

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033810.D
 Acq On : 21 Jan 2022 04:28
 Operator : CG/JU
 Sample : N1199-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F14

Quant Time: Jan 21 05:08:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

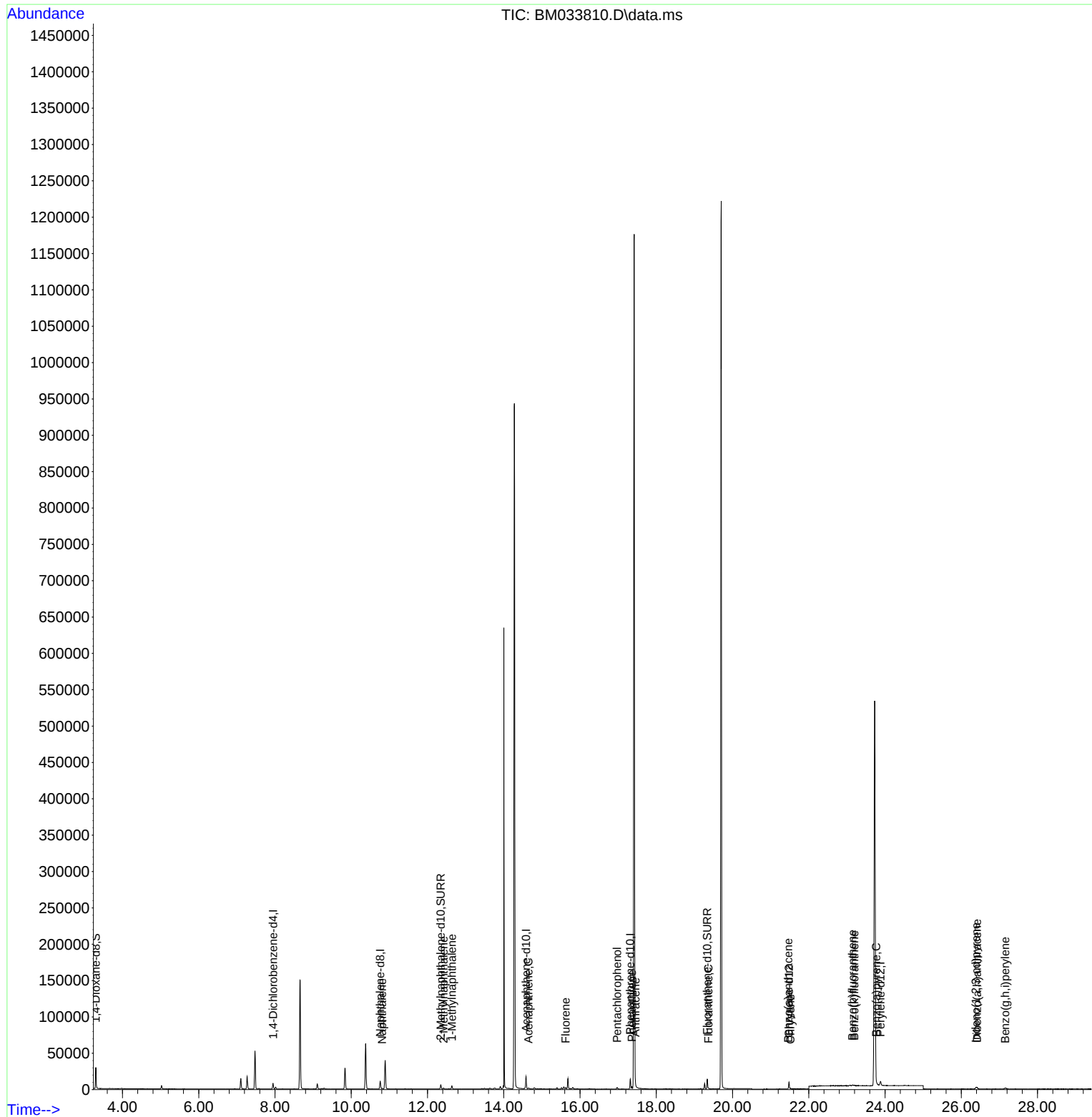
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	13945	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	8552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	15511	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	8522	0.400	ng/ul #	0.00
23) Perylene-d12	23.880	264	8087	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16900	4.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	7470	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	14134	0.535	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.810	128	884	0.022	ng/ul#	88
7) 2-Methylnaphthalene	12.420	142	945	0.036	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	2985	0.117	ng/ul	100
11) Acenaphthene	14.648	153	792	0.025	ng/ul	98
12) Fluorene	15.626	166	1124	0.030	ng/ul#	95
14) Pentachlorophenol	16.972	266	1602	0.262	ng/ul	99
15) Phenanthrene	17.361	178	3688	0.073	ng/ul	97
16) Anthracene	17.451	178	991	0.022	ng/ul#	84
19) Fluoranthene	19.368	202	1078	0.027	ng/ul#	75
21) Benzo(a)anthracene	21.465	228	749	0.021	ng/ul#	75
22) Chrysene	21.518	228	760	0.021	ng/ul#	79
24) Benzo(b)fluoranthene	23.146	252	1301	0.037	ng/ul#	1
25) Benzo(k)fluoranthene	23.194	252	1136	0.033	ng/ul#	4
26) Benzo(a)pyrene	23.773	252	898	0.029	ng/ul#	3
27) Indeno(1,2,3-cd)pyrene	26.387	276	3465	0.086	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.412	278	2557	0.080	ng/ul#	63
29) Benzo(g,h,i)perylene	27.155	276	3131	0.091	ng/ul#	81

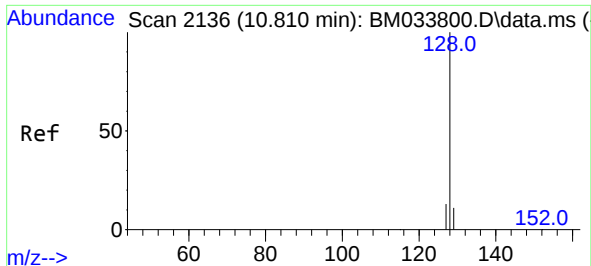
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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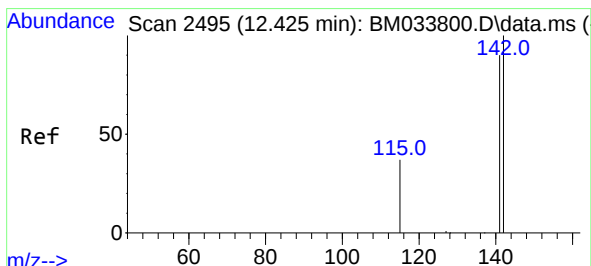
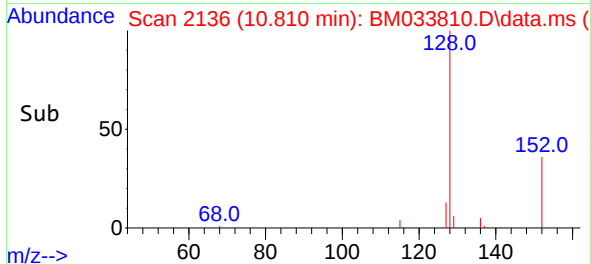
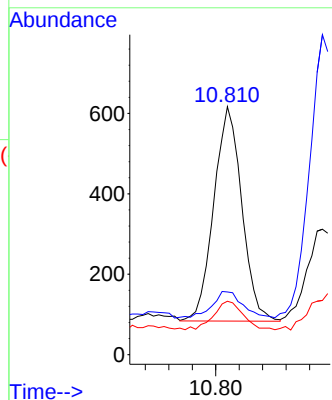
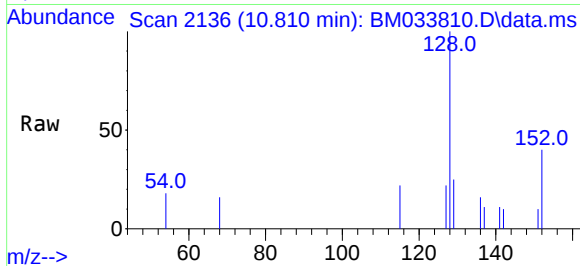




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.810 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

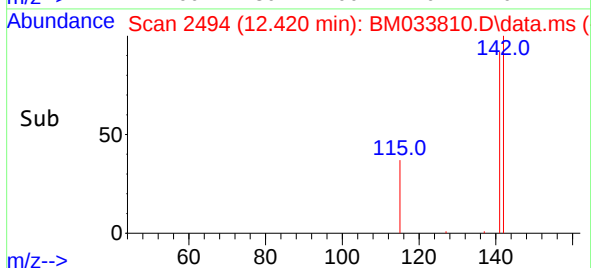
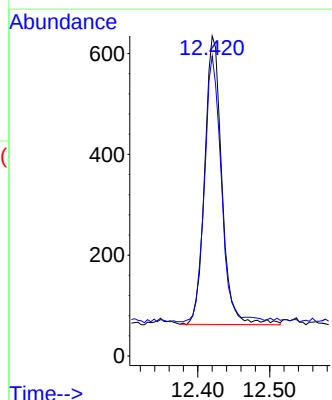
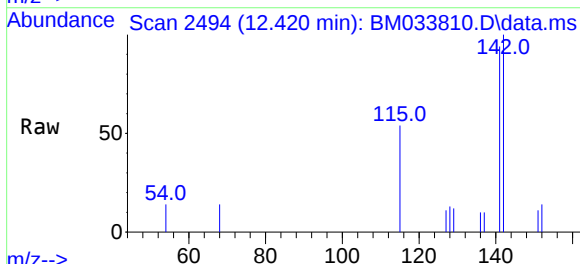
Instrument :
BNA_M
ClientSampleId :
C0F14

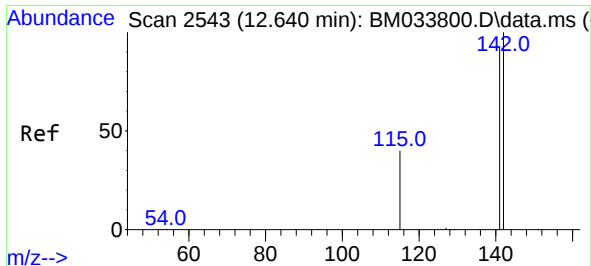
Tgt Ion:128 Resp: 884
Ion Ratio Lower Upper
128 100
129 25.3 13.4 20.2#
127 21.6 15.2 22.8



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:142 Resp: 945
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6

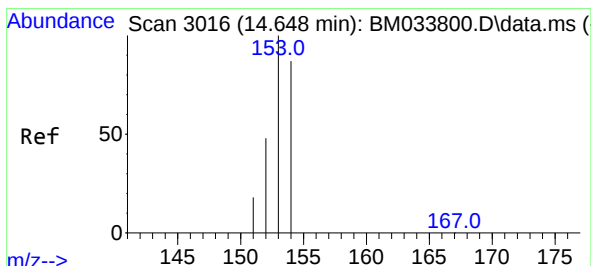
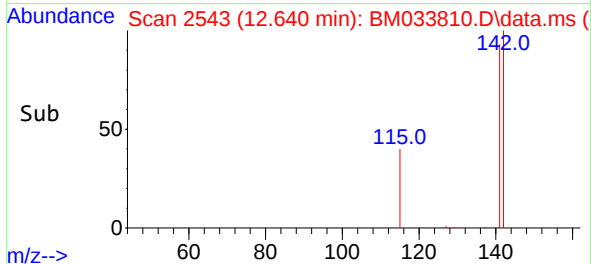
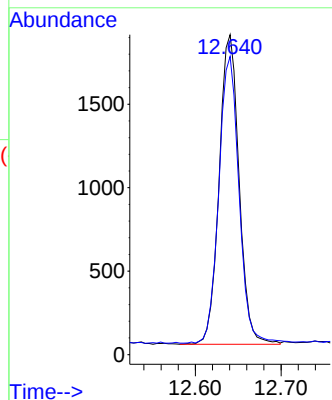
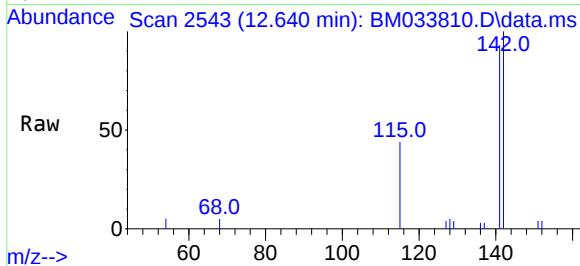




#8
1-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.640 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

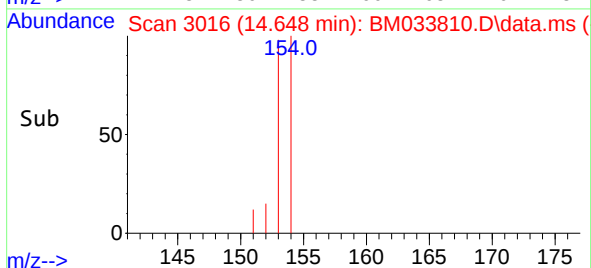
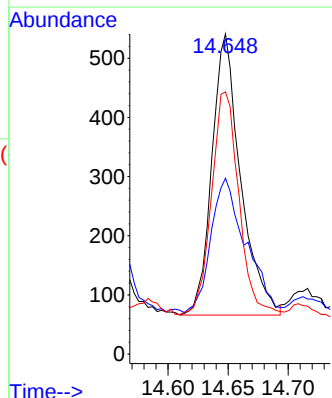
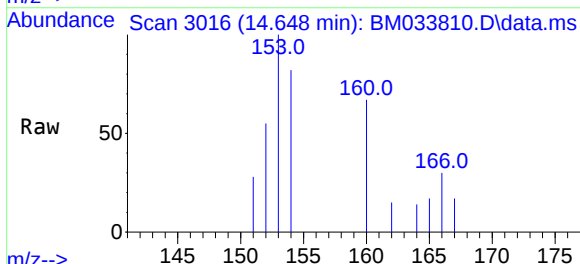
Instrument :
BNA_M
ClientSampleId :
C0F14

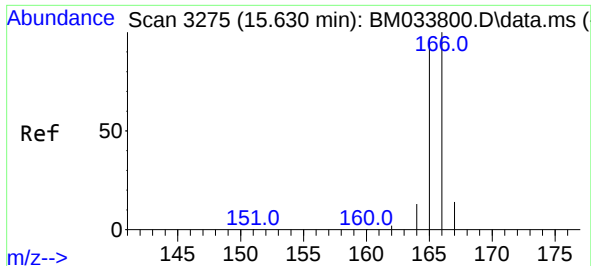
Tgt Ion:142 Resp: 2985
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:153 Resp: 792
Ion Ratio Lower Upper
153 100
152 54.9 42.4 63.6
154 81.9 66.2 99.2

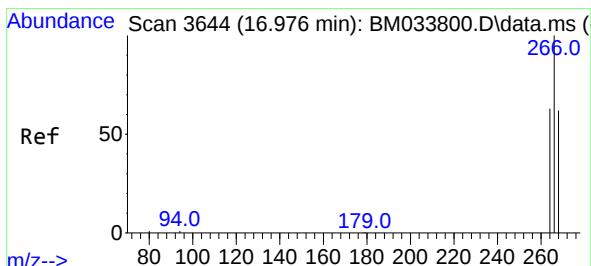
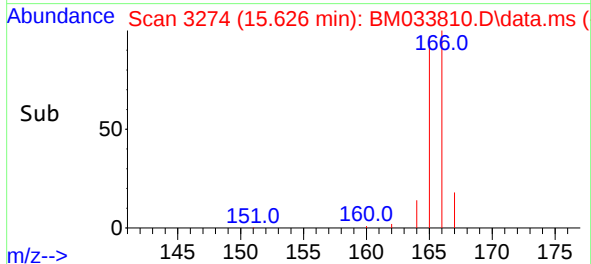
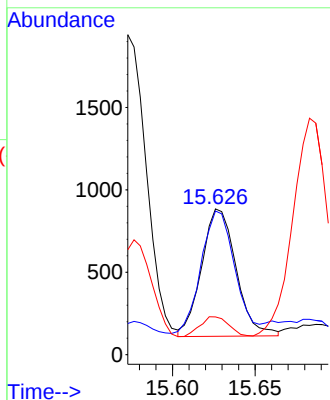
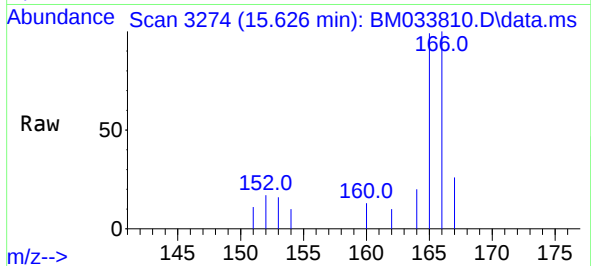




#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.626 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

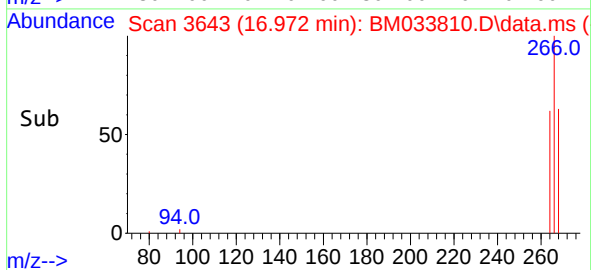
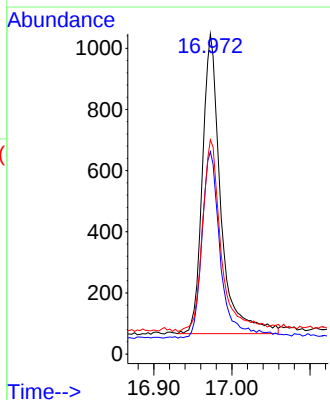
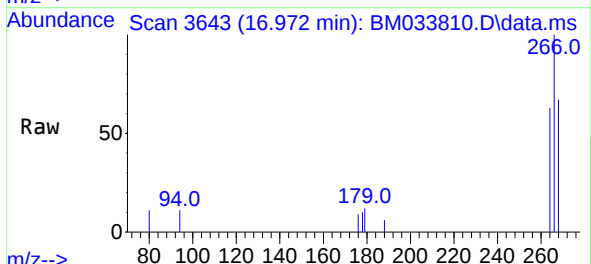
Instrument :
BNA_M
ClientSampleId :
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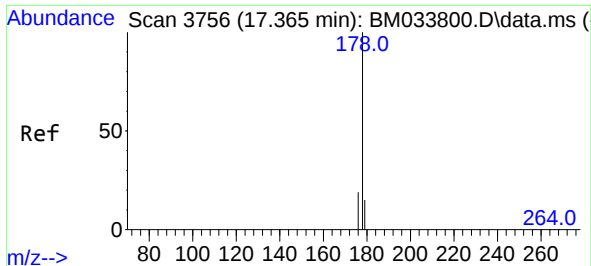
Tgt Ion:166 Resp: 1124
Ion Ratio Lower Upper
166 100
165 98.5 81.1 121.7
167 25.9 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.262 ng/ul
RT: 16.972 min Scan# 3643
Delta R.T. -0.003 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:266 Resp: 1602
Ion Ratio Lower Upper
266 100
264 63.6 51.4 77.0
268 65.7 53.1 79.7

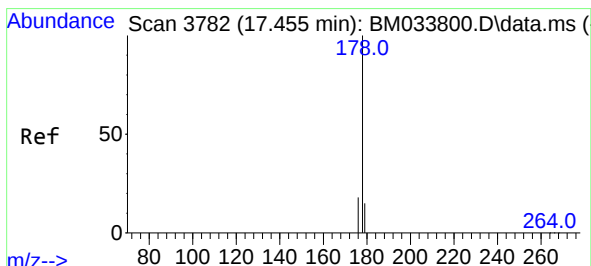
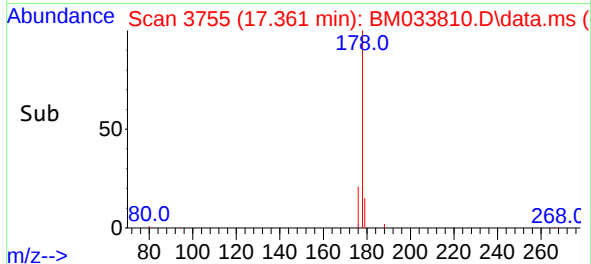
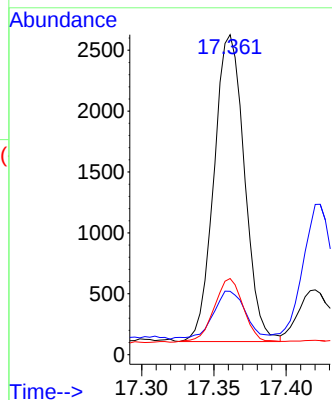
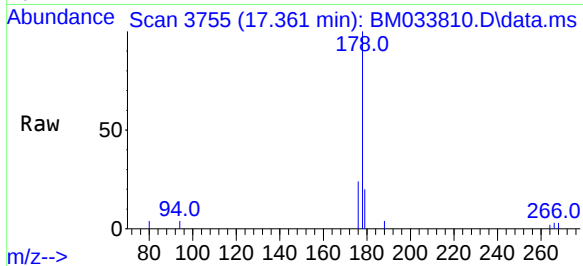




#15
Phenanthrene
Concen: 0.073 ng/u1
RT: 17.361 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

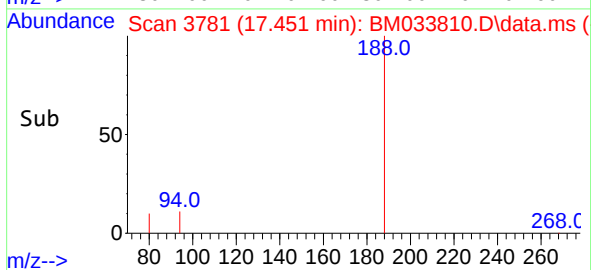
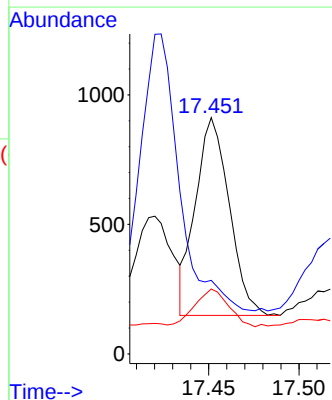
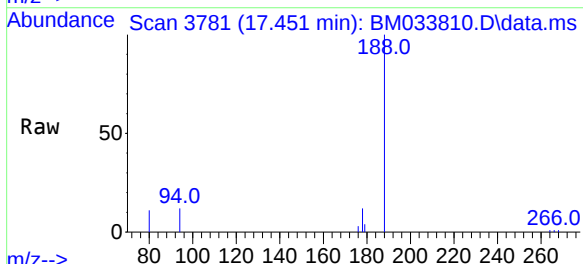
Instrument :
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ClientSampleId :
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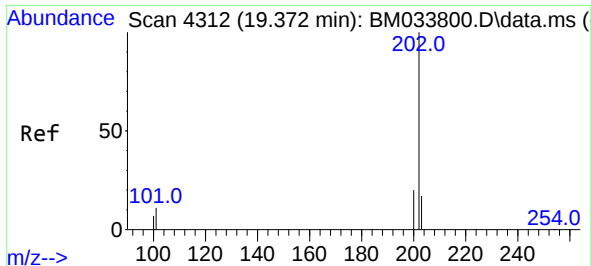
Tgt Ion:	178	Resp:	3688
Ion	Ratio	Lower	Upper
178	100		
179	19.8	15.0	22.6
176	23.8	17.9	26.9



#16
Anthracene
Concen: 0.022 ng/u1
RT: 17.451 min Scan# 3781
Delta R.T. -0.003 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:	178	Resp:	991
Ion	Ratio	Lower	Upper
178	100		
179	31.1	16.5	24.7#
176	27.5	18.3	27.5#

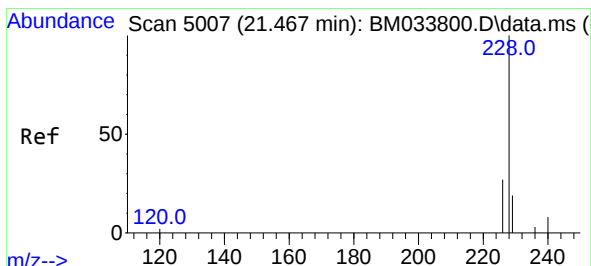
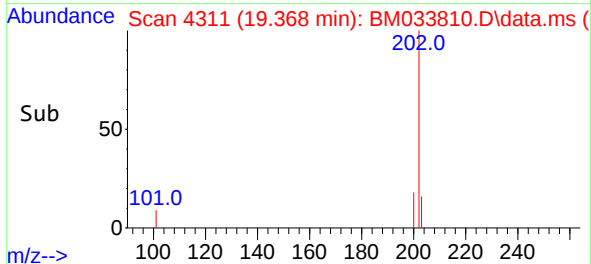
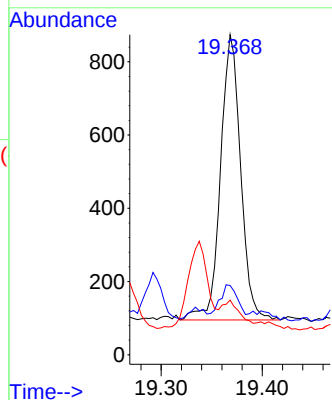
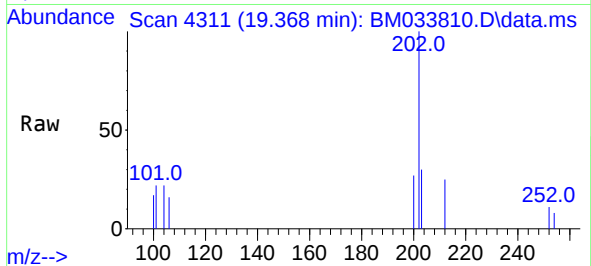




#19
Fluoranthene
Concen: 0.027 ng/ul
RT: 19.368 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

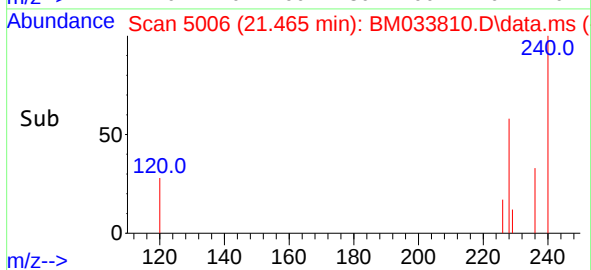
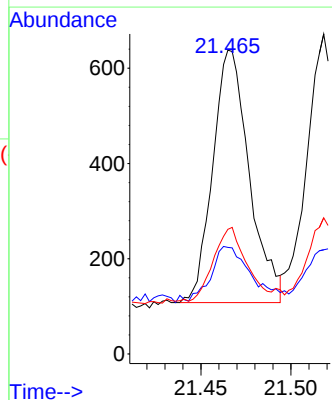
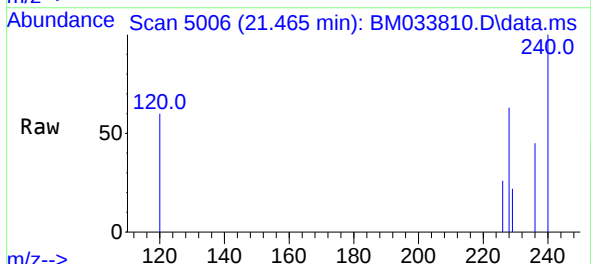
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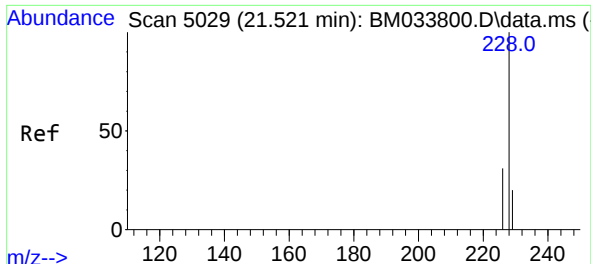
Tgt Ion:202 Resp: 1078
Ion Ratio Lower Upper
202 100
101 21.6 9.2 13.8#
100 17.0 7.2 10.8#



#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.005 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

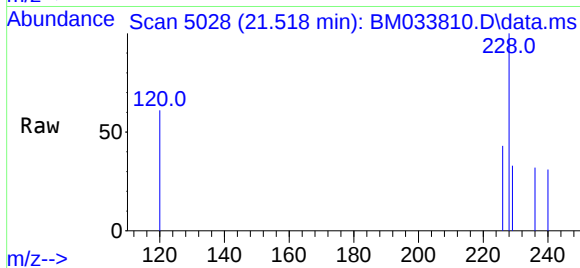
Tgt Ion:228 Resp: 749
Ion Ratio Lower Upper
228 100
229 35.1 17.3 25.9#
226 41.1 23.2 34.8#



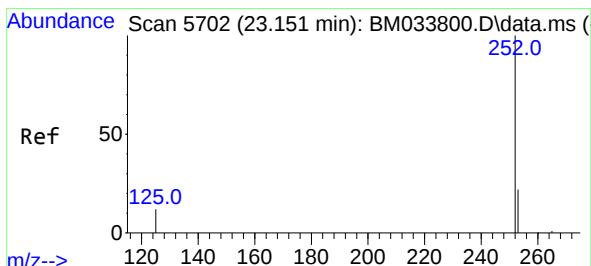
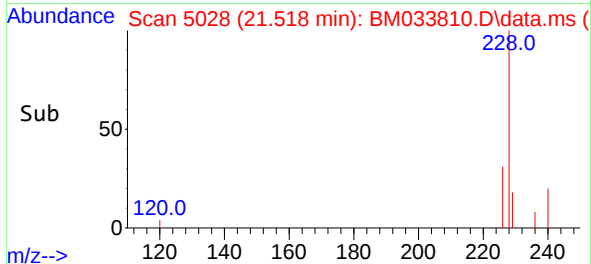
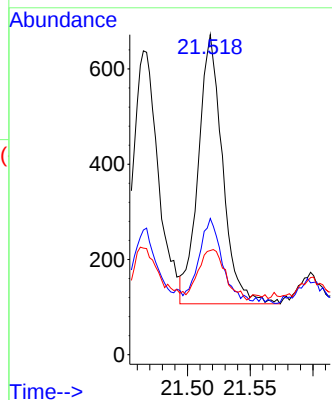


#22
Chrysene
Concen: 0.021 ng/ul
RT: 21.518 min Scan# 5029
Delta R.T. -0.005 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Instrument :
BNA_M
ClientSampleId :
C0F14

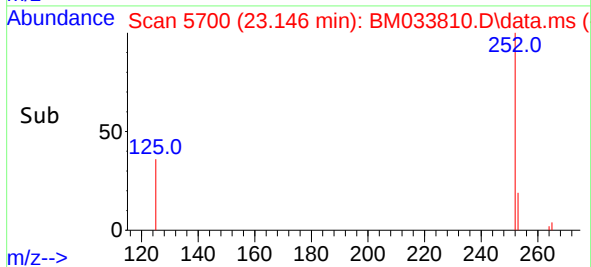
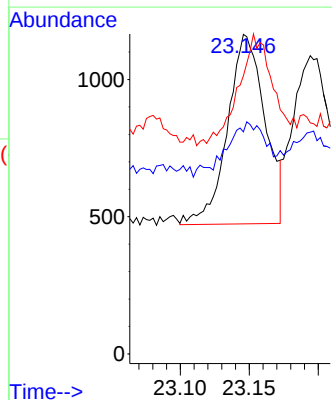
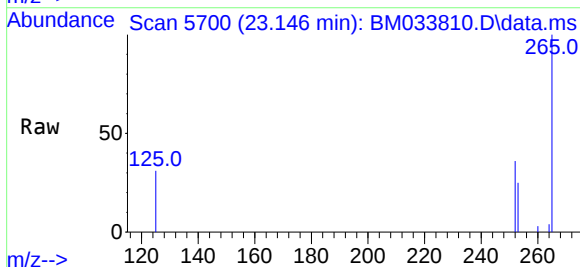


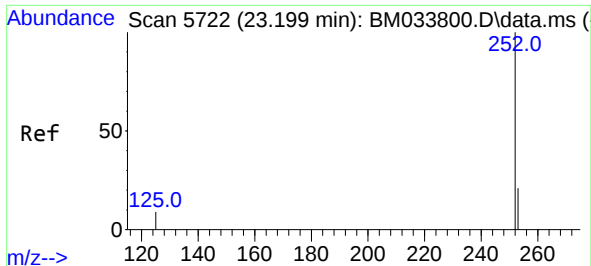
Tgt Ion:228 Resp: 760
Ion Ratio Lower Upper
228 100
226 42.6 25.8 38.8#
229 32.6 16.7 25.1#



#24
Benzo(b)fluoranthene
Concen: 0.037 ng/ul
RT: 23.146 min Scan# 5700
Delta R.T. -0.007 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:252 Resp: 1301
Ion Ratio Lower Upper
252 100
253 69.5 0.0 64.2#
125 87.0 0.0 28.8#

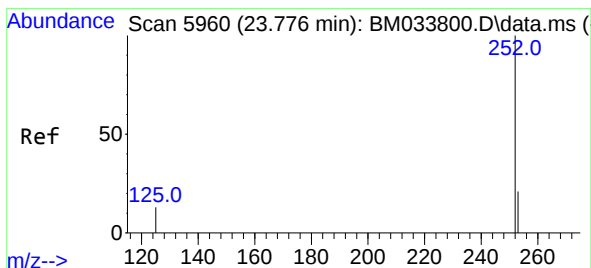
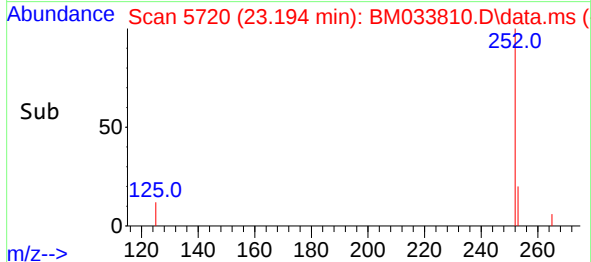
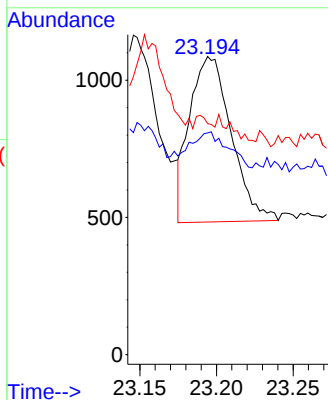
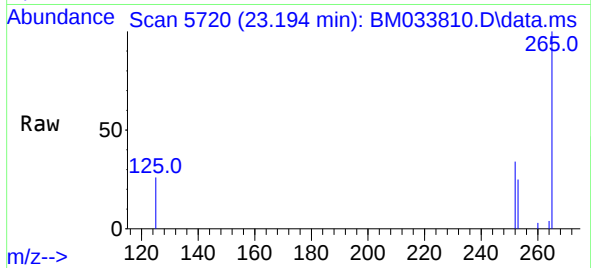




#25
Benzo(k)fluoranthene
Concen: 0.033 ng/u1
RT: 23.194 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

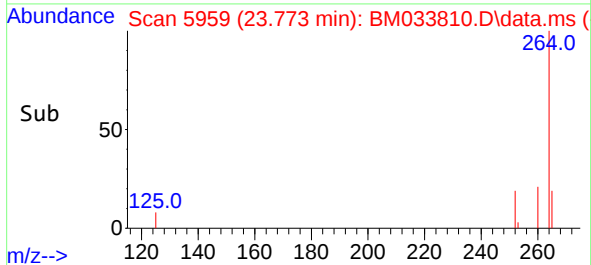
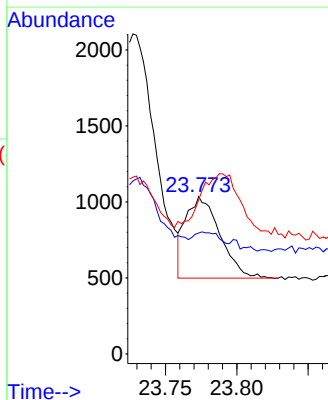
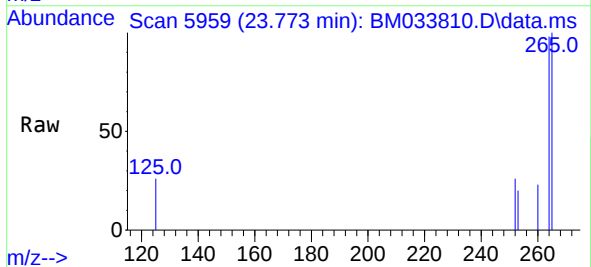
Instrument :
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ClientSampleId :
C0F14

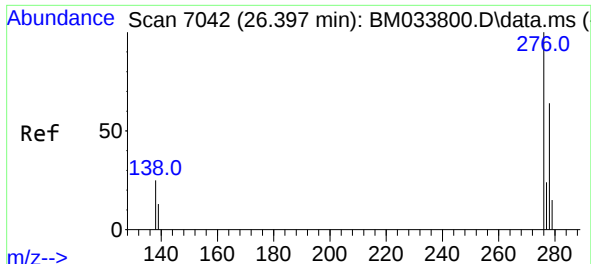
Tgt Ion:252 Resp: 1136
Ion Ratio Lower Upper
252 100
253 74.3 26.8 40.2#
125 77.5 12.0 18.0#



#26
Benzo(a)pyrene
Concen: 0.029 ng/u1
RT: 23.773 min Scan# 5959
Delta R.T. -0.007 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:252 Resp: 898
Ion Ratio Lower Upper
252 100
253 76.8 32.0 48.0#
125 97.9 14.5 21.7#

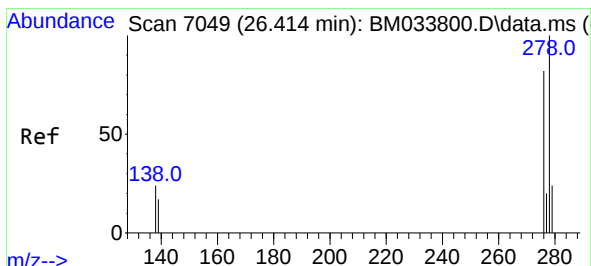
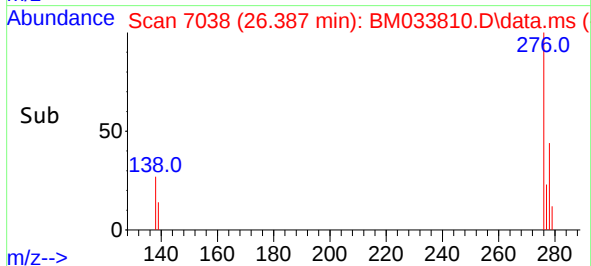
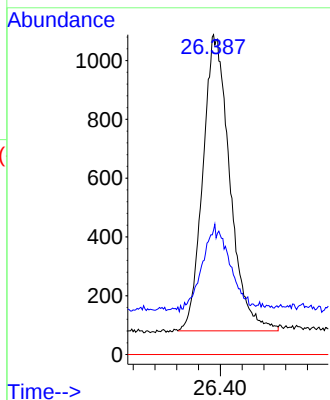
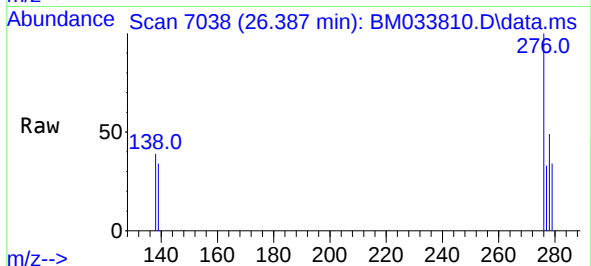




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.387 min Scan# 7042
Delta R.T. -0.010 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

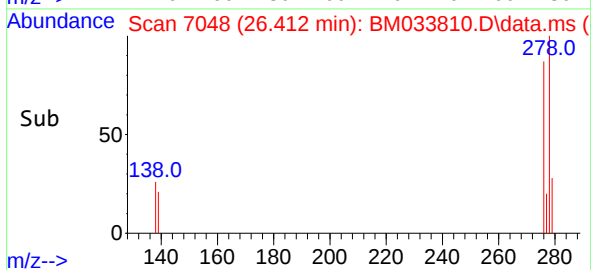
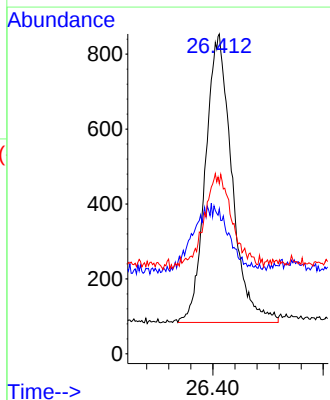
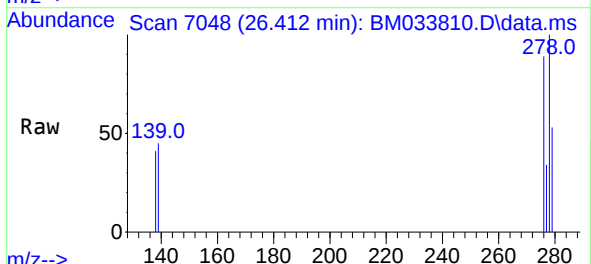
Instrument :
BNA_M
ClientSampleId :
C0F14

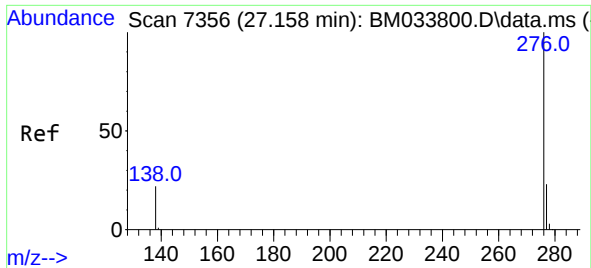
Tgt Ion:276 Resp: 3465
Ion Ratio Lower Upper
276 100
138 30.6 15.8 23.6#
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.412 min Scan# 7048
Delta R.T. -0.007 min
Lab File: BM033810.D
Acq: 21 Jan 2022 04:28

Tgt Ion:278 Resp: 2557
Ion Ratio Lower Upper
278 100
139 45.3 18.0 27.0#
279 53.2 28.6 42.8#





#29

Benzo(g,h,i)perylene

Concen: 0.091 ng/ul

RT: 27.155 min Scan# 71

Delta R.T. -0.012 min

Lab File: BM033810.D

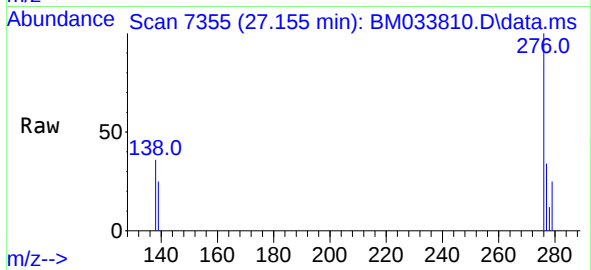
Acq: 21 Jan 2022 04:28

Instrument :

BNA_M

ClientSampleId :

C0F14



Tgt Ion:	276	Resp:	3131
Ion	Ratio	Lower	Upper
276	100		
138	35.8	17.4	26.0#
277	33.6	22.6	33.8

