

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033826.D
 Acq On : 21 Jan 2022 16:31
 Operator : CG/JU
 Sample : N1199-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F14

Quant Time: Jan 22 00:06:17 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)

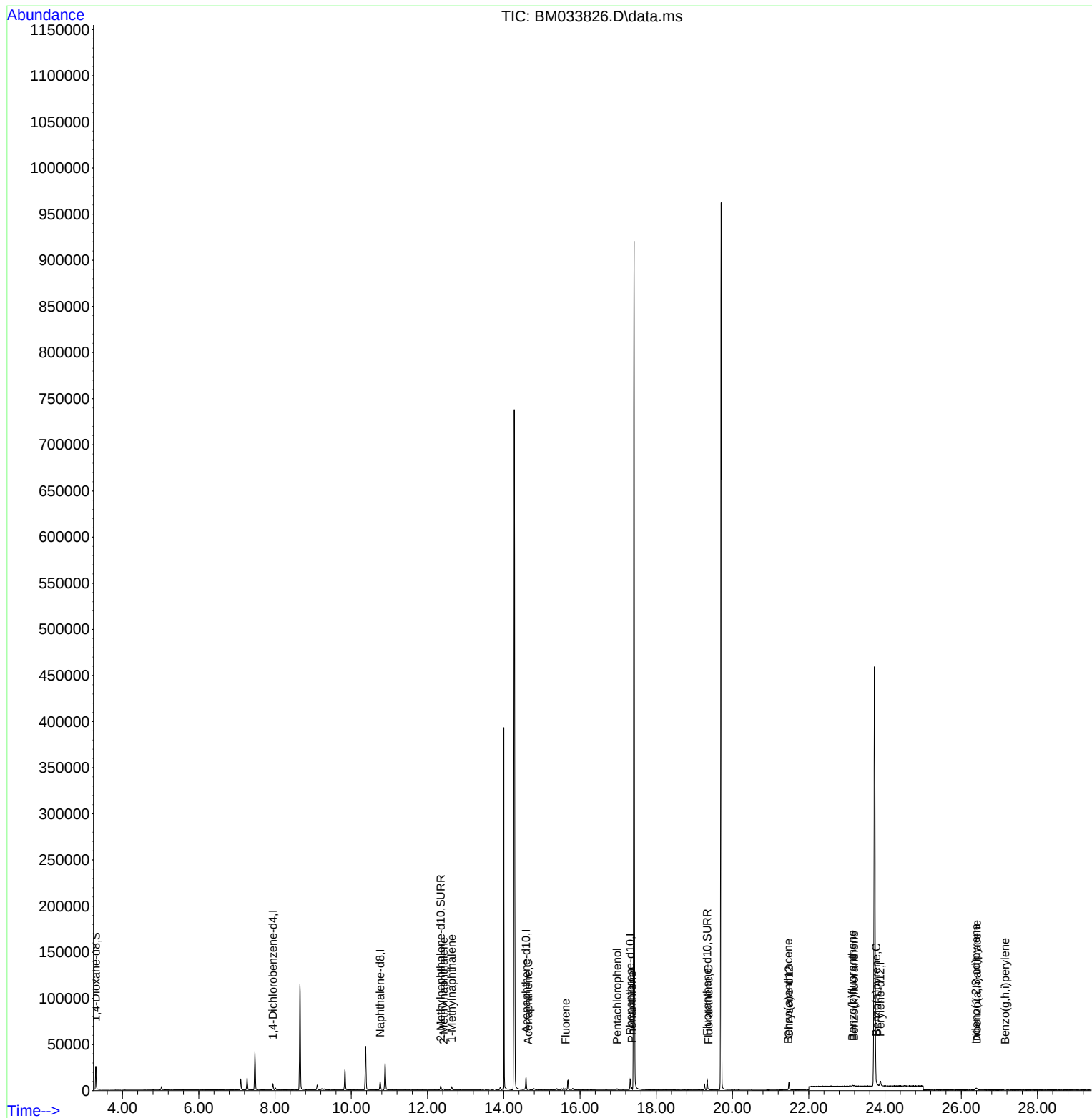
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3064	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	11693	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	7208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	13122	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	7243	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	7362	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	14703	4.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	5743	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	10753	0.479	ng/ul	0.00
Target Compounds						
						Qvalue
7) 2-Methylnaphthalene	12.420	142	730	0.034	ng/ul	98
8) 1-Methylnaphthalene	12.636	142	2302	0.108	ng/ul	99
11) Acenaphthene	14.644	153	600	0.023	ng/ul	93
12) Fluorene	15.626	166	853	0.027	ng/ul#	97
14) Pentachlorophenol	16.973	266	1007	0.194	ng/ul	96
15) Phenanthrene	17.358	178	2847	0.067	ng/ul	97
19) Fluoranthene	19.369	202	843	0.025	ng/ul#	71
21) Benzo(a)anthracene	21.465	228	612	0.020	ng/ul#	73
24) Benzo(b)fluoranthene	23.144	252	953	0.030	ng/ul#	1
25) Benzo(k)fluoranthene	23.192	252	868	0.027	ng/ul#	1
26) Benzo(a)pyrene	23.771	252	714	0.025	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.388	276	2825	0.077	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.407	278	1951	0.067	ng/ul#	59
29) Benzo(g,h,i)perylene	27.156	276	2493	0.079	ng/ul#	79

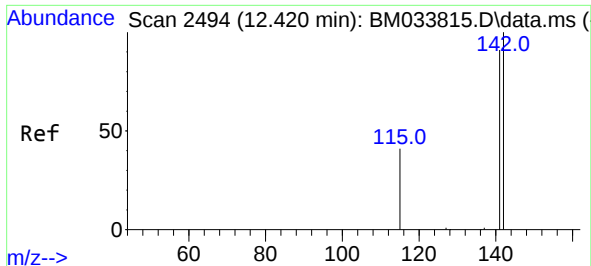
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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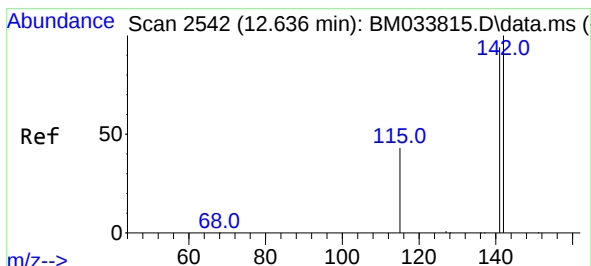
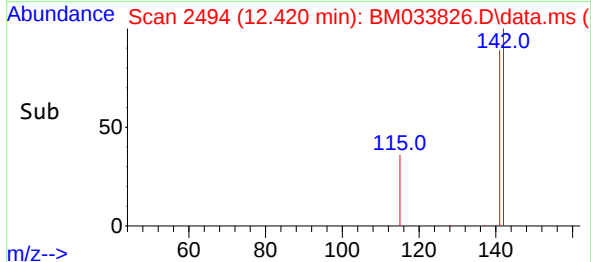
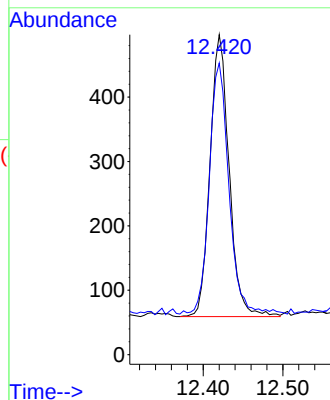
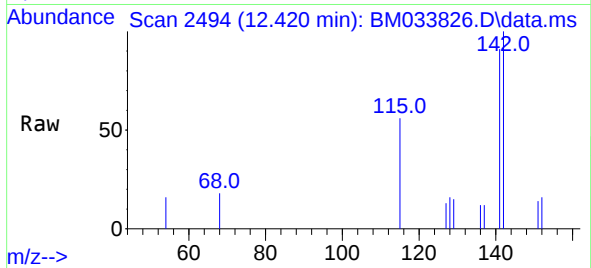




#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

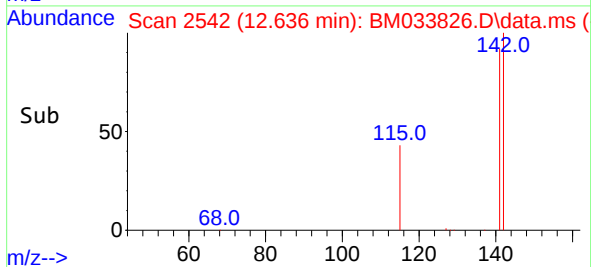
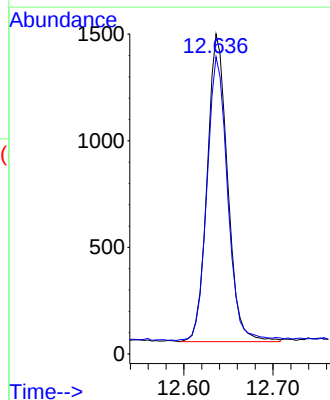
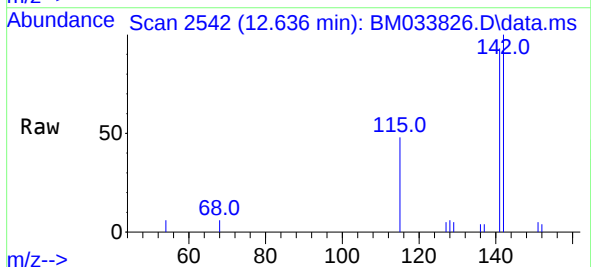
Instrument :
BNA_M
ClientSampleId :
C0F14

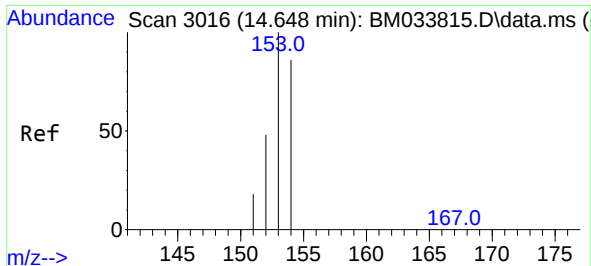
Tgt Ion:142 Resp: 730
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.636 min Scan# 2542
Delta R.T. -0.004 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:142 Resp: 2302
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

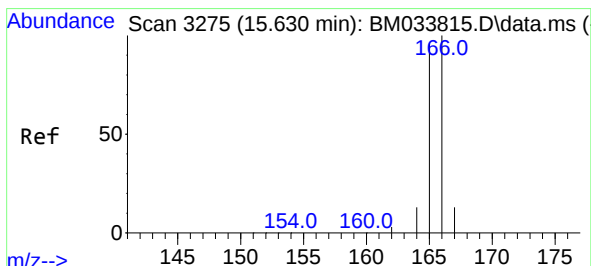
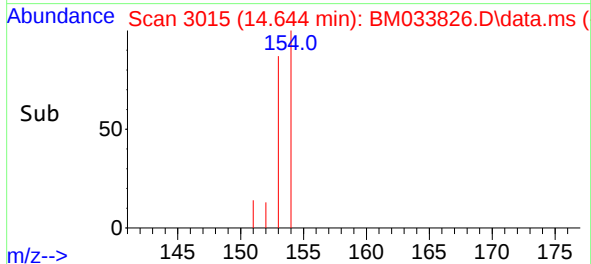
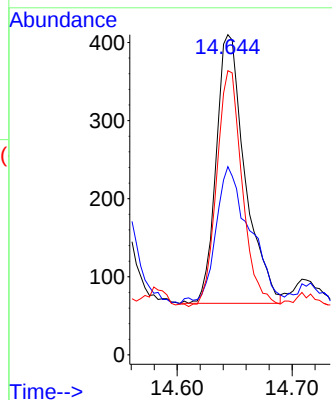
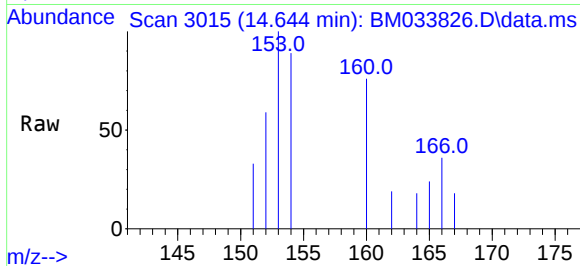




#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.644 min Scan# 3016
Delta R.T. -0.007 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

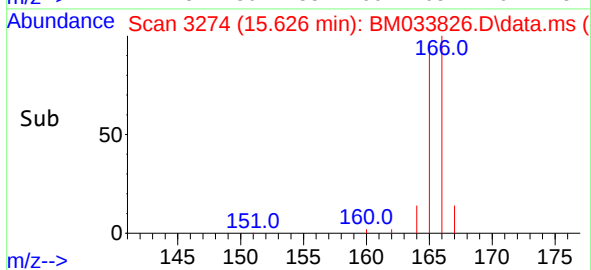
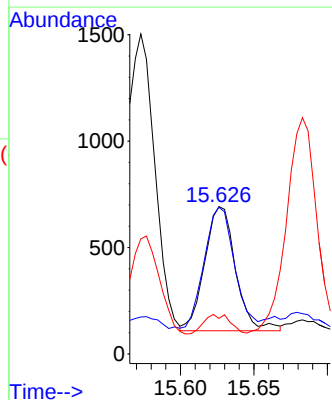
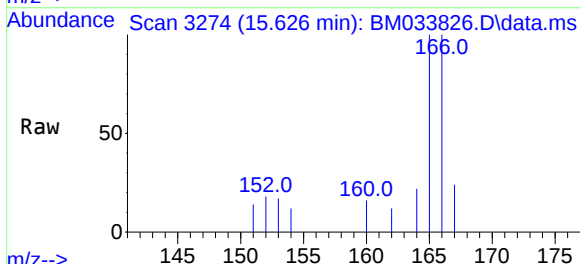
Instrument :
BNA_M
ClientSampleId :
C0F14

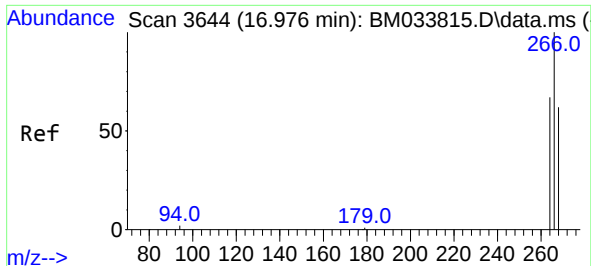
Tgt Ion:	153	Resp:	600
Ion	Ratio	Lower	Upper
153	100		
152	58.8	42.4	63.6
154	88.8	66.2	99.2



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.626 min Scan# 3274
Delta R.T. -0.004 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:	166	Resp:	853
Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.1	121.7
167	24.1	14.9	22.3

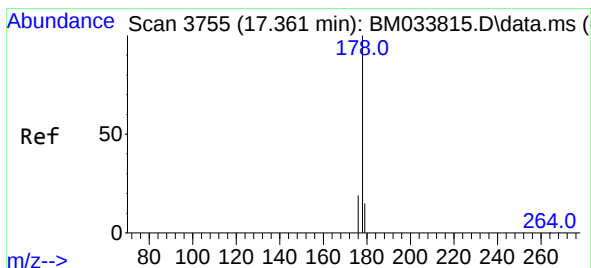
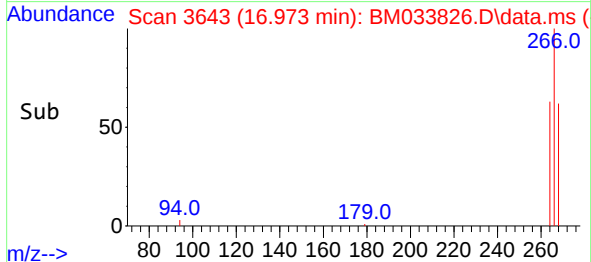
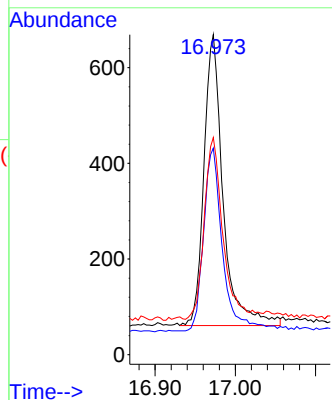
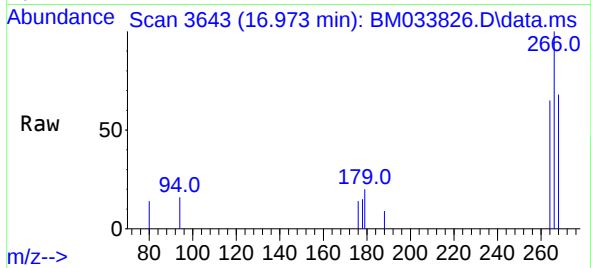




#14
Pentachlorophenol
Concen: 0.194 ng/ul
RT: 16.973 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

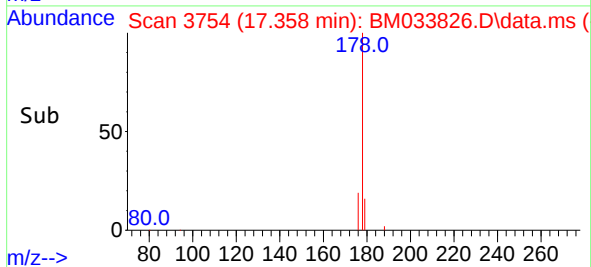
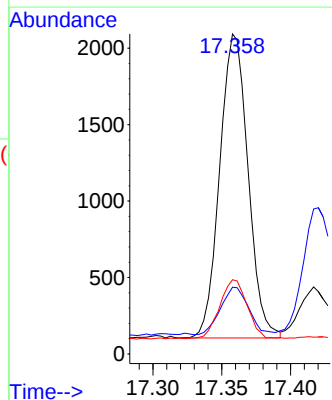
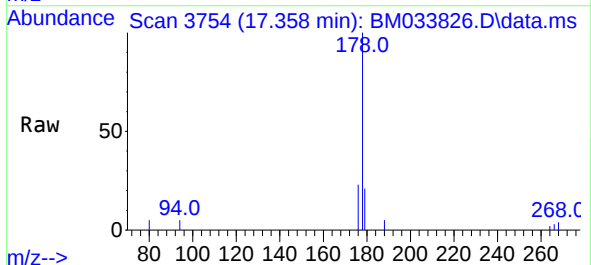
Instrument :
BNA_M
ClientSampleId :
C0F14

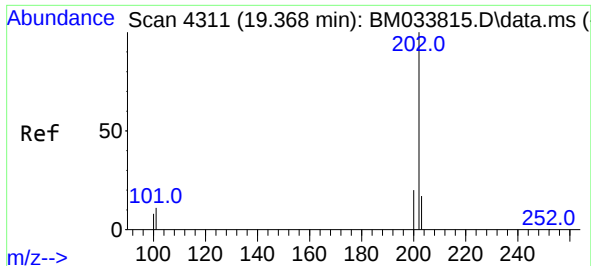
Tgt Ion:	266	Resp:	1007
Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.4	77.0
268	61.8	53.1	79.7



#15
Phenanthrene
Concen: 0.067 ng/ul
RT: 17.358 min Scan# 3754
Delta R.T. -0.007 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:	178	Resp:	2847
Ion	Ratio	Lower	Upper
178	100		
179	20.8	15.0	22.6
176	23.2	17.9	26.9

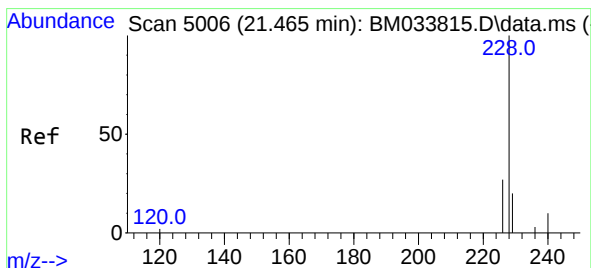
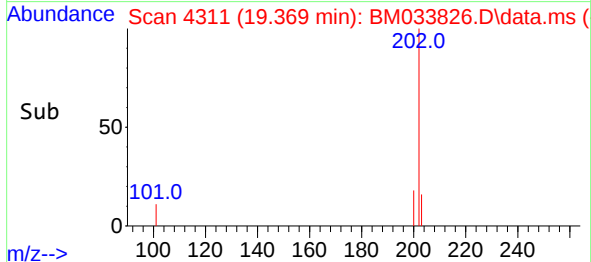
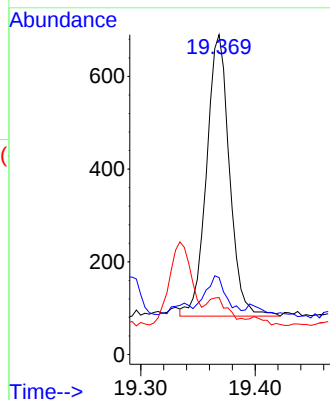
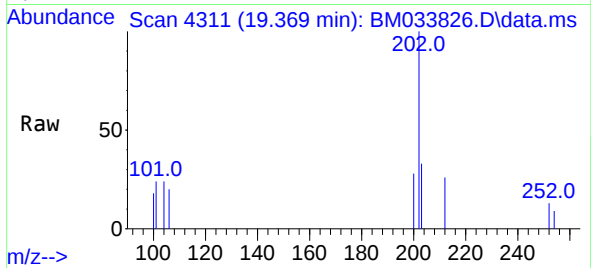




#19
Fluoranthene
Concen: 0.025 ng/ul
RT: 19.369 min Scan# 4311
Delta R.T. -0.003 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

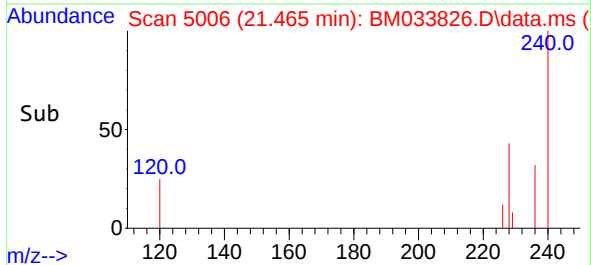
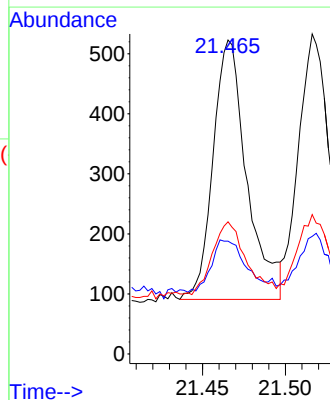
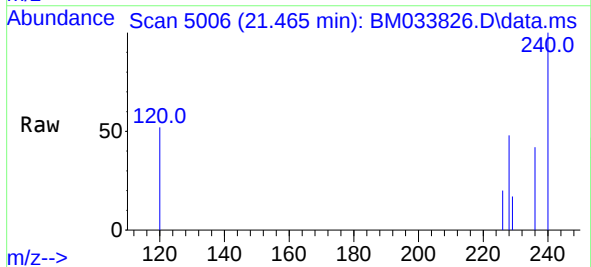
Instrument :
BNA_M
ClientSampleId :
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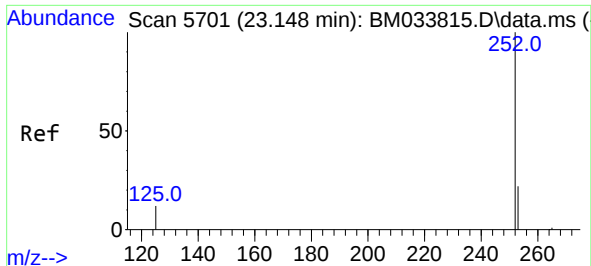
Tgt Ion:202 Resp: 843
Ion Ratio Lower Upper
202 100
101 24.1 9.2 13.8#
100 17.8 7.2 10.8#



#21
Benzo(a)anthracene
Concen: 0.020 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.004 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:228 Resp: 612
Ion Ratio Lower Upper
228 100
229 35.9 17.3 25.9#
226 42.1 23.2 34.8#

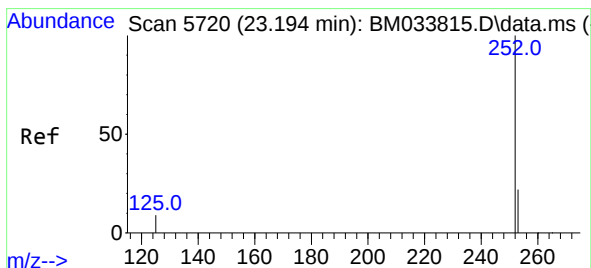
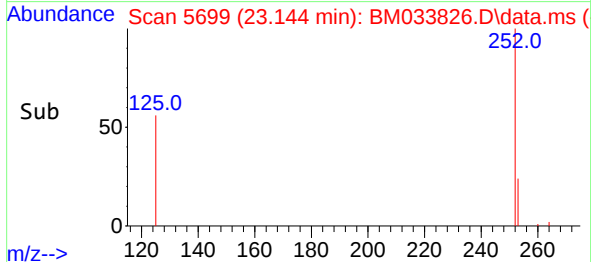
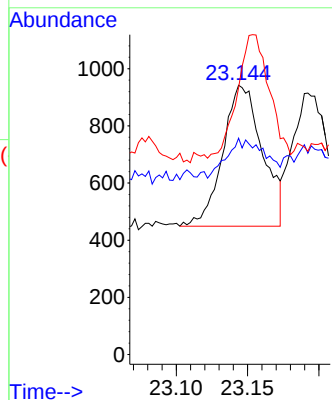
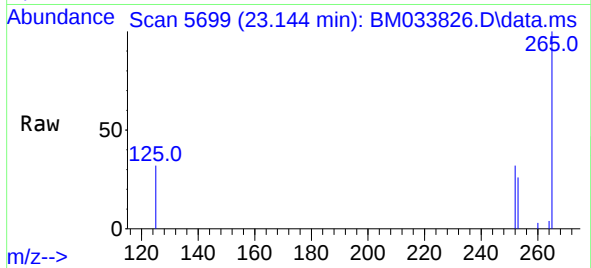




#24
Benzo(b)fluoranthene
Concen: 0.030 ng/ul
RT: 23.144 min Scan# 5701
Delta R.T. -0.009 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

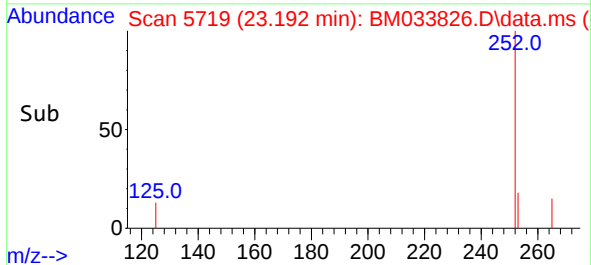
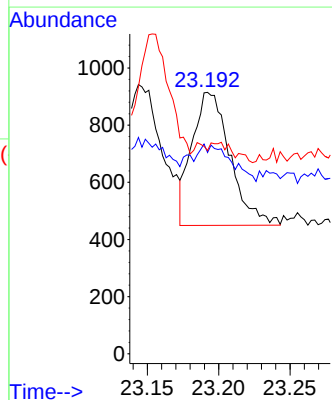
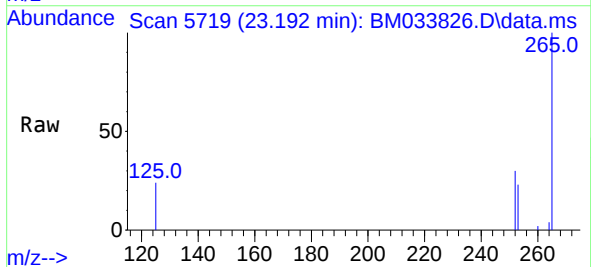
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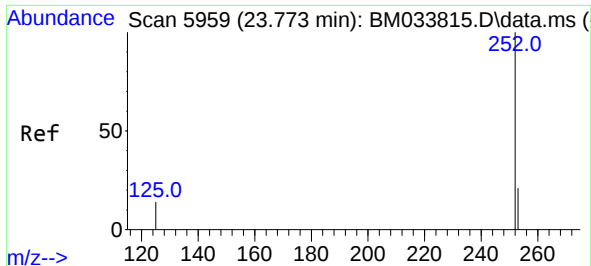
Tgt Ion:252 Resp: 953
Ion Ratio Lower Upper
252 100
253 80.4 0.0 64.2#
125 99.2 0.0 28.8#



#25
Benzo(k)fluoranthene
Concen: 0.027 ng/ul
RT: 23.192 min Scan# 5719
Delta R.T. -0.009 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:252 Resp: 868
Ion Ratio Lower Upper
252 100
253 76.9 26.8 40.2#
125 77.7 12.0 18.0#

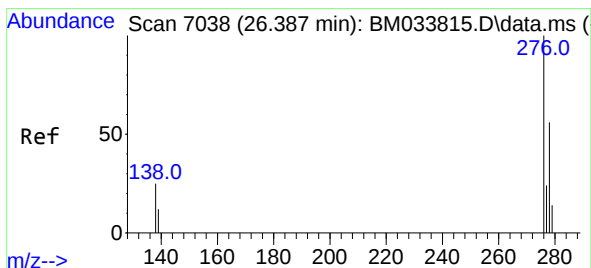
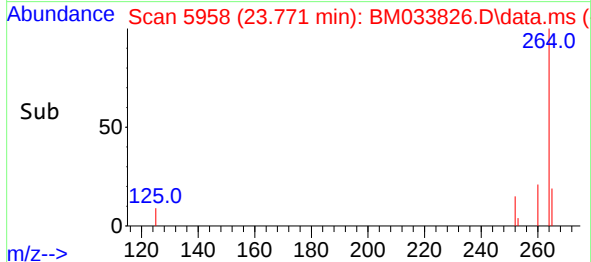
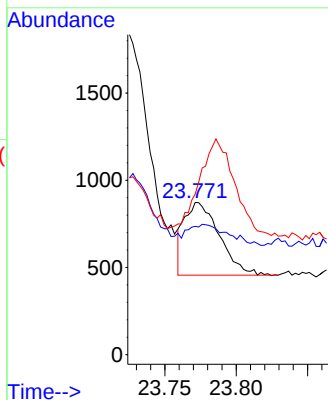
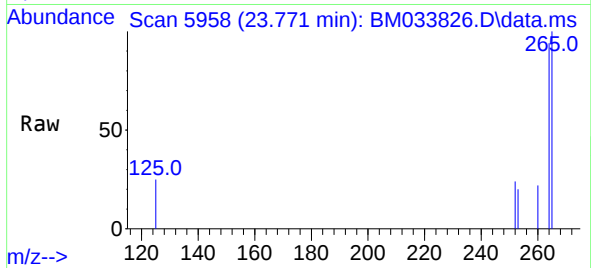




#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.771 min Scan# 5959
Delta R.T. -0.009 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

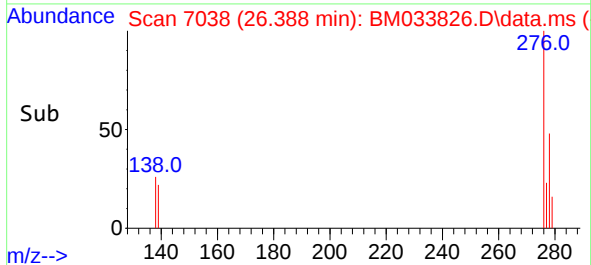
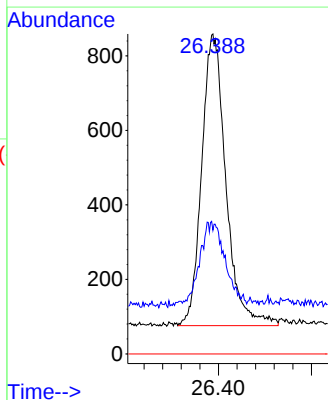
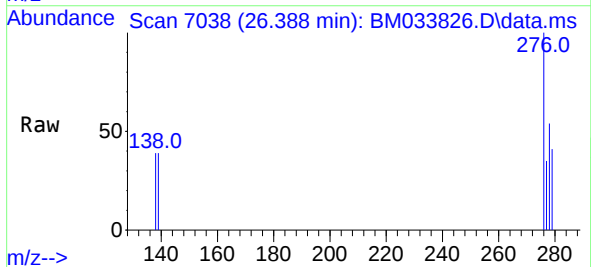
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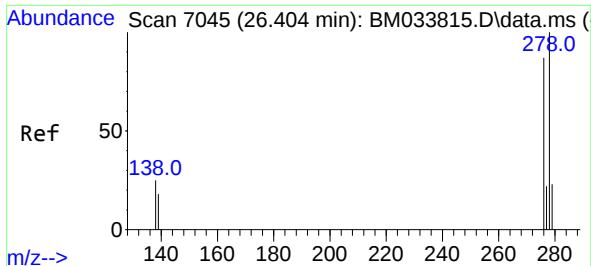
Tgt Ion:252 Resp: 714
Ion Ratio Lower Upper
252 100
253 84.3 32.0 48.0#
125 105.5 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 26.388 min Scan# 7038
Delta R.T. -0.009 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:276 Resp: 2825
Ion Ratio Lower Upper
276 100
138 30.4 15.8 23.6#
227 0.0 0.0 0.0

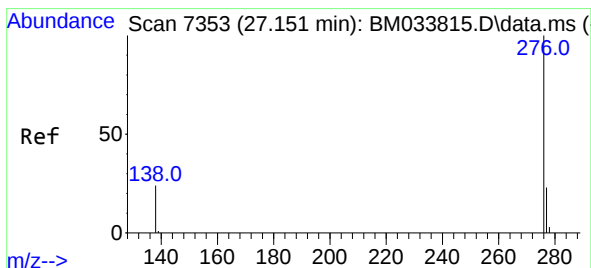
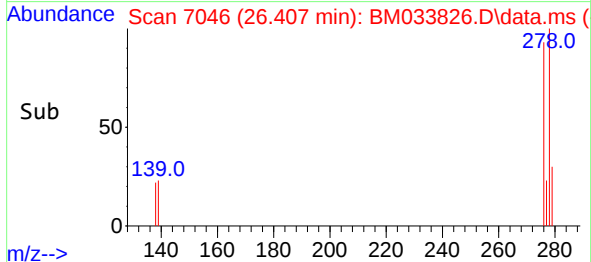
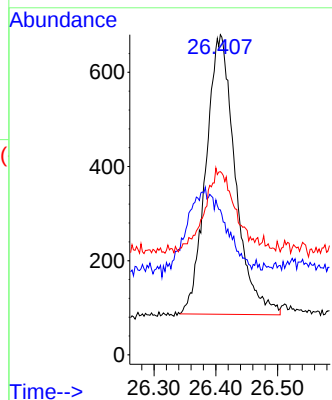
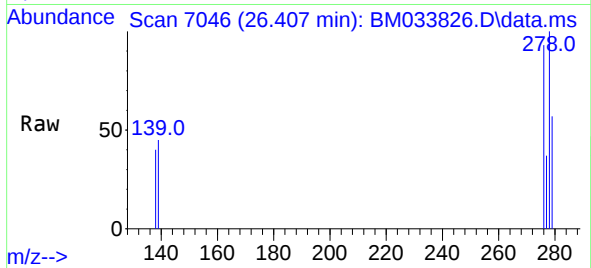




#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.407 min Scan# 7045
Delta R.T. -0.012 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Instrument :
BNA_M
ClientSampleId :
C0F14

Tgt Ion:278 Resp: 1951
Ion Ratio Lower Upper
278 100
139 45.3 18.0 27.0#
279 57.2 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 27.156 min Scan# 7355
Delta R.T. -0.012 min
Lab File: BM033826.D
Acq: 21 Jan 2022 16:31

Tgt Ion:276 Resp: 2493
Ion Ratio Lower Upper
276 100
138 36.6 17.4 26.0#
277 35.4 22.6 33.8#

