

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM047985.D
 Acq On : 10 Oct 2024 19:24
 Operator : RC/JU
 Sample : P4207-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EY052MSD

Quant Time: Oct 10 23:44:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 18:01:13 2024
 Response via : Initial Calibration

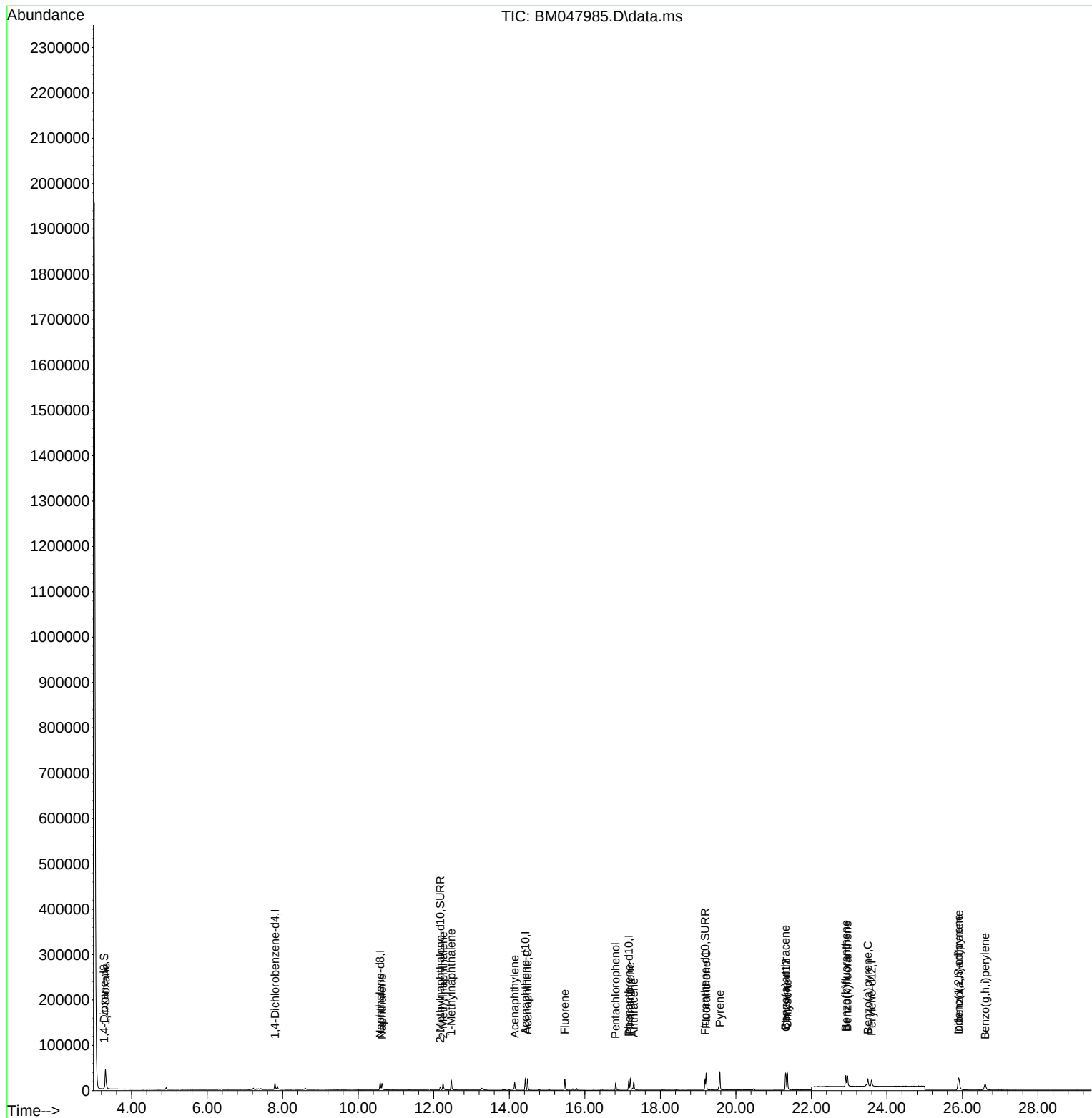
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	8568	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	26094	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.424	164	14435	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	26638	0.400	ng/ul	0.00
17) Chrysene-d12	21.330	240	23496	0.400	ng/ul	0.00
23) Perylene-d12	23.595	264	20825	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	2794	0.254	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	10545	0.303	ng/ul	0.00
18) Fluoranthene-d10	19.183	212	26911	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	41471	3.148	ng/ul#	80
5) Naphthalene	10.629	128	21754	0.306	ng/ul	100
7) 2-Methylnaphthalene	12.245	142	13153	0.308	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	16383	0.366	ng/ul	100
10) Acenaphthylene	14.141	152	21170	0.302	ng/ul	99
11) Acenaphthene	14.484	153	15683	0.326	ng/ul	99
12) Fluorene	15.469	166	17922	0.329	ng/ul	99
14) Pentachlorophenol	16.816	266	11778	1.470	ng/ul	100
15) Phenanthrene	17.205	178	28778	0.364	ng/ul	99
16) Anthracene	17.298	178	23588	0.335	ng/ul	99
19) Fluoranthene	19.216	202	35200	0.356	ng/ul	95
20) Pyrene	19.574	202	37841	0.360	ng/ul	98
21) Benzo(a)anthracene	21.312	228	31592	0.318	ng/ul	100
22) Chrysene	21.365	228	35056	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.911	252	32406	0.358	ng/ul	98
25) Benzo(k)fluoranthene	22.955	252	34059	0.374	ng/ul	98
26) Benzo(a)pyrene	23.496	252	26837	0.376	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.893	276	37954	0.334	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.906	278	29127	0.339	ng/ul	97
29) Benzo(g,h,i)perylene	26.601	276	31174	0.341	ng/ul	97

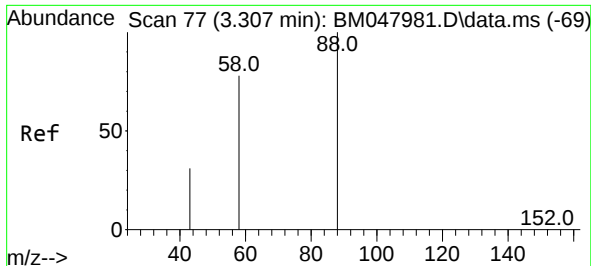
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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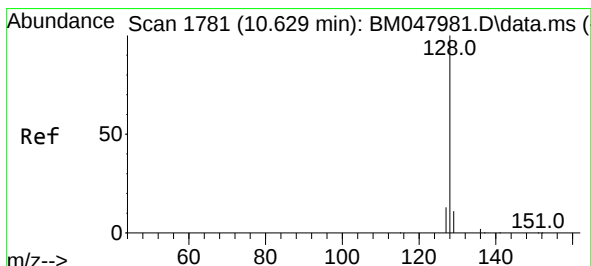
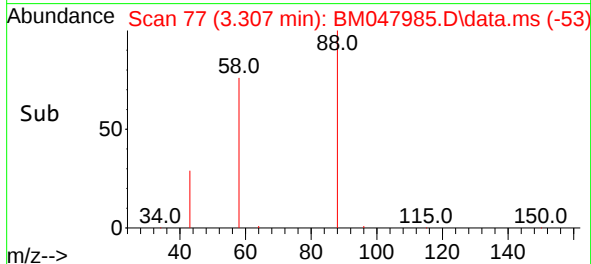
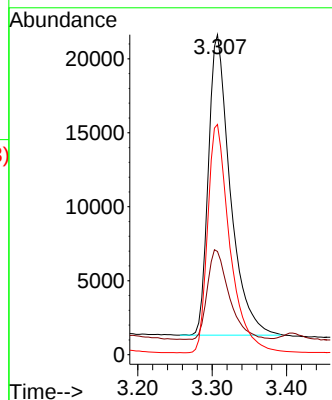
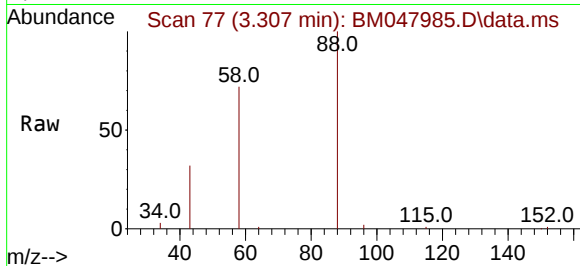




#2
1,4-Dioxane
Concen: 3.148 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

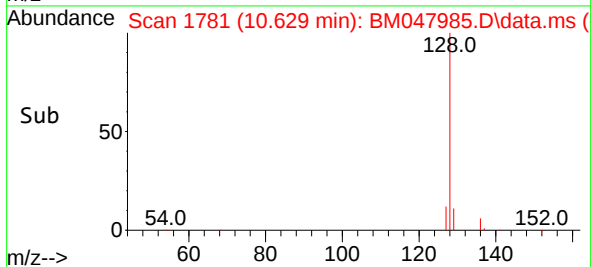
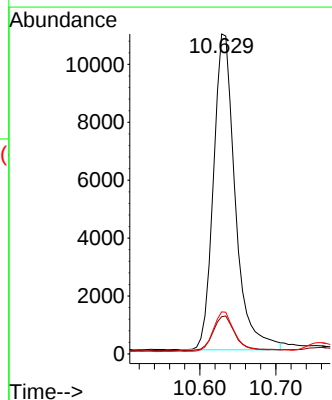
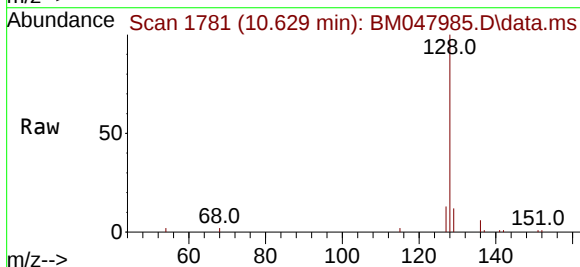
Instrument :
BNA_M
ClientSampleId :
EY052MSD

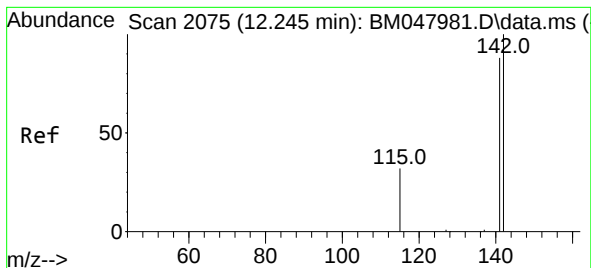
Tgt Ion: 88 Resp: 41471
Ion Ratio Lower Upper
88 100
43 32.3 30.9 46.3
58 72.0 42.5 63.7#



#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.629 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion: 128 Resp: 21754
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.1 10.4 15.6

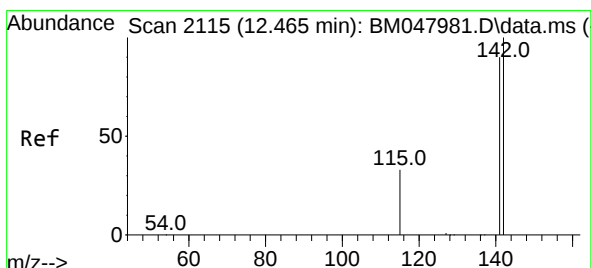
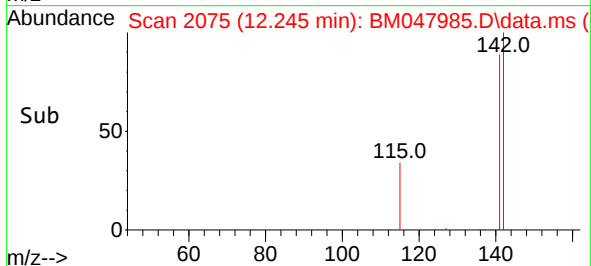
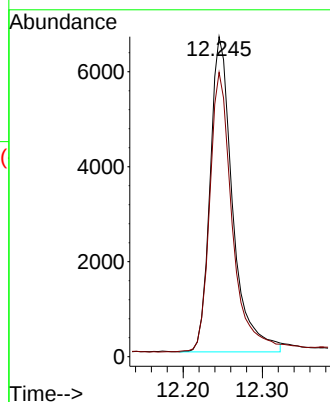
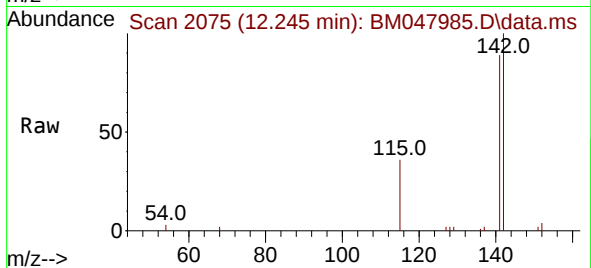




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.245 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

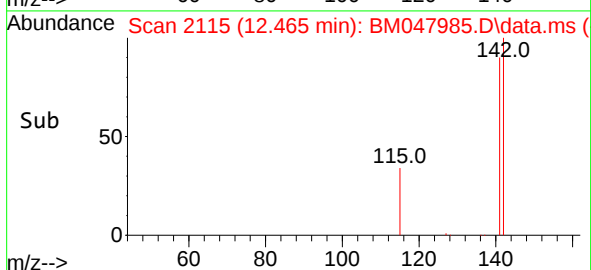
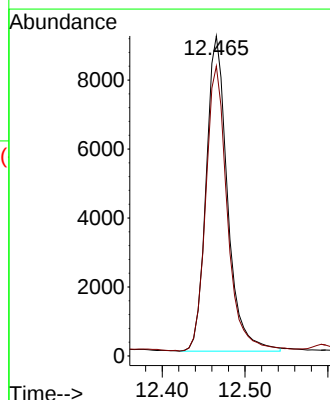
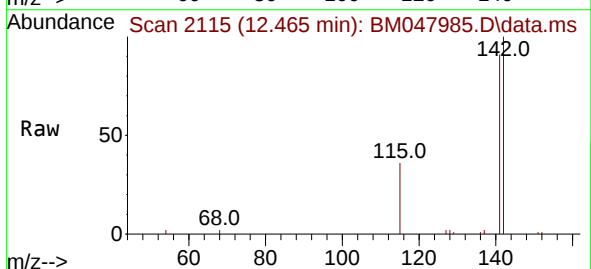
Instrument :
BNA_M
ClientSampleId :
EY052MSD

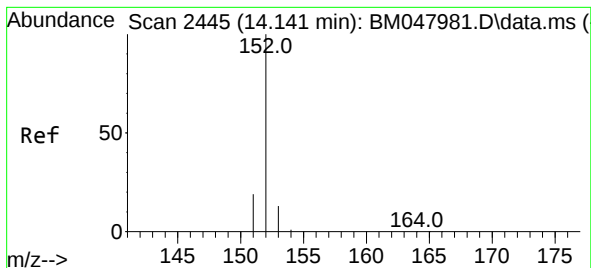
Tgt Ion:142 Resp: 13153
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.465 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion:142 Resp: 16383
Ion Ratio Lower Upper
142 100
141 90.9 72.9 109.3





#10

Acenaphthylene

Concen: 0.302 ng/ul

RT: 14.141 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BM047985.D

Acq: 10 Oct 2024 19:24

Instrument :

BNA_M

ClientSampleId :

EY052MSD

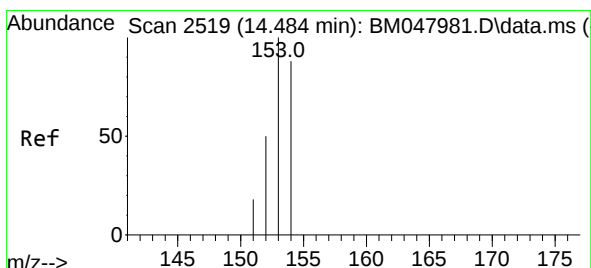
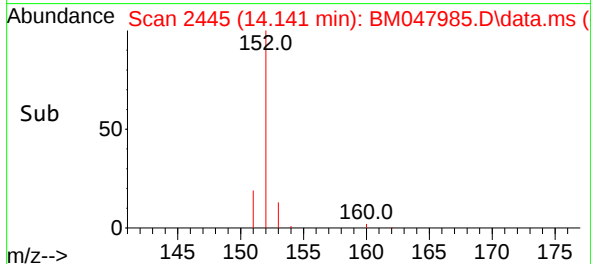
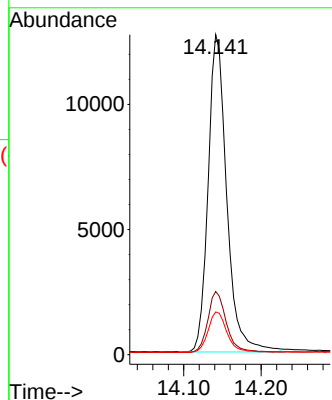
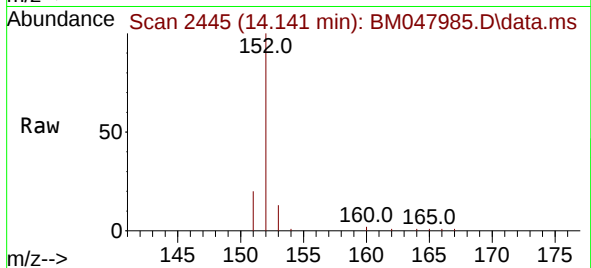
Tgt Ion:152 Resp: 21170

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

153 13.3 10.7 16.1



#11

Acenaphthene

Concen: 0.326 ng/ul

RT: 14.484 min Scan# 2519

Delta R.T. 0.000 min

Lab File: BM047985.D

Acq: 10 Oct 2024 19:24

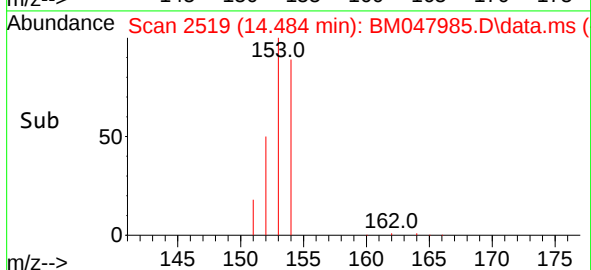
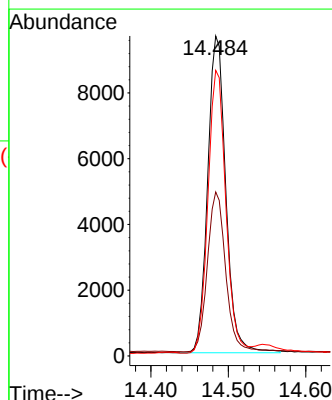
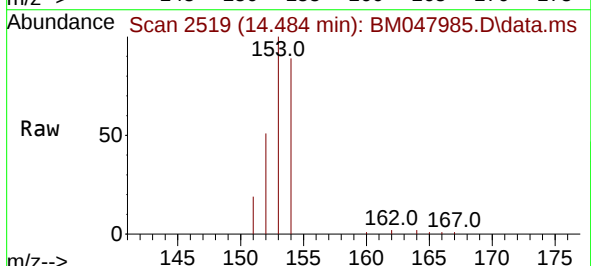
Tgt Ion:153 Resp: 15683

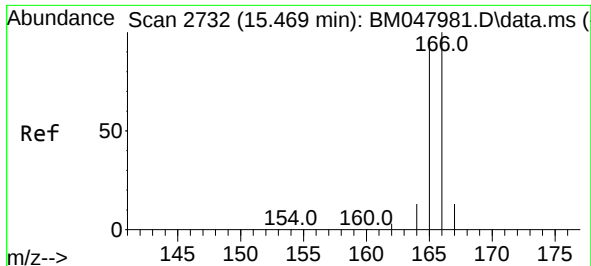
Ion Ratio Lower Upper

153 100

152 51.3 41.7 62.5

154 89.3 71.2 106.8

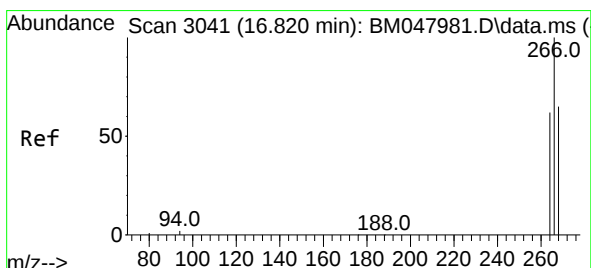
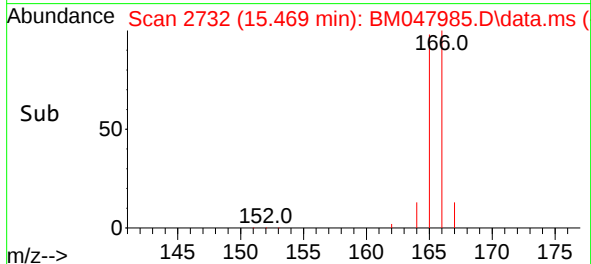
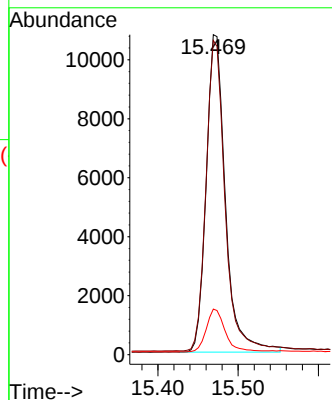
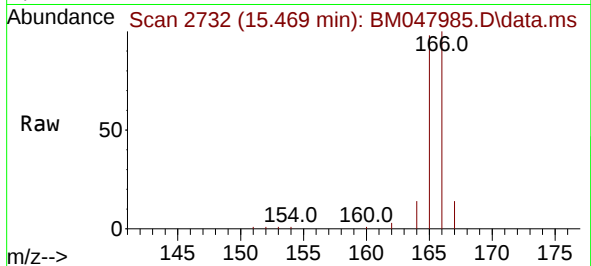




#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.469 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

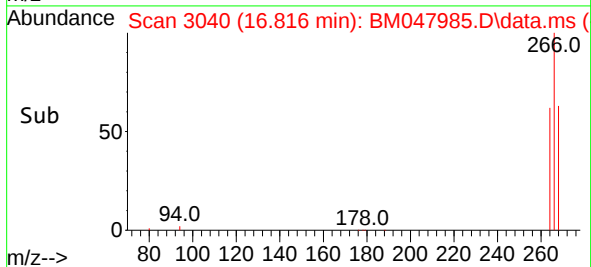
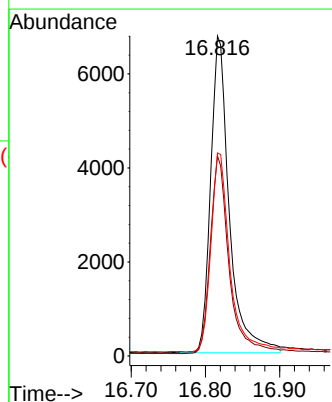
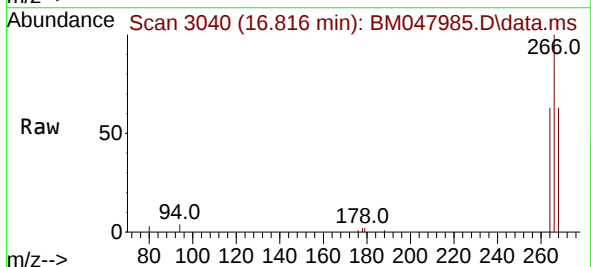
Instrument :
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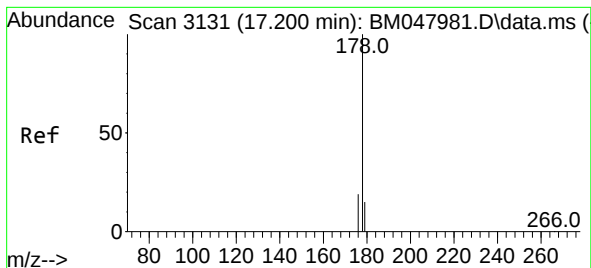
Tgt Ion:166	Resp:	17922
Ion	Ratio	Lower Upper
166	100	
165	98.2	79.4 119.2
167	14.3	11.4 17.0



#14
Pentachlorophenol
Concen: 1.470 ng/ul
RT: 16.816 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion:266	Resp:	11778
Ion	Ratio	Lower Upper
266	100	
264	62.6	49.8 74.8
268	63.8	51.2 76.8





#15

Phenanthrene

Concen: 0.364 ng/ul

RT: 17.205 min Scan# 3131

Delta R.T. 0.004 min

Lab File: BM047985.D

Acq: 10 Oct 2024 19:24

Instrument :

BNA_M

ClientSampleId :

EY052MSD

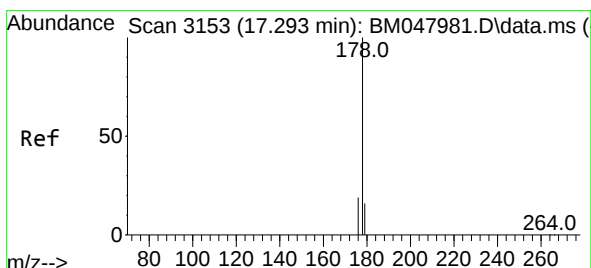
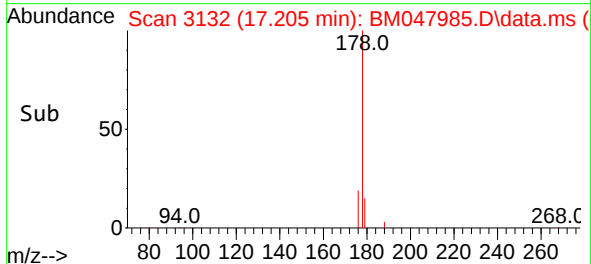
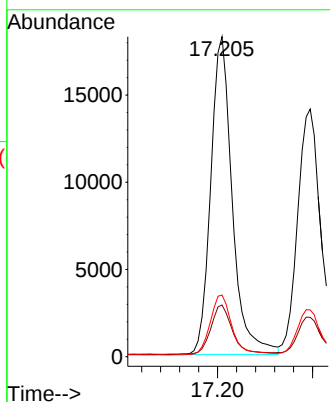
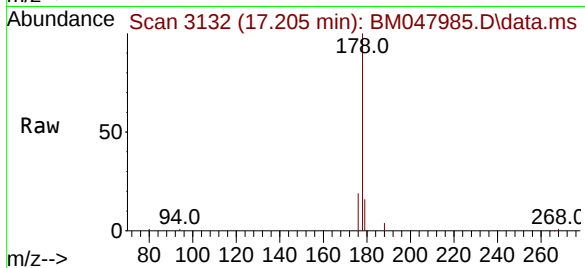
Tgt Ion:178 Resp: 28778

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

176 19.2 15.9 23.9



#16

Anthracene

Concen: 0.335 ng/ul

RT: 17.298 min Scan# 3154

Delta R.T. 0.004 min

Lab File: BM047985.D

Acq: 10 Oct 2024 19:24

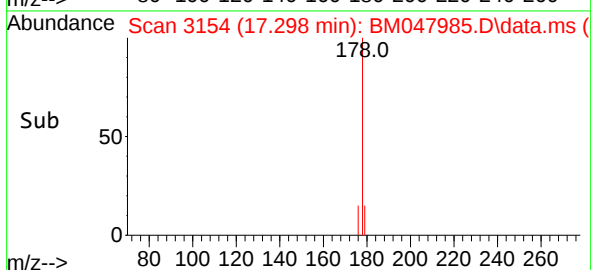
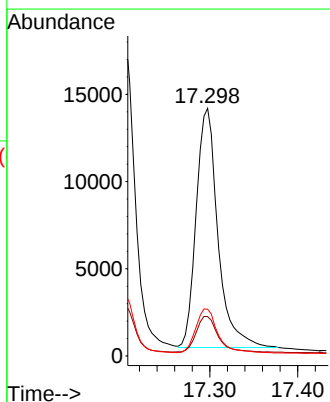
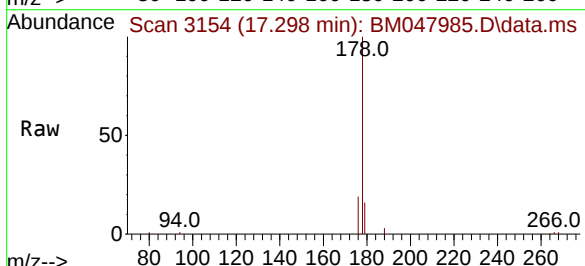
Tgt Ion:178 Resp: 23588

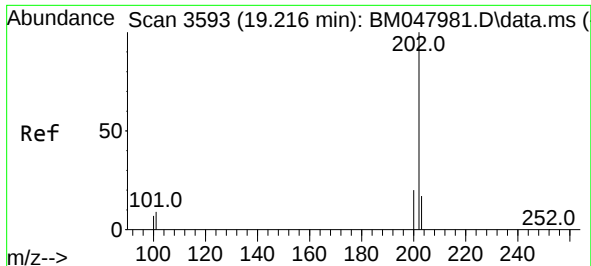
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.4

176 18.8 15.4 23.2

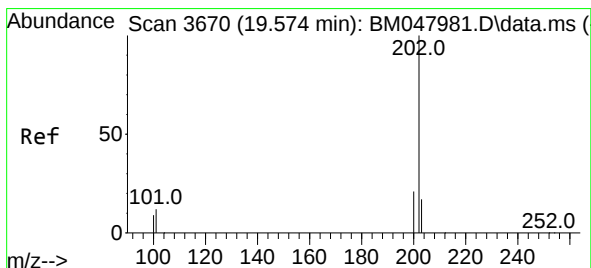
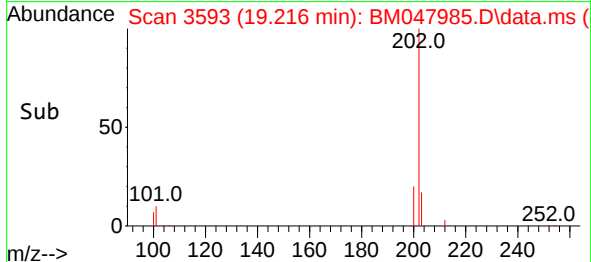
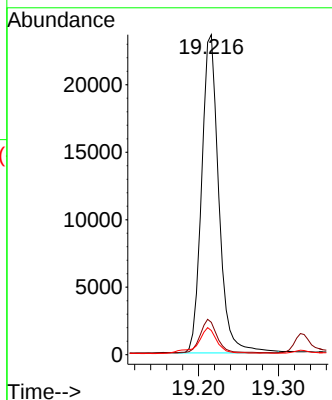
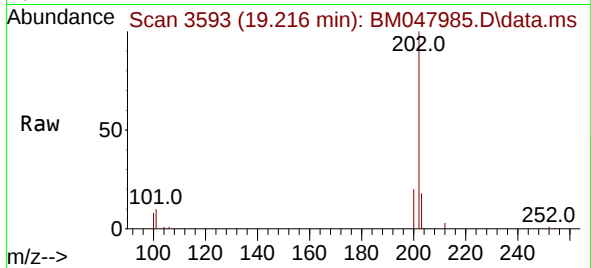




#19
Fluoranthene
Concen: 0.356 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

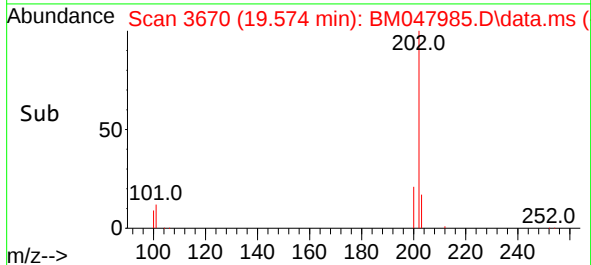
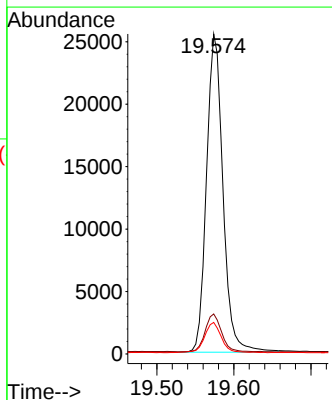
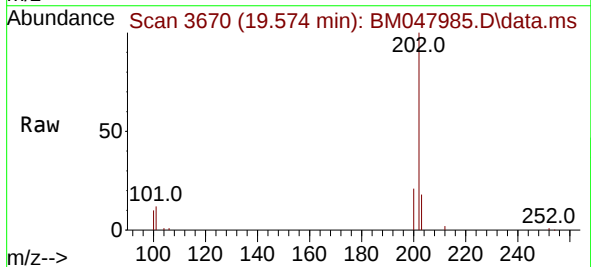
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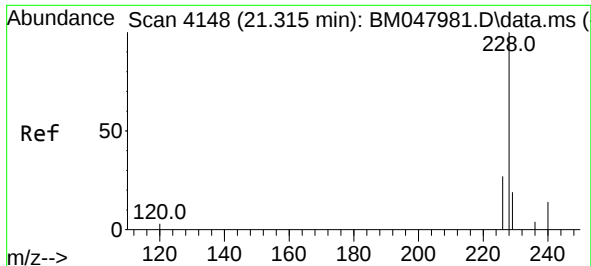
Tgt Ion:202 Resp: 35200
Ion Ratio Lower Upper
202 100
101 10.1 9.8 14.6
100 7.6 7.4 11.2



#20
Pyrene
Concen: 0.360 ng/u1
RT: 19.574 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion:202 Resp: 37841
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.8 8.2 12.2

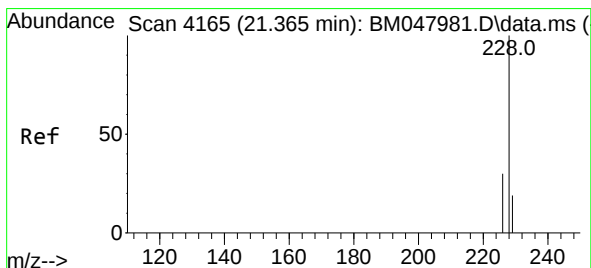
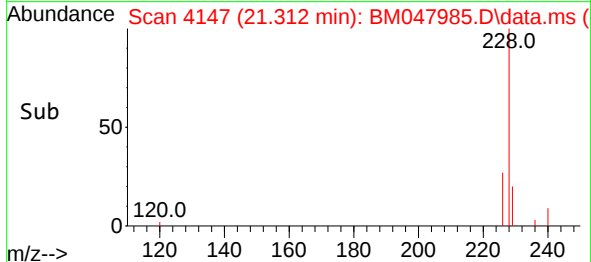
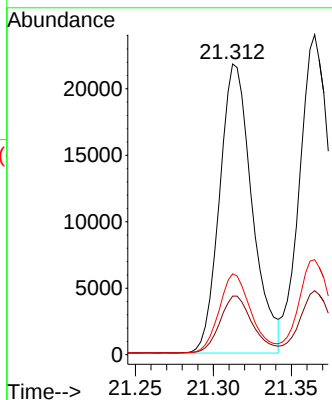
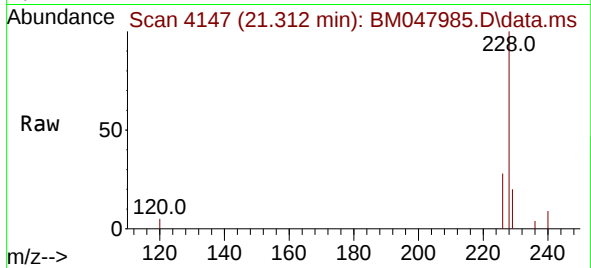




#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.312 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

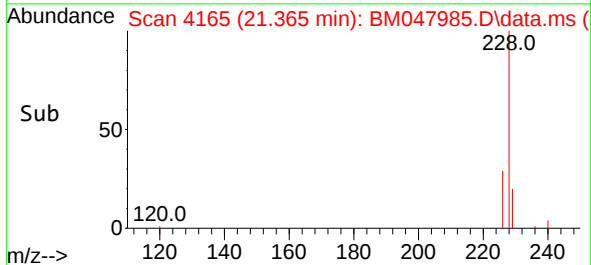
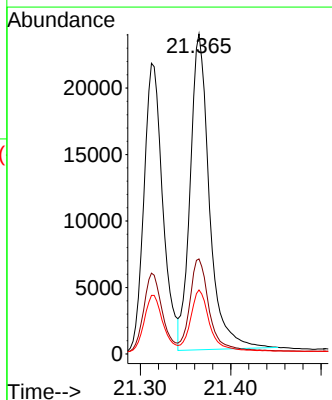
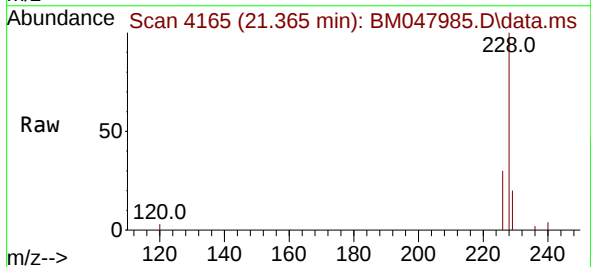
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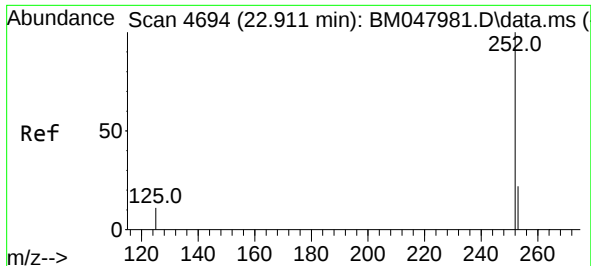
Tgt Ion:228 Resp: 31592
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.365 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion:228 Resp: 35056
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 20.0 15.7 23.5

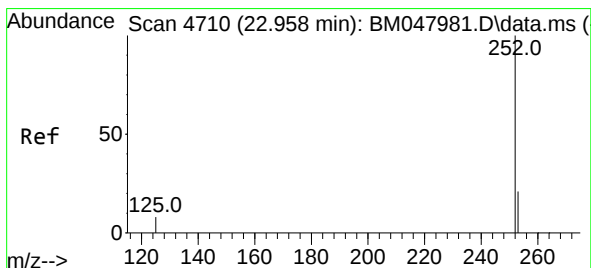
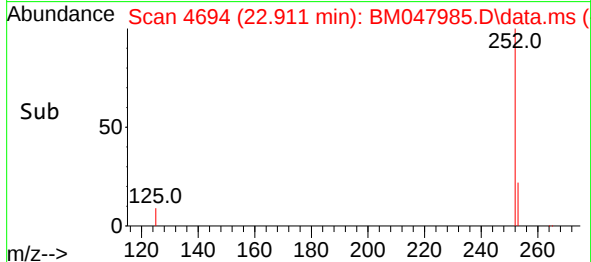
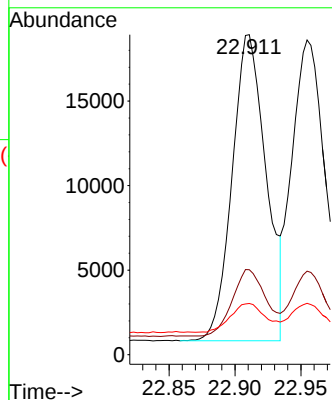
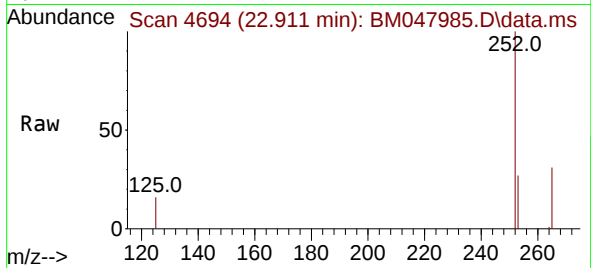




#24
Benzo(b)fluoranthene
Concen: 0.358 ng/ul
RT: 22.911 min Scan# 4708
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

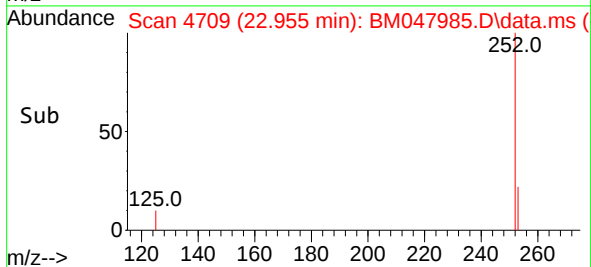
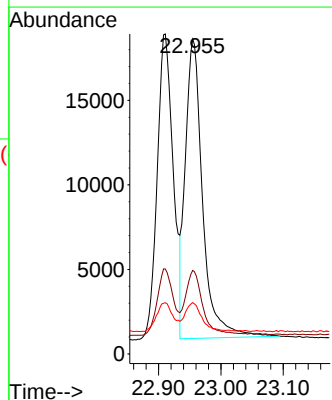
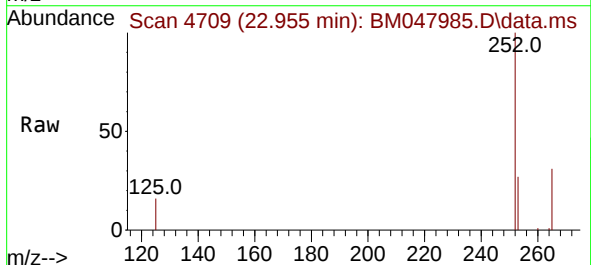
Instrument :
BNA_M
ClientSampleId :
EY052MSD

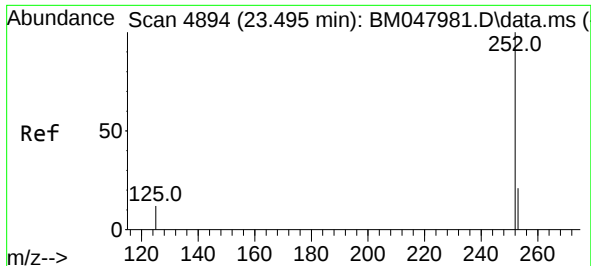
Tgt Ion:252 Resp: 32406
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.4
125 16.0 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. -0.003 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion:252 Resp: 34059
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.6
125 16.3 14.6 21.8

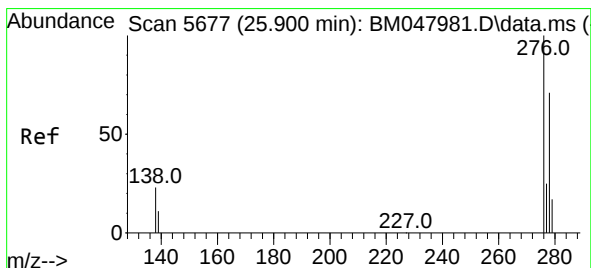
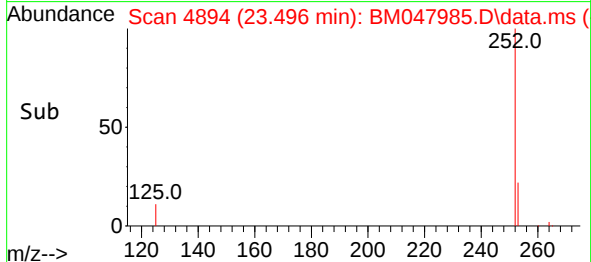
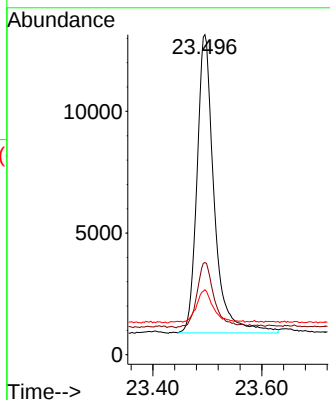
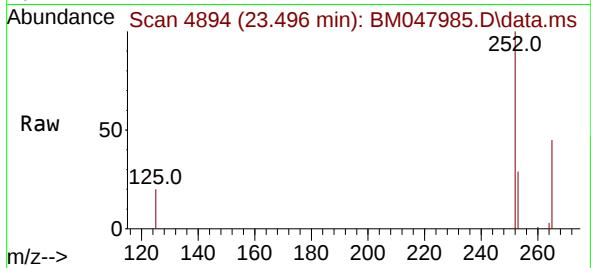




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.496 min Scan# 4894
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

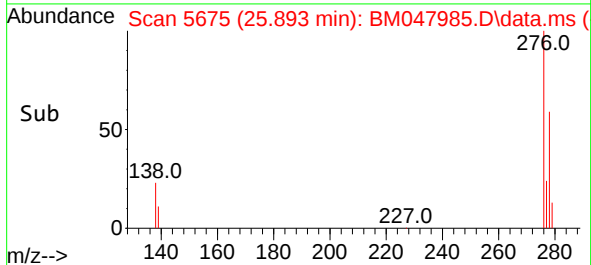
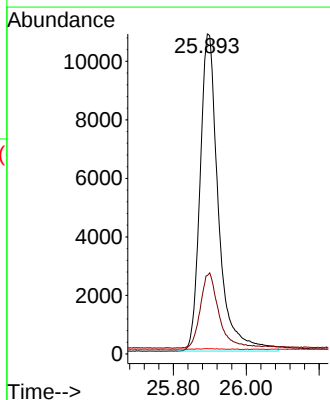
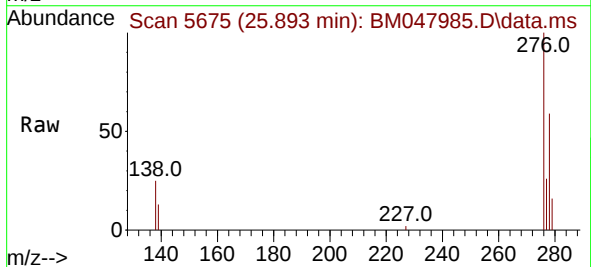
Instrument :
BNA_M
ClientSampleId :
EY052MSD

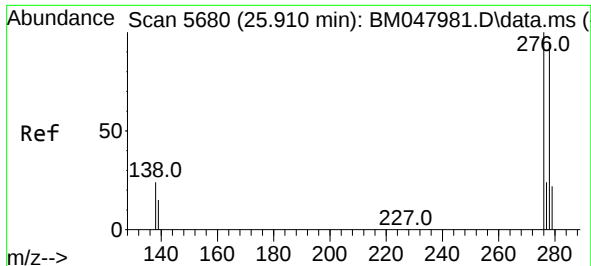
Tgt Ion:	252	Resp:	26837
Ion Ratio	Lower	Upper	
252	100		
253	28.8	23.0	34.4
125	20.3	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.893 min Scan# 5675
Delta R.T. -0.007 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

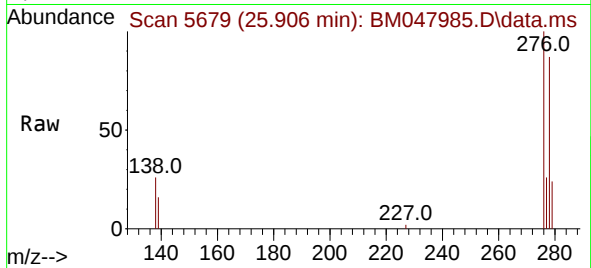
Tgt Ion:	276	Resp:	37954
Ion Ratio	Lower	Upper	
276	100		
138	24.1	22.0	33.0
227	0.1	0.2	0.4



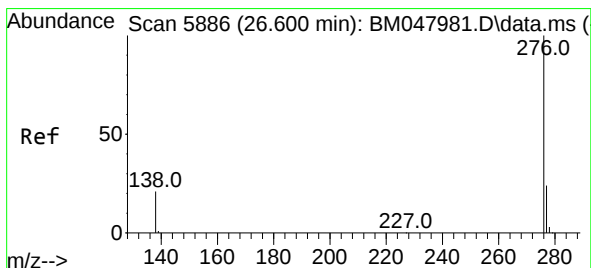
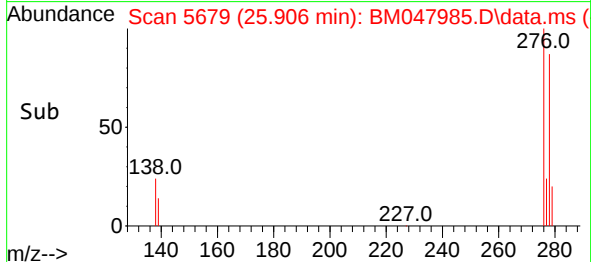
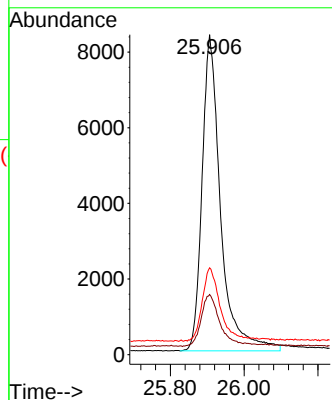


#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 25.906 min Scan# 5679
Delta R.T. -0.003 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Instrument :
BNA_M
ClientSampleId :
EY052MSD



Tgt Ion:278 Resp: 29127
Ion Ratio Lower Upper
278 100
139 18.8 16.8 25.2
279 27.1 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 26.601 min Scan# 5886
Delta R.T. 0.000 min
Lab File: BM047985.D
Acq: 10 Oct 2024 19:24

Tgt Ion:276 Resp: 31174
Ion Ratio Lower Upper
276 100
138 22.9 20.2 30.2
277 25.0 19.8 29.6

