

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042073.D
 Acq On : 26 Sep 2023 16:52
 Operator : MA/JU
 Sample : 04429-10DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4DL

Quant Time: Sep 27 04:26:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

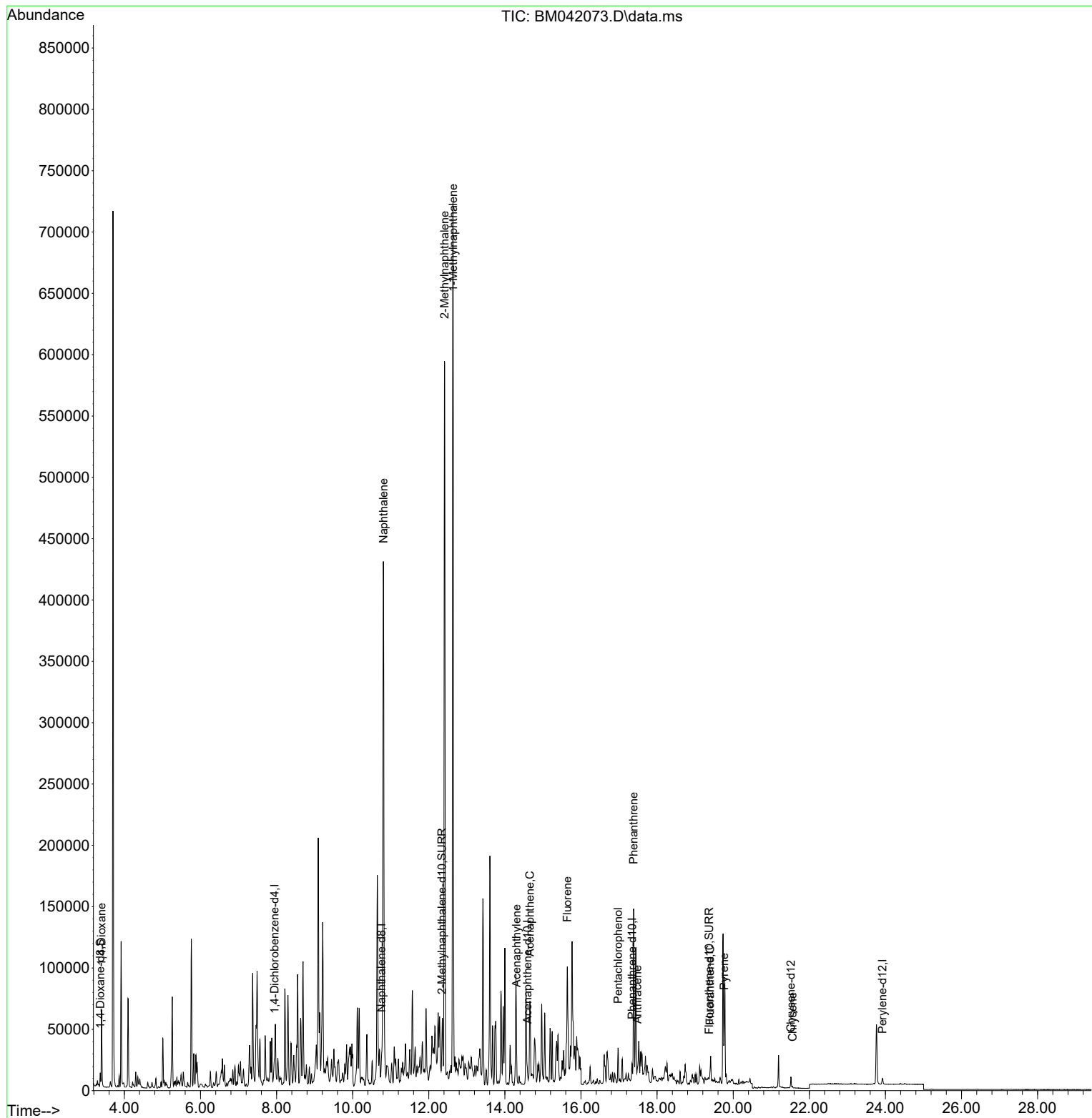
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	5542	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	13605	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.592	164	6411	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	12787	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.518	240	6584	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	6655	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	6026	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	1536	0.090	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1064	0.039	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	36367	4.577	ng/ul#	85
5) Naphthalene	10.812	128	532424	11.682	ng/ul	98
7) 2-Methylnaphthalene	12.418	142	413628	15.224	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	472282	17.122	ng/ul	99
10) Acenaphthylene	14.305	152	10772	0.251	ng/ul#	1
11) Acenaphthene	14.657	153	36649	1.113	ng/ul#	87
12) Fluorene	15.642	166	58606	1.580	ng/ul#	95
14) Pentachlorophenol	16.974	266	16992	2.512	ng/ul	100
15) Phenanthrene	17.383	178	149355	2.518	ng/ul	98
16) Anthracene	17.481	178	8590	0.168	ng/ul#	49
19) Fluoranthene	19.394	202	6287	0.084	ng/ul#	1
20) Pyrene	19.761	202	21428	0.293	ng/ul#	45
22) Chrysene	21.556	228	1062	0.021	ng/ul#	54

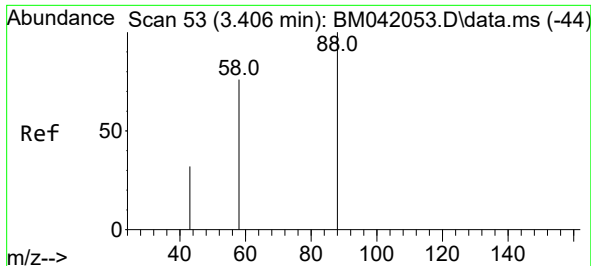
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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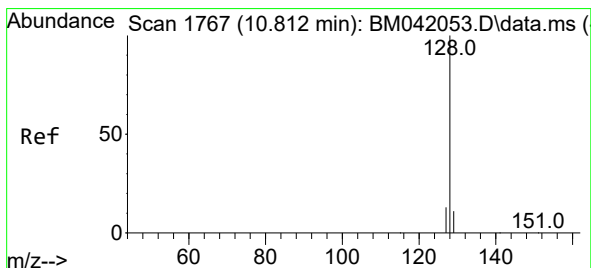
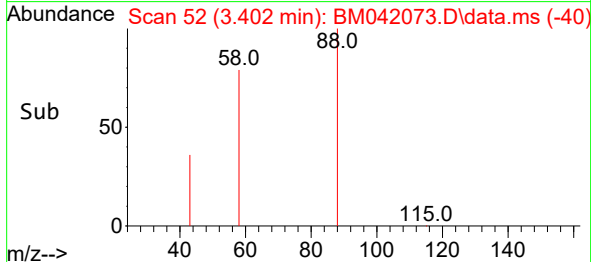
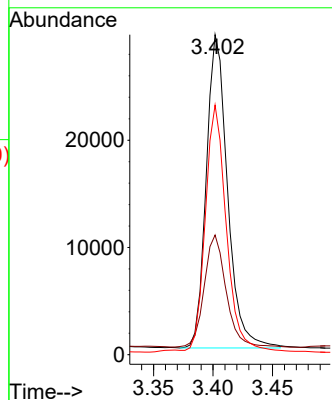
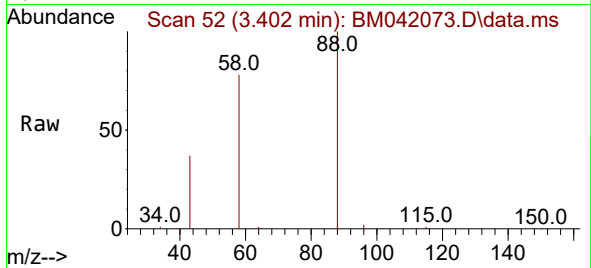




#2
1,4-Dioxane
Concen: 4.577 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

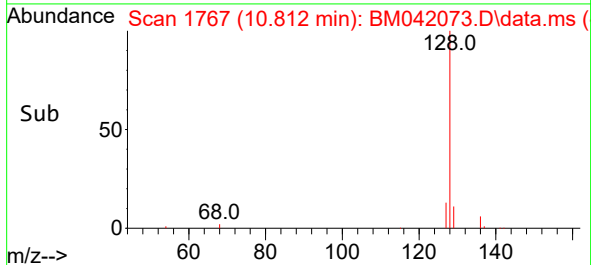
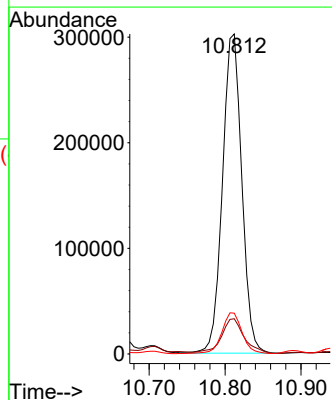
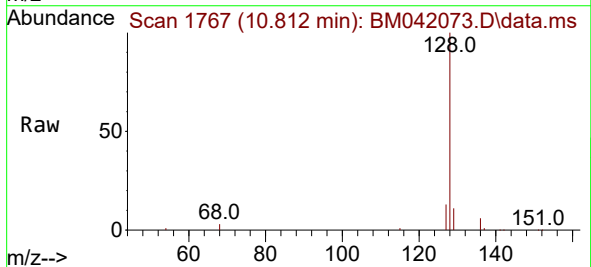
Instrument :
BNA_M
ClientSampleId :
BBHJ4DL

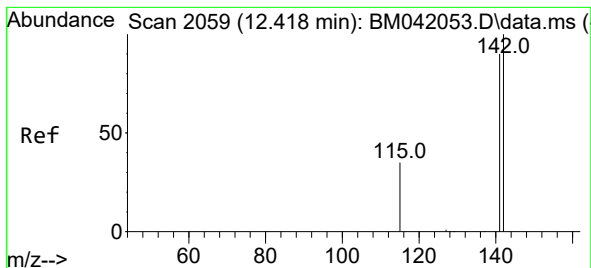
Tgt Ion: 88 Resp: 36367
Ion Ratio Lower Upper
88 100
43 37.4 42.9 64.3#
58 78.0 56.4 84.6



#5
Naphthalene
Concen: 11.682 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

Tgt Ion: 128 Resp: 532424
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.8 16.2

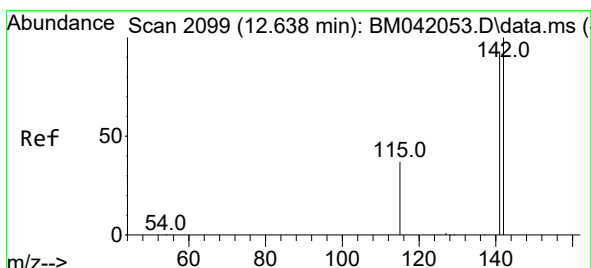
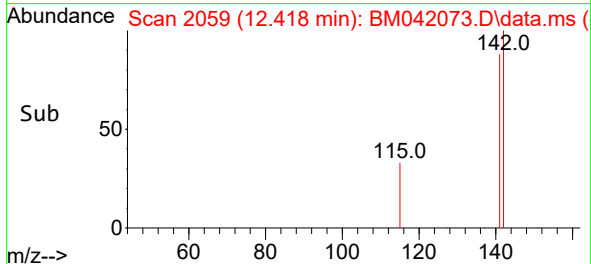
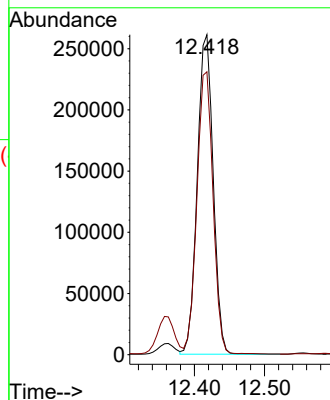
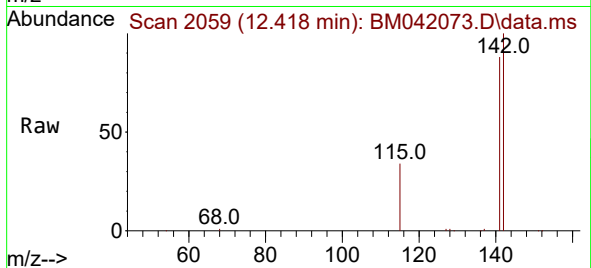




#7
2-Methylnaphthalene
Concen: 15.224 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

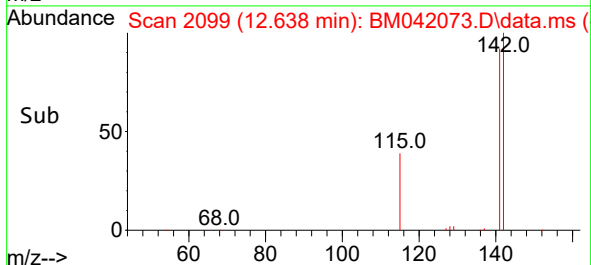
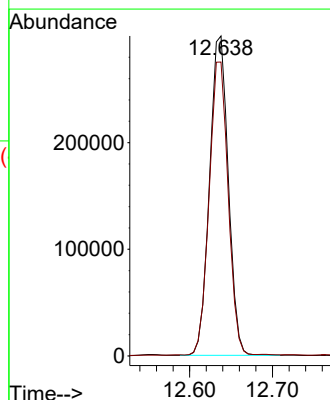
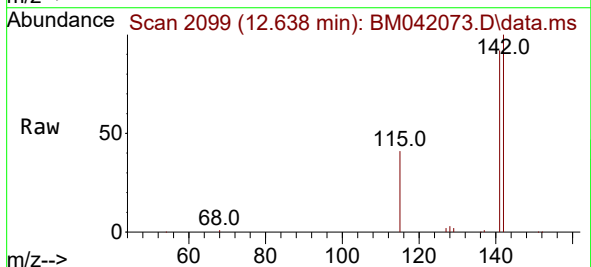
Instrument :
BNA_M
ClientSampleId :
BBHJ4DL

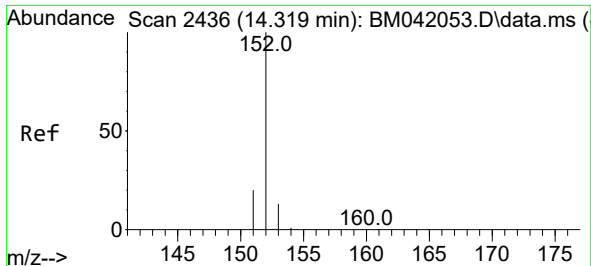
Tgt Ion:142 Resp: 413628
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 17.122 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

Tgt Ion:142 Resp: 472282
Ion Ratio Lower Upper
142 100
141 93.0 75.1 112.7

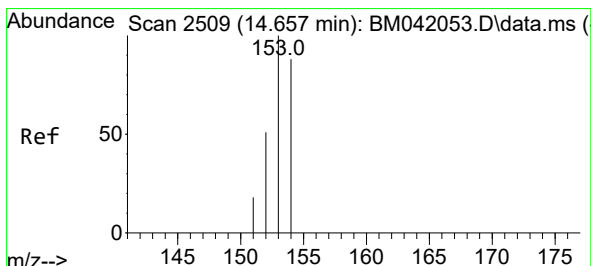
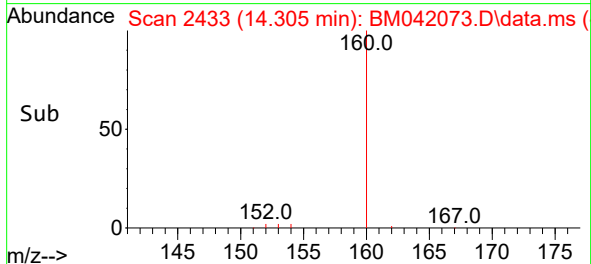
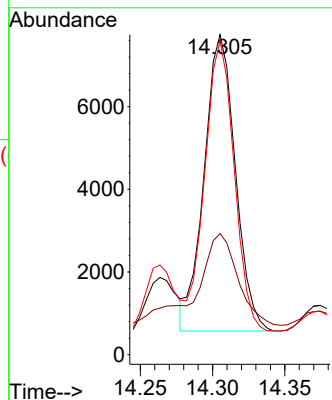
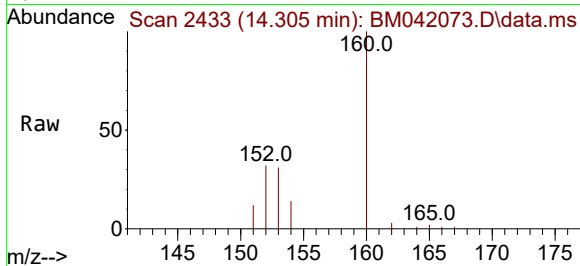




#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 14.305 min Scan# 2433
Delta R.T. -0.023 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

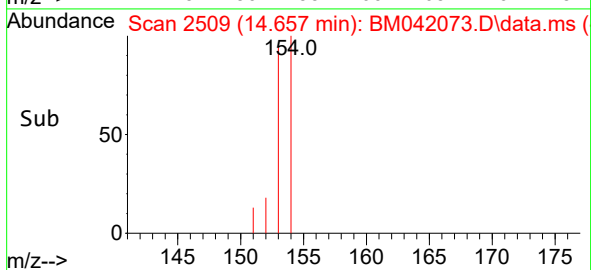
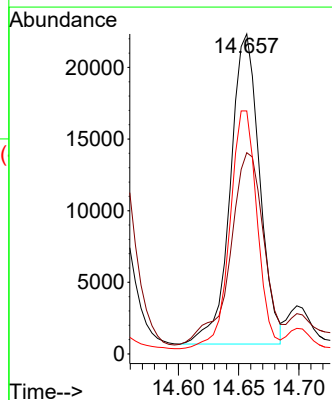
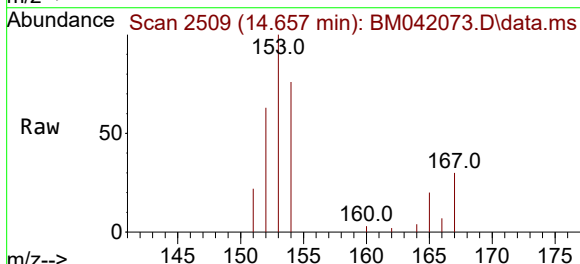
Instrument :
BNA_M
ClientSampleId :
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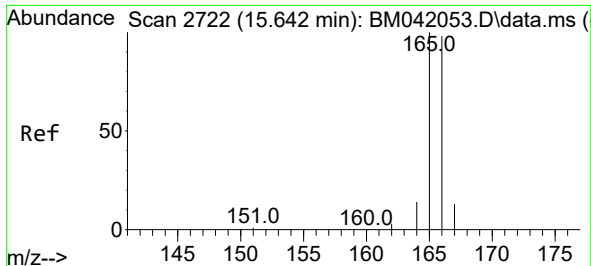
Tgt Ion:152 Resp: 10772
Ion Ratio Lower Upper
152 100
151 37.9 16.2 24.4#
153 98.1 10.8 16.2#



#11
Acenaphthene
Concen: 1.113 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

Tgt Ion:153 Resp: 36649
Ion Ratio Lower Upper
153 100
152 62.9 41.8 62.8#
154 76.0 69.0 103.6

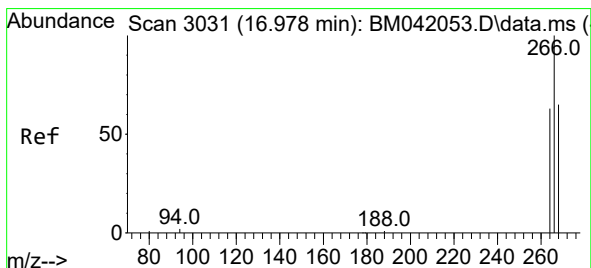
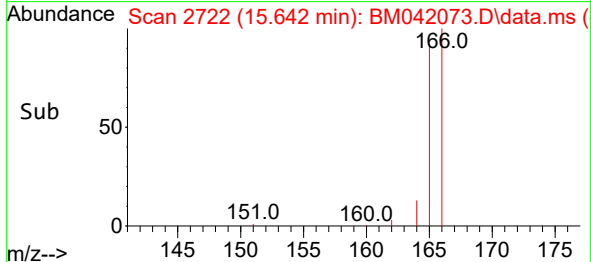
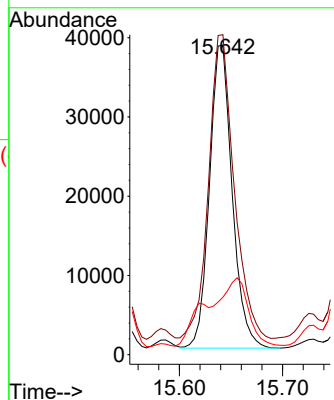
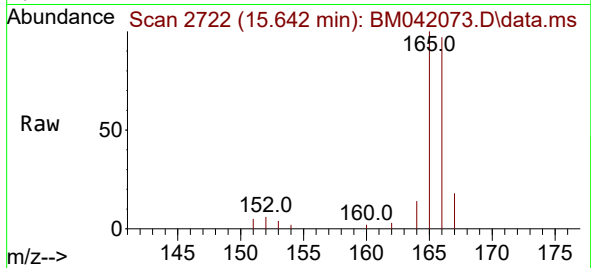




#12
Fluorene
Concen: 1.580 ng/ul
RT: 15.642 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

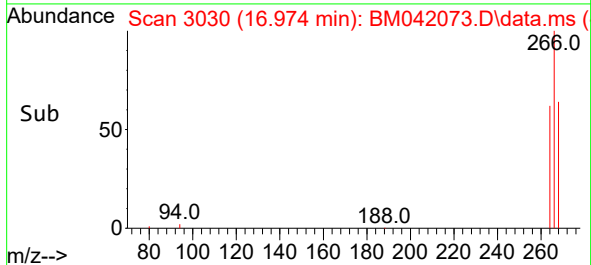
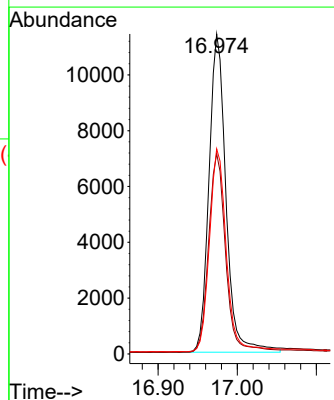
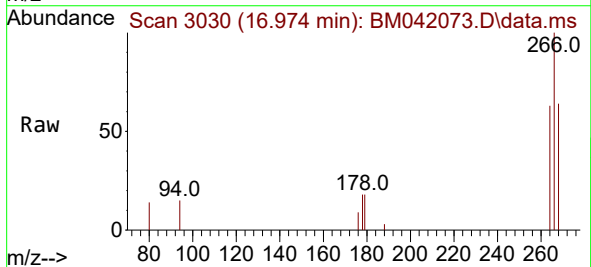
Instrument :
BNA_M
ClientSampleId :
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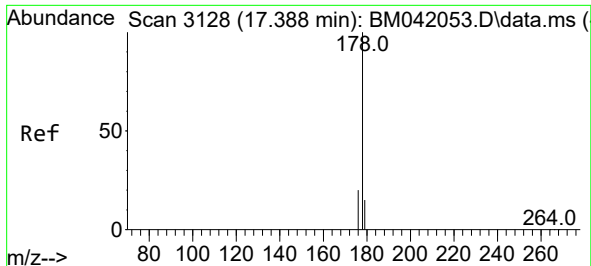
Tgt Ion:166 Resp: 58606
Ion Ratio Lower Upper
166 100
165 103.4 79.8 119.8
167 18.6 11.1 16.7#



#14
Pentachlorophenol
Concen: 2.512 ng/ul
RT: 16.974 min Scan# 3030
Delta R.T. -0.008 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

Tgt Ion:266 Resp: 16992
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.4
268 63.5 51.0 76.4

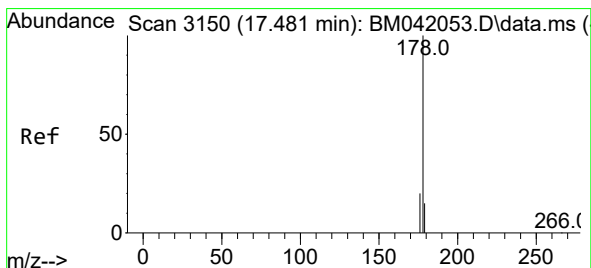
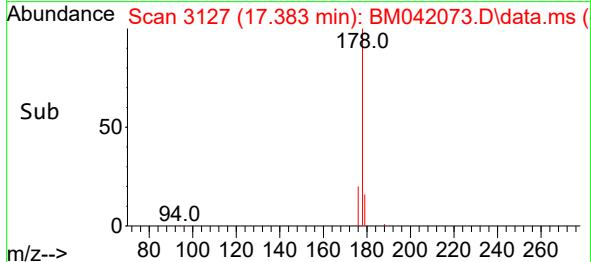
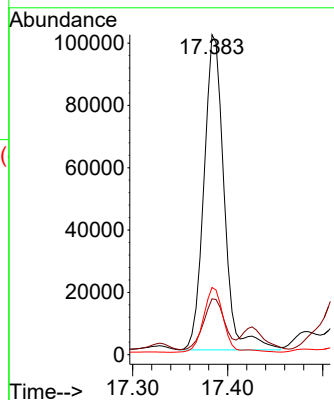
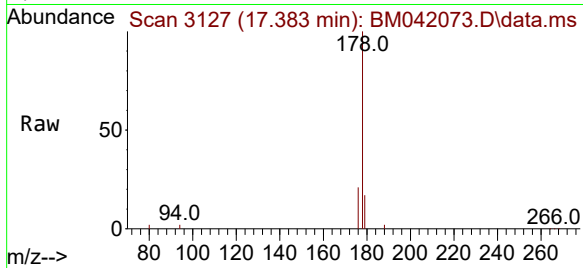




#15
Phenanthrene
Concen: 2.518 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.013 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

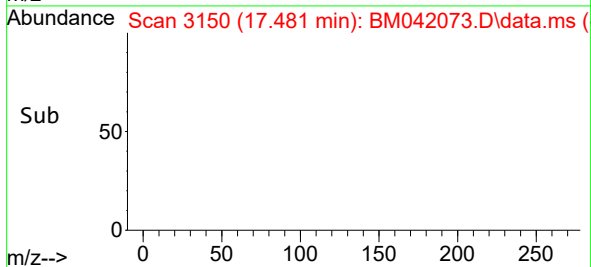
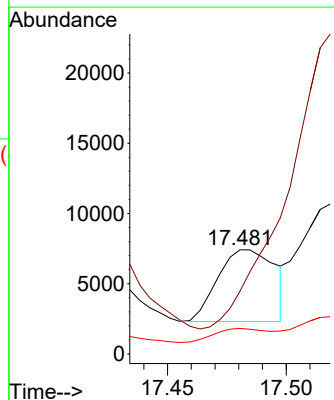
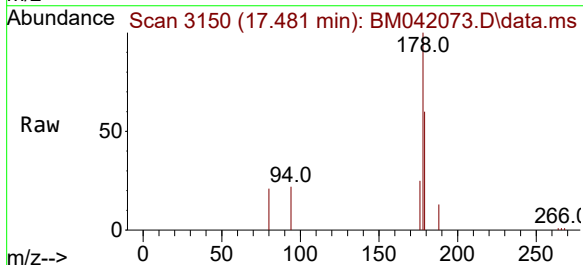
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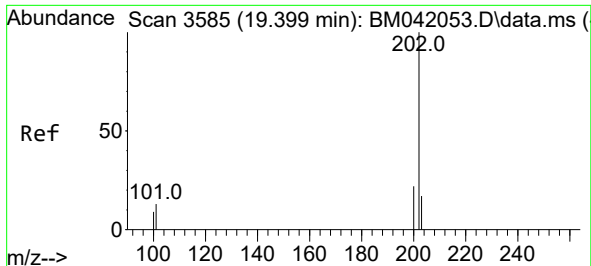
Tgt Ion:178 Resp: 149355
Ion Ratio Lower Upper
178 100
179 17.4 12.7 19.1
176 21.0 16.6 24.8



#16
Anthracene
Concen: 0.168 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

Tgt Ion:178 Resp: 8590
Ion Ratio Lower Upper
178 100
179 60.3 12.9 19.3#
176 24.5 16.2 24.2#

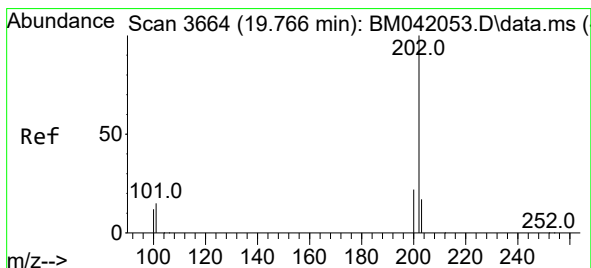
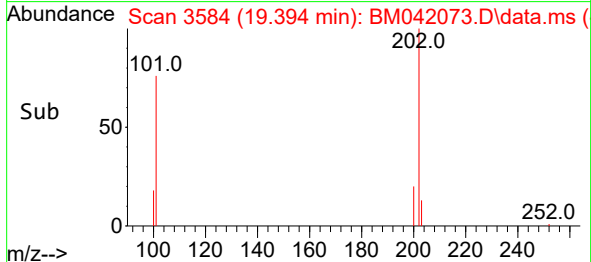
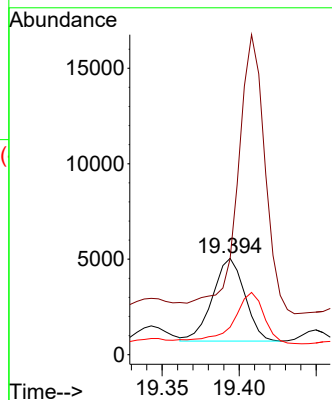
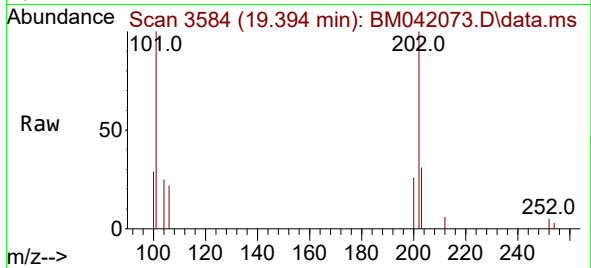




#19
Fluoranthene
Concen: 0.084 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

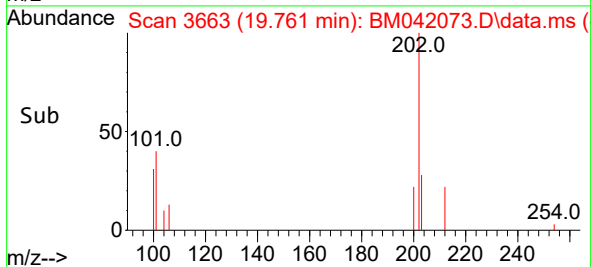
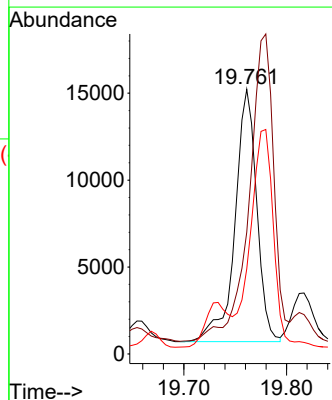
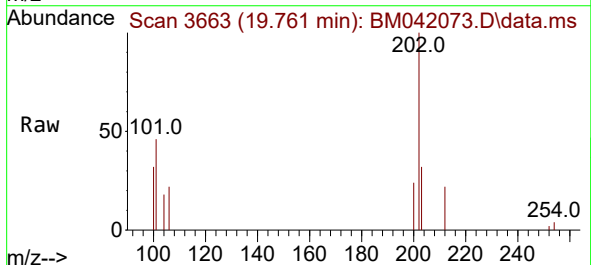
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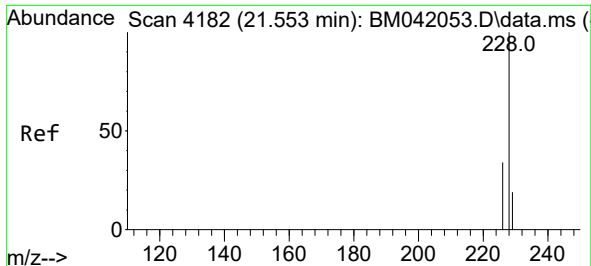
Tgt Ion:202 Resp: 6287
Ion Ratio Lower Upper
202 100
101 99.5 11.8 17.6#
100 28.6 9.1 13.7#



#20
Pyrene
Concen: 0.293 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

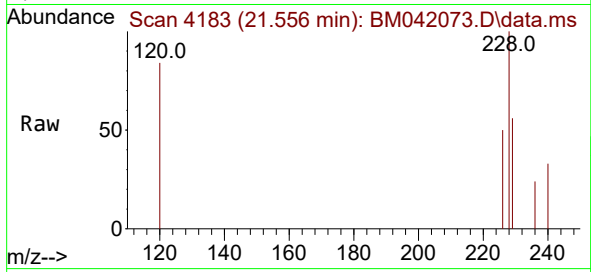
Tgt Ion:202 Resp: 21428
Ion Ratio Lower Upper
202 100
101 46.0 14.1 21.1#
100 32.2 11.4 17.0#





#22
Chrysene
Concen: 0.021 ng/ul
RT: 21.556 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM042073.D
Acq: 26 Sep 2023 16:52

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 1062
Ion Ratio Lower Upper
228 100
226 50.0 27.8 41.6#
229 55.9 15.6 23.4#

