

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037085.D
 Acq On : 15 Oct 2022 10:25
 Operator : CG/JU
 Sample : N5049-03DL 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG5DL

Quant Time: Oct 17 00:54:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

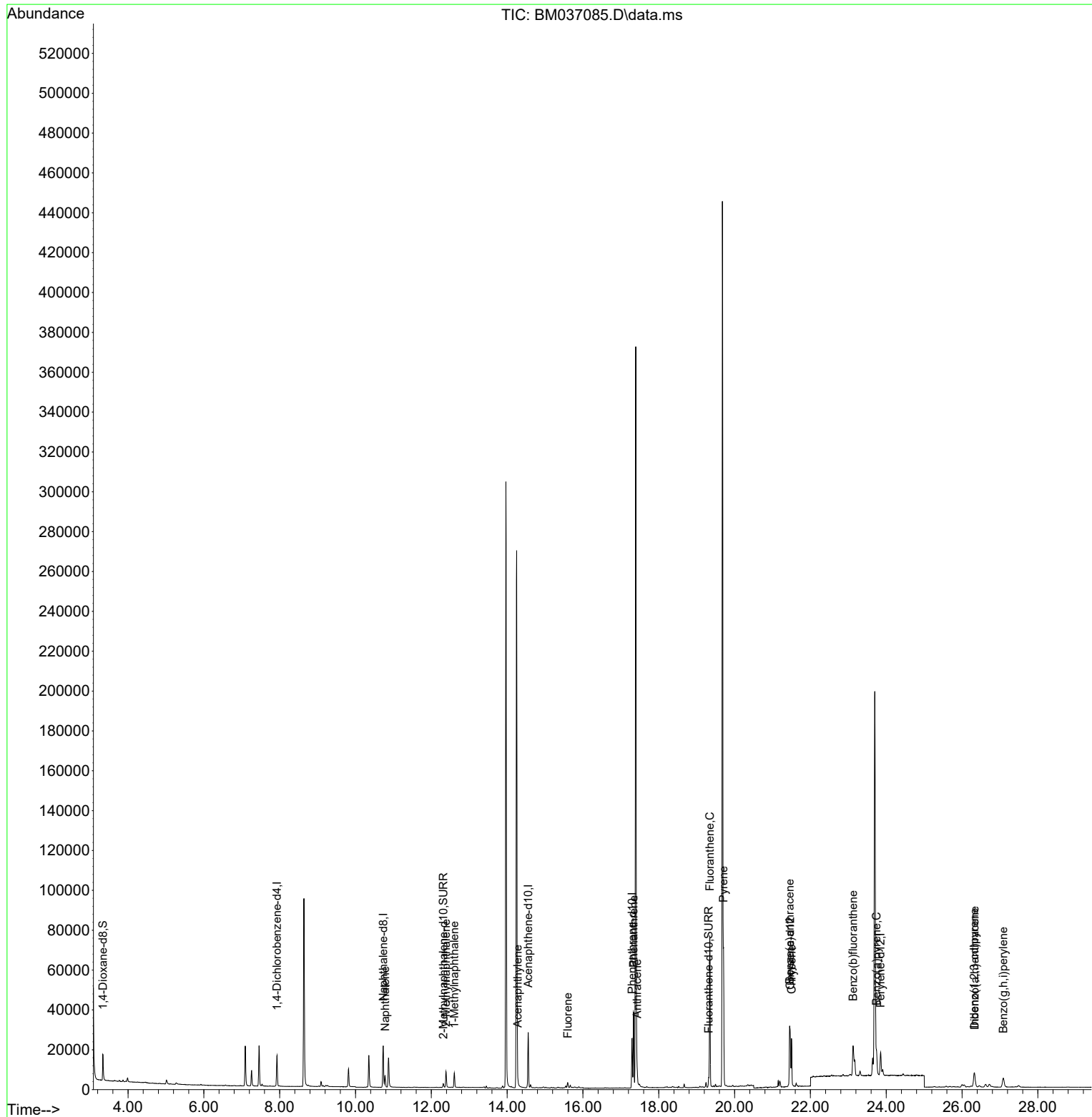
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7866	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	28163	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	15074	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	29487	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	18906	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	15629	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	8956	0.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2630	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	4794	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	7744	0.096	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	6025	0.122	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	5039	0.101	ng/ul	100
10) Acenaphthylene	14.279	152	2714	0.043	ng/ul#	87
12) Fluorene	15.602	166	1587	0.026	ng/ul#	94
15) Phenanthrene	17.334	178	40810	0.434	ng/ul	99
16) Anthracene	17.427	178	6743	0.086	ng/ul	98
19) Fluoranthene	19.345	202	63101	0.839	ng/ul	99
20) Pyrene	19.707	202	52127	0.665	ng/ul	99
21) Benzo(a)anthracene	21.450	228	22086	0.323	ng/ul	99
22) Chrysene	21.503	228	24596	0.335	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	26952	0.386	ng/ul	96
26) Benzo(a)pyrene	23.745	252	15084	0.266	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.323	276	12182	0.152	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.333	278	3195	0.049	ng/ul#	71
29) Benzo(g,h,i)perylene	27.087	276	10149	0.144	ng/ul	97

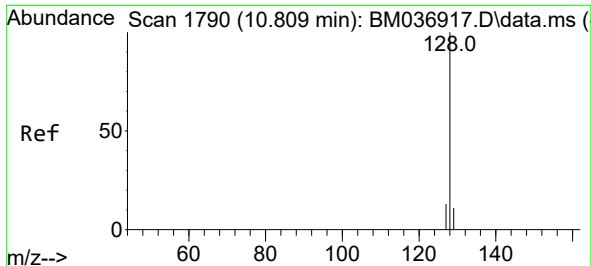
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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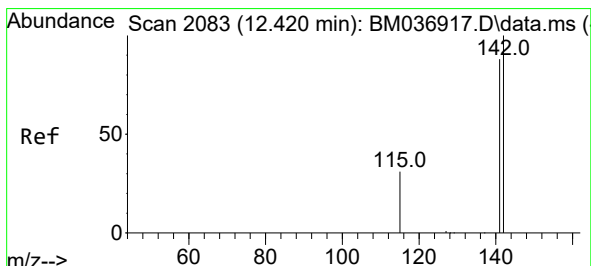
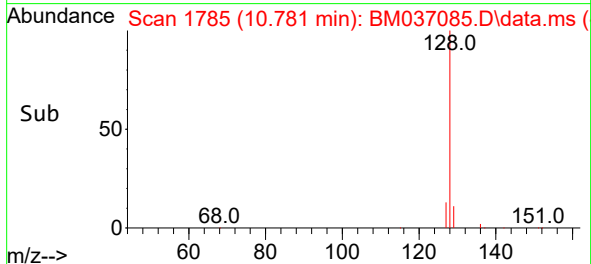
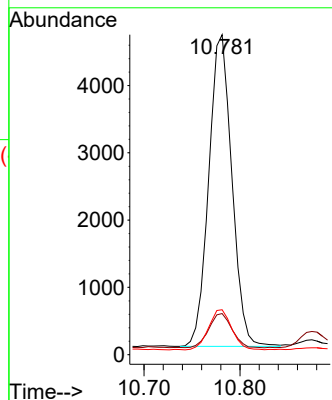
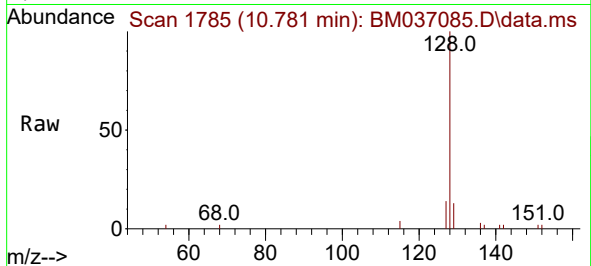




#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

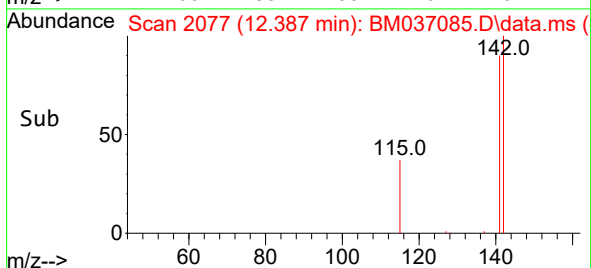
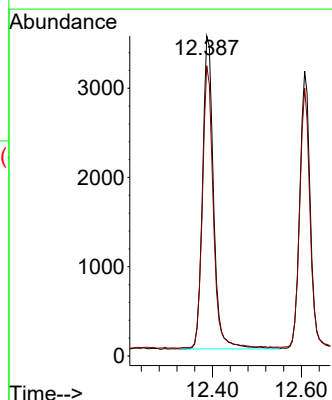
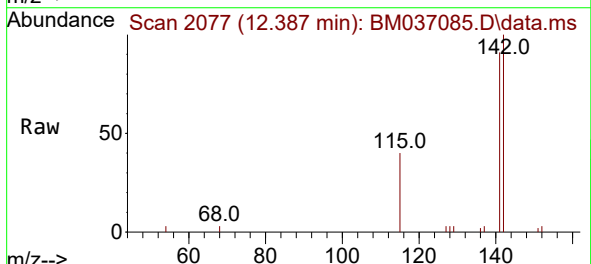
Instrument :
BNA_M
ClientSampleId :
C0BG5DL

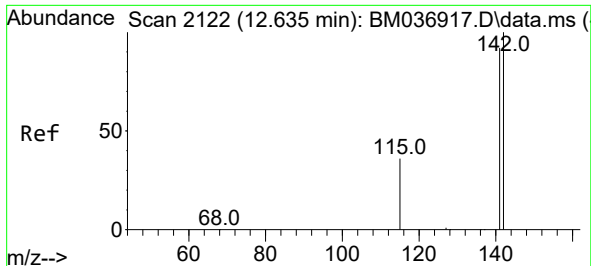
Tgt Ion:128 Resp: 7744
Ion Ratio Lower Upper
128 100
129 12.8 10.2 15.2
127 14.0 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

Tgt Ion:142 Resp: 6025
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0

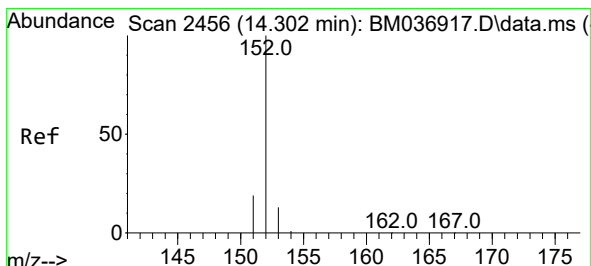
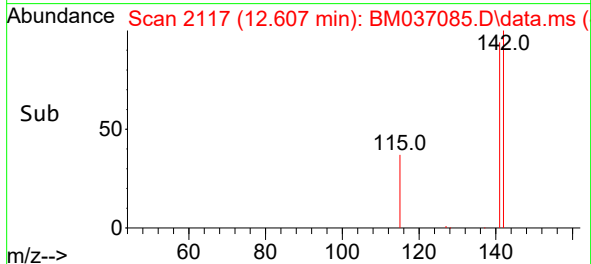
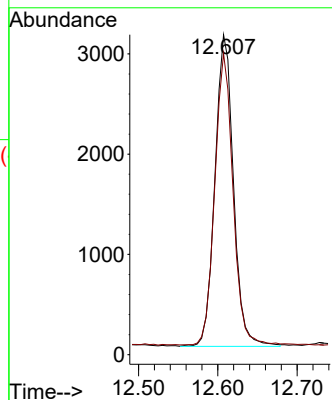
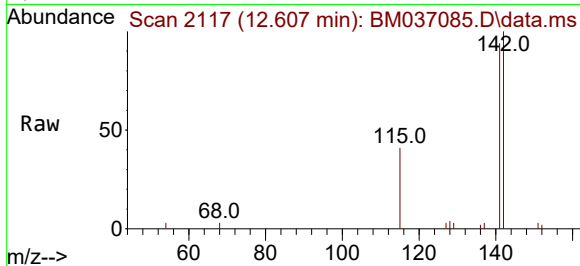




#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.607 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

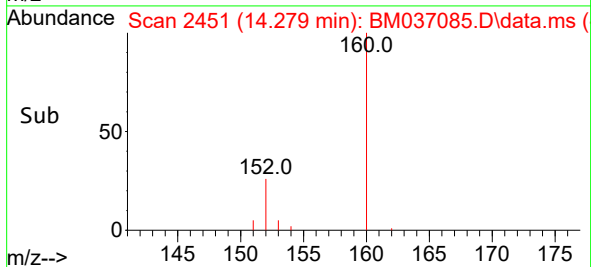
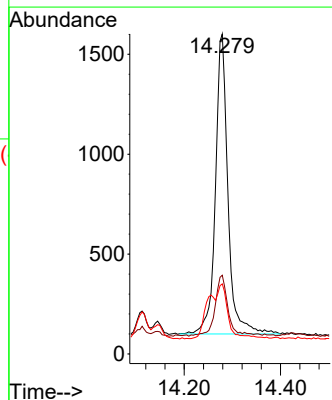
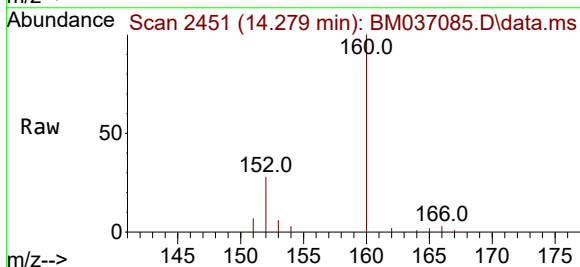
Instrument :
BNA_M
ClientSampleId :
C0BG5DL

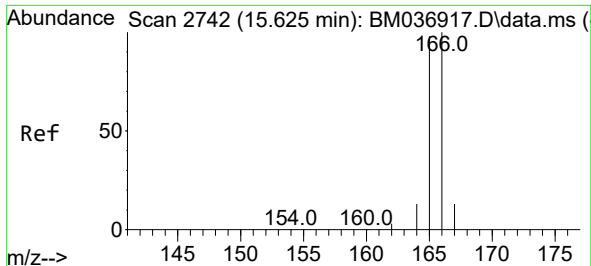
Tgt Ion:142 Resp: 5039
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

Tgt Ion:152 Resp: 2714
Ion Ratio Lower Upper
152 100
151 24.6 16.6 24.8
153 21.9 11.4 17.0#

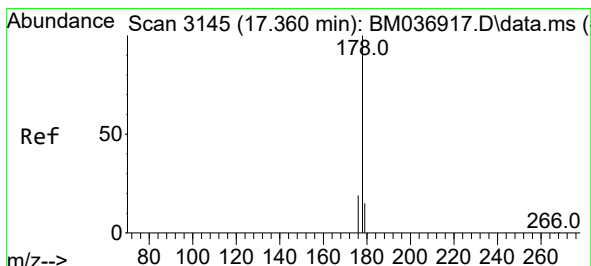
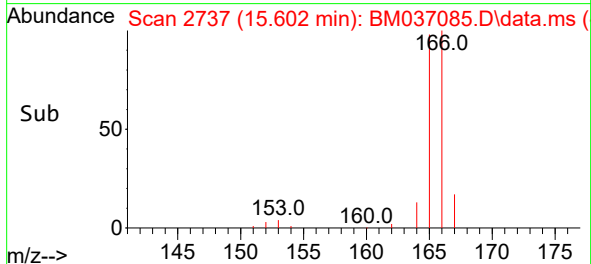
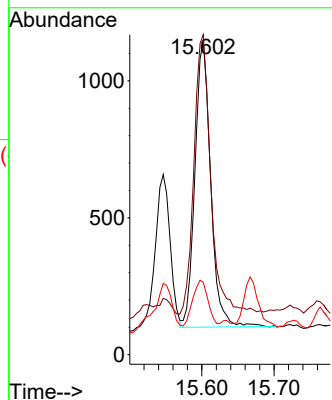
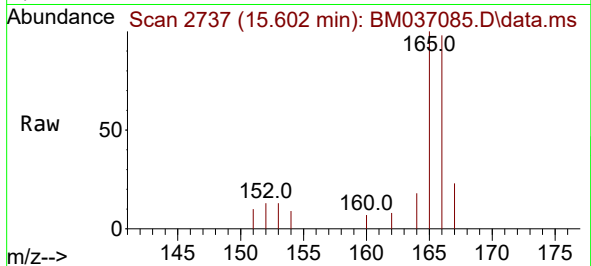




#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

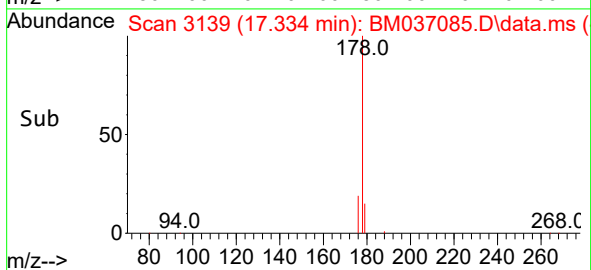
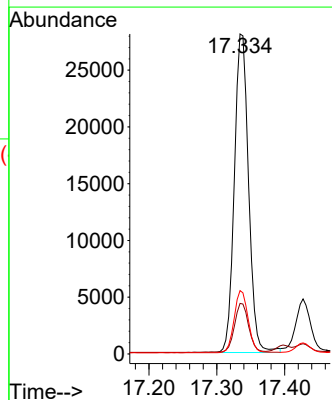
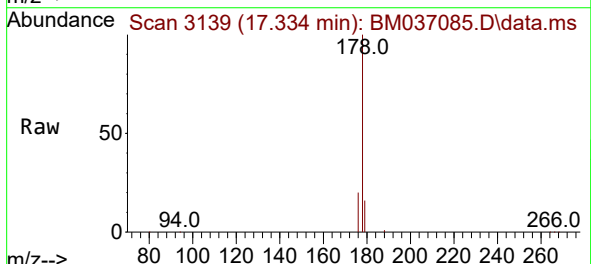
Instrument :
BNA_M
ClientSampleId :
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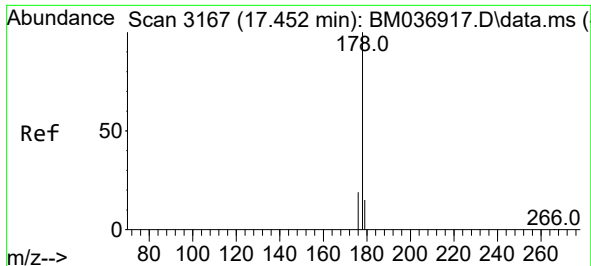
Tgt Ion:166 Resp: 1587
Ion Ratio Lower Upper
166 100
165 101.8 78.9 118.3
167 23.1 11.3 16.9#



#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

Tgt Ion:178 Resp: 40810
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.8 15.6 23.4

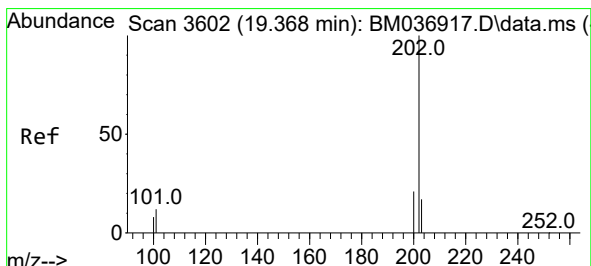
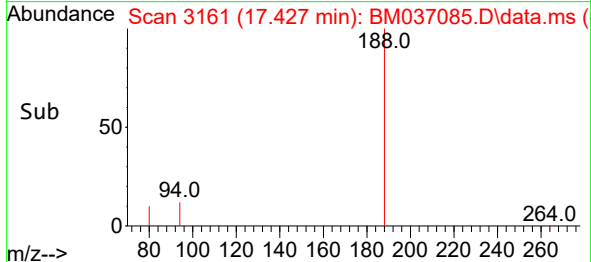
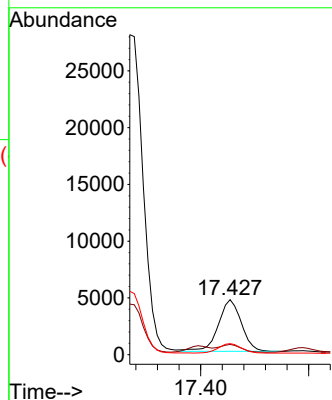
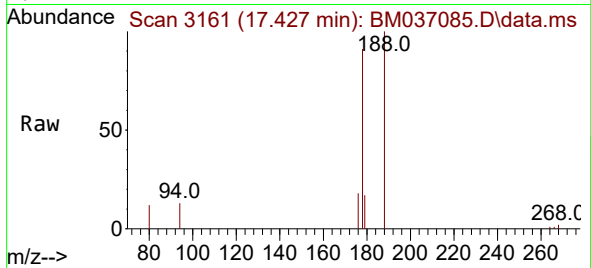




#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM037085.D
 Acq: 15 Oct 2022 10:25

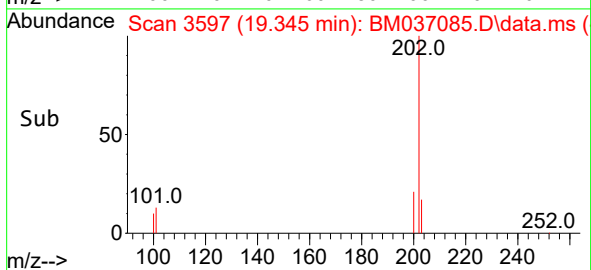
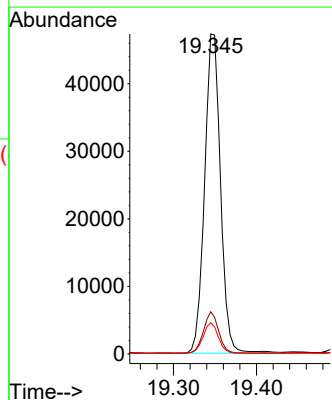
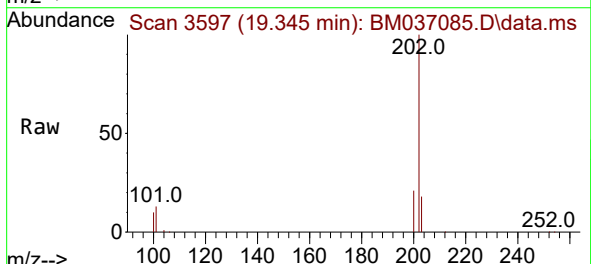
Instrument :
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 ClientSampleId :
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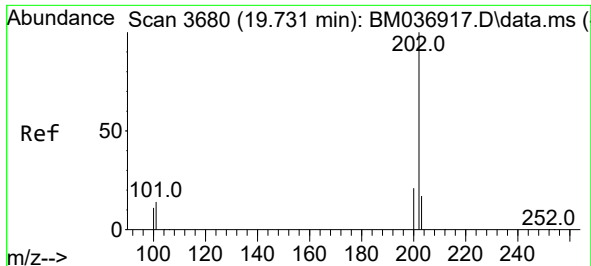
Tgt Ion:178 Resp: 6743
 Ion Ratio Lower Upper
 178 100
 179 18.6 13.6 20.4
 176 20.1 15.6 23.4



#19
 Fluoranthene
 Concen: 0.839 ng/ul
 RT: 19.345 min Scan# 3597
 Delta R.T. -0.005 min
 Lab File: BM037085.D
 Acq: 15 Oct 2022 10:25

Tgt Ion:202 Resp: 63101
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.1 15.1
 100 9.8 7.9 11.9

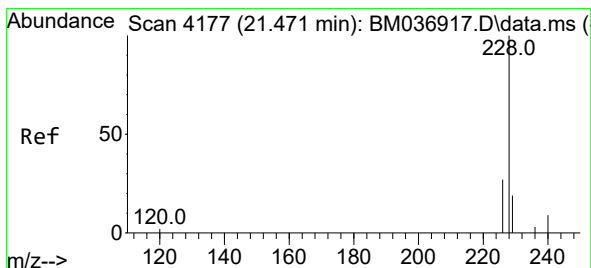
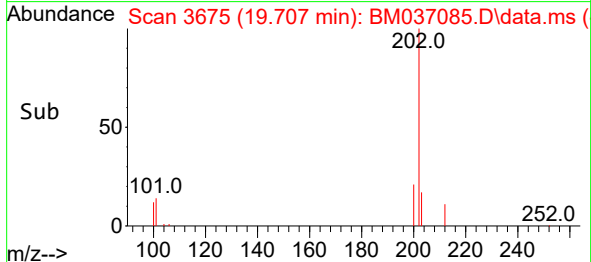
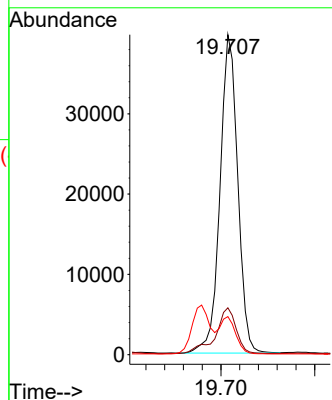
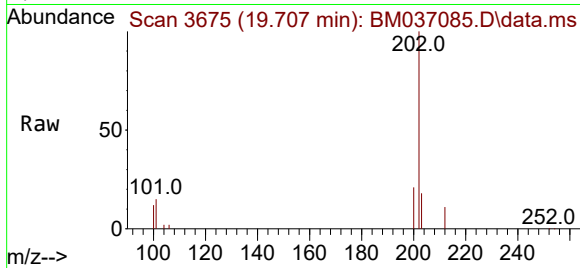




#20
Pyrene
Concen: 0.665 ng/ul
RT: 19.707 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

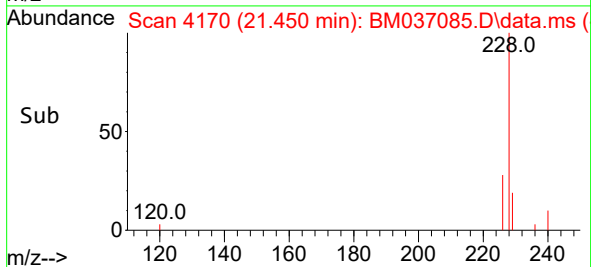
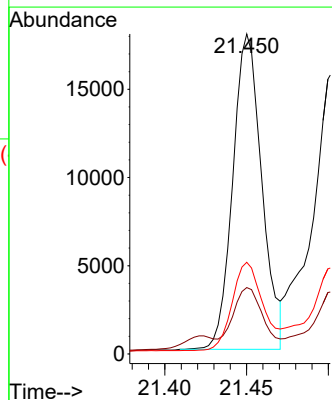
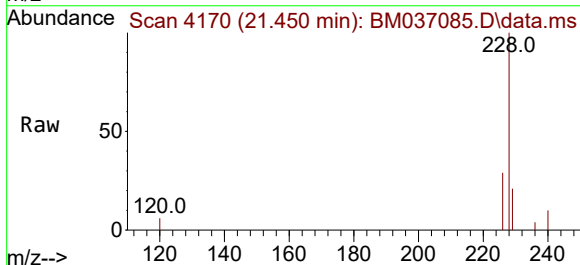
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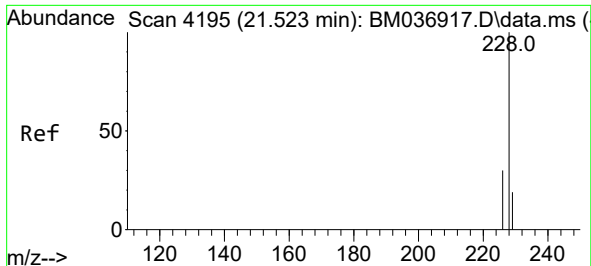
Tgt Ion:202 Resp: 52127
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.9 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

Tgt Ion:228 Resp: 22086
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 28.6 22.5 33.7





#22

Chrysene

Concen: 0.335 ng/ul

RT: 21.503 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM037085.D

Acq: 15 Oct 2022 10:25

Instrument :

BNA_M

ClientSampleId :

C0BG5DL

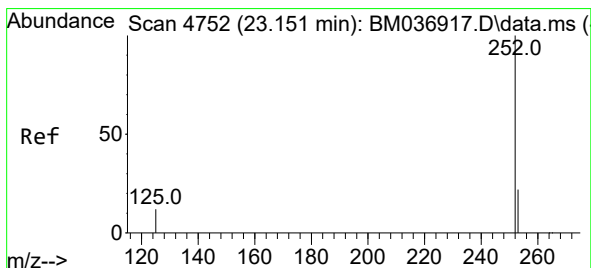
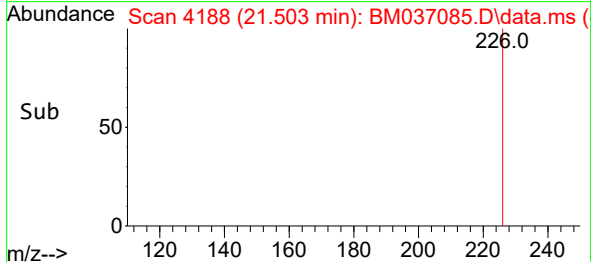
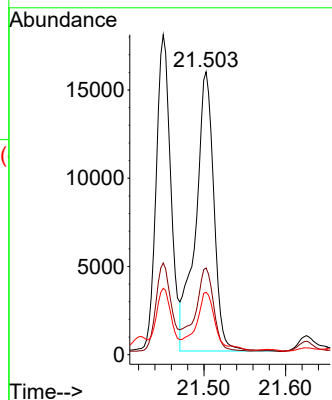
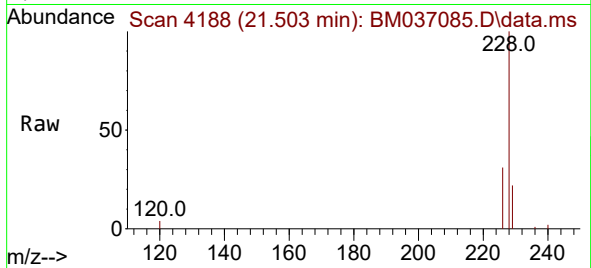
Tgt Ion:228 Resp: 24596

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 22.1 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.386 ng/ul

RT: 23.128 min Scan# 4744

Delta R.T. 0.006 min

Lab File: BM037085.D

Acq: 15 Oct 2022 10:25

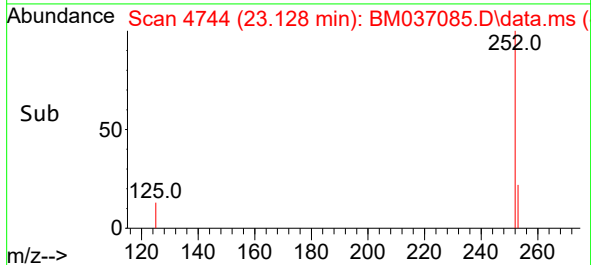
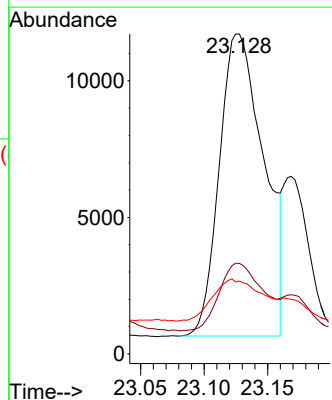
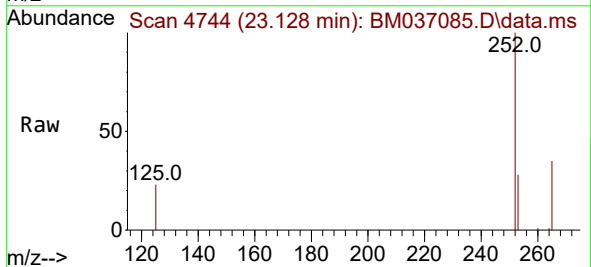
Tgt Ion:252 Resp: 26952

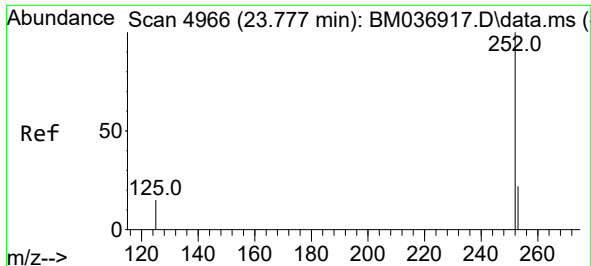
Ion Ratio Lower Upper

252 100

253 28.3 0.0 61.4

125 22.8 0.0 42.6

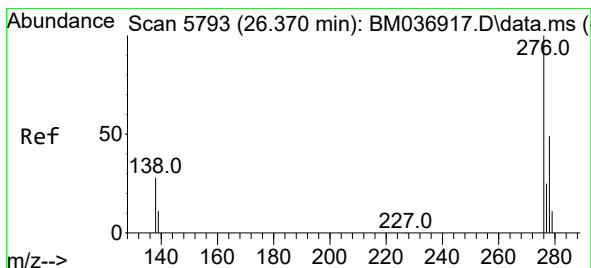
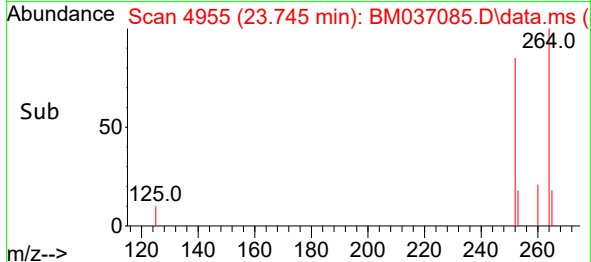
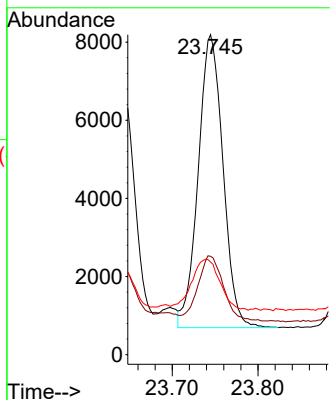
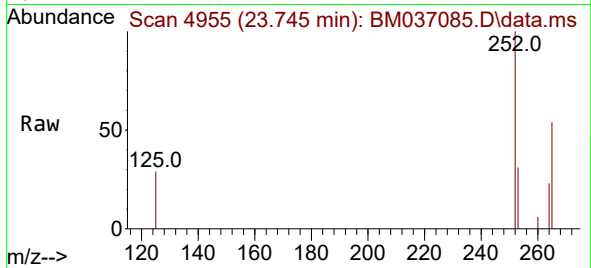




#26
Benzo(a)pyrene
Concen: 0.266 ng/ul
RT: 23.745 min Scan# 4966
Delta R.T. -0.000 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

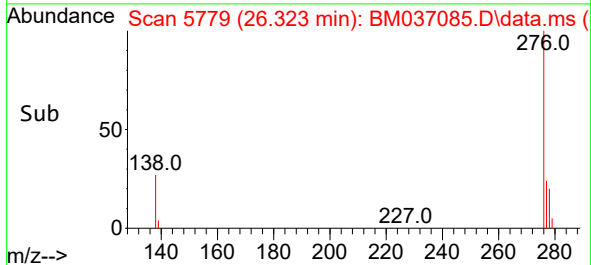
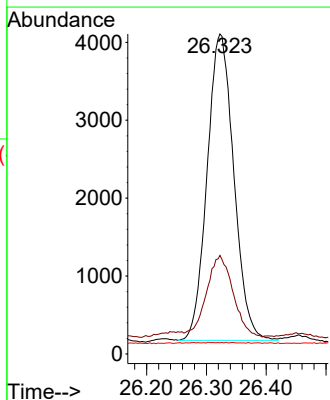
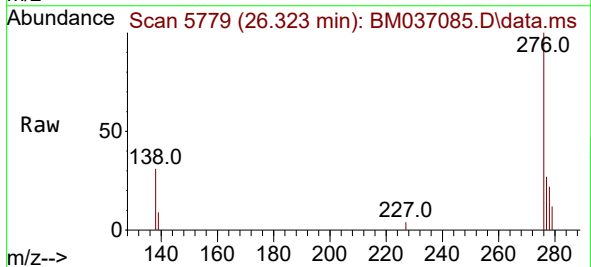
Instrument :
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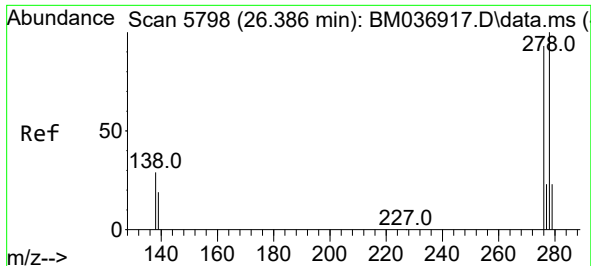
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Ion Ratio Lower Upper
252 100
253 30.7 29.7 44.5
125 29.0 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.003 min
Lab File: BM037085.D
Acq: 15 Oct 2022 10:25

Tgt Ion:276 Resp: 12182
Ion Ratio Lower Upper
276 100
138 26.6 23.9 35.9
227 0.0 0.1 0.1#

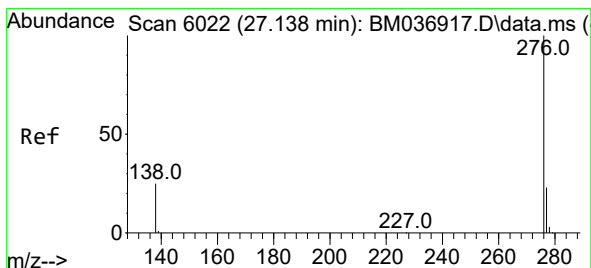
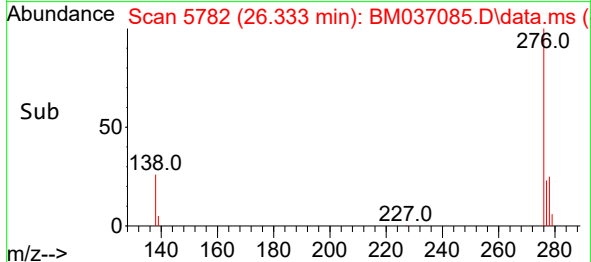
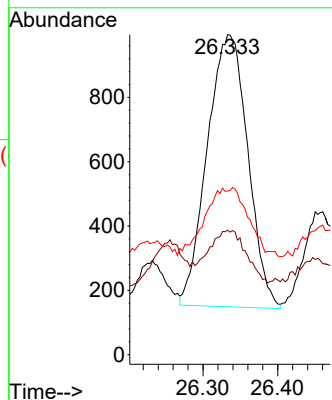
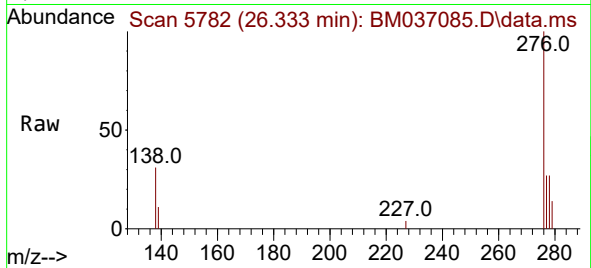




#28
 Dibenzo(a,h)anthracene
 Concen: 0.049 ng/ul
 RT: 26.333 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM037085.D
 Acq: 15 Oct 2022 10:25

Instrument :
 BNA_M
 ClientSampleId :
 C0BG5DL

Tgt Ion:278 Resp: 3195
 Ion Ratio Lower Upper
 278 100
 139 38.9 19.8 29.6#
 279 51.2 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.144 ng/ul
 RT: 27.087 min Scan# 6007
 Delta R.T. 0.000 min
 Lab File: BM037085.D
 Acq: 15 Oct 2022 10:25

Tgt Ion:276 Resp: 10149
 Ion Ratio Lower Upper
 276 100
 138 31.4 23.4 35.0
 277 27.0 21.0 31.4

