

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
 Data File : BM034847.D
 Acq On : 26 Apr 2022 21:28
 Operator : CG/JU
 Sample : N2475-12MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0BM8MSD

Quant Time: Apr 27 01:33:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

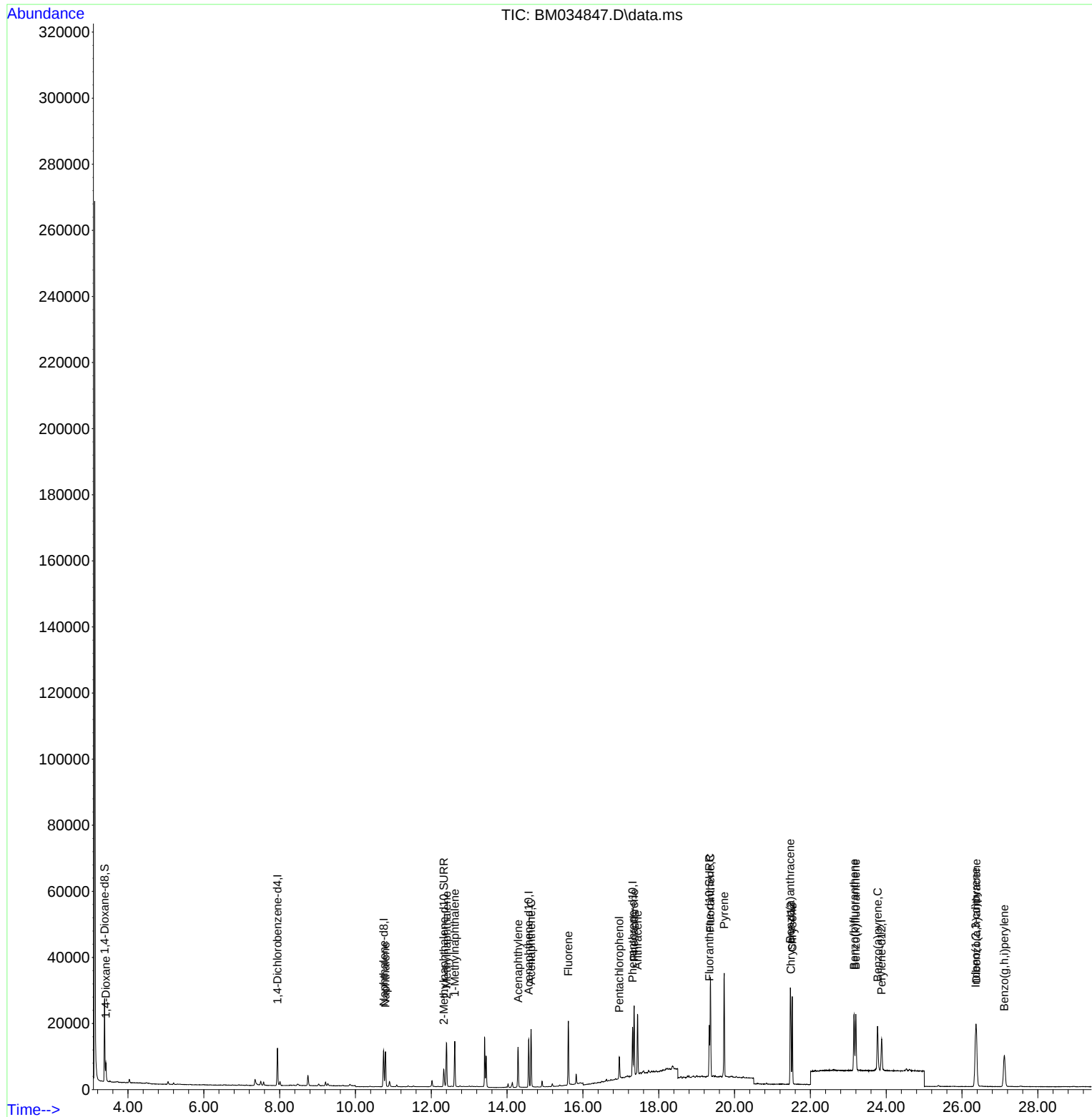
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	5666	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	14886	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	7883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16504	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	13071	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	13183	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	14560	2.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	6749	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	16523	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.415	88	3107	0.521	ng/ul#	81
5) Naphthalene	10.792	128	14529	0.341	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	9133	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8966	0.323	ng/ul	100
10) Acenaphthylene	14.288	152	13573	0.394	ng/ul#	90
11) Acenaphthene	14.631	153	9977	0.342	ng/ul	96
12) Fluorene	15.616	166	12046	0.367	ng/ul#	97
14) Pentachlorophenol	16.959	266	4222	0.862	ng/ul	98
15) Phenanthrene	17.351	178	21756	0.399	ng/ul	95
16) Anthracene	17.440	178	20135	0.414	ng/ul	97
19) Fluoranthene	19.364	202	25253	0.402	ng/ul	99
20) Pyrene	19.726	202	26135	0.415	ng/ul	98
21) Benzo(a)anthracene	21.471	228	21958	0.432	ng/ul	98
22) Chrysene	21.523	228	22169	0.409	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	22734	0.378	ng/ul	90
25) Benzo(k)fluoranthene	23.198	252	21968	0.365	ng/ul#	88
26) Benzo(a)pyrene	23.771	252	20619	0.420	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.356	276	25013	0.363	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.376	278	20403	0.364	ng/ul#	90
29) Benzo(g,h,i)perylene	27.114	276	21326	0.358	ng/ul	94

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

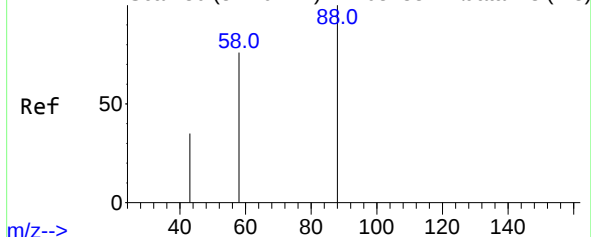
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034847.D
Acq On : 26 Apr 2022 21:28
Operator : CG/JU
Sample : N2475-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 27 01:33:22 2022
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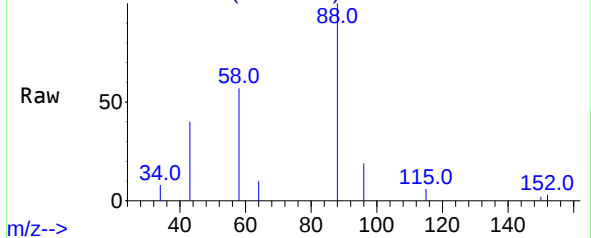


Abundance Scan 80 (3.420 min): BM034832.D\data.ms (-73)



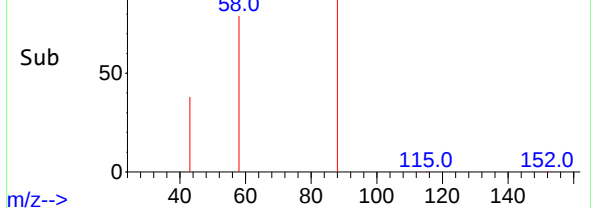
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Abundance Scan 79 (3.415 min): BM034847.D\data.ms



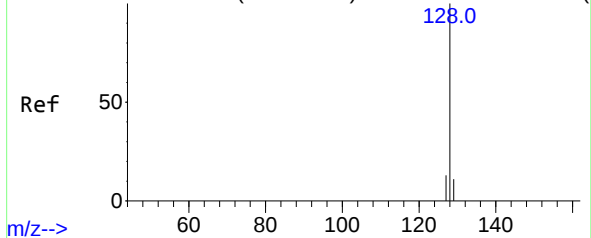
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Abundance Scan 79 (3.415 min): BM034847.D\data.ms (-68)



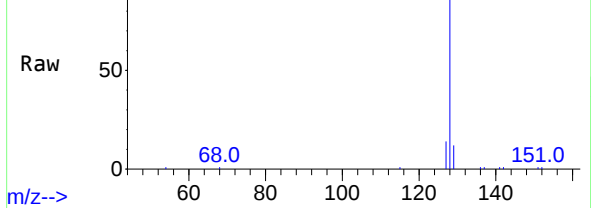
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Abundance Scan 1787 (10.792 min): BM034832.D\data.ms (-73)



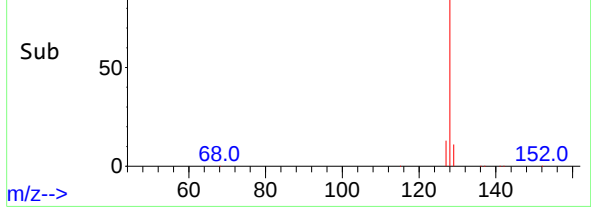
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Abundance Scan 1787 (10.792 min): BM034847.D\data.ms



m/z-->

Abundance Scan 1787 (10.792 min): BM034847.D\data.ms (-68)



m/z-->

#2

1,4-Dioxane

Concen: 0.521 ng/ul

RT: 3.415 min Scan# 79

Delta R.T. -0.004 min

Lab File: BM034847.D

Acq: 26 Apr 2022 21:28

Instrument :

BNA_M

ClientSampleId :

A0BM8MSD

Tgt Ion: 88 Resp: 3107

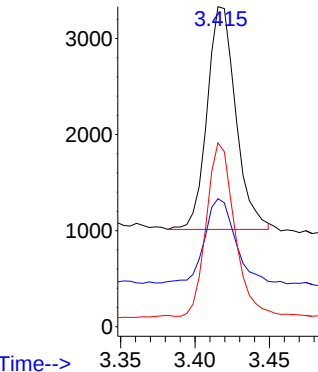
Ion Ratio Lower Upper

88 100

43 40.0 49.7 74.5#

58 57.5 52.5 78.7

Abundance



Time-->

#5

Naphthalene

Concen: 0.341 ng/ul

RT: 10.792 min Scan# 1787

Delta R.T. -0.004 min

Lab File: BM034847.D

Acq: 26 Apr 2022 21:28

Tgt Ion:128 Resp: 14529

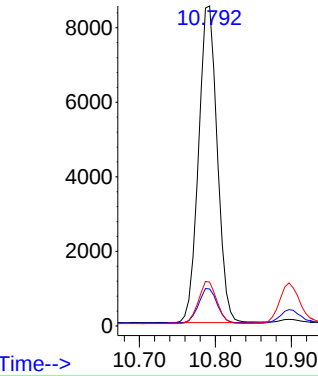
Ion Ratio Lower Upper

128 100

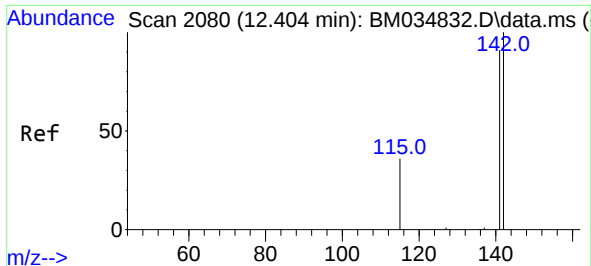
129 11.5 13.4 20.2#

127 13.7 15.2 22.8#

Abundance



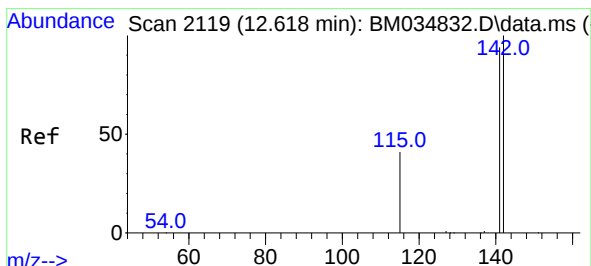
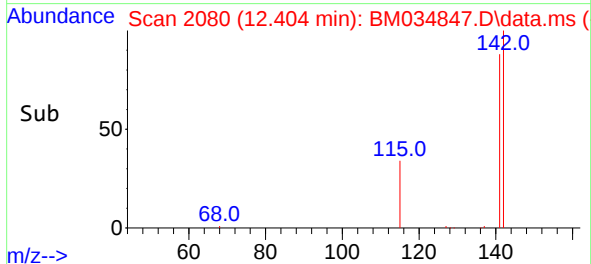
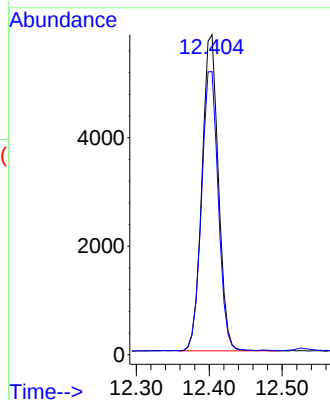
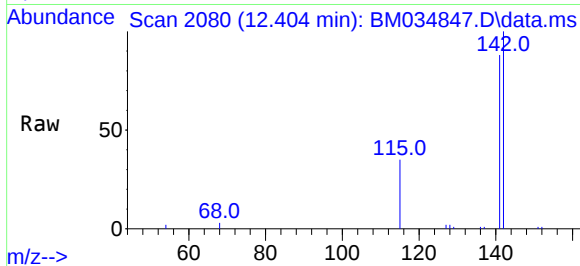
Time-->



#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

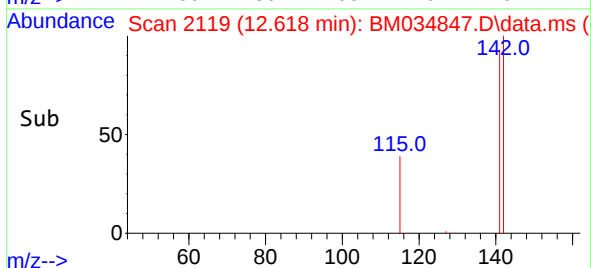
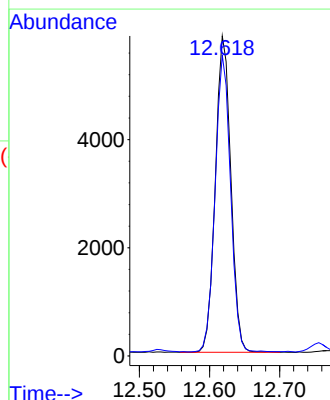
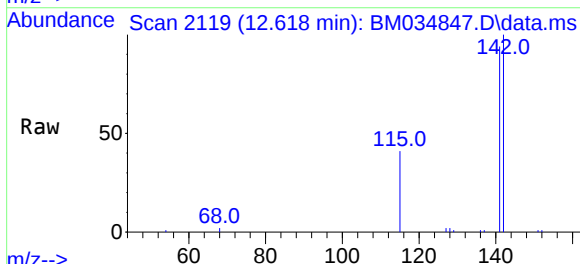
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

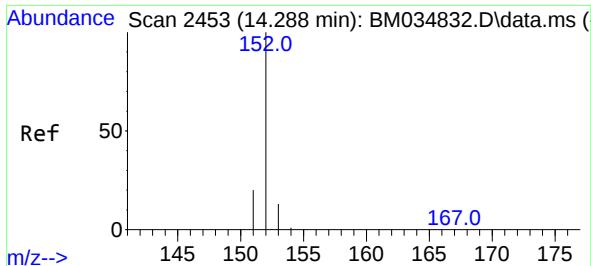
Tgt Ion:142 Resp: 9133
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:142 Resp: 8966
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

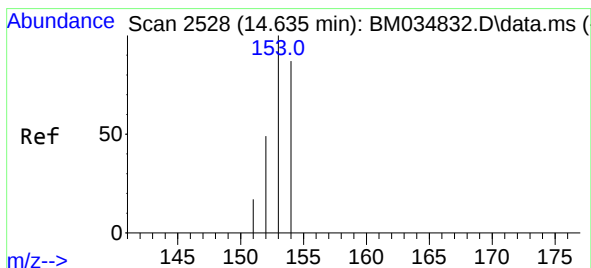
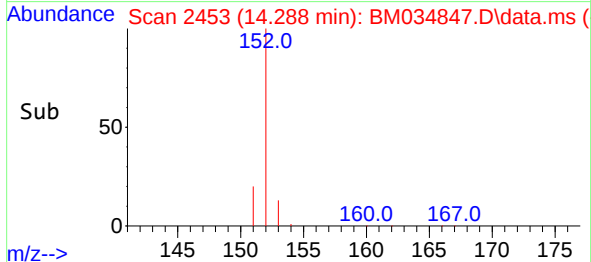
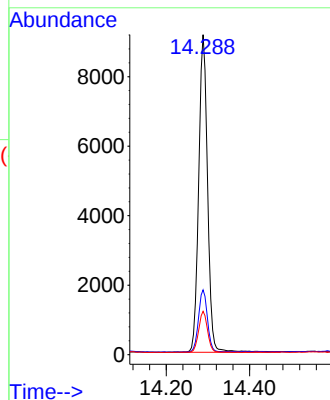
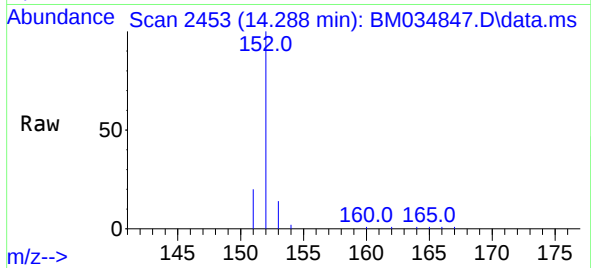




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.288 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

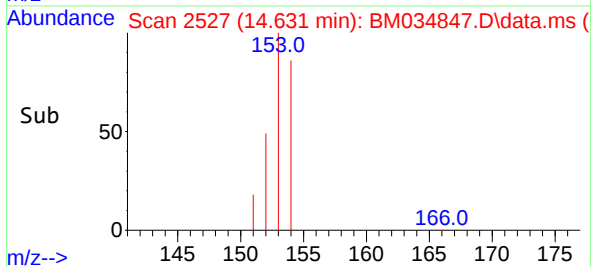
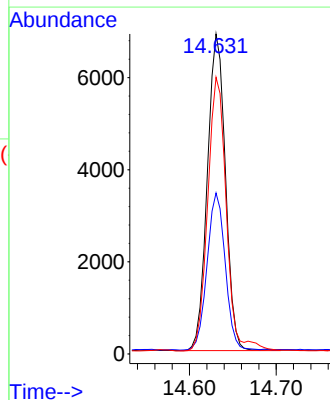
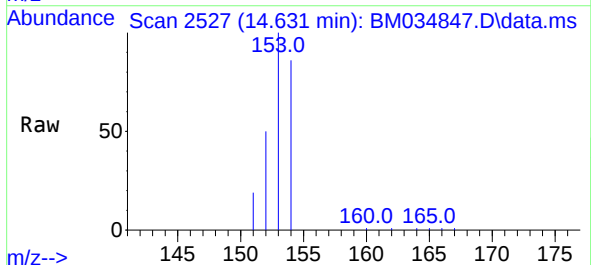
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

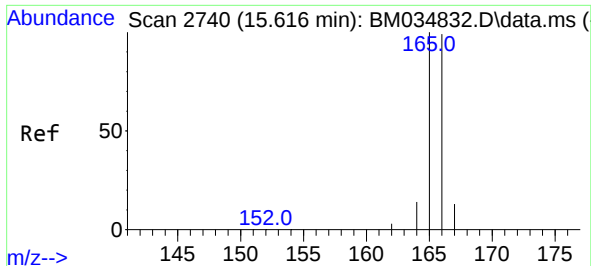
Tgt Ion:	152	Resp:	13573
Ion Ratio	Lower	Upper	
152	100		
151	20.3	19.9	29.9
153	13.6	15.0	22.4



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:	153	Resp:	9977
Ion Ratio	Lower	Upper	
153	100		
152	50.3	42.4	63.6
154	86.5	66.2	99.2

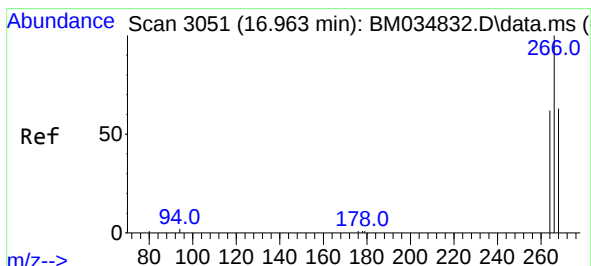
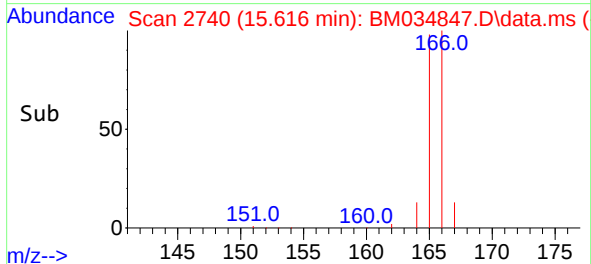
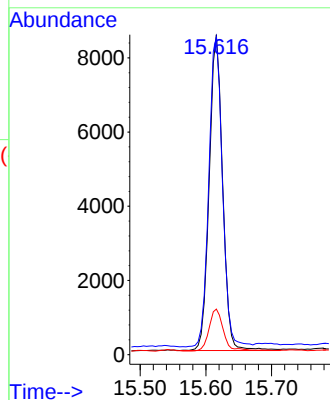
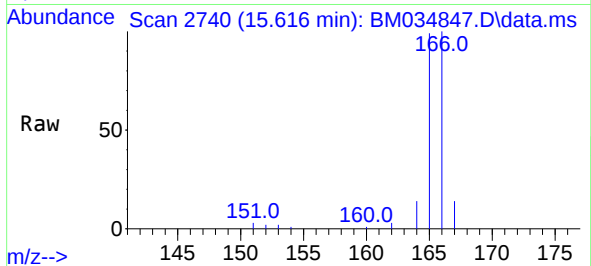




#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

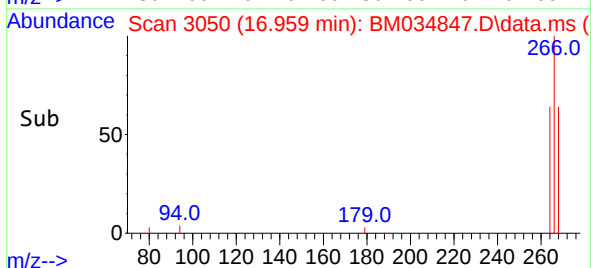
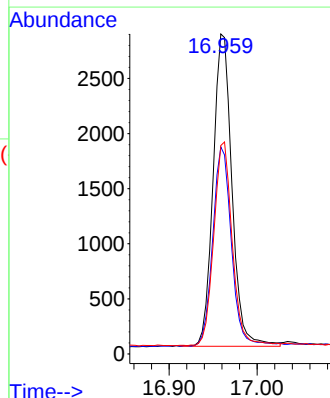
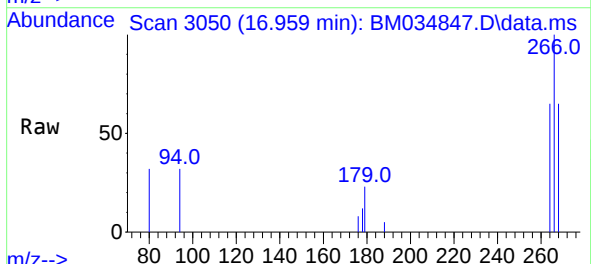
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

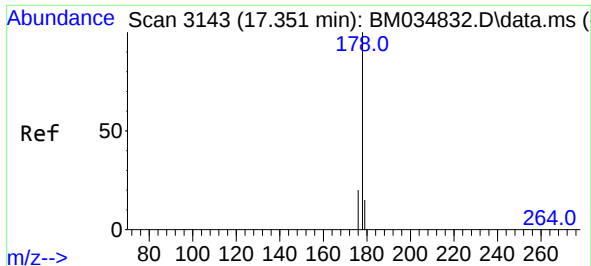
Tgt Ion:166 Resp: 12046
Ion Ratio Lower Upper
166 100
165 99.3 81.1 121.7
167 14.2 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.862 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:266 Resp: 4222
Ion Ratio Lower Upper
266 100
264 63.6 51.4 77.0
268 64.4 53.1 79.7

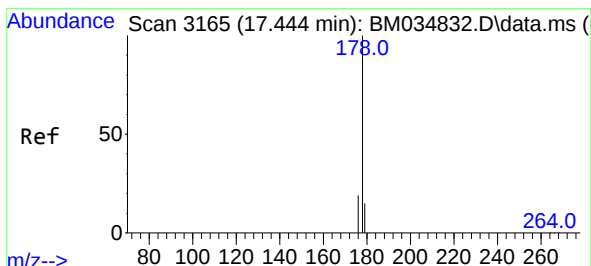
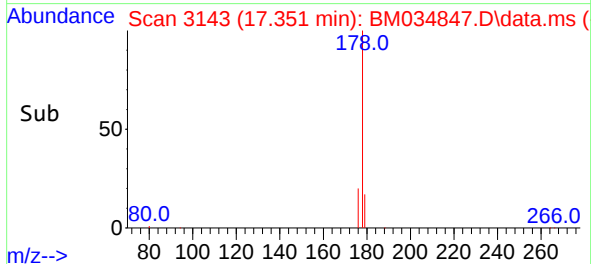
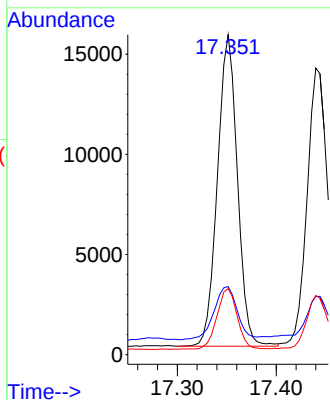
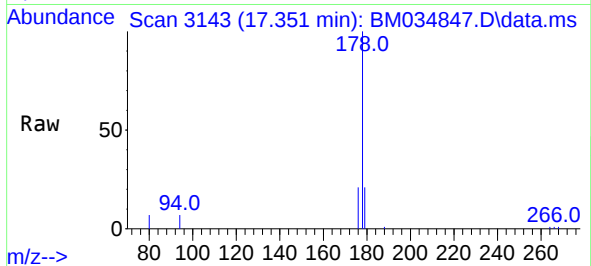




#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

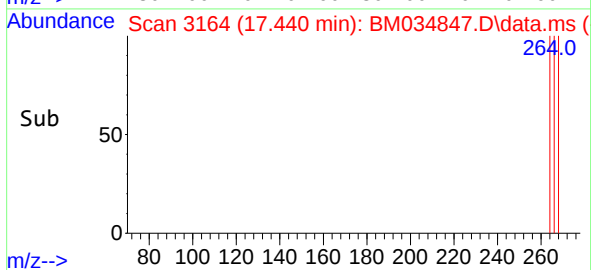
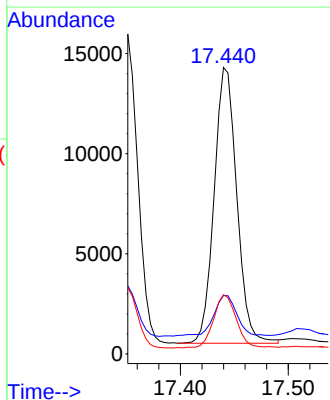
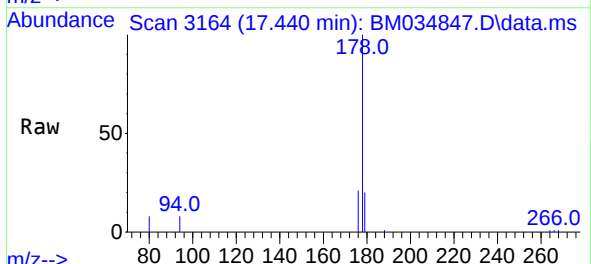
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

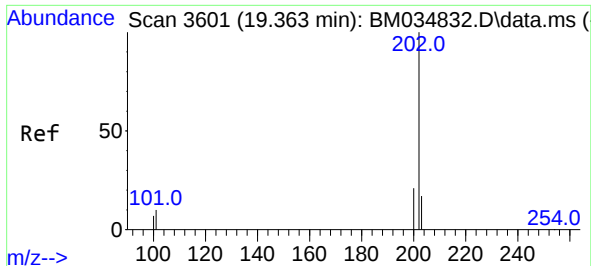
Tgt Ion:	178	Resp:	21756
Ion Ratio	Lower	Upper	
178	100		
179	21.3	15.0	22.6
176	20.7	17.9	26.9



#16
Anthracene
Concen: 0.414 ng/u1
RT: 17.440 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:	178	Resp:	20135
Ion Ratio	Lower	Upper	
178	100		
179	20.4	16.5	24.7
176	20.7	18.3	27.5

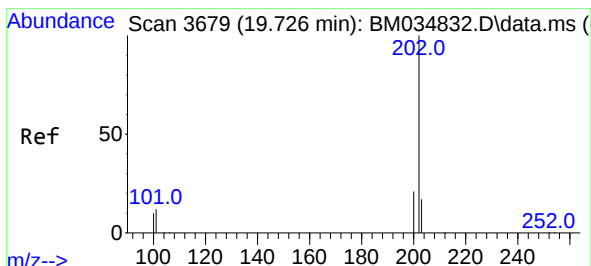
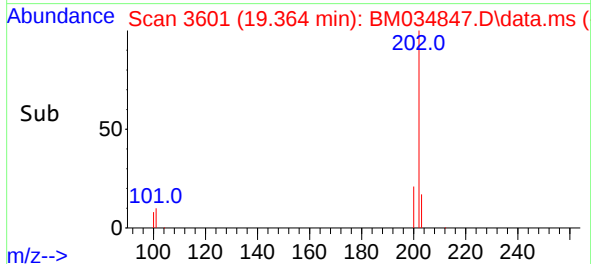
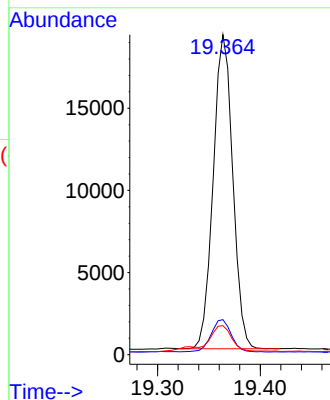
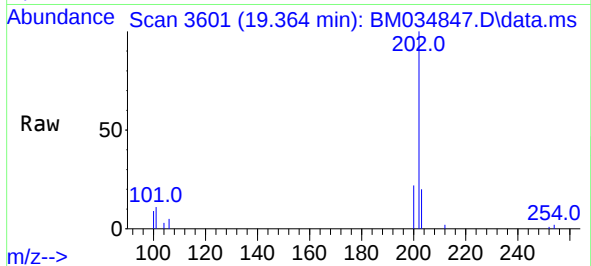




#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

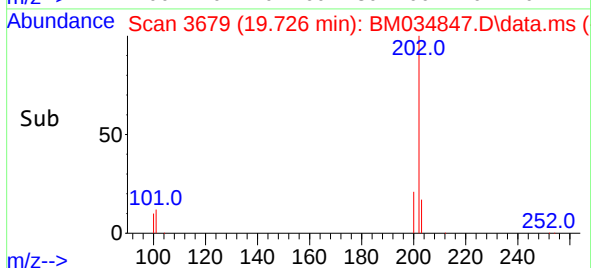
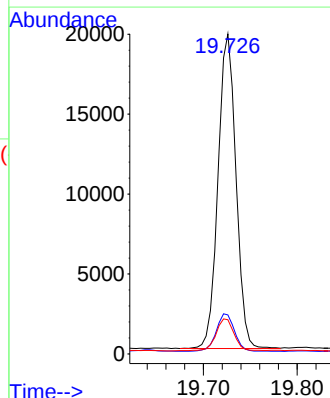
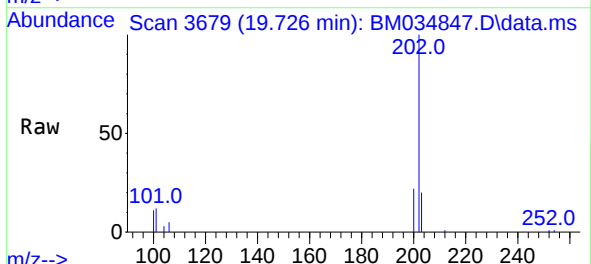
Instrument :
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A0BM8MSD

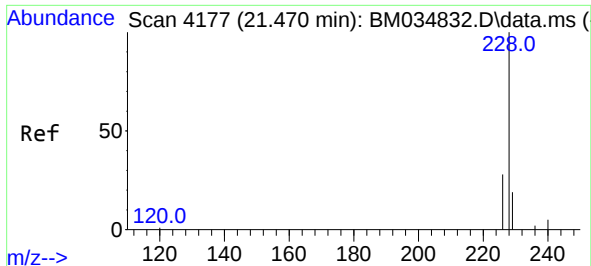
Tgt Ion:	202	Resp:	25253
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.2	13.8
100	9.0	7.2	10.8



#20
Pyrene
Concen: 0.415 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:	202	Resp:	26135
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.3	13.9
100	10.7	7.8	11.6

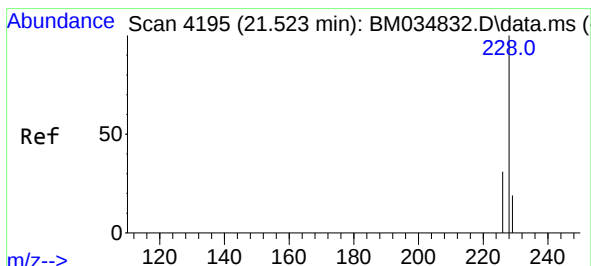
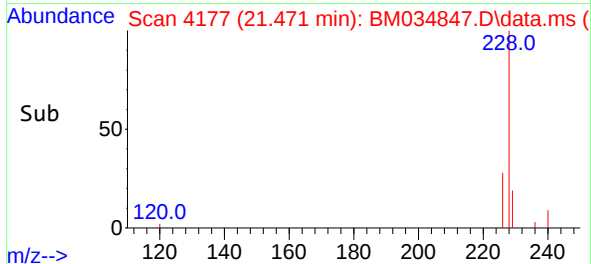
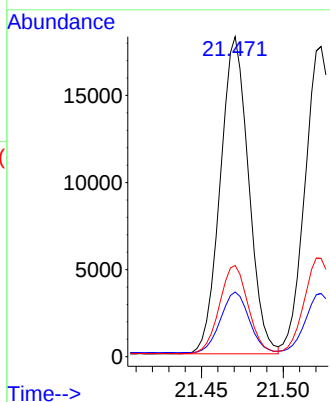
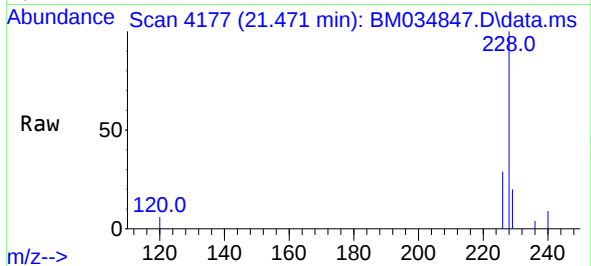




#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

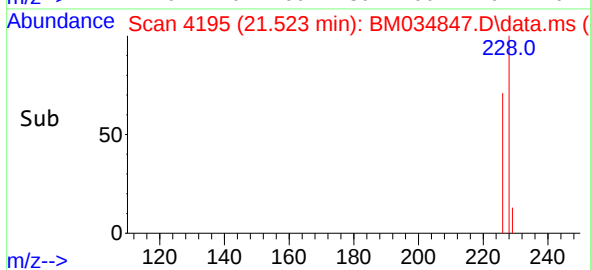
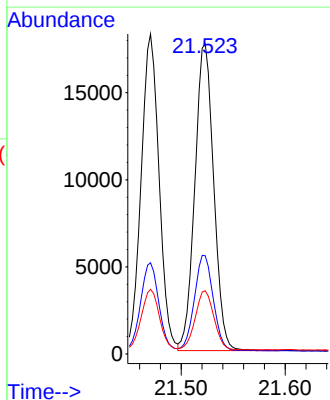
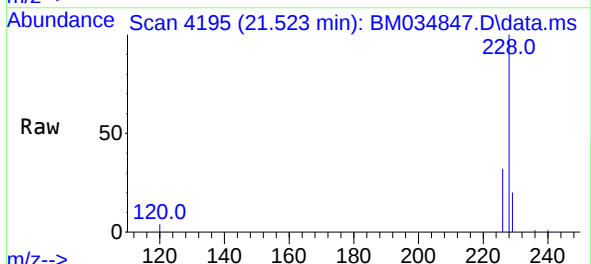
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

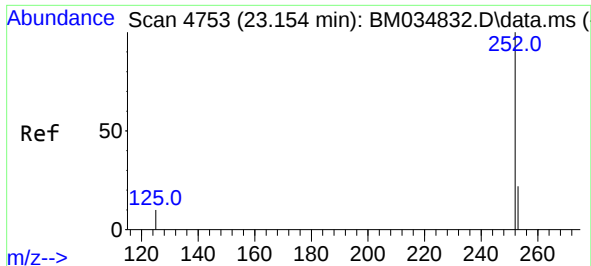
Tgt Ion:228	Resp:	21958
Ion Ratio	Lower	Upper
228	100	
229	20.2	17.3 25.9
226	28.5	23.2 34.8



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:228	Resp:	22169
Ion Ratio	Lower	Upper
228	100	
226	31.7	25.8 38.8
229	20.4	16.7 25.1

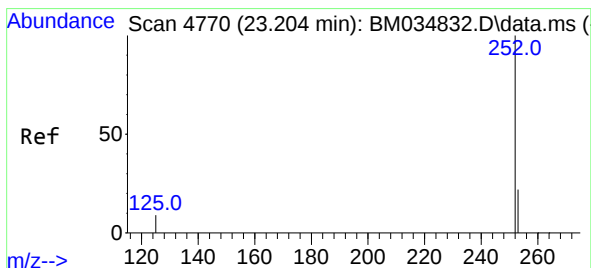
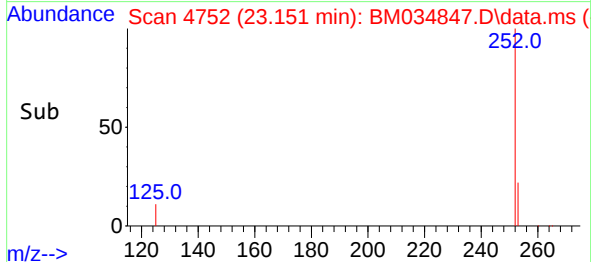
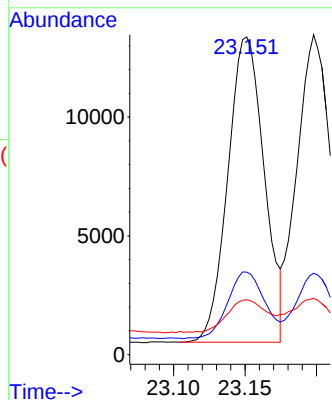
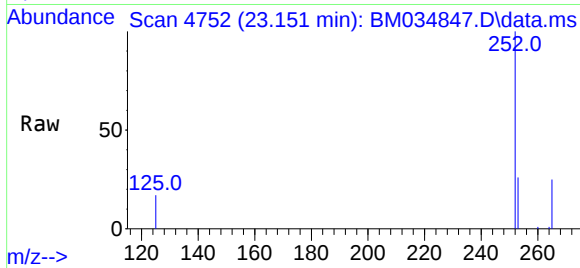




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.001 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

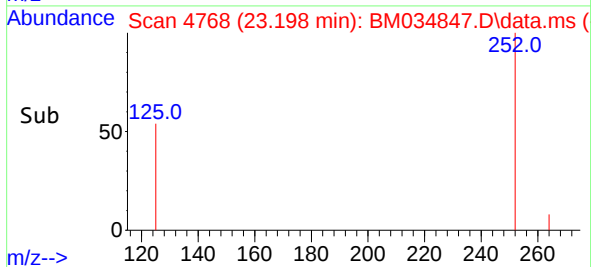
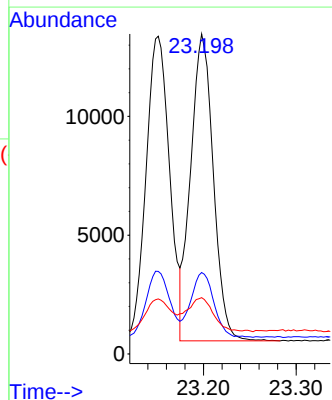
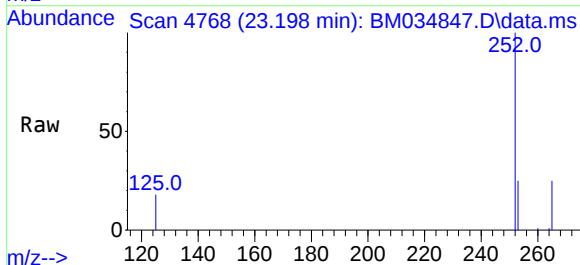
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

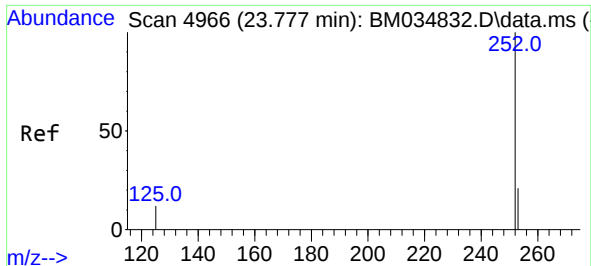
Tgt Ion:252 Resp: 22734
Ion Ratio Lower Upper
252 100
253 26.0 0.0 64.2
125 17.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:252 Resp: 21968
Ion Ratio Lower Upper
252 100
253 25.5 26.8 40.2#
125 17.6 12.0 18.0

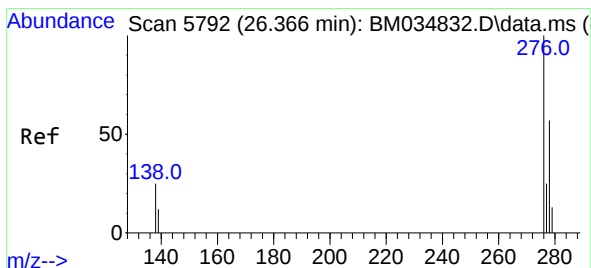
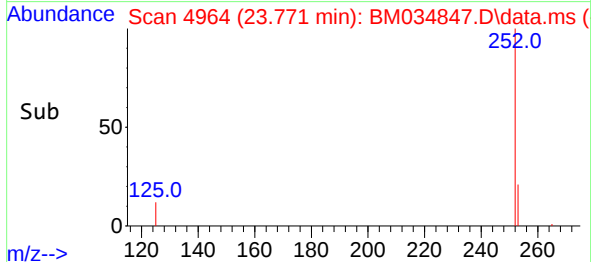
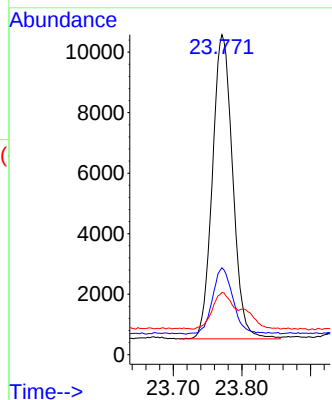
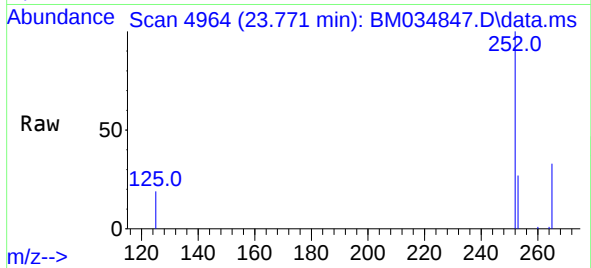




#26
Benzo(a)pyrene
Concen: 0.420 ng/ul
RT: 23.771 min Scan# 4966
Delta R.T. -0.004 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

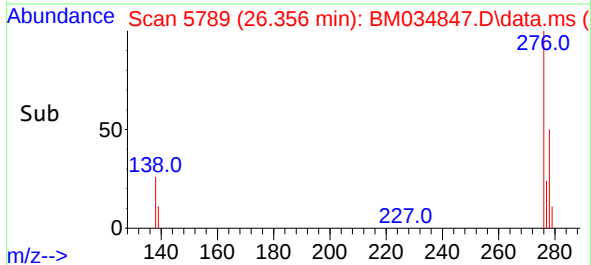
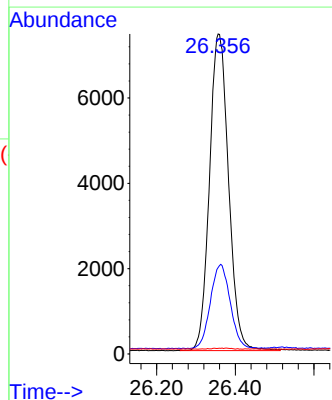
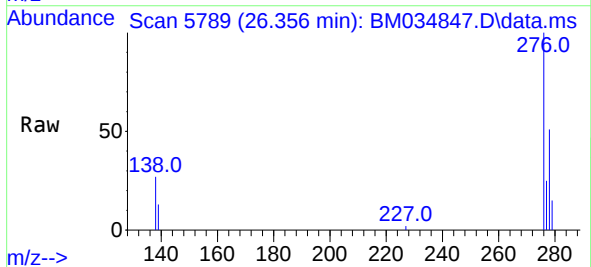
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

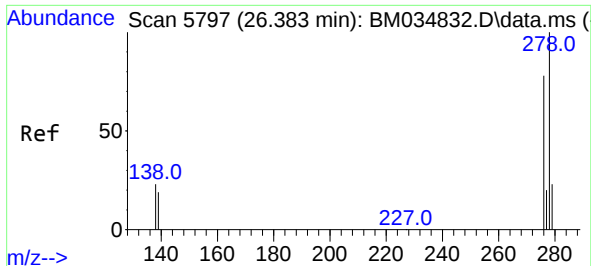
Tgt Ion:	252	Resp:	20619
Ion Ratio	Lower	Upper	
252	100		
253	27.2	32.0	48.0#
125	19.5	14.5	21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:	276	Resp:	25013
Ion Ratio	Lower	Upper	
276	100		
138	27.5	15.8	23.6#
227	0.3	0.0	0.0#

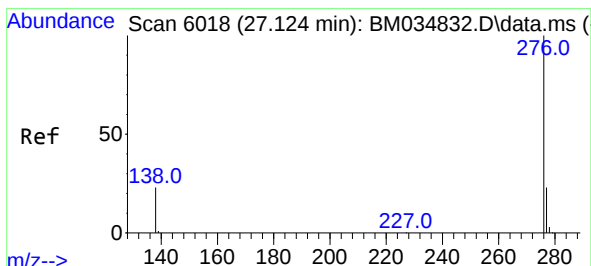
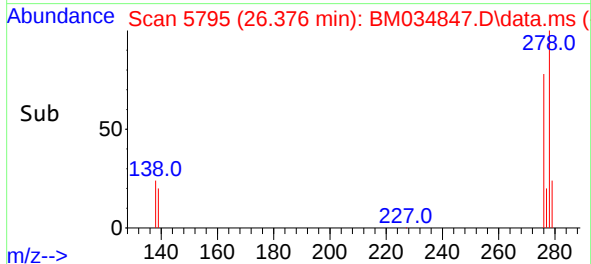
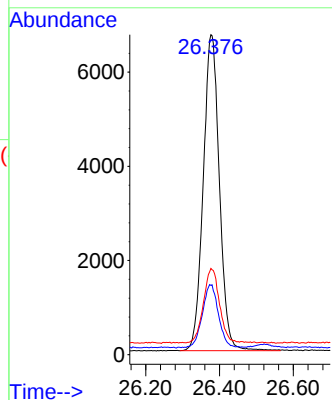
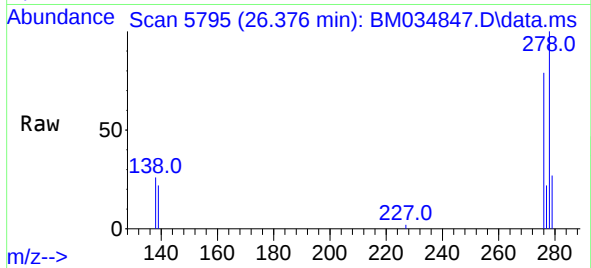




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

Tgt Ion:278 Resp: 20403
Ion Ratio Lower Upper
278 100
139 21.7 18.0 27.0
279 26.9 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.114 min Scan# 6015
Delta R.T. -0.005 min
Lab File: BM034847.D
Acq: 26 Apr 2022 21:28

Tgt Ion:276 Resp: 21326
Ion Ratio Lower Upper
276 100
138 24.5 17.4 26.0
277 24.9 22.6 33.8

