

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
 Data File : BM033189.D
 Acq On : 19 Nov 2021 23:05
 Operator : CG/JU
 Sample : M4677-07MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AB5MS

Quant Time: Nov 20 01:06:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

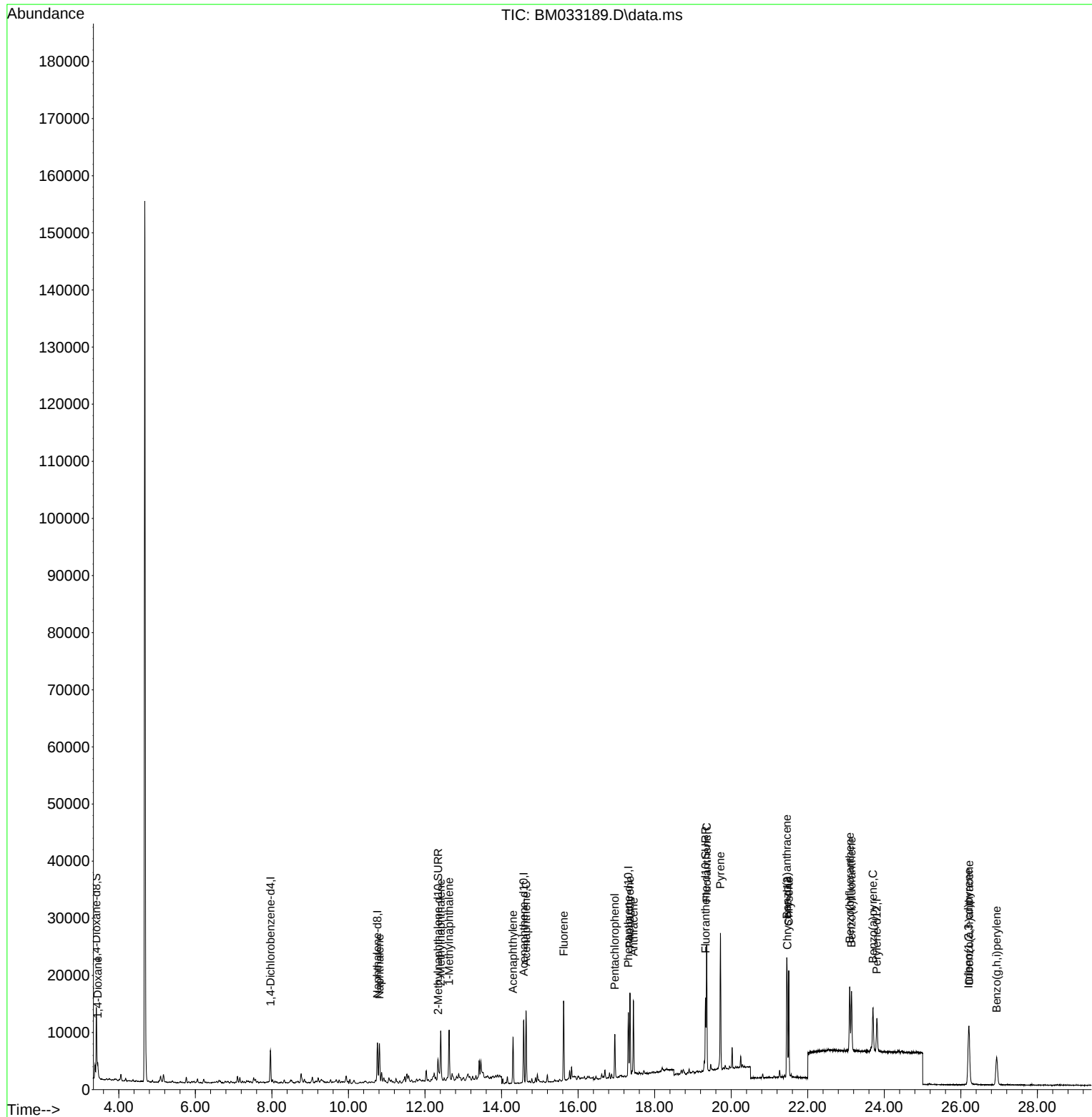
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2973	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	9179	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	5816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	13069	0.400	ng/ul #	0.00
17) Chrysene-d12	21.468	240	10745	0.400	ng/ul #	0.00
23) Perylene-d12	23.805	264	8244	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	8060	2.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	4339	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	13648	0.438	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.451	88	1463	0.465	ng/ul#	91
5) Naphthalene	10.810	128	8607	0.303	ng/ul#	96
7) 2-Methylnaphthalene	12.411	142	5856	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.631	142	6052	0.332	ng/ul	97
10) Acenaphthylene	14.299	152	9286	0.342	ng/ul#	98
11) Acenaphthene	14.641	153	7412	0.332	ng/ul	99
12) Fluorene	15.623	166	8975	0.357	ng/ul	99
14) Pentachlorophenol	16.959	266	4961	1.137	ng/ul	98
15) Phenanthrene	17.355	178	15970	0.337	ng/ul	96
16) Anthracene	17.448	178	14217	0.371	ng/ul	97
19) Fluoranthene	19.361	202	18821	0.364	ng/ul	98
20) Pyrene	19.720	202	19755	0.385	ng/ul	97
21) Benzo(a)anthracene	21.451	228	15696	0.409	ng/ul	98
22) Chrysene	21.504	228	16319	0.387	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	14808	0.397	ng/ul	97
25) Benzo(k)fluoranthene	23.142	252	14287	0.388	ng/ul	96
26) Benzo(a)pyrene	23.706	252	11599	0.375	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.199	276	13093	0.336	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.216	278	10481	0.336	ng/ul	98
29) Benzo(g,h,i)perylene	26.936	276	11183	0.319	ng/ul	98

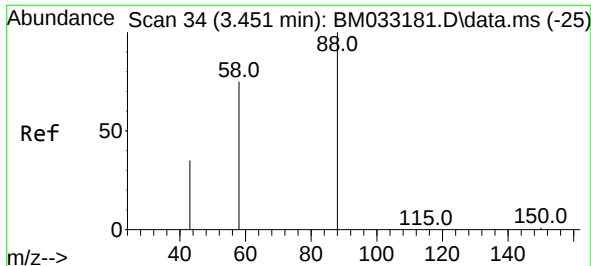
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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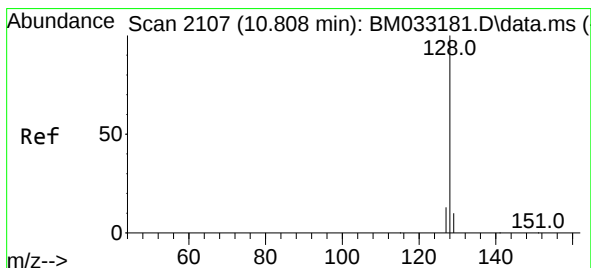
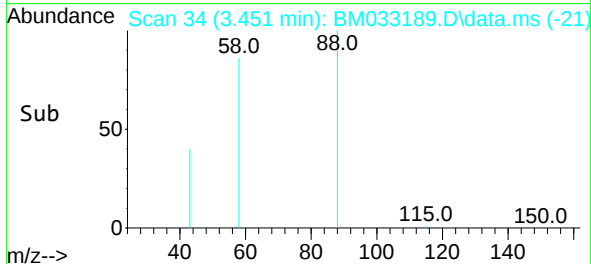
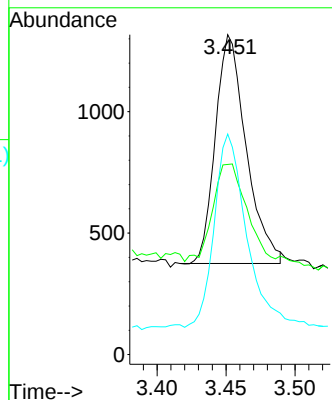
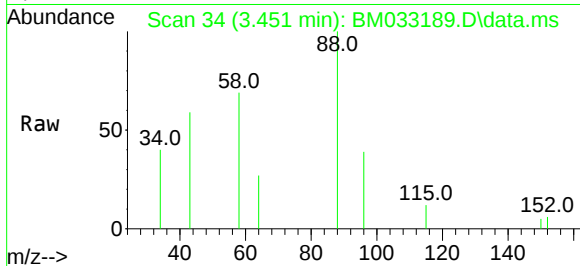




#2
1,4-Dioxane
Concen: 0.465 ng/ul
RT: 3.451 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

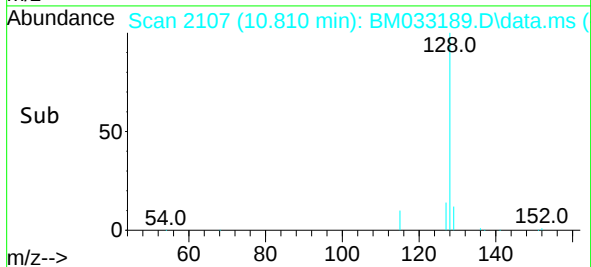
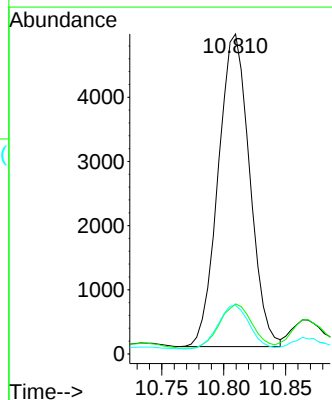
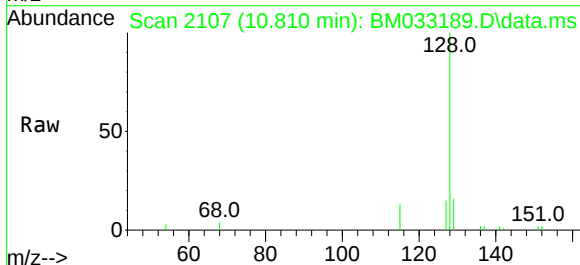
Instrument :
BNA_M
ClientSampleId :
H0AB5MS

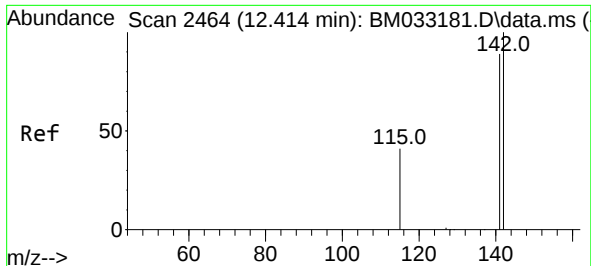
Tgt Ion: 88 Resp: 1463
Ion Ratio Lower Upper
88 100
43 59.5 35.8 53.8#
58 68.9 55.8 83.8



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.810 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion: 128 Resp: 8607
Ion Ratio Lower Upper
128 100
129 15.6 9.8 14.6#
127 15.2 11.8 17.8

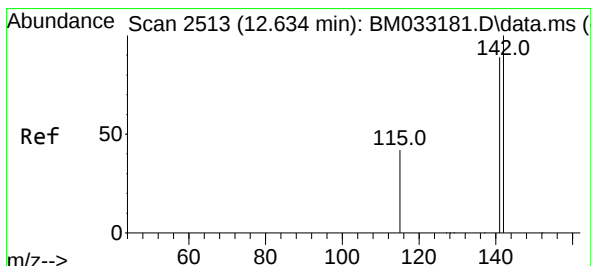
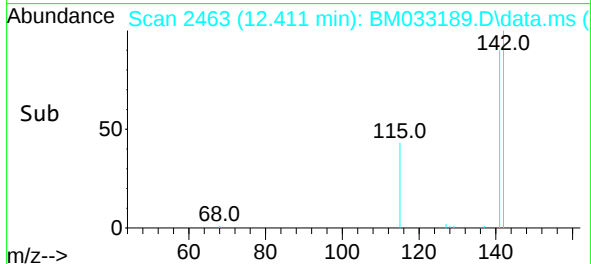
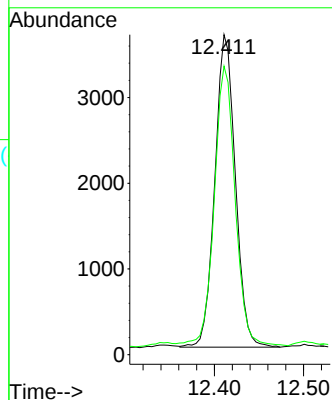
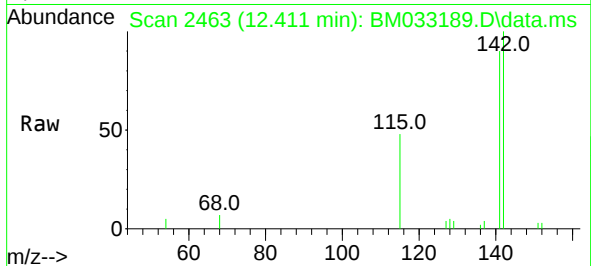




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.411 min Scan# 2463
Delta R.T. -0.005 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

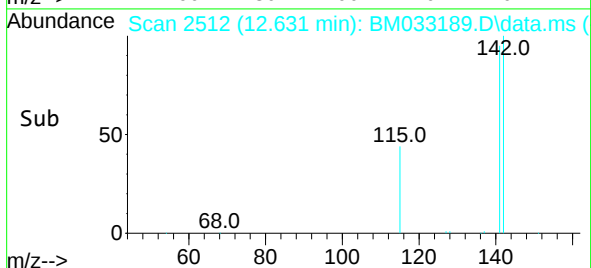
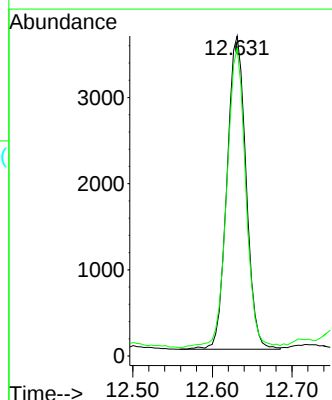
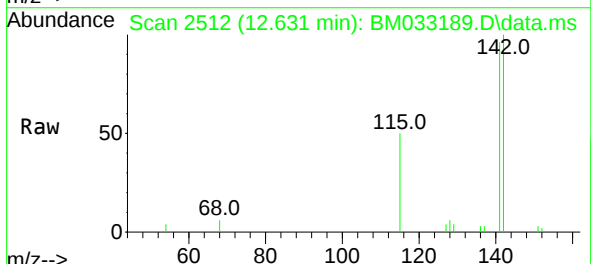
Instrument :
BNA_M
ClientSampleId :
H0AB5MS

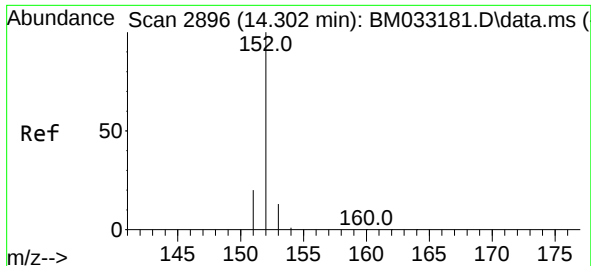
Tgt Ion:142 Resp: 5856
Ion Ratio Lower Upper
142 100
141 91.0 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.631 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:142 Resp: 6052
Ion Ratio Lower Upper
142 100
141 95.6 74.5 111.7

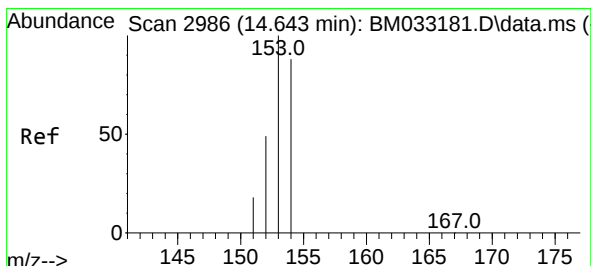
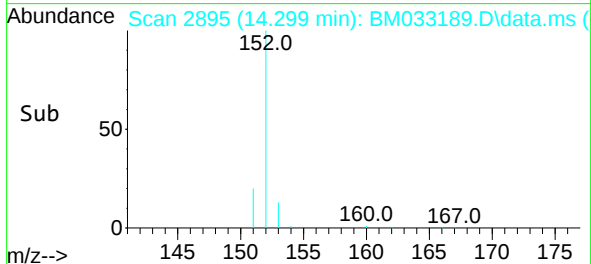
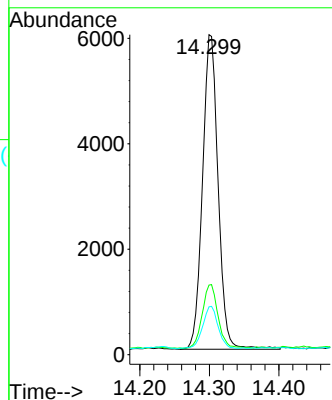
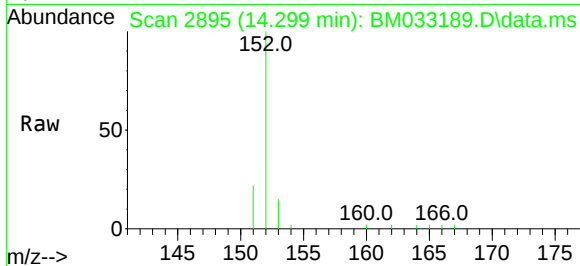




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.299 min Scan# 2895
Delta R.T. -0.004 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

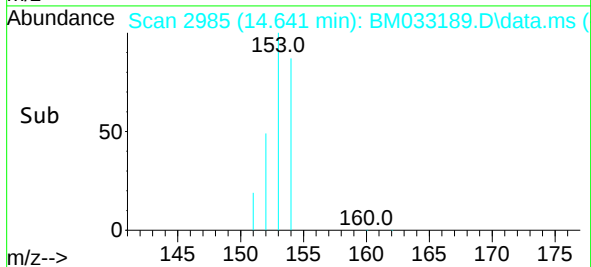
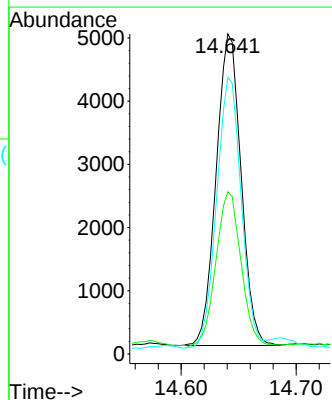
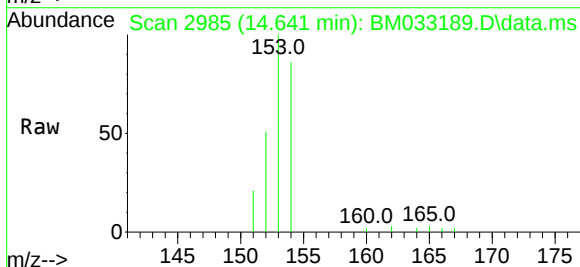
Instrument :
BNA_M
ClientSampleId :
H0AB5MS

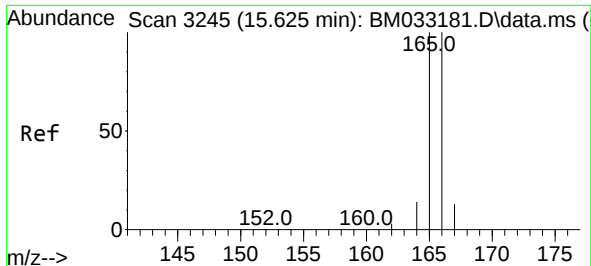
Tgt Ion:152 Resp: 9286
Ion Ratio Lower Upper
152 100
151 21.7 16.7 25.1
153 15.0 0.0 0.0#



#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.641 min Scan# 2985
Delta R.T. -0.004 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:153 Resp: 7412
Ion Ratio Lower Upper
153 100
152 50.7 40.6 60.8
154 86.4 70.8 106.2

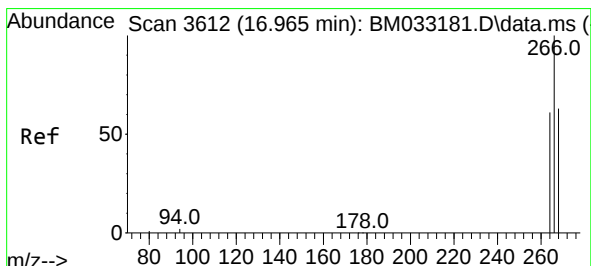
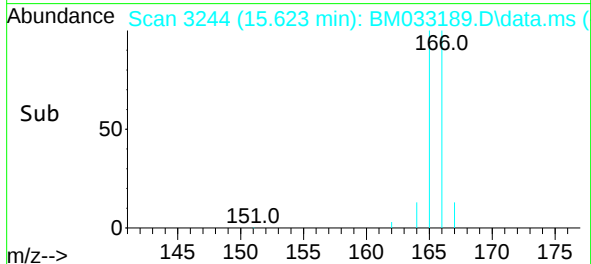
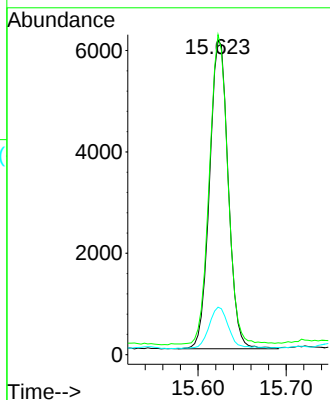
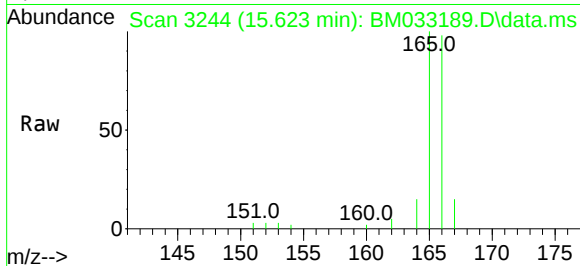




#12
 Fluorene
 Concen: 0.357 ng/ul
 RT: 15.623 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BM033189.D
 Acq: 19 Nov 2021 23:05

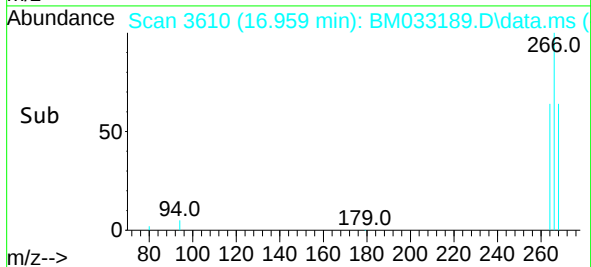
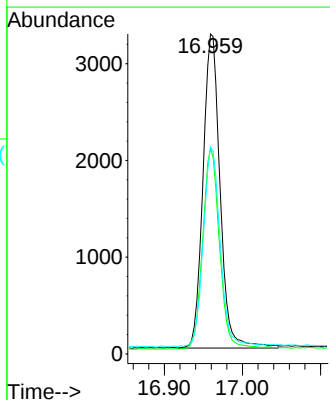
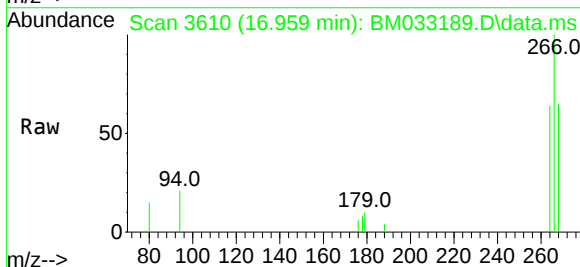
Instrument :
 BNA_M
 ClientSampleId :
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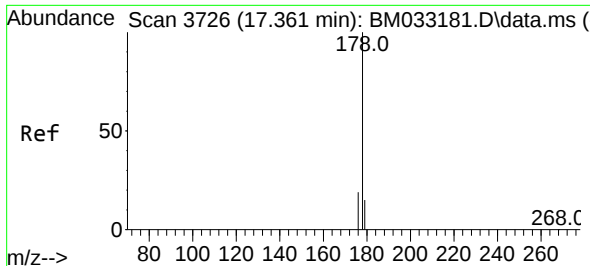
Tgt Ion:	166	Resp:	8975
Ion	Ratio	Lower	Upper
166	100		
165	101.8	80.8	121.2
167	15.1	11.7	17.5



#14
 Pentachlorophenol
 Concen: 1.137 ng/ul
 RT: 16.959 min Scan# 3610
 Delta R.T. -0.007 min
 Lab File: BM033189.D
 Acq: 19 Nov 2021 23:05

Tgt Ion:	266	Resp:	4961
Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.2	76.8
268	63.7	52.9	79.3

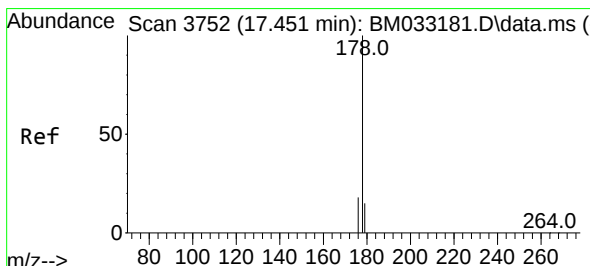
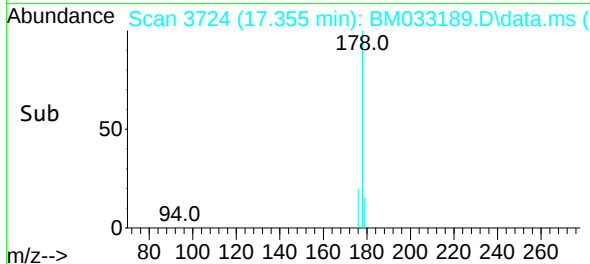
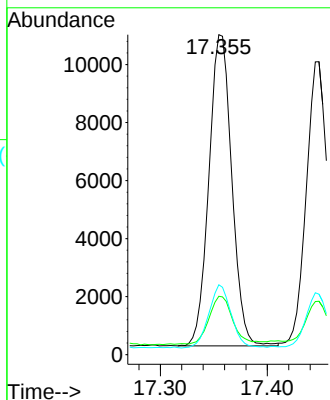
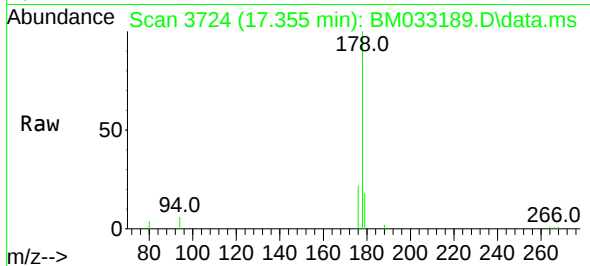




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.355 min Scan# 3724
Delta R.T. -0.003 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

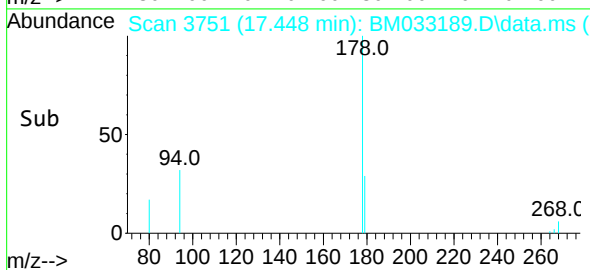
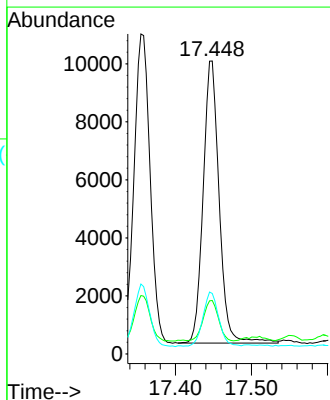
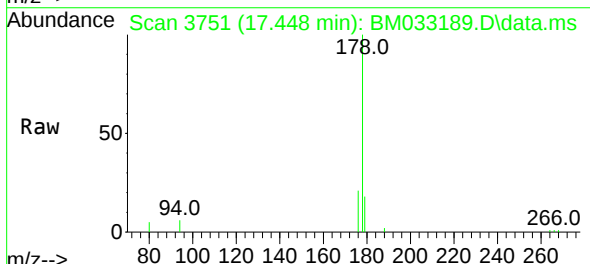
Instrument :
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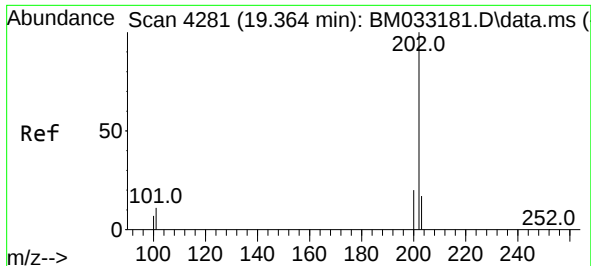
Tgt Ion:	178	Resp:	15970
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.9	19.3
176	21.8	16.0	24.0



#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.448 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:	178	Resp:	14217
Ion Ratio	Lower	Upper	
178	100		
179	18.2	13.0	19.6
176	20.7	15.6	23.4

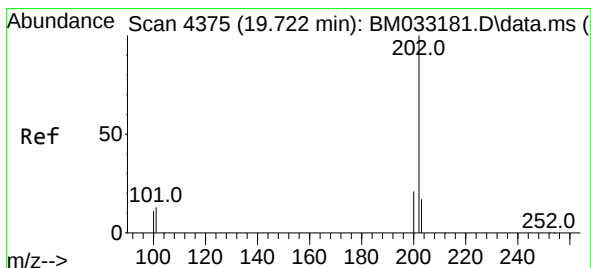
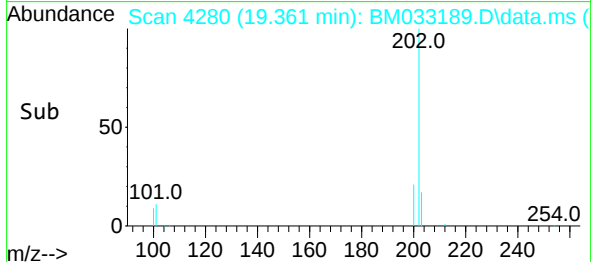
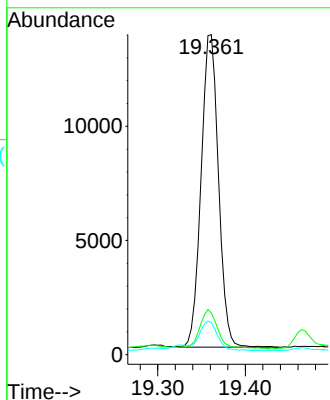
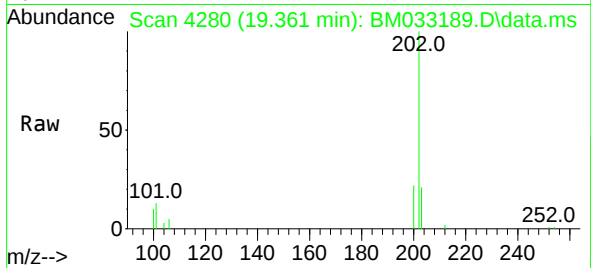




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.361 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

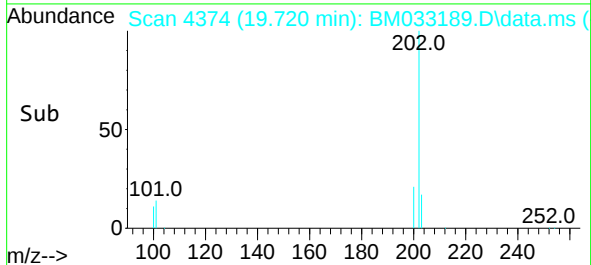
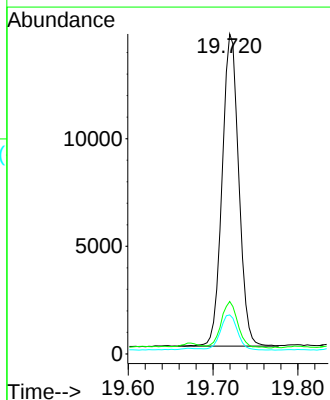
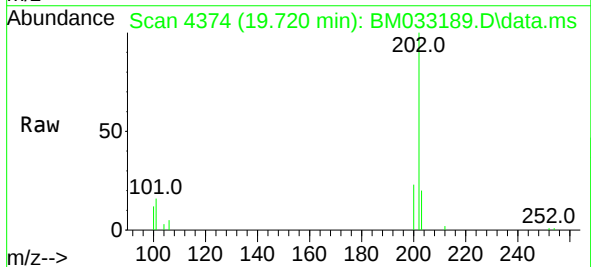
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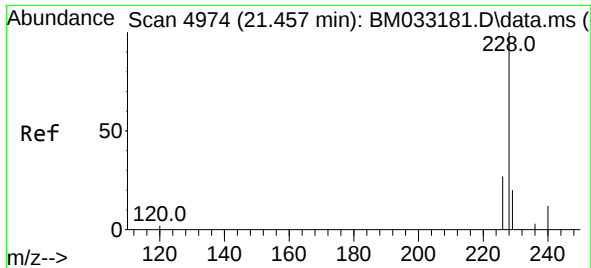
Tgt Ion:202 Resp: 18821
Ion Ratio Lower Upper
202 100
101 13.0 9.9 14.9
100 10.1 7.3 10.9



#20
Pyrene
Concen: 0.385 ng/ul
RT: 19.720 min Scan# 4374
Delta R.T. -0.004 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:202 Resp: 19755
Ion Ratio Lower Upper
202 100
101 16.4 11.8 17.6
100 12.2 9.5 14.3

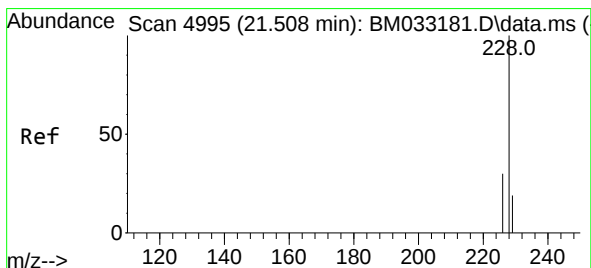
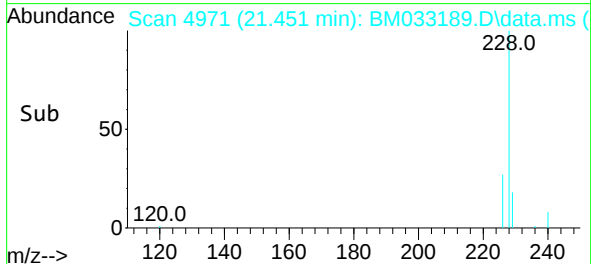
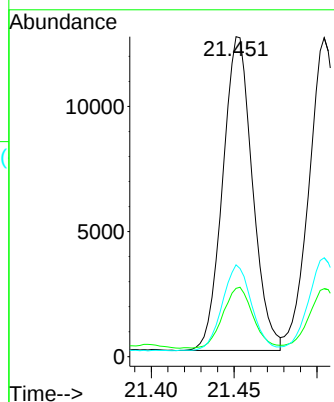
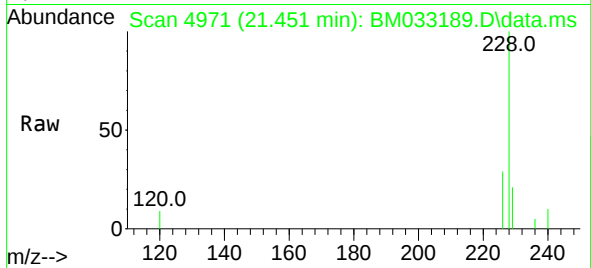




#21
Benzo(a)anthracene
Concen: 0.409 ng/ul
RT: 21.451 min Scan# 4971
Delta R.T. -0.005 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

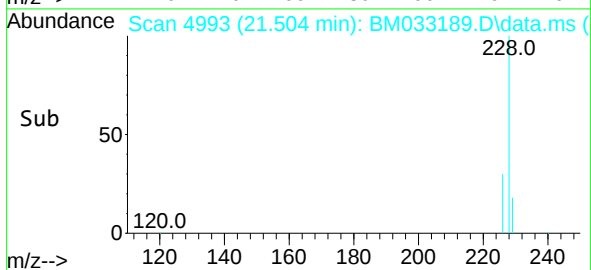
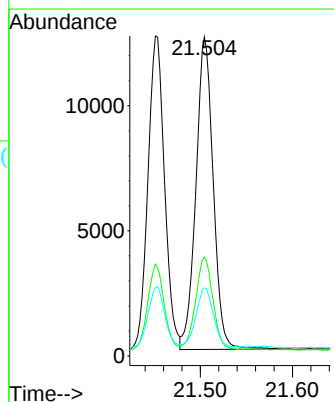
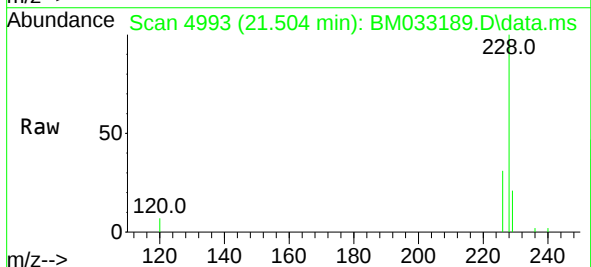
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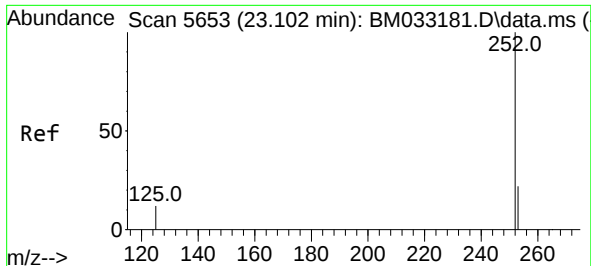
Tgt Ion:228 Resp: 15696
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.7 22.4 33.6



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.504 min Scan# 4993
Delta R.T. -0.002 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:228 Resp: 16319
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.3 16.1 24.1

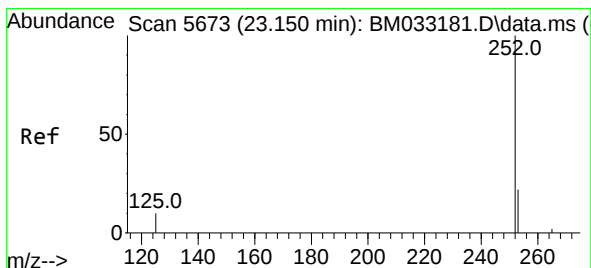
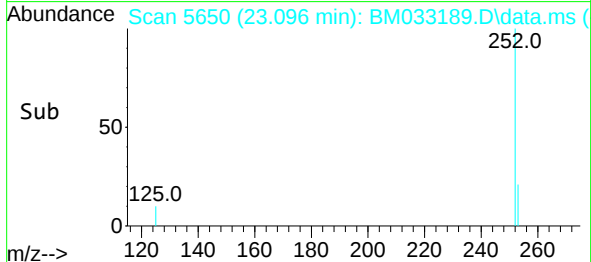
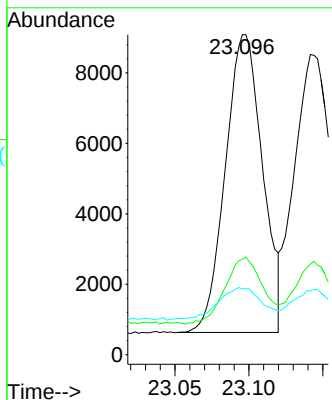
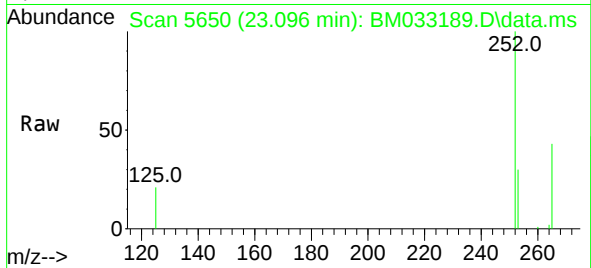




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.096 min Scan# 5650
Delta R.T. -0.005 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

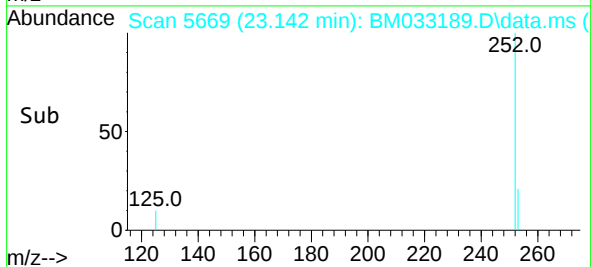
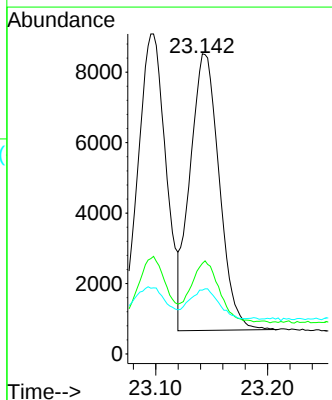
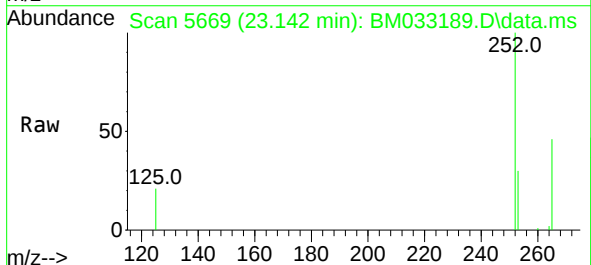
Instrument :
BNA_M
ClientSampleId :
H0AB5MS

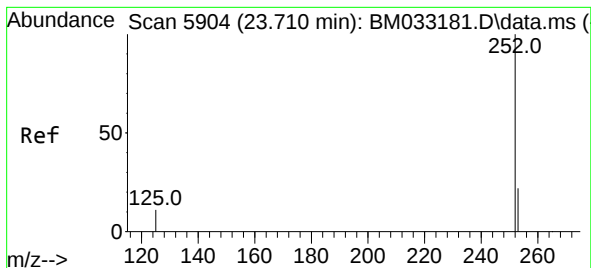
Tgt Ion:252 Resp: 14808
Ion Ratio Lower Upper
252 100
253 29.8 0.0 59.2
125 20.5 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 23.142 min Scan# 5669
Delta R.T. -0.007 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:252 Resp: 14287
Ion Ratio Lower Upper
252 100
253 30.2 23.1 34.7
125 21.3 14.6 21.8





#26

Benzo(a)pyrene

Concen: 0.375 ng/ul

RT: 23.706 min Scan# 5902

Delta R.T. -0.005 min

Lab File: BM033189.D

Acq: 19 Nov 2021 23:05

Instrument :

BNA_M

ClientSampleId :

H0AB5MS

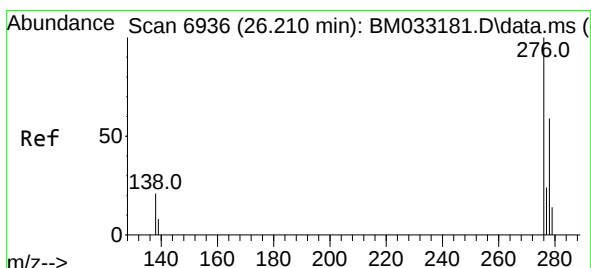
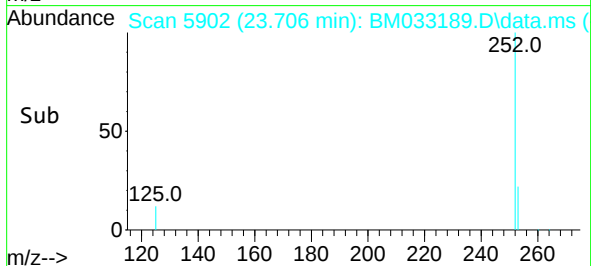
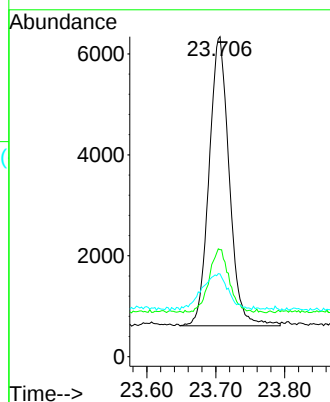
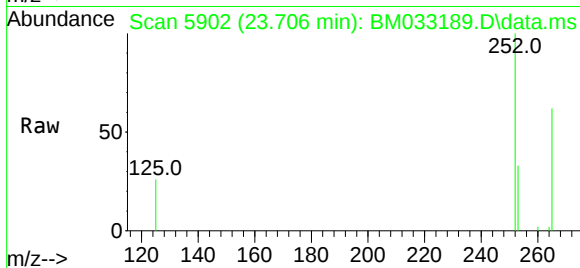
Tgt Ion:252 Resp: 11599

Ion Ratio Lower Upper

252 100

253 33.5 27.1 40.7

125 25.8 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.336 ng/ul

RT: 26.199 min Scan# 6931

Delta R.T. -0.007 min

Lab File: BM033189.D

Acq: 19 Nov 2021 23:05

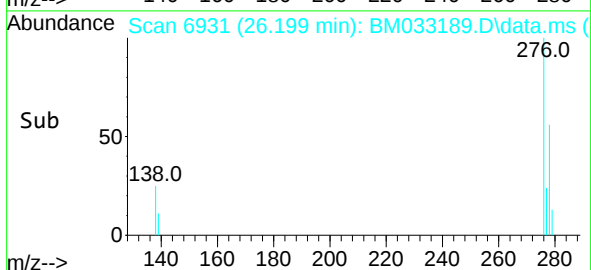
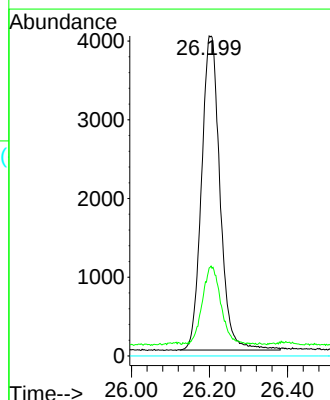
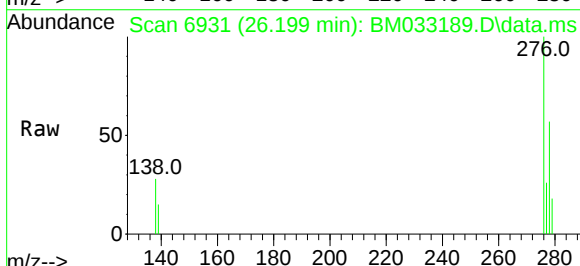
Tgt Ion:276 Resp: 13093

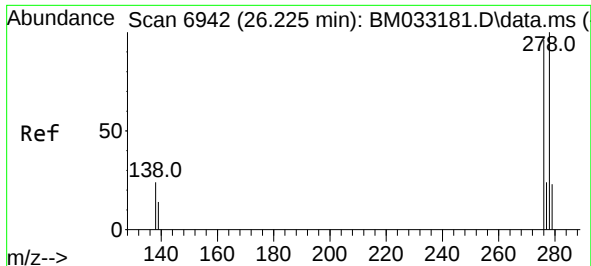
Ion Ratio Lower Upper

276 100

138 24.4 22.9 34.3

227 0.0 0.0 0.0

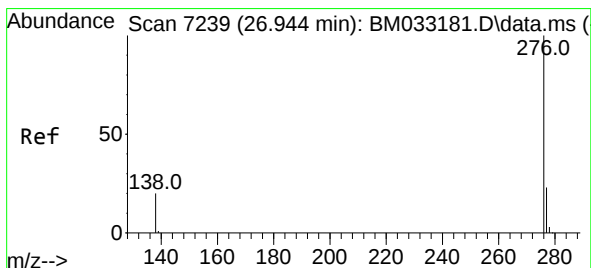
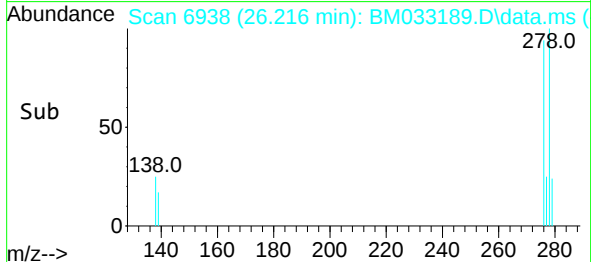
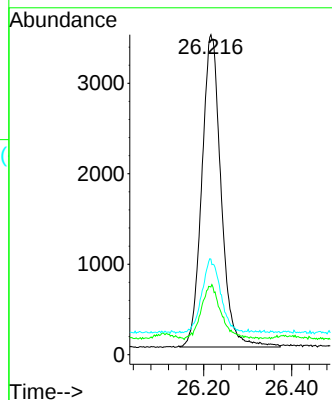
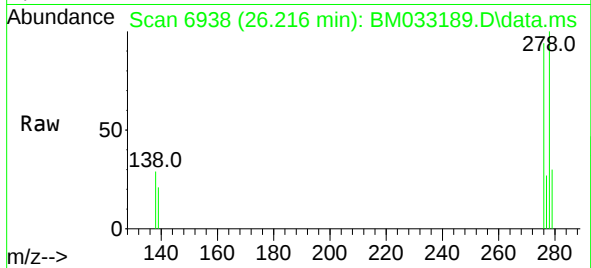




#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.216 min Scan# 6942
Delta R.T. -0.010 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Instrument :
BNA_M
ClientSampleId :
H0AB5MS

Tgt Ion:278 Resp: 10481
Ion Ratio Lower Upper
278 100
139 21.2 18.2 27.2
279 29.9 24.6 36.8



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 26.936 min Scan# 7235
Delta R.T. -0.002 min
Lab File: BM033189.D
Acq: 19 Nov 2021 23:05

Tgt Ion:276 Resp: 11183
Ion Ratio Lower Upper
276 100
138 25.7 22.2 33.2
277 25.8 21.0 31.4

