

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
 Data File : BM034837.D
 Acq On : 26 Apr 2022 15:28
 Operator : CG/JU
 Sample : N2475-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0BM8MSD

Quant Time: Apr 26 17:26:24 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

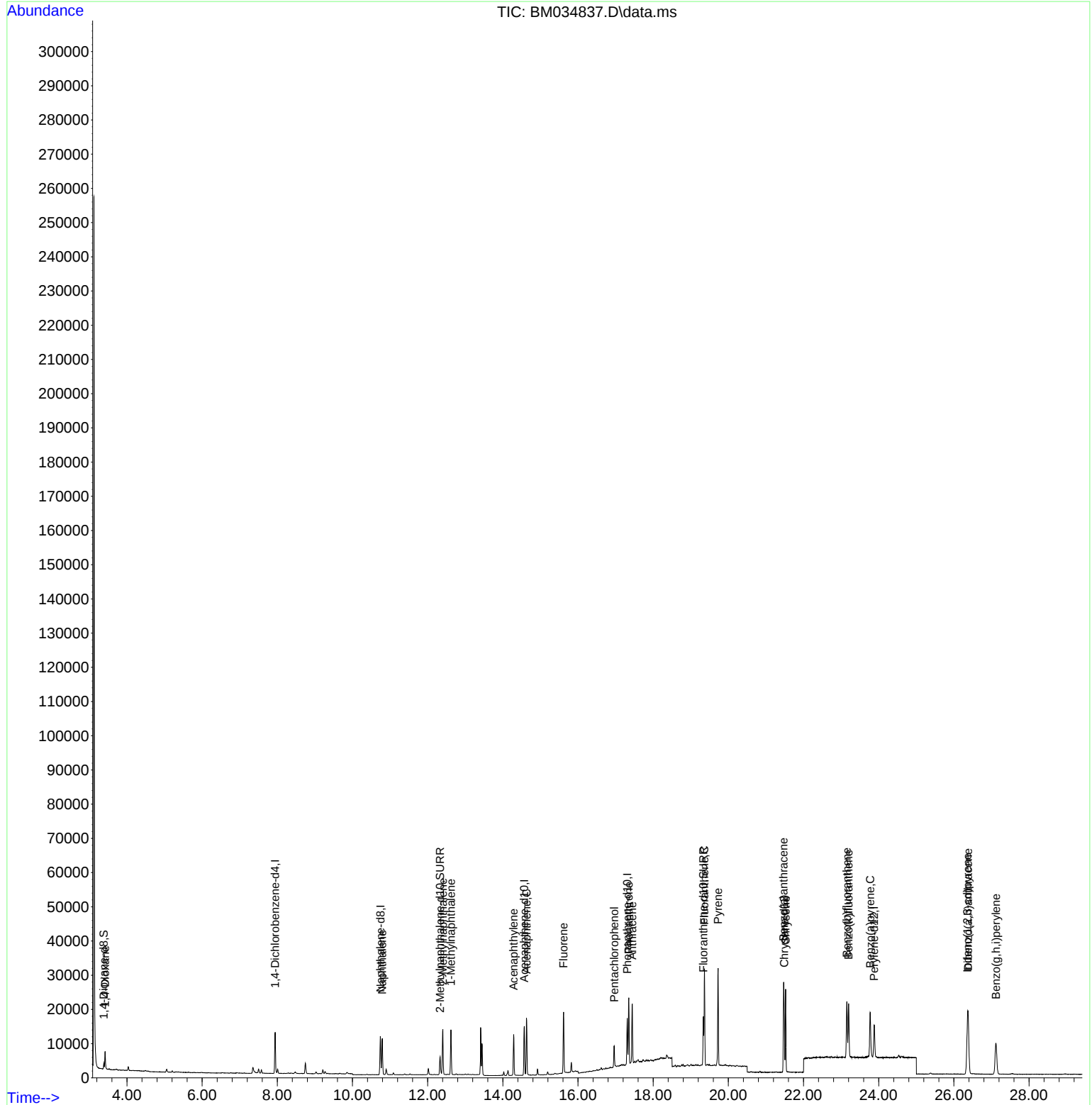
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5983	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	14970	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.571	164	7843	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	15904	0.400	ng/ul #	0.00
17) Chrysene-d12	21.487	240	12404	0.400	ng/ul #	0.00
23) Perylene-d12	23.881	264	12935	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	1112	0.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	6615	0.314	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	15173	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	3068	0.487	ng/ul#	79
5) Naphthalene	10.792	128	14306	0.334	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	8934	0.314	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	8768	0.314	ng/ul	99
10) Acenaphthylene	14.289	152	13433	0.392	ng/ul#	90
11) Acenaphthene	14.631	153	9577	0.330	ng/ul	96
12) Fluorene	15.617	166	11366	0.348	ng/ul#	98
14) Pentachlorophenol	16.964	266	4038	0.856	ng/ul	98
15) Phenanthrene	17.352	178	20056	0.381	ng/ul	95
16) Anthracene	17.445	178	18822	0.402	ng/ul	97
19) Fluoranthene	19.364	202	23209	0.390	ng/ul	99
20) Pyrene	19.727	202	23622	0.395	ng/ul	99
21) Benzo(a)anthracene	21.470	228	20376	0.422	ng/ul	99
22) Chrysene	21.525	228	20460	0.398	ng/ul	99
24) Benzo(b)fluoranthene	23.153	252	21360	0.362	ng/ul	90
25) Benzo(k)fluoranthene	23.200	252	20503	0.347	ng/ul#	89
26) Benzo(a)pyrene	23.773	252	19598	0.407	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.362	276	24020	0.355	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.382	278	19425	0.353	ng/ul#	91
29) Benzo(g,h,i)perylene	27.120	276	20367	0.349	ng/ul	95

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

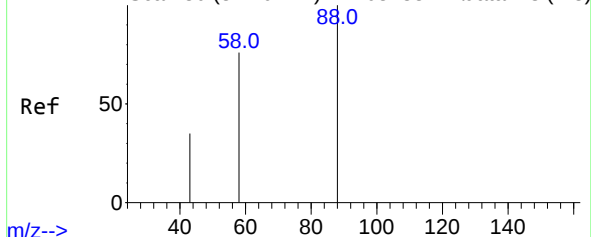
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042622\
Data File : BM034837.D
Acq On : 26 Apr 2022 15:28
Operator : CG/JU
Sample : N2475-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Apr 26 17:26:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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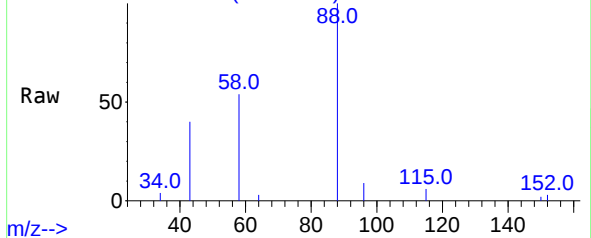


Abundance Scan 80 (3.420 min): BM034832.D\data.ms (-73)



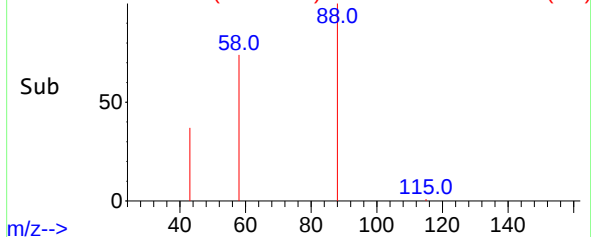
m/z-->

Abundance Scan 80 (3.420 min): BM034837.D\data.ms



m/z-->

Abundance Scan 80 (3.420 min): BM034837.D\data.ms (-68)



m/z-->

#2

1,4-Dioxane

Concen: 0.487 ng/ul

RT: 3.420 min Scan# 80

Delta R.T. -0.000 min

Lab File: BM034837.D

Acq: 26 Apr 2022 15:28

Instrument :

BNA_M

ClientSampleId :

A0BM8MSD

Tgt Ion: 88 Resp: 3068

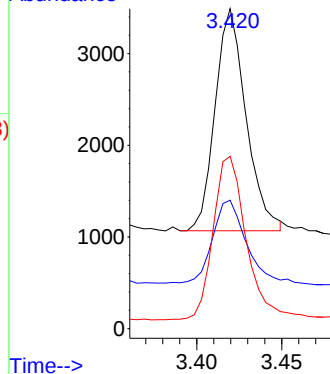
Ion Ratio Lower Upper

88 100

43 40.1 49.7 74.5#

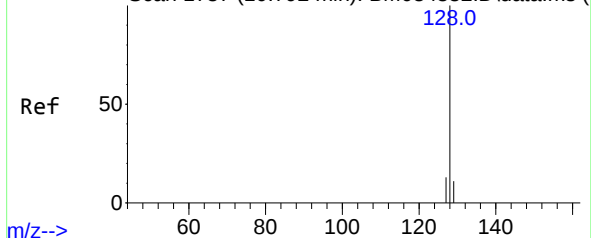
58 53.8 52.5 78.7

Abundance



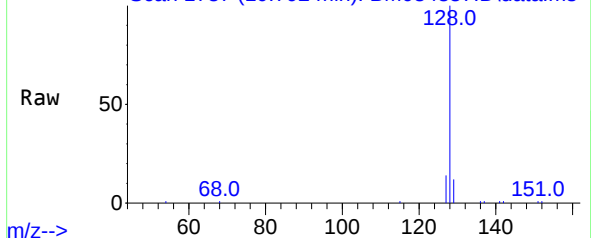
Time-->

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



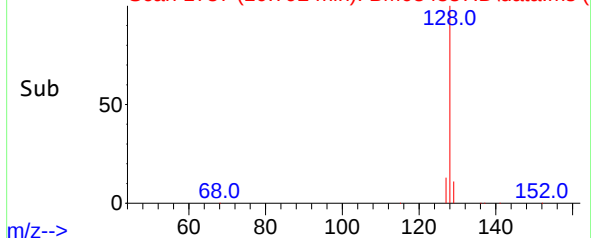
m/z-->

Abundance Scan 1787 (10.792 min): BM034837.D\data.ms



m/z-->

Abundance Scan 1787 (10.792 min): BM034837.D\data.ms (-68)



m/z-->

#5

Naphthalene

Concen: 0.334 ng/ul

RT: 10.792 min Scan# 1787

Delta R.T. -0.004 min

Lab File: BM034837.D

Acq: 26 Apr 2022 15:28

Tgt Ion: 128 Resp: 14306

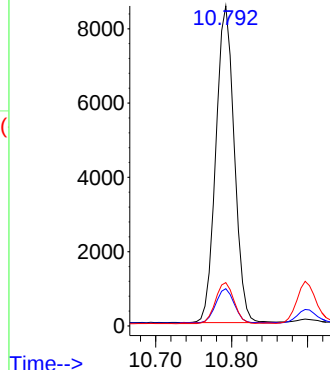
Ion Ratio Lower Upper

128 100

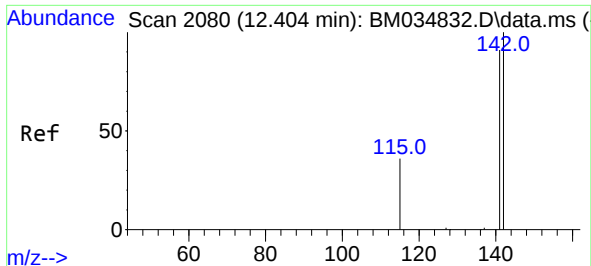
129 11.6 13.4 20.2#

127 13.6 15.2 22.8#

Abundance



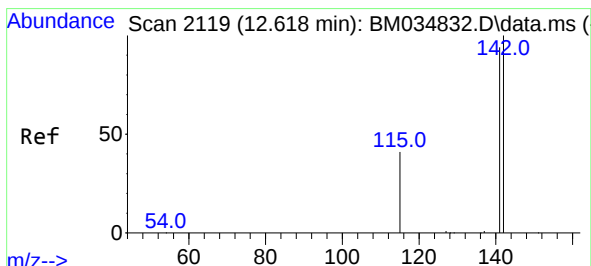
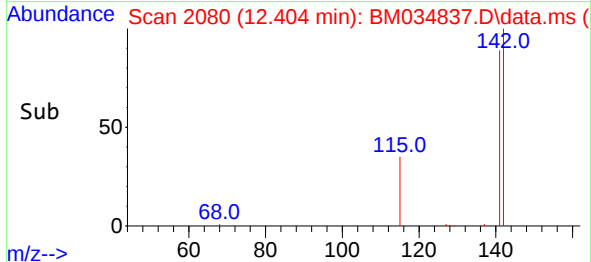
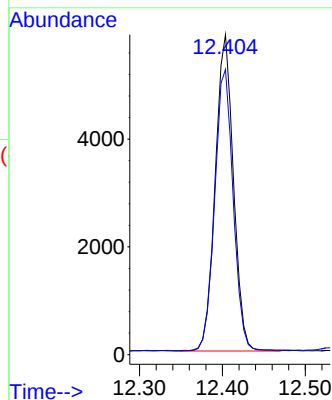
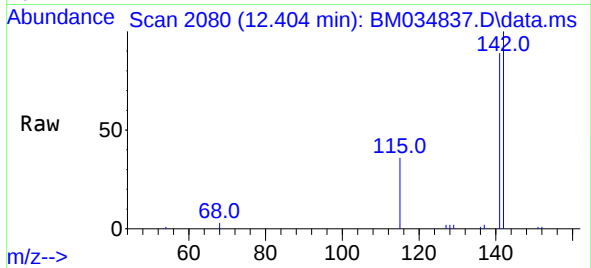
Time-->



#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

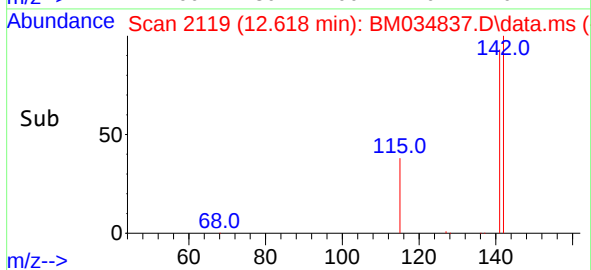
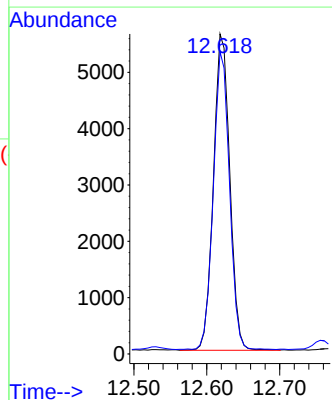
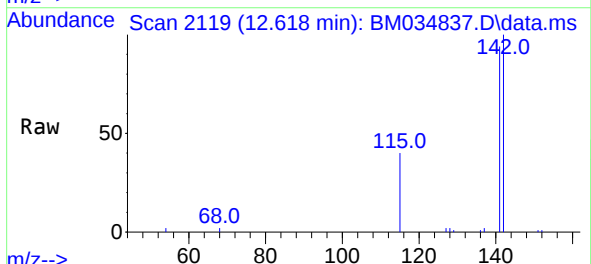
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

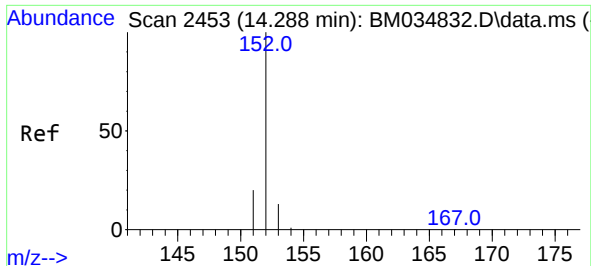
Tgt Ion:142 Resp: 8934
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.618 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:142 Resp: 8768
Ion Ratio Lower Upper
142 100
141 92.8 75.0 112.4

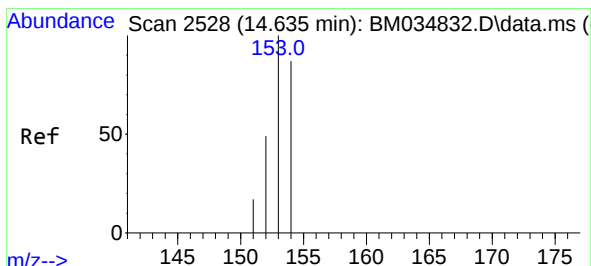
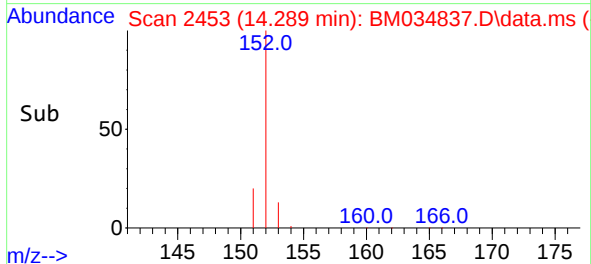
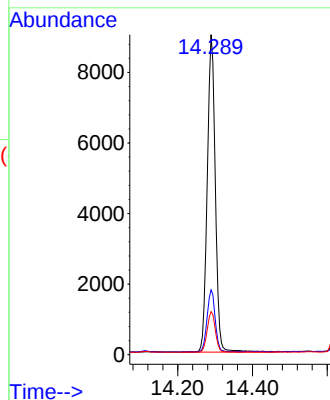
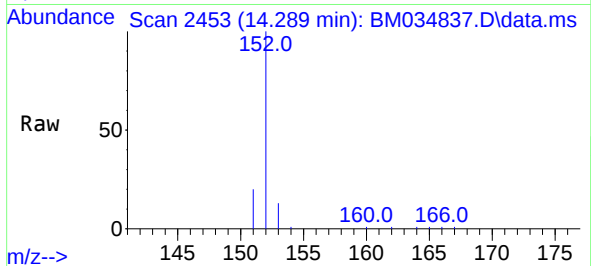




#10
Acenaphthylene
Concen: 0.392 ng/u1
RT: 14.289 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

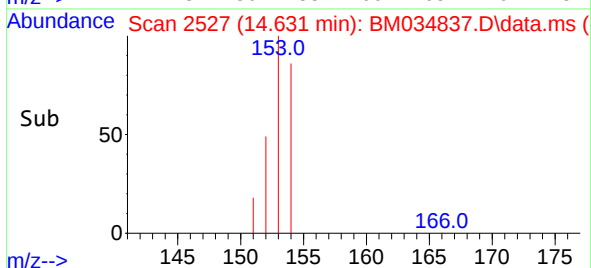
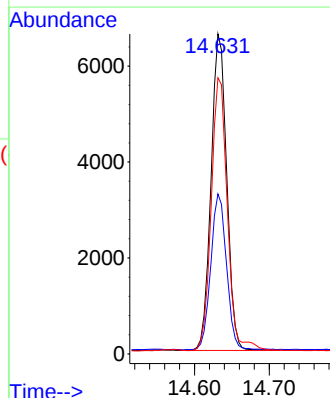
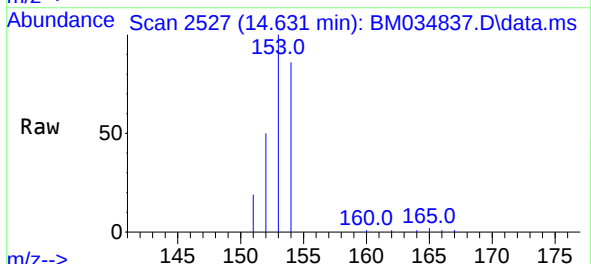
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

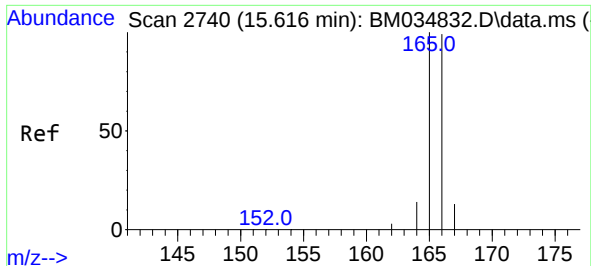
Tgt Ion:	152	Resp:	13433
Ion Ratio	Lower	Upper	
152	100		
151	20.3	19.9	29.9
153	13.4	15.0	22.4



#11
Acenaphthene
Concen: 0.330 ng/u1
RT: 14.631 min Scan# 2527
Delta R.T. -0.007 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:	153	Resp:	9577
Ion Ratio	Lower	Upper	
153	100		
152	50.0	42.4	63.6
154	86.3	66.2	99.2

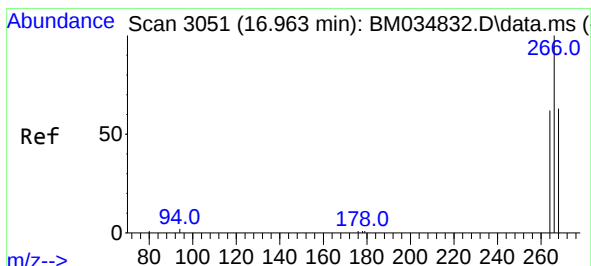
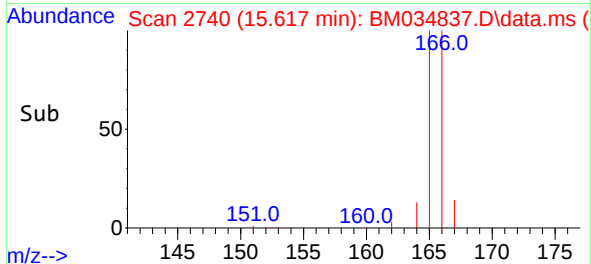
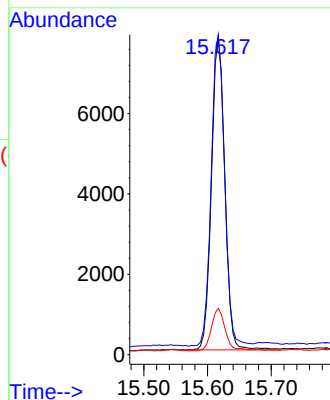
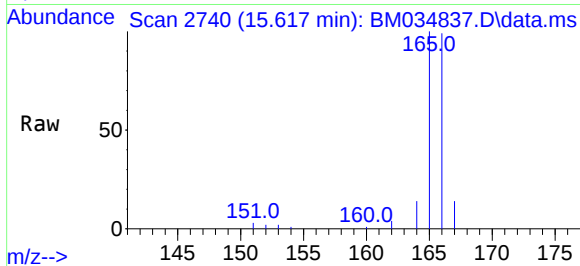




#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.617 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

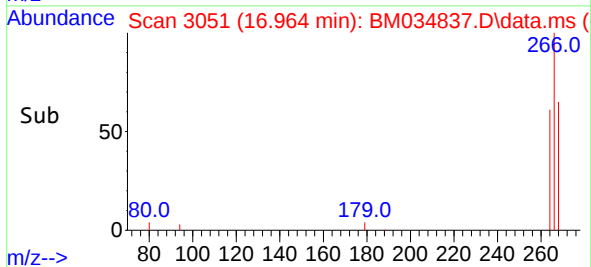
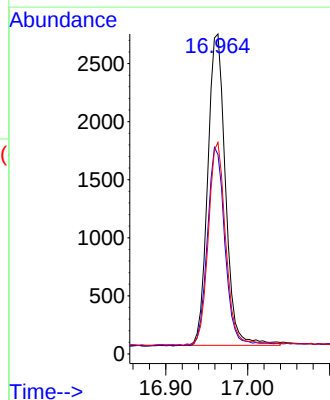
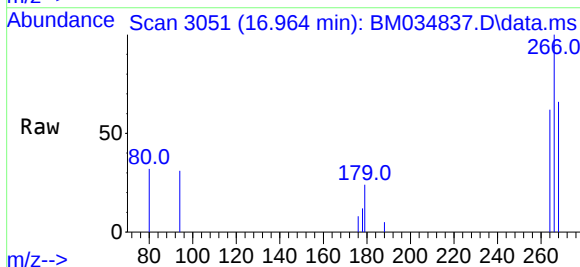
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

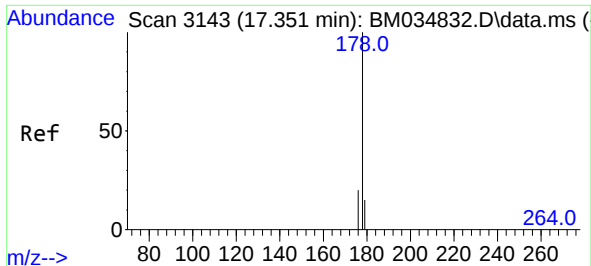
Tgt Ion:166 Resp: 11366
Ion Ratio Lower Upper
166 100
165 100.9 81.1 121.7
167 14.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.856 ng/ul
RT: 16.964 min Scan# 3051
Delta R.T. 0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:266 Resp: 4038
Ion Ratio Lower Upper
266 100
264 63.1 51.4 77.0
268 64.1 53.1 79.7

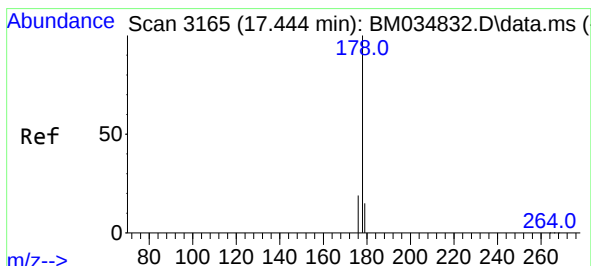
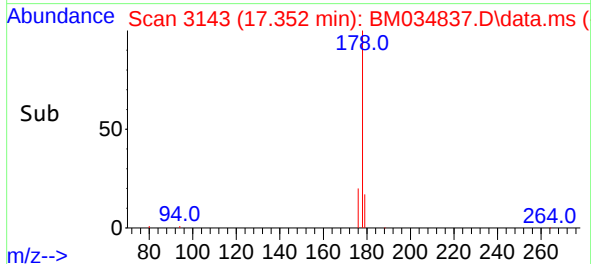
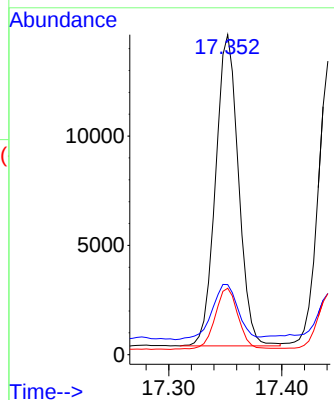
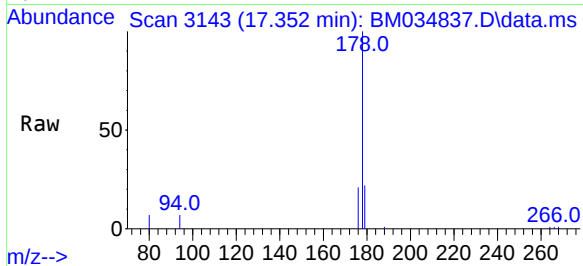




#15
Phenanthrene
Concen: 0.381 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

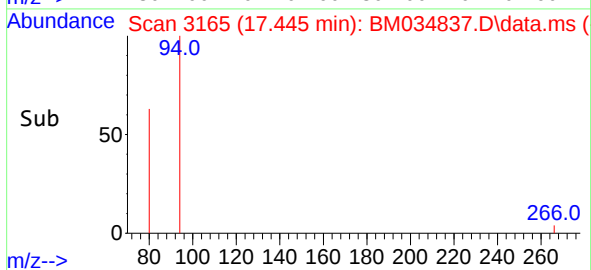
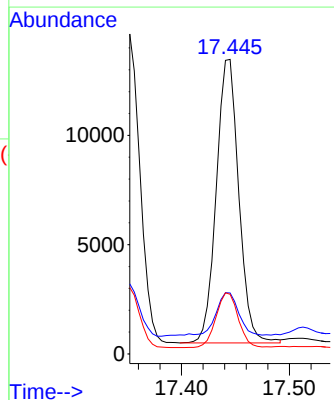
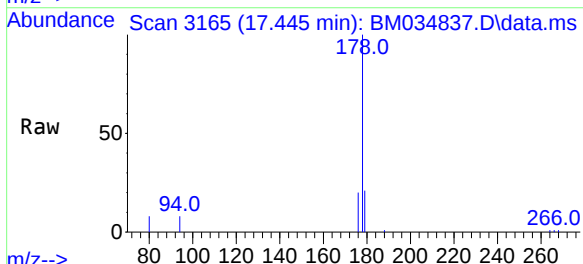
Instrument :
BNA_M
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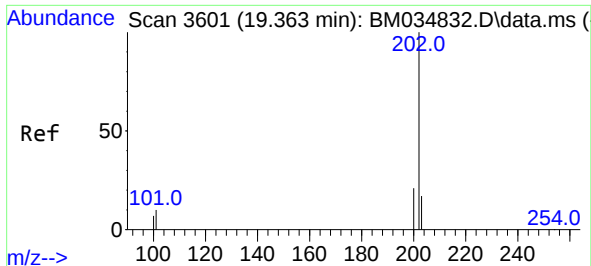
Tgt Ion:	178	Resp:	20056
Ion	Ratio	Lower	Upper
178	100		
179	21.9	15.0	22.6
176	20.8	17.9	26.9



#16
Anthracene
Concen: 0.402 ng/u1
RT: 17.445 min Scan# 3165
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:	178	Resp:	18822
Ion	Ratio	Lower	Upper
178	100		
179	20.7	16.5	24.7
176	20.2	18.3	27.5

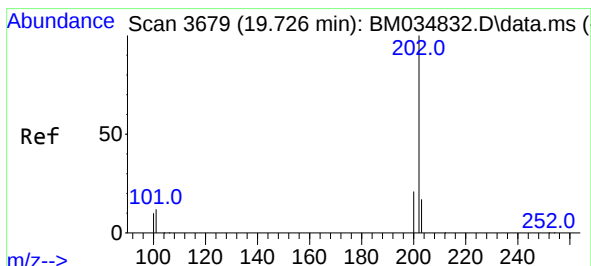
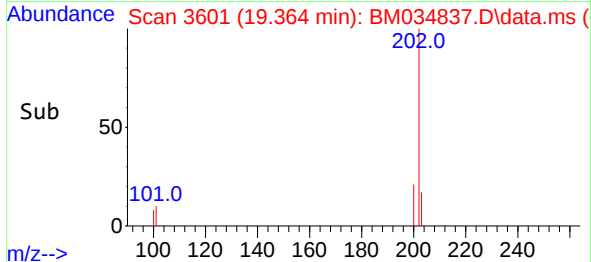
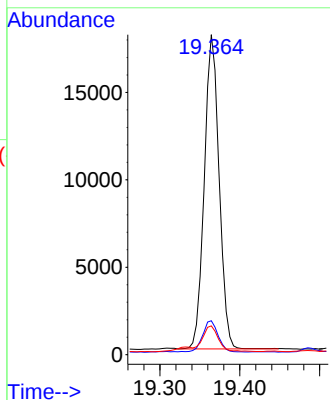
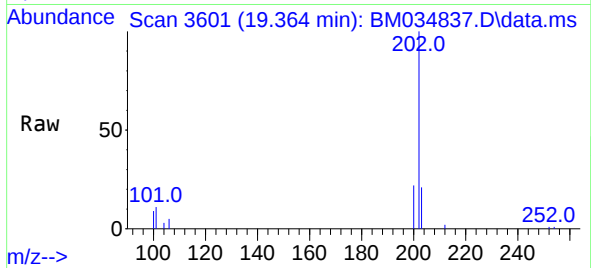




#19
Fluoranthene
Concen: 0.390 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

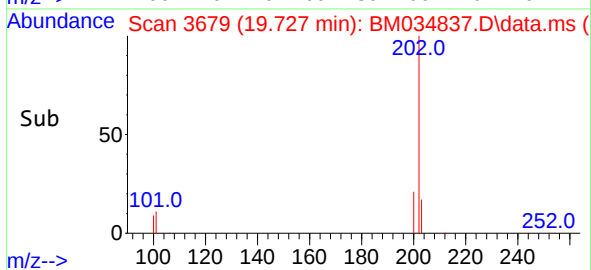
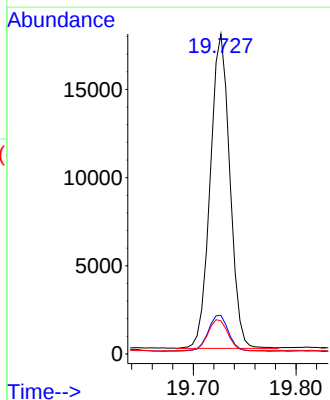
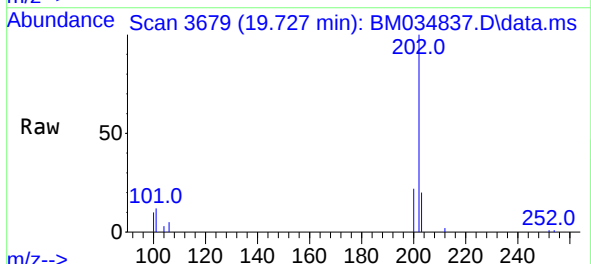
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

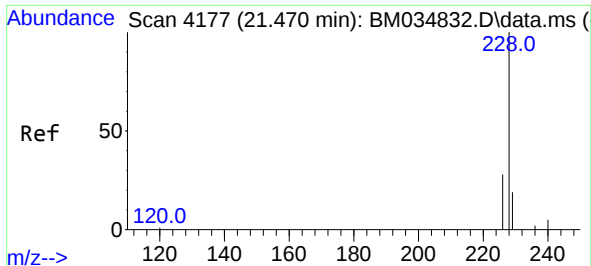
Tgt Ion:	202	Resp:	23209
Ion Ratio	Lower	Upper	
202	100		
101	10.6	9.2	13.8
100	9.0	7.2	10.8



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:	202	Resp:	23622
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.3	13.9
100	10.4	7.8	11.6

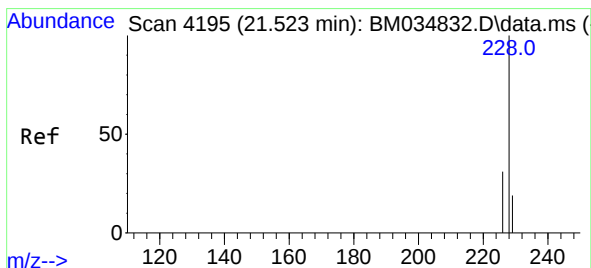
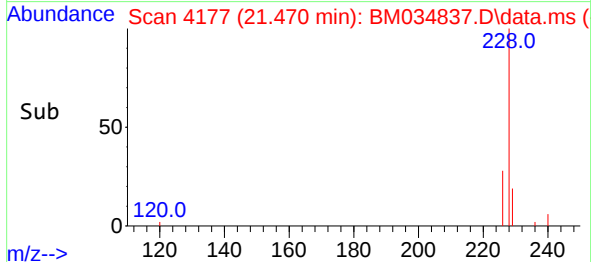
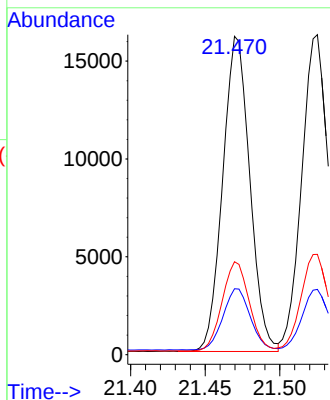
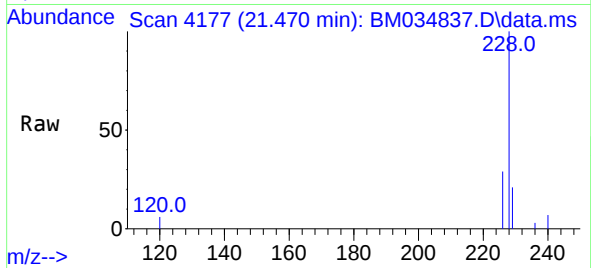




#21
Benzo(a)anthracene
Concen: 0.422 ng/u1
RT: 21.470 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

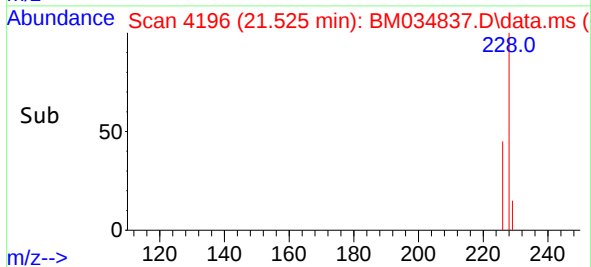
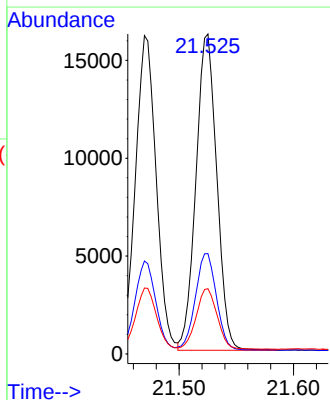
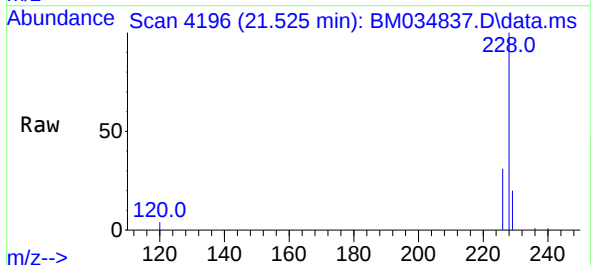
Instrument :
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ClientSampleId :
A0BM8MSD

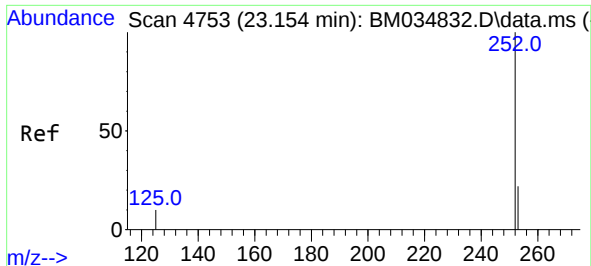
Tgt Ion:	228	Resp:	20376
Ion Ratio	Lower	Upper	
228	100		
229	20.7	17.3	25.9
226	29.2	23.2	34.8



#22
Chrysene
Concen: 0.398 ng/u1
RT: 21.525 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:	228	Resp:	20460
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.8	38.8
229	20.4	16.7	25.1

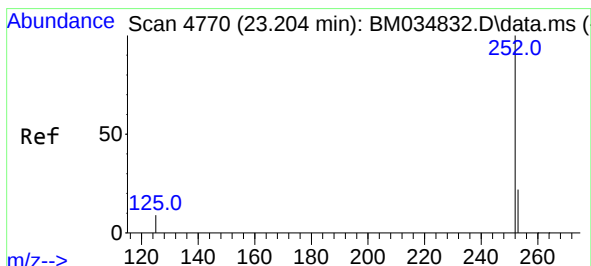
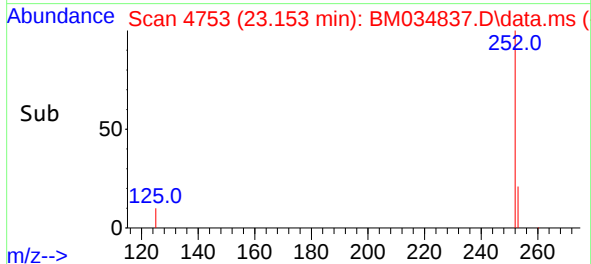
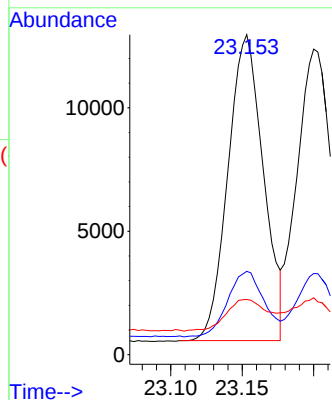
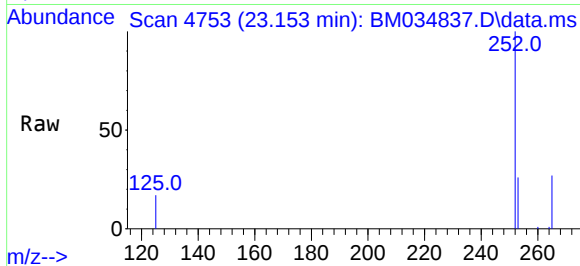




#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. 0.001 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

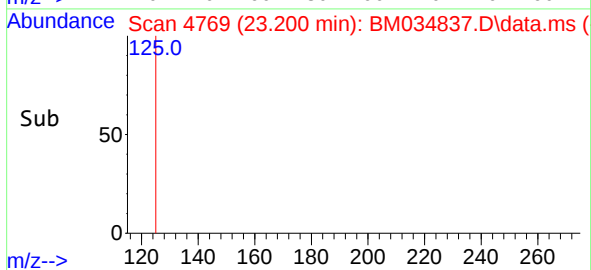
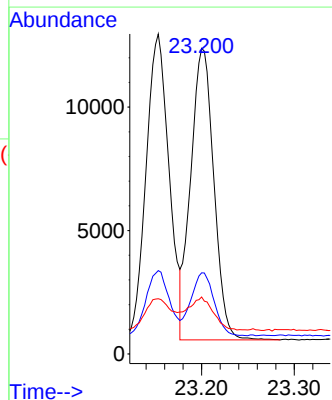
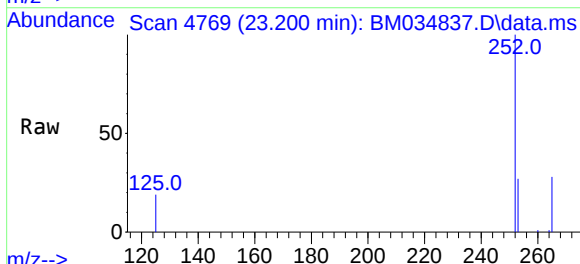
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

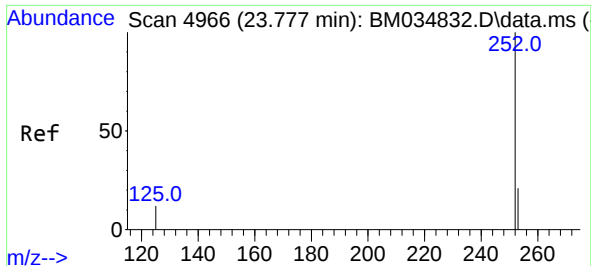
Tgt Ion:252	Resp:	21360
Ion Ratio	Lower	Upper
252	100	
253	26.1	0.0 64.2
125	17.3	0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.200 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:252	Resp:	20503
Ion Ratio	Lower	Upper
252	100	
253	26.6	26.8 40.2#
125	18.7	12.0 18.0#

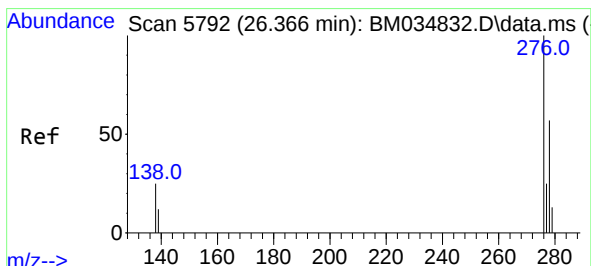
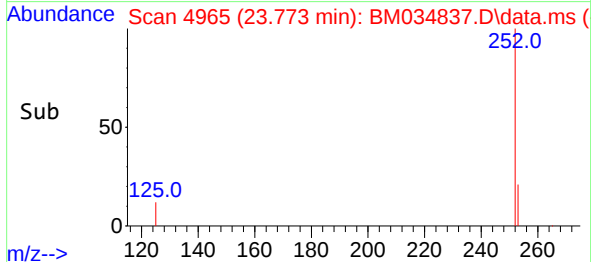
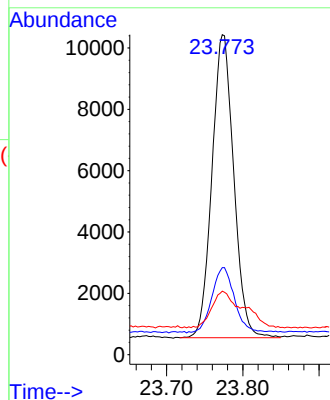
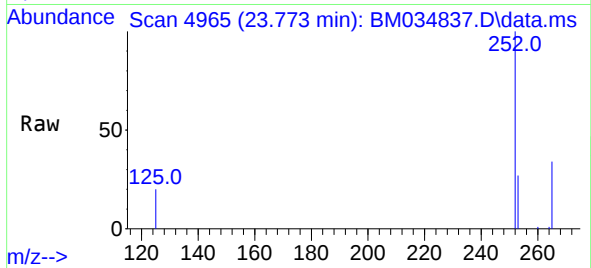




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.773 min Scan# 4966
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

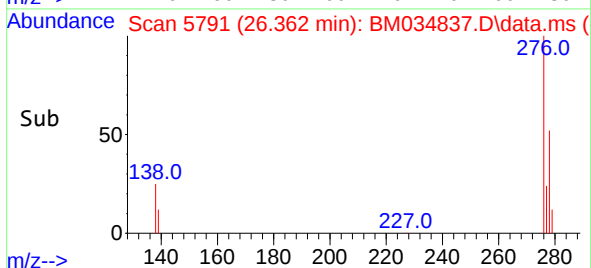
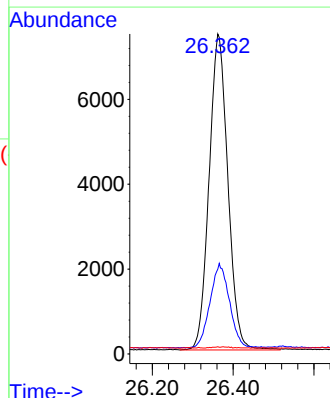
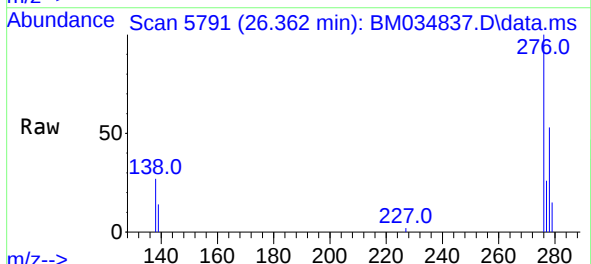
Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

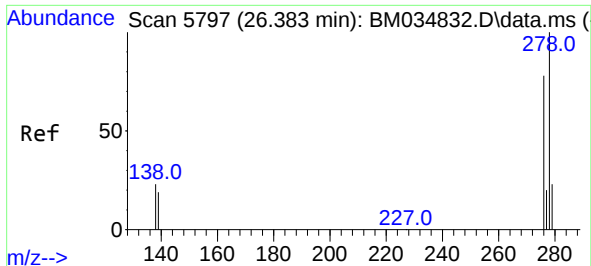
Tgt Ion:	252	Resp:	19598
Ion Ratio	Lower	Upper	
252	100		
253	27.2	32.0	48.0#
125	19.8	14.5	21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. 0.001 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:	276	Resp:	24020
Ion Ratio	Lower	Upper	
276	100		
138	27.6	15.8	23.6#
227	0.2	0.0	0.0#

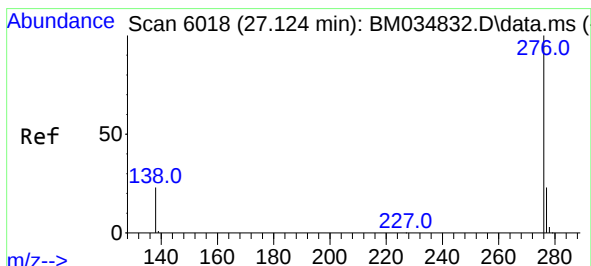
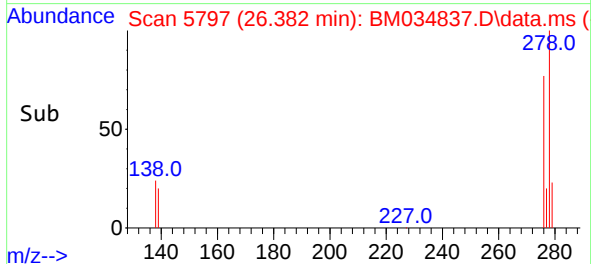
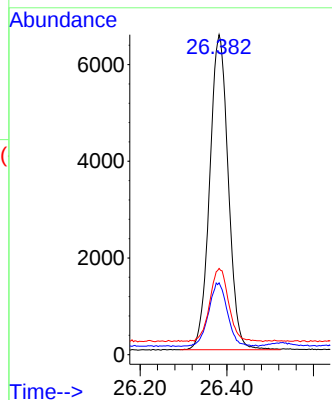
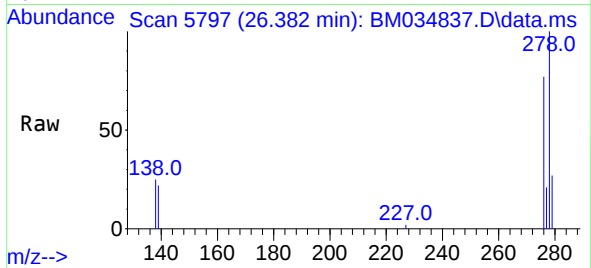




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.382 min Scan# 51
Delta R.T. -0.002 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Instrument :
BNA_M
ClientSampleId :
A0BM8MSD

Tgt Ion:278 Resp: 19425
Ion Ratio Lower Upper
278 100
139 22.5 18.0 27.0
279 27.0 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. 0.001 min
Lab File: BM034837.D
Acq: 26 Apr 2022 15:28

Tgt Ion:276 Resp: 20367
Ion Ratio Lower Upper
276 100
138 23.9 17.4 26.0
277 25.3 22.6 33.8

