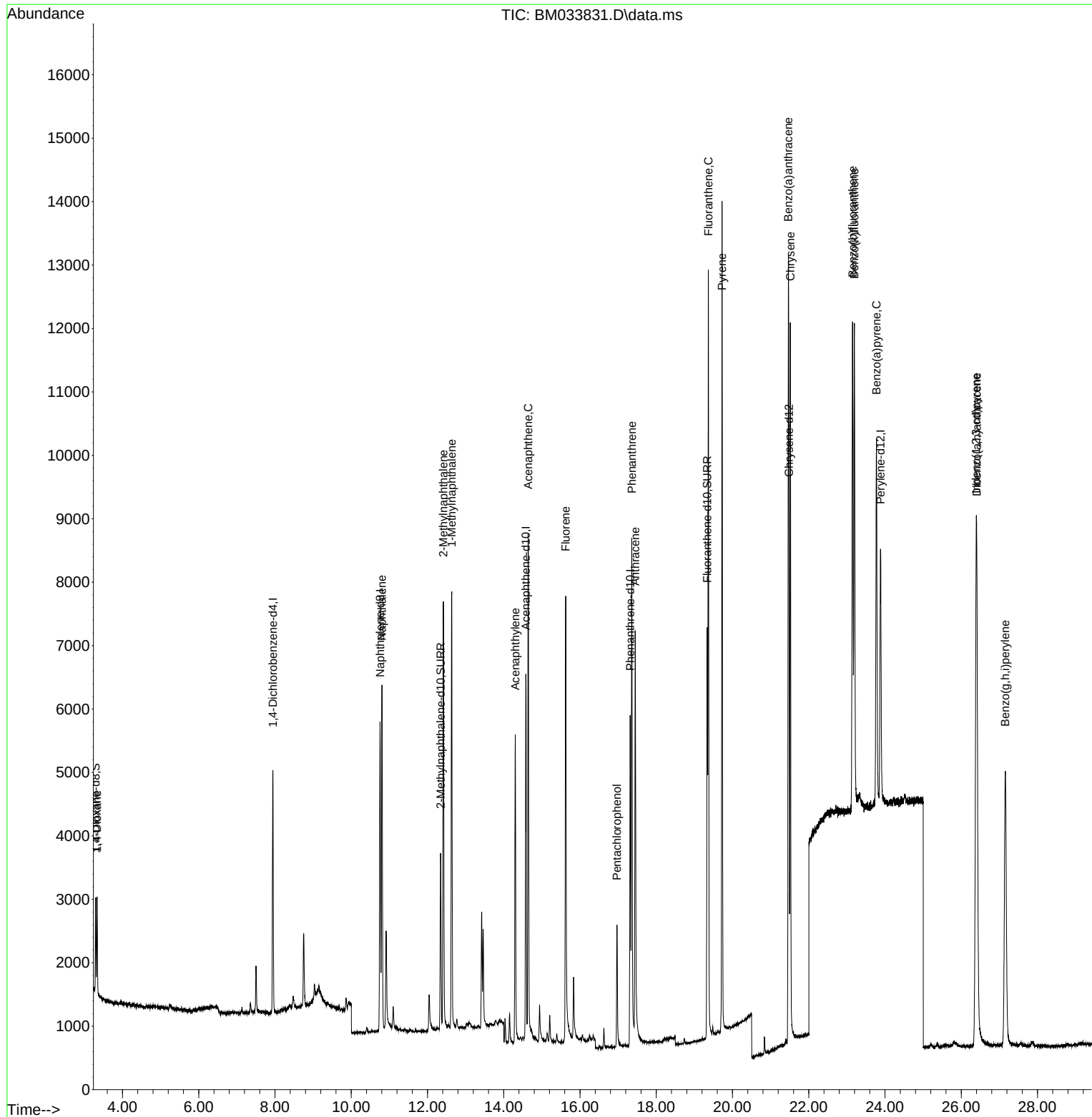
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	1891	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	6606	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	3263	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	6803	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	5777	0.400	ng/ul #	0.00
23) Perylene-d12	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

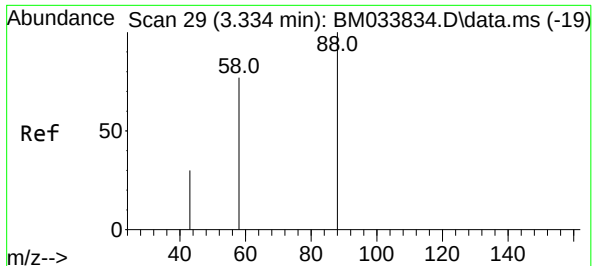
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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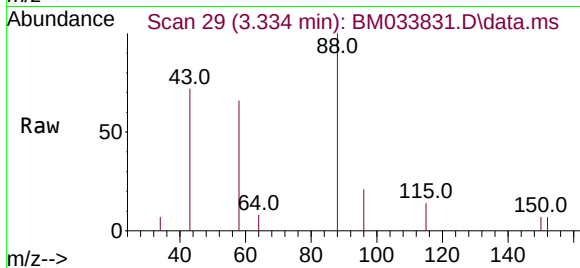
Quant Time: Jan 24 14:04:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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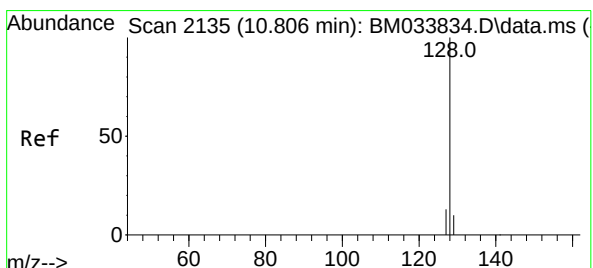
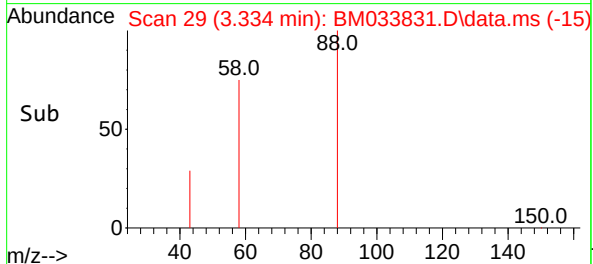
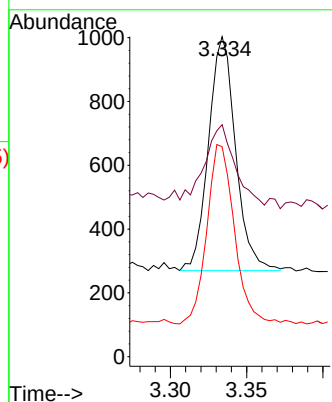
#2
1,4-Dioxane
Concen: 0.412 ng/ul
RT: 3.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4199



Tgt Ion: 88 Resp: 905

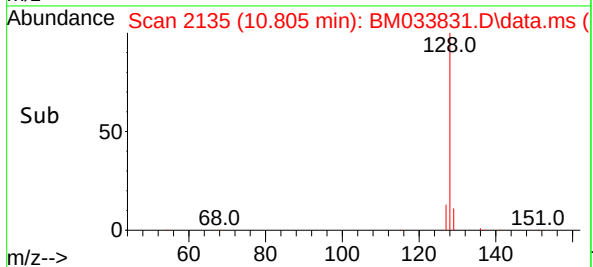
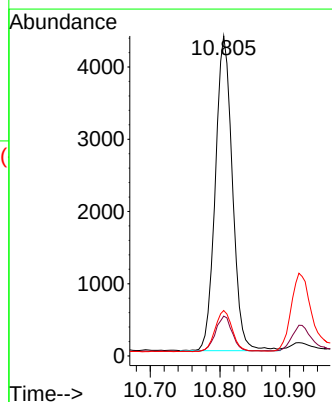
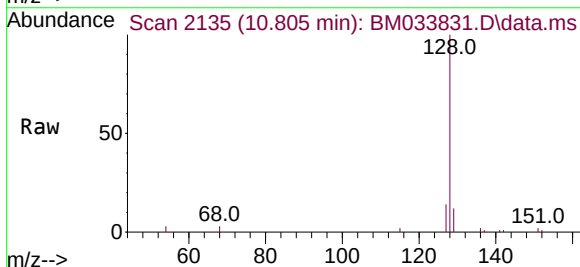
Ion	Ratio	Lower	Upper
88	100		
43	72.5	49.7	74.5
58	65.6	52.5	78.7

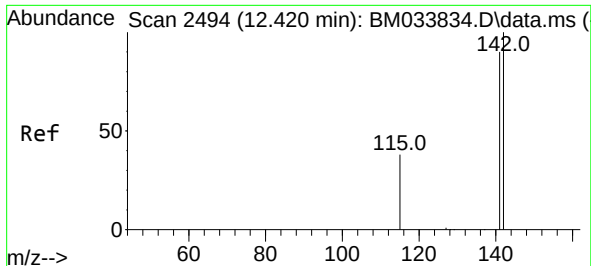


#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

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#

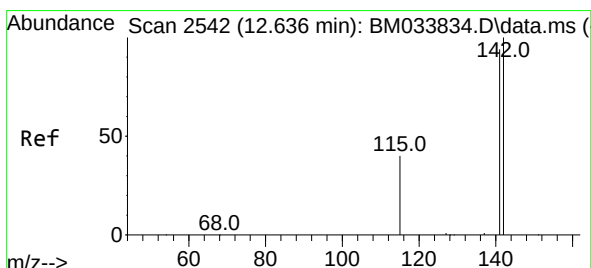
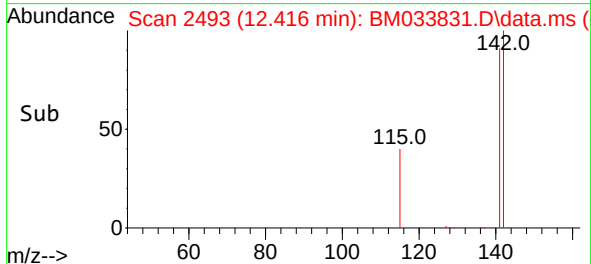
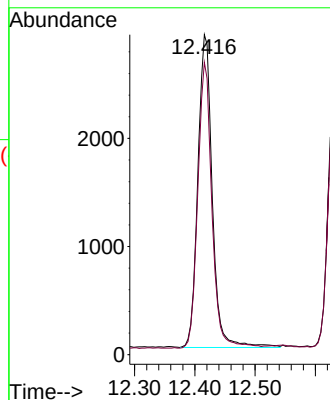
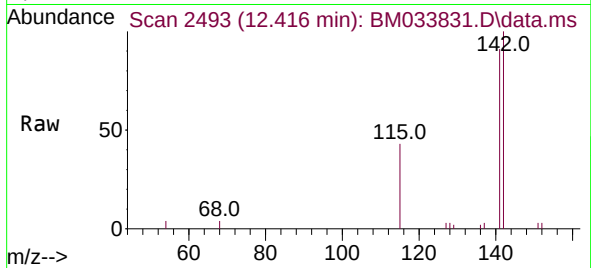




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.416 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

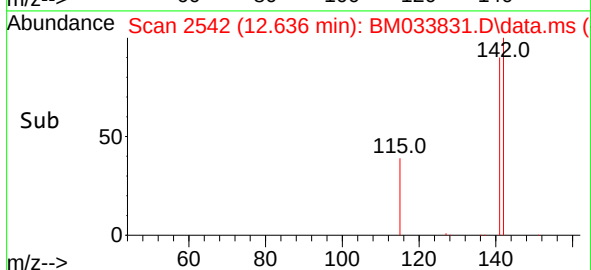
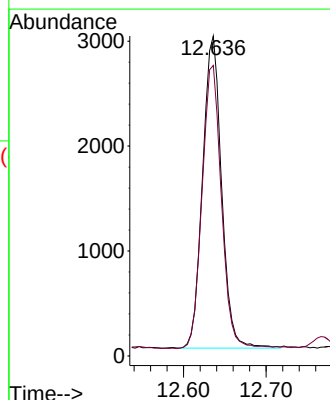
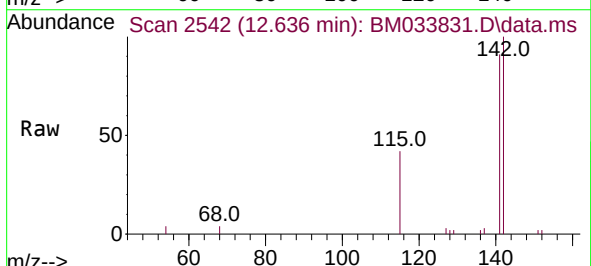
Instrument :
BNA_M
ClientSampleId :
SSTD0.4199

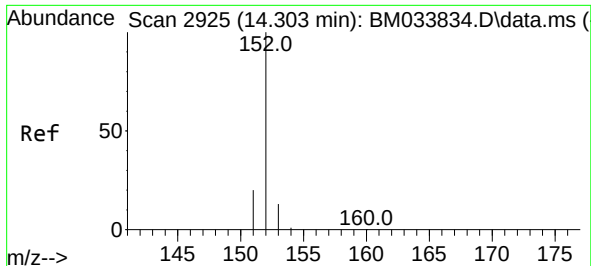
Tgt Ion:142 Resp: 4834
Ion Ratio Lower Upper
142 100
141 90.2 71.8 107.6



#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

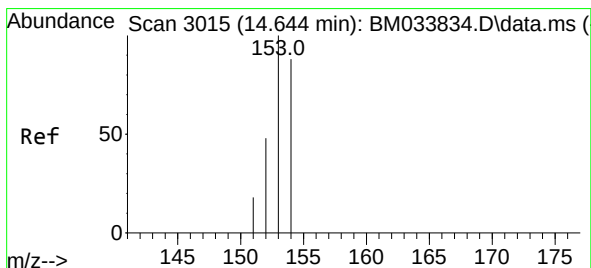
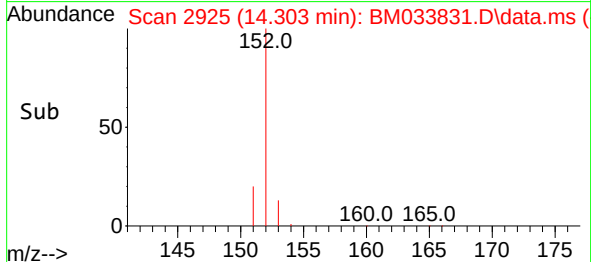
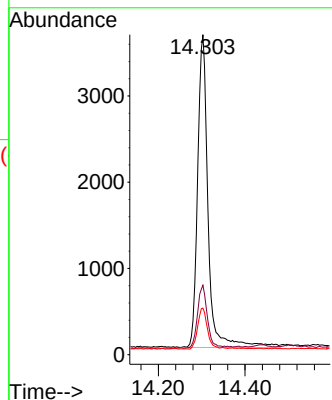
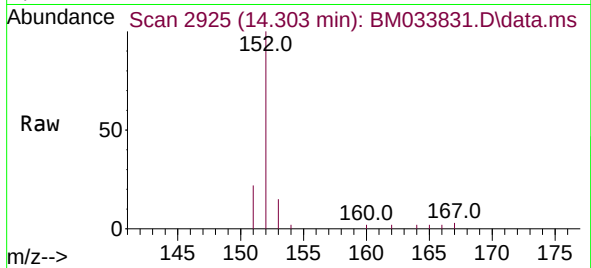




#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

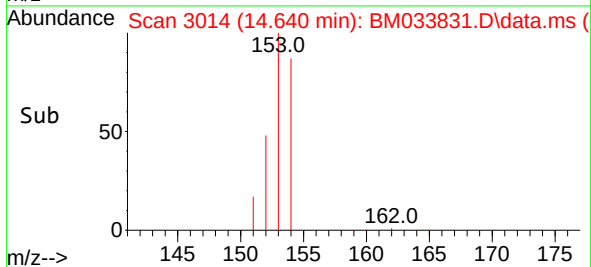
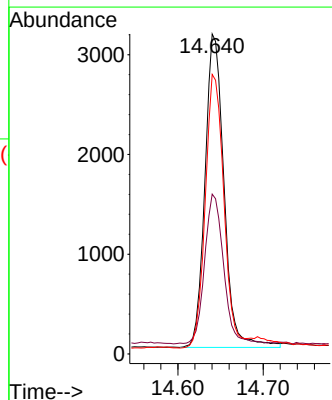
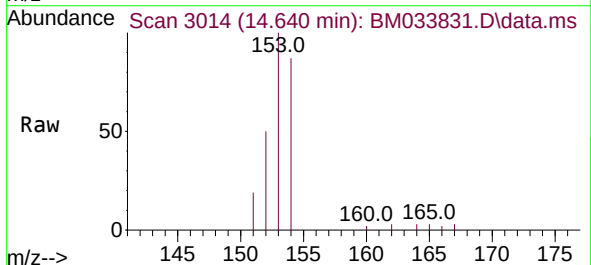
Instrument :
BNA_M
ClientSampleId :
SSTD0.4199

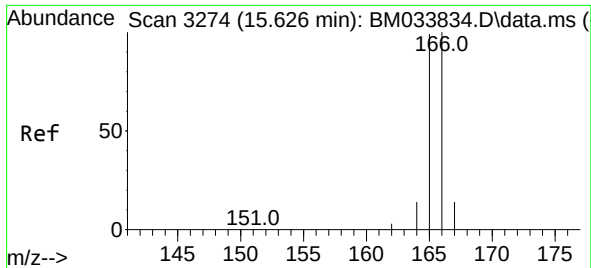
Tgt Ion:152 Resp: 6097
Ion Ratio Lower Upper
152 100
151 21.7 19.9 29.9
153 14.6 15.0 22.4#



#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

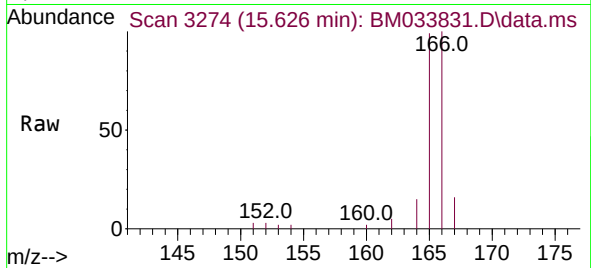
Tgt Ion:153 Resp: 4871
Ion Ratio Lower Upper
153 100
152 50.0 42.4 63.6
154 87.4 66.2 99.2



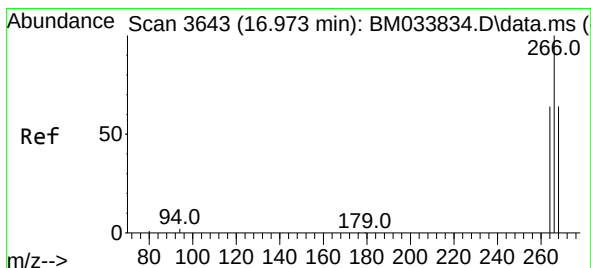
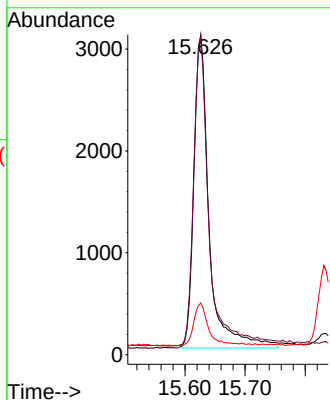


#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4199

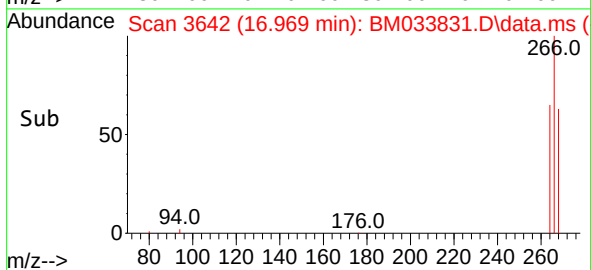
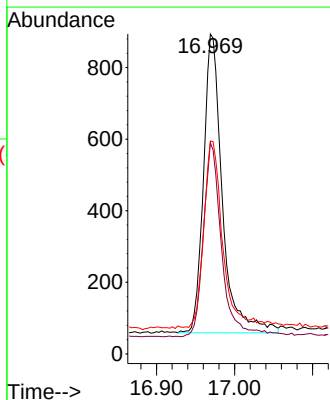
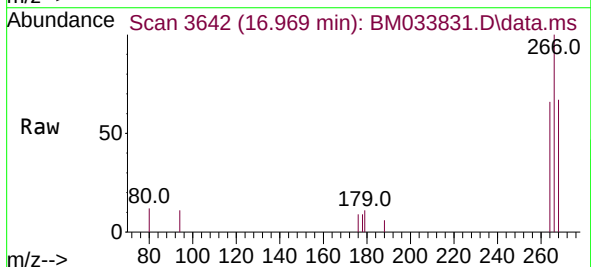


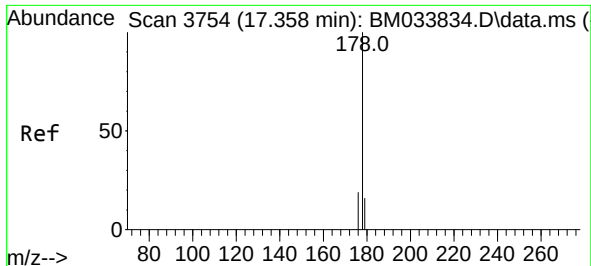
Tgt Ion:	166	Resp:	5445
Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.1	121.7
167	16.2	14.9	22.3



#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

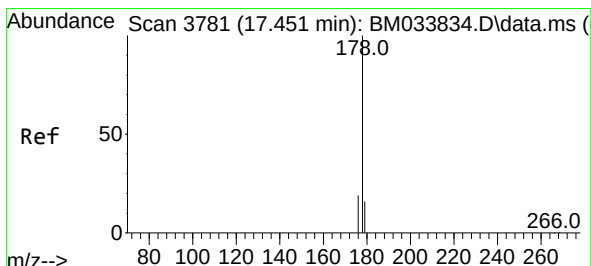
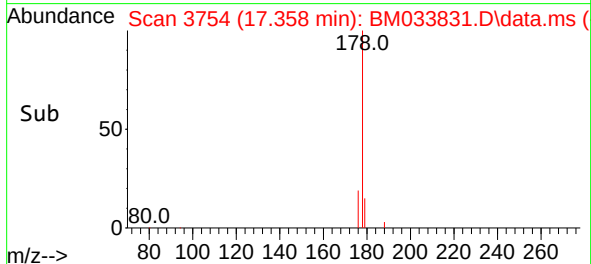
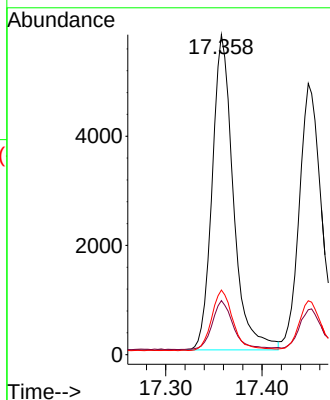
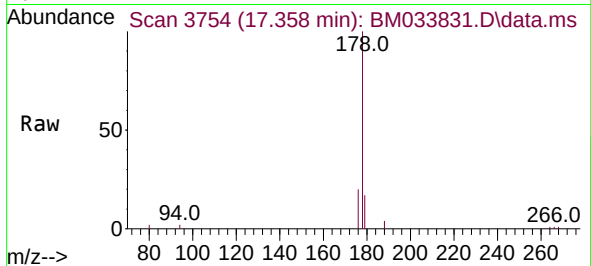




#15
Phenanthrene
Concen: 0.400 ng/u1
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

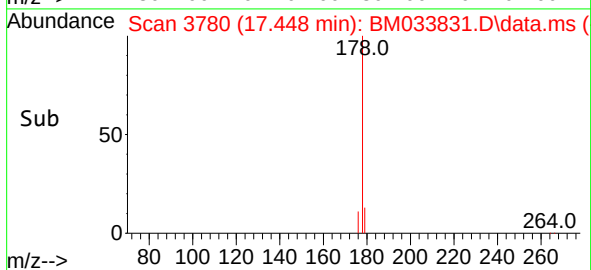
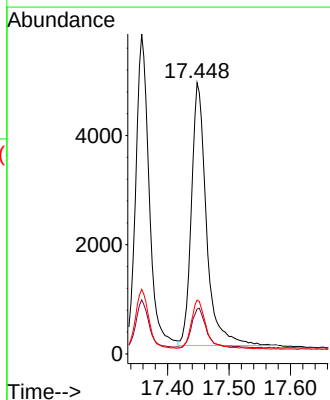
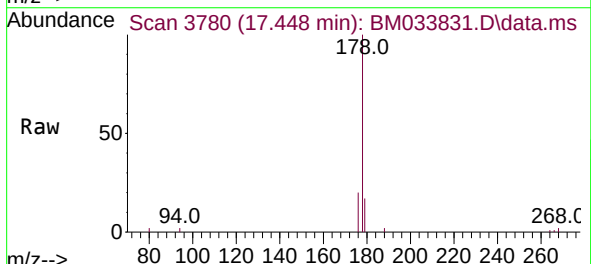
Instrument :
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ClientSampleId :
SSTD0.4199

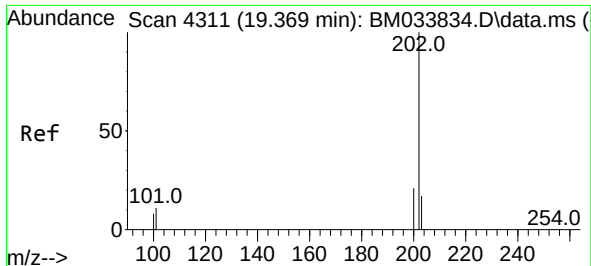
Tgt Ion:178 Resp: 8820
Ion Ratio Lower Upper
178 100
179 16.9 15.0 22.6
176 20.2 17.9 26.9



#16
Anthracene
Concen: 0.405 ng/u1
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

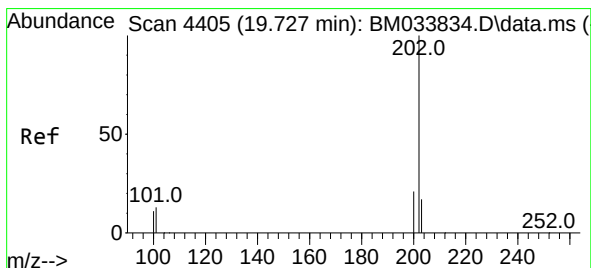
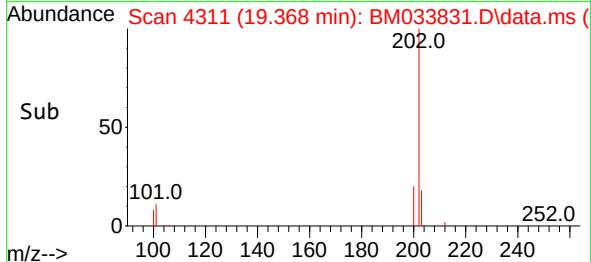
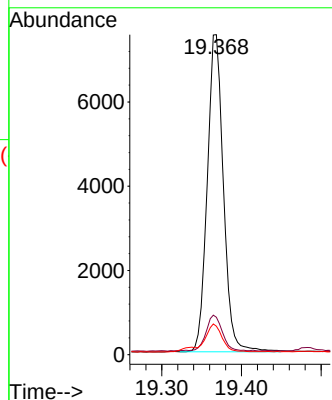
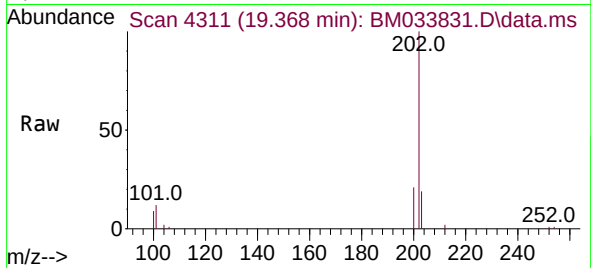




#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 19.368 min Scan# 411
Delta R.T. -0.000 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

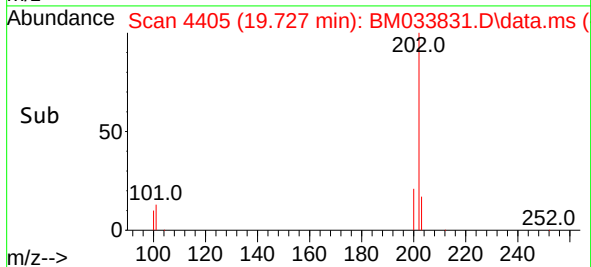
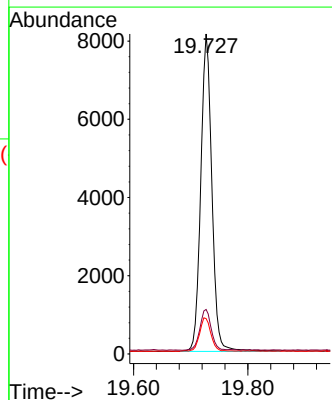
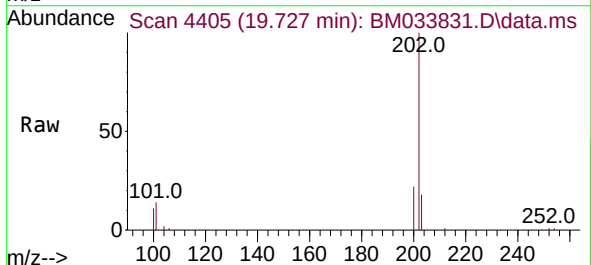
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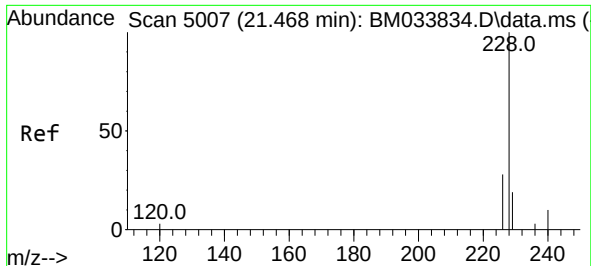
Tgt Ion:202 Resp: 10622
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 8.9 7.2 10.8



#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

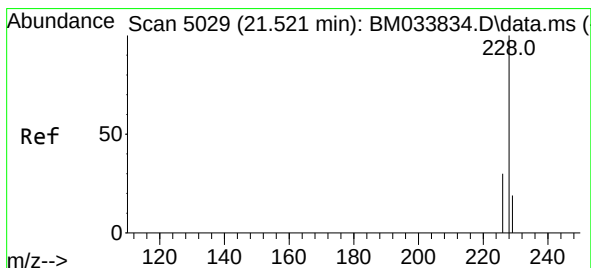
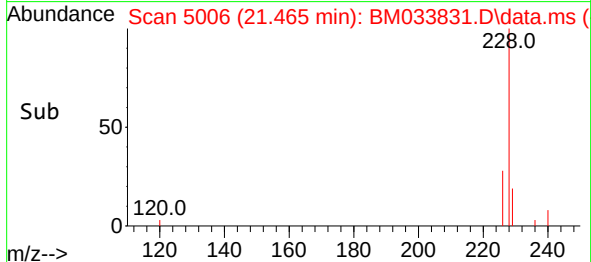
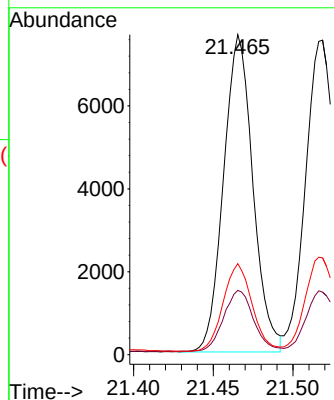
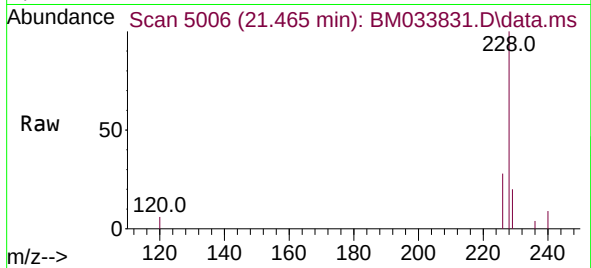




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

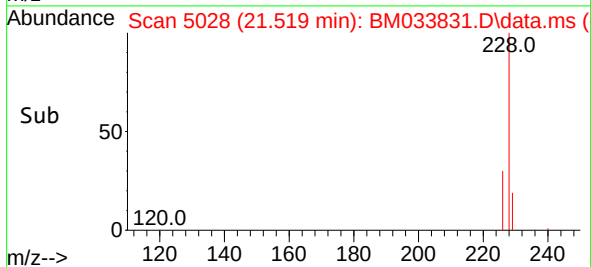
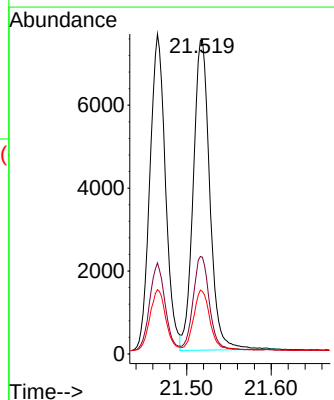
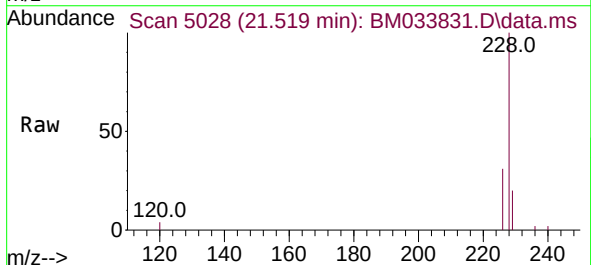
Instrument :
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ClientSampleId :
SSTD0.4199

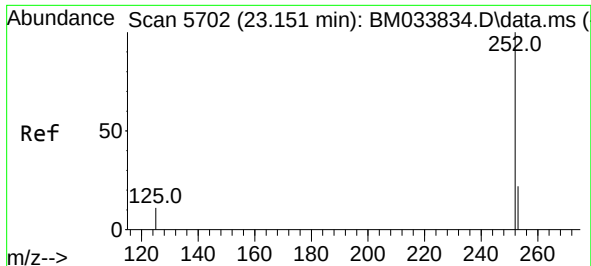
Tgt Ion:228 Resp: 9796
Ion Ratio Lower Upper
228 100
229 20.1 17.3 25.9
226 28.4 23.2 34.8



#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

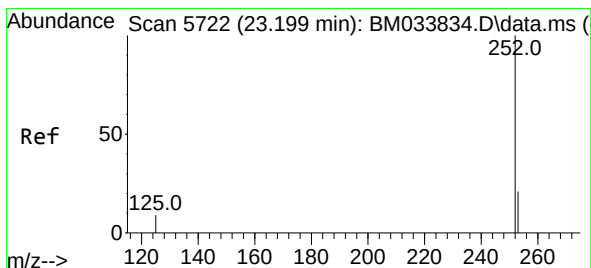
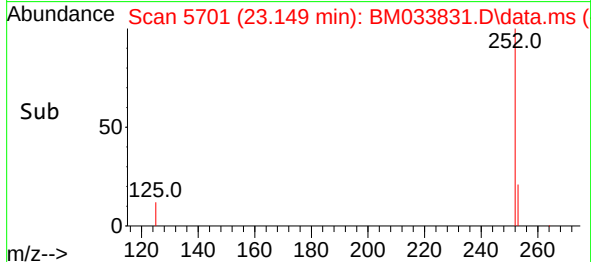
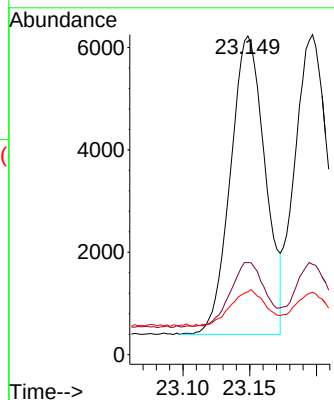
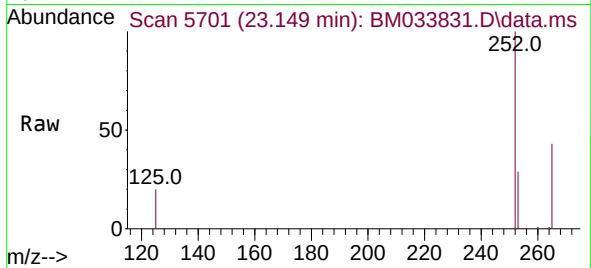




#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 23.149 min Scan# 5701
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

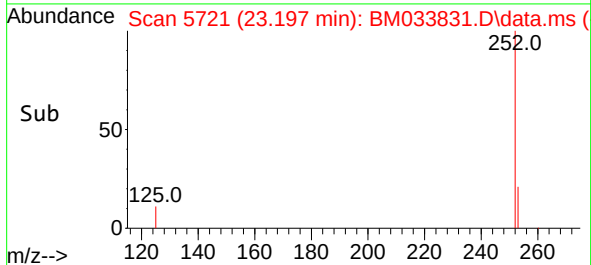
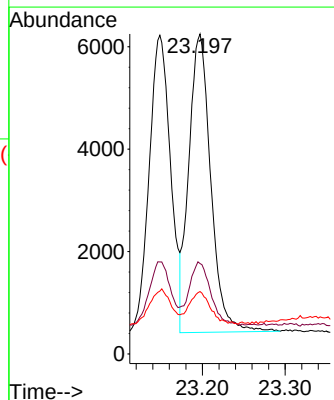
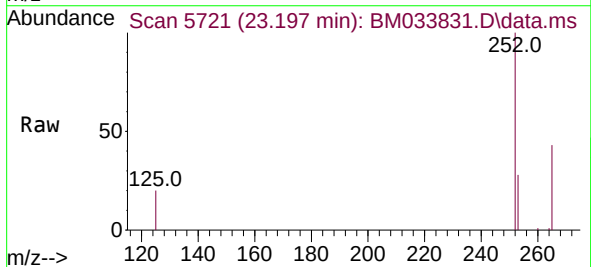
Instrument :
BNA_M
ClientSampleId :
SSTD0.4199

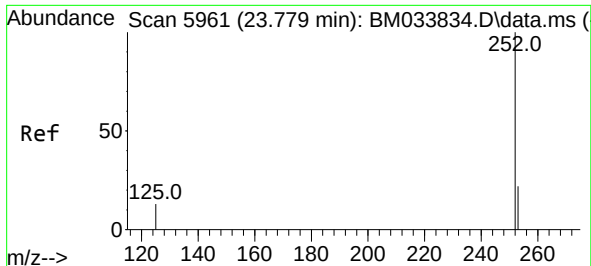
Tgt Ion:252 Resp: 10534
Ion Ratio Lower Upper
252 100
253 28.9 0.0 64.2
125 19.7 0.0 28.8



#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#

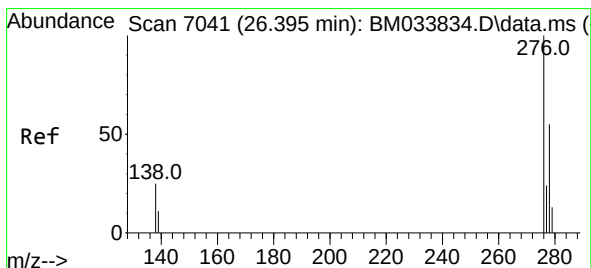
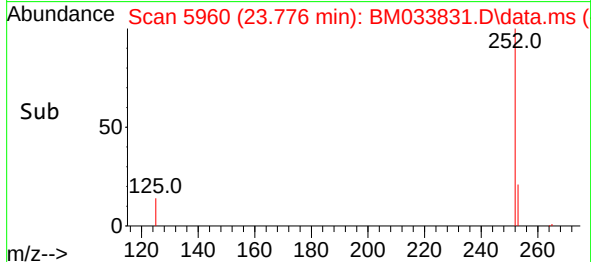
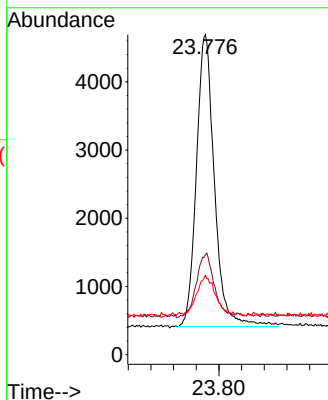
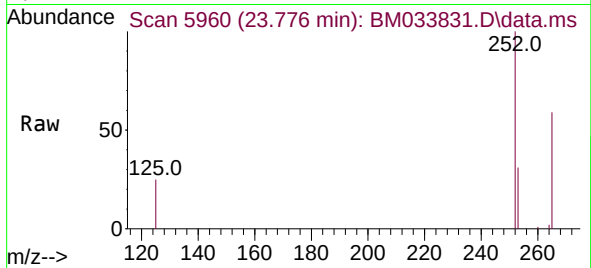




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.776 min Scan# 5961
Delta R.T. -0.002 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

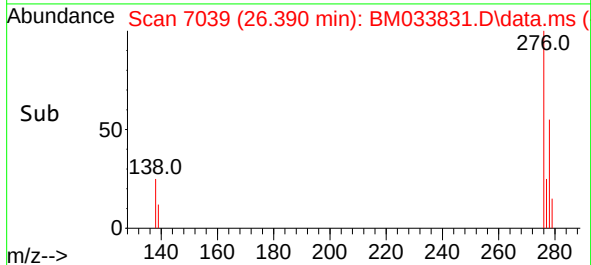
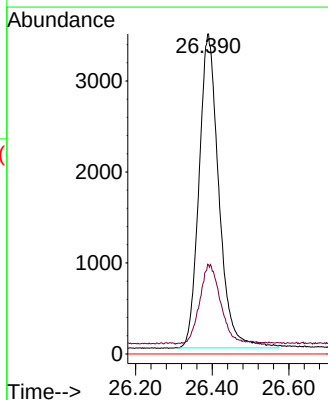
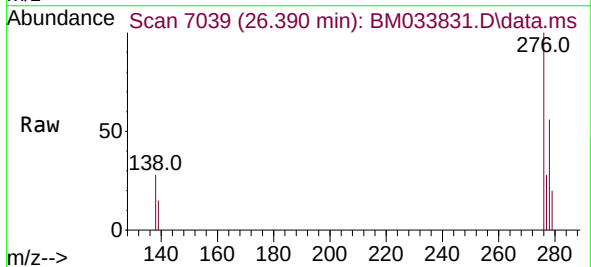
Instrument :
BNA_M
ClientSampleId :
SSTD0.4199

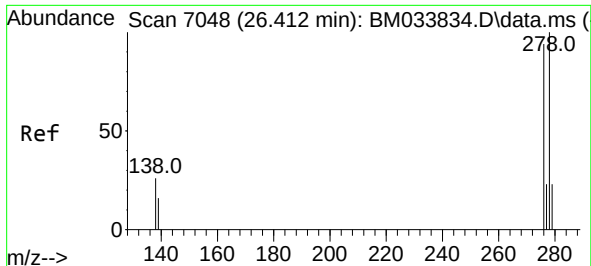
Tgt Ion:252 Resp: 9449
Ion Ratio Lower Upper
252 100
253 31.2 32.0 48.0#
125 24.9 14.5 21.7#



#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

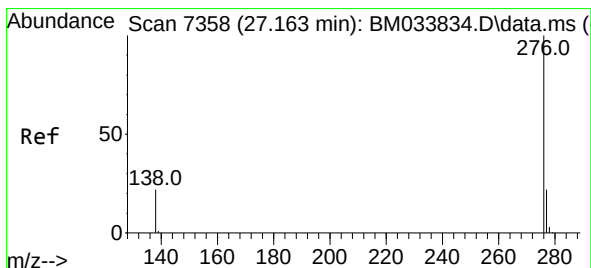
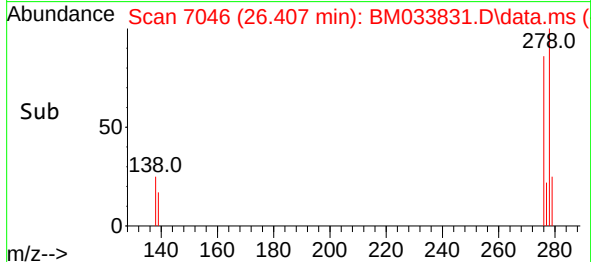
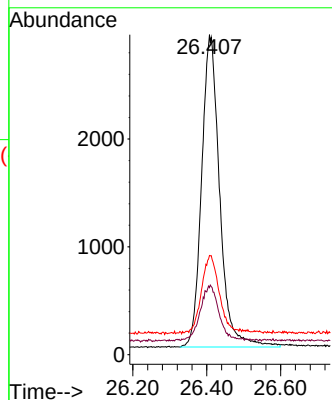
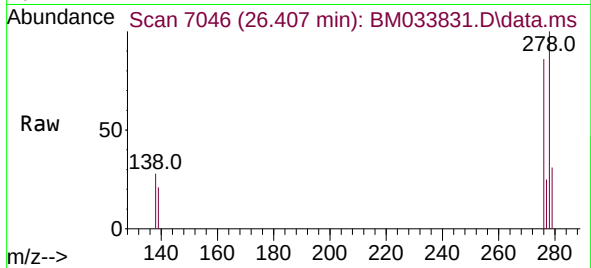




#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.407 min Scan# 7046
Delta R.T. -0.005 min
Lab File: BM033831.D
Acq: 24 Jan 2022 10:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4199

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

