

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031380.D
 Acq On : 02 Aug 2021 17:56
 Operator : CG/JU
 Sample : M3123-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0074

Quant Time: Aug 02 18:27:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

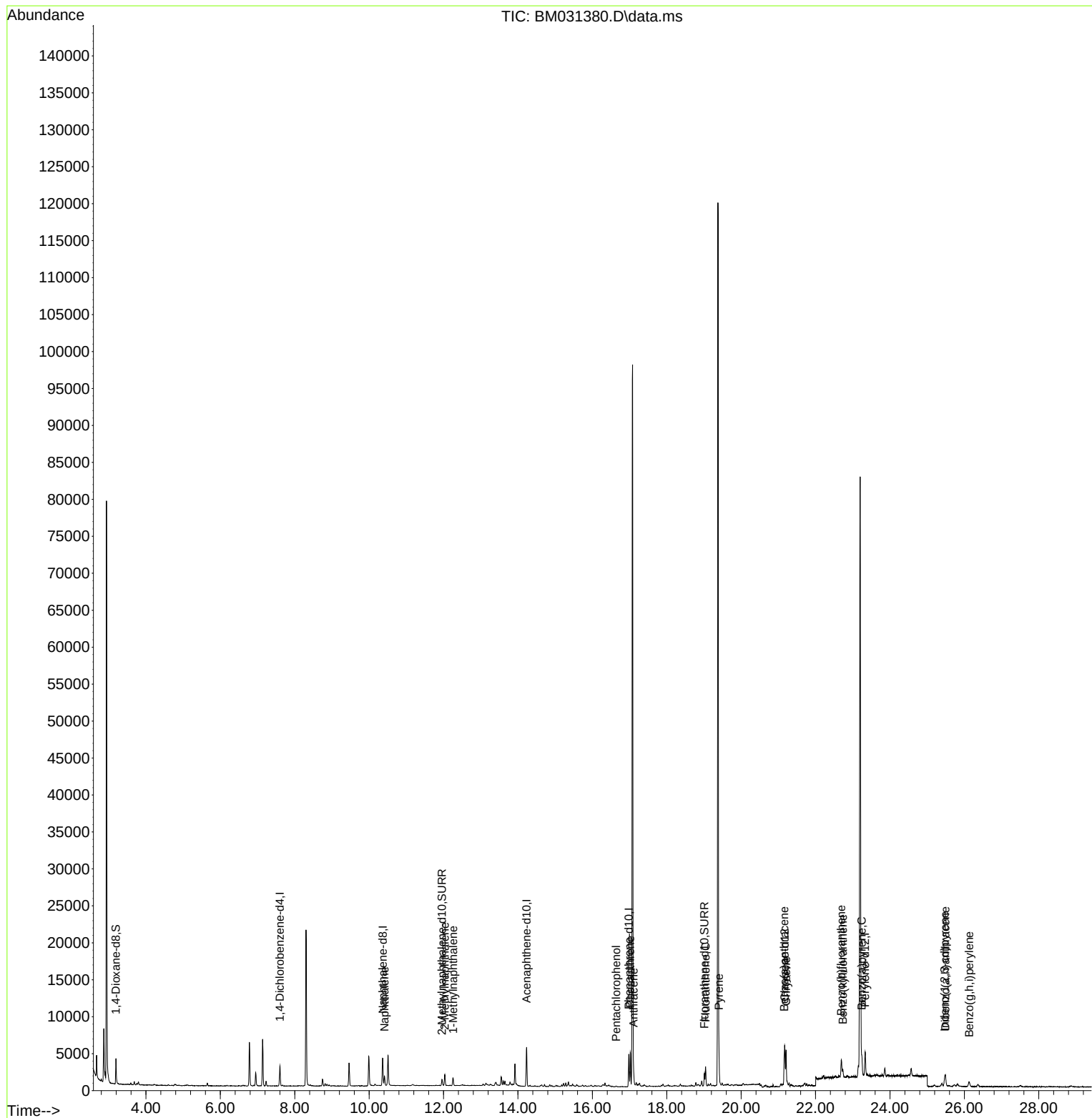
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.601	152	1307	0.40 ng/ul	0.00
4) Naphthalene-d8	10.365	136	4990	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.231	164	2885	0.40 ng/ul	0.00
13) Phenanthrene-d10	16.978	188	5261	0.40 ng/ul	0.00
17) Chrysene-d12	21.171	240	3939	0.40 ng/ul	0.00
23) Perylene-d12	23.334	264	4005	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.193	96	2088	1.44 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1063	0.13 ng/ul	0.00
18) Fluoranthene-d10	19.012	212	1942	0.15 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.410	128	1580	0.11 ng/ul#	93
7) 2-Methylnaphthalene	12.034	142	1034	0.10 ng/ul	100
8) 1-Methylnaphthalene	12.254	142	741	0.07 ng/ul	97
14) Pentachlorophenol	16.638	266	77	0.05 ng/ul	93
15) Phenanthrene	17.020	178	4693	0.28 ng/ul	98
16) Anthracene	17.110	178	1004	0.06 ng/ul#	86
19) Fluoranthene	19.043	202	2339	0.14 ng/ul#	92
20) Pyrene	19.405	202	3278	0.19 ng/ul#	94
21) Benzo(a)anthracene	21.156	228	2693	0.17 ng/ul#	86
22) Chrysene	21.207	228	5066	0.31 ng/ul#	93
24) Benzo(b)fluoranthene	22.689	252	2919	0.16 ng/ul#	75
25) Benzo(k)fluoranthene	22.733	252	1245	0.07 ng/ul#	57
26) Benzo(a)pyrene	23.239	252	2019	0.13 ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	25.473	276	1674	0.08 ng/ul#	92
28) Dibenzo(a,h)anthracene	25.490	278	1558	0.09 ng/ul#	61
29) Benzo(g,h,i)perylene	26.127	276	1267	0.07 ng/ul#	74

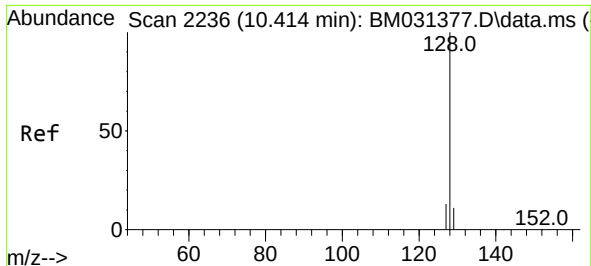
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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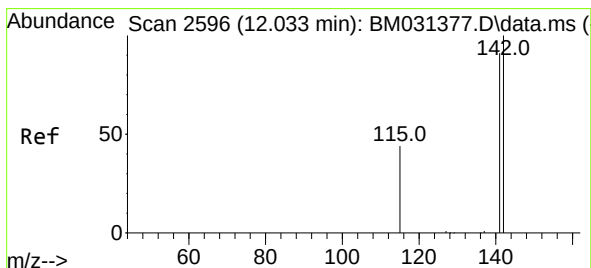
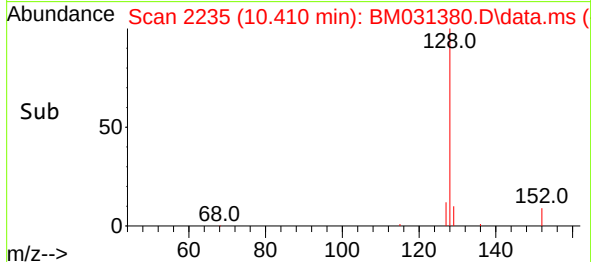
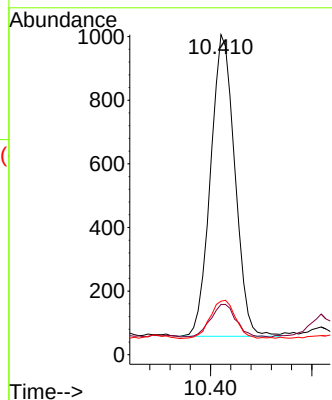
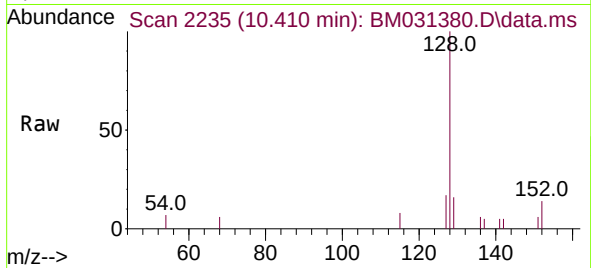




#5
Naphthalene
Concen: 0.11 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

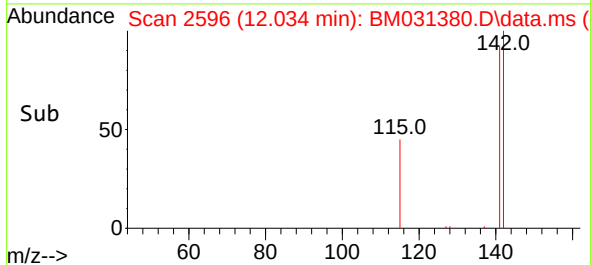
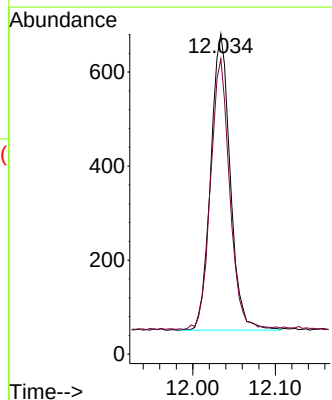
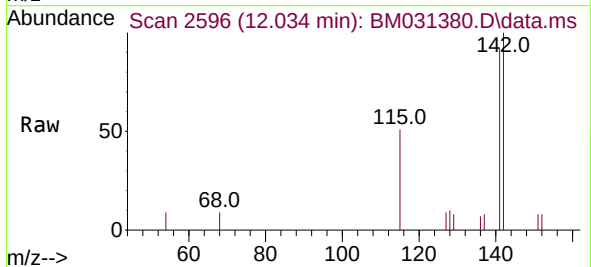
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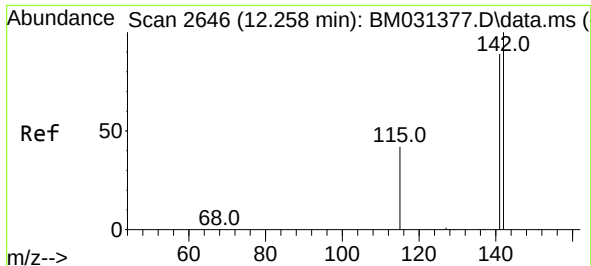
Tgt Ion:128 Resp: 1580
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0#
127 16.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:142 Resp: 1034
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0

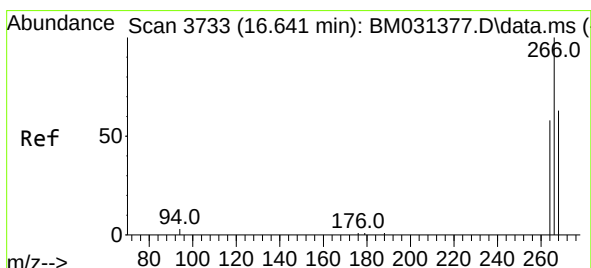
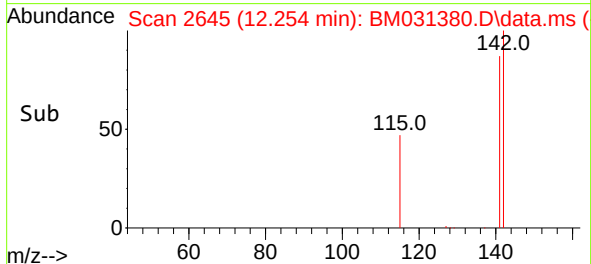
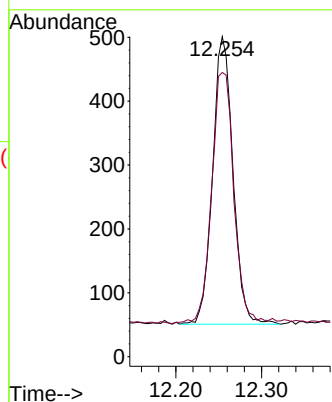
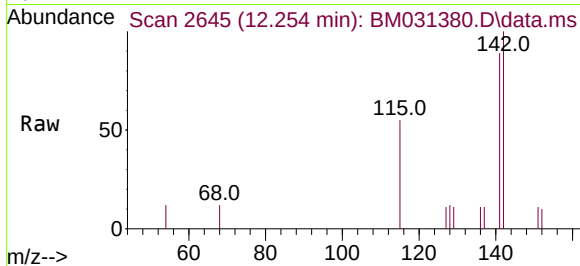




#8
1-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

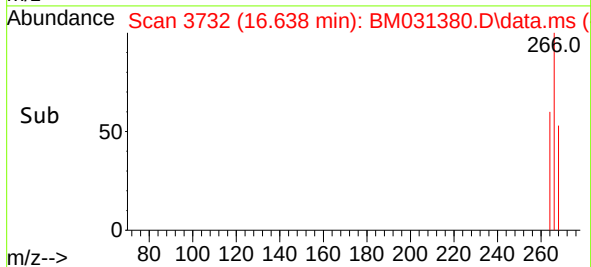
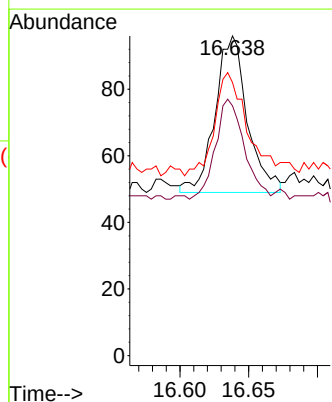
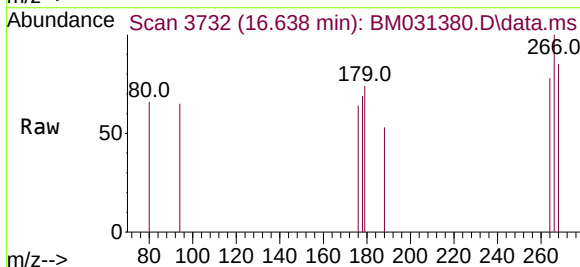
Instrument :
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ClientSampled :
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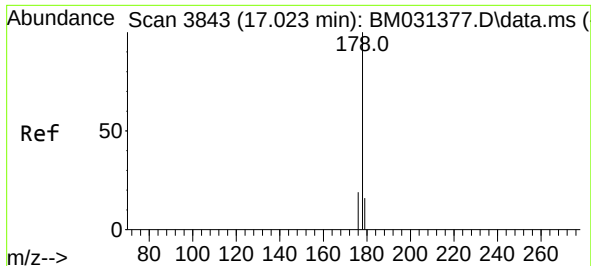
Tgt Ion:142 Resp: 741
Ion Ratio Lower Upper
142 100
141 95.8 74.1 111.1



#14
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 16.638 min Scan# 3732
Delta R.T. 0.000 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:266 Resp: 77
Ion Ratio Lower Upper
266 100
264 57.1 50.1 75.1
268 68.8 51.3 76.9

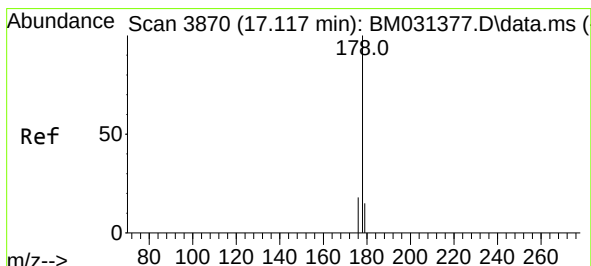
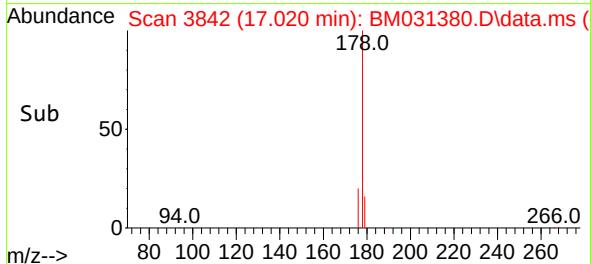
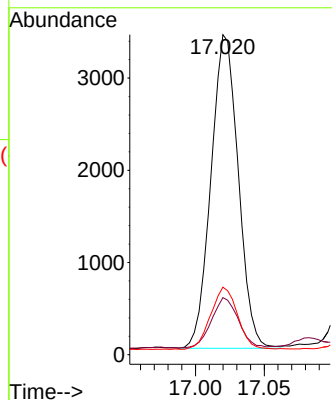
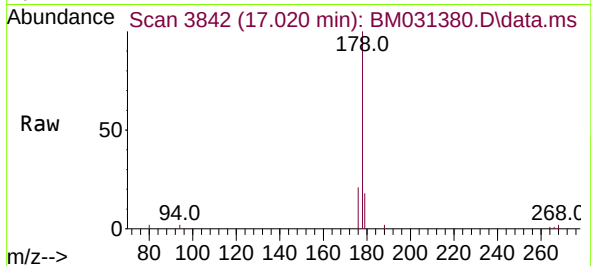




#15
Phenanthrene
Concen: 0.28 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

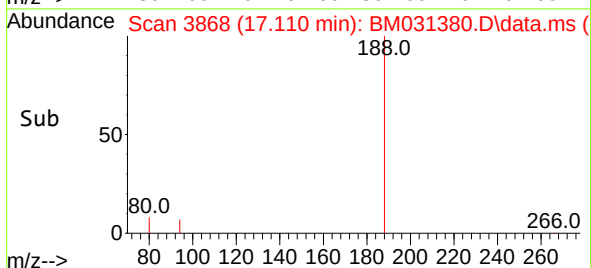
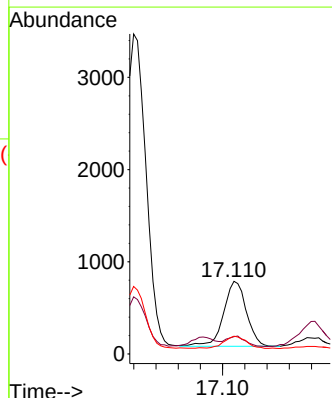
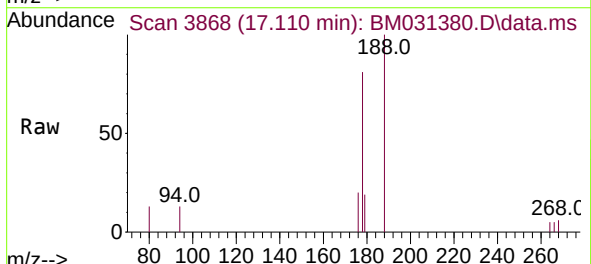
Instrument :
BNA_M
ClientSampleId :
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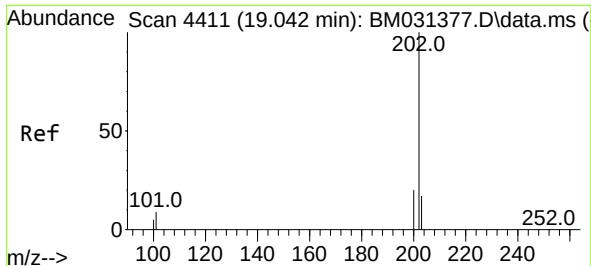
Tgt Ion:178	Resp:	4693
Ion Ratio	Lower	Upper
178	100	
179	17.9	13.3 19.9
176	21.1	16.2 24.4



#16
Anthracene
Concen: 0.06 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:178	Resp:	1004
Ion Ratio	Lower	Upper
178	100	
179	23.9	13.0 19.6#
176	24.4	15.6 23.4#

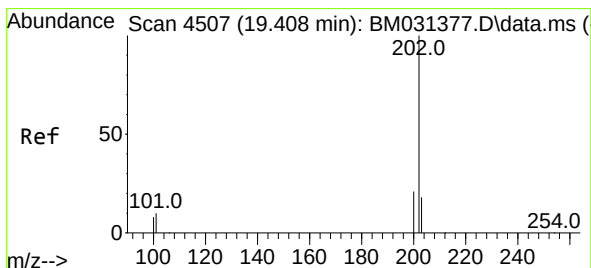
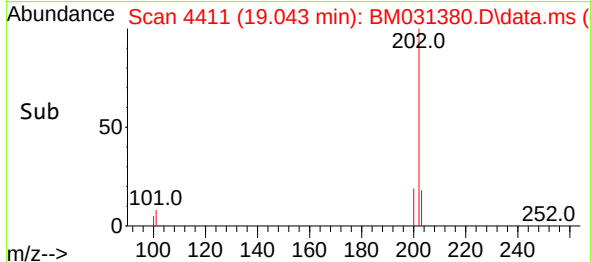
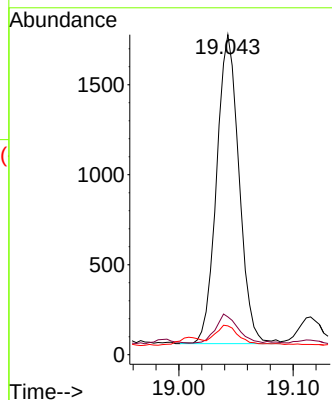
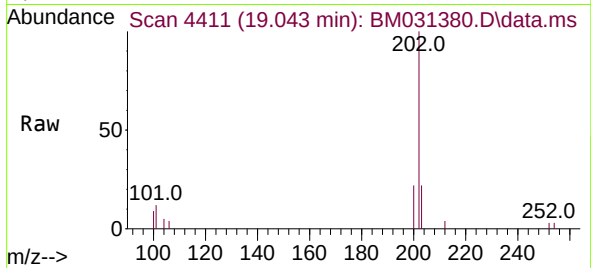




#19
Fluoranthene
Concen: 0.14 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

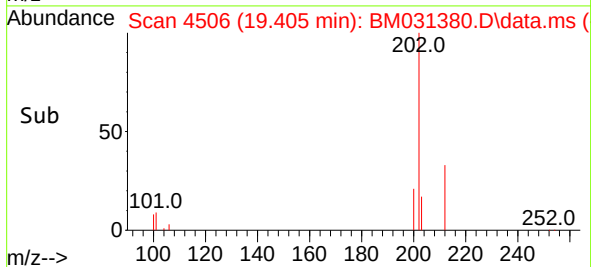
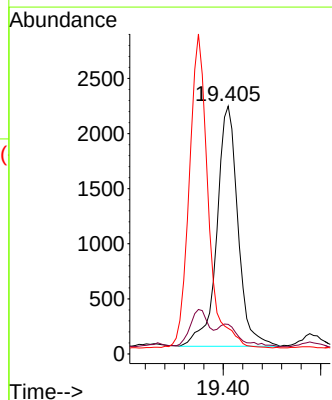
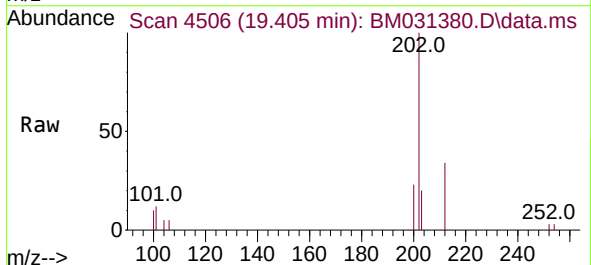
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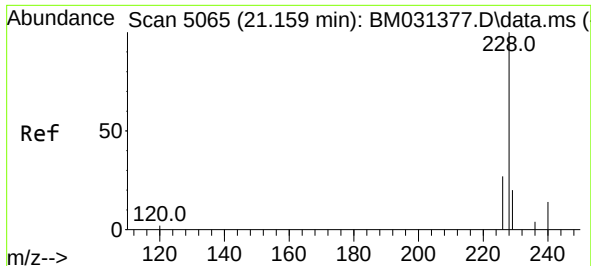
Tgt Ion:202 Resp: 2339
Ion Ratio Lower Upper
202 100
101 11.8 6.6 10.0#
100 9.0 5.4 8.0#



#20
Pyrene
Concen: 0.19 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:202 Resp: 3278
Ion Ratio Lower Upper
202 100
101 12.0 7.8 11.6#
100 10.4 6.6 10.0#

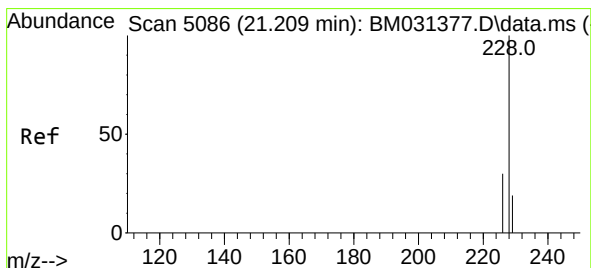
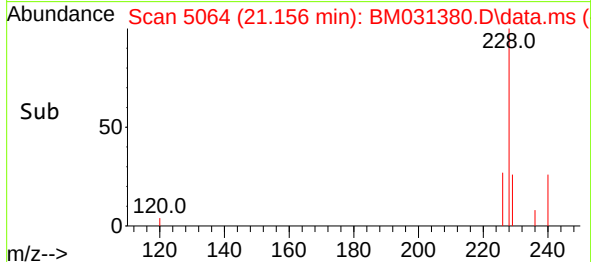
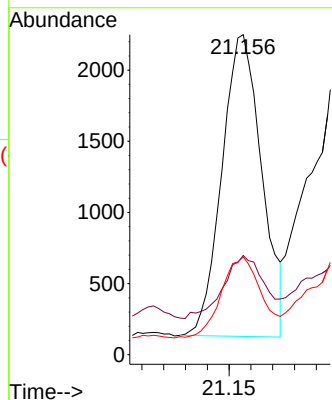
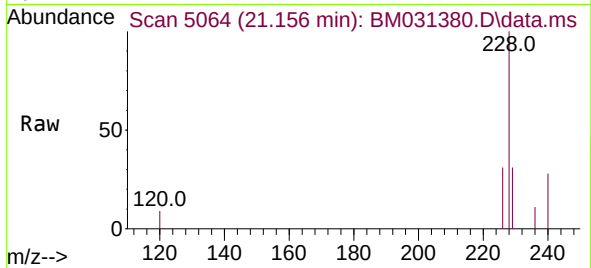




#21
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.002 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

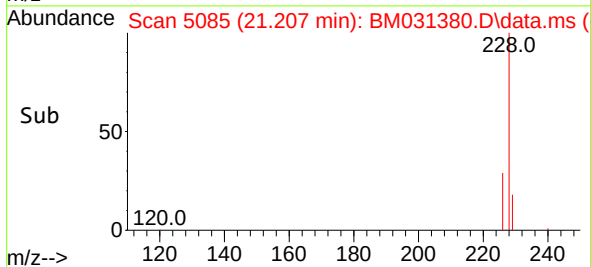
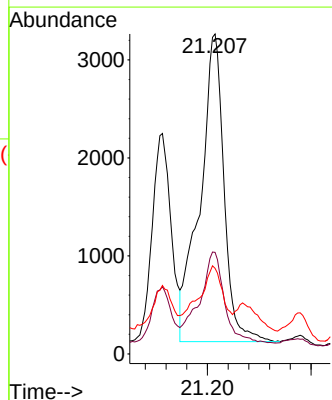
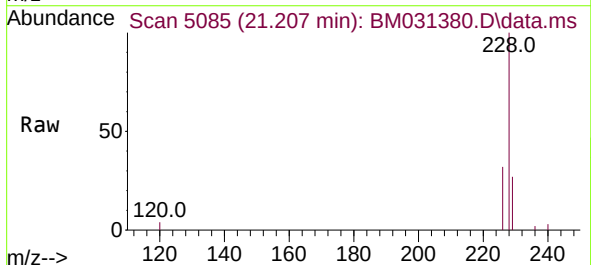
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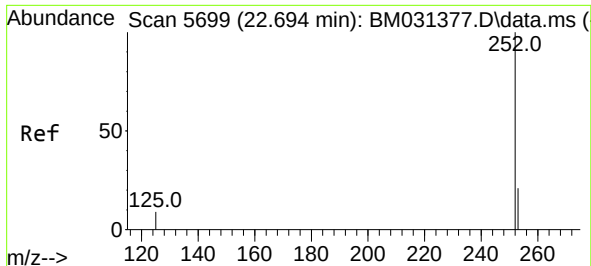
Tgt Ion:228 Resp: 2693
Ion Ratio Lower Upper
228 100
229 31.0 15.6 23.4#
226 30.5 21.7 32.5



#22
Chrysene
Concen: 0.31 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.002 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:228 Resp: 5066
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 26.8 16.2 24.2#

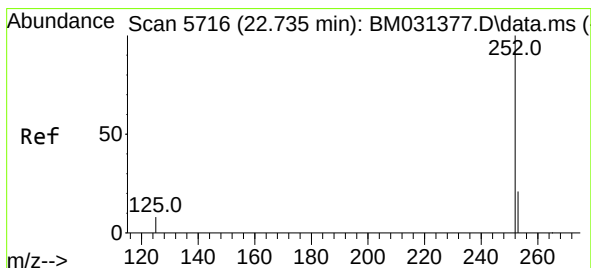
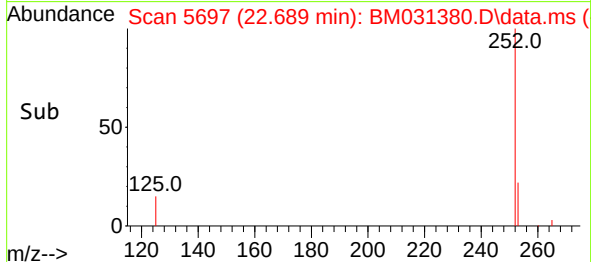
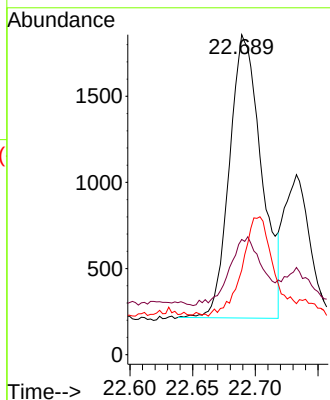
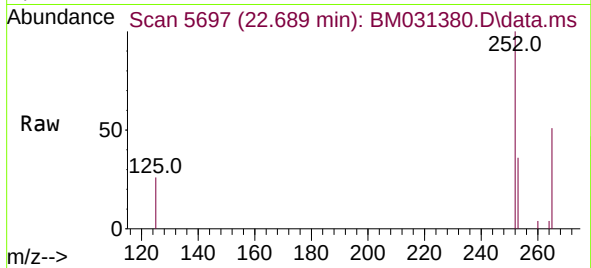




#24
Benzo(b)fluoranthene
Concen: 0.16 ng/ul
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

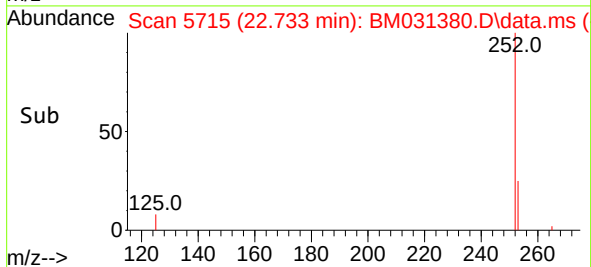
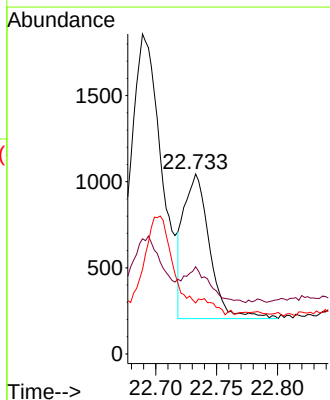
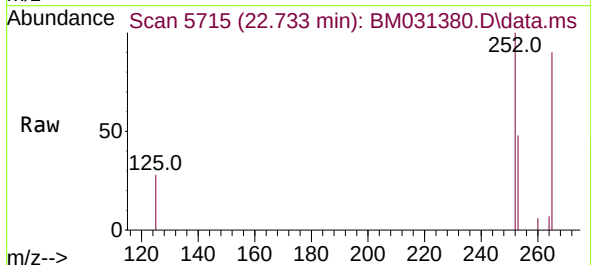
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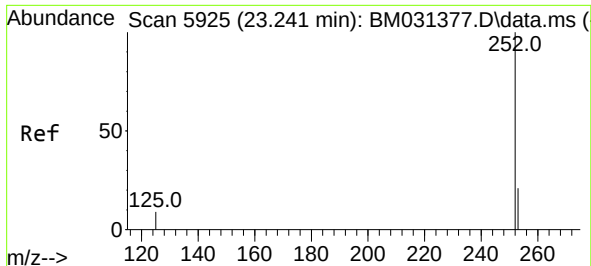
Tgt Ion:252 Resp: 2919
Ion Ratio Lower Upper
252 100
253 36.0 0.0 53.0
125 26.4 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 22.733 min Scan# 5715
Delta R.T. -0.002 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:252 Resp: 1245
Ion Ratio Lower Upper
252 100
253 48.4 21.3 31.9#
125 28.3 8.8 13.2#

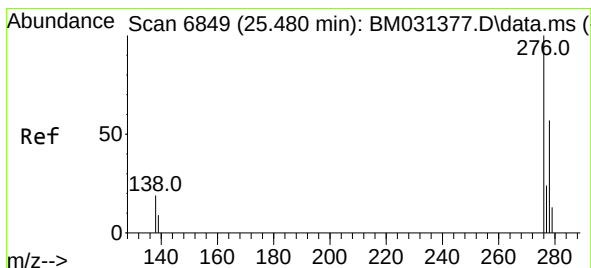
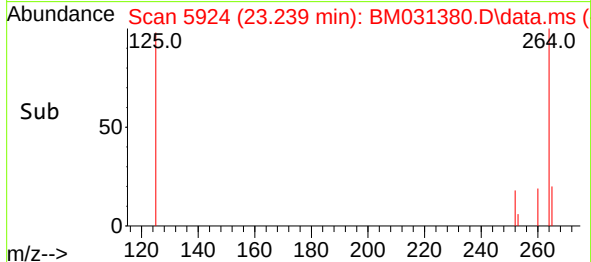
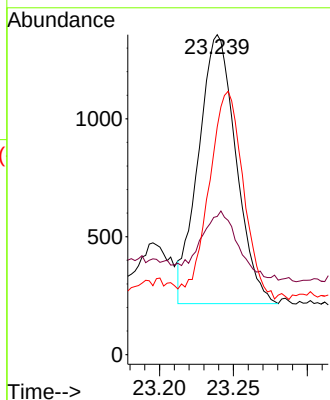
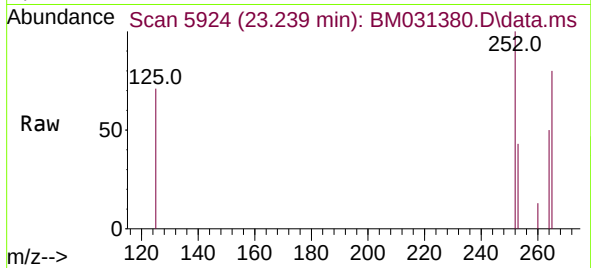




#26
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.005 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

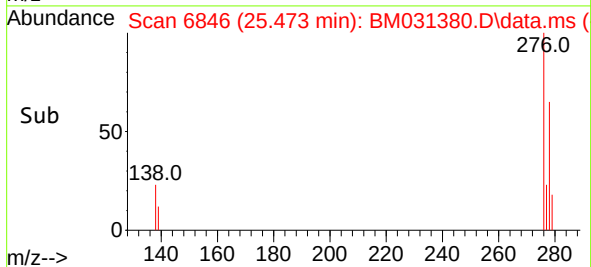
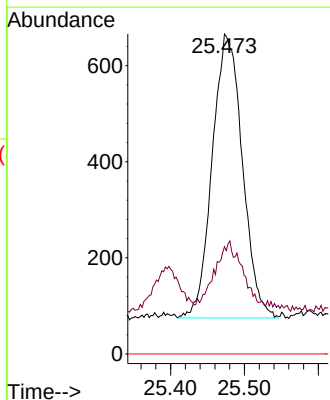
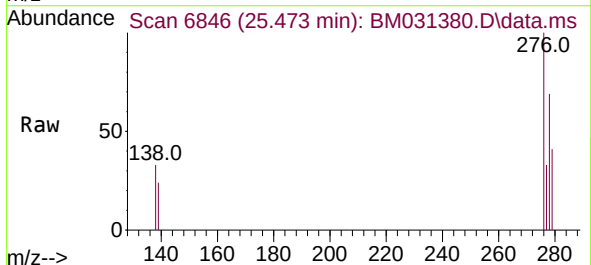
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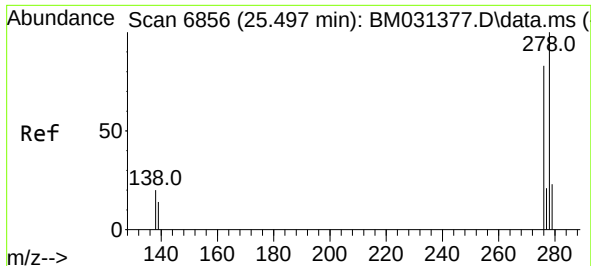
Tgt Ion:252	Resp:	2019
Ion Ratio	Lower	Upper
252	100	
253	43.2	22.4 33.6#
125	71.2	13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.08 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.007 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:276	Resp:	1674
Ion Ratio	Lower	Upper
276	100	
138	23.5	15.8 23.8
227	0.0	0.0 0.0

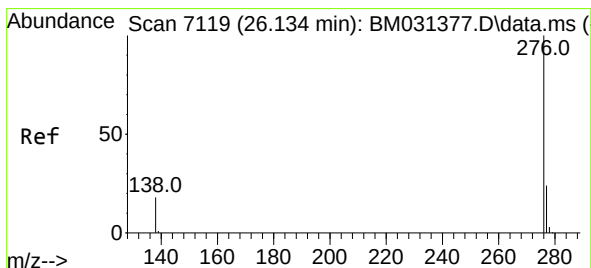
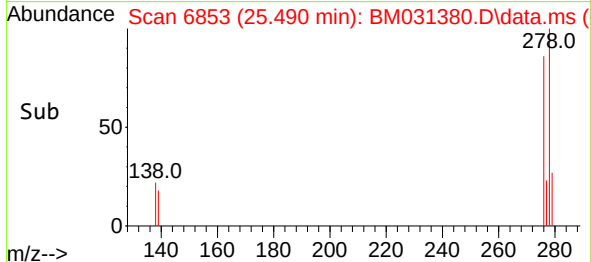
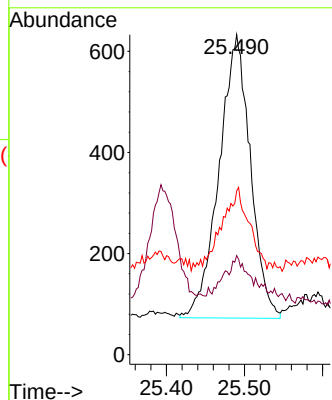
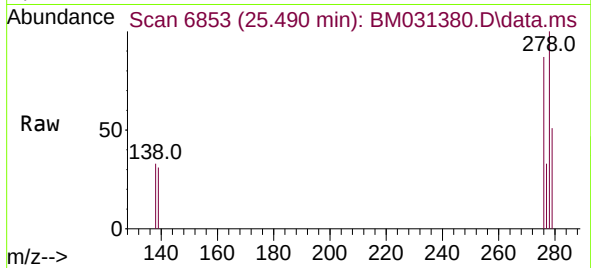




#28
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.002 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Instrument :
BNA_M
ClientSampled :
C0074

Tgt Ion:278 Resp: 1558
Ion Ratio Lower Upper
278 100
139 31.0 13.3 19.9#
279 51.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.005 min
Lab File: BM031380.D
Acq: 02 Aug 2021 17:56

Tgt Ion:276 Resp: 1267
Ion Ratio Lower Upper
276 100
138 36.0 15.4 23.2#
277 34.1 19.9 29.9#

