

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040911.D
 Acq On : 15 Jul 2023 19:05
 Operator : MA/JU
 Sample : 03414-17
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46E8

Quant Time: Jul 16 00:29:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

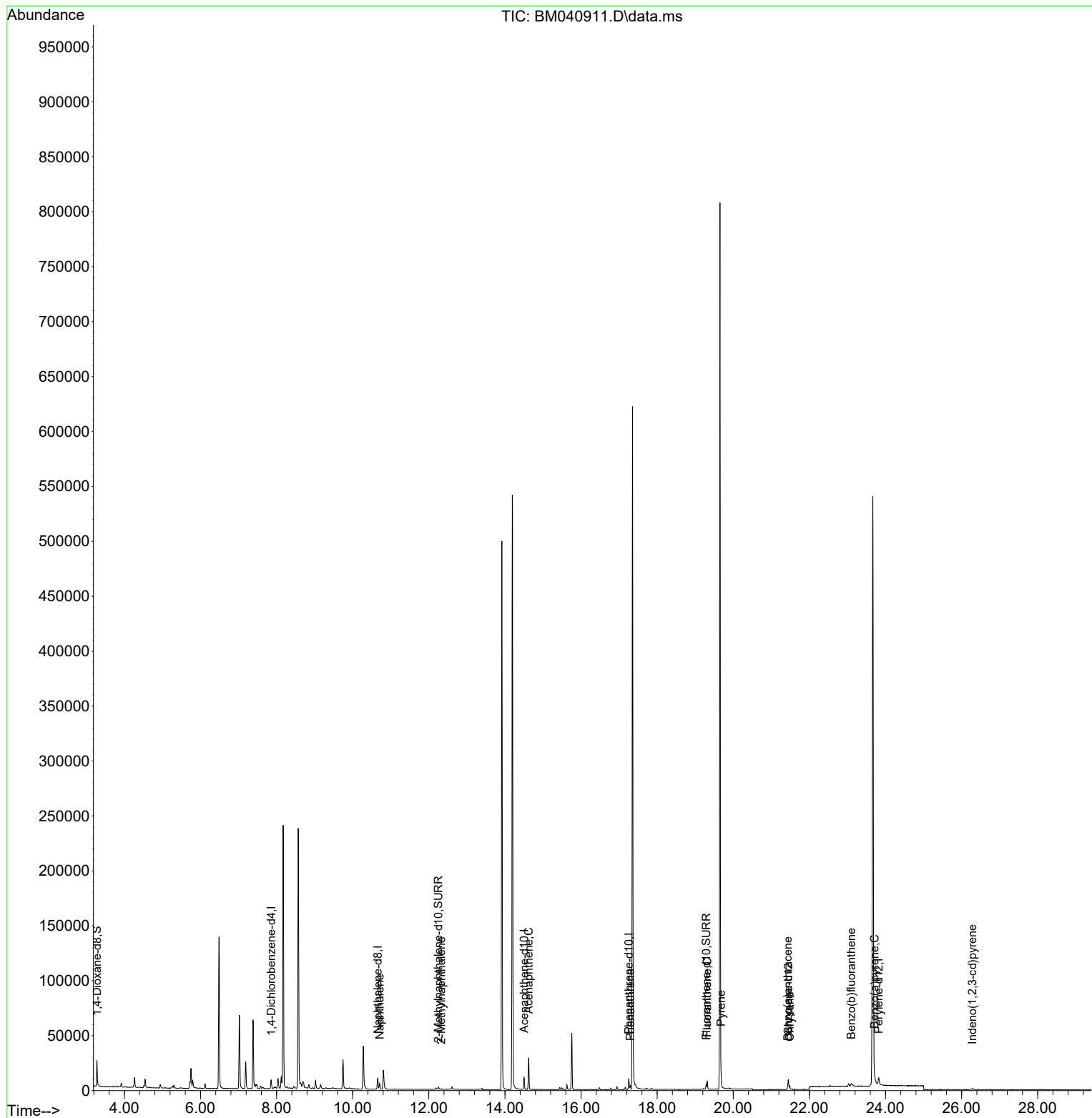
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	4080	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12820	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	5848	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	11339	0.400	ng/ul #	0.00
17) Chrysene-d12	21.445	240	7785	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	10068	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13353	2.084	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	3022	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	4642	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	6993	0.198	ng/ul	97
7) 2-Methylnaphthalene	12.324	142	475	0.023	ng/ul	97
11) Acenaphthene	14.624	153	8328	0.377	ng/ul#	1
15) Phenanthrene	17.295	178	3559	0.101	ng/ul#	95
19) Fluoranthene	19.315	202	6094	0.184	ng/ul	98
20) Pyrene	19.678	202	7765	0.219	ng/ul#	95
21) Benzo(a)anthracene	21.431	228	2271	0.086	ng/ul#	88
22) Chrysene	21.483	228	3633	0.121	ng/ul#	91
24) Benzo(b)fluoranthene	23.100	252	3981	0.102	ng/ul#	54
26) Benzo(a)pyrene	23.711	252	1706	0.049	ng/ul#	13
27) Indeno(1,2,3-cd)pyrene	26.280	276	1955	0.040	ng/ul#	87

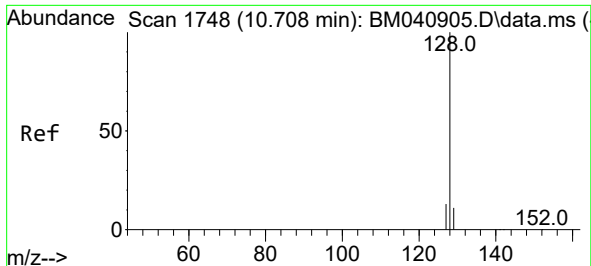
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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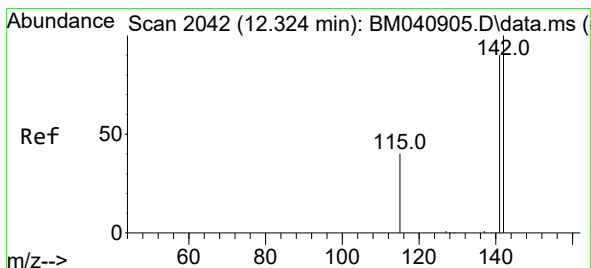
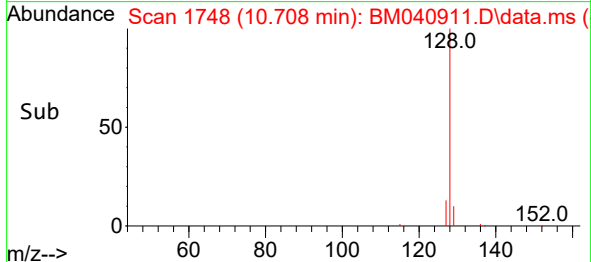
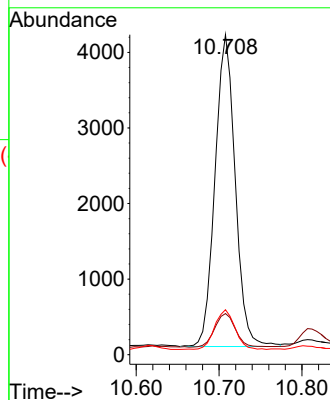
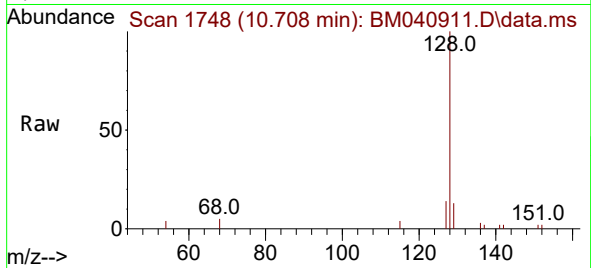




#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

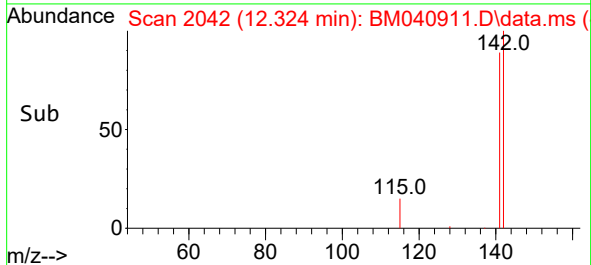
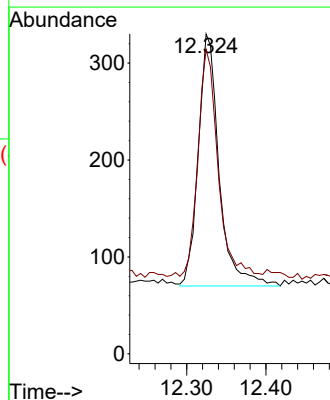
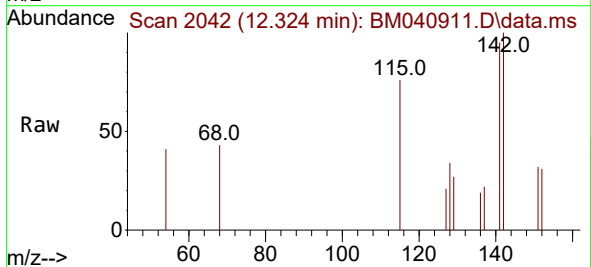
Instrument :
BNA_M
ClientSampleId :
A46E8

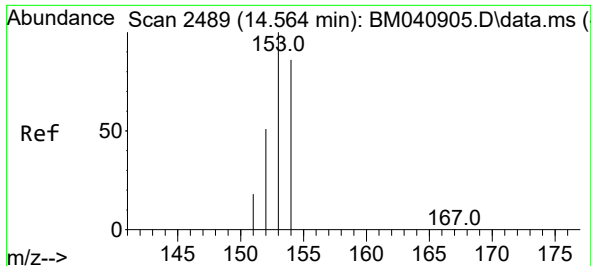
Tgt Ion:128 Resp: 6993
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 14.0 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9

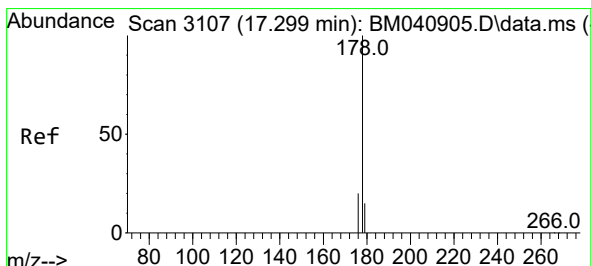
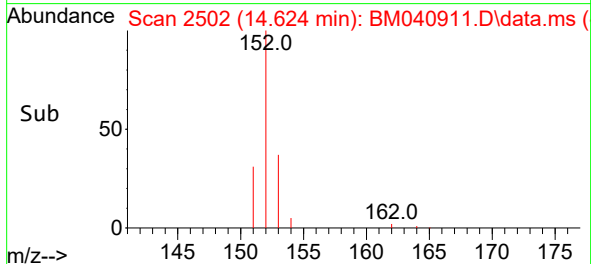
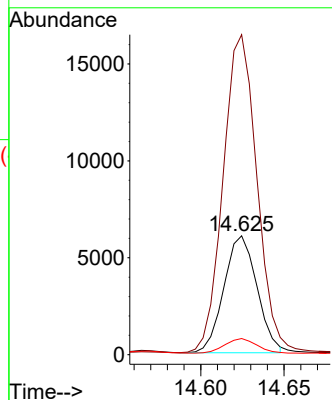
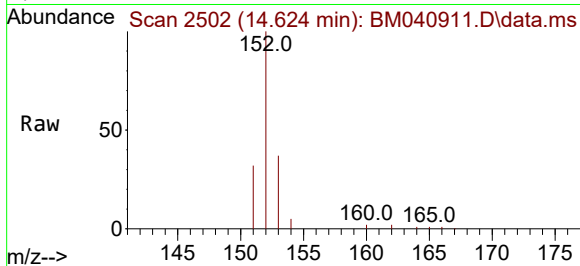




#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.624 min Scan# 21
Delta R.T. 0.056 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

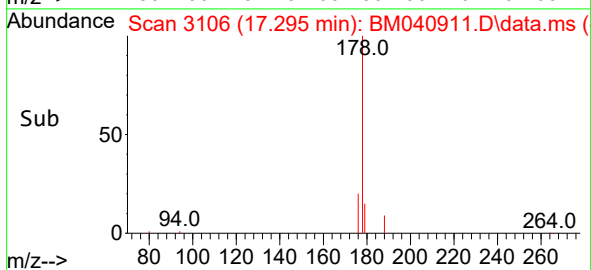
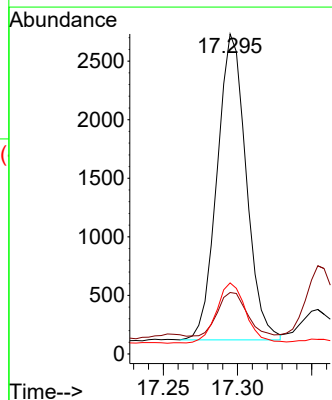
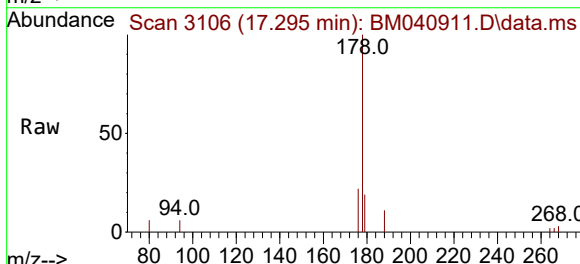
Instrument :
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ClientSampleId :
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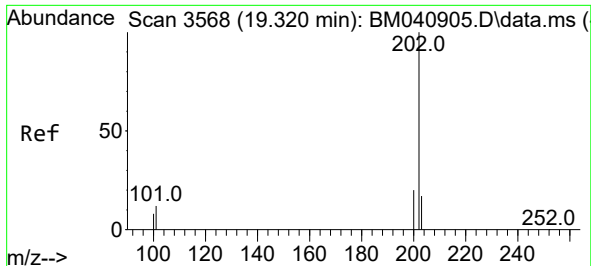
Tgt Ion:153 Resp: 8328
Ion Ratio Lower Upper
153 100
152 269.3 41.0 61.4#
154 13.6 70.8 106.2#



#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

Tgt Ion:178 Resp: 3559
Ion Ratio Lower Upper
178 100
179 19.2 12.8 19.2#
176 22.2 16.4 24.6

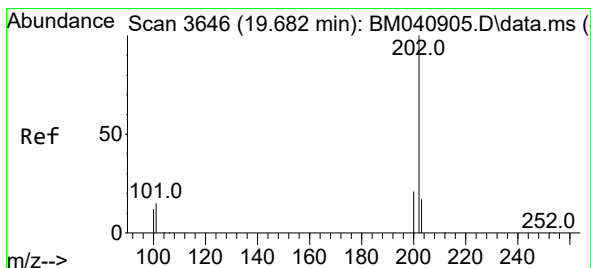
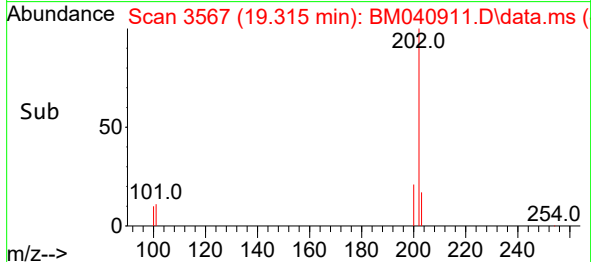
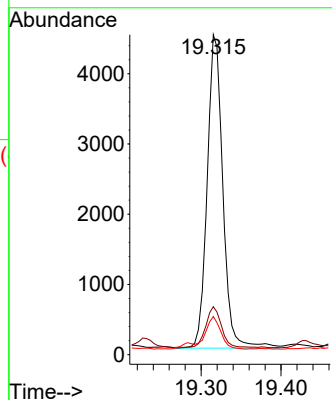
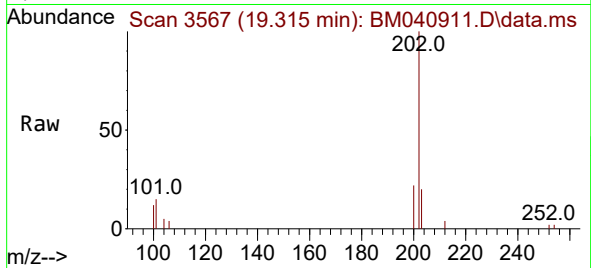




#19
Fluoranthene
Concen: 0.184 ng/ul
RT: 19.315 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

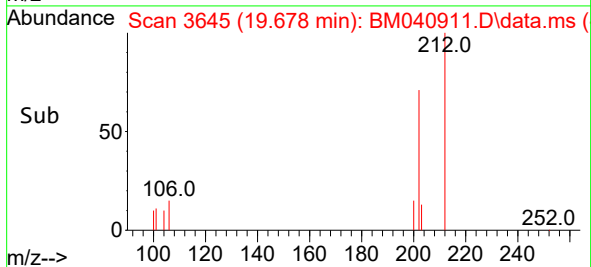
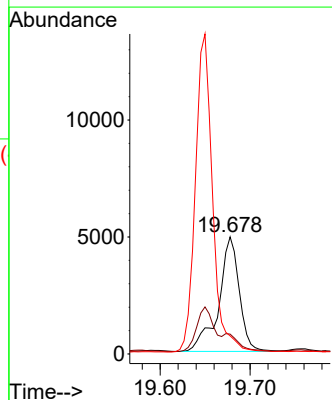
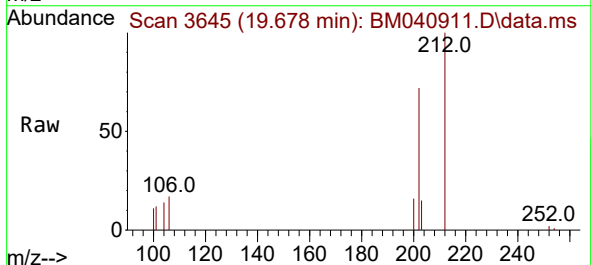
Instrument :
BNA_M
ClientSampleId :
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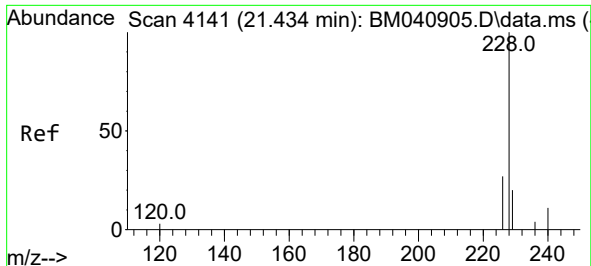
Tgt Ion:202 Resp: 6094
Ion Ratio Lower Upper
202 100
101 15.0 11.4 17.0
100 11.9 8.7 13.1



#20
Pyrene
Concen: 0.219 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

Tgt Ion:202 Resp: 7765
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 15.4 9.8 14.6#

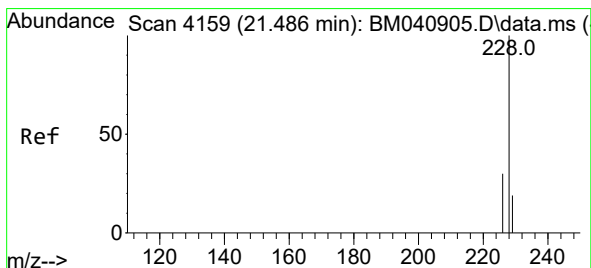
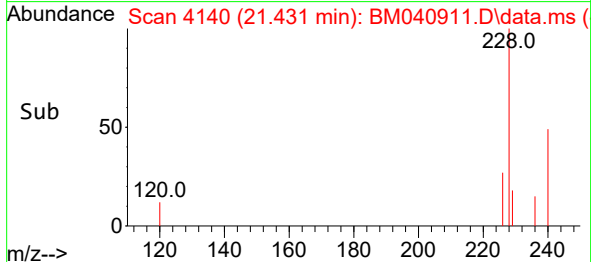
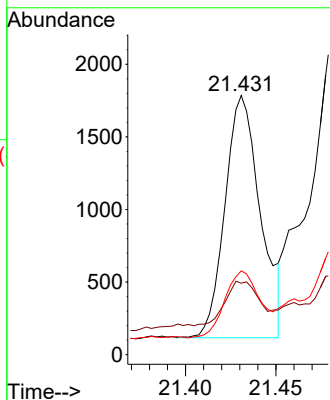
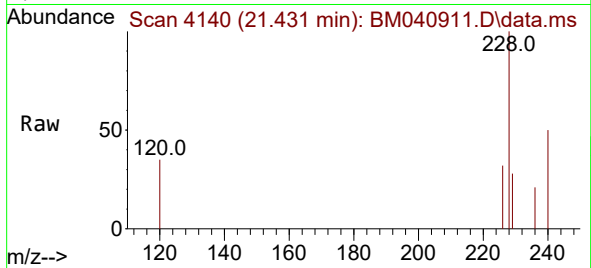




#21
Benzo(a)anthracene
Concen: 0.086 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

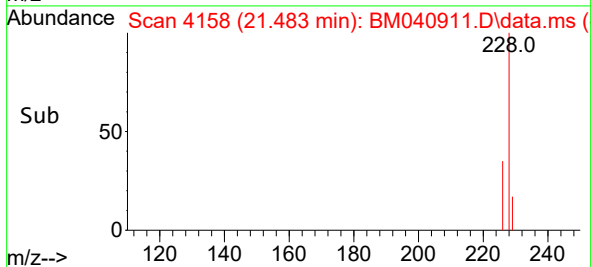
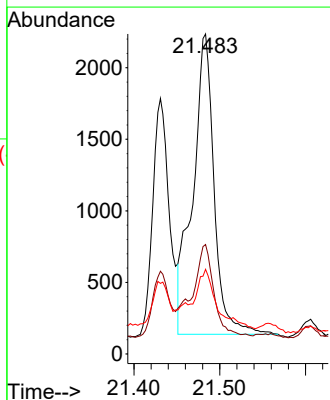
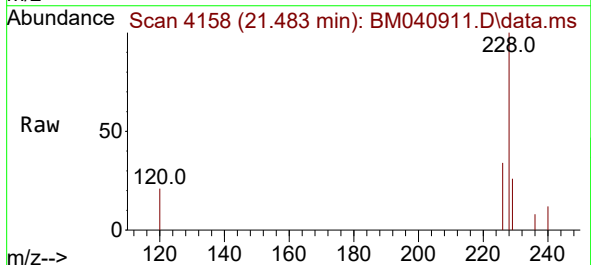
Instrument :
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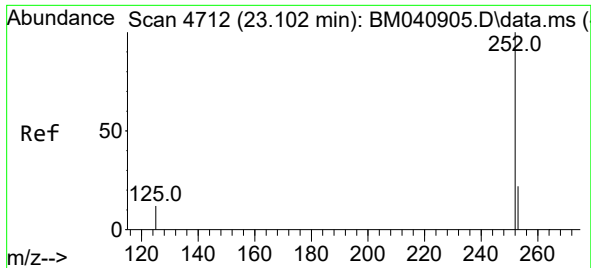
Tgt Ion:228 Resp: 2271
Ion Ratio Lower Upper
228 100
229 27.6 16.0 24.0#
226 32.4 22.3 33.5



#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

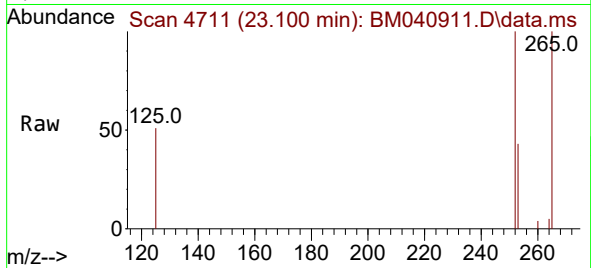
Tgt Ion:228 Resp: 3633
Ion Ratio Lower Upper
228 100
226 34.2 24.9 37.3
229 26.5 15.8 23.6#



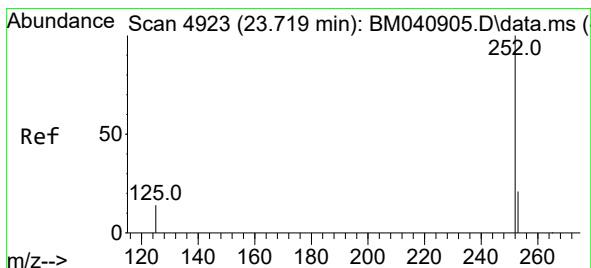
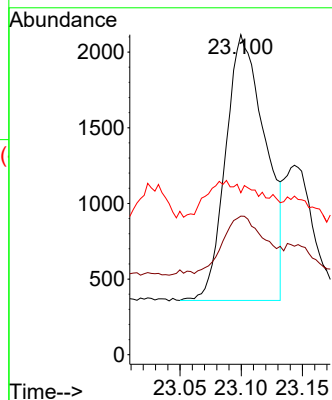


#24
Benzo(b)fluoranthene
Concen: 0.102 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

Instrument :
BNA_M
ClientSampleId :
A46E8

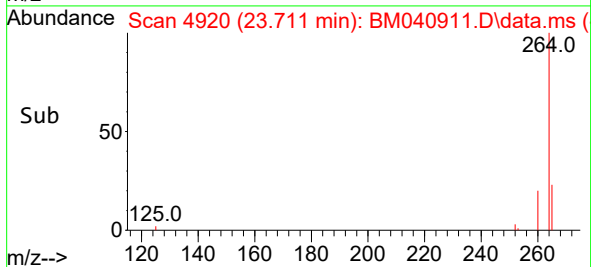
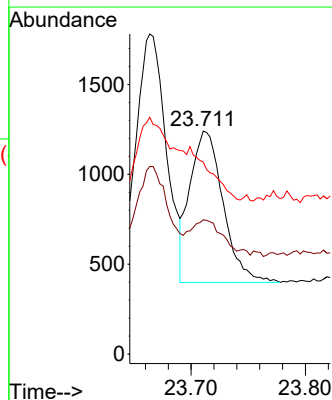
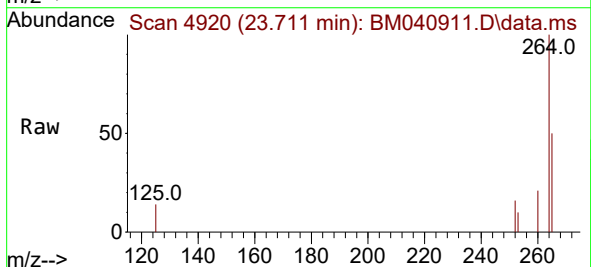


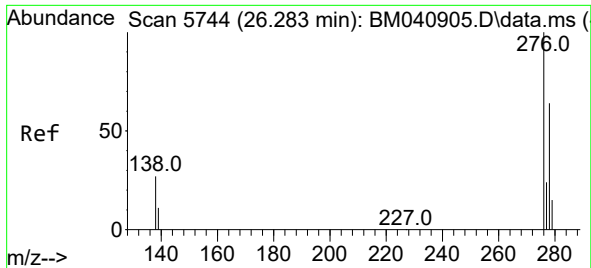
Tgt Ion:252 Resp: 3981
Ion Ratio Lower Upper
252 100
253 43.3 0.0 52.8
125 50.6 0.0 43.0#



#26
Benzo(a)pyrene
Concen: 0.049 ng/ul
RT: 23.711 min Scan# 4920
Delta R.T. -0.012 min
Lab File: BM040911.D
Acq: 15 Jul 2023 19:05

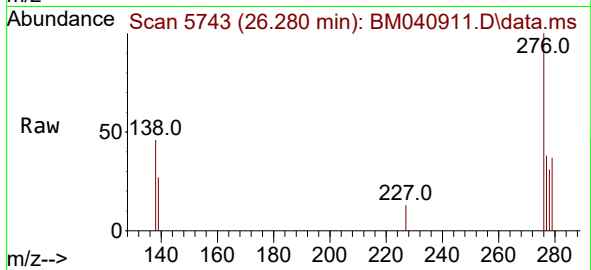
Tgt Ion:252 Resp: 1706
Ion Ratio Lower Upper
252 100
253 60.2 22.9 34.3#
125 86.1 21.0 31.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.040 ng/ul
 RT: 26.280 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM040911.D
 Acq: 15 Jul 2023 19:05

Instrument :
 BNA_M
 ClientSampleId :
 A46E8



Tgt Ion: 276 Resp: 1955
 Ion Ratio Lower Upper
 276 100
 138 23.7 24.5 36.7#
 227 0.0 0.1 0.1#

