

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038549.D
 Acq On : 26 Jan 2023 15:03
 Operator : CG/JU
 Sample : 01226-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX9F7

Quant Time: Jan 27 00:43:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

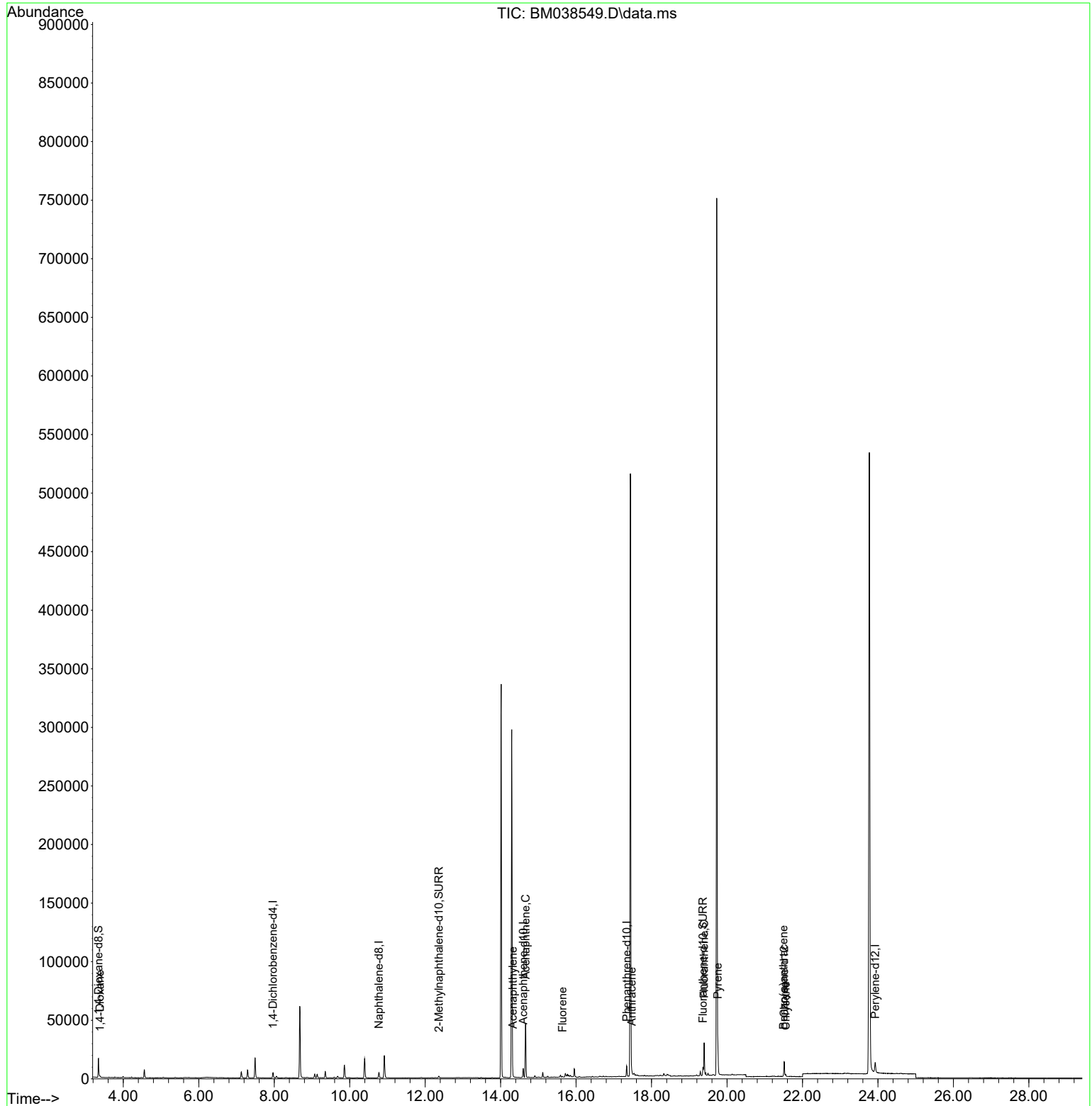
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	2303	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	6163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	4133	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	10408	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.518	240	11904	0.400	ng/ul	# 0.00
23) Perylene-d12	23.930	264	12190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	10361	3.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	1938	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	8155	0.240	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	485	0.158	ng/ul#	33
10) Acenaphthylene	14.324	152	570	0.031	ng/ul#	20
11) Acenaphthene	14.661	153	25482	1.835	ng/ul	99
12) Fluorene	15.642	166	382	0.022	ng/ul#	59
16) Anthracene	17.476	178	1673	0.058	ng/ul#	64
19) Fluoranthene	19.394	202	24328	0.573	ng/ul#	96
20) Pyrene	19.757	202	20564	0.450	ng/ul#	94
21) Benzo(a)anthracene	21.498	228	1641	0.039	ng/ul#	66
22) Chrysene	21.553	228	1880	0.044	ng/ul#	64

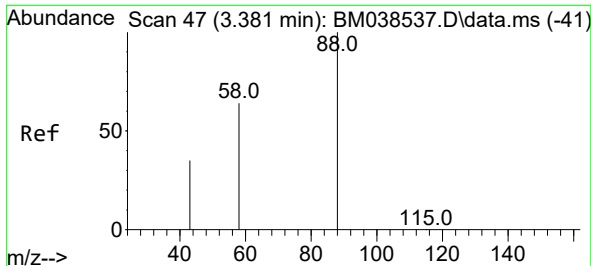
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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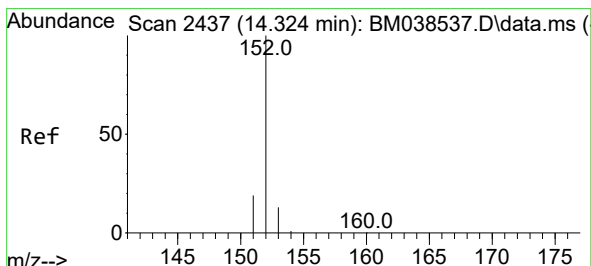
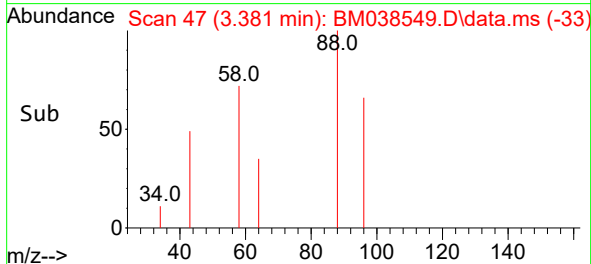
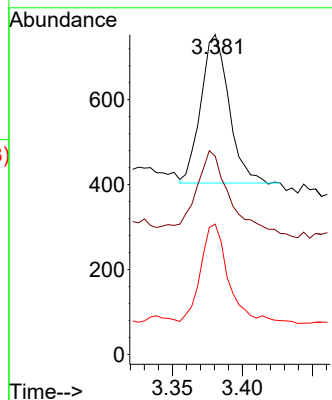
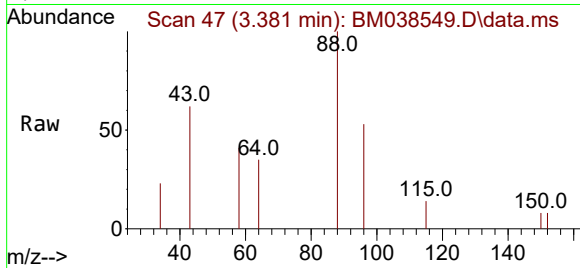




#2
 1,4-Dioxane
 Concen: 0.158 ng/ul
 RT: 3.381 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BM038549.D
 Acq: 26 Jan 2023 15:03

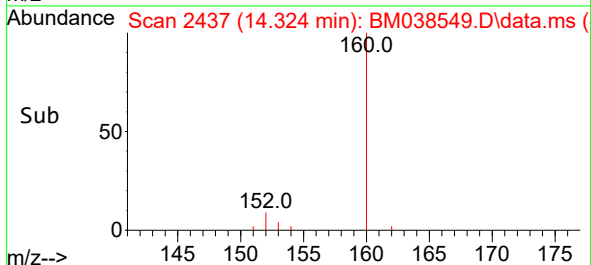
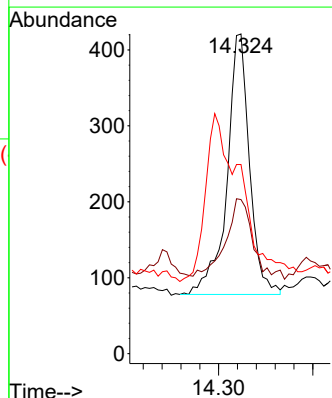
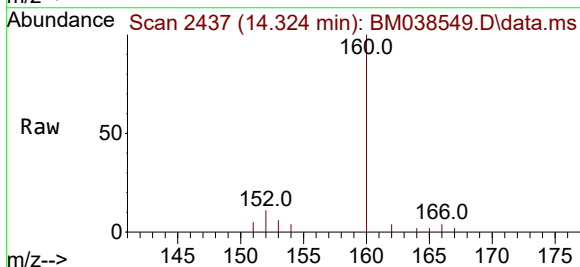
Instrument :
 BNA_M
 ClientSampleId :
 EX9F7

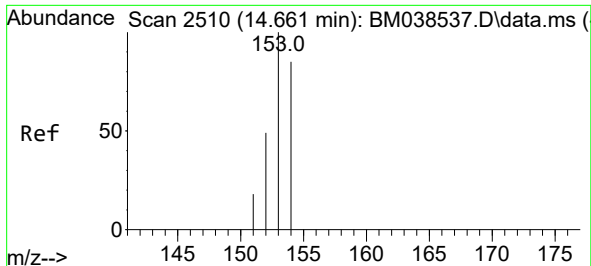
Tgt Ion: 88 Resp: 485
 Ion Ratio Lower Upper
 88 100
 43 62.0 141.3 211.9#
 58 40.8 45.7 68.5#



#10
 Acenaphthylene
 Concen: 0.031 ng/ul
 RT: 14.324 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BM038549.D
 Acq: 26 Jan 2023 15:03

Tgt Ion: 152 Resp: 570
 Ion Ratio Lower Upper
 152 100
 151 48.2 16.3 24.5#
 153 59.1 11.8 17.6#

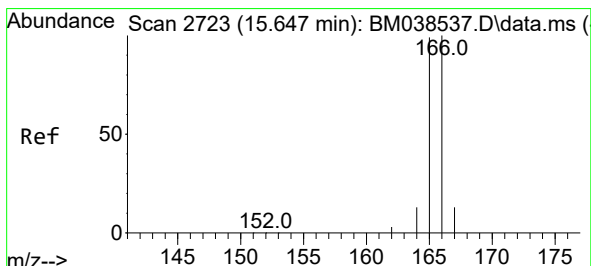
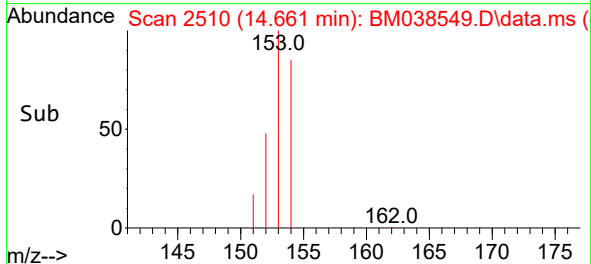
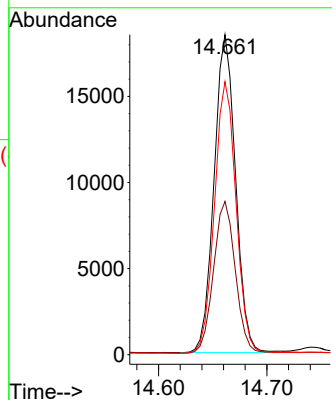
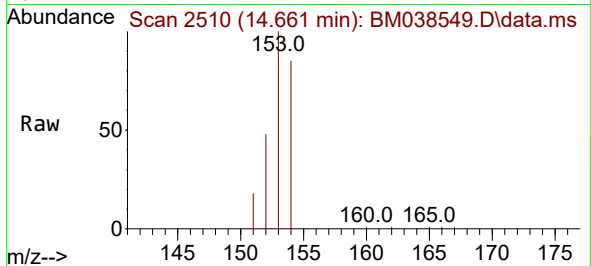




#11
Acenaphthene
Concen: 1.835 ng/ul
RT: 14.661 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038549.D
Acq: 26 Jan 2023 15:03

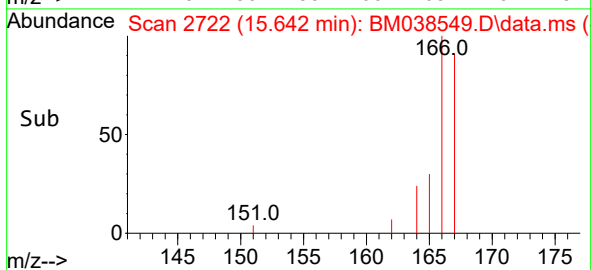
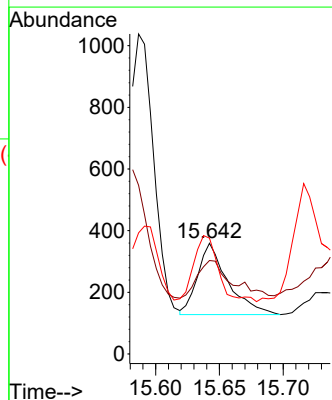
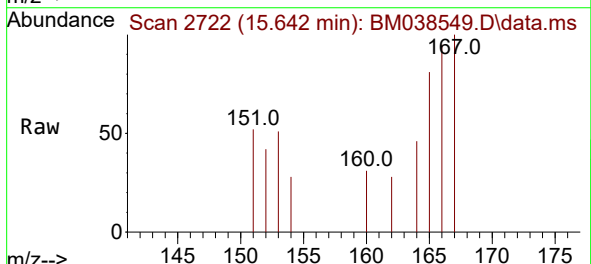
Instrument :
BNA_M
ClientSampleId :
EX9F7

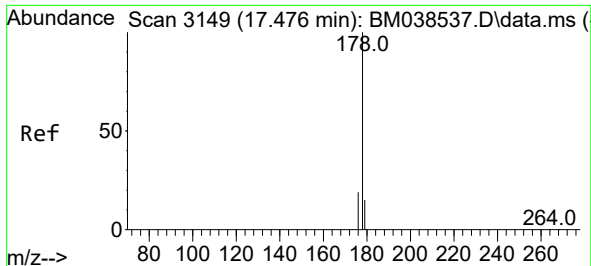
Tgt Ion:153 Resp: 25482
Ion Ratio Lower Upper
153 100
152 47.9 40.1 60.1
154 85.3 68.4 102.6



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.642 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BM038549.D
Acq: 26 Jan 2023 15:03

Tgt Ion:166 Resp: 382
Ion Ratio Lower Upper
166 100
165 84.4 79.3 118.9
167 104.7 11.9 17.9#

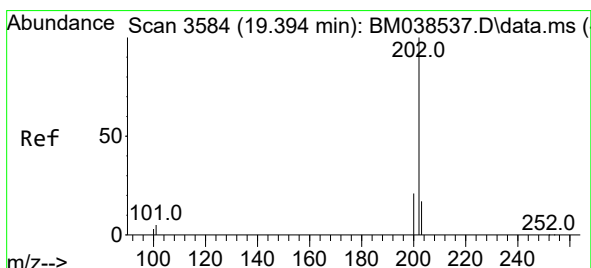
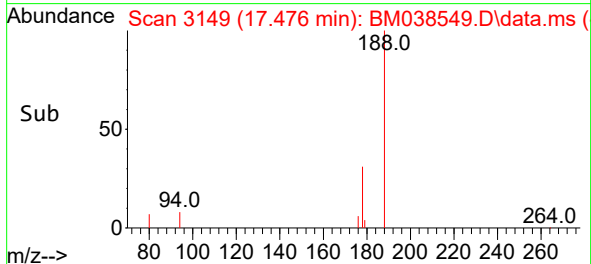
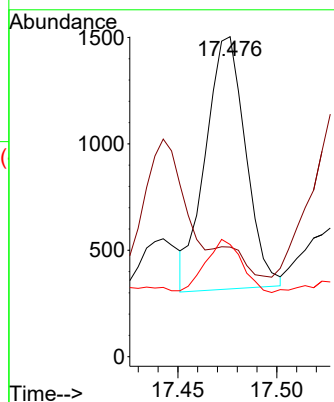
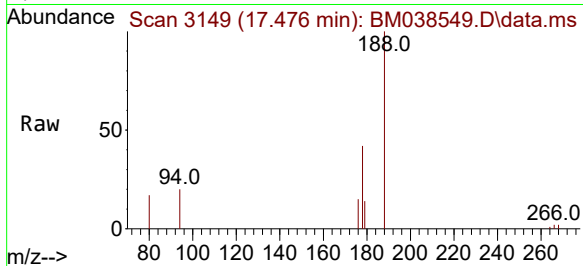




#16
 Anthracene
 Concen: 0.058 ng/ul
 RT: 17.476 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: BM038549.D
 Acq: 26 Jan 2023 15:03

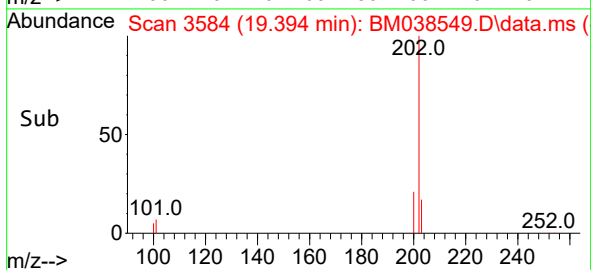
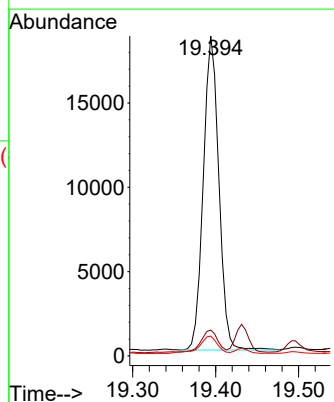
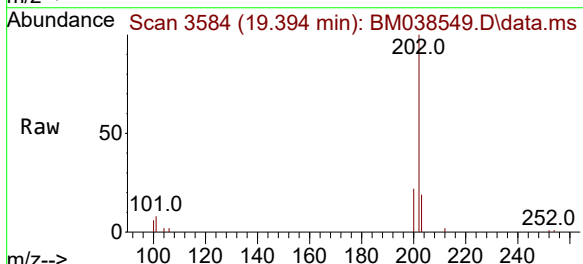
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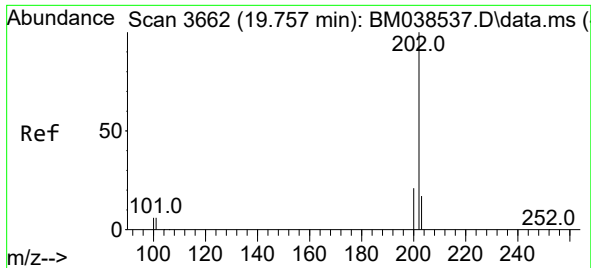
Tgt Ion:178 Resp: 1673
 Ion Ratio Lower Upper
 178 100
 179 34.2 13.2 19.8#
 176 35.0 16.2 24.4#



#19
 Fluoranthene
 Concen: 0.573 ng/ul
 RT: 19.394 min Scan# 3584
 Delta R.T. -0.000 min
 Lab File: BM038549.D
 Acq: 26 Jan 2023 15:03

Tgt Ion:202 Resp: 24328
 Ion Ratio Lower Upper
 202 100
 101 8.1 5.3 7.9#
 100 6.2 4.2 6.2

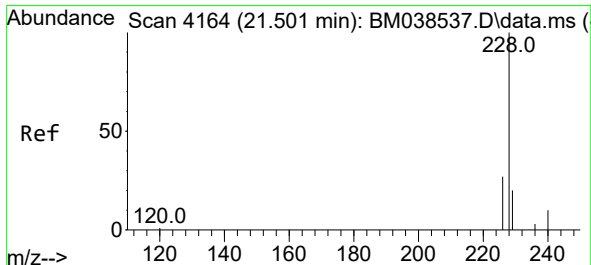
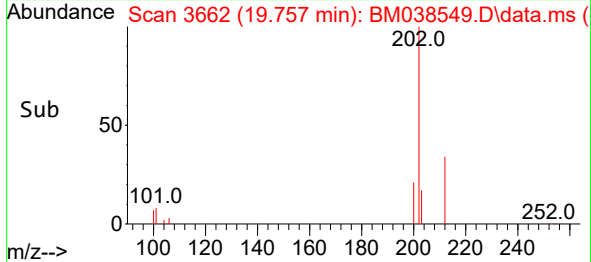
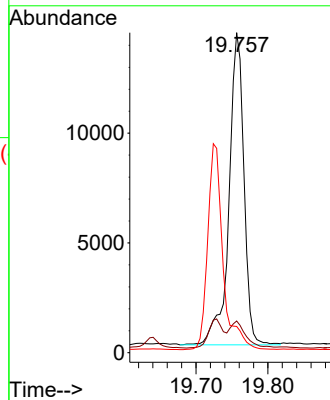
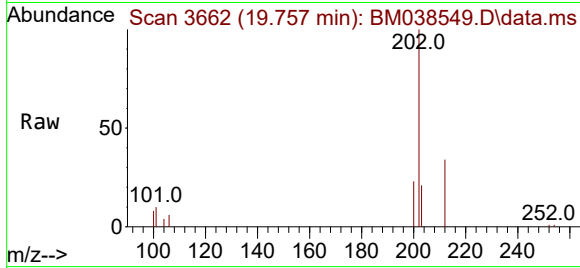




#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.757 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM038549.D
Acq: 26 Jan 2023 15:03

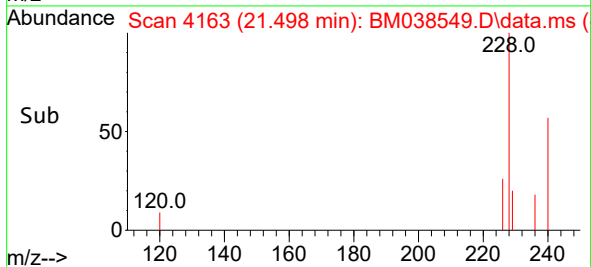
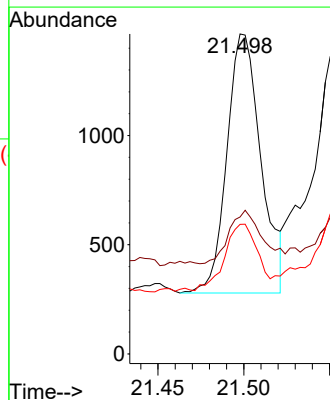
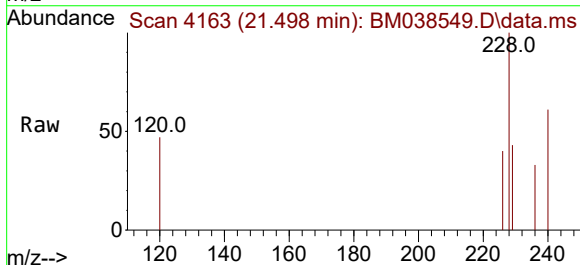
Instrument :
BNA_M
ClientSampleId :
EX9F7

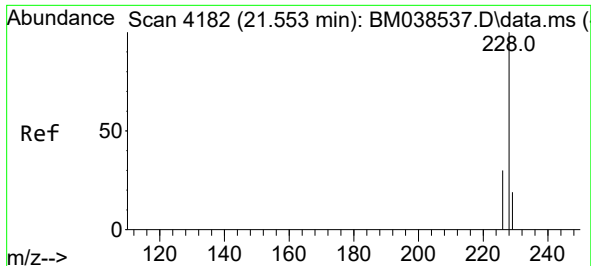
Tgt Ion:202 Resp: 20564
Ion Ratio Lower Upper
202 100
101 9.9 5.9 8.9#
100 8.2 5.2 7.8#



#21
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038549.D
Acq: 26 Jan 2023 15:03

Tgt Ion:228 Resp: 1641
Ion Ratio Lower Upper
228 100
229 42.8 16.7 25.1#
226 40.5 22.2 33.4#





#22

Chrysene

Concen: 0.044 ng/ul

RT: 21.553 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM038549.D

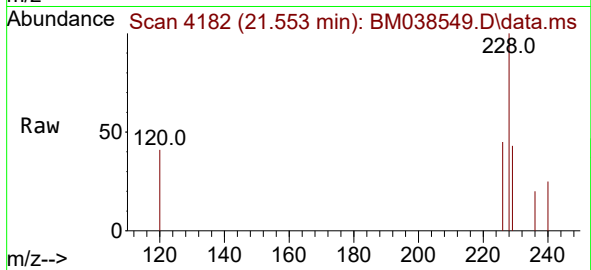
Acq: 26 Jan 2023 15:03

Instrument :

BNA_M

ClientSampleId :

EX9F7



Tgt Ion:228 Resp: 1880

Ion Ratio Lower Upper

228 100

226 45.1 24.6 36.8#

229 43.2 16.2 24.4#

