

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046076.D
 Acq On : 19 Jun 2024 06:54
 Operator : MA/JU
 Sample : P2695-02DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ2DL

Quant Time: Jun 19 08:26:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

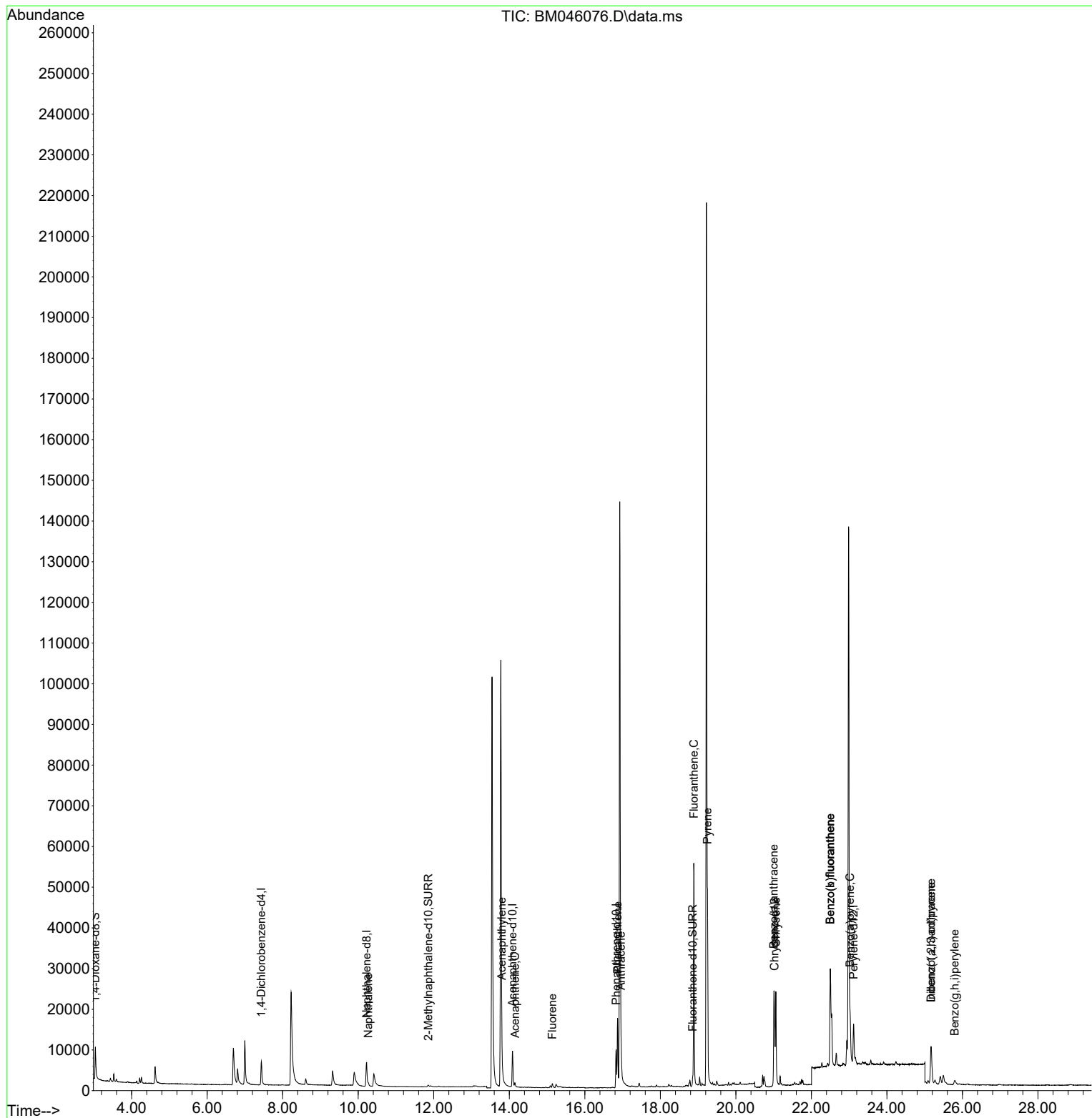
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3835	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.222	136	10353	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.086	164	5780	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	11875	0.400	ng/ul	-0.03
17) Chrysene-d12	21.023	240	10118	0.400	ng/ul	-0.02
23) Perylene-d12	23.118	264	13715	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	5193	0.987	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	1029	0.074	ng/ul	0.00
18) Fluoranthene-d10	18.858	212	2599	0.086	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.266	128	1012	0.035	ng/ul#	80
10) Acenaphthylene	13.804	152	1659	0.061	ng/ul#	91
11) Acenaphthene	14.151	153	665	0.034	ng/ul	91
12) Fluorene	15.141	166	813	0.038	ng/ul#	96
15) Phenanthrene	16.867	178	19777	0.593	ng/ul	97
16) Anthracene	16.960	178	3392	0.137	ng/ul#	92
19) Fluoranthene	18.886	202	49864	1.138	ng/ul	99
20) Pyrene	19.249	202	36215	0.764	ng/ul	98
21) Benzo(a)anthracene	21.006	228	20863	0.534	ng/ul	98
22) Chrysene	21.058	228	24853	0.498	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	50318	1.018	ng/ul	89
25) Benzo(k)fluoranthene	22.502	252	50167	0.854	ng/ul#	88
26) Benzo(a)pyrene	23.025	252	12589	0.275	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.168	276	14291	0.191	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.171	278	4320	0.077	ng/ul#	78
29) Benzo(g,h,i)perylene	25.795	276	2245	0.035	ng/ul#	67

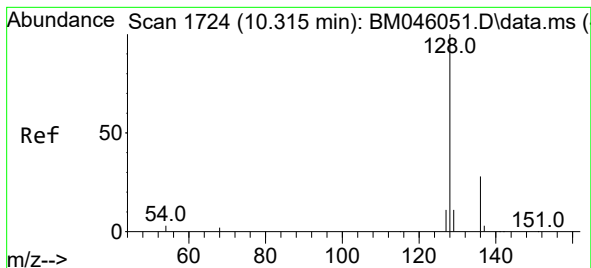
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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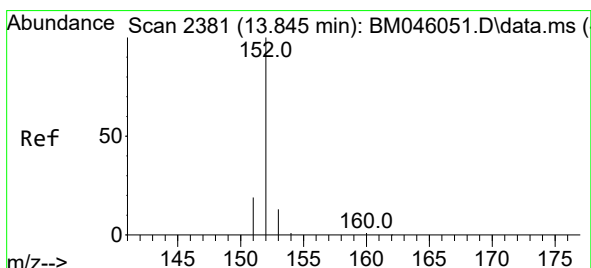
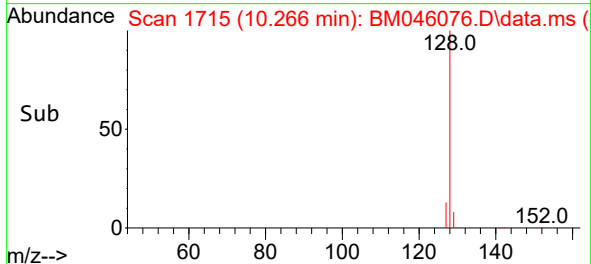
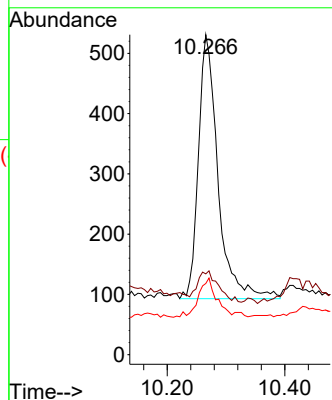
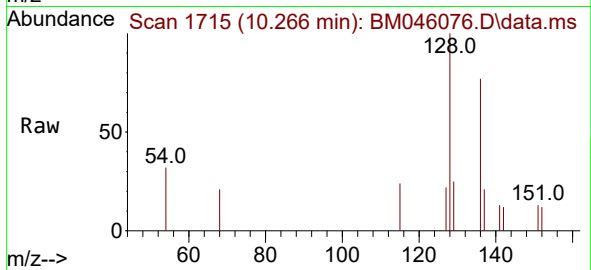




#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.266 min Scan# 1715
Delta R.T. -0.037 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

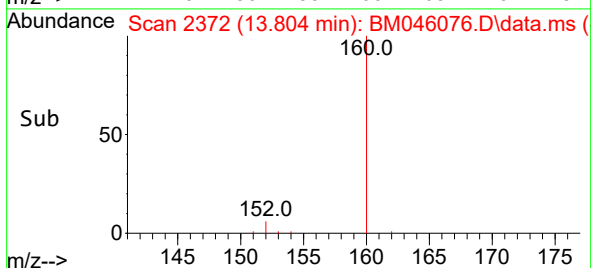
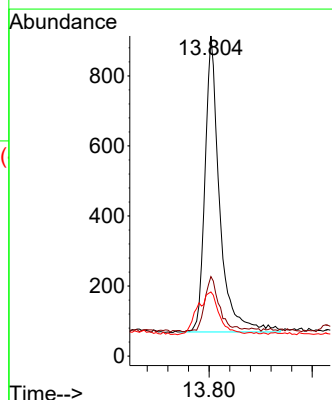
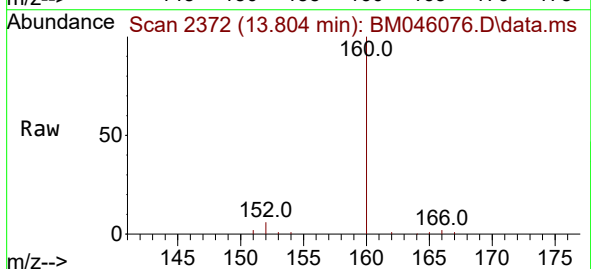
Instrument :
BNA_M
ClientSampleId :
A4BJ2DL

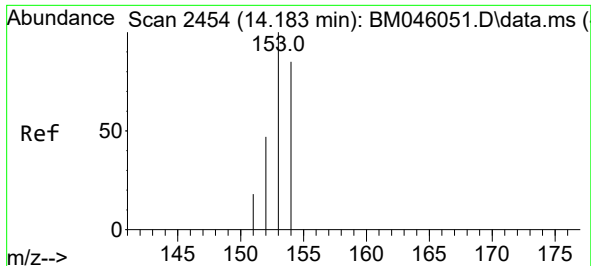
Tgt Ion:128 Resp: 1012
Ion Ratio Lower Upper
128 100
129 25.2 11.8 17.6#
127 22.2 12.8 19.2#



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 13.804 min Scan# 2372
Delta R.T. -0.031 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:152 Resp: 1659
Ion Ratio Lower Upper
152 100
151 24.8 17.4 26.2
153 20.0 11.8 17.8#

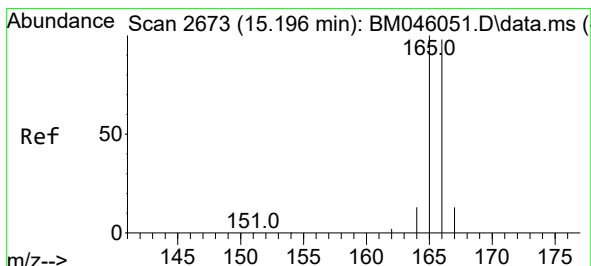
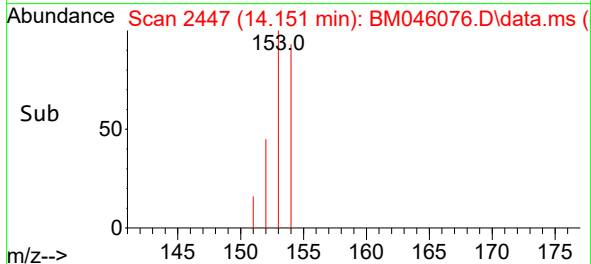
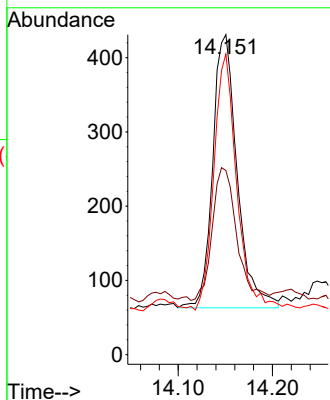
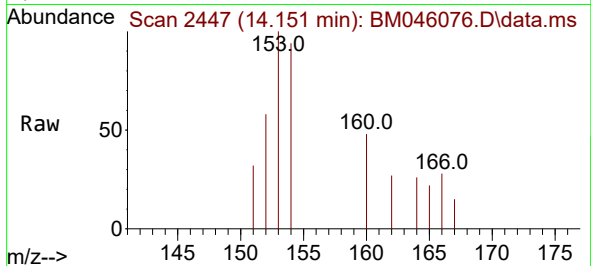




#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.151 min Scan# 2447
Delta R.T. -0.022 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

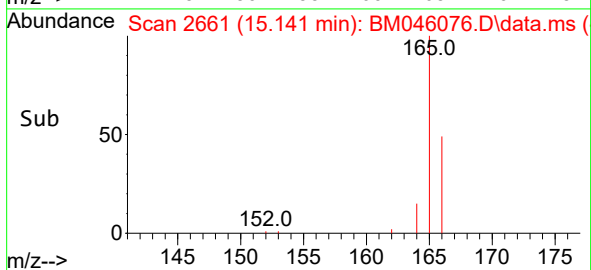
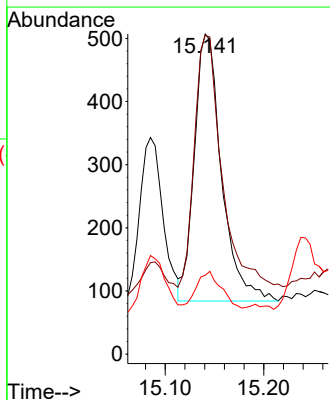
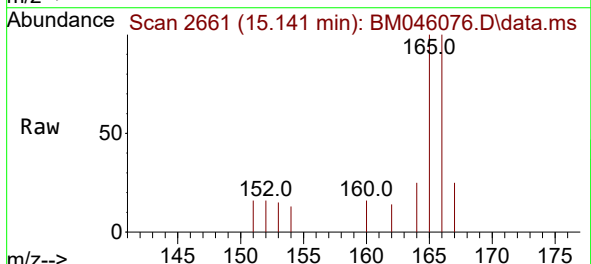
Instrument :
BNA_M
ClientSampleId :
A4BJ2DL

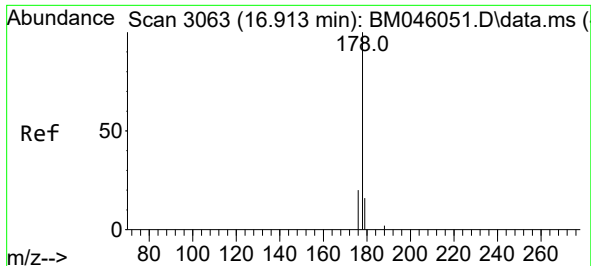
Tgt Ion:153 Resp: 665
Ion Ratio Lower Upper
153 100
152 57.5 41.3 61.9
154 94.0 68.2 102.4



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.141 min Scan# 2661
Delta R.T. -0.040 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:166 Resp: 813
Ion Ratio Lower Upper
166 100
165 99.6 80.4 120.6
167 24.7 12.4 18.6#

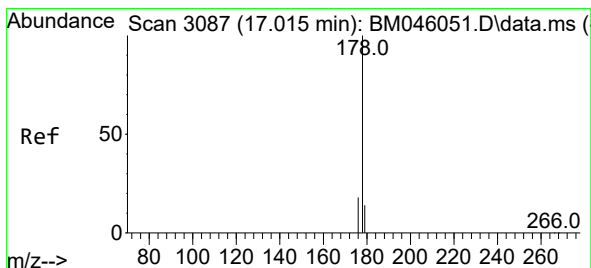
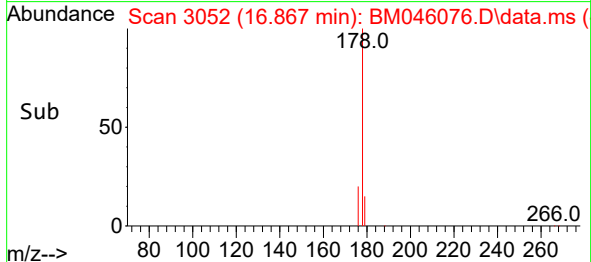
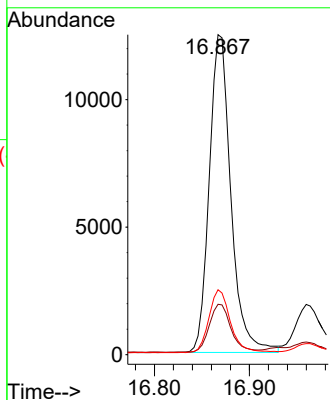
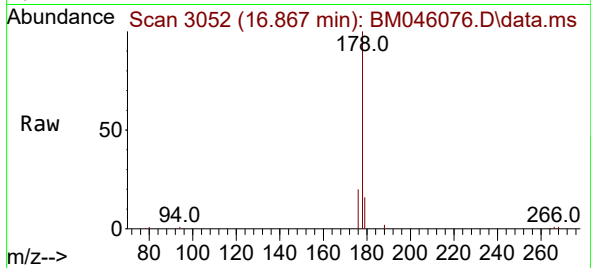




#15
Phenanthrene
Concen: 0.593 ng/ul
RT: 16.867 min Scan# 3063
Delta R.T. -0.037 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

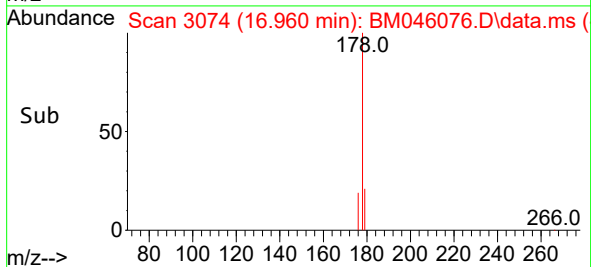
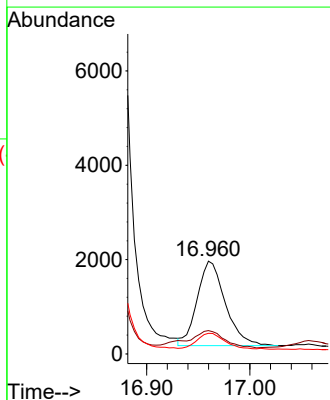
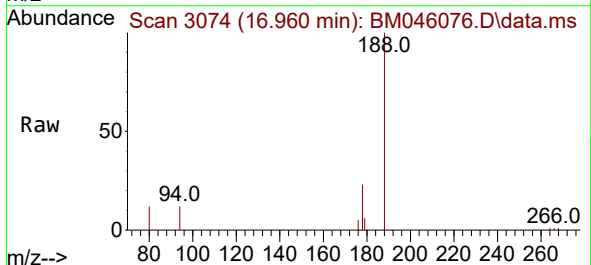
Instrument :
BNA_M
ClientSampleId :
A4BJ2DL

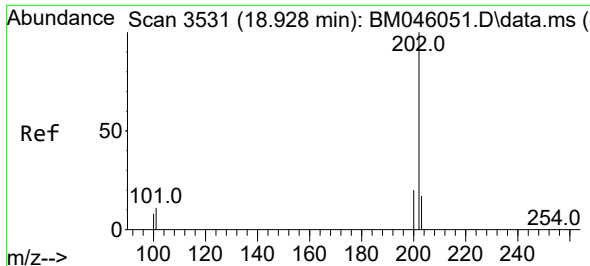
Tgt Ion:178 Resp: 19777
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 20.3 17.1 25.7



#16
Anthracene
Concen: 0.137 ng/ul
RT: 16.960 min Scan# 3074
Delta R.T. -0.045 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:178 Resp: 3392
Ion Ratio Lower Upper
178 100
179 25.1 14.9 22.3#
176 22.2 17.0 25.4

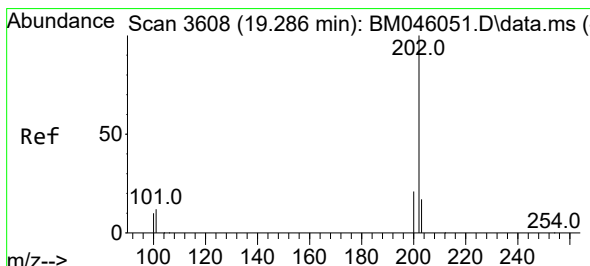
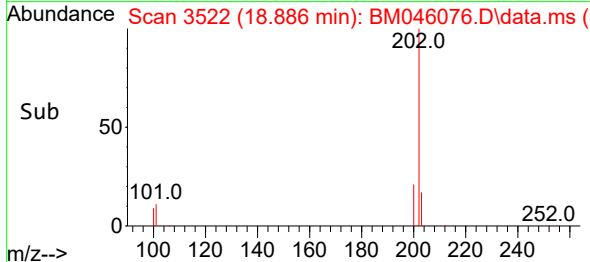
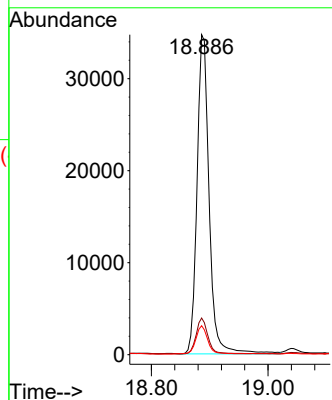
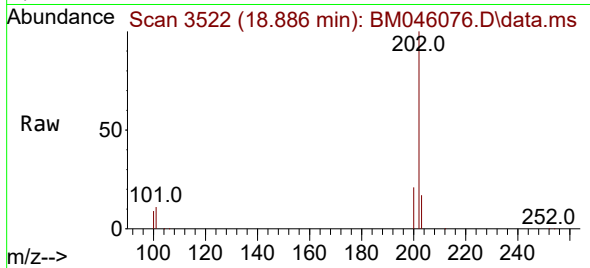




#19
Fluoranthene
Concen: 1.138 ng/ul
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

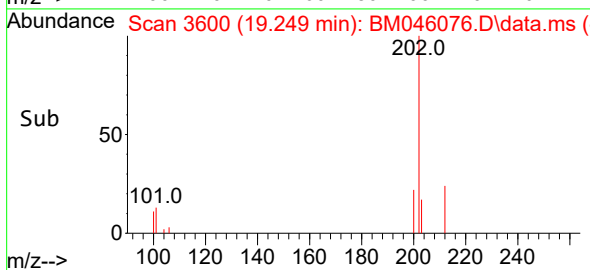
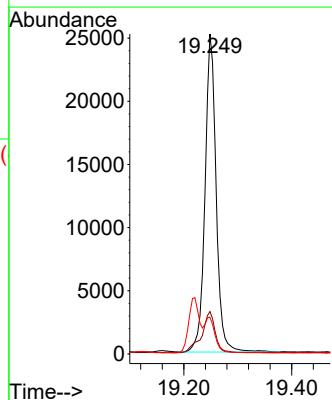
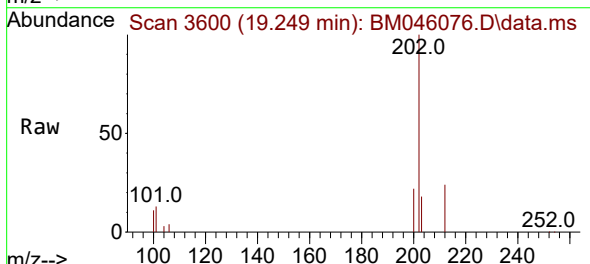
Instrument :
BNA_M
ClientSampleId :
A4BJ2DL

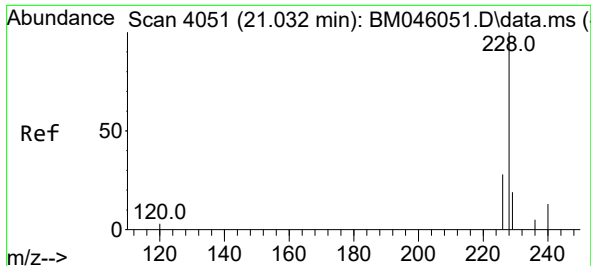
Tgt Ion:202 Resp: 49864
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 9.1 7.6 11.4



#20
Pyrene
Concen: 0.764 ng/ul
RT: 19.249 min Scan# 3600
Delta R.T. -0.026 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:202 Resp: 36215
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 11.5 9.8 14.6

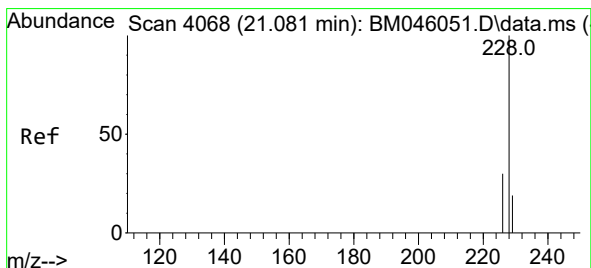
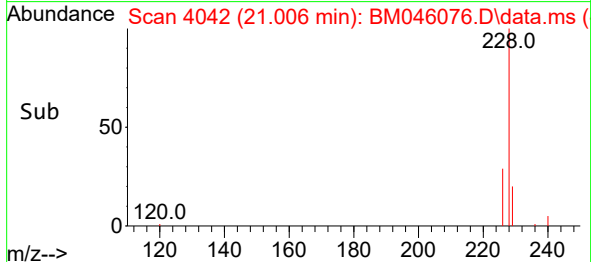
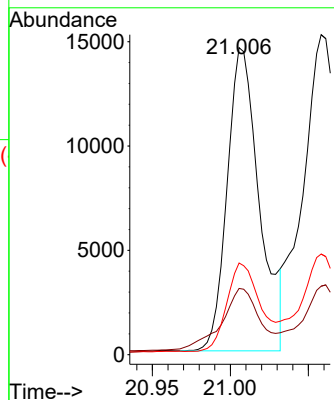
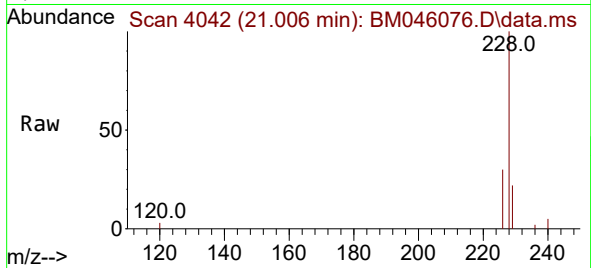




#21
Benzo(a)anthracene
Concen: 0.534 ng/ul
RT: 21.006 min Scan# 4051
Delta R.T. -0.024 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

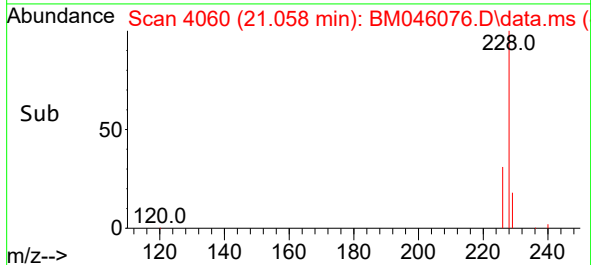
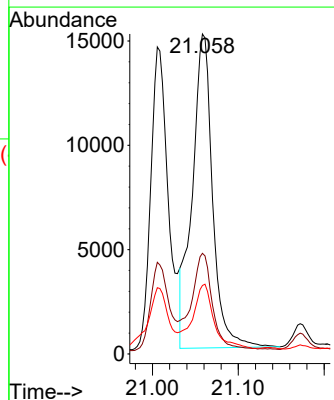
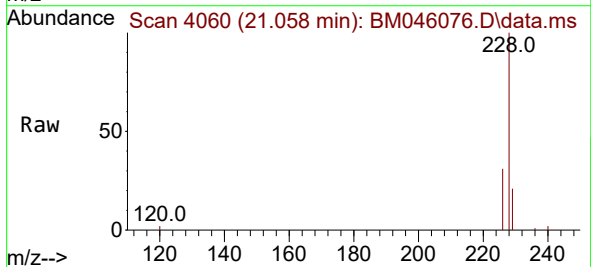
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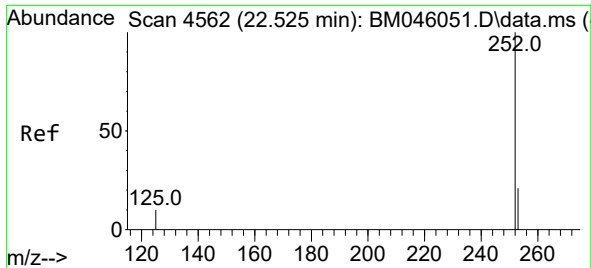
Tgt Ion:	228	Resp:	20863
Ion Ratio	Lower	Upper	
228	100		
229	21.6	16.4	24.6
226	29.9	23.4	35.2



#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:	228	Resp:	24853
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.2	37.8
229	21.4	16.3	24.5

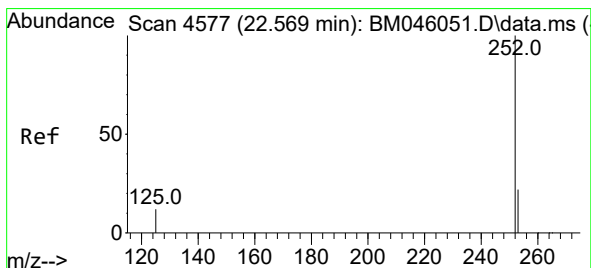
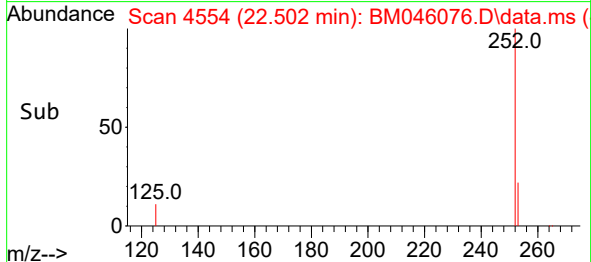
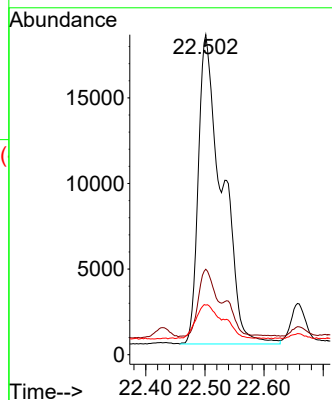
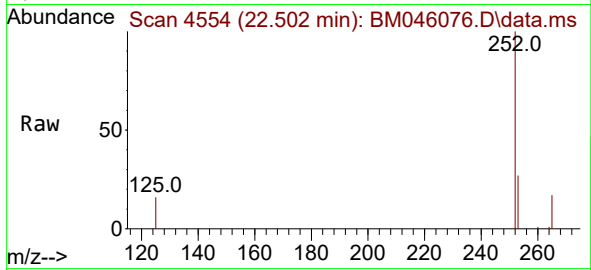




#24
Benzo(b)fluoranthene
Concen: 1.018 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

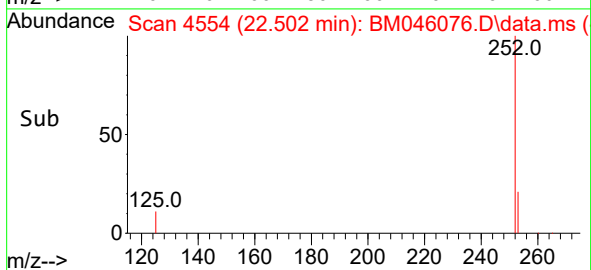
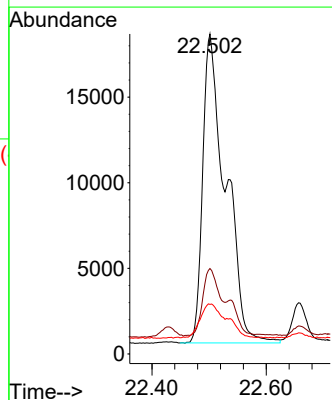
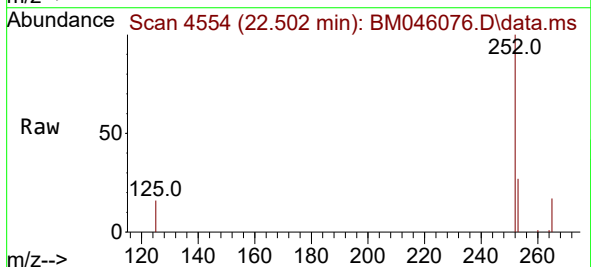
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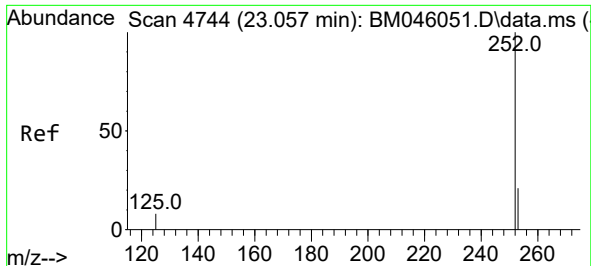
Tgt Ion:252 Resp: 50318
Ion Ratio Lower Upper
252 100
253 26.7 0.0 65.8
125 15.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.854 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.062 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:252 Resp: 50167
Ion Ratio Lower Upper
252 100
253 26.7 27.2 40.8#
125 15.5 16.6 25.0#

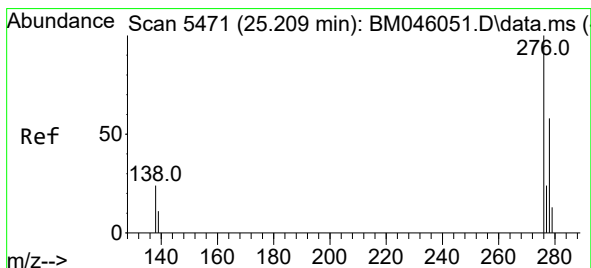
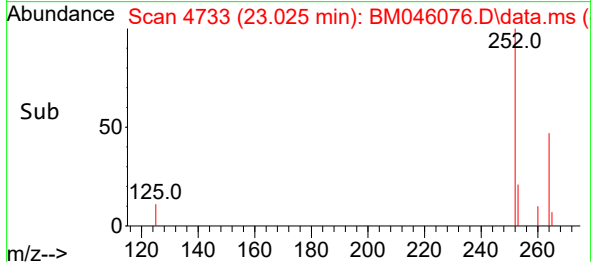
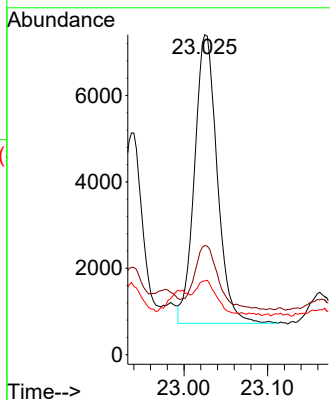
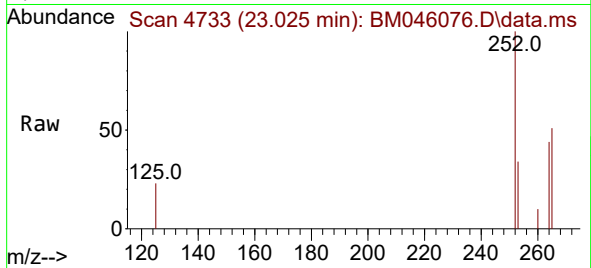




#26
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.025 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

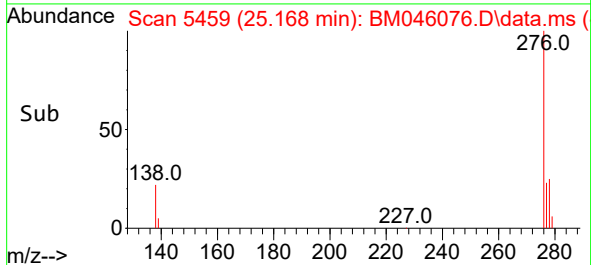
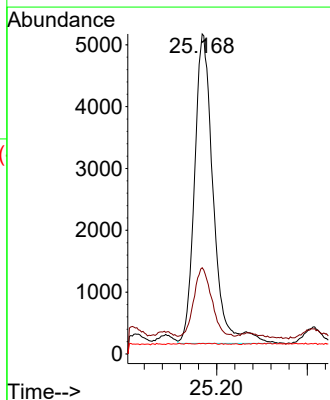
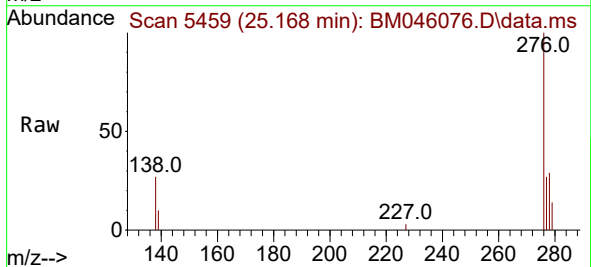
Instrument :
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ClientSampleId :
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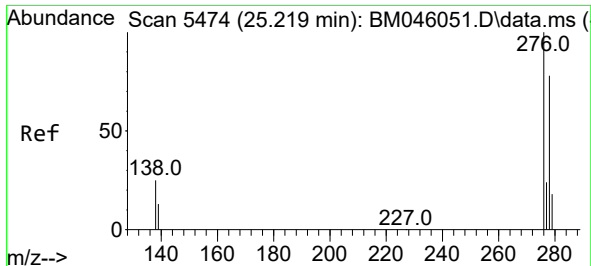
Tgt Ion:252 Resp: 12589
Ion Ratio Lower Upper
252 100
253 34.1 32.1 48.1
125 23.0 21.2 31.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng/ul
RT: 25.168 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:276 Resp: 14291
Ion Ratio Lower Upper
276 100
138 21.8 21.0 31.4
227 0.1 0.0 0.0#

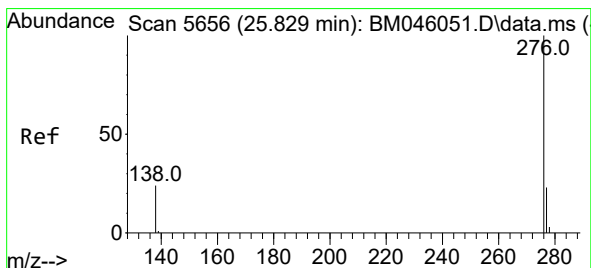
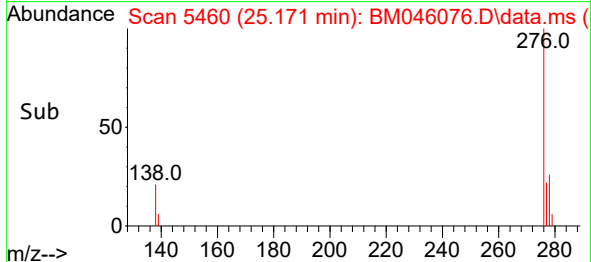
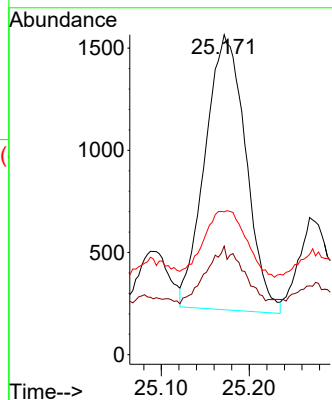
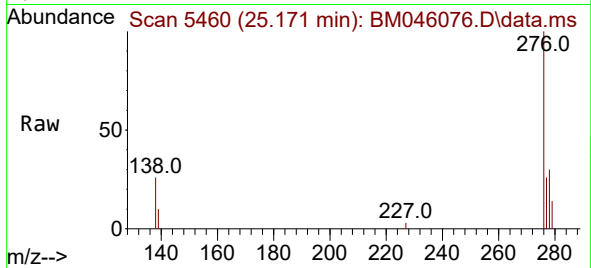




#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.171 min Scan# 5474
Delta R.T. -0.044 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Instrument :
BNA_M
ClientSampleId :
A4BJ2DL

Tgt Ion:278 Resp: 4320
Ion Ratio Lower Upper
278 100
139 33.9 17.6 26.4#
279 44.6 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.035 ng/ul
RT: 25.795 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046076.D
Acq: 19 Jun 2024 06:54

Tgt Ion:276 Resp: 2245
Ion Ratio Lower Upper
276 100
138 47.3 21.7 32.5#
277 38.6 20.4 30.6#

