

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046890.D
 Acq On : 29 Jul 2024 19:08
 Operator : MA/JU
 Sample : P3263-15DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 30 00:01:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

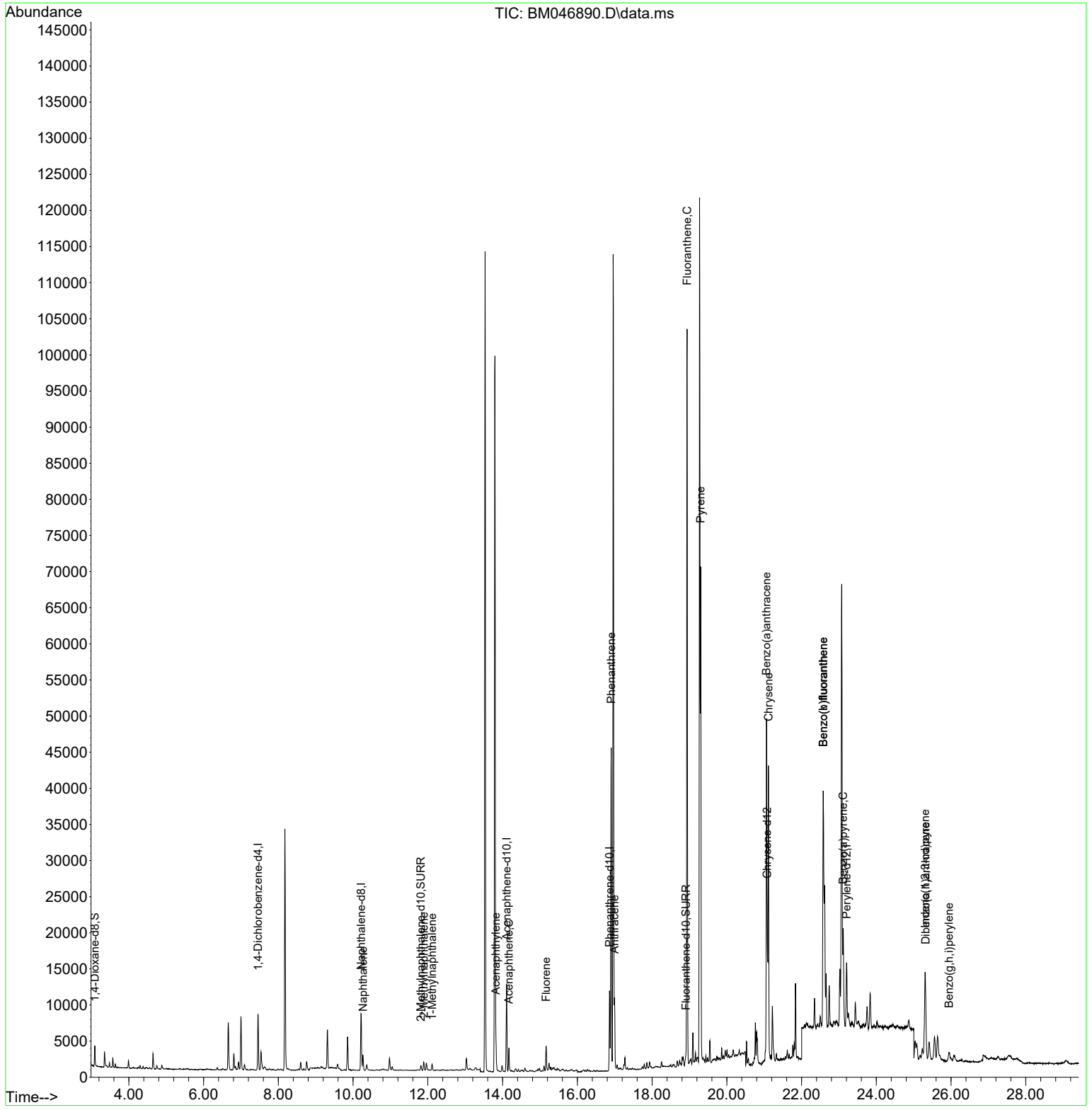
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	3854	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.211	136	10846	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	6663	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.863	188	13410	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	9321	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	9713	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	1757	0.651	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	849	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.905	212	1694	0.056	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.266	128	2771	0.101	ng/ul#	94
7) 2-Methylnaphthalene	11.893	142	867	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.113	142	600	0.031	ng/ul	98
10) Acenaphthylene	13.822	152	3915	0.128	ng/ul	96
11) Acenaphthene	14.169	153	1913	0.092	ng/ul	97
12) Fluorene	15.164	166	2241	0.087	ng/ul#	98
15) Phenanthrene	16.905	178	46251	1.200	ng/ul	98
16) Anthracene	16.994	178	9630	0.268	ng/ul	97
19) Fluoranthene	18.937	202	89570	2.188	ng/ul	99
20) Pyrene	19.300	202	61597	1.455	ng/ul	99
21) Benzo(a)anthracene	21.061	228	37505	0.966	ng/ul	98
22) Chrysene	21.114	228	40583	1.029	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	71176	1.669	ng/ul	96
25) Benzo(k)fluoranthene	22.580	252	71176	1.656	ng/ul	93
26) Benzo(a)pyrene	23.113	252	17647	0.576	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.306	276	18087	0.384	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.319	278	6257	0.181	ng/ul#	75
29) Benzo(g,h,i)perylene	25.943	276	2720	0.066	ng/ul#	54

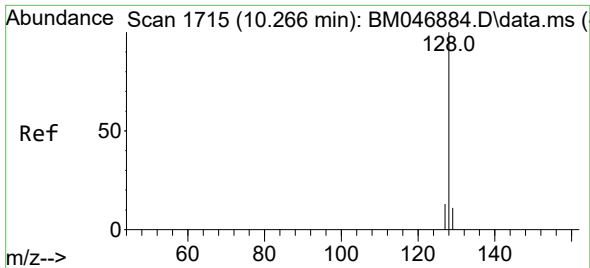
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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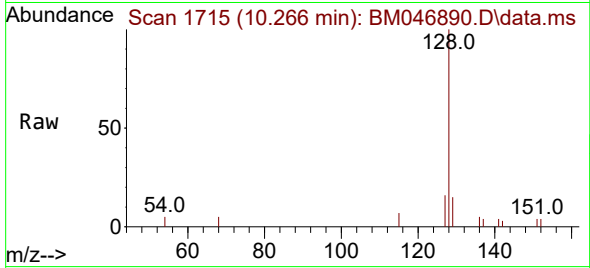
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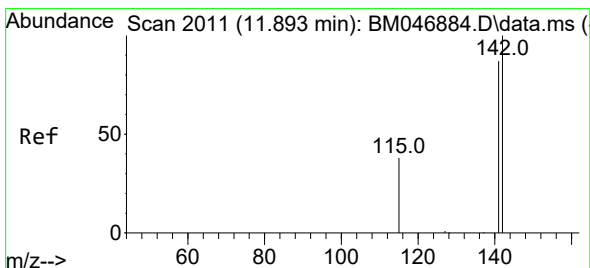
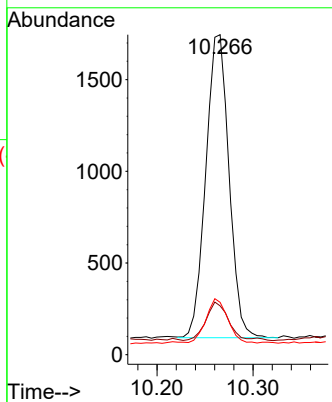
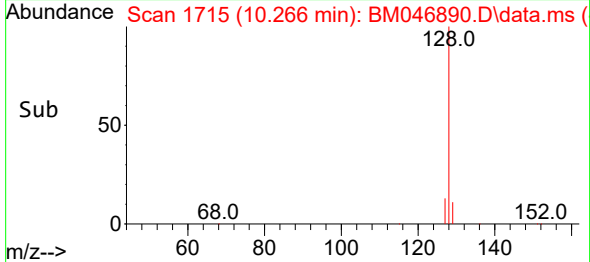
#5
 Naphthalene
 Concen: 0.101 ng/uI
 RT: 10.266 min Scan# 1715
 Delta R.T. -0.011 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:128 Resp: 2771

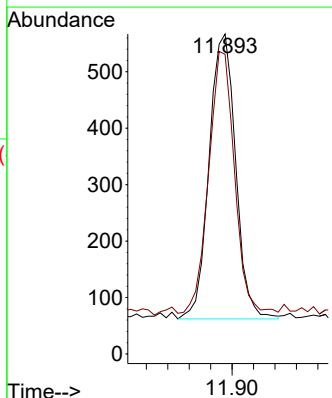
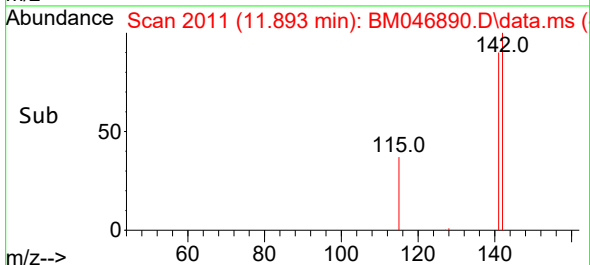
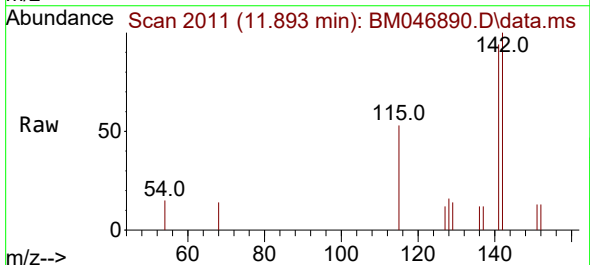
Ion	Ratio	Lower	Upper
128	100		
129	15.2	10.1	15.1#
127	16.4	11.5	17.3

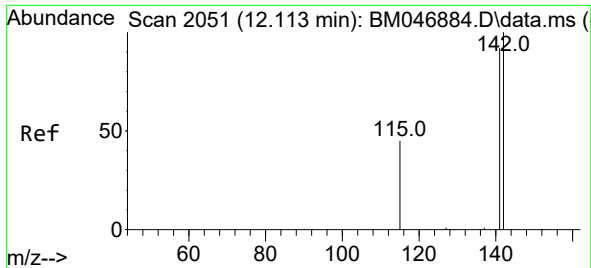


#7
 2-Methylnaphthalene
 Concen: 0.046 ng/uI
 RT: 11.893 min Scan# 2011
 Delta R.T. -0.011 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Tgt Ion:142 Resp: 867

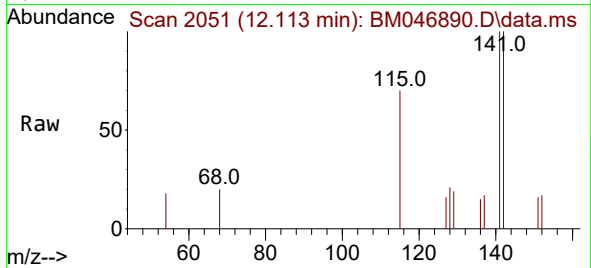
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.5	105.7



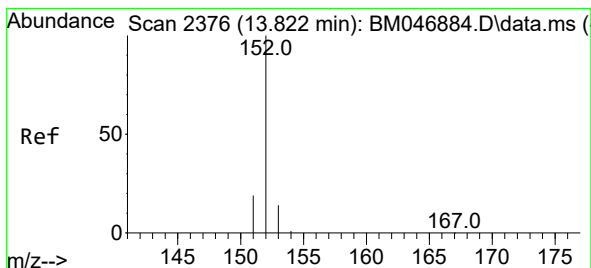
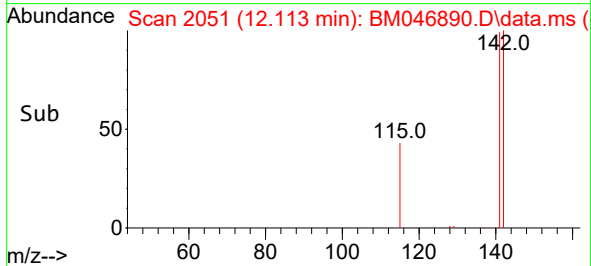
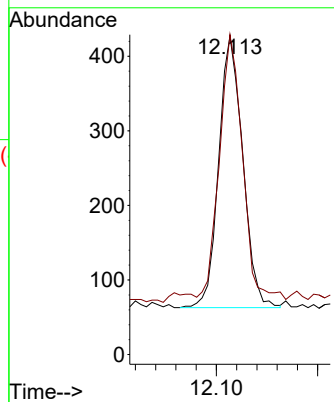


#8
 1-Methylnaphthalene
 Concen: 0.031 ng/ul
 RT: 12.113 min Scan# 2051
 Delta R.T. -0.016 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

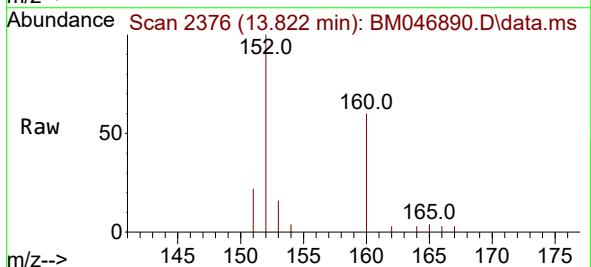
Instrument : BNA_P
 ClientSampleId :



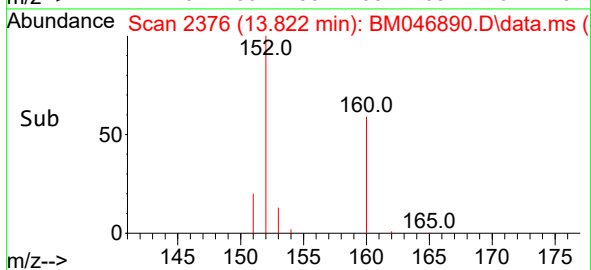
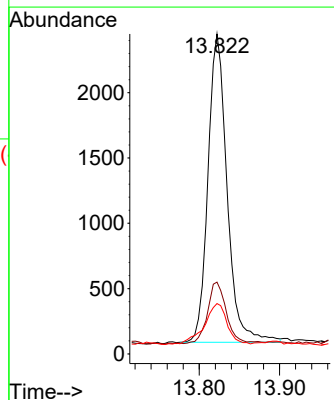
Tgt Ion:142 Resp: 600
 Ion Ratio Lower Upper
 142 100
 141 93.7 73.1 109.7

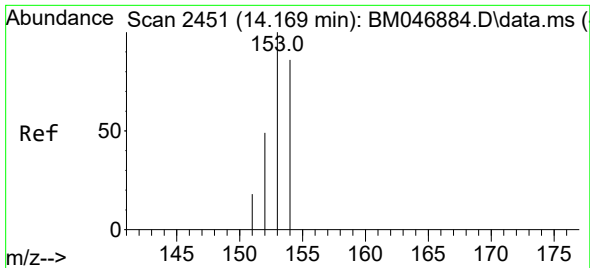


#10
 Acenaphthylene
 Concen: 0.128 ng/ul
 RT: 13.822 min Scan# 2376
 Delta R.T. -0.009 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08



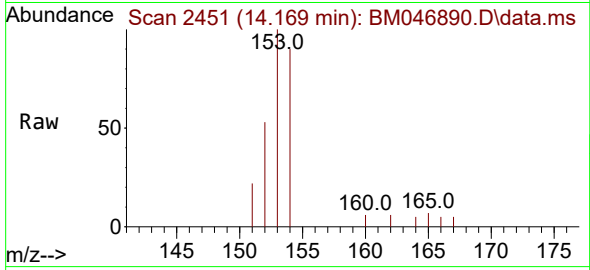
Tgt Ion:152 Resp: 3915
 Ion Ratio Lower Upper
 152 100
 151 22.4 16.8 25.2
 153 15.7 11.0 16.6



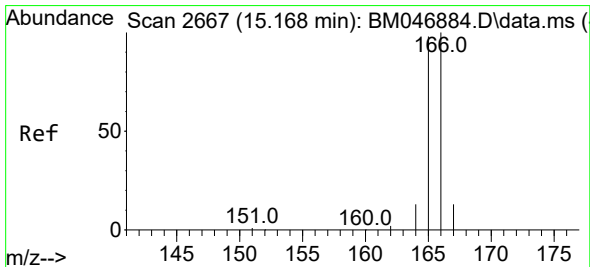
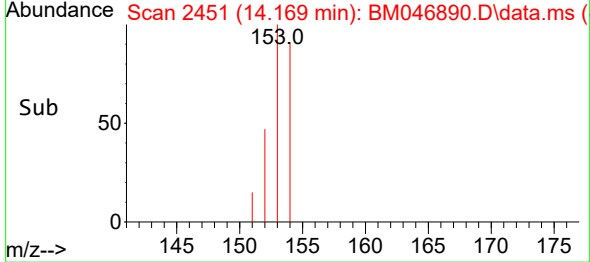
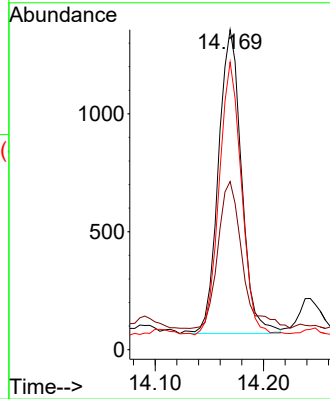


#11
 Acenaphthene
 Concen: 0.092 ng/ul
 RT: 14.169 min Scan# 2451
 Delta R.T. -0.014 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

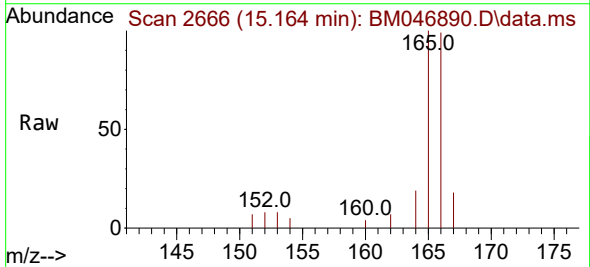
Instrument :
 BNA_P
 ClientSampleId :



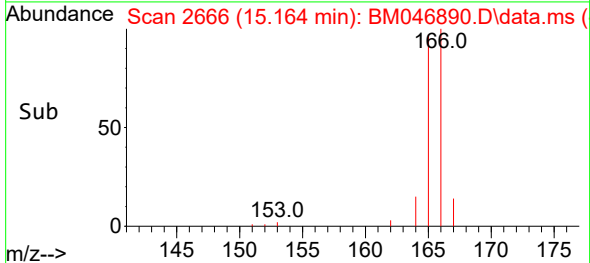
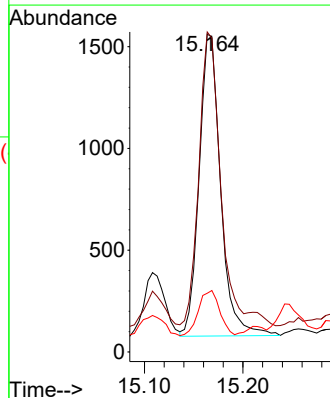
Tgt Ion:153 Resp: 1913
 Ion Ratio Lower Upper
 153 100
 152 52.5 38.6 57.8
 154 89.9 70.8 106.2

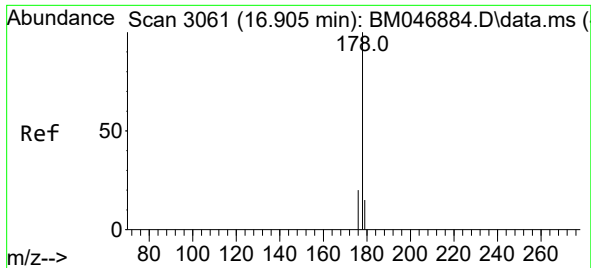


#12
 Fluorene
 Concen: 0.087 ng/ul
 RT: 15.164 min Scan# 2666
 Delta R.T. -0.014 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08



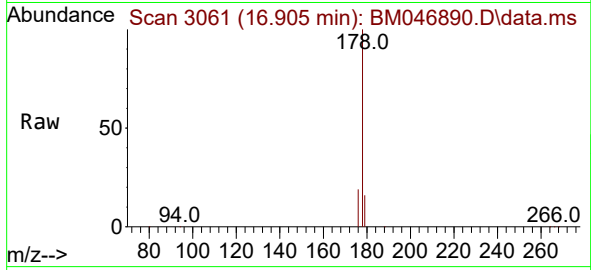
Tgt Ion:166 Resp: 2241
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.8 119.6
 167 18.5 12.3 18.5#





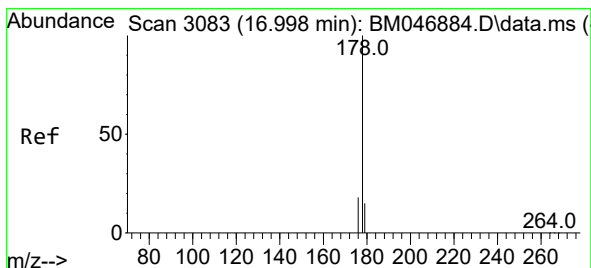
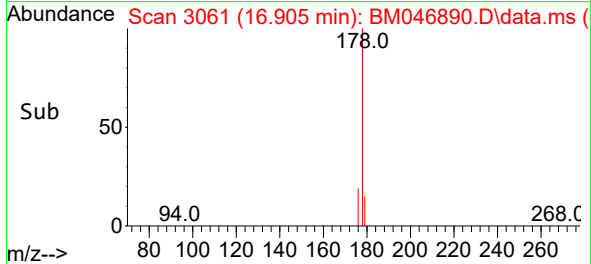
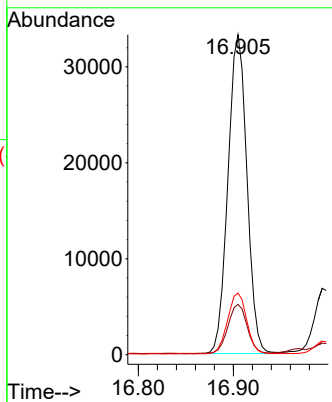
#15
 Phenanthrene
 Concen: 1.200 ng/u1
 RT: 16.905 min Scan# 3061
 Delta R.T. -0.008 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Instrument : BNA_P
 ClientSampleId :



Tgt Ion:178 Resp: 46251

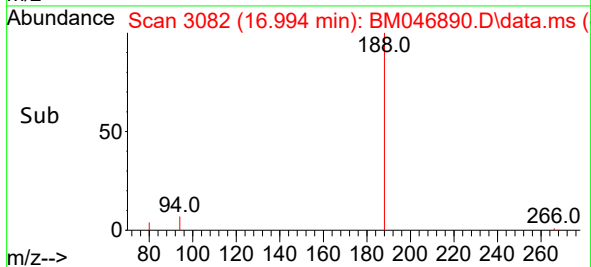
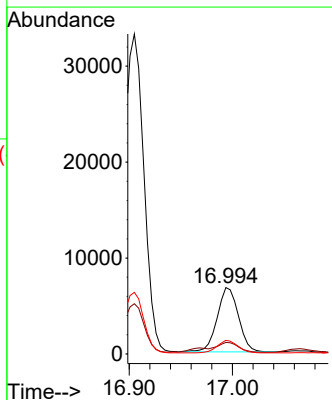
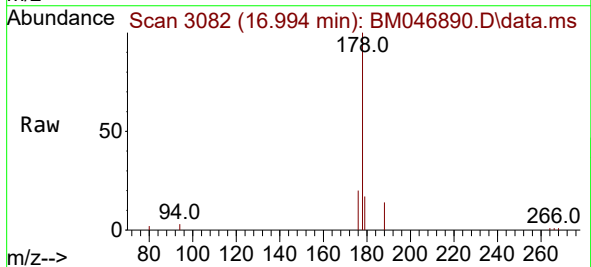
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.3	16.1	24.1

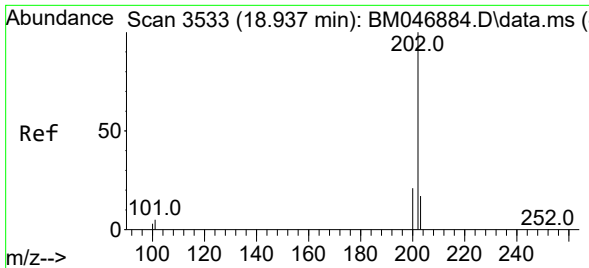


#16
 Anthracene
 Concen: 0.268 ng/u1
 RT: 16.994 min Scan# 3082
 Delta R.T. -0.013 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Tgt Ion:178 Resp: 9630

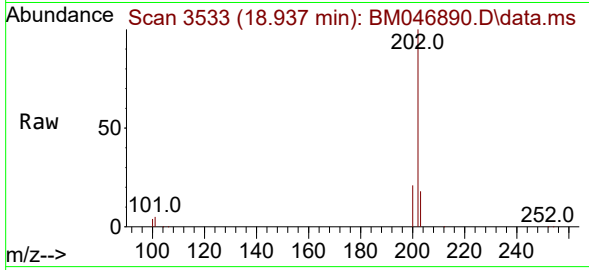
Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.1	19.7
176	20.4	15.0	22.6



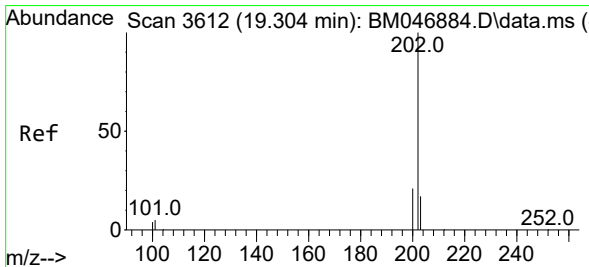
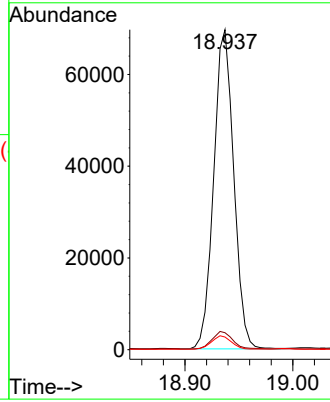
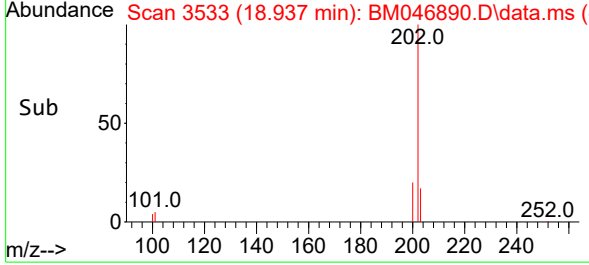


#19
 Fluoranthene
 Concen: 2.188 ng/uI
 RT: 18.937 min Scan# 3533
 Delta R.T. -0.005 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Instrument :
 BNA_P
 ClientSampleId :

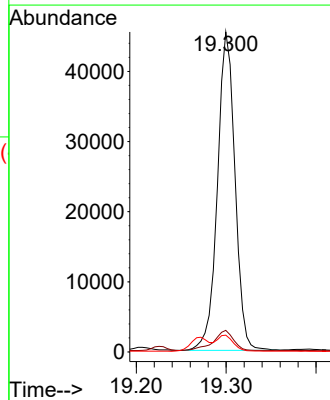
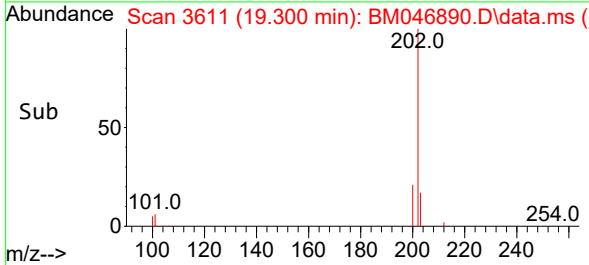
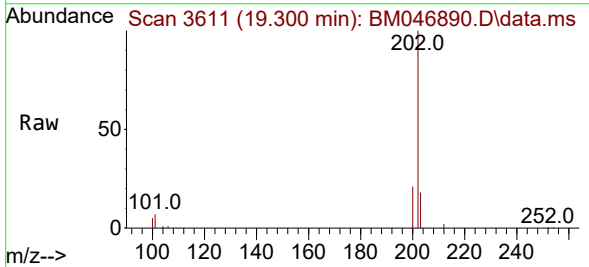


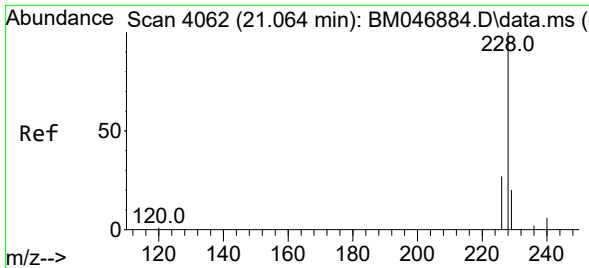
Tgt Ion:202 Resp: 89570
 Ion Ratio Lower Upper
 202 100
 101 5.3 4.7 7.1
 100 4.0 3.4 5.2



#20
 Pyrene
 Concen: 1.455 ng/uI
 RT: 19.300 min Scan# 3611
 Delta R.T. -0.005 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

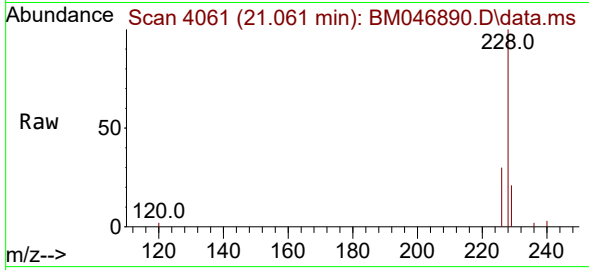
Tgt Ion:202 Resp: 61597
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.2 7.8
 100 5.3 4.3 6.5



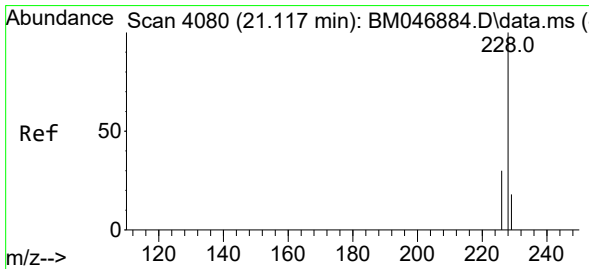
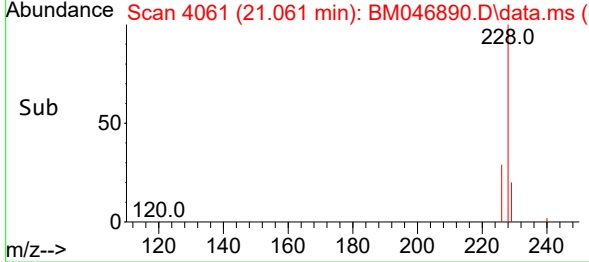
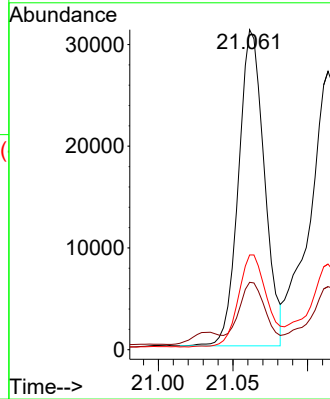


#21
 Benzo(a)anthracene
 Concen: 0.966 ng/uI
 RT: 21.061 min Scan# 4061
 Delta R.T. -0.003 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Instrument : BNA_P
 ClientSampleId :

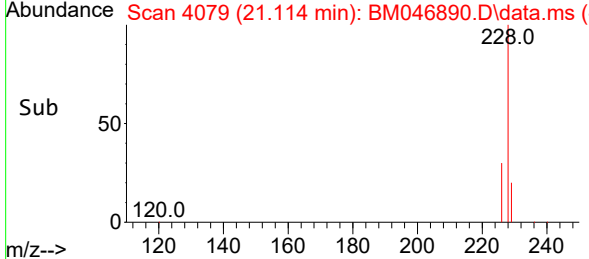
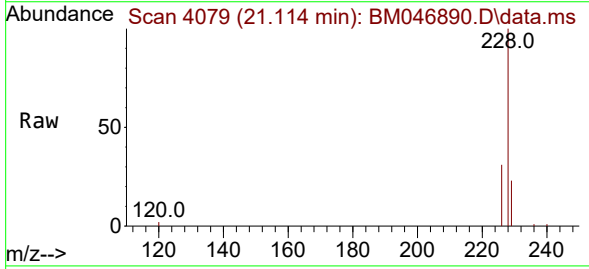
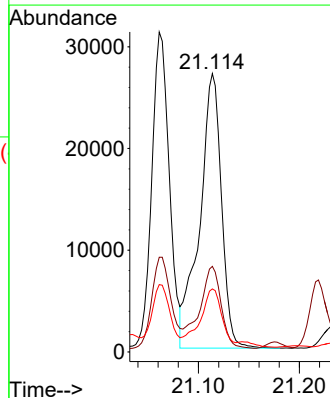


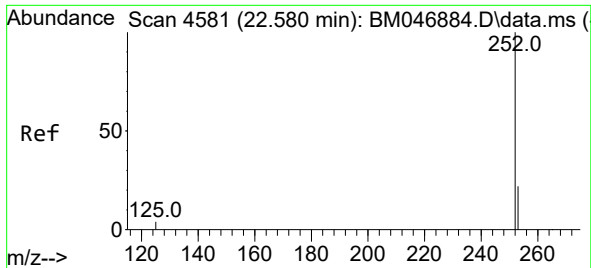
Tgt Ion:228 Resp: 37505
 Ion Ratio Lower Upper
 228 100
 229 21.1 16.3 24.5
 226 29.6 22.3 33.5



#22
 Chrysene
 Concen: 1.029 ng/uI
 RT: 21.114 min Scan# 4079
 Delta R.T. -0.003 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

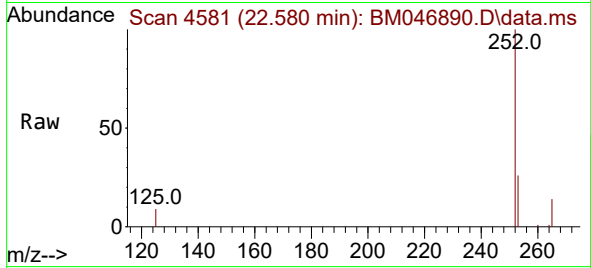
Tgt Ion:228 Resp: 40583
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.5 36.7
 229 22.7 16.2 24.2



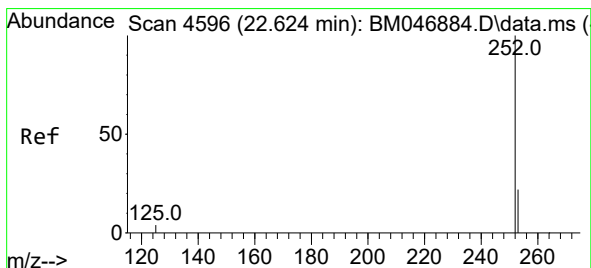
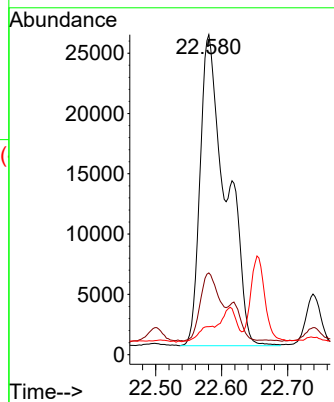
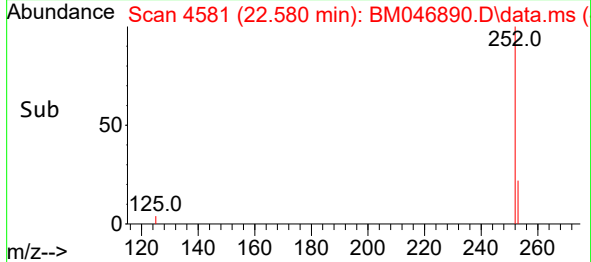


#24
 Benzo(b)fluoranthene
 Concen: 1.669 ng/ul
 RT: 22.580 min Scan# 4581
 Delta R.T. 0.000 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

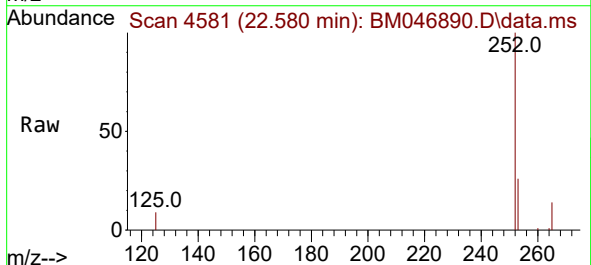
Instrument :
 BNA_P
 ClientSampleId :



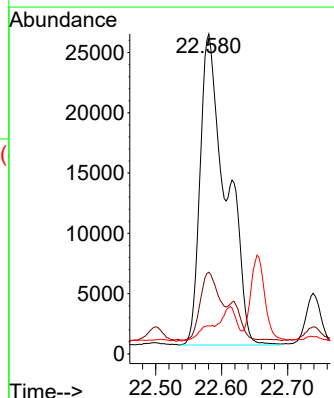
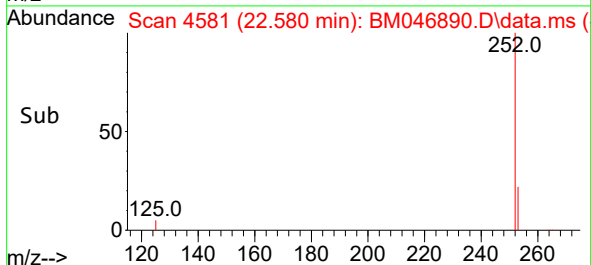
Tgt Ion:252 Resp: 71176
 Ion Ratio Lower Upper
 252 100
 253 25.5 0.0 56.4
 125 8.8 0.0 15.8

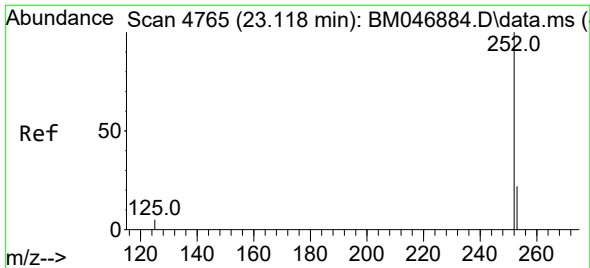


#25
 Benzo(k)fluoranthene
 Concen: 1.656 ng/ul
 RT: 22.580 min Scan# 4581
 Delta R.T. -0.041 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08



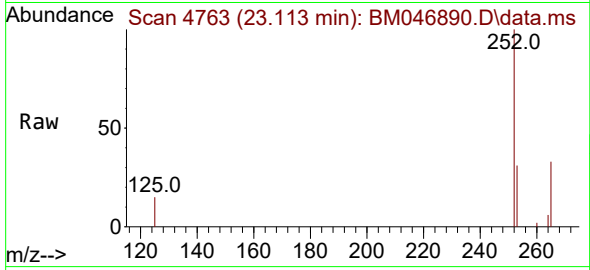
Tgt Ion:252 Resp: 71176
 Ion Ratio Lower Upper
 252 100
 253 25.5 23.5 35.3
 125 8.8 8.6 13.0



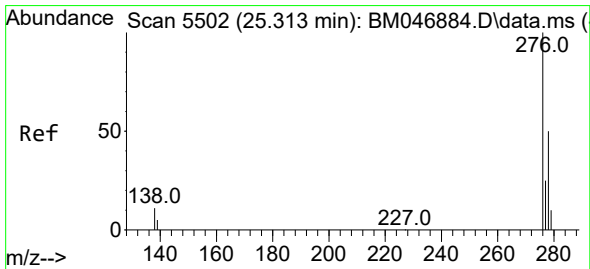
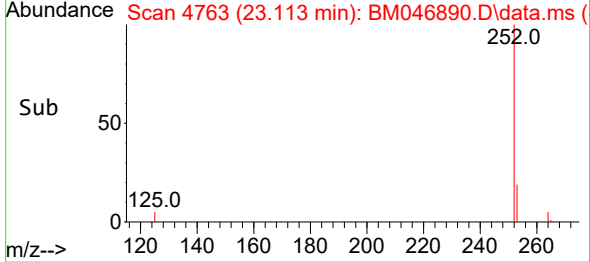
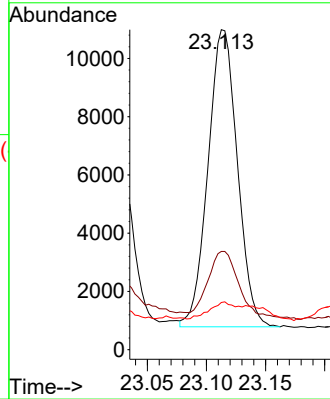


#26
 Benzo(a)pyrene
 Concen: 0.576 ng/ul
 RT: 23.113 min Scan# 4763
 Delta R.T. -0.006 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Instrument :
 BNA_P
 ClientSampleId :

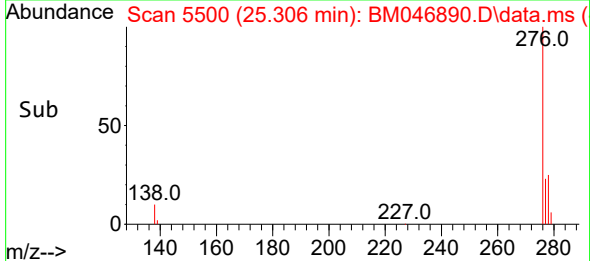
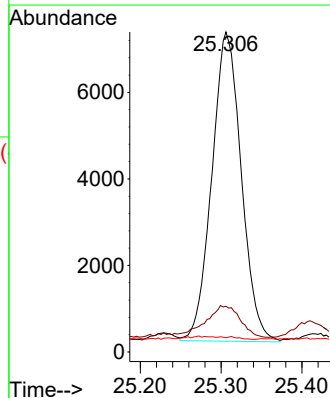
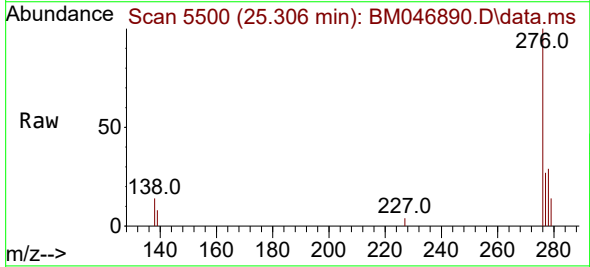


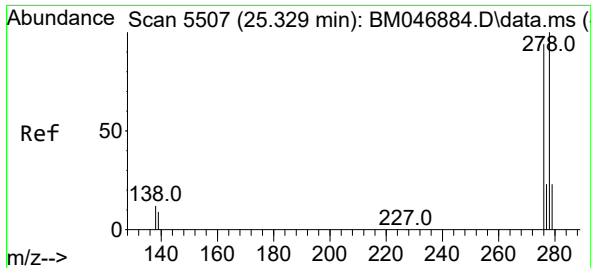
Tgt Ion:252 Resp: 17647
 Ion Ratio Lower Upper
 252 100
 253 30.7 26.0 39.0
 125 14.8 7.8 11.8#



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.384 ng/ul
 RT: 25.306 min Scan# 5500
 Delta R.T. -0.010 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

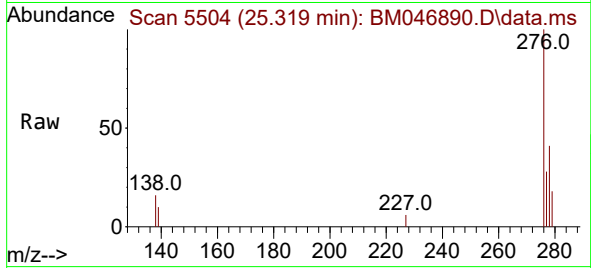
Tgt Ion:276 Resp: 18087
 Ion Ratio Lower Upper
 276 100
 138 11.9 9.7 14.5
 227 0.3 0.2 0.2#



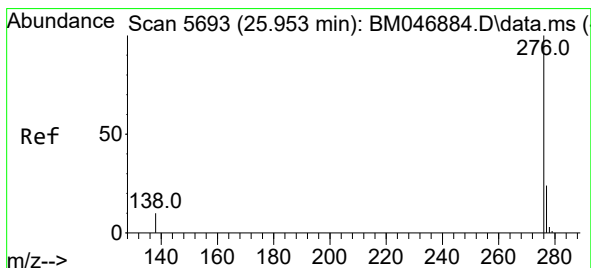
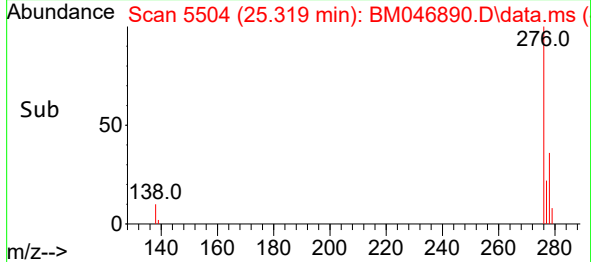
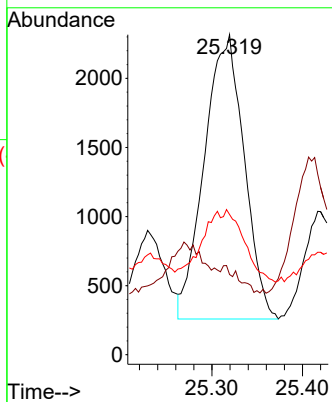


#28
 Dibenzo(a,h)anthracene
 Concen: 0.181 ng/ul
 RT: 25.319 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:278 Resp: 6257
 Ion Ratio Lower Upper
 278 100
 139 25.1 9.8 14.8#
 279 43.8 25.2 37.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.066 ng/ul
 RT: 25.943 min Scan# 5690
 Delta R.T. -0.010 min
 Lab File: BM046890.D
 Acq: 29 Jul 2024 19:08

Tgt Ion:276 Resp: 2720
 Ion Ratio Lower Upper
 276 100
 138 41.8 9.5 14.3#
 277 42.1 20.9 31.3#

