

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031375.D
 Acq On : 02 Aug 2021 14:49
 Operator : CG/JU
 Sample : M3123-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0074

Quant Time: Aug 02 15:46:48 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)

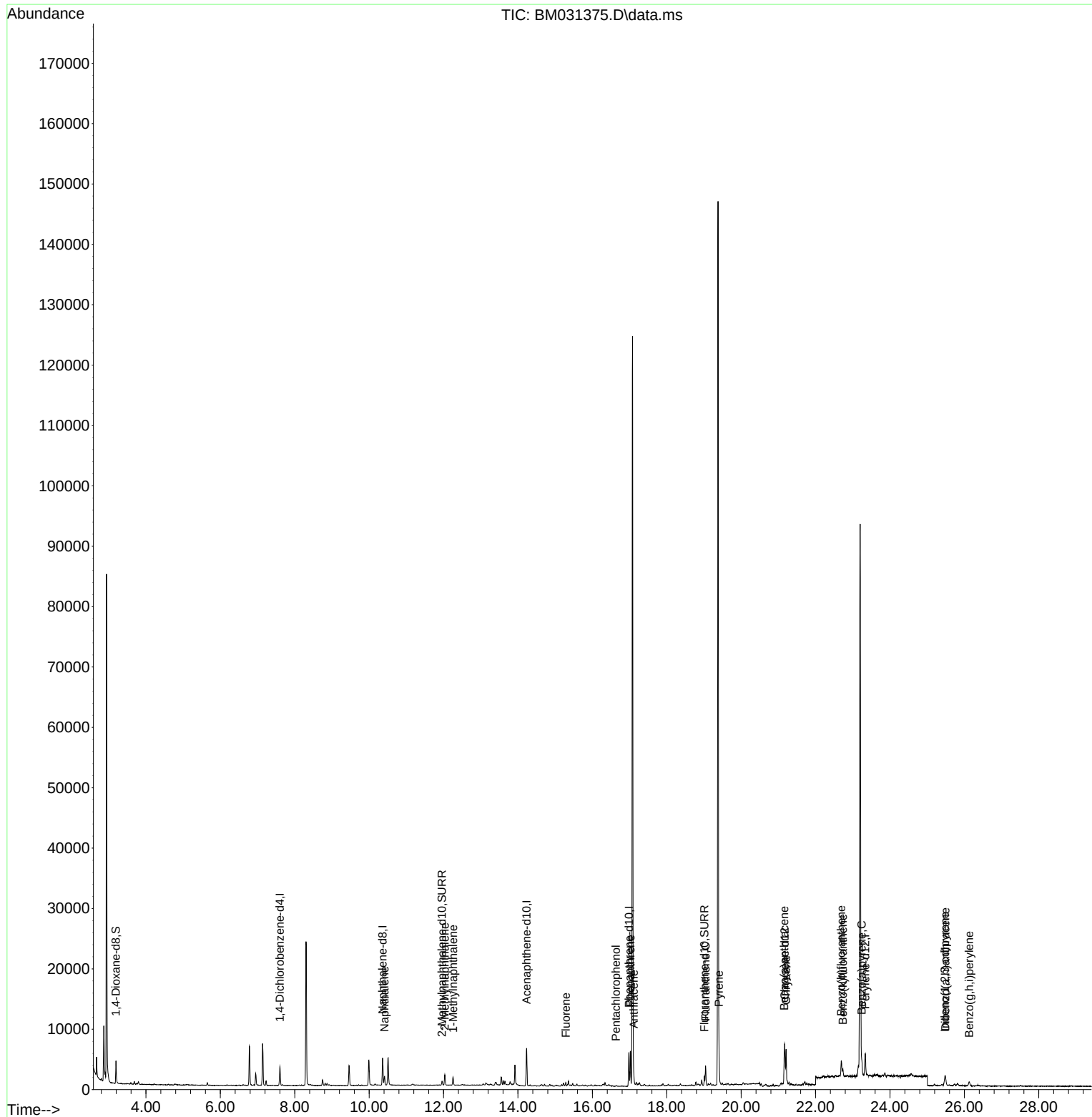
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1491	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5869	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3458	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6474	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	4824	0.400	ng/ul	0.00
23) Perylene-d12	23.336	264	4632	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	2292	1.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	901	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	1677	0.104	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	1877	0.107	ng/ul#	93
7) 2-Methylnaphthalene	12.034	142	1241	0.104	ng/ul	99
8) 1-Methylnaphthalene	12.254	142	901	0.076	ng/ul	98
12) Fluorene	15.285	166	286	0.020	ng/ul#	84
14) Pentachlorophenol	16.635	266	88	0.042	ng/ul	92
15) Phenanthrene	17.023	178	5854	0.285	ng/ul	99
16) Anthracene	17.113	178	1240	0.064	ng/ul#	90
19) Fluoranthene	19.043	202	2865	0.139	ng/ul#	90
20) Pyrene	19.405	202	3981	0.191	ng/ul#	92
21) Benzo(a)anthracene	21.156	228	3428	0.176	ng/ul#	85
22) Chrysene	21.207	228	6038	0.300	ng/ul#	92
24) Benzo(b)fluoranthene	22.689	252	3489	0.167	ng/ul#	78
25) Benzo(k)fluoranthene	22.733	252	1342	0.062	ng/ul#	52
26) Benzo(a)pyrene	23.239	252	2254	0.123	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.478	276	1752	0.074	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.487	278	1620	0.085	ng/ul#	61
29) Benzo(g,h,i)perylene	26.129	276	1297	0.064	ng/ul#	70

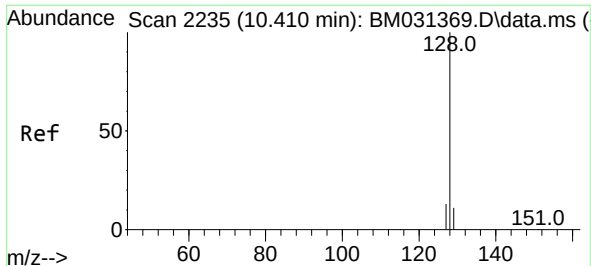
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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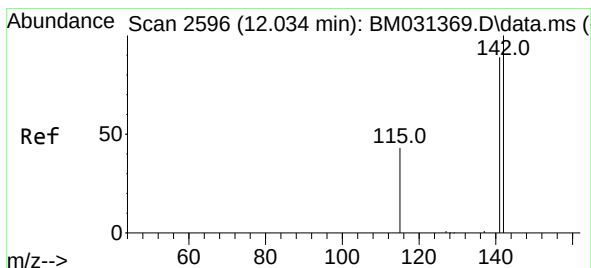
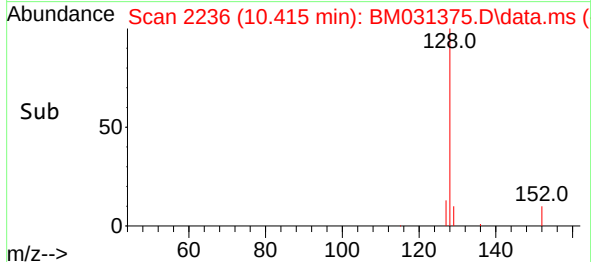
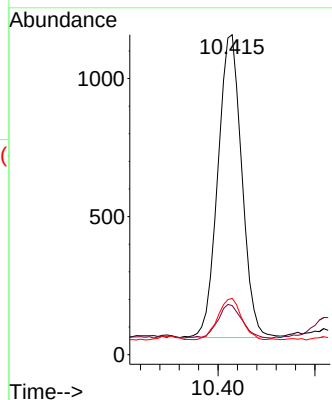
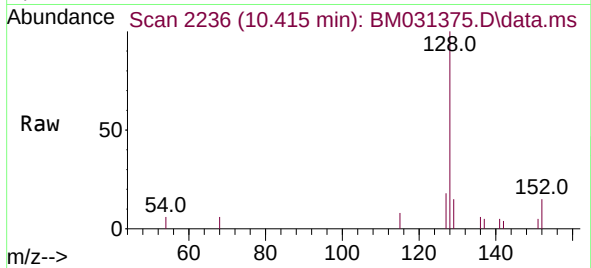




#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. 0.005 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

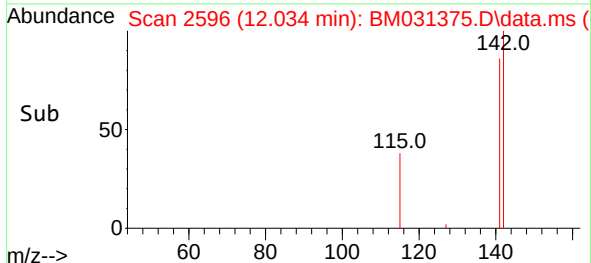
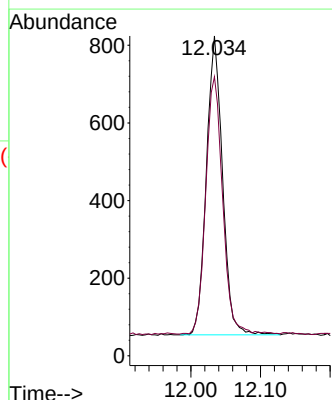
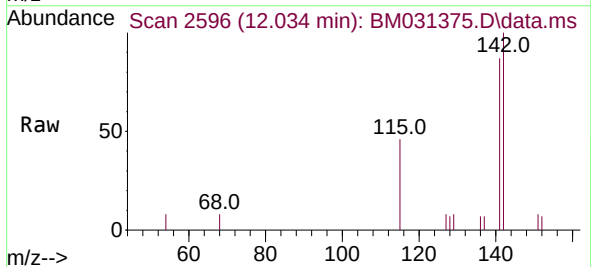
Instrument :
BNA_M
ClientSampled :
C0074

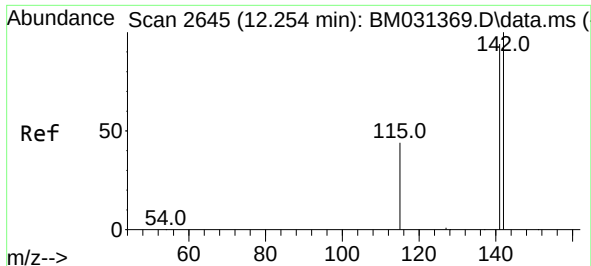
Tgt Ion:128 Resp: 1877
Ion Ratio Lower Upper
128 100
129 15.4 10.0 15.0#
127 17.6 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

Tgt Ion:142 Resp: 1241
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0

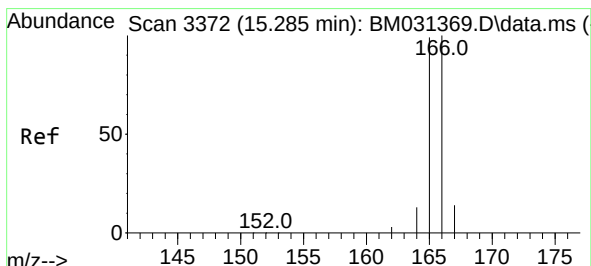
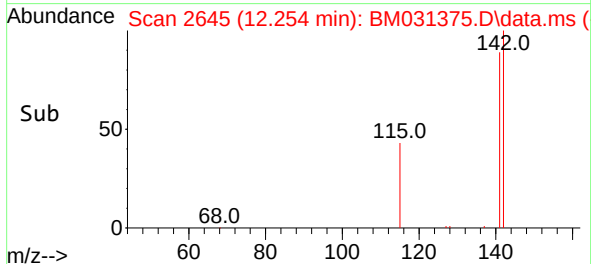
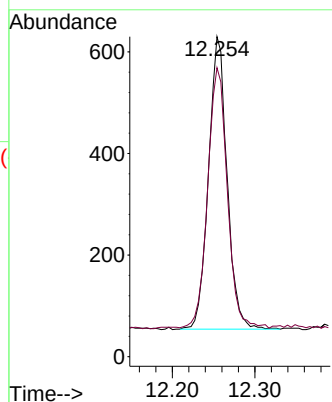
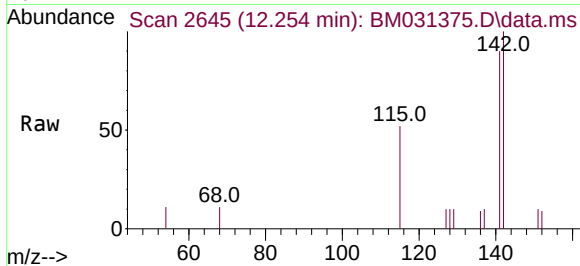




#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

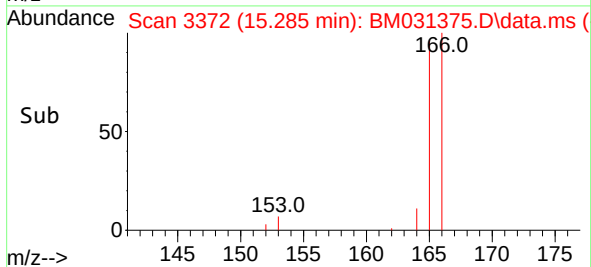
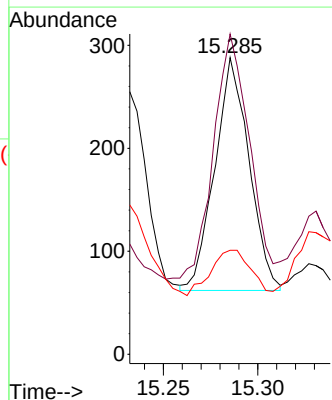
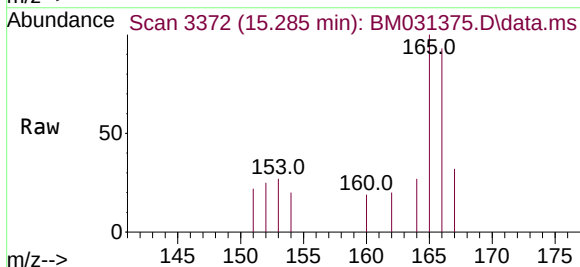
Instrument :
BNA_M
ClientSampleId :
C0074

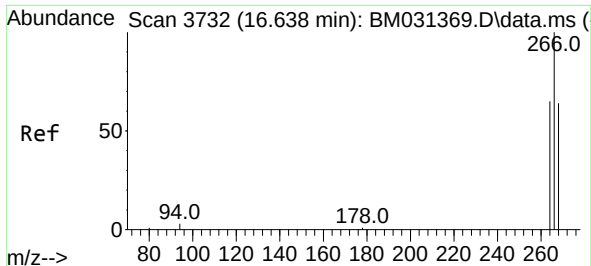
Tgt Ion:142 Resp: 901
Ion Ratio Lower Upper
142 100
141 94.3 74.1 111.1



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

Tgt Ion:166 Resp: 286
Ion Ratio Lower Upper
166 100
165 108.0 78.0 117.0
167 35.1 12.0 18.0#

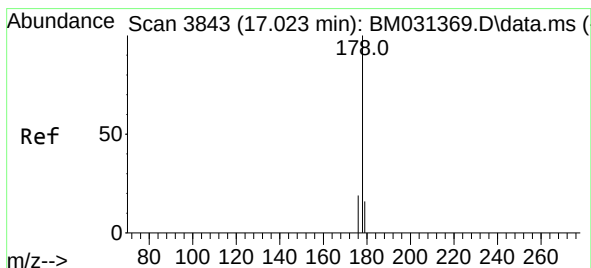
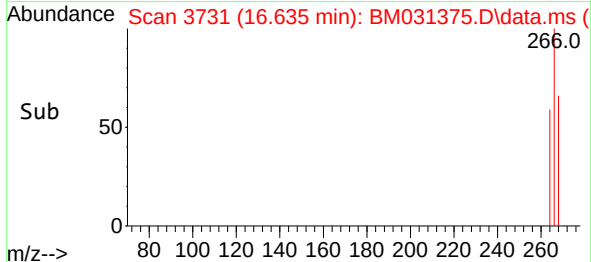
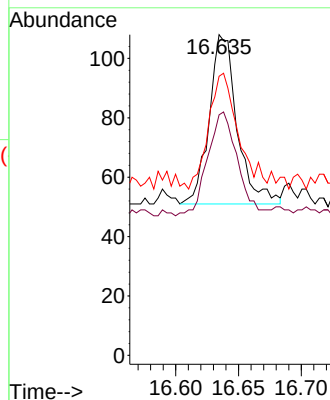
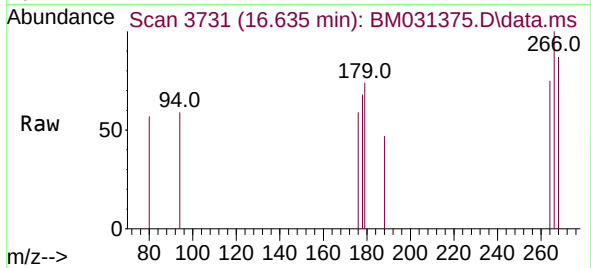




#14
Pentachlorophenol
Concen: 0.042 ng/ul
RT: 16.635 min Scan# 3731
Delta R.T. -0.003 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

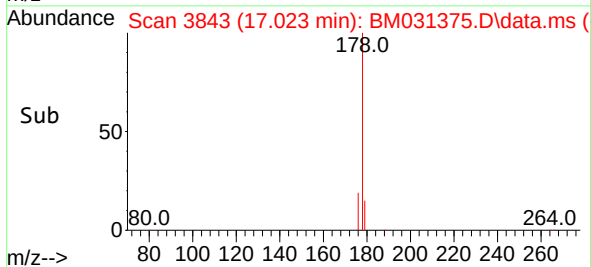
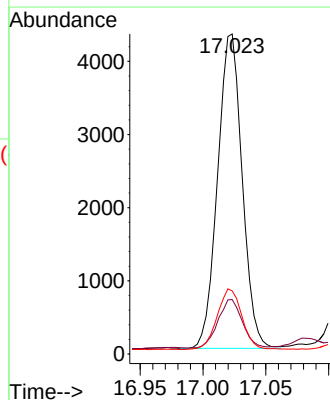
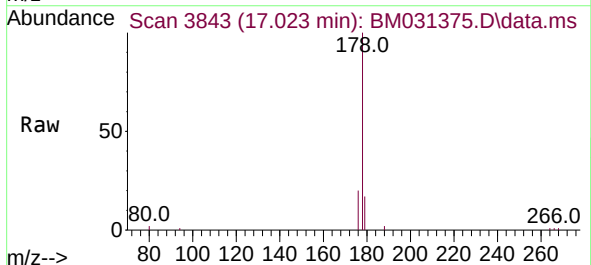
Instrument :
BNA_M
ClientSampleId :
C0074

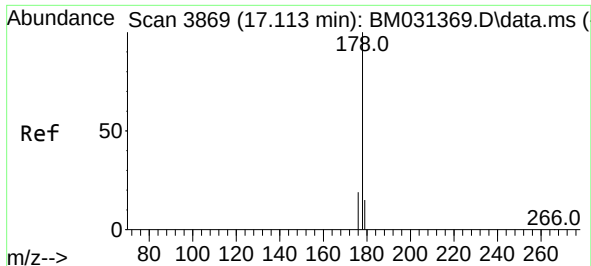
Tgt Ion:266 Resp: 88
Ion Ratio Lower Upper
266 100
264 65.9 50.1 75.1
268 73.9 51.3 76.9



#15
Phenanthrene
Concen: 0.285 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. 0.000 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

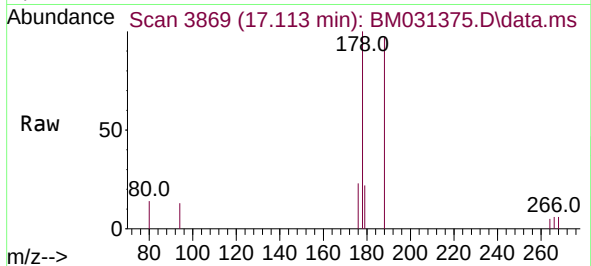
Tgt Ion:178 Resp: 5854
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 19.7 16.2 24.4



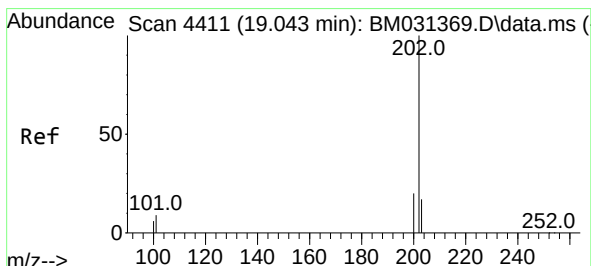
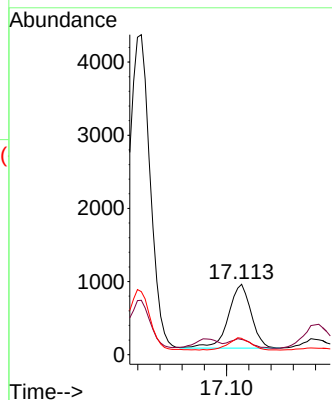
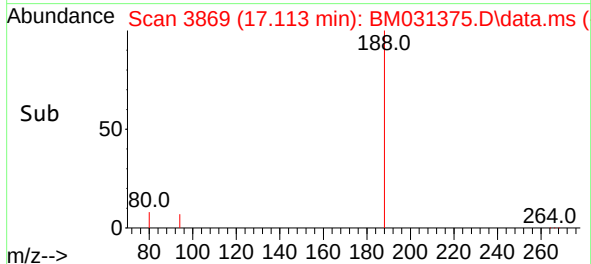


#16
 Anthracene
 Concen: 0.064 ng/ul
 RT: 17.113 min Scan# 3869
 Delta R.T. 0.000 min
 Lab File: BM031375.D
 Acq: 02 Aug 2021 14:49

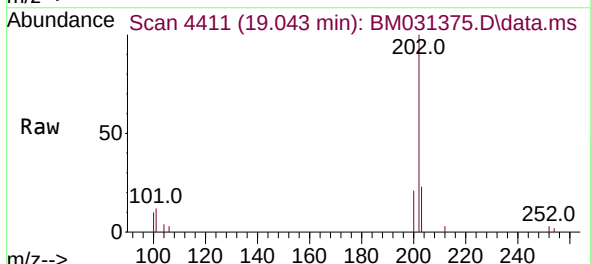
Instrument :
 BNA_M
 ClientSampleId :
 C0074



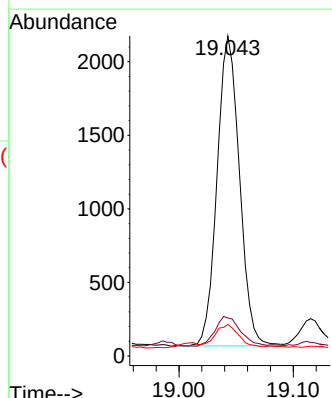
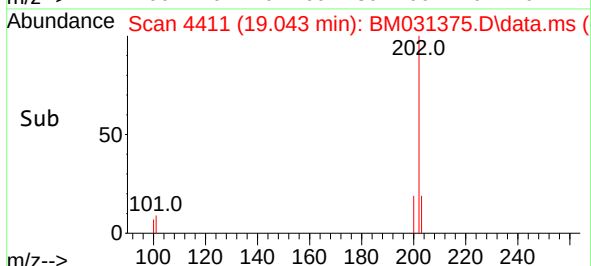
Tgt Ion:178 Resp: 1240
 Ion Ratio Lower Upper
 178 100
 179 21.6 13.0 19.6#
 176 23.2 15.6 23.4

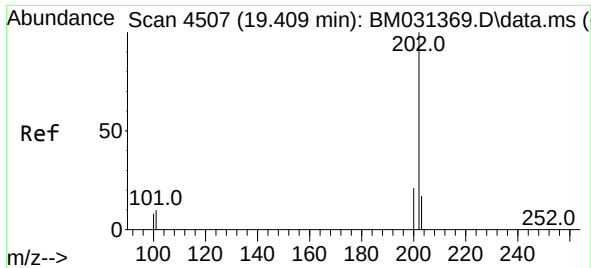


#19
 Fluoranthene
 Concen: 0.139 ng/ul
 RT: 19.043 min Scan# 4411
 Delta R.T. 0.000 min
 Lab File: BM031375.D
 Acq: 02 Aug 2021 14:49



Tgt Ion:202 Resp: 2865
 Ion Ratio Lower Upper
 202 100
 101 11.9 6.6 10.0#
 100 9.8 5.4 8.0#

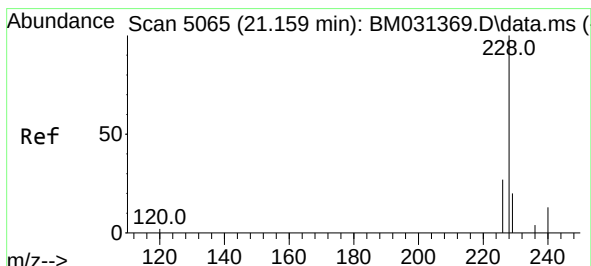
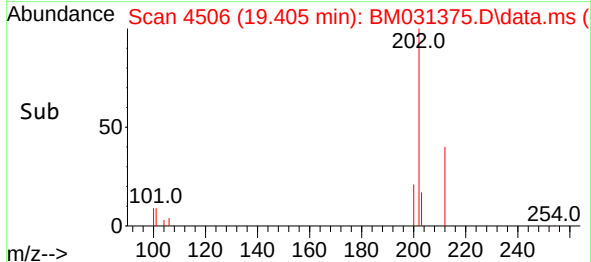
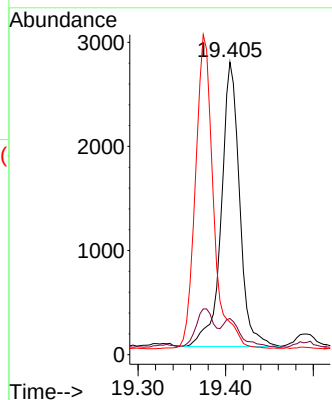
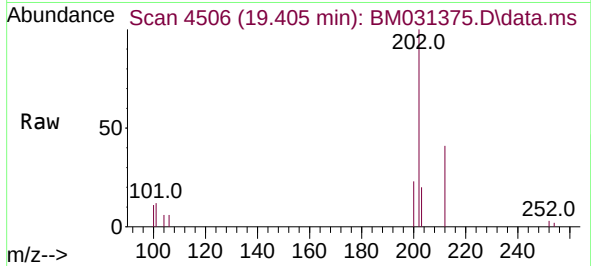




#20
Pyrene
Concen: 0.191 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

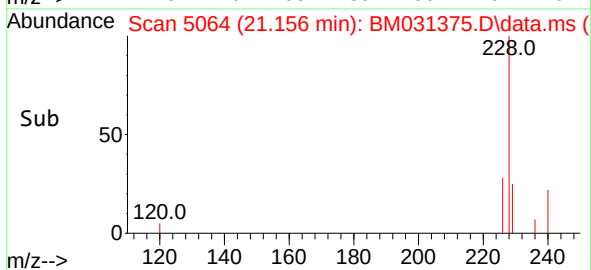
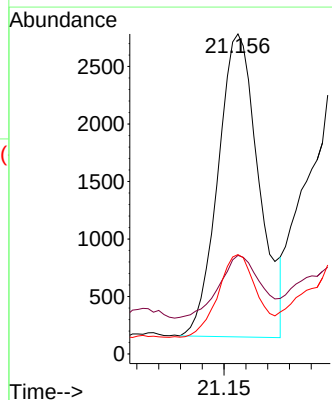
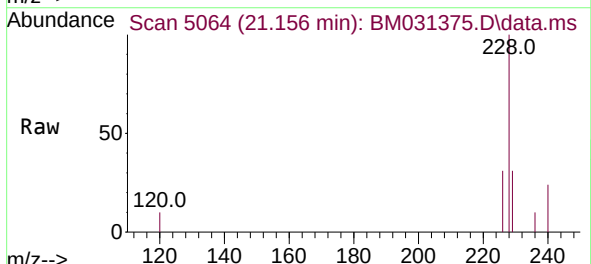
Instrument :
BNA_M
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C0074

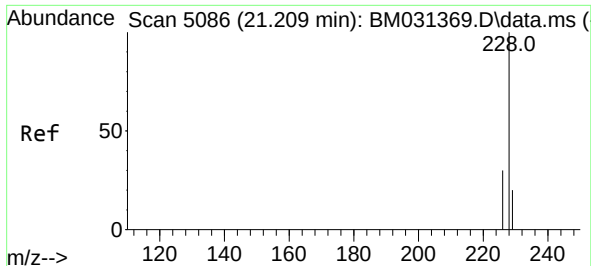
Tgt Ion:202	Resp:	3981
Ion Ratio	Lower	Upper
202	100	
101	12.4	7.8 11.6#
100	11.1	6.6 10.0#



#21
Benzo(a)anthracene
Concen: 0.176 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.002 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

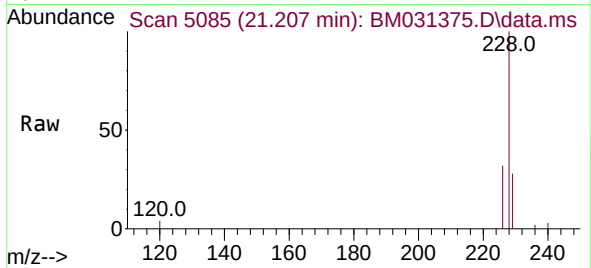
Tgt Ion:228	Resp:	3428
Ion Ratio	Lower	Upper
228	100	
229	30.8	15.6 23.4#
226	31.0	21.7 32.5



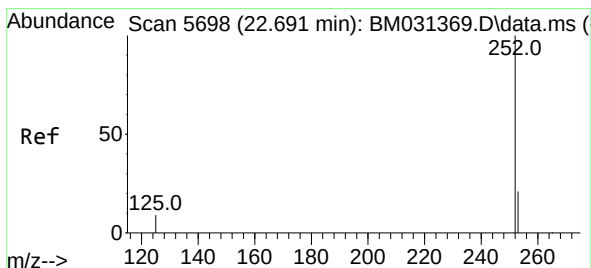
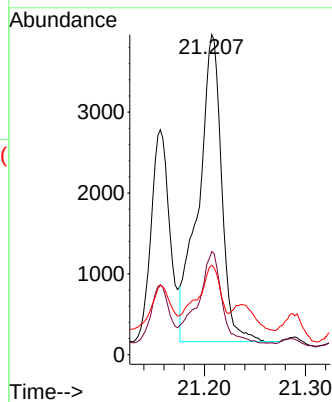
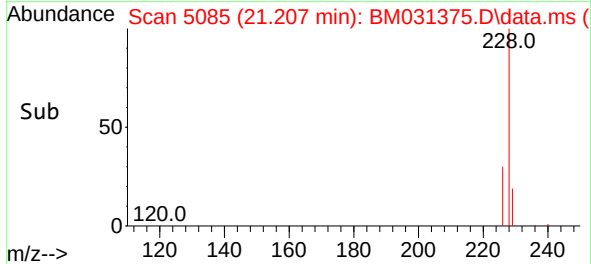


#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.002 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

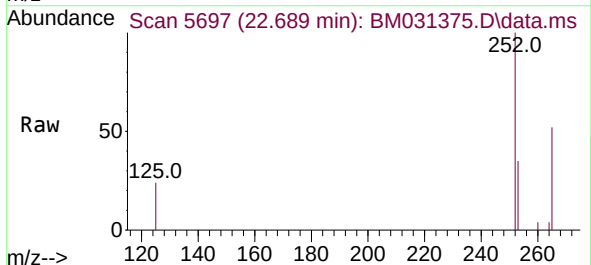
Instrument :
BNA_M
ClientSampled :
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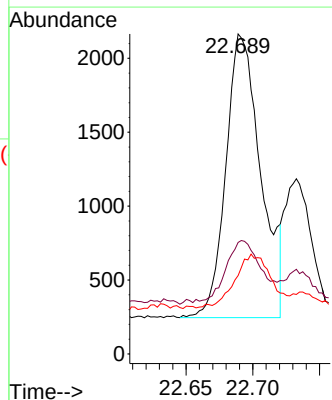
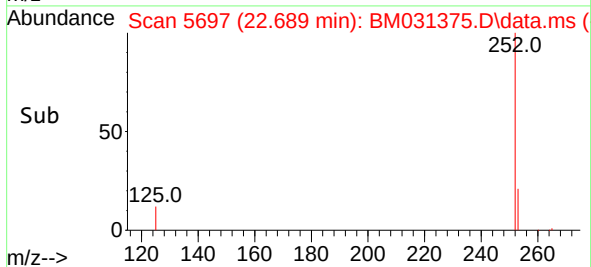
Tgt Ion:228	Resp: 6038
Ion Ratio	Lower Upper
228	100
226	32.2 24.7 37.1
229	28.0 16.2 24.2#

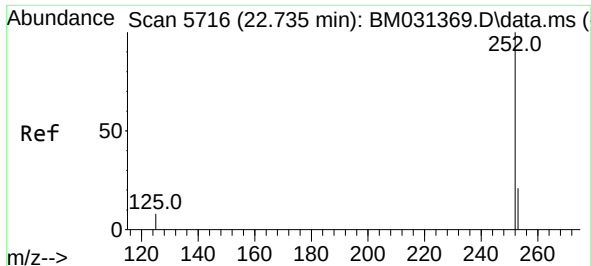


#24
Benzo(b)fluoranthene
Concen: 0.167 ng/ul
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49



Tgt Ion:252	Resp: 3489
Ion Ratio	Lower Upper
252	100
253	34.9 0.0 53.0
125	24.5 0.0 22.8#

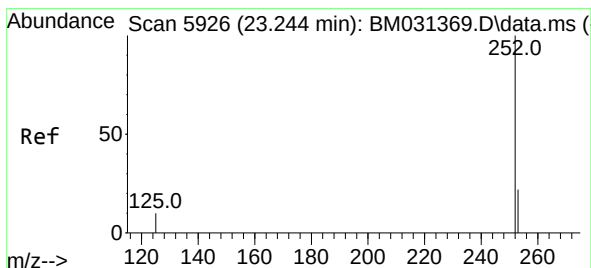
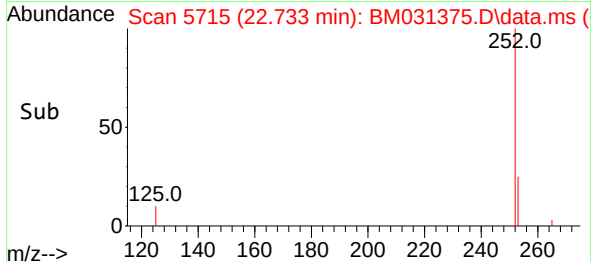
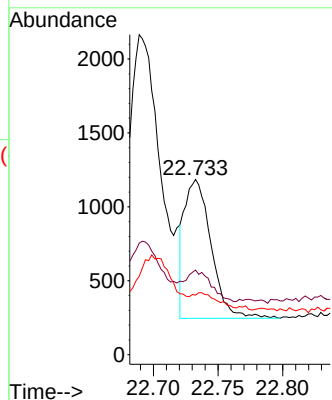
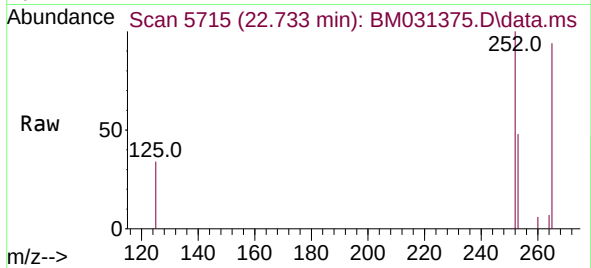




#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 22.733 min Scan# 5715
Delta R.T. -0.002 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

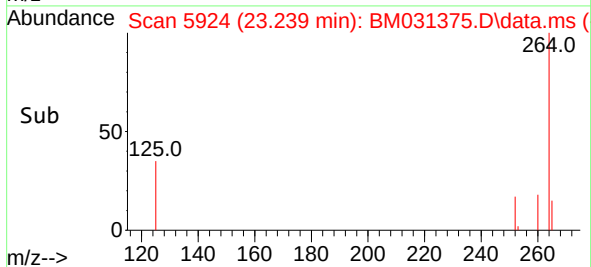
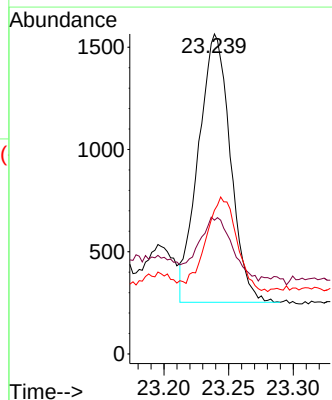
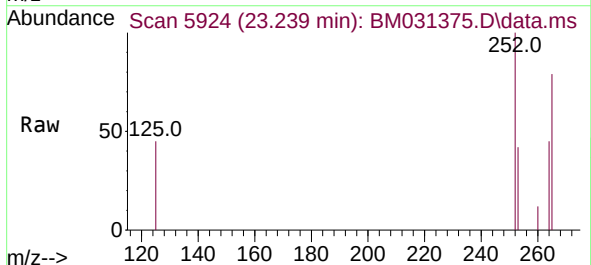
Instrument :
BNA_M
ClientSampled :
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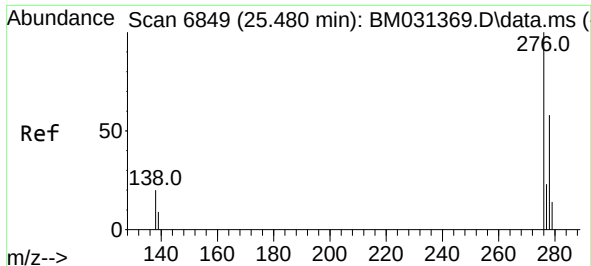
Tgt Ion:252 Resp: 1342
Ion Ratio Lower Upper
252 100
253 48.4 21.3 31.9#
125 34.0 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.005 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

Tgt Ion:252 Resp: 2254
Ion Ratio Lower Upper
252 100
253 41.8 22.4 33.6#
125 44.9 13.0 19.4#

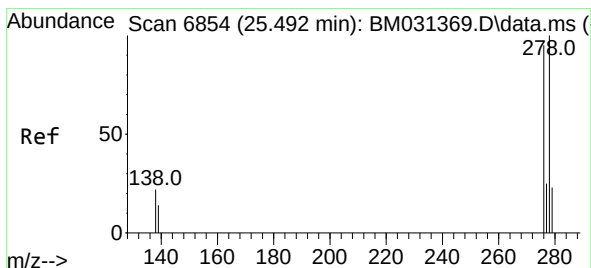
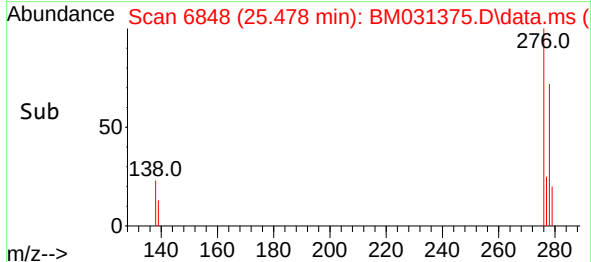
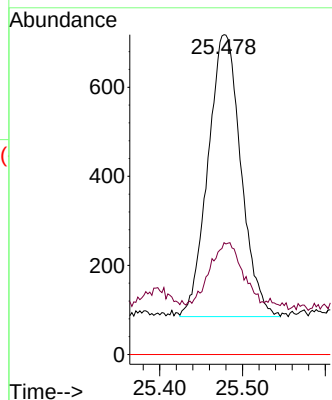
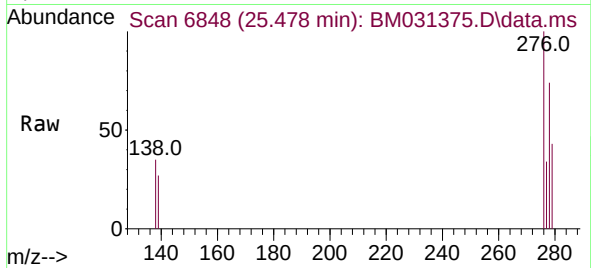




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.002 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

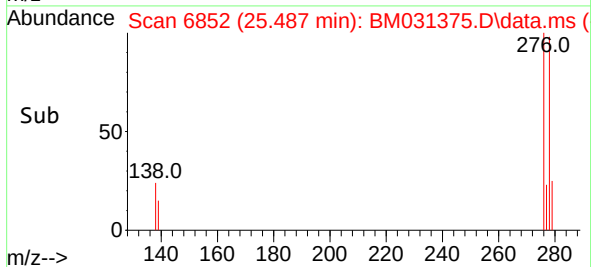
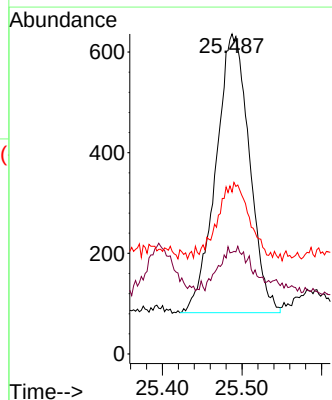
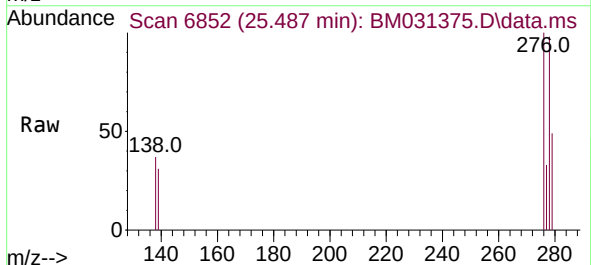
Instrument :
BNA_M
ClientSampleId :
C0074

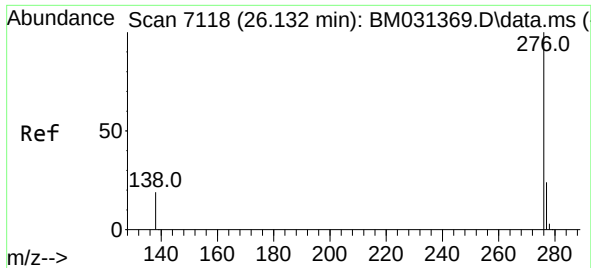
Tgt Ion:276 Resp: 1752
Ion Ratio Lower Upper
276 100
138 27.5 15.8 23.8#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.005 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

Tgt Ion:278 Resp: 1620
Ion Ratio Lower Upper
278 100
139 31.8 13.3 19.9#
279 50.6 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.064 ng/ul
RT: 26.129 min Scan# 7117
Delta R.T. -0.002 min
Lab File: BM031375.D
Acq: 02 Aug 2021 14:49

Instrument :
BNA_M
ClientSampleId :
C0074

Tgt Ion:276 Resp: 1297
Ion Ratio Lower Upper
276 100
138 34.1 15.4 23.2#
277 38.8 19.9 29.9#

