

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038948.D
 Acq On : 09 Mar 2023 16:41
 Operator : CG/JU
 Sample : PB151257BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS257

Quant Time: Mar 09 18:13:53 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)

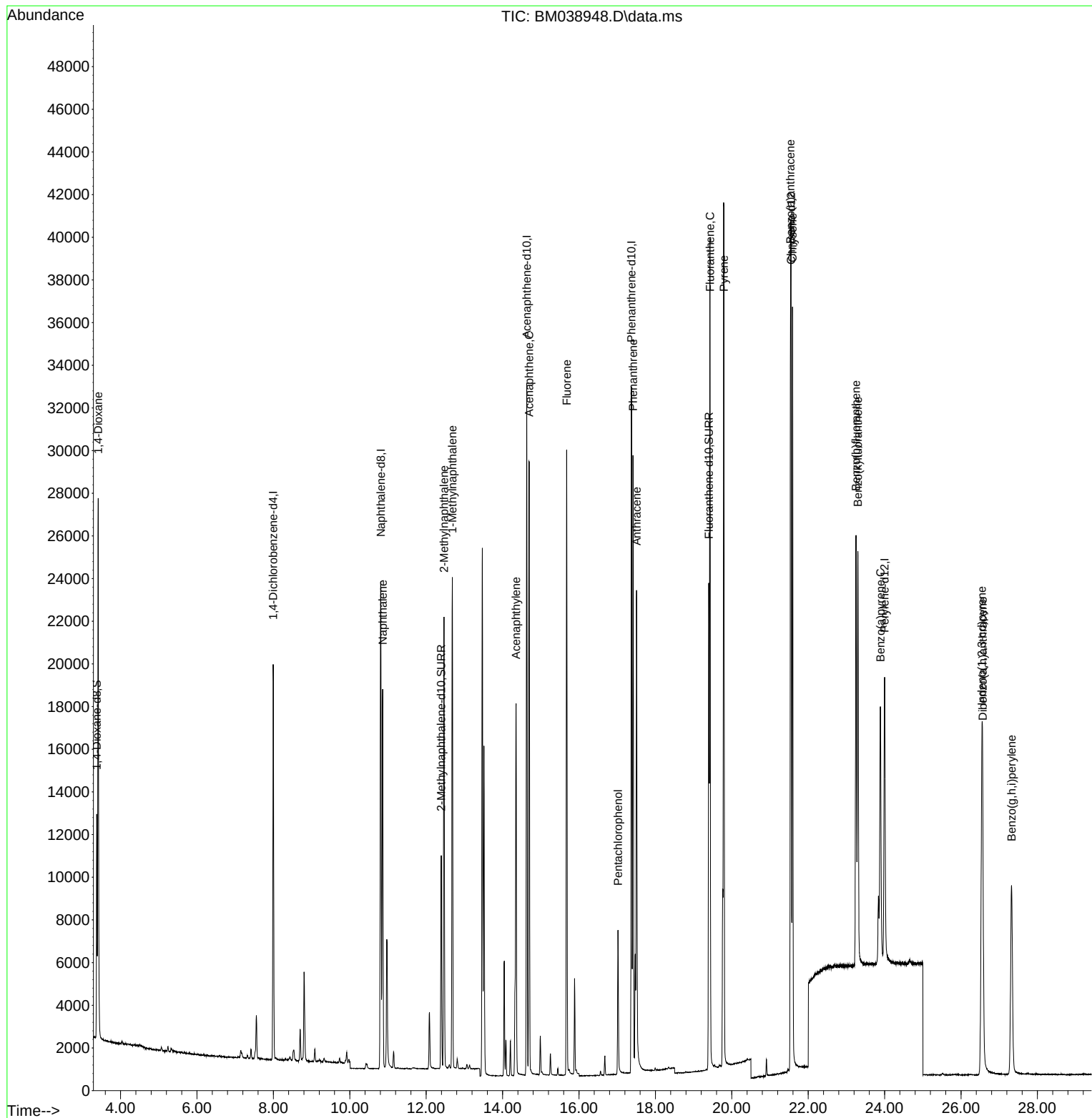
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	9027	0.400	ng/u1	0.00
4) Naphthalene-d8	10.810	136	30160	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.631	164	17151	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.373	188	36320	0.400	ng/u1	0.00
17) Chrysene-d12	21.554	240	28462	0.400	ng/u1	0.00
23) Perylene-d12	24.001	264	19600	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	6739	0.660	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.393	152	12388	0.340	ng/u1	0.00
18) Fluoranthene-d10	19.397	212	24566	0.363	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	17006	1.644	ng/u1	92
5) Naphthalene	10.859	128	23848	0.331	ng/u1	100
7) 2-Methylnaphthalene	12.465	142	14818	0.339	ng/u1	100
8) 1-Methylnaphthalene	12.685	142	15528	0.338	ng/u1	99
10) Acenaphthylene	14.354	152	19658	0.315	ng/u1	100
11) Acenaphthene	14.691	153	16425	0.320	ng/u1	98
12) Fluorene	15.677	166	18573	0.321	ng/u1	99
14) Pentachlorophenol	17.023	266	4672	0.535	ng/u1	99
15) Phenanthrene	17.415	178	30637	0.319	ng/u1	99
16) Anthracene	17.508	178	25655	0.325	ng/u1	99
19) Fluoranthene	19.429	202	33789	0.351	ng/u1	100
20) Pyrene	19.792	202	34865	0.352	ng/u1	98
21) Benzo(a)anthracene	21.537	228	28348	0.352	ng/u1	99
22) Chrysene	21.589	228	31264	0.323	ng/u1	99
24) Benzo(b)fluoranthene	23.252	252	27110	0.354	ng/u1	96
25) Benzo(k)fluoranthene	23.299	252	26165	0.342	ng/u1	97
26) Benzo(a)pyrene	23.890	252	20674	0.339	ng/u1#	95
27) Indeno(1,2,3-cd)pyrene	26.543	276	23850	0.309	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.567	278	19071	0.324	ng/u1	100
29) Benzo(g,h,i)perylene	27.321	276	20280	0.282	ng/u1	98

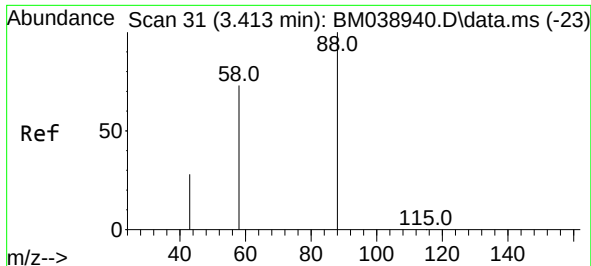
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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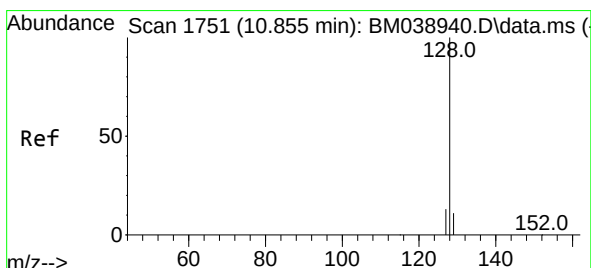
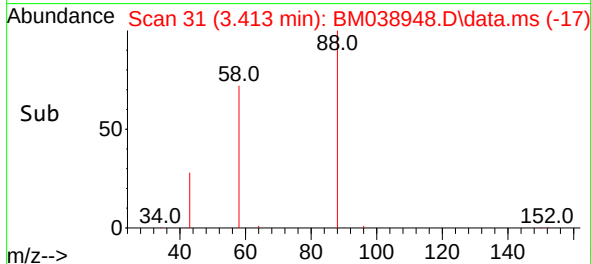
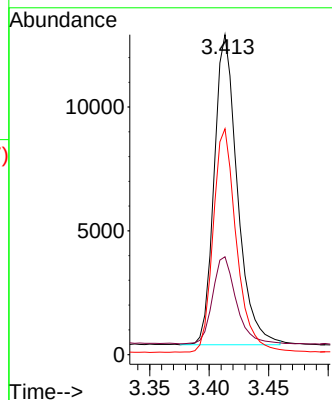
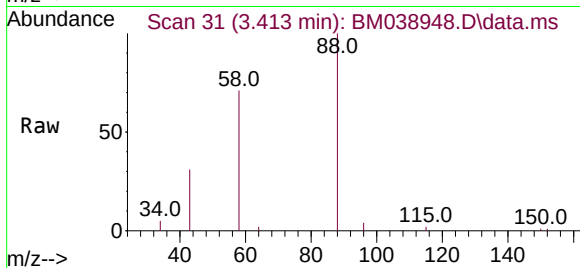




#2
1,4-Dioxane
Concen: 1.644 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

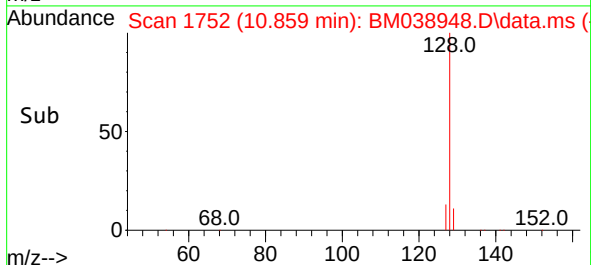
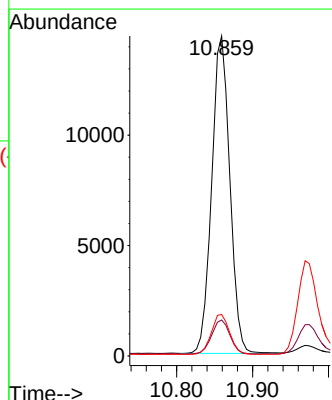
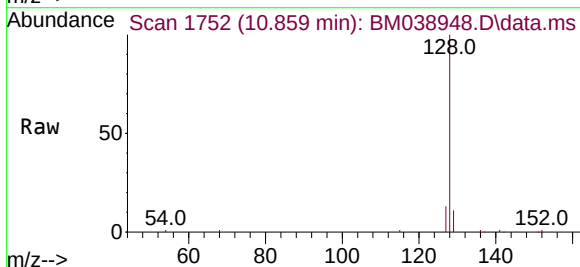
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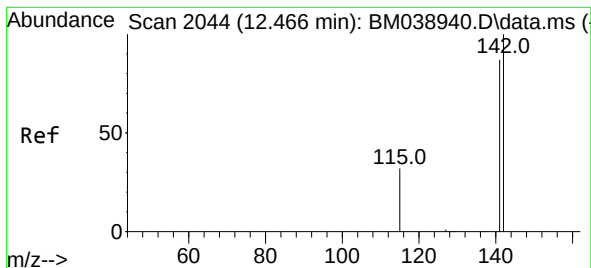
Tgt Ion: 88 Resp: 17006
Ion Ratio Lower Upper
88 100
43 30.6 27.2 40.8
58 70.6 50.8 76.2



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.859 min Scan# 1752
Delta R.T. 0.004 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion: 128 Resp: 23848
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.3 15.5

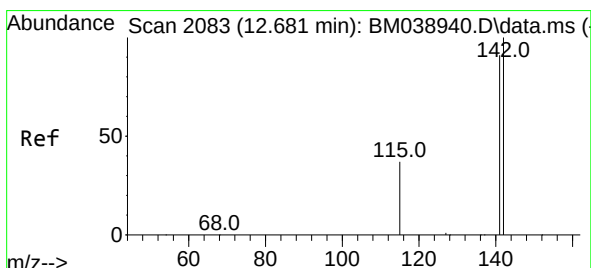
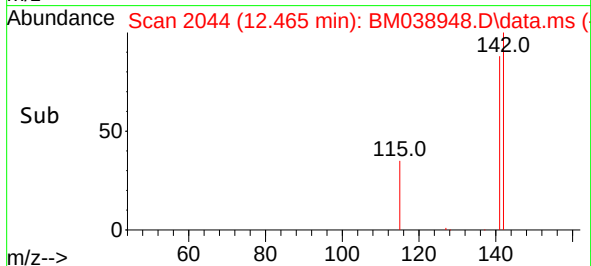
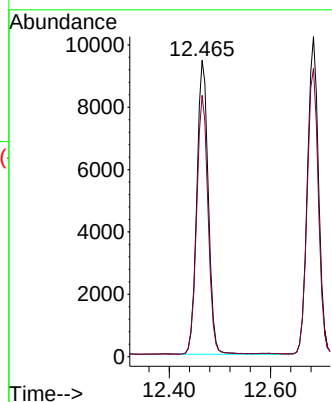
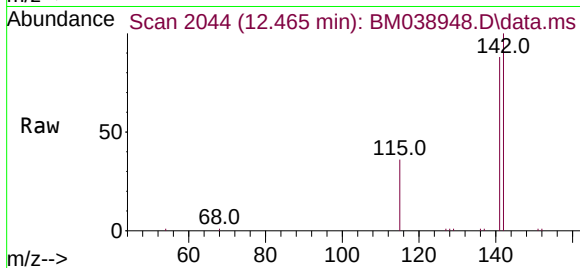




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.465 min Scan# 2044
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

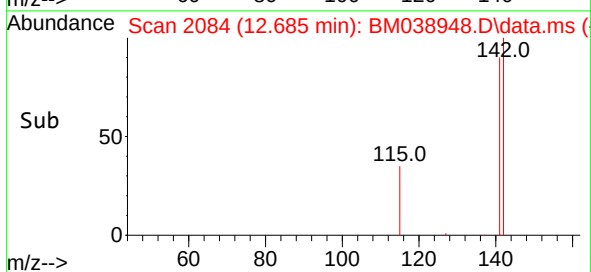
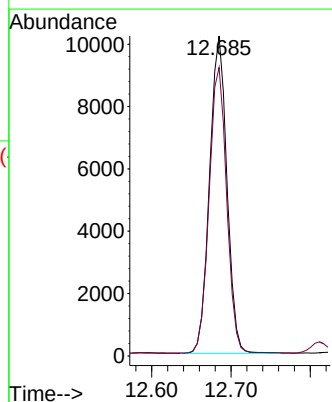
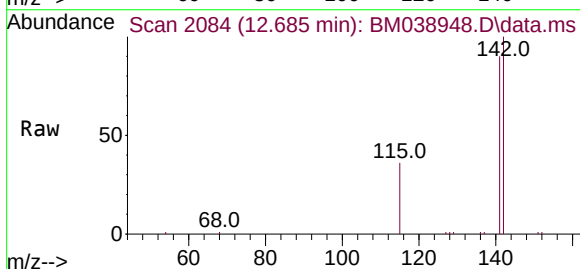
Instrument :
BNA_M
ClientSampleId :
SLCS257

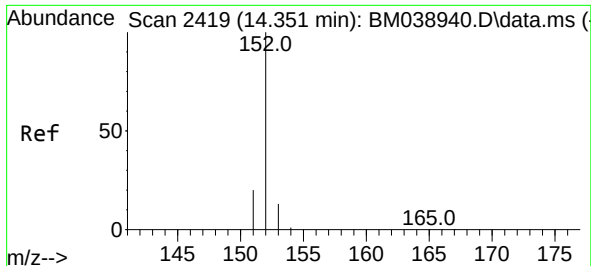
Tgt Ion:142 Resp: 14818
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.685 min Scan# 2084
Delta R.T. 0.004 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:142 Resp: 15528
Ion Ratio Lower Upper
142 100
141 90.7 73.5 110.3

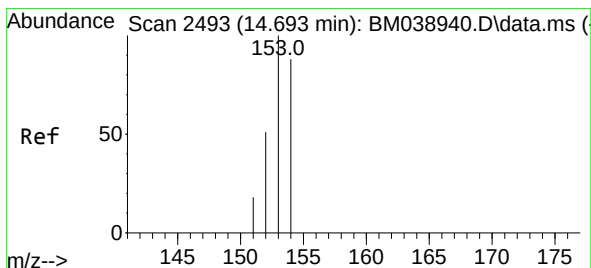
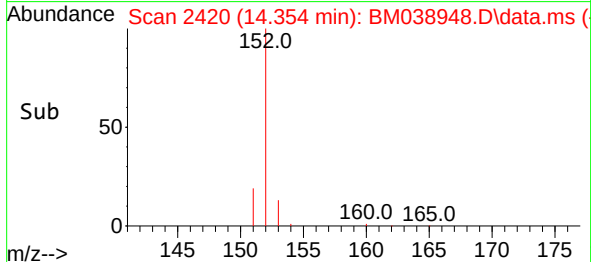
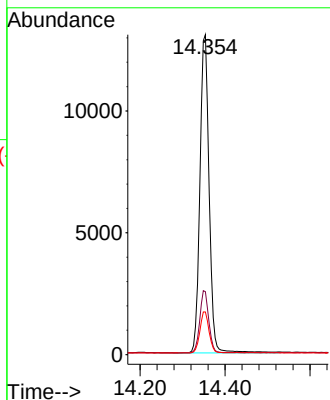
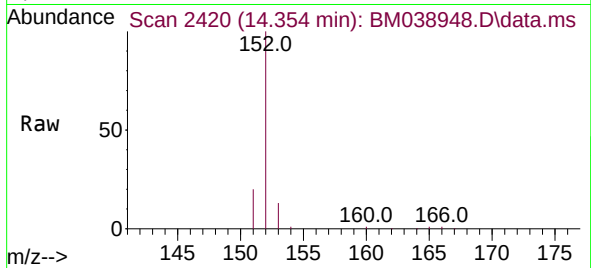




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.354 min Scan# 2419
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

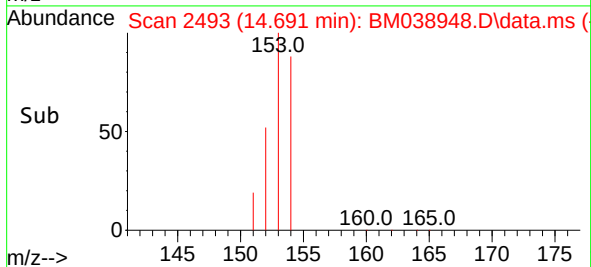
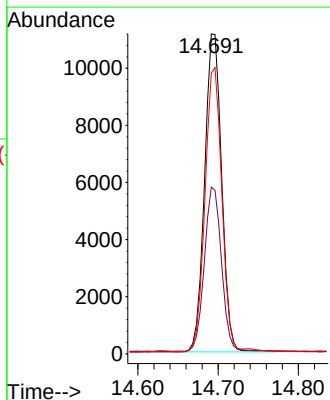
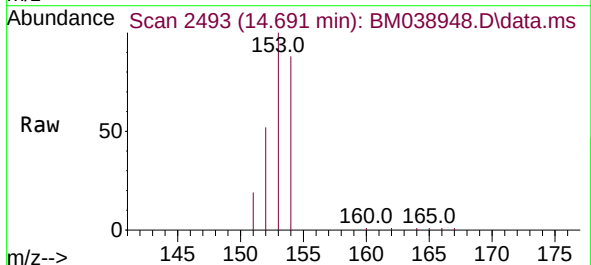
Instrument :
BNA_M
ClientSampleId :
SLCS257

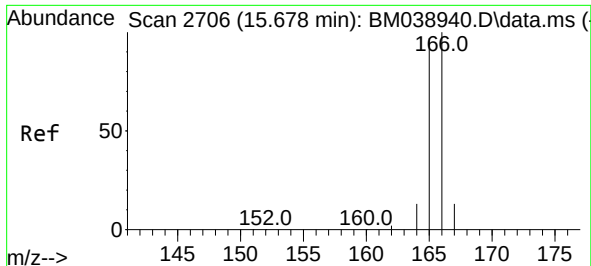
Tgt Ion:152	Resp:	19658
Ion Ratio	Lower	Upper
152	100	
151	19.7	15.6 23.4
153	13.3	10.6 15.8



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.691 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:153	Resp:	16425
Ion Ratio	Lower	Upper
153	100	
152	52.1	44.2 66.2
154	87.8	70.6 105.8

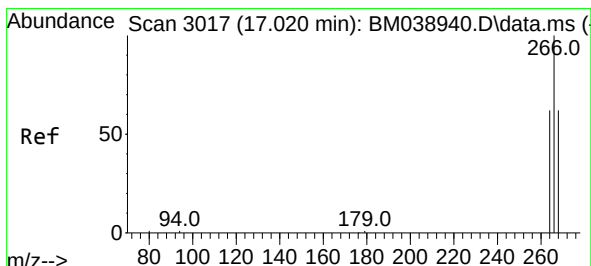
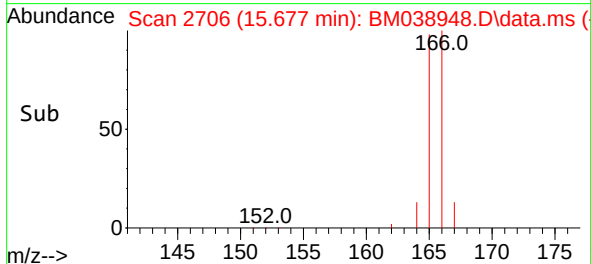
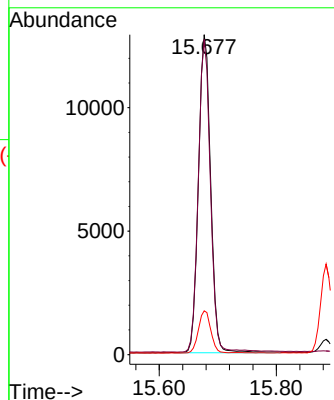
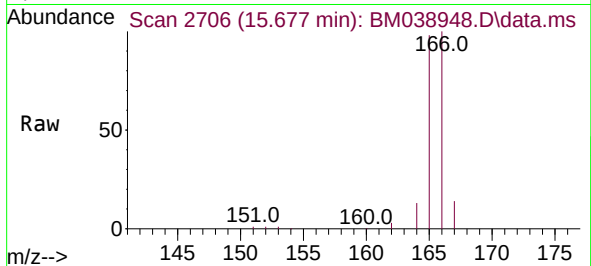




#12
 Fluorene
 Concen: 0.321 ng/ul
 RT: 15.677 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM038948.D
 Acq: 09 Mar 2023 16:41

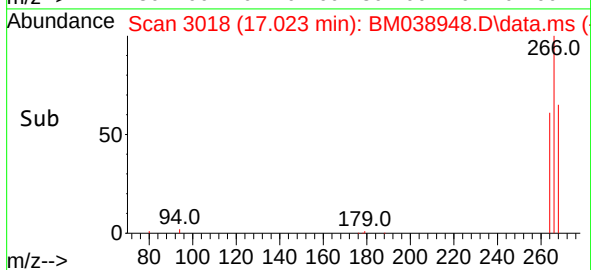
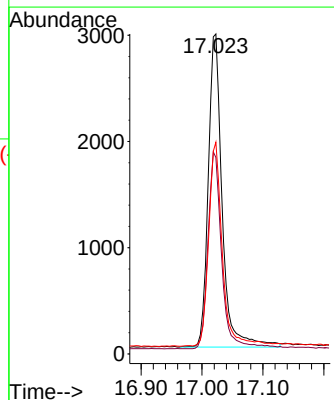
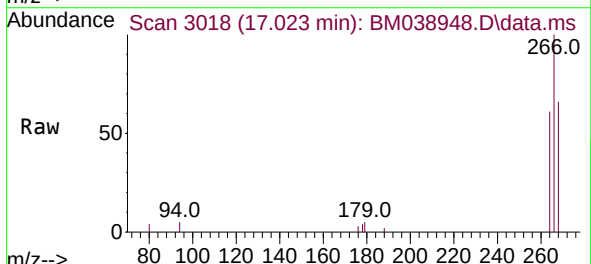
Instrument :
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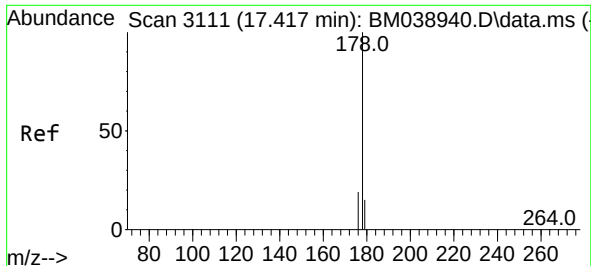
Tgt Ion:166 Resp: 18573
 Ion Ratio Lower Upper
 166 100
 165 98.5 77.8 116.6
 167 13.7 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.535 ng/ul
 RT: 17.023 min Scan# 3018
 Delta R.T. 0.003 min
 Lab File: BM038948.D
 Acq: 09 Mar 2023 16:41

Tgt Ion:266 Resp: 4672
 Ion Ratio Lower Upper
 266 100
 264 62.2 50.2 75.2
 268 64.6 50.2 75.4

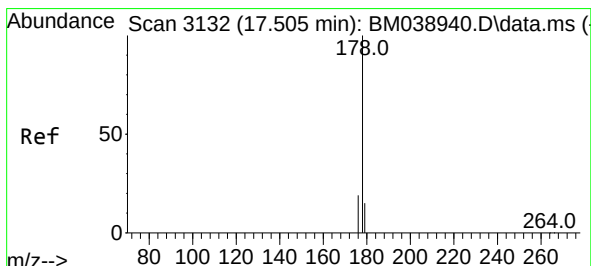
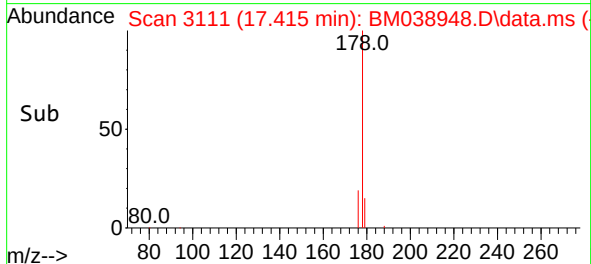
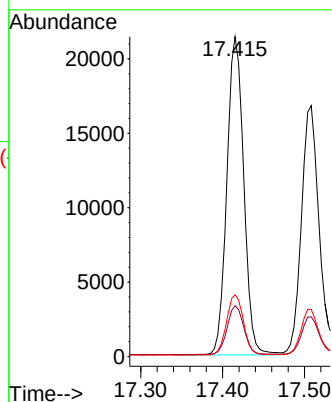
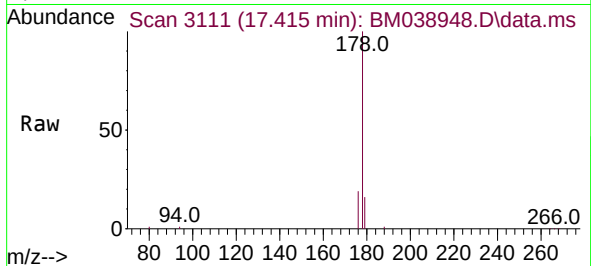




#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.415 min Scan# 3111
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

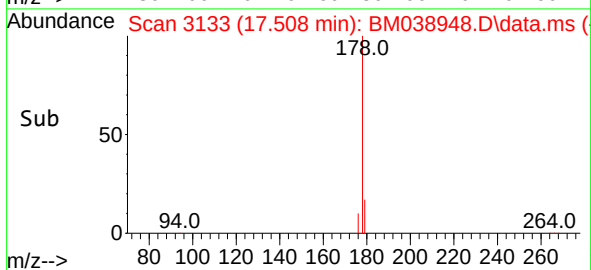
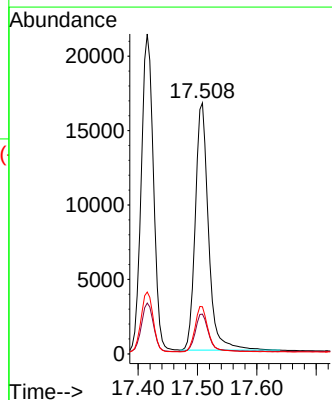
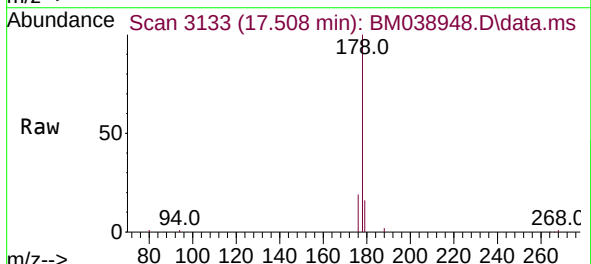
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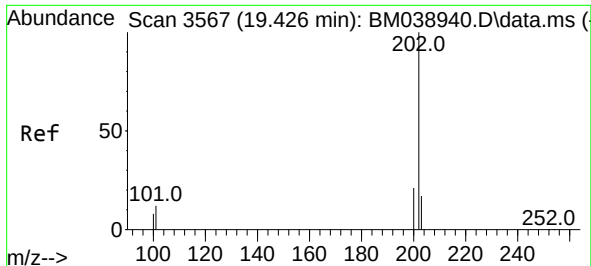
Tgt Ion:	178	Resp:	30637
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.7	19.1
176	19.3	15.9	23.9



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.508 min Scan# 3133
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:	178	Resp:	25655
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.0	19.6
176	18.8	15.4	23.2

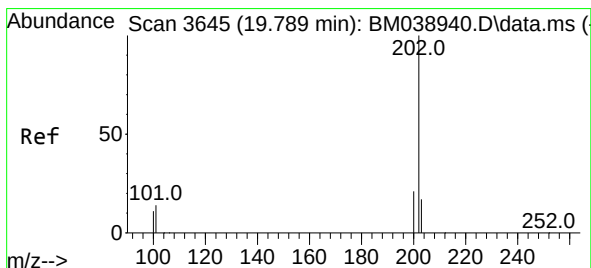
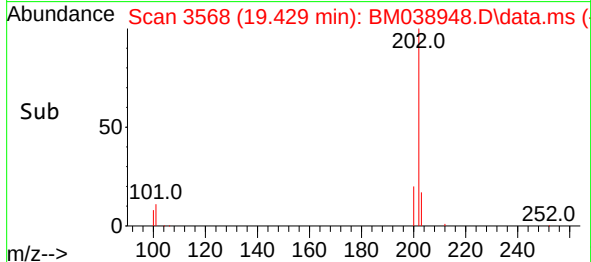
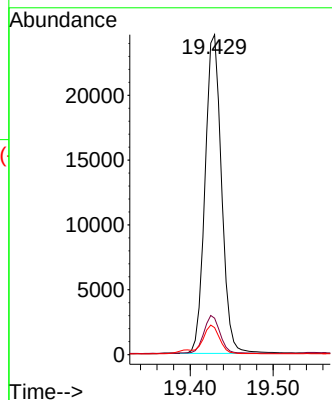
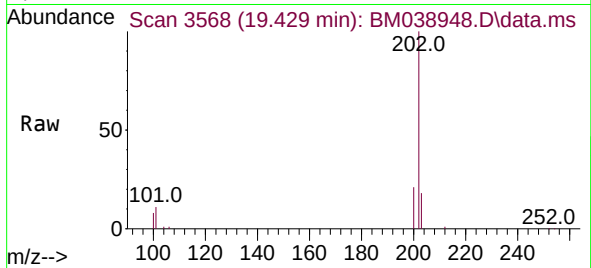




#19
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.429 min Scan# 3567
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

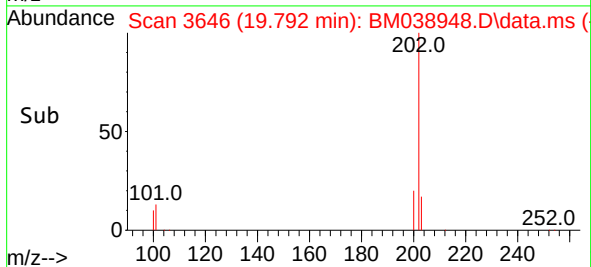
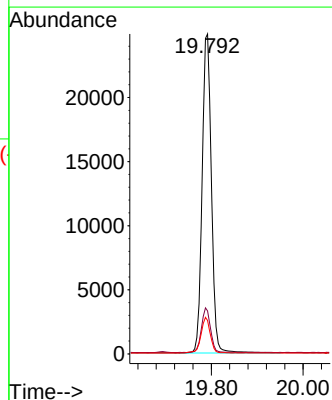
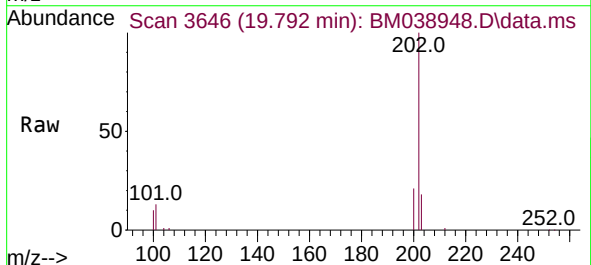
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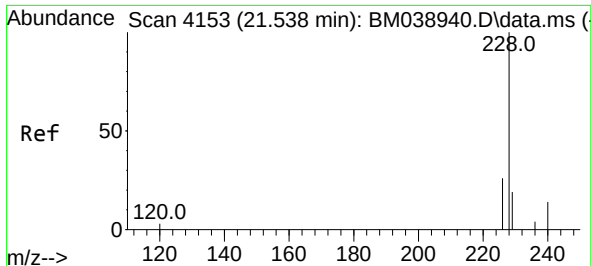
Tgt Ion:202 Resp: 33789
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
100 8.4 6.8 10.2



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.792 min Scan# 3646
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:202 Resp: 34865
Ion Ratio Lower Upper
202 100
101 13.4 11.2 16.8
100 10.4 9.0 13.6

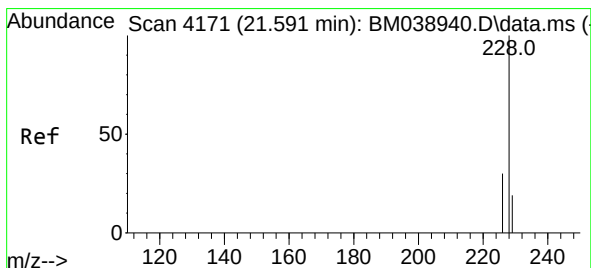
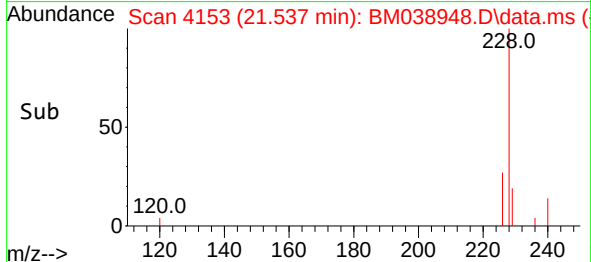
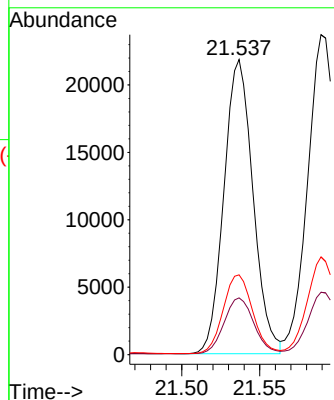
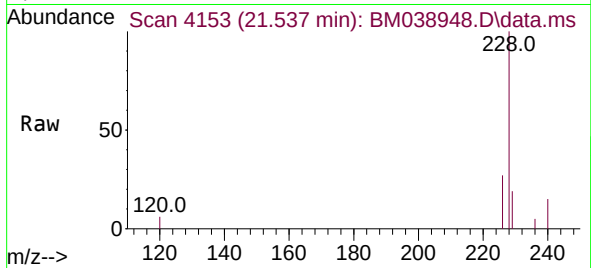




#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.537 min Scan# 4153
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

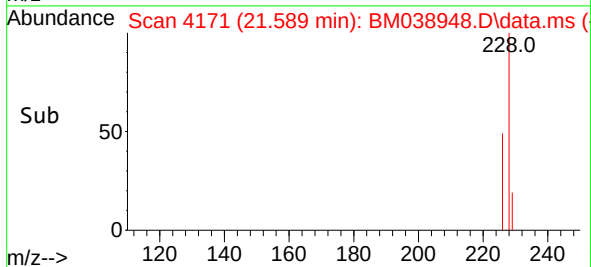
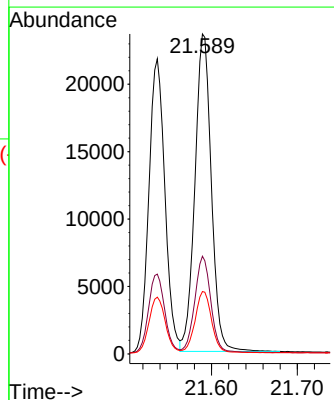
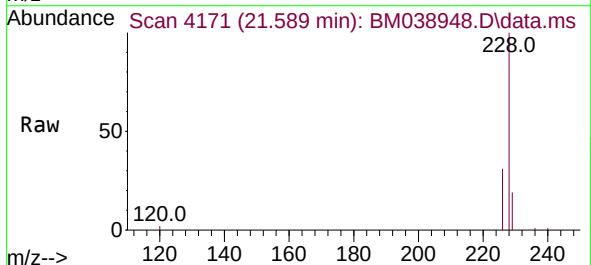
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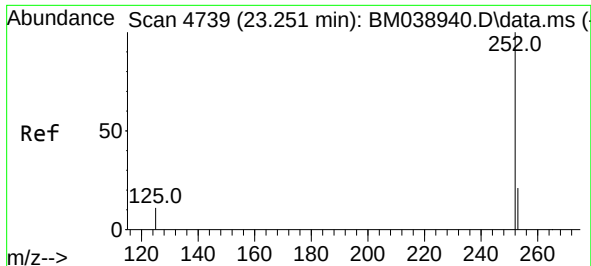
Tgt Ion:228 Resp: 28348
Ion Ratio Lower Upper
228 100
229 19.2 15.6 23.4
226 27.0 22.0 33.0



#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.589 min Scan# 4171
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:228 Resp: 31264
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 19.5 15.7 23.5

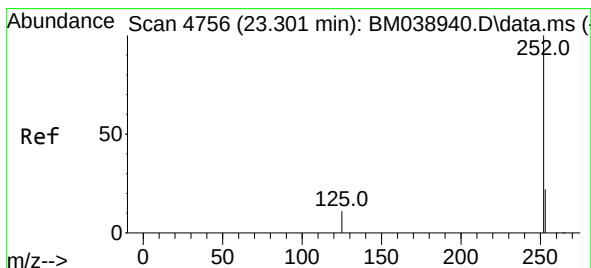
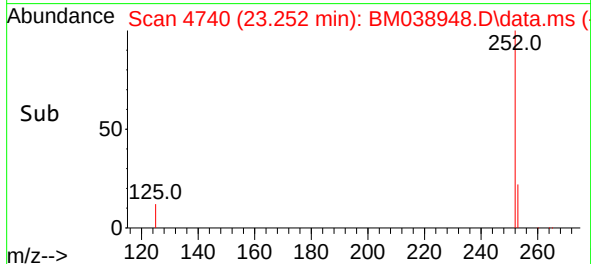
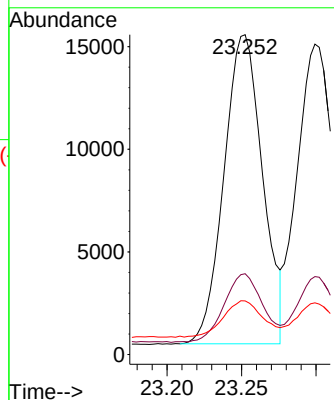
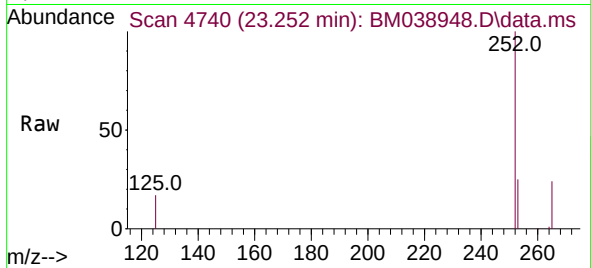




#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul
RT: 23.252 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

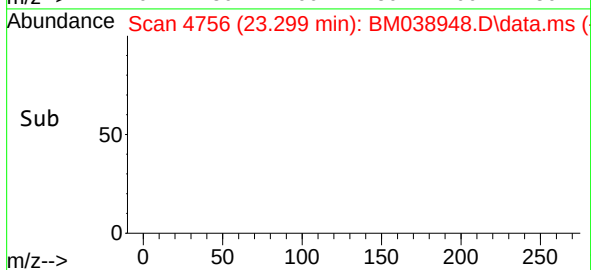
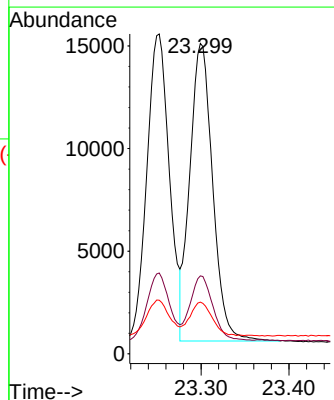
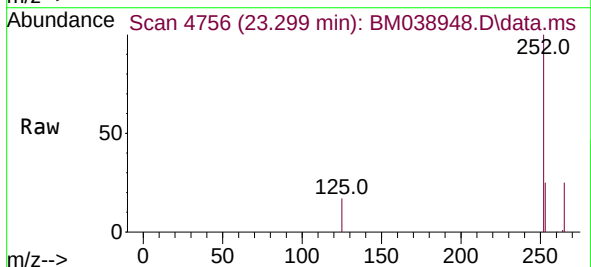
Instrument :
BNA_M
ClientSampleId :
SLCS257

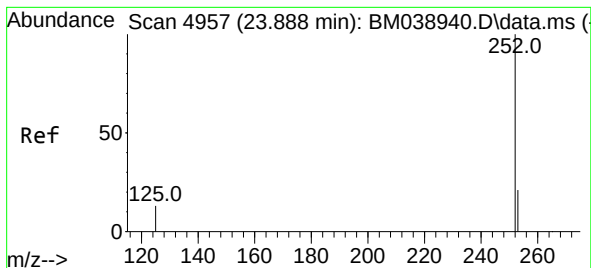
Tgt Ion:252 Resp: 27110
Ion Ratio Lower Upper
252 100
253 25.3 0.0 47.6
125 16.8 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 23.299 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:252 Resp: 26165
Ion Ratio Lower Upper
252 100
253 25.1 19.2 28.8
125 16.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.339 ng/ul

RT: 23.890 min Scan# 4957

Delta R.T. 0.001 min

Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

Instrument :

BNA_M

ClientSampleId :

SLCS257

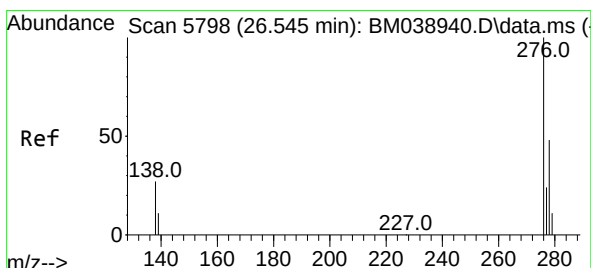
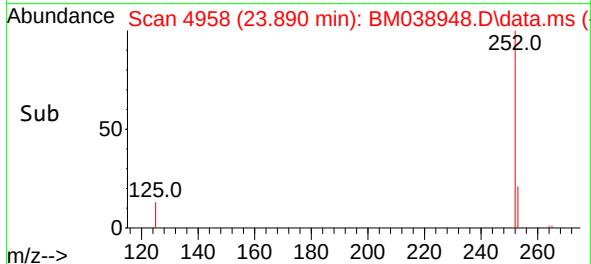
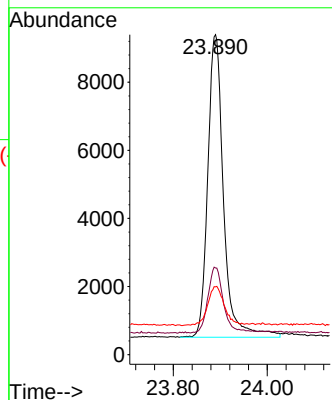
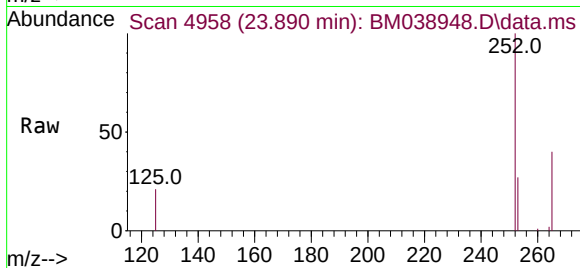
Tgt Ion:252 Resp: 20674

Ion Ratio Lower Upper

252 100

253 27.1 20.3 30.5

125 21.2 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.309 ng/ul

RT: 26.543 min Scan# 5798

Delta R.T. -0.001 min

Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

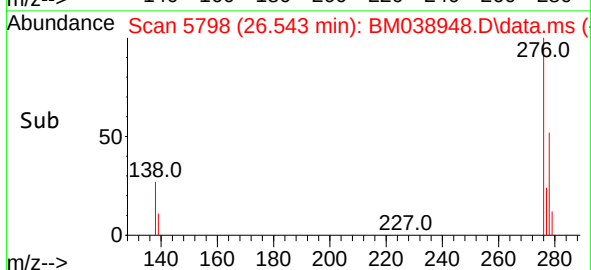
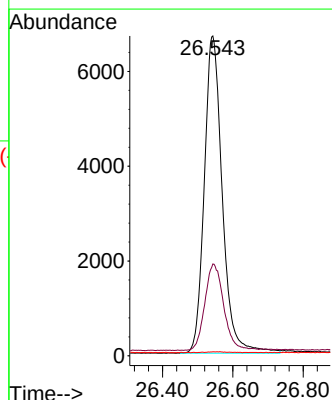
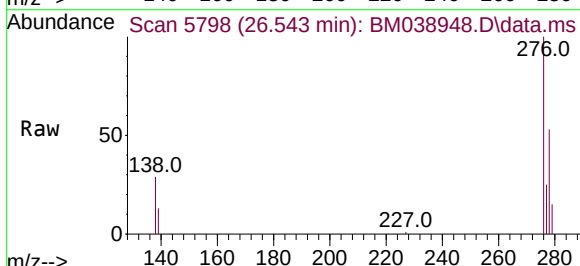
Tgt Ion:276 Resp: 23850

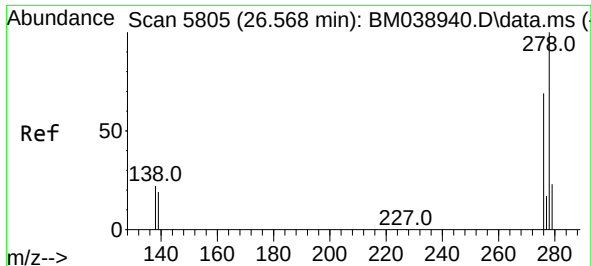
Ion Ratio Lower Upper

276 100

138 28.5 22.2 33.4

227 0.0 0.2 0.2#

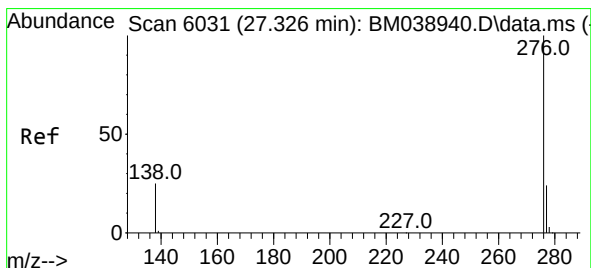
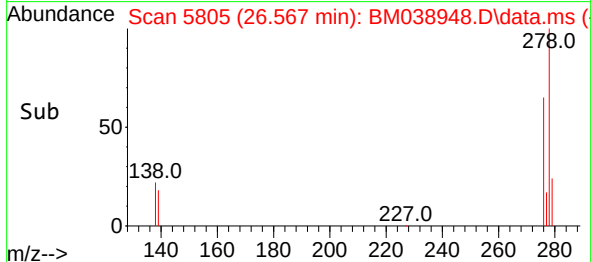
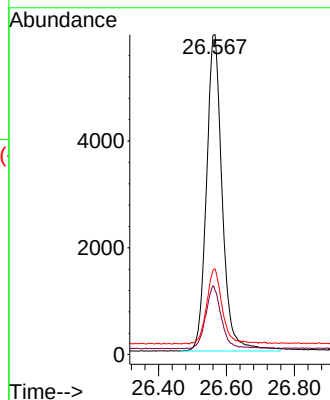
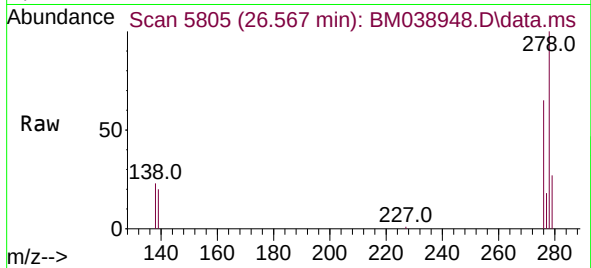




#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.567 min Scan# 5805
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :
SLCS257

Tgt Ion:	278	Resp:	19071
Ion Ratio	Lower	Upper	
278	100		
139	20.0	16.0	24.0
279	26.8	21.8	32.6



#29
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 27.321 min Scan# 6030
Delta R.T. -0.005 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:	276	Resp:	20280
Ion Ratio	Lower	Upper	
276	100		
138	27.0	20.2	30.4
277	24.9	19.8	29.8

