

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038951.D
 Acq On : 09 Mar 2023 18:35
 Operator : CG/JU
 Sample : 01784-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD9

Quant Time: Mar 10 03:53:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

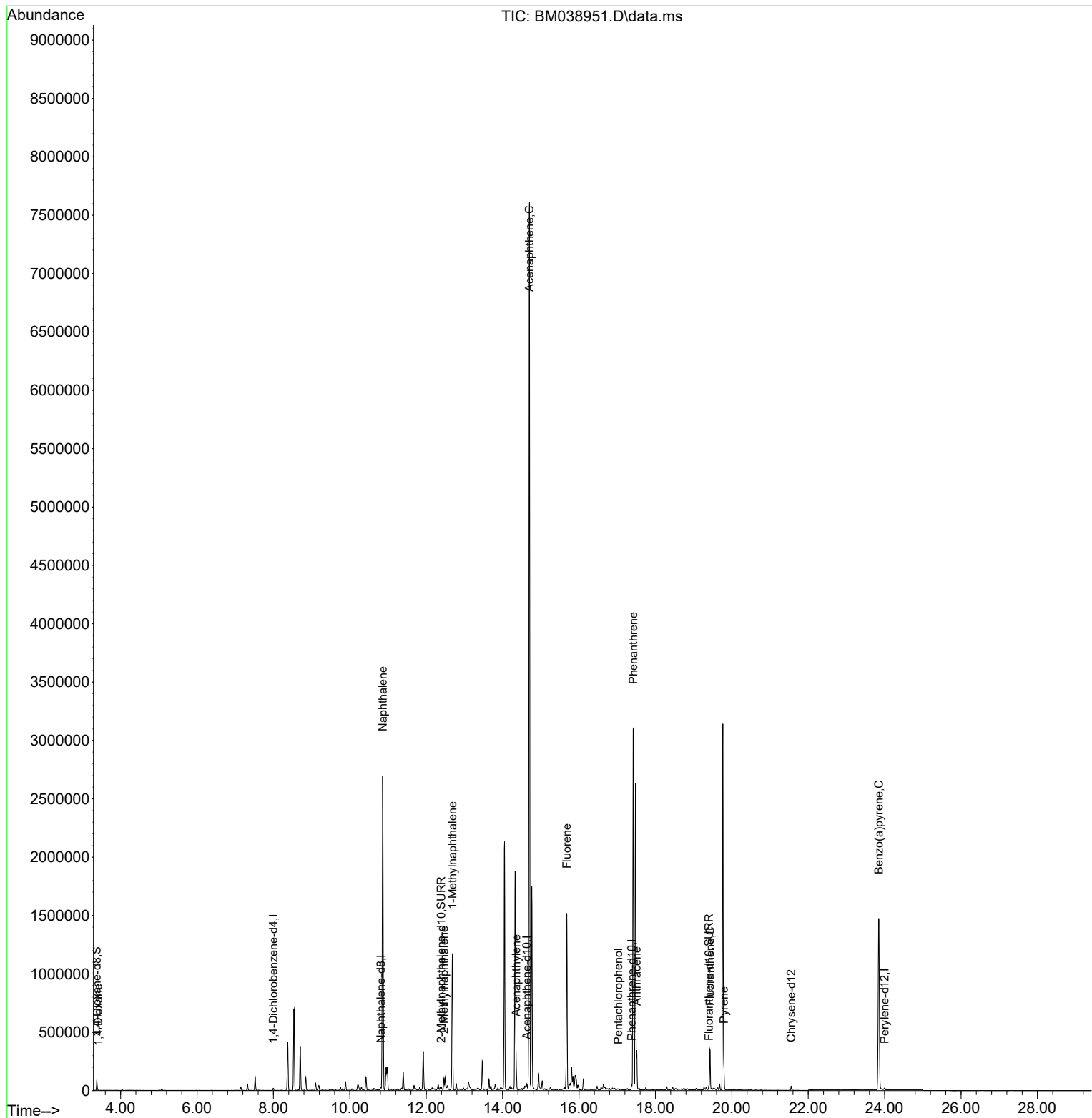
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	8995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	31512	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.633	164	22193	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.375	188	42541	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.553	240	30635	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	22857	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	50962	5.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	16747	0.439	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	39167	0.537	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	259	0.025	ng/ul#	8
5) Naphthalene	10.861	128	3618557	48.030	ng/ul	100
7) 2-Methylnaphthalene	12.466	142	67610	1.479	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	781715	16.300	ng/ul	98
10) Acenaphthylene	14.355	152	220462	2.732	ng/ul	98
11) Acenaphthene	14.702	153	4403368	66.348	ng/ul	92
12) Fluorene	15.678	166	951592	12.700	ng/ul	98
14) Pentachlorophenol	17.024	266	2635	0.257	ng/ul	99
15) Phenanthrene	17.421	178	3311754	29.449	ng/ul	99
16) Anthracene	17.510	178	325368	3.514	ng/ul	99
19) Fluoranthene	19.431	202	280316	2.702	ng/ul	99
20) Pyrene	19.793	202	144354	1.355	ng/ul	99
26) Benzo(a)pyrene	23.847	252	8386	0.118	ng/ul#	57

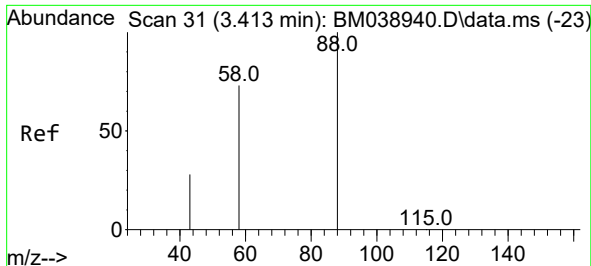
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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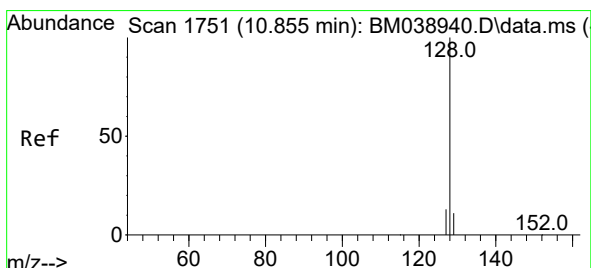
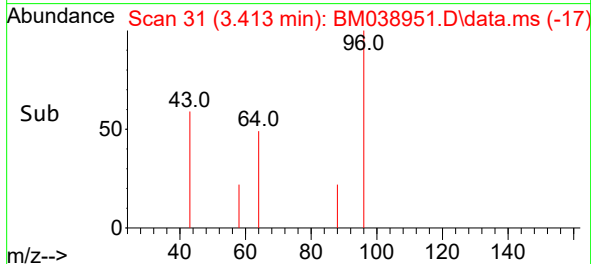
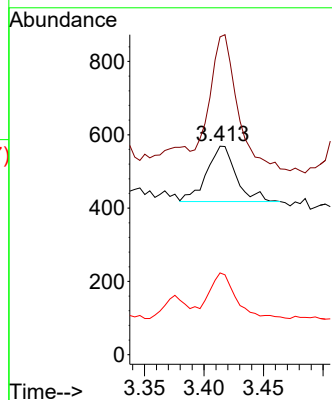
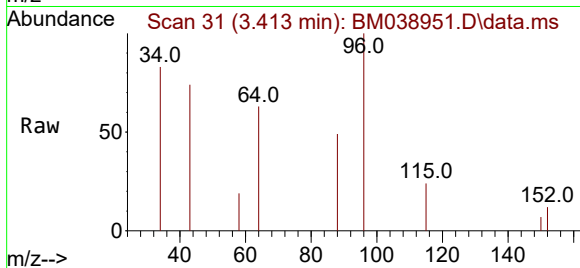




#2
1,4-Dioxane
Concen: 0.025 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

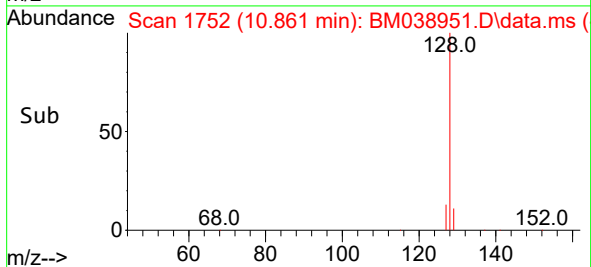
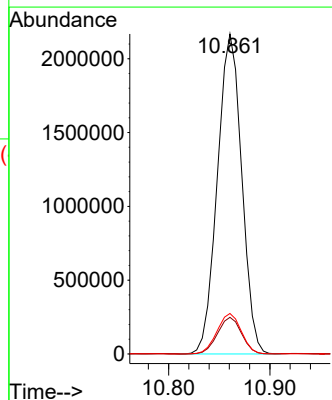
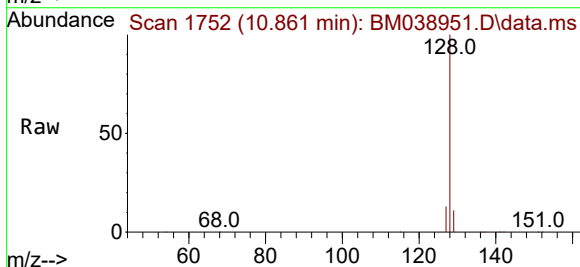
Instrument :
BNA_M
ClientSampleId :
DCAD9

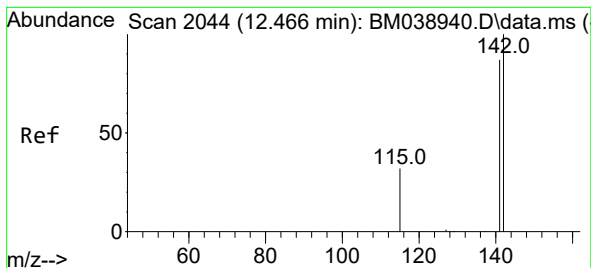
Tgt Ion: 88 Resp: 259
Ion Ratio Lower Upper
88 100
43 152.4 27.2 40.8#
58 39.2 50.8 76.2#



#5
Naphthalene
Concen: 48.030 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.006 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

Tgt Ion:128 Resp: 3618557
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.6 10.3 15.5

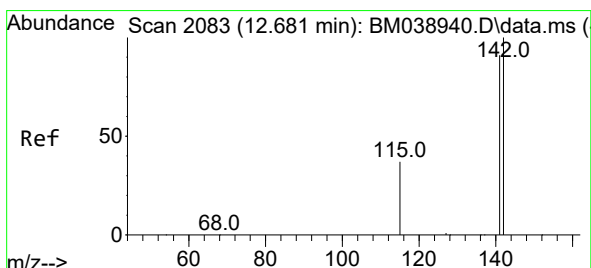
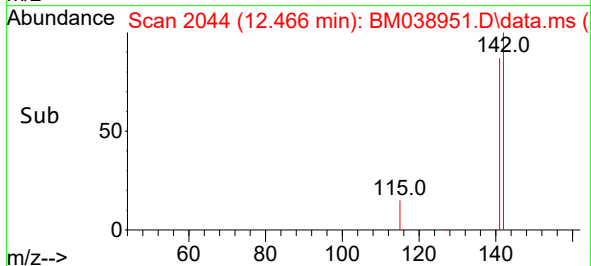
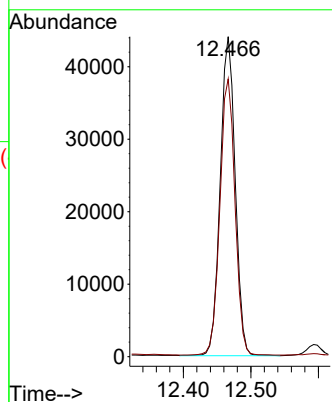
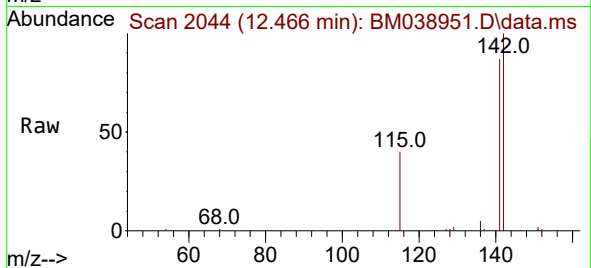




#7
2-Methylnaphthalene
Concen: 1.479 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

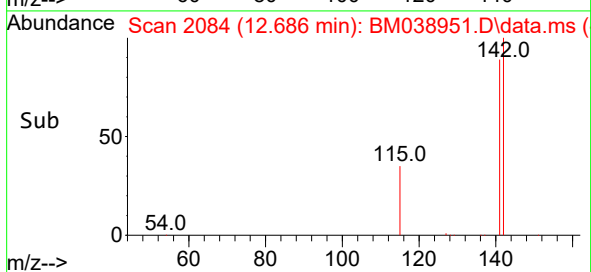
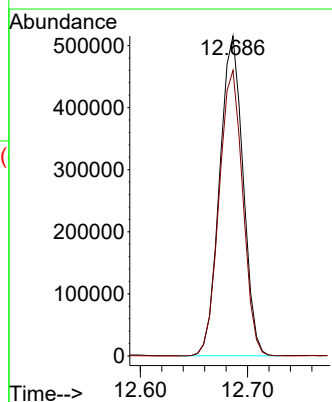
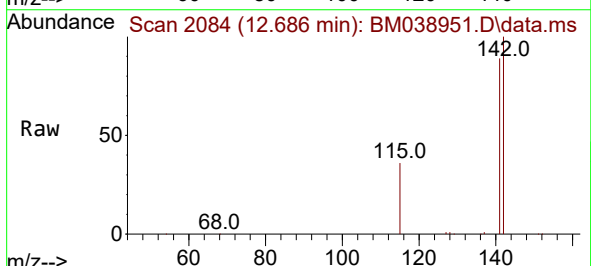
Instrument :
BNA_M
ClientSampleId :
DCAD9

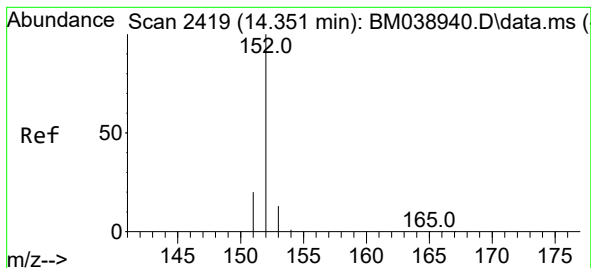
Tgt Ion:142 Resp: 67610
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#8
1-Methylnaphthalene
Concen: 16.300 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.006 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

Tgt Ion:142 Resp: 781715
Ion Ratio Lower Upper
142 100
141 90.0 73.5 110.3





#10

Acenaphthylene

Concen: 2.732 ng/ul

RT: 14.355 min Scan# 2419

Delta R.T. 0.005 min

Lab File: BM038951.D

Acq: 09 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD9

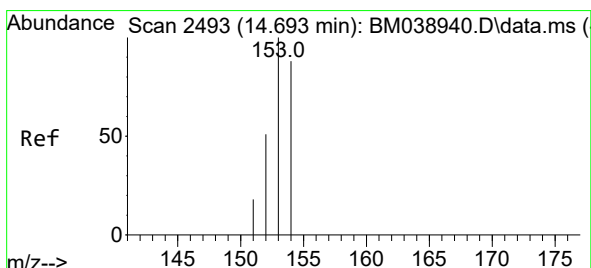
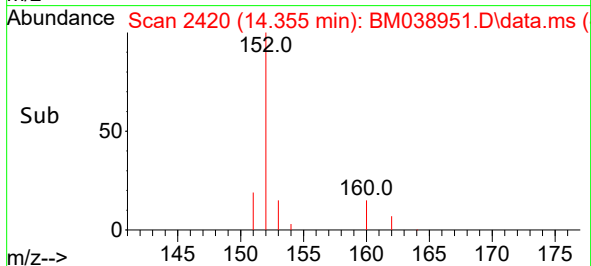
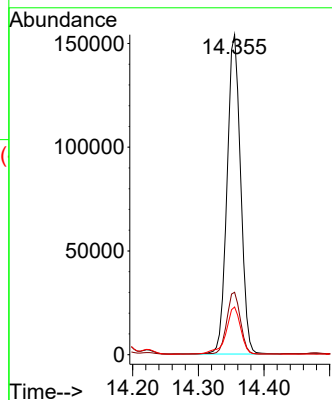
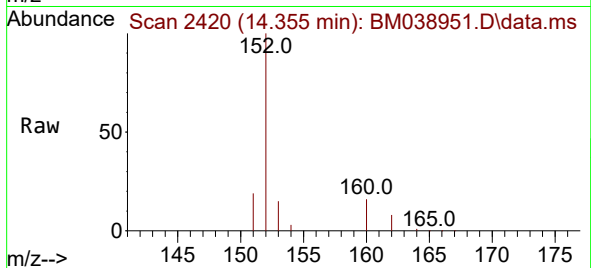
Tgt Ion:152 Resp: 220462

Ion Ratio Lower Upper

152 100

151 19.5 15.6 23.4

153 14.9 10.6 15.8



#11

Acenaphthene

Concen: 66.348 ng/ul

RT: 14.702 min Scan# 2495

Delta R.T. 0.009 min

Lab File: BM038951.D

Acq: 09 Mar 2023 18:35

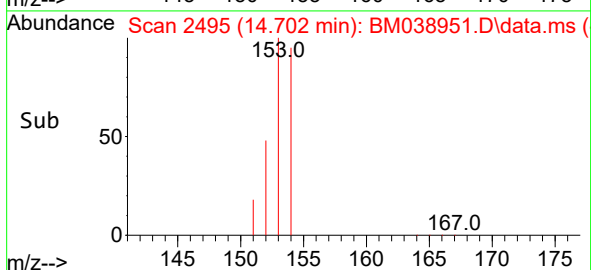
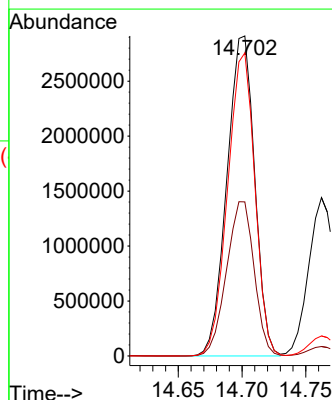
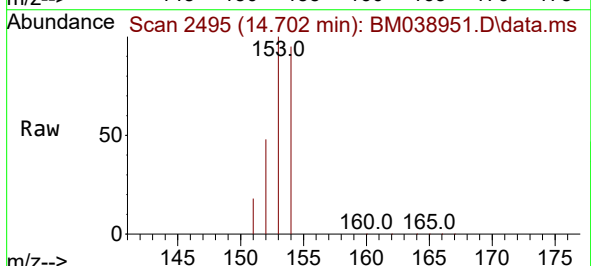
Tgt Ion:153 Resp: 4403368

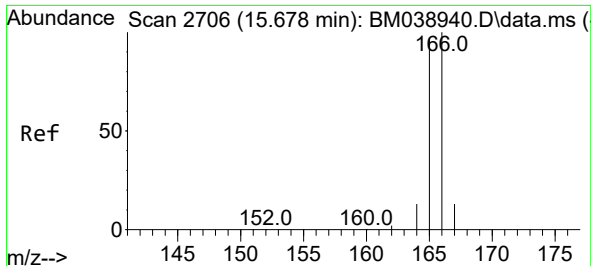
Ion Ratio Lower Upper

153 100

152 48.1 44.2 66.2

154 94.7 70.6 105.8

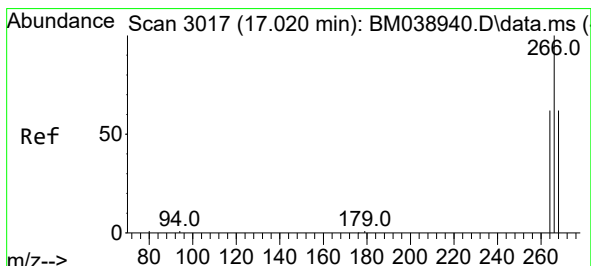
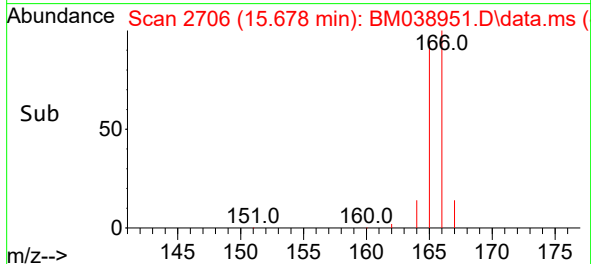
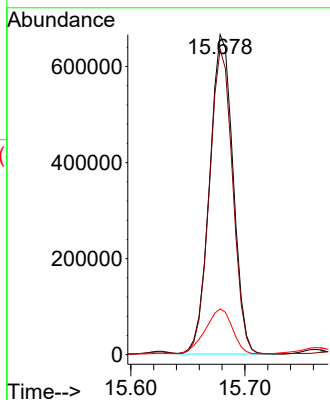
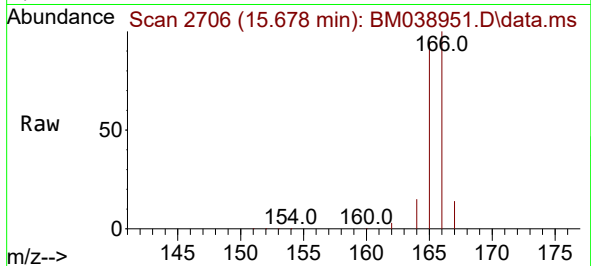




#12
Fluorene
Concen: 12.700 ng/ul
RT: 15.678 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

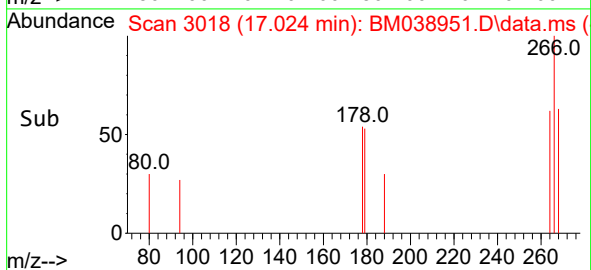
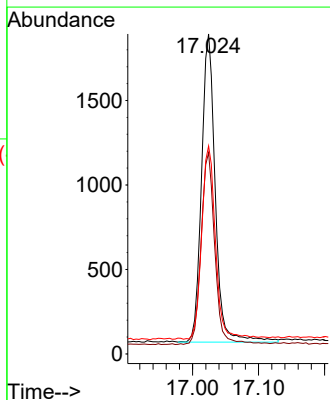
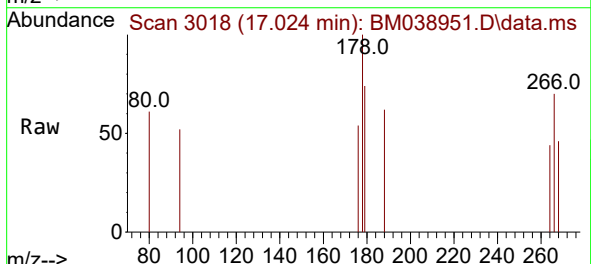
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ClientSampleId :
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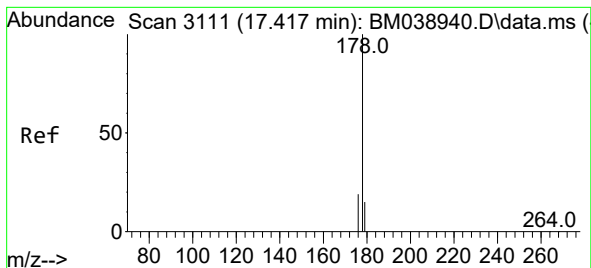
Tgt Ion:166 Resp: 951592
Ion Ratio Lower Upper
166 100
165 95.4 77.8 116.6
167 14.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.257 ng/ul
RT: 17.024 min Scan# 3018
Delta R.T. 0.004 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

Tgt Ion:266 Resp: 2635
Ion Ratio Lower Upper
266 100
264 61.7 50.2 75.2
268 63.6 50.2 75.4





#15

Phenanthrene

Concen: 29.449 ng/ul

RT: 17.421 min Scan# 3111

Delta R.T. 0.004 min

Lab File: BM038951.D

Acq: 09 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD9

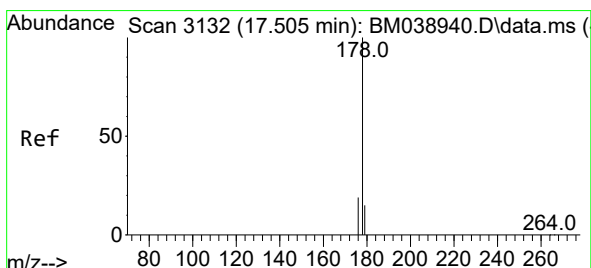
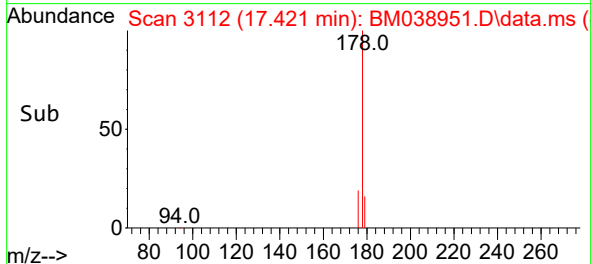
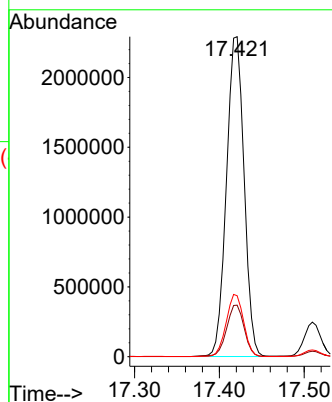
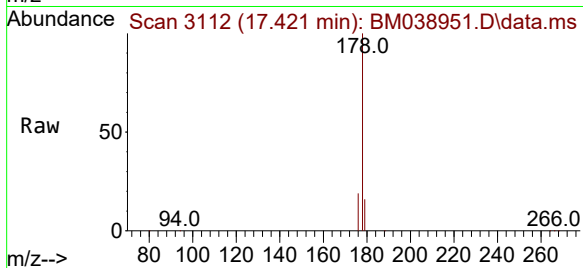
Tgt Ion:178 Resp: 3311754

Ion Ratio Lower Upper

178 100

179 16.1 12.7 19.1

176 19.1 15.9 23.9



#16

Anthracene

Concen: 3.514 ng/ul

RT: 17.510 min Scan# 3133

Delta R.T. 0.004 min

Lab File: BM038951.D

Acq: 09 Mar 2023 18:35

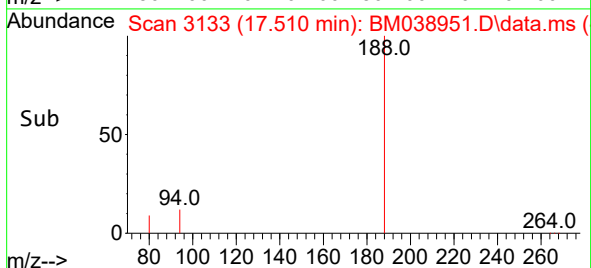
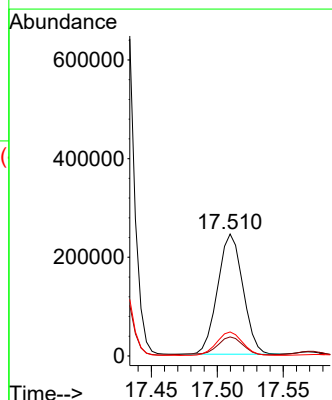
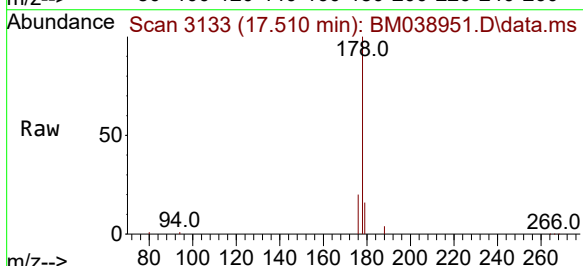
Tgt Ion:178 Resp: 325368

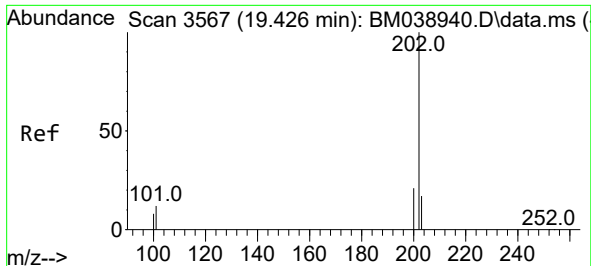
Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

176 19.6 15.4 23.2

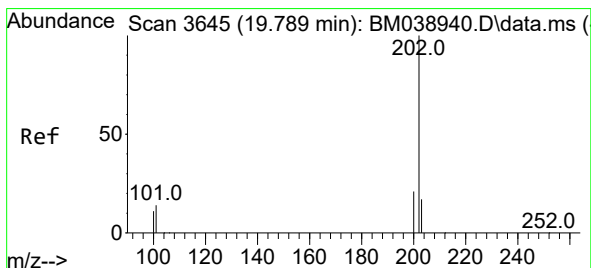
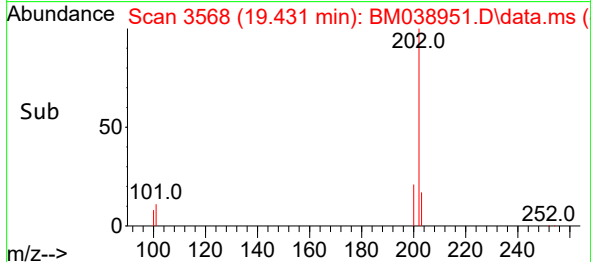
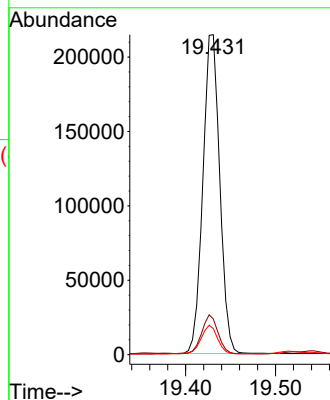
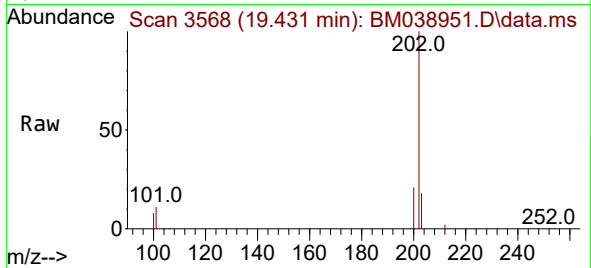




#19
Fluoranthene
Concen: 2.702 ng/ul
RT: 19.431 min Scan# 3567
Delta R.T. 0.005 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

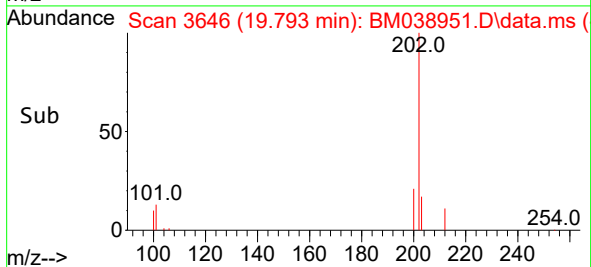
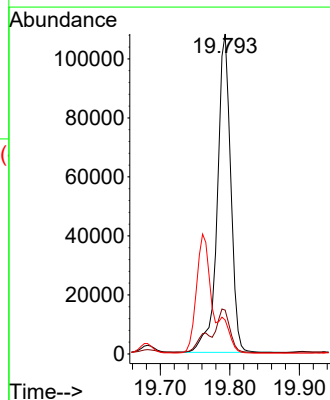
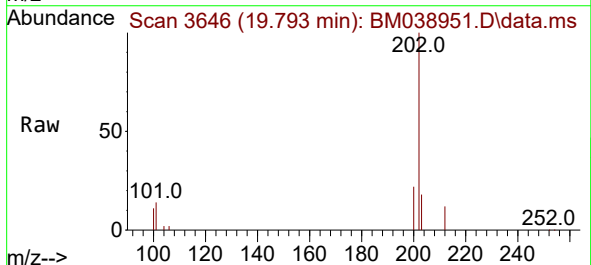
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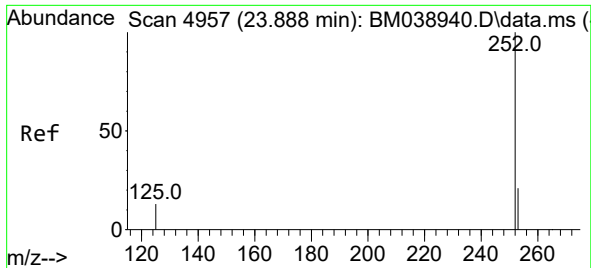
Tgt Ion:202 Resp: 280316
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.2 6.8 10.2



#20
Pyrene
Concen: 1.355 ng/ul
RT: 19.793 min Scan# 3646
Delta R.T. 0.005 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

Tgt Ion:202 Resp: 144354
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.6 9.0 13.6





#26

Benzo(a)pyrene

Concen: 0.118 ng/ul

RT: 23.847 min Scan# 49

Delta R.T. -0.041 min

Lab File: BM038951.D

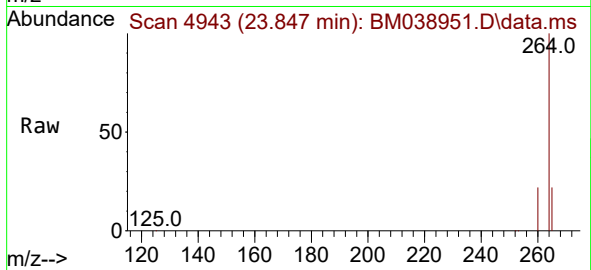
Acq: 09 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD9



Tgt Ion:252 Resp: 8386

Ion Ratio Lower Upper

252 100

253 43.8 20.3 30.5#

125 40.7 14.0 21.0#

