

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038854.D
 Acq On : 03 Mar 2023 11:08
 Operator : CG/JU
 Sample : SST0.837
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8004

Quant Time: Mar 03 21:52:41 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 : Fri Mar 03 21:49:51 2023
 Response via : Initial Calibration

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

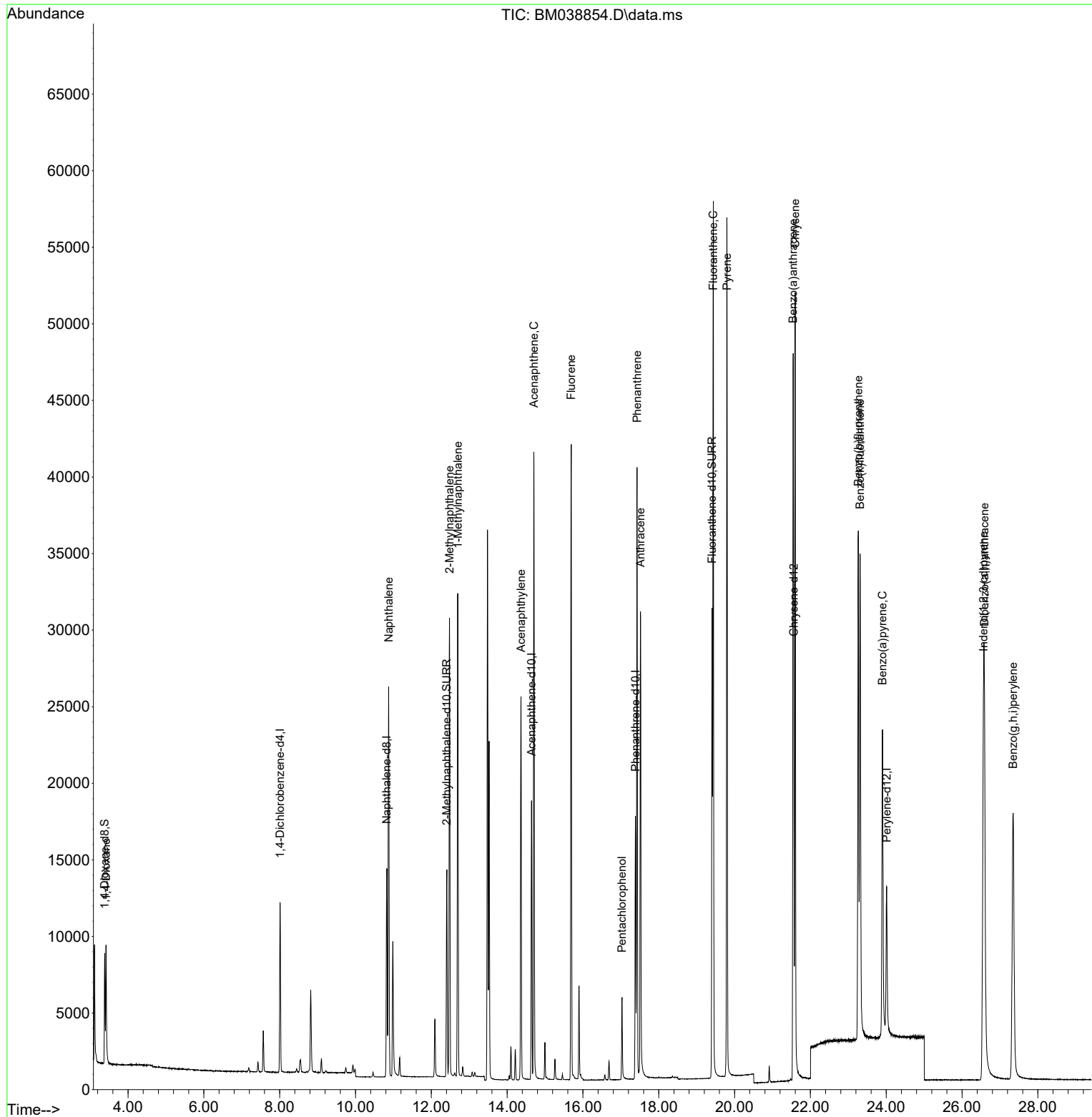
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	5593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	17856	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	9572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	19847	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	17767	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	14139	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	4914	0.832	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	17249	0.557	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	32885	0.633	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	5175	0.919	ng/ul	95
5) Naphthalene	10.875	128	34064	0.779	ng/ul	100
7) 2-Methylnaphthalene	12.481	142	20751	0.663	ng/ul	100
8) 1-Methylnaphthalene	12.701	142	21811	0.682	ng/ul	99
10) Acenaphthylene	14.367	152	27957	0.685	ng/ul	100
11) Acenaphthene	14.704	153	23033	0.743	ng/ul	98
12) Fluorene	15.690	166	26269	0.710	ng/ul	100
14) Pentachlorophenol	17.030	266	3671	0.667	ng/ul	99
15) Phenanthrene	17.427	178	42084	0.710	ng/ul	99
16) Anthracene	17.516	178	35019	0.643	ng/ul	99
19) Fluoranthene	19.438	202	47604	0.677	ng/ul	99
20) Pyrene	19.800	202	47971	0.638	ng/ul	96
21) Benzo(a)anthracene	21.543	228	39697	0.667	ng/ul	100
22) Chrysene	21.599	228	47682	0.767	ng/ul	100
24) Benzo(b)fluoranthene	23.262	252	44822	0.879	ng/ul	97
25) Benzo(k)fluoranthene	23.309	252	45932	0.907	ng/ul	96
26) Benzo(a)pyrene	23.899	252	35556	0.779	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.564	276	45988	0.646	ng/ul	99
28) Dibenzo(a,h)anthracene	26.588	278	35437	0.634	ng/ul	97
29) Benzo(g,h,i)perylene	27.349	276	42576	0.670	ng/ul	99

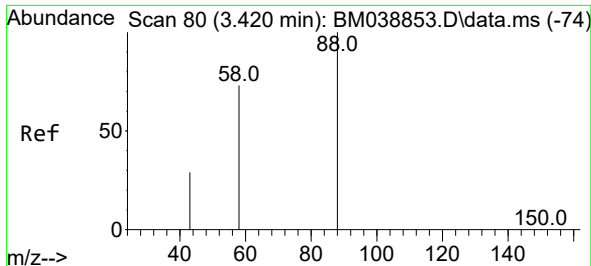
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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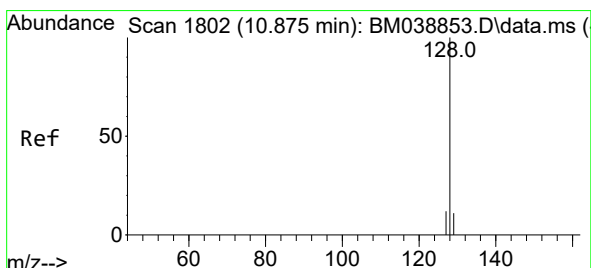
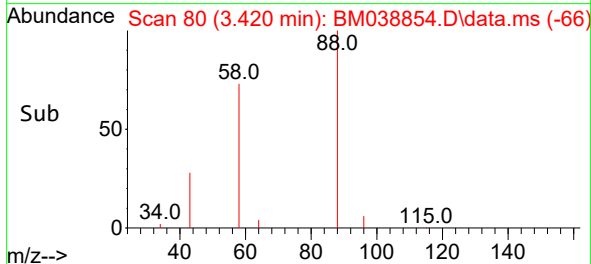
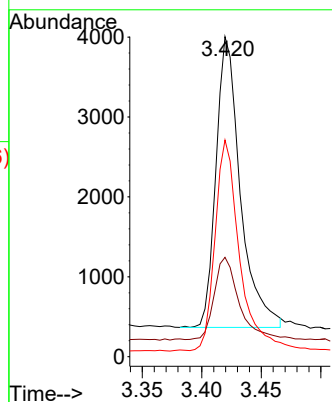
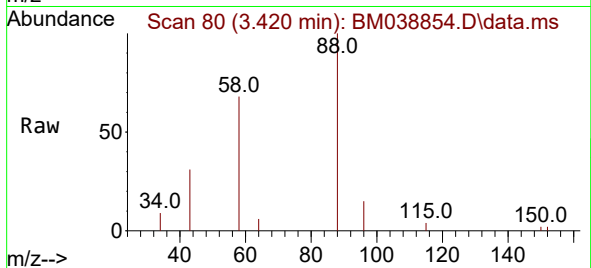




#2
1,4-Dioxane
Concen: 0.919 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

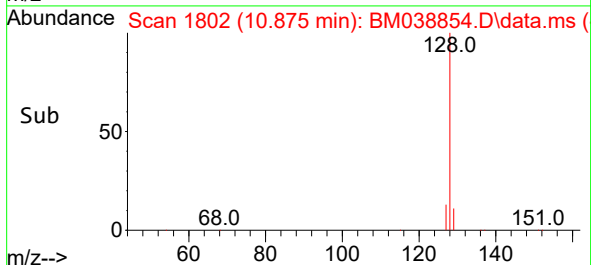
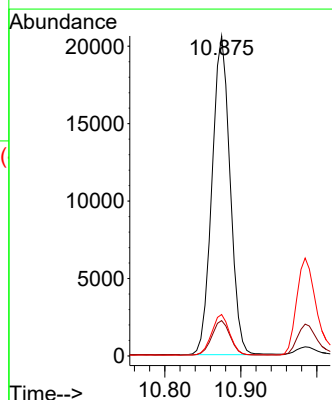
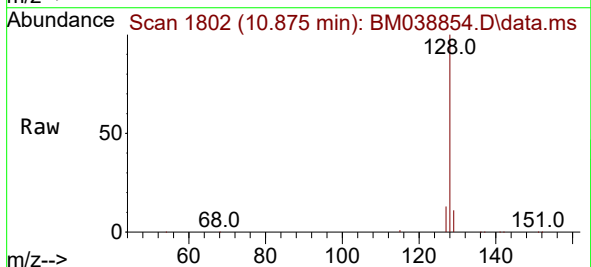
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

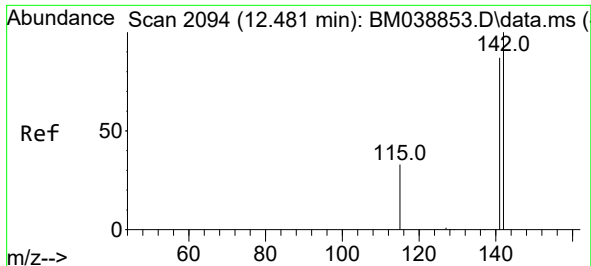
Tgt Ion: 88 Resp: 5175
Ion Ratio Lower Upper
88 100
43 31.1 27.2 40.8
58 67.7 50.8 76.2



#5
Naphthalene
Concen: 0.779 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion: 128 Resp: 34064
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.9 10.3 15.5

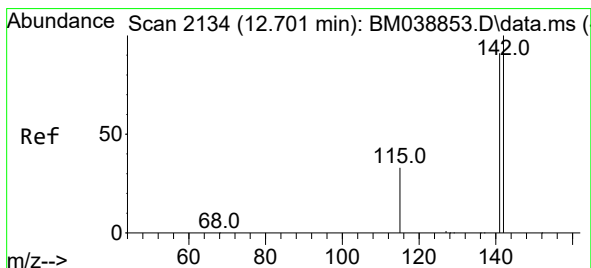
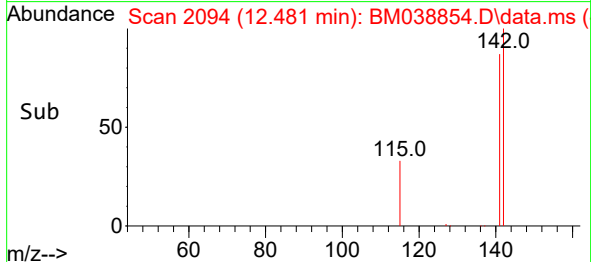
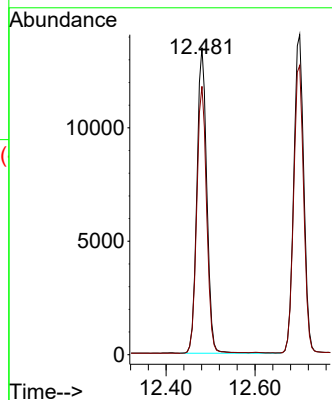
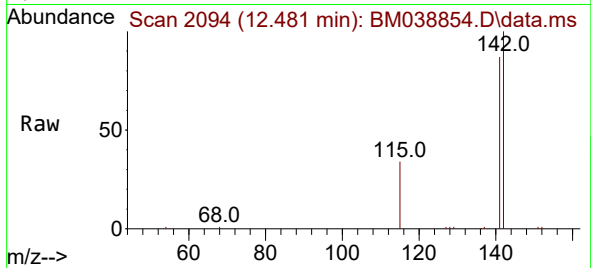




#7
2-Methylnaphthalene
Concen: 0.663 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

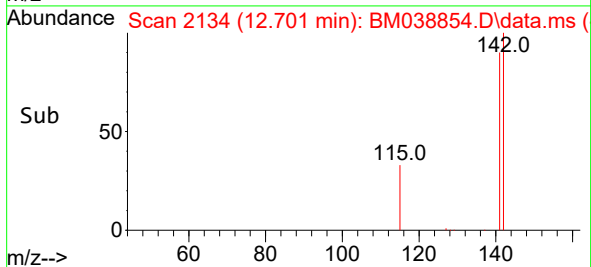
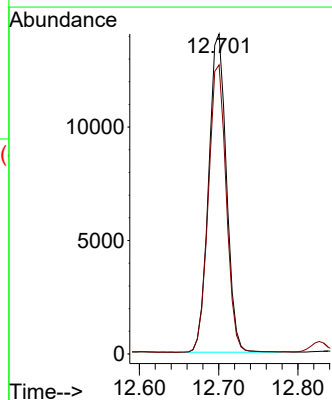
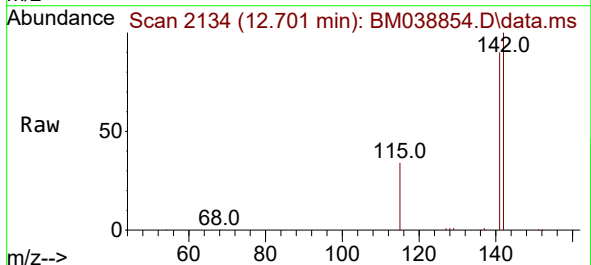
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

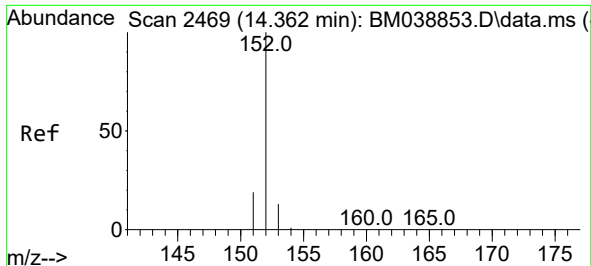
Tgt Ion:142 Resp: 20751
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.682 ng/ul
RT: 12.701 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:142 Resp: 21811
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3

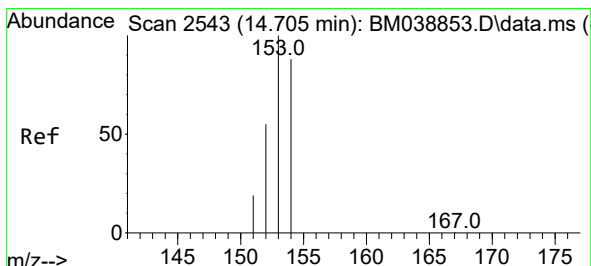
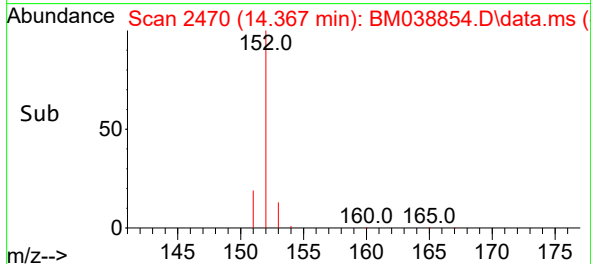
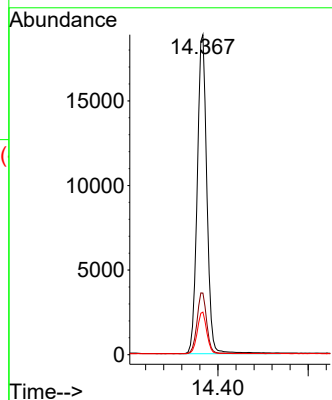
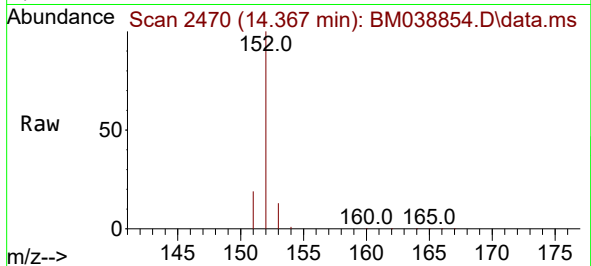




#10
Acenaphthylene
Concen: 0.685 ng/ul
RT: 14.367 min Scan# 2469
Delta R.T. 0.004 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

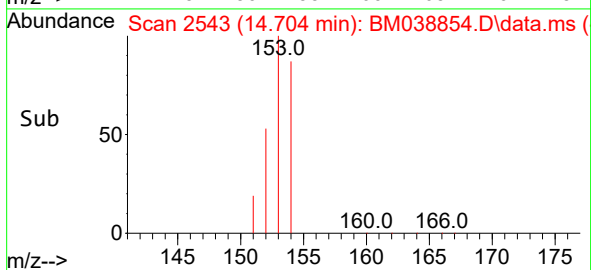
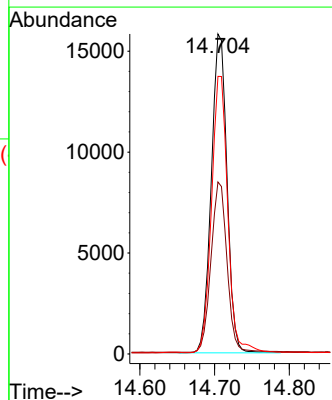
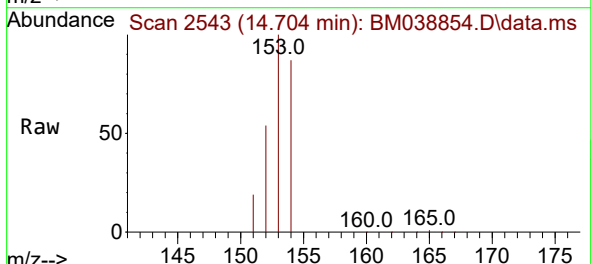
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

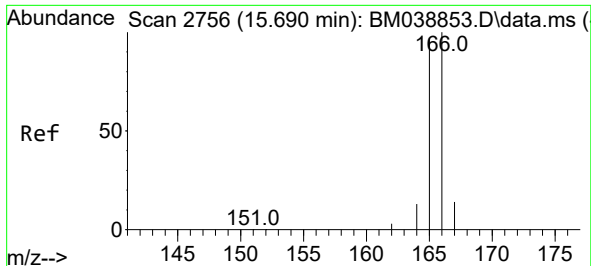
Tgt Ion:	152	Resp:	27957
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.6	23.4
153	13.3	10.6	15.8



#11
Acenaphthene
Concen: 0.743 ng/ul
RT: 14.704 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:	153	Resp:	23033
Ion Ratio	Lower	Upper	
153	100		
152	53.8	44.2	66.2
154	86.7	70.6	105.8

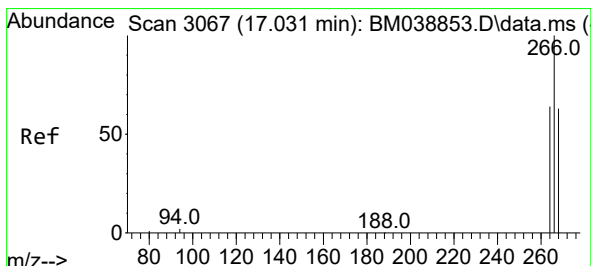
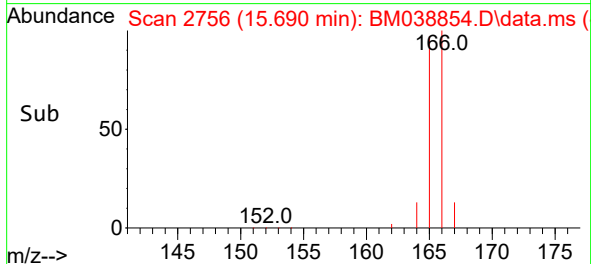
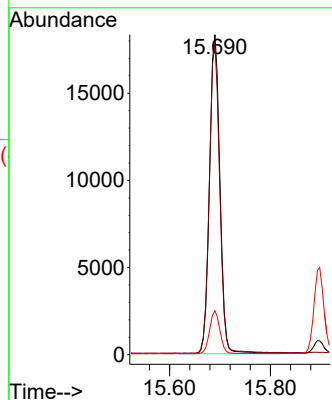
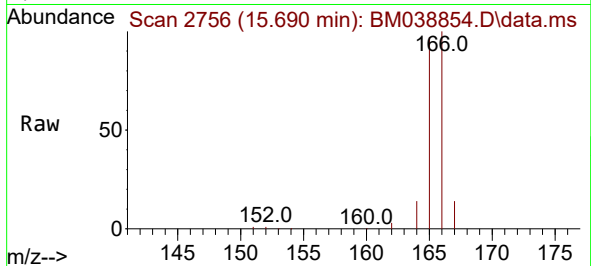




#12
Fluorene
Concen: 0.710 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

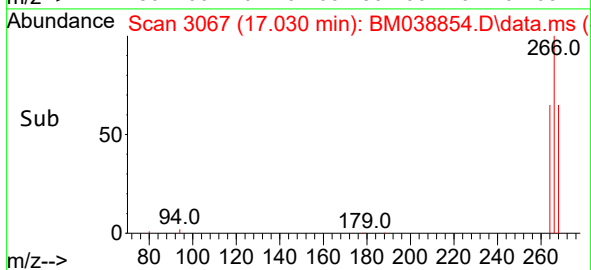
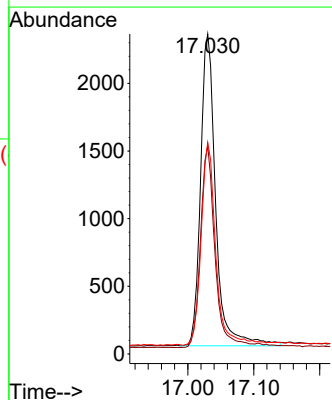
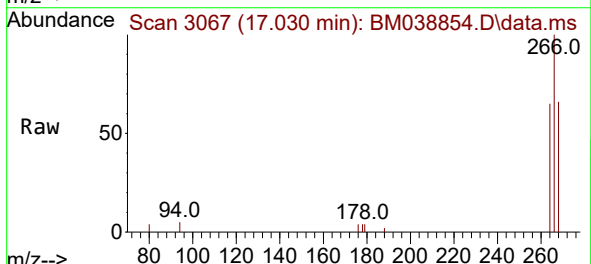
Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

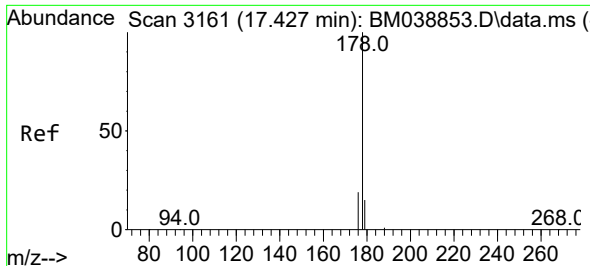
Tgt Ion:166 Resp: 26269
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.7 11.4 17.2



#14
Pentachlorophenol
Concen: 0.667 ng/ul
RT: 17.030 min Scan# 3067
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:266 Resp: 3671
Ion Ratio Lower Upper
266 100
264 63.1 50.2 75.2
268 64.1 50.2 75.4

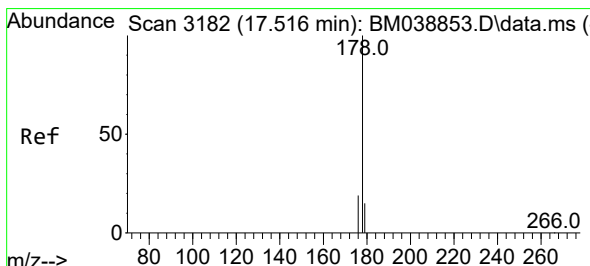
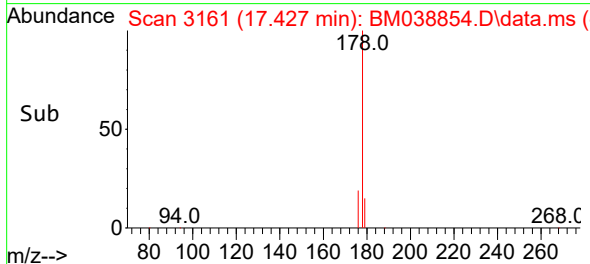
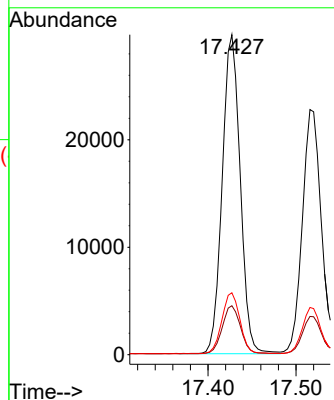
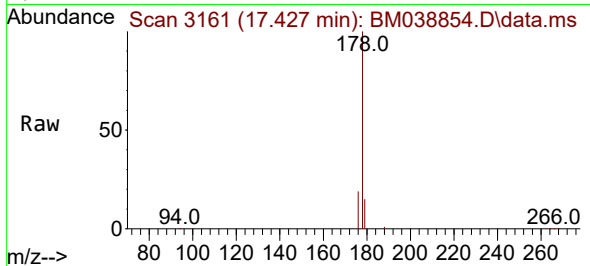




#15
Phenanthrene
Concen: 0.710 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

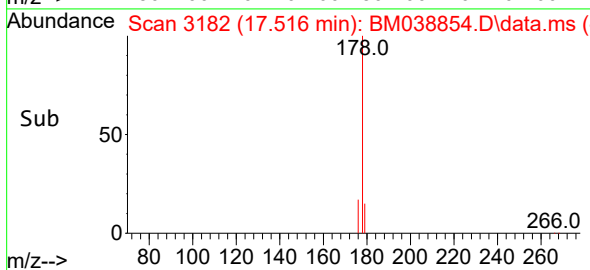
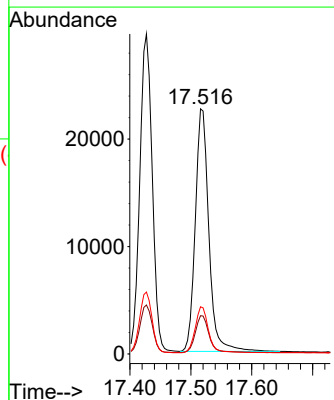
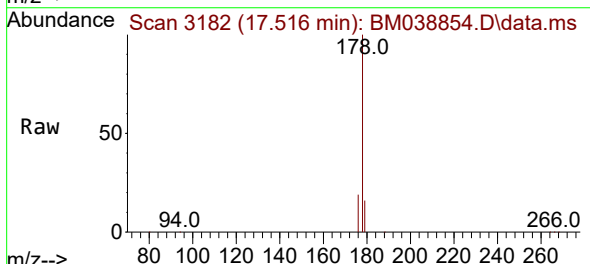
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SSTD0.8004

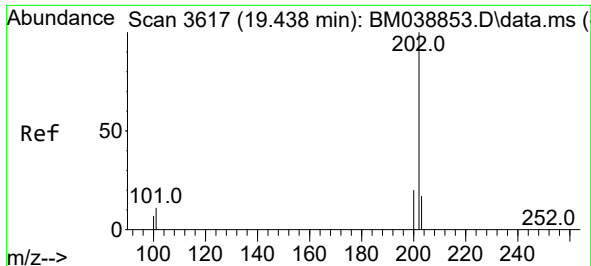
Tgt Ion:178 Resp: 42084
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.4 15.9 23.9



#16
Anthracene
Concen: 0.643 ng/ul
RT: 17.516 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:178 Resp: 35019
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.3 15.4 23.2

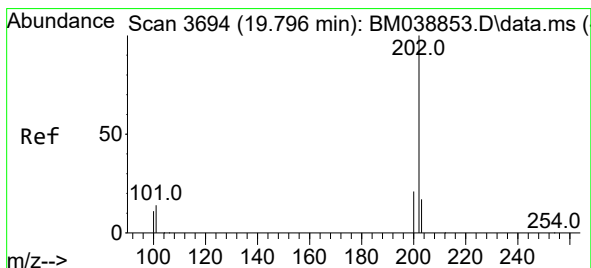
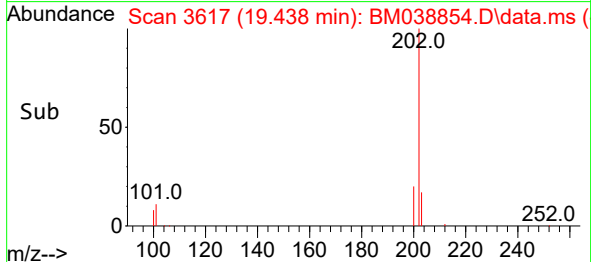
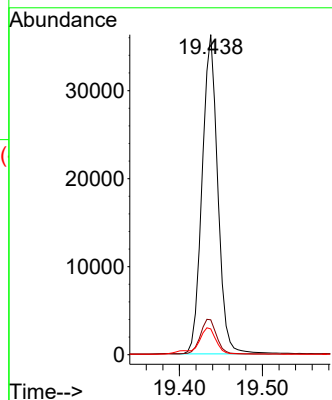
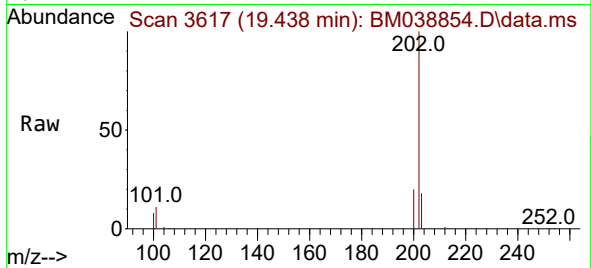




#19
Fluoranthene
Concen: 0.677 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

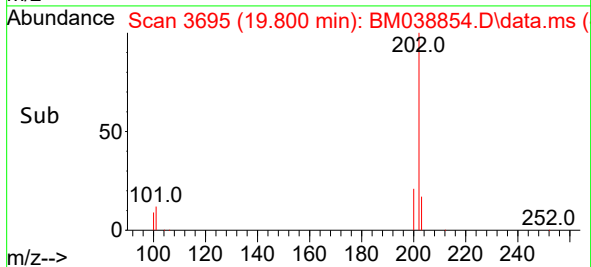
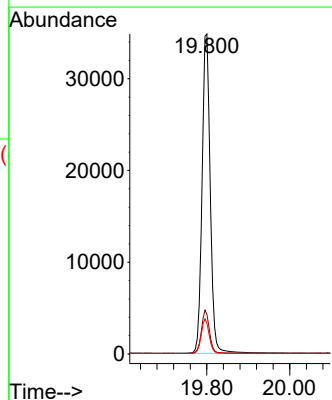
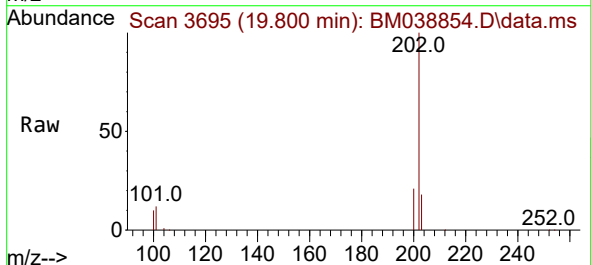
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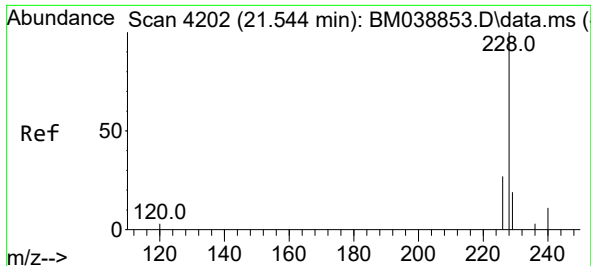
Tgt Ion:202 Resp: 47604
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.0 6.8 10.2



#20
Pyrene
Concen: 0.638 ng/ul
RT: 19.800 min Scan# 3695
Delta R.T. 0.004 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:202 Resp: 47971
Ion Ratio Lower Upper
202 100
101 12.3 11.2 16.8
100 9.6 9.0 13.6

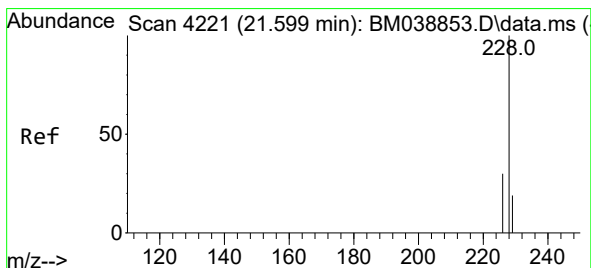
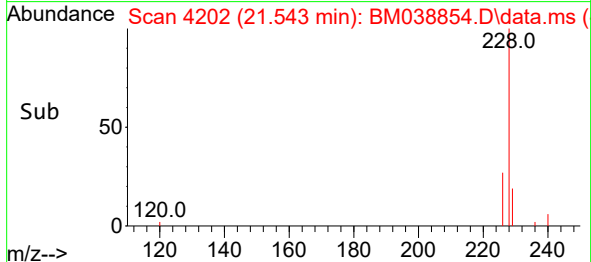
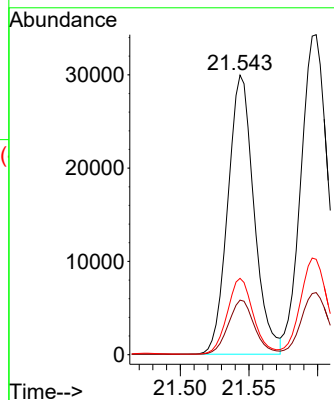
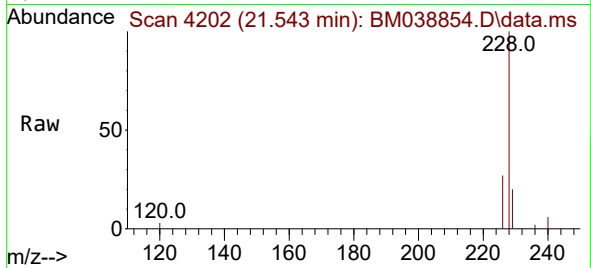




#21
Benzo(a)anthracene
Concen: 0.667 ng/ul
RT: 21.543 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

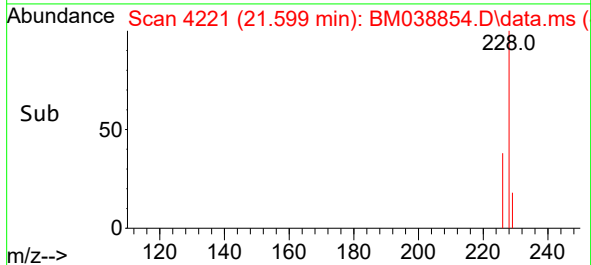
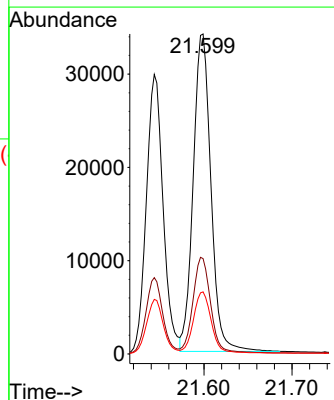
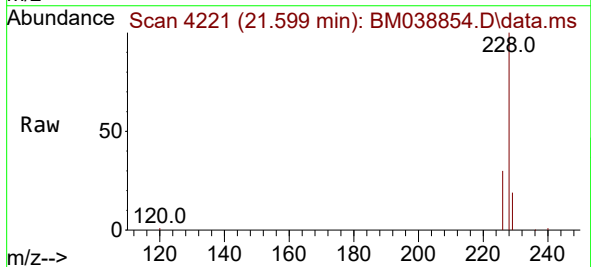
Instrument :
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SSTD0.8004

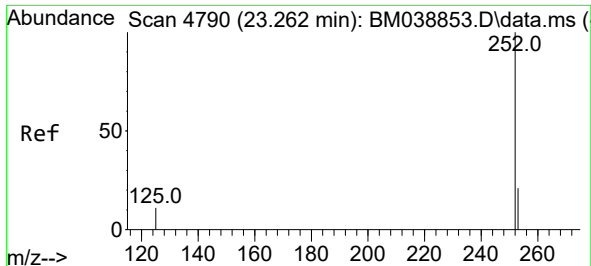
Tgt Ion:228 Resp: 39697
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.3 22.0 33.0



#22
Chrysene
Concen: 0.767 ng/ul
RT: 21.599 min Scan# 4221
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

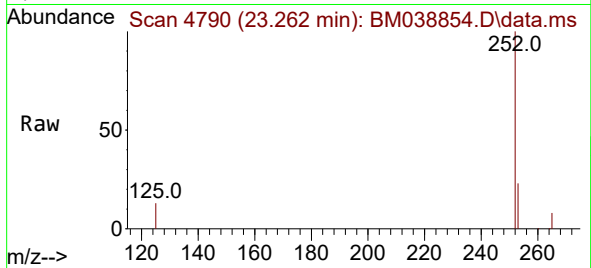
Tgt Ion:228 Resp: 47682
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 19.4 15.7 23.5



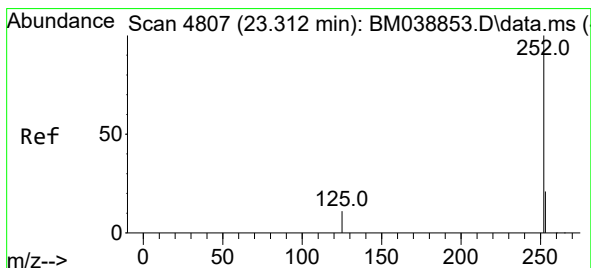
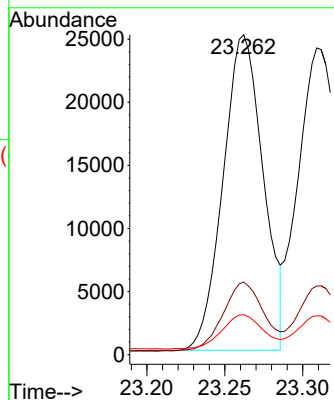


#24
Benzo(b)fluoranthene
Concen: 0.879 ng/ul
RT: 23.262 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

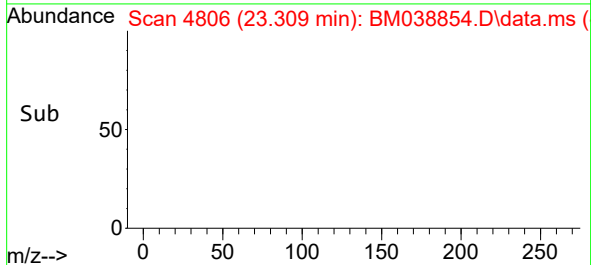
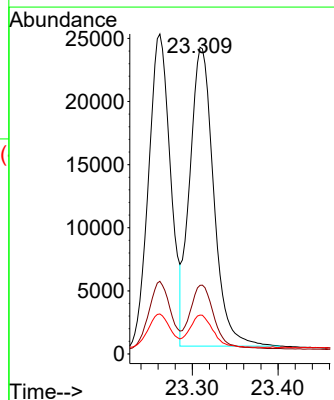
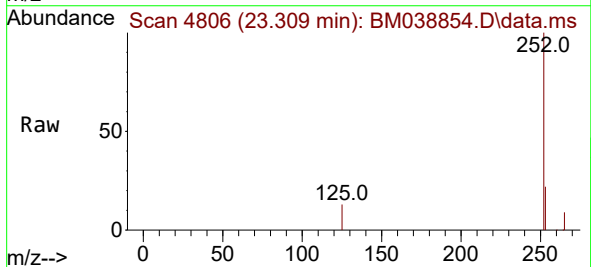


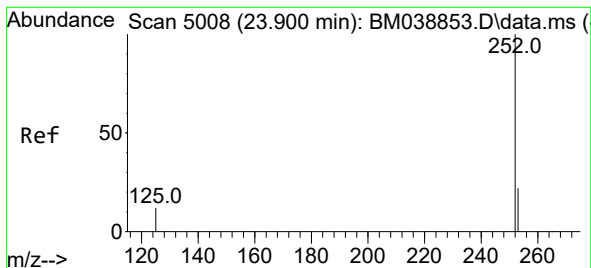
Tgt Ion:252 Resp: 44822
Ion Ratio Lower Upper
252 100
253 22.7 0.0 47.6
125 12.5 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.907 ng/ul
RT: 23.309 min Scan# 4806
Delta R.T. -0.003 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:252 Resp: 45932
Ion Ratio Lower Upper
252 100
253 22.4 19.2 28.8
125 12.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.779 ng/ul

RT: 23.899 min Scan# 5008

Delta R.T. -0.000 min

Lab File: BM038854.D

Acq: 03 Mar 2023 11:08

Instrument :

BNA_M

ClientSampleId :

SSTD0.8004

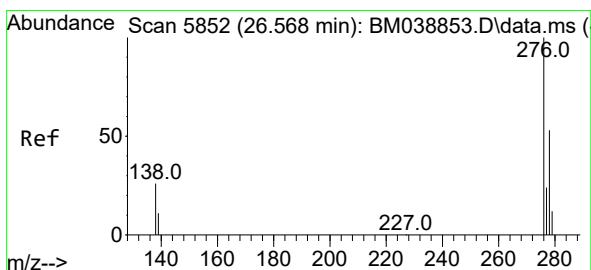
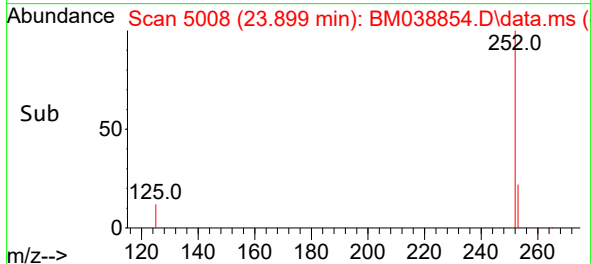
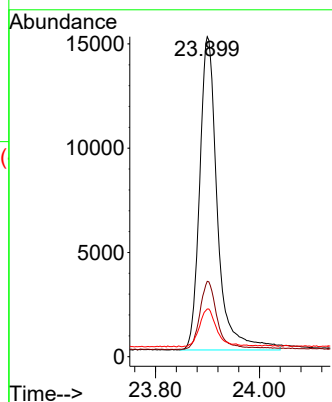
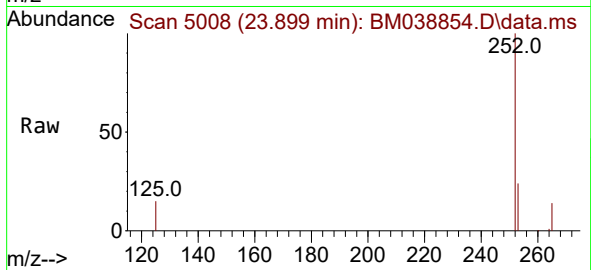
Tgt Ion:252 Resp: 35556

Ion Ratio Lower Upper

252 100

253 23.6 20.3 30.5

125 14.9 14.0 21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.646 ng/ul

RT: 26.564 min Scan# 5851

Delta R.T. -0.004 min

Lab File: BM038854.D

Acq: 03 Mar 2023 11:08

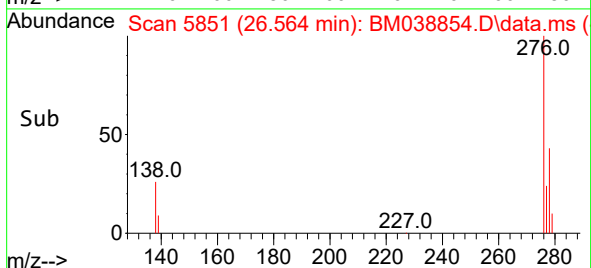
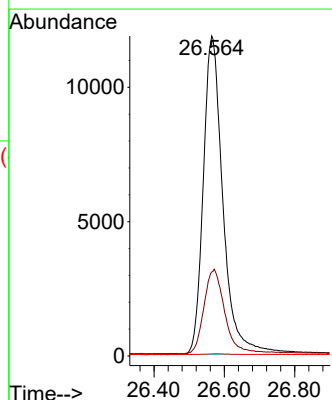
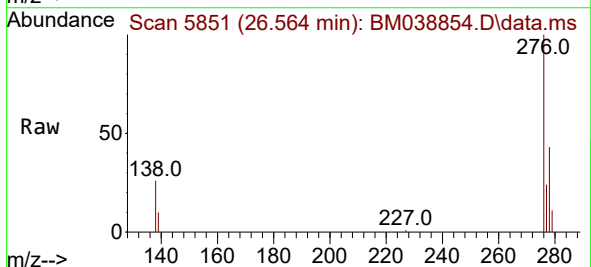
Tgt Ion:276 Resp: 45988

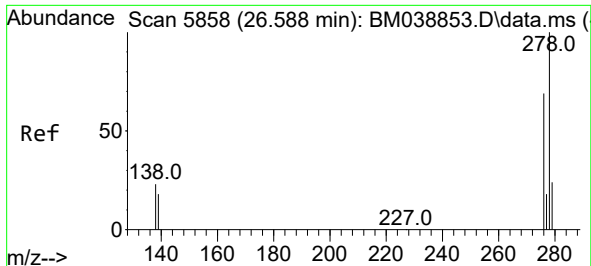
Ion Ratio Lower Upper

276 100

138 28.2 22.2 33.4

227 0.2 0.2 0.2

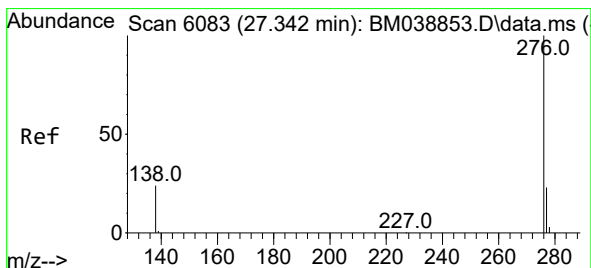
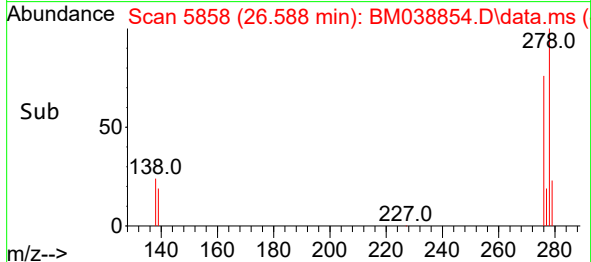
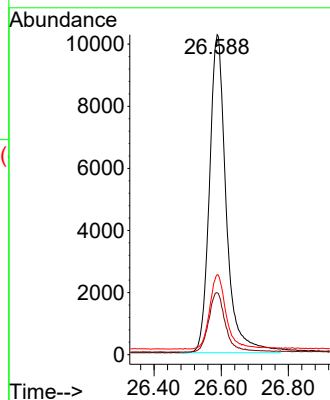
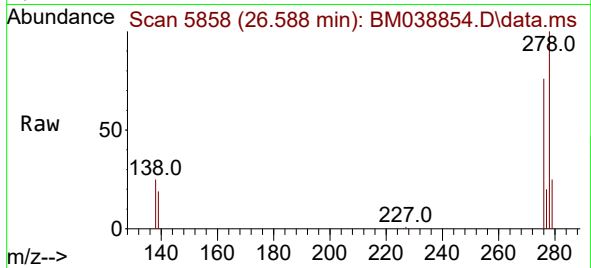




#28
Dibenzo(a,h)anthracene
Concen: 0.634 ng/ul
RT: 26.588 min Scan# 5858
Delta R.T. -0.000 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:	278	Resp:	35437
Ion Ratio	Lower	Upper	
278	100		
139	19.4	16.0	24.0
279	25.0	21.8	32.6



#29
Benzo(g,h,i)perylene
Concen: 0.670 ng/ul
RT: 27.349 min Scan# 6085
Delta R.T. 0.006 min
Lab File: BM038854.D
Acq: 03 Mar 2023 11:08

Tgt Ion:	276	Resp:	42576
Ion Ratio	Lower	Upper	
276	100		
138	24.8	20.2	30.4
277	24.1	19.8	29.8

