

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
 Data File : BM040965.D
 Acq On : 19 Jul 2023 20:52
 Operator : MA/JU
 Sample : SST0.897
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8032

Quant Time: Jul 20 05:00:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 04:54:10 2023
 Response via : Initial Calibration

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

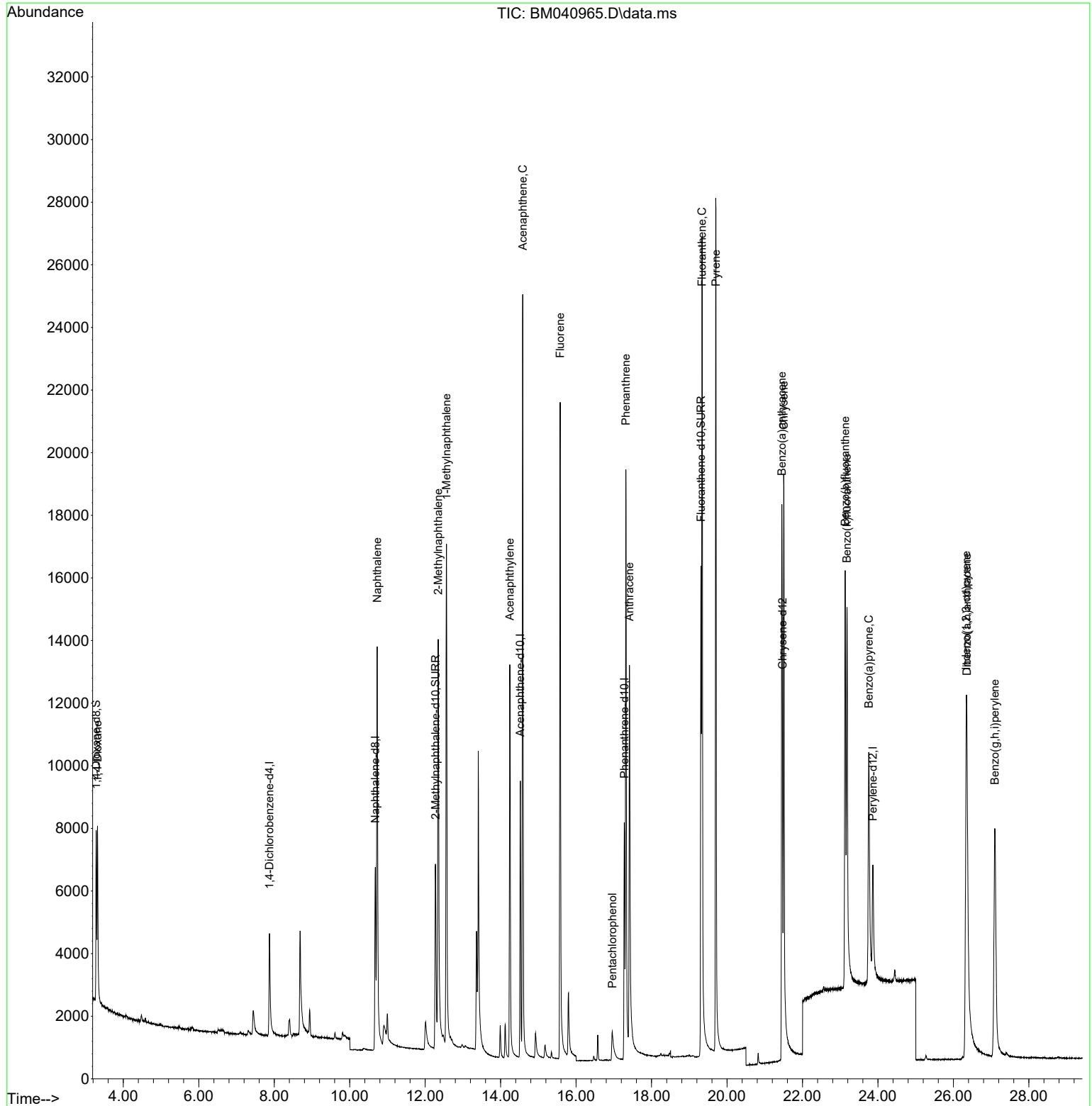
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	2560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9763	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	5110	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	9811	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	6694	0.400	ng/ul	0.00
23) Perylene-d12	23.866	264	5918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3574	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	10748	0.785	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	19038	0.887	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	3676	0.898	ng/ul	85
5) Naphthalene	10.730	128	21455	0.797	ng/ul	98
7) 2-Methylnaphthalene	12.346	142	12151	0.768	ng/ul	98
8) 1-Methylnaphthalene	12.566	142	12875	0.815	ng/ul	99
10) Acenaphthylene	14.245	152	16975	0.744	ng/ul	98
11) Acenaphthene	14.587	153	14847	0.770	ng/ul	99
12) Fluorene	15.577	166	15780	0.767	ng/ul	99
14) Pentachlorophenol	16.961	266	1469	0.778	ng/ul	99
15) Phenanthrene	17.320	178	22962	0.753	ng/ul	99
16) Anthracene	17.413	178	18312	0.715	ng/ul	98
19) Fluoranthene	19.338	202	24322	0.855	ng/ul	100
20) Pyrene	19.706	202	25538	0.838	ng/ul	98
21) Benzo(a)anthracene	21.451	228	16400	0.724	ng/ul	99
22) Chrysene	21.504	228	18663	0.723	ng/ul	100
24) Benzo(b)fluoranthene	23.132	252	18745	0.818	ng/ul	90
25) Benzo(k)fluoranthene	23.178	252	17561	0.778	ng/ul#	91
26) Benzo(a)pyrene	23.757	252	15652	0.759	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.341	276	20828	0.725	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.357	278	15934	0.708	ng/ul	90
29) Benzo(g,h,i)perylene	27.099	276	18968	0.753	ng/ul	97

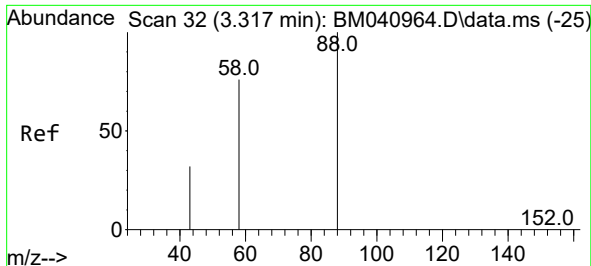
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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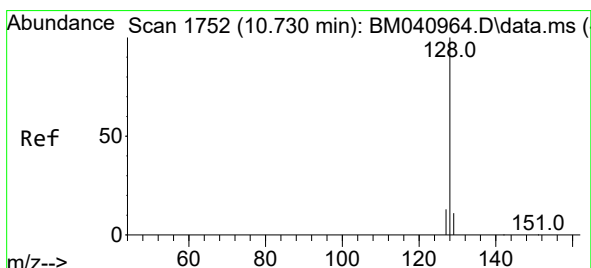
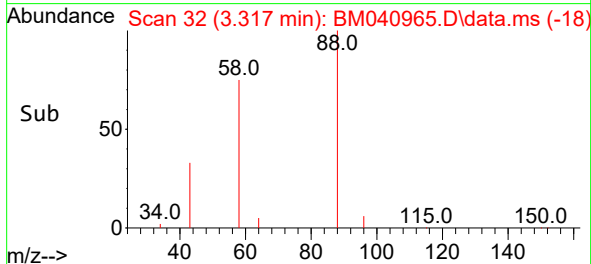
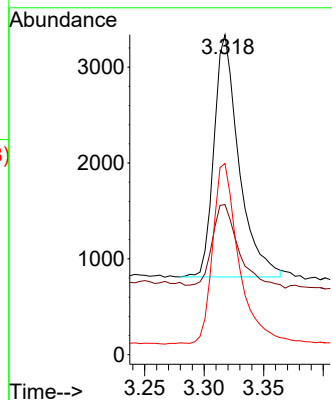
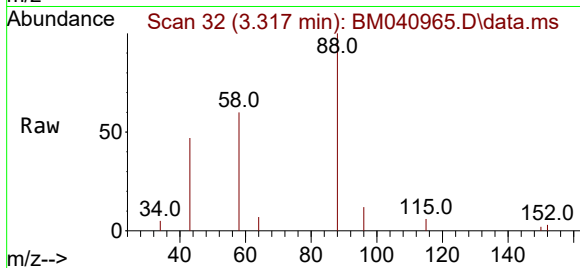




#2
1,4-Dioxane
Concen: 0.898 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

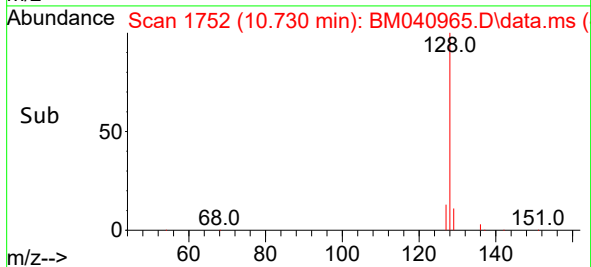
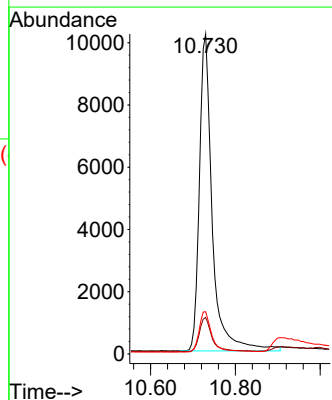
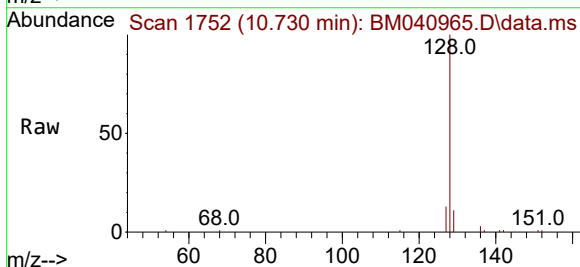
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

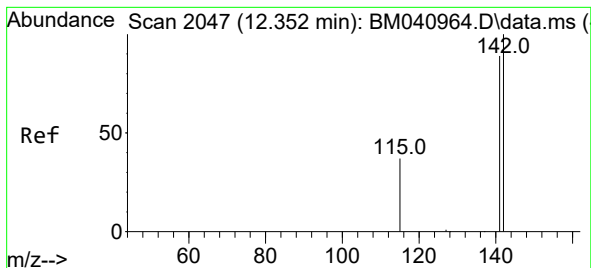
Tgt Ion: 88 Resp: 3676
Ion Ratio Lower Upper
88 100
43 46.9 46.7 70.1
58 59.8 40.3 60.5



#5
Naphthalene
Concen: 0.797 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion: 128 Resp: 21455
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.2 11.0 16.4

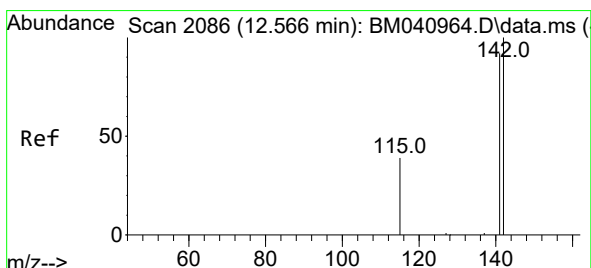
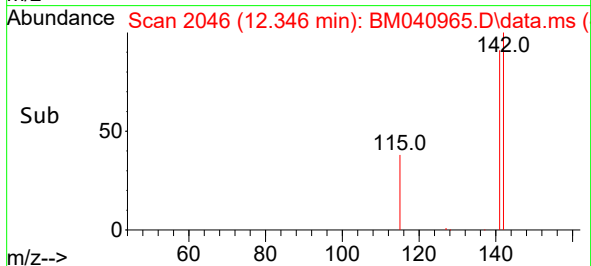
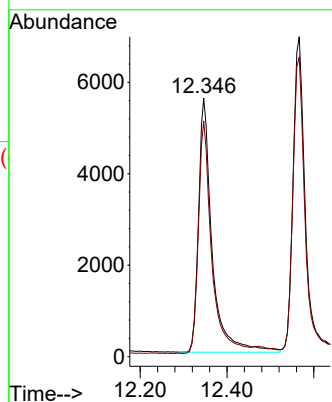
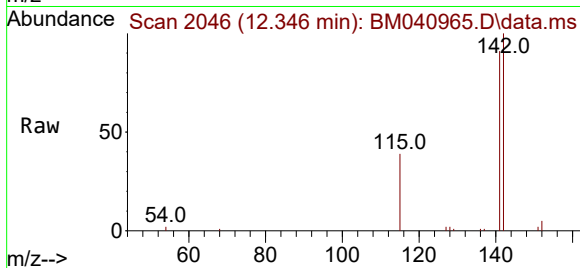




#7
2-Methylnaphthalene
Concen: 0.768 ng/ul
RT: 12.346 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

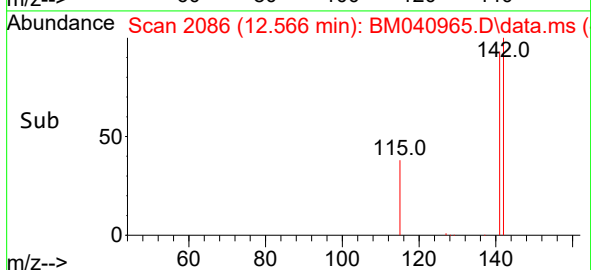
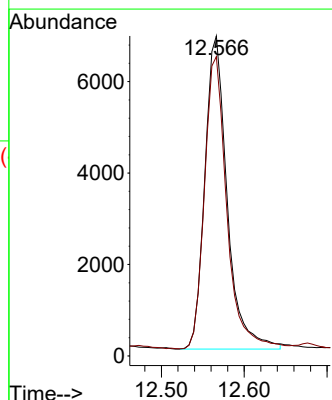
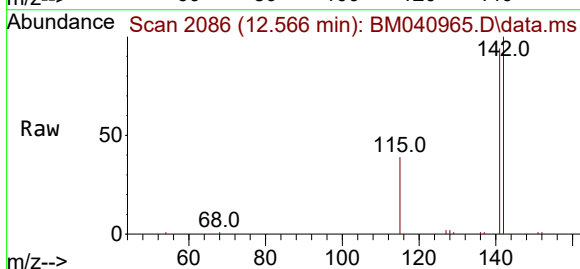
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

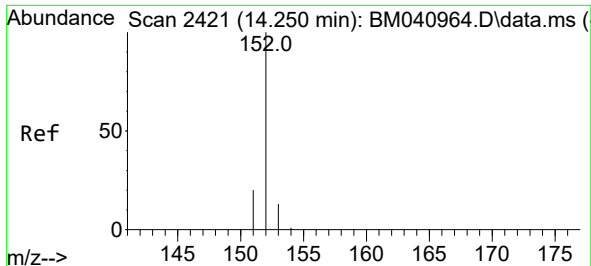
Tgt Ion:142 Resp: 12151
Ion Ratio Lower Upper
142 100
141 93.3 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.815 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:142 Resp: 12875
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.2

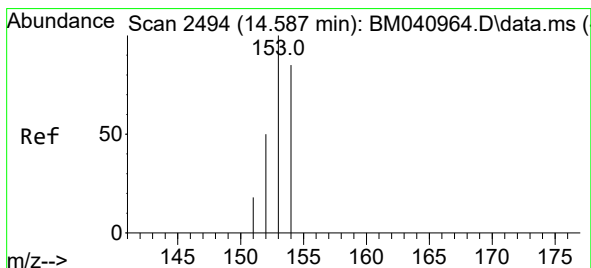
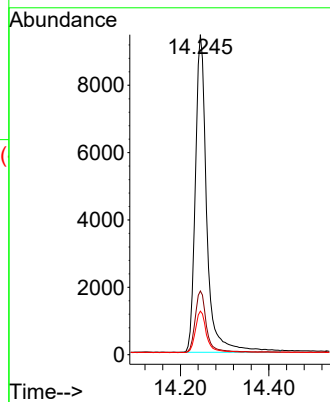
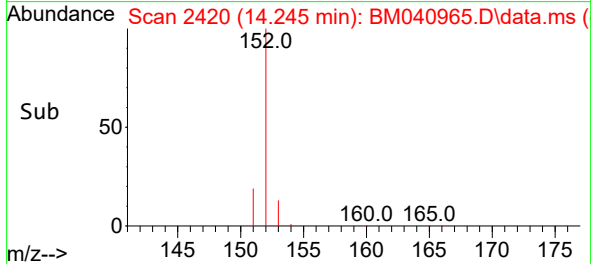
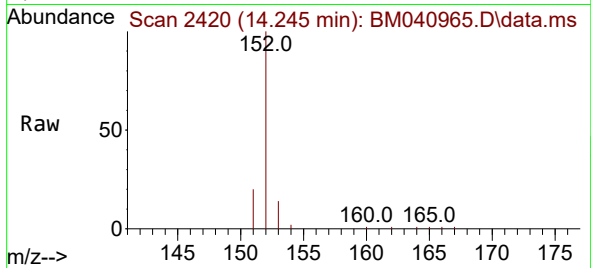




#10
Acenaphthylene
Concen: 0.744 ng/ul
RT: 14.245 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

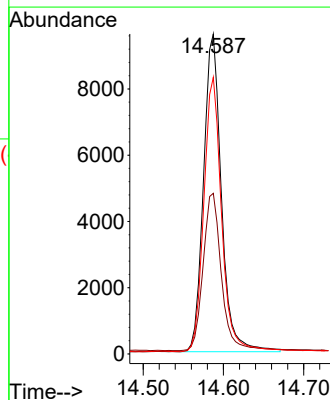
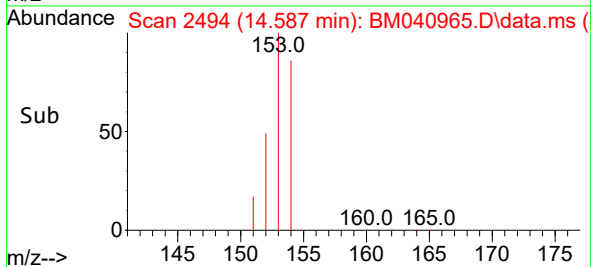
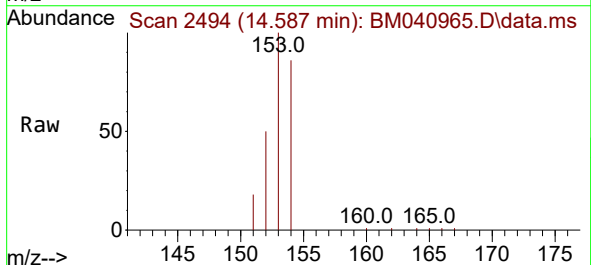
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ClientSampleId :
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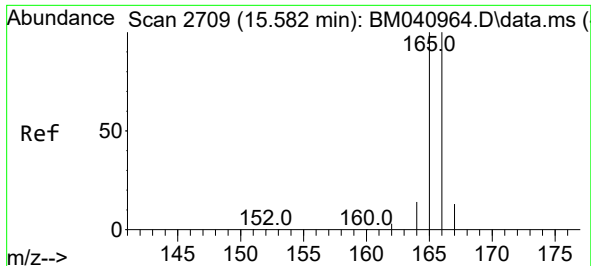
Tgt Ion:152 Resp: 16975
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.6 11.6 17.4



#11
Acenaphthene
Concen: 0.770 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:153 Resp: 14847
Ion Ratio Lower Upper
153 100
152 50.2 41.0 61.6
154 86.4 68.2 102.2

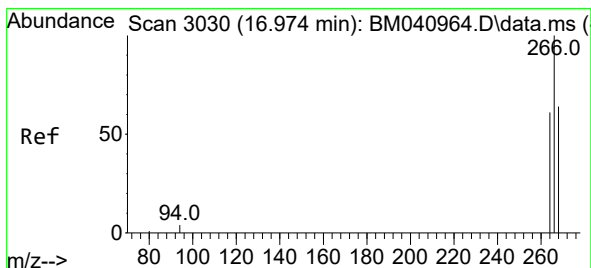
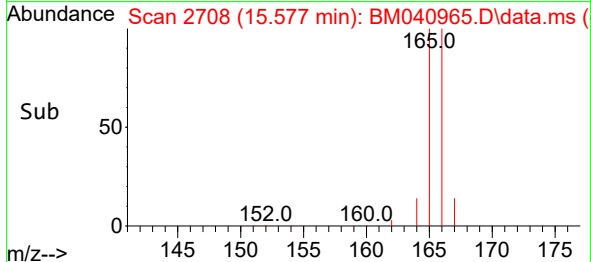
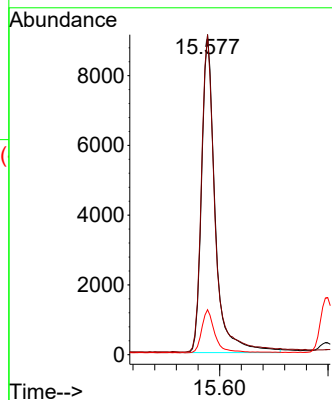
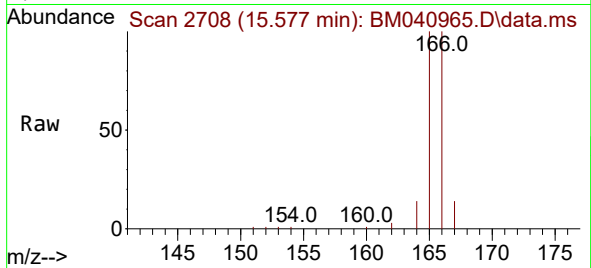




#12
Fluorene
Concen: 0.767 ng/ul
RT: 15.577 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

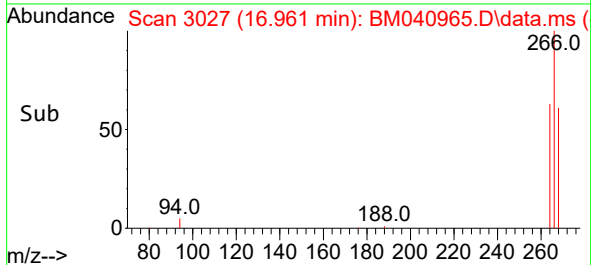
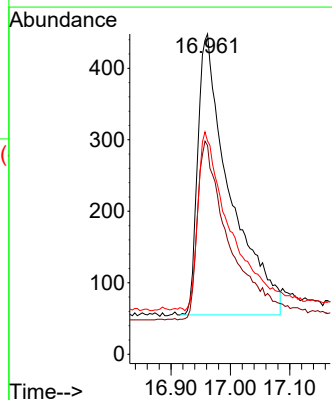
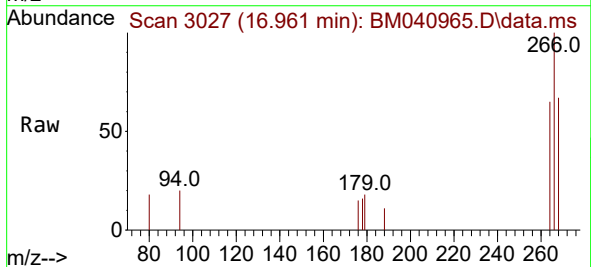
Instrument :
BNA_M
ClientSampleId :
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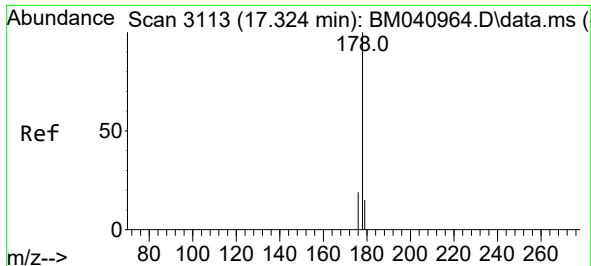
Tgt Ion:166 Resp: 15780
Ion Ratio Lower Upper
166 100
165 100.0 80.3 120.5
167 14.1 11.7 17.5



#14
Pentachlorophenol
Concen: 0.778 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. -0.013 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:266 Resp: 1469
Ion Ratio Lower Upper
266 100
264 63.2 50.7 76.1
268 64.4 52.8 79.2

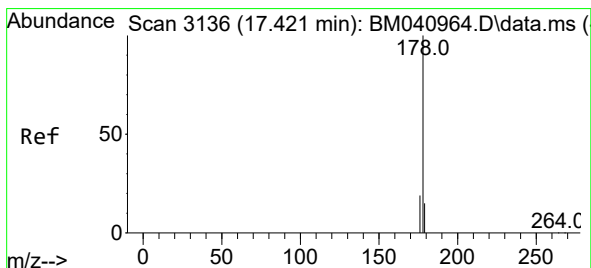
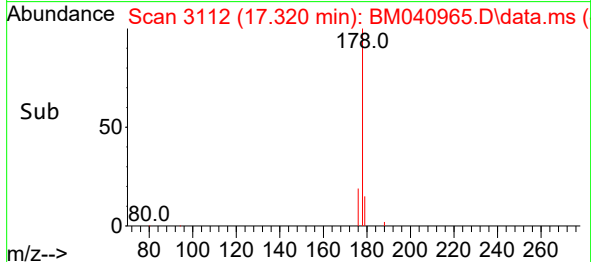
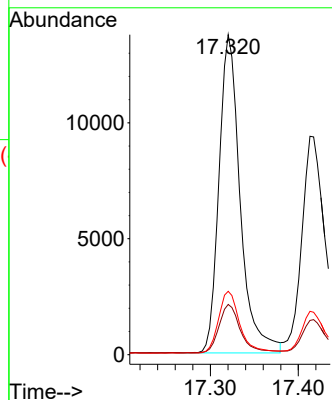
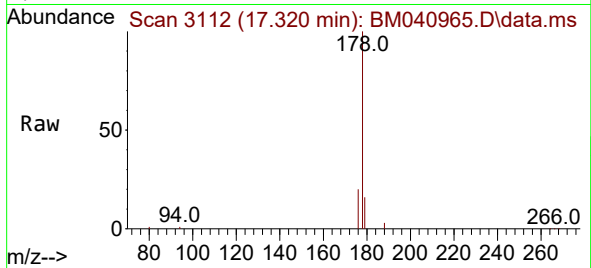




#15
Phenanthrene
Concen: 0.753 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

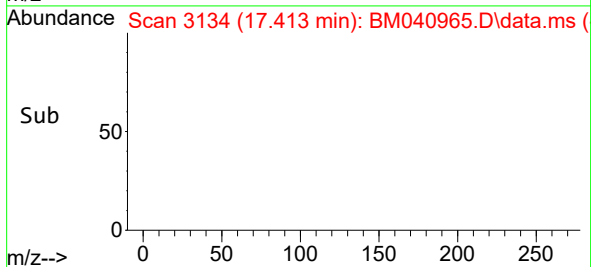
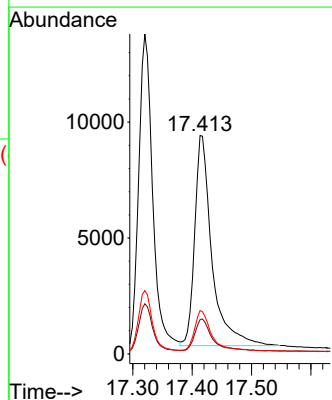
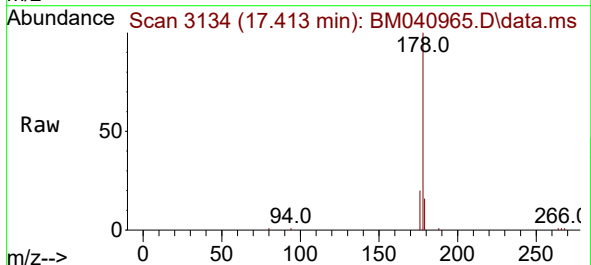
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

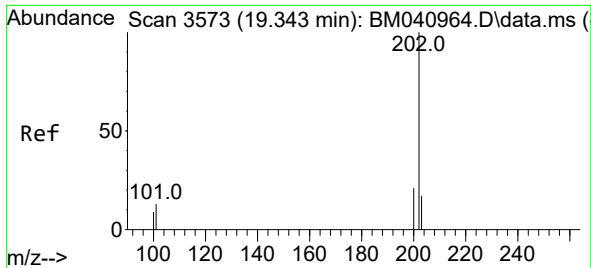
Tgt Ion:178 Resp: 22962
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.8 16.2 24.4



#16
Anthracene
Concen: 0.715 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:178 Resp: 18312
Ion Ratio Lower Upper
178 100
179 15.7 13.7 20.5
176 19.9 16.4 24.6

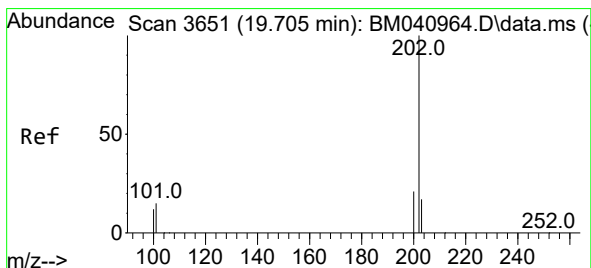
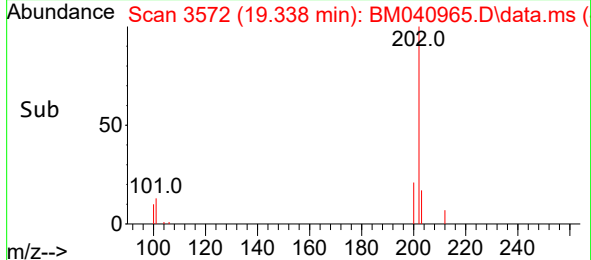
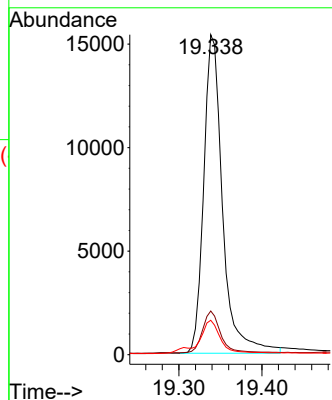
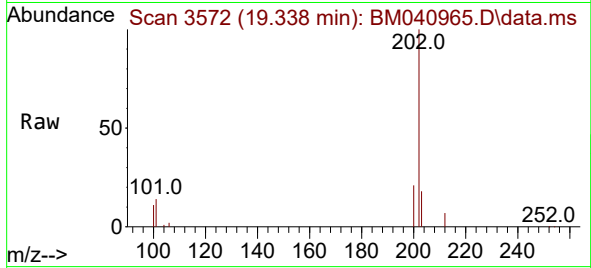




#19
Fluoranthene
Concen: 0.855 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

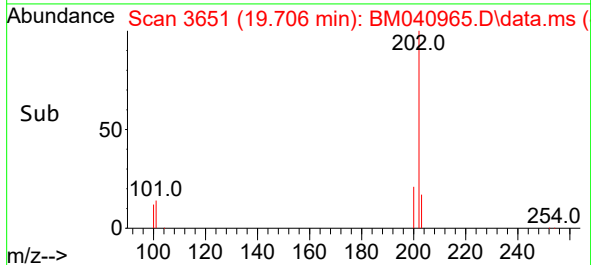
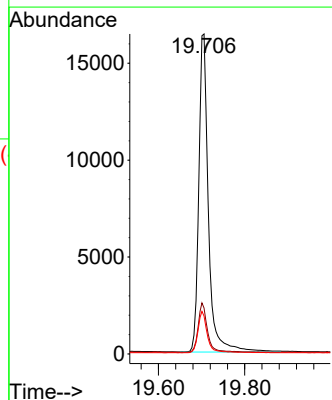
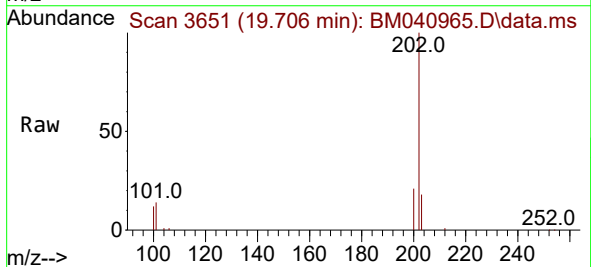
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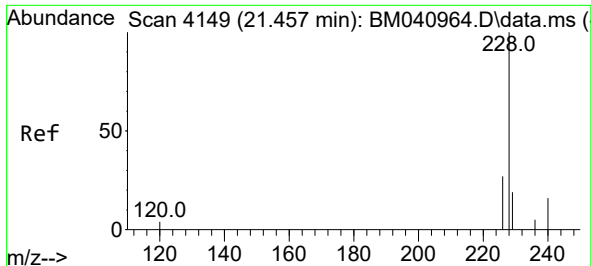
Tgt Ion:202 Resp: 24322
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 10.8 8.3 12.5



#20
Pyrene
Concen: 0.838 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:202 Resp: 25538
Ion Ratio Lower Upper
202 100
101 14.3 12.5 18.7
100 11.8 10.0 15.0

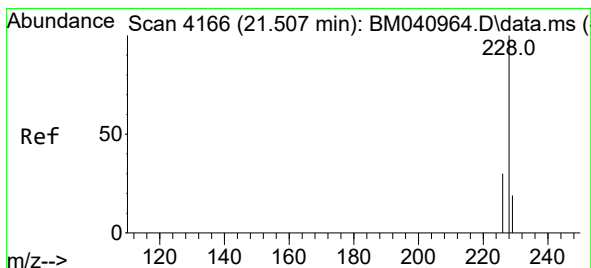
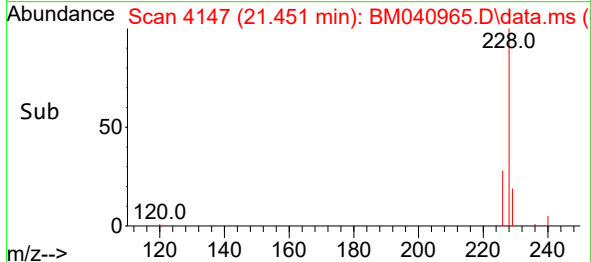
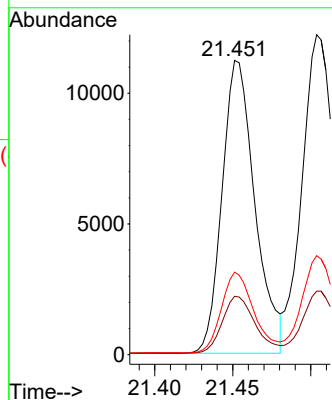
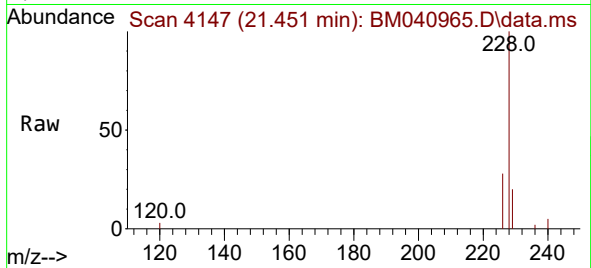




#21
Benzo(a)anthracene
Concen: 0.724 ng/ul
RT: 21.451 min Scan# 4149
Delta R.T. -0.006 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

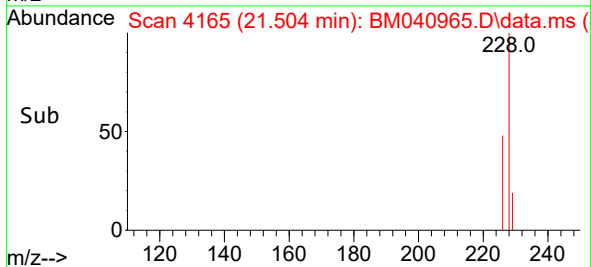
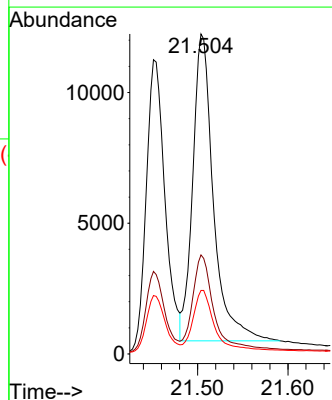
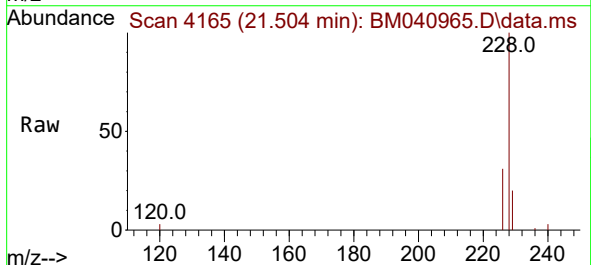
Instrument :
BNA_M
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SSTD0.8032

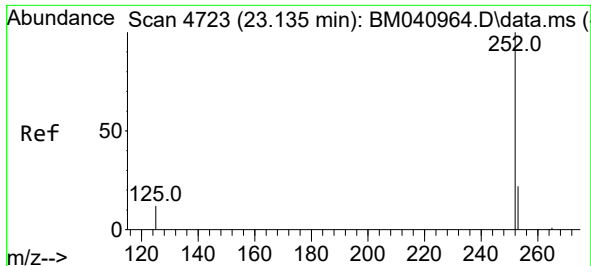
Tgt Ion:228 Resp: 16400
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.4
226 28.1 22.3 33.5



#22
Chrysene
Concen: 0.723 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

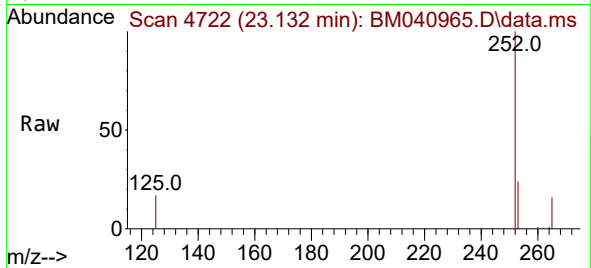
Tgt Ion:228 Resp: 18663
Ion Ratio Lower Upper
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226 31.0 24.6 37.0
229 19.8 16.1 24.1



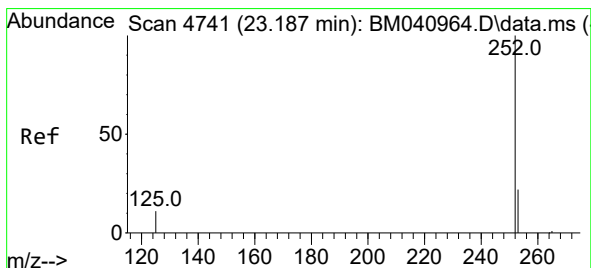
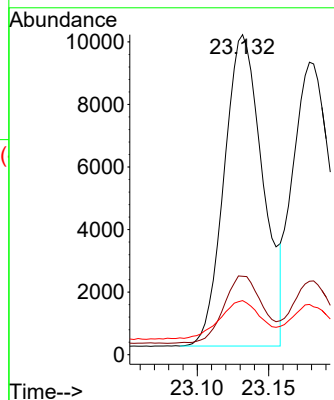


#24
Benzo(b)fluoranthene
Concen: 0.818 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

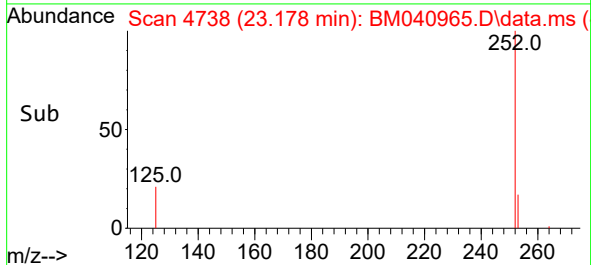
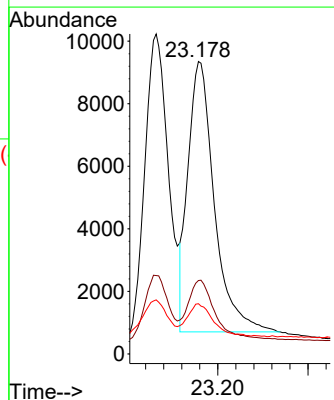
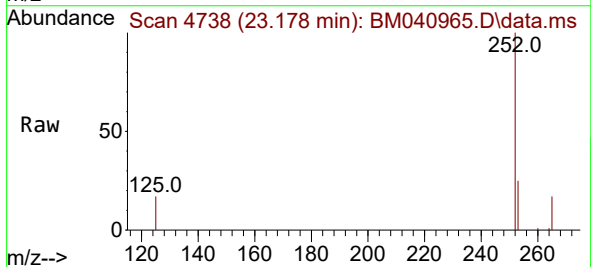


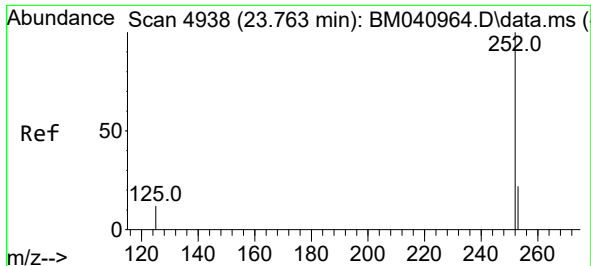
Tgt Ion:252 Resp: 18745
Ion Ratio Lower Upper
252 100
253 24.5 0.0 57.4
125 16.9 0.0 45.2



#25
Benzo(k)fluoranthene
Concen: 0.778 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

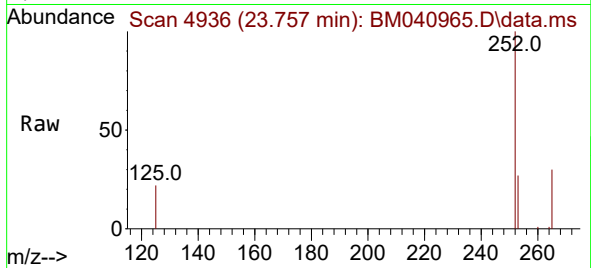
Tgt Ion:252 Resp: 17561
Ion Ratio Lower Upper
252 100
253 25.1 23.3 34.9
125 17.2 18.2 27.2#



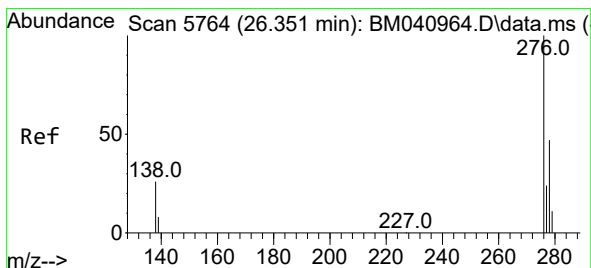
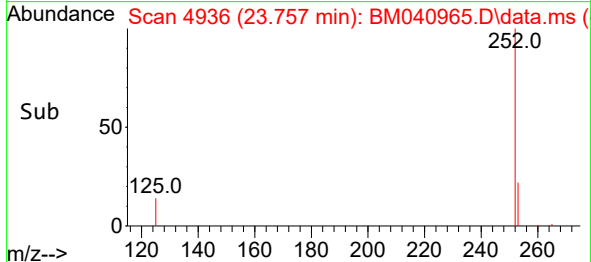
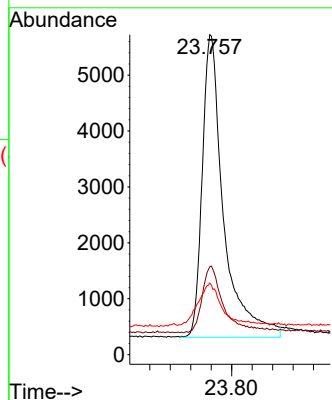


#26
Benzo(a)pyrene
Concen: 0.759 ng/ul
RT: 23.757 min Scan# 4936
Delta R.T. -0.006 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

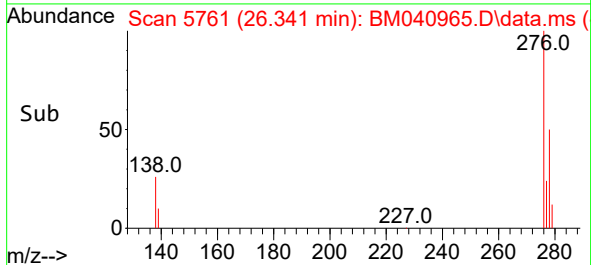
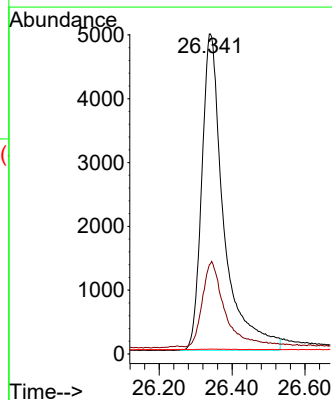
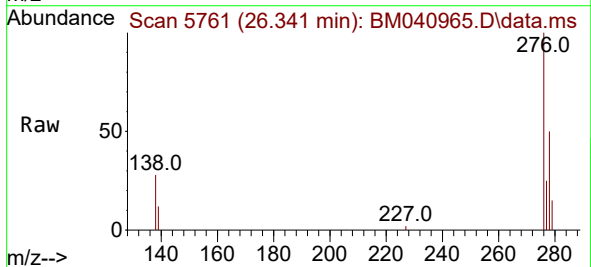


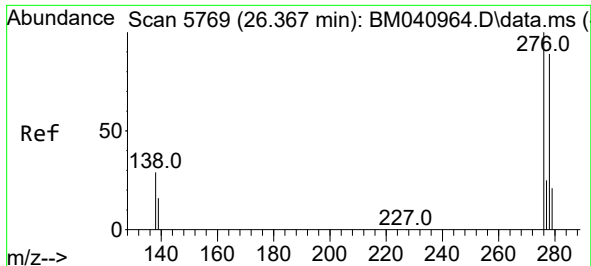
Tgt Ion:252 Resp: 15652
Ion Ratio Lower Upper
252 100
253 27.5 28.2 42.2#
125 22.4 25.2 37.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.725 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:276 Resp: 20828
Ion Ratio Lower Upper
276 100
138 27.6 22.3 33.5
227 0.1 0.0 0.0#

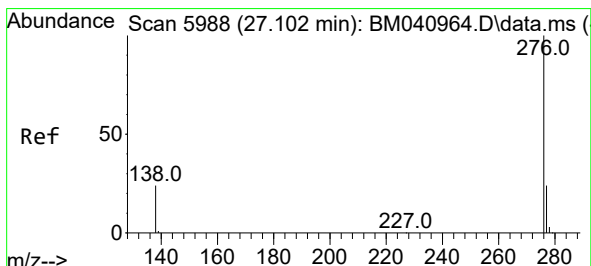
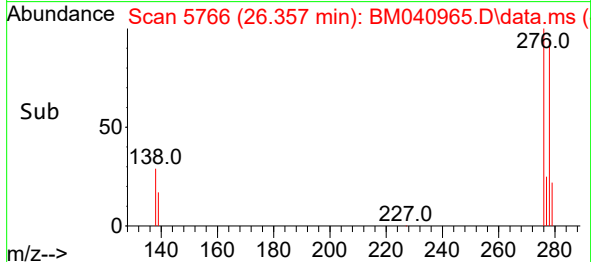
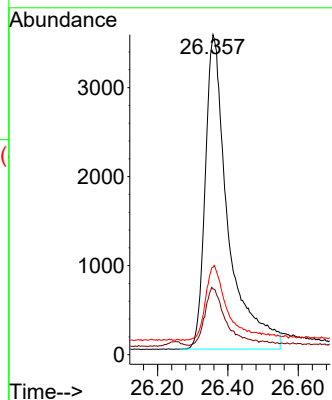
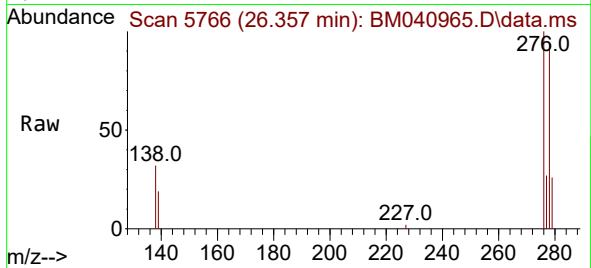




#28
Dibenzo(a,h)anthracene
Concen: 0.708 ng/ul
RT: 26.357 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:278 Resp: 15934
Ion Ratio Lower Upper
278 100
139 20.5 19.2 28.8
279 27.4 27.0 40.6



#29
Benzo(g,h,i)perylene
Concen: 0.753 ng/ul
RT: 27.099 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:276 Resp: 18968
Ion Ratio Lower Upper
276 100
138 26.3 22.6 34.0
277 25.0 21.2 31.8

