

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111624\
 Data File : BM048766.D
 Acq On : 17 Nov 2024 06:22
 Operator : RC/JU
 Sample : PB164998BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

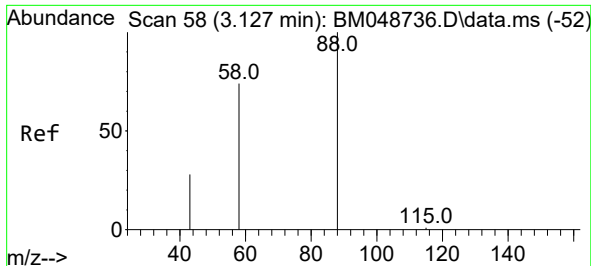
Instrument :
 BNA_M
 ClientSampleId :
 SLCS998

Quant Time: Nov 17 22:51:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 17 22:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.730	152	2068	0.400	ng/ul	0.05
4) Naphthalene-d8	10.470	136	8676	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.295	164	5205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	10054	0.400	ng/ul	0.02
17) Chrysene-d12	21.237	240	9153	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	10544	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	2757	1.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.081	152	4318	0.385	ng/ul	0.03
18) Fluoranthene-d10	19.082	212	10149	0.395	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	7814	2.725	ng/ul#	62
5) Naphthalene	10.520	128	8646	0.398	ng/ul	95
7) 2-Methylnaphthalene	12.153	142	4796	0.351	ng/ul	93
8) 1-Methylnaphthalene	12.345	142	5753	0.411	ng/ul	96
10) Acenaphthylene	14.022	152	7955	0.402	ng/ul	98
11) Acenaphthene	14.360	153	6313	0.399	ng/ul	99
12) Fluorene	15.377	166	6636	0.386	ng/ul	99
14) Pentachlorophenol	16.729	266	2237	0.606	ng/ul	98
15) Phenanthrene	17.104	178	9512	0.360	ng/ul	98
16) Anthracene	17.218	178	8354	0.340	ng/ul	97
19) Fluoranthene	19.115	202	13115	0.387	ng/ul	99
20) Pyrene	19.473	202	14308	0.389	ng/ul	99
21) Benzo(a)anthracene	21.226	228	10346	0.345	ng/ul	98
22) Chrysene	21.272	228	16126	0.449	ng/ul	100
24) Benzo(b)fluoranthene	22.777	252	12507	0.381	ng/ul	98
25) Benzo(k)fluoranthene	22.821	252	16673	0.433	ng/ul	98
26) Benzo(a)pyrene	23.353	252	13355	0.416	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.672	276	18412	0.411	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.689	278	13947	0.400	ng/ul	98
29) Benzo(g,h,i)perylene	26.357	276	15778	0.420	ng/ul	98

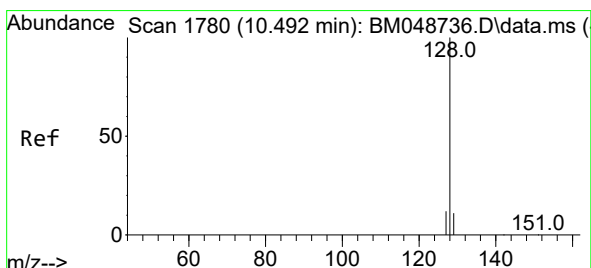
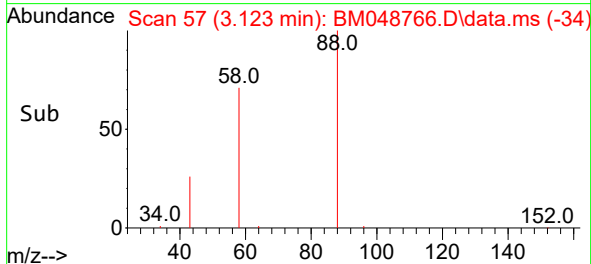
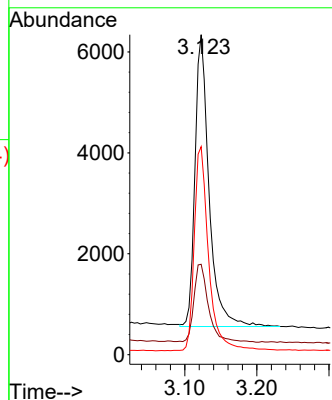
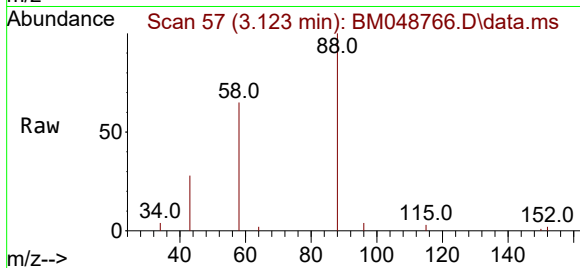
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 2.725 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

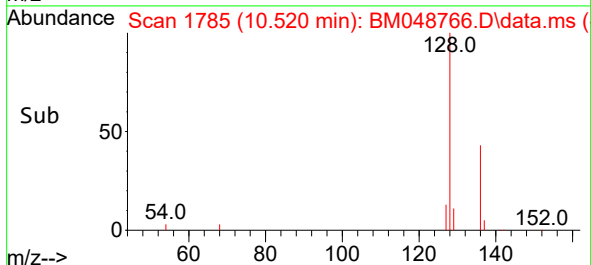
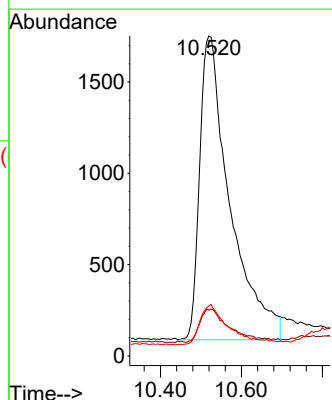
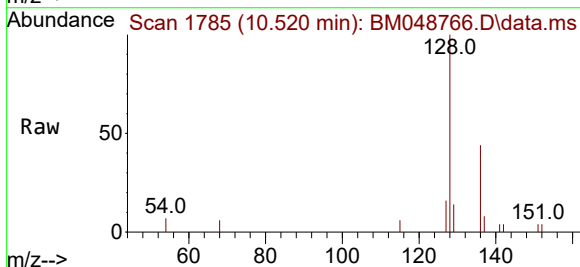
Instrument :
BNA_M
ClientSampleId :
SLCS998

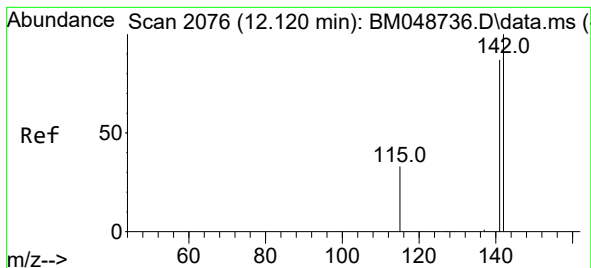
Tgt Ion: 88 Resp: 7814
Ion Ratio Lower Upper
88 100
43 28.3 60.2 90.4#
58 65.0 44.2 66.2



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.520 min Scan# 1785
Delta R.T. 0.028 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Tgt Ion:128 Resp: 8646
Ion Ratio Lower Upper
128 100
129 14.3 10.0 15.0
127 15.6 10.9 16.3

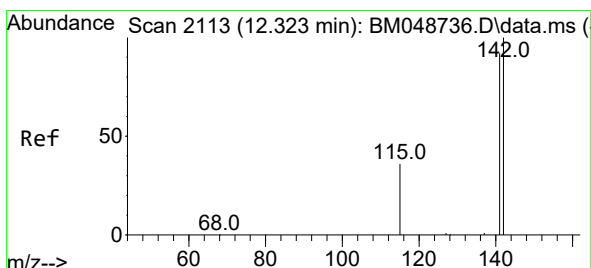
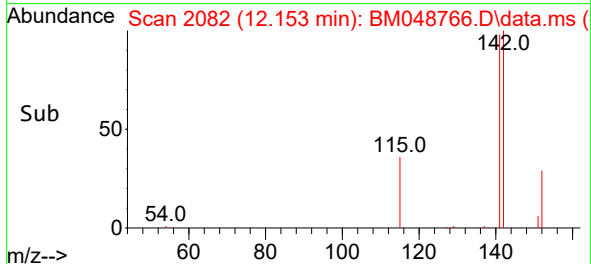
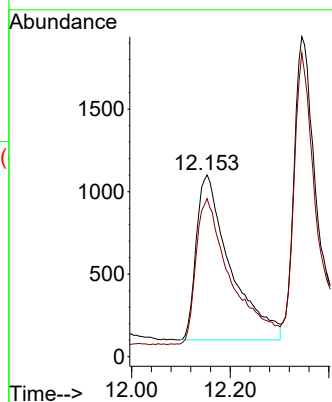
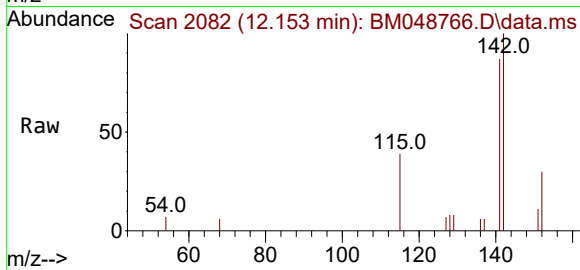




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.153 min Scan# 2076
Delta R.T. 0.033 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

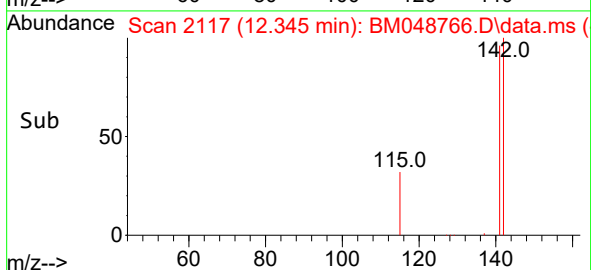
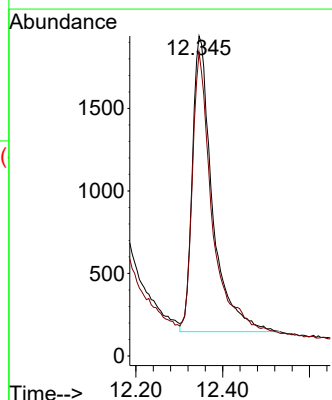
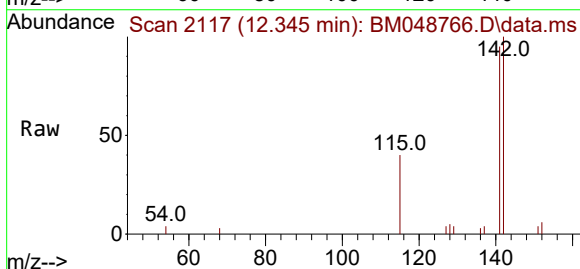
Instrument :
BNA_M
ClientSampleId :
SLCS998

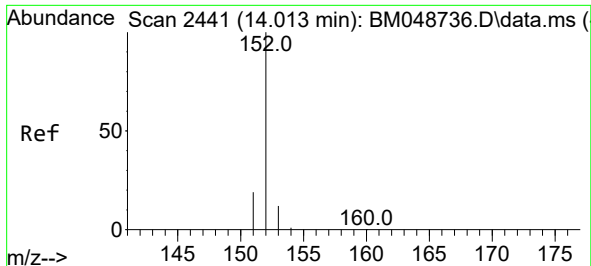
Tgt Ion:142 Resp: 4796
Ion Ratio Lower Upper
142 100
141 91.8 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.345 min Scan# 2117
Delta R.T. 0.022 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Tgt Ion:142 Resp: 5753
Ion Ratio Lower Upper
142 100
141 94.4 72.8 109.2

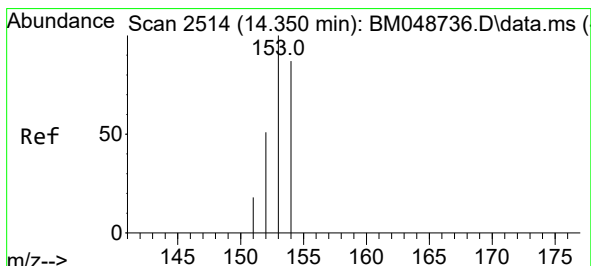
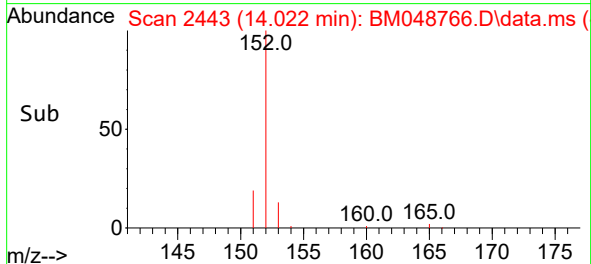
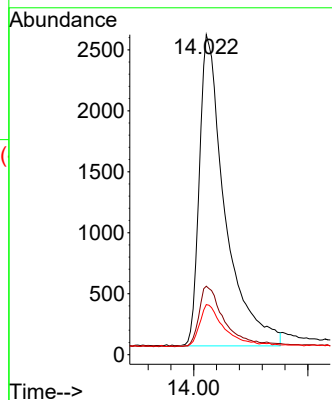
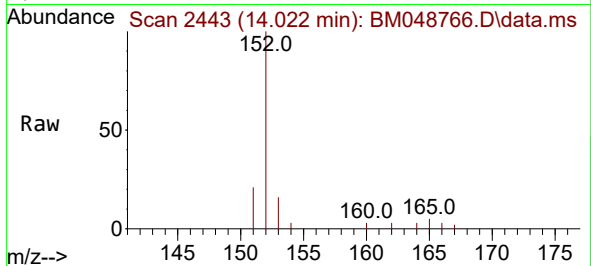




#10
Acenaphthylene
Concen: 0.402 ng/ul
RT: 14.022 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

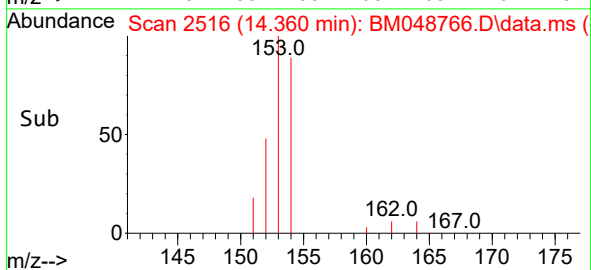
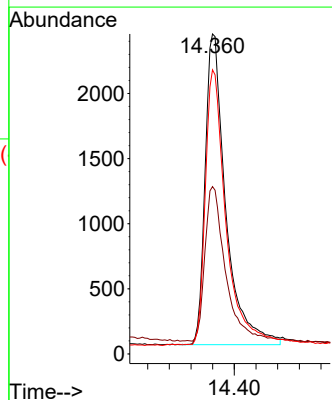
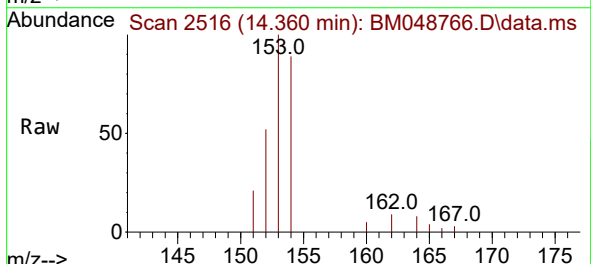
Instrument :
BNA_M
ClientSampleId :
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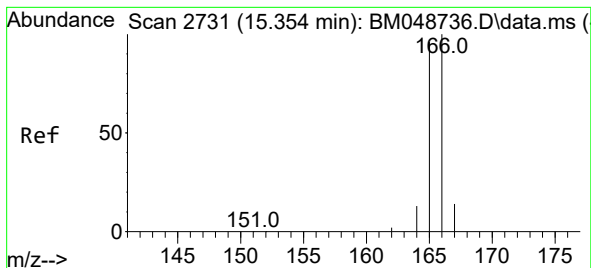
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.5	24.7
153	15.7	11.6	17.4



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Tgt Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.1	61.7
154	88.8	70.3	105.5





#12

Fluorene

Concen: 0.386 ng/ul

RT: 15.377 min Scan# 21

Delta R.T. 0.023 min

Lab File: BM048766.D

Acq: 17 Nov 2024 06:22

Instrument :

BNA_M

ClientSampleId :

SLCS998

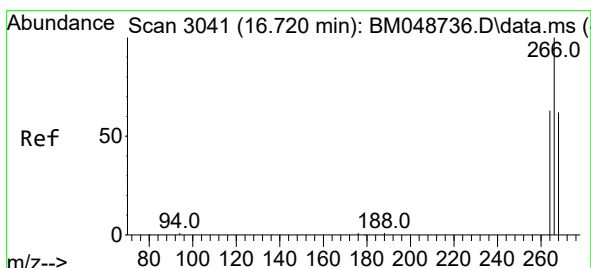
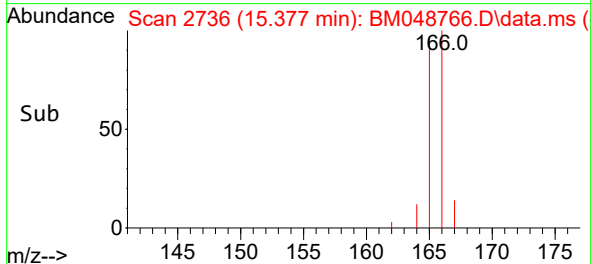
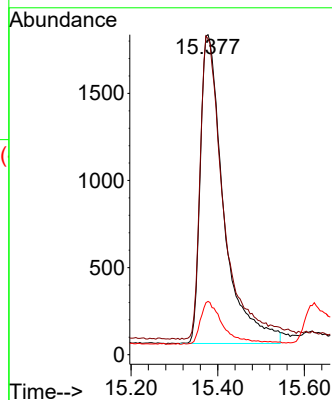
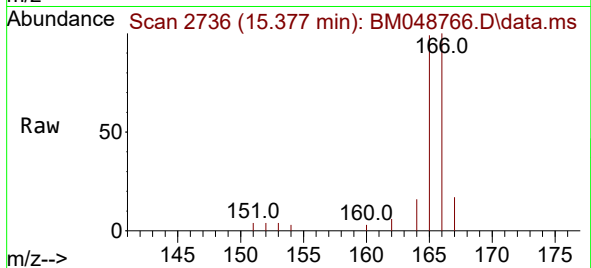
Tgt Ion:166 Resp: 6636

Ion Ratio Lower Upper

166 100

165 98.7 78.7 118.1

167 16.7 12.6 18.8



#14

Pentachlorophenol

Concen: 0.606 ng/ul

RT: 16.729 min Scan# 3043

Delta R.T. 0.009 min

Lab File: BM048766.D

Acq: 17 Nov 2024 06:22

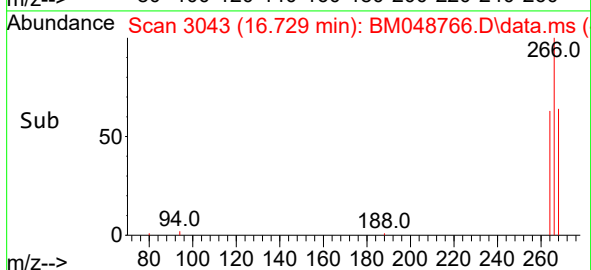
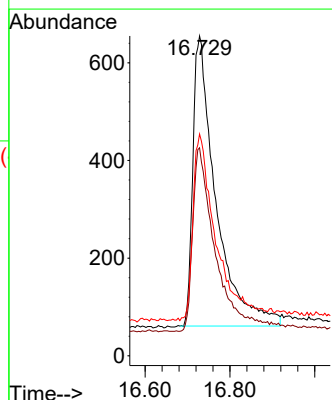
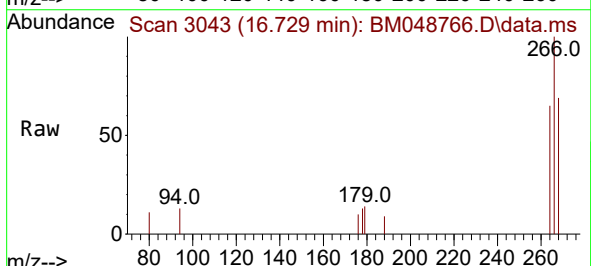
Tgt Ion:266 Resp: 2237

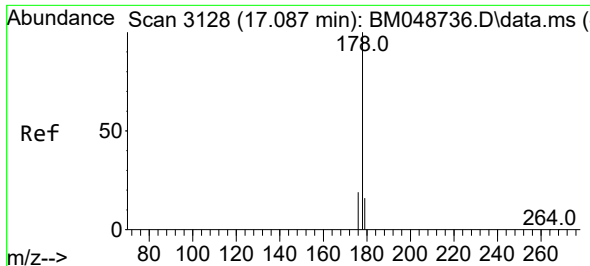
Ion Ratio Lower Upper

266 100

264 63.0 49.6 74.4

268 64.1 49.4 74.0

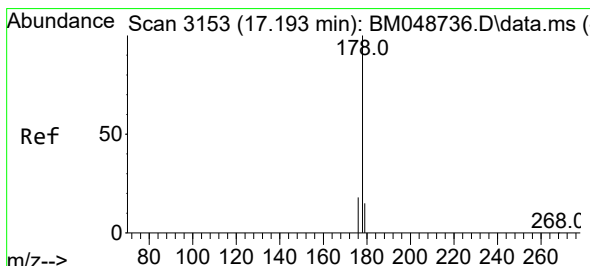
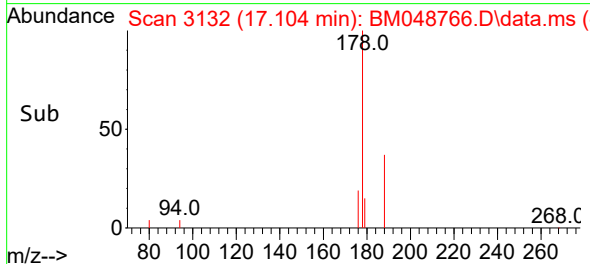
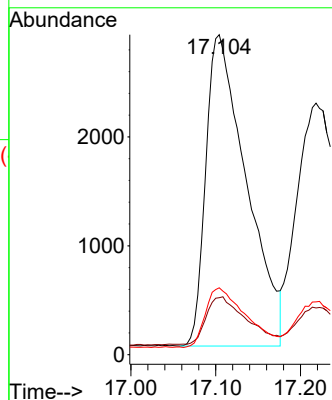
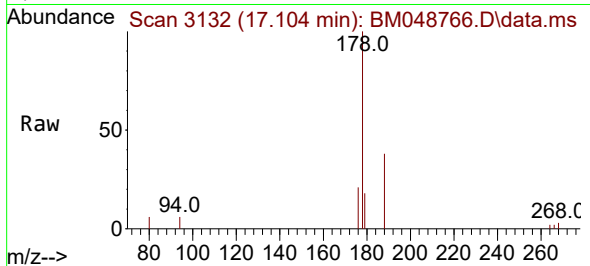




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.104 min Scan# 3132
Delta R.T. 0.017 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

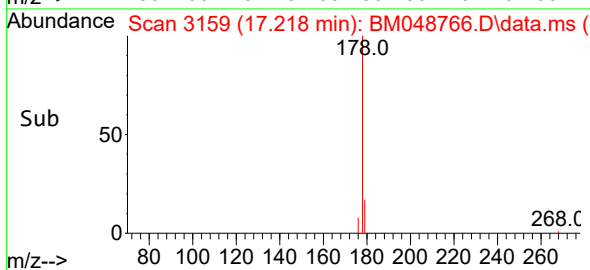
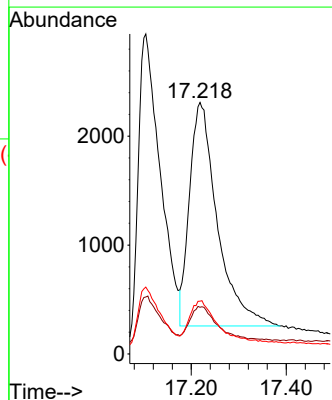
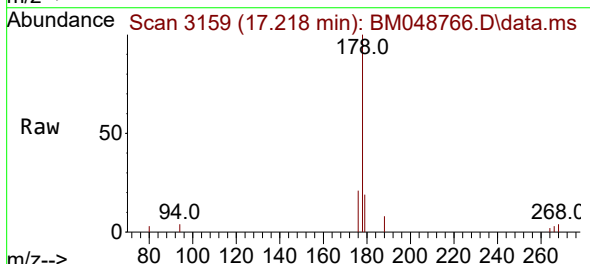
Instrument :
BNA_M
ClientSampleId :
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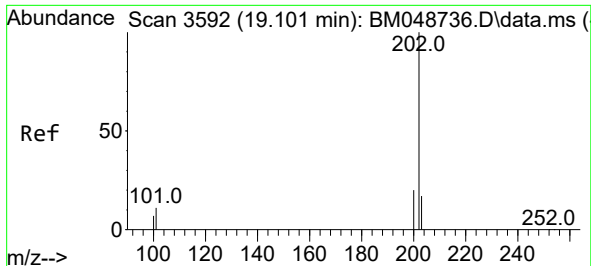
Tgt Ion:178 Resp: 9512
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.0
176 20.9 16.2 24.2



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.218 min Scan# 3159
Delta R.T. 0.025 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Tgt Ion:178 Resp: 8354
Ion Ratio Lower Upper
178 100
179 18.6 13.7 20.5
176 21.0 15.9 23.9

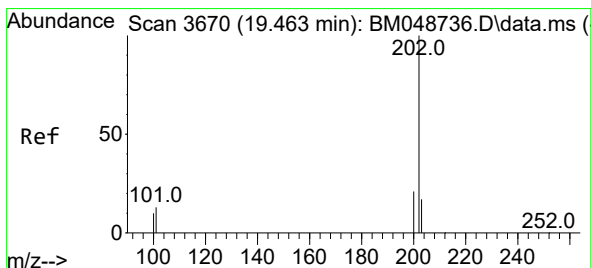
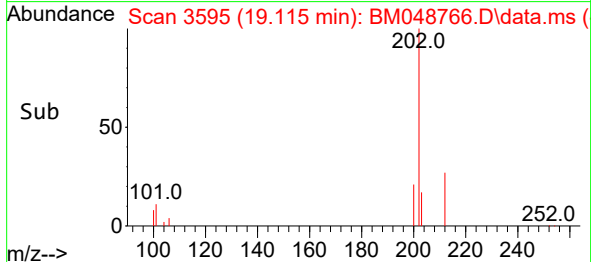
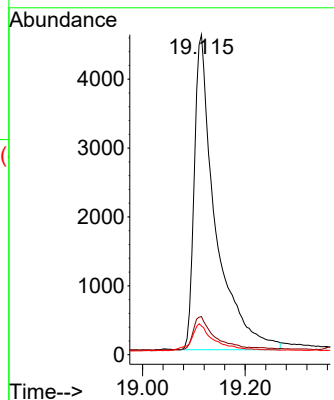
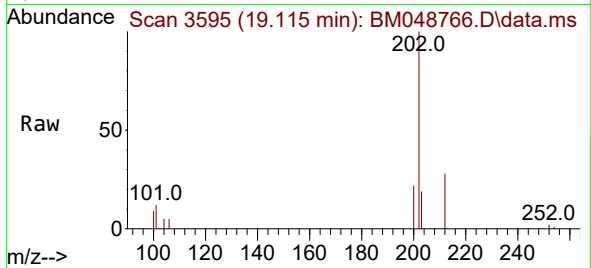




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.115 min Scan# 3595
Delta R.T. 0.014 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

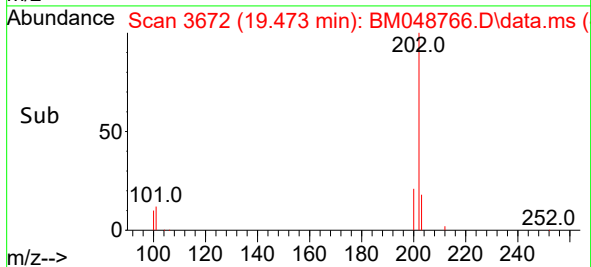
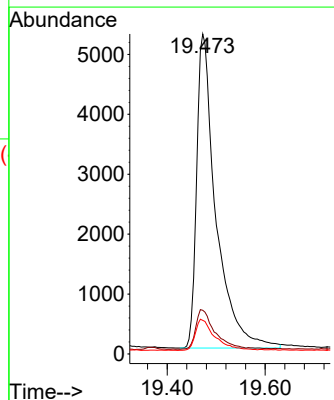
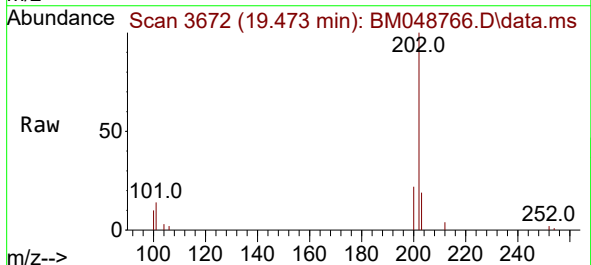
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ClientSampleId :
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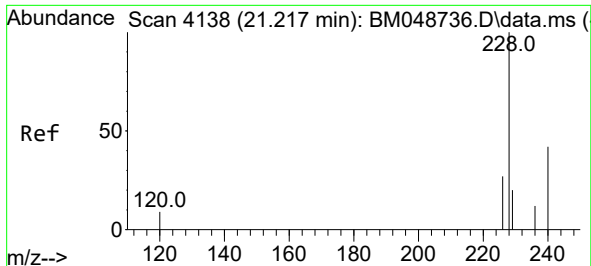
Tgt Ion:202 Resp: 13115
Ion Ratio Lower Upper
202 100
101 11.9 10.2 15.4
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. 0.009 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

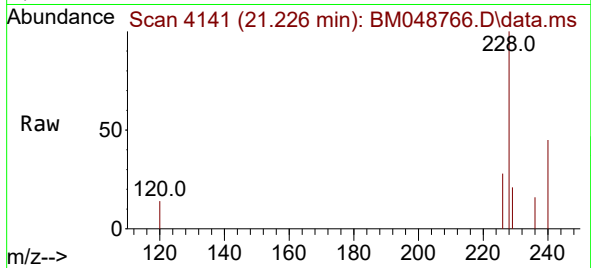
Tgt Ion:202 Resp: 14308
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.2
100 10.5 8.5 12.7



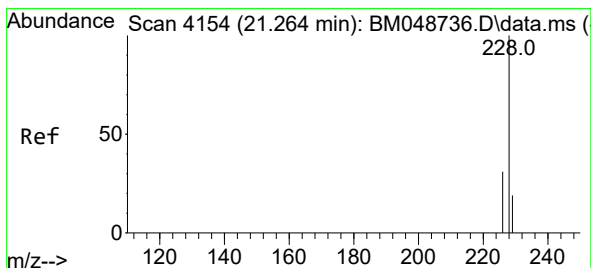
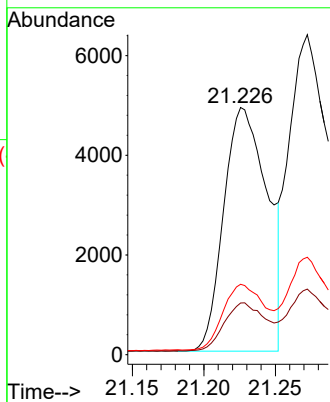
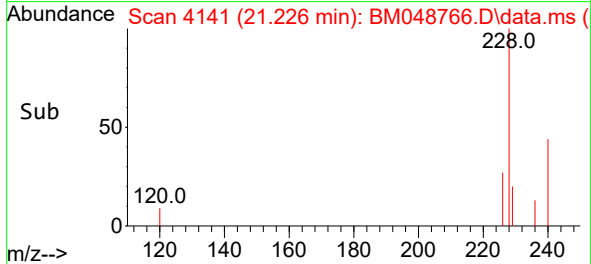


#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.226 min Scan# 411
Delta R.T. 0.009 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

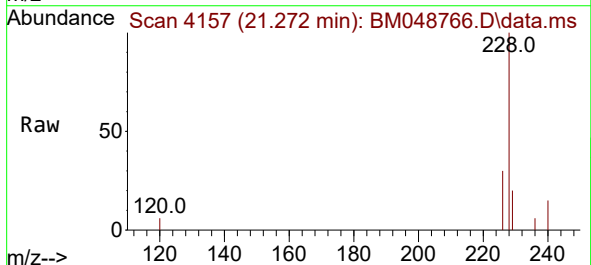
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ClientSampleId :
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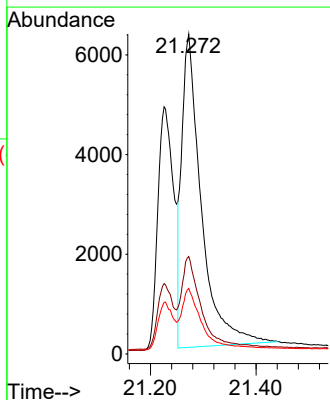
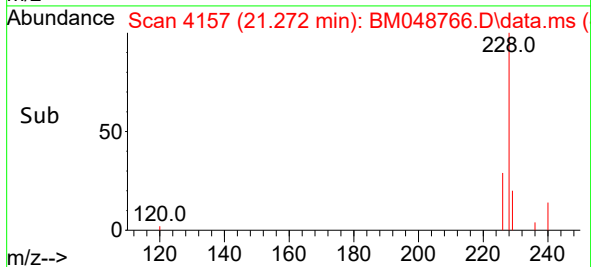
Tgt Ion:228 Resp: 10346
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.5 22.1 33.1

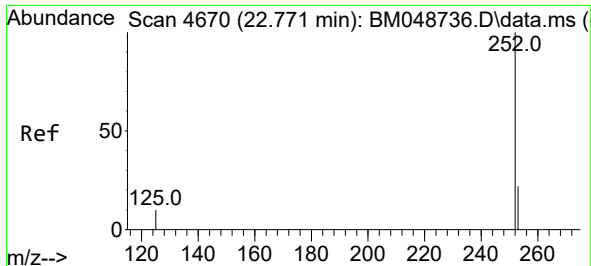


#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.272 min Scan# 4157
Delta R.T. 0.009 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22



Tgt Ion:228 Resp: 16126
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 20.5 16.5 24.7

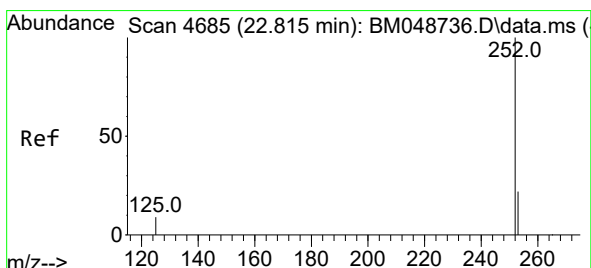
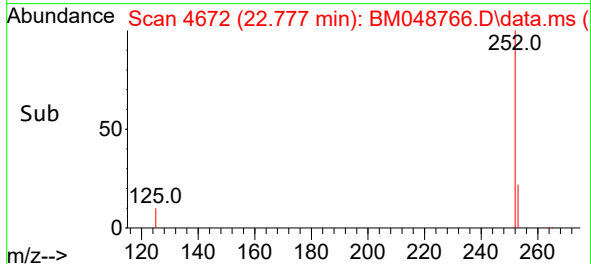
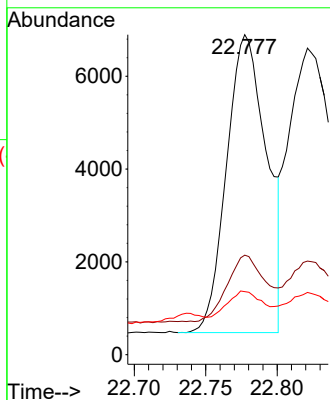
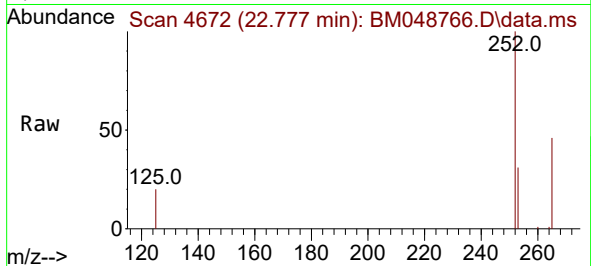




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 22.777 min Scan# 4672
Delta R.T. 0.006 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

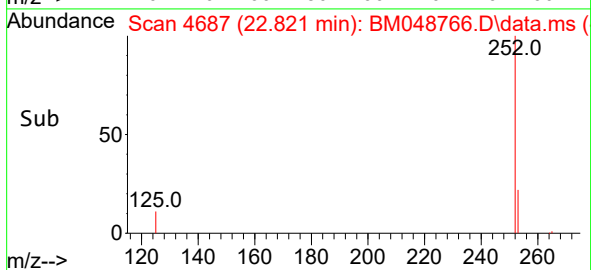
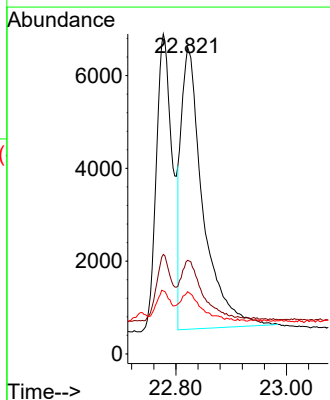
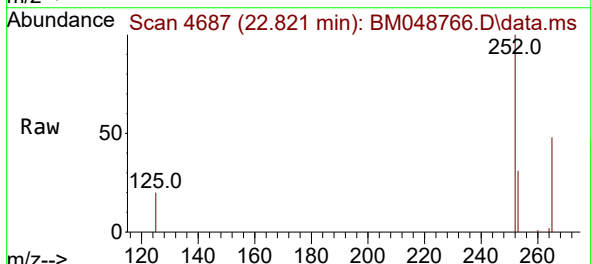
Instrument :
BNA_M
ClientSampleId :
SLCS998

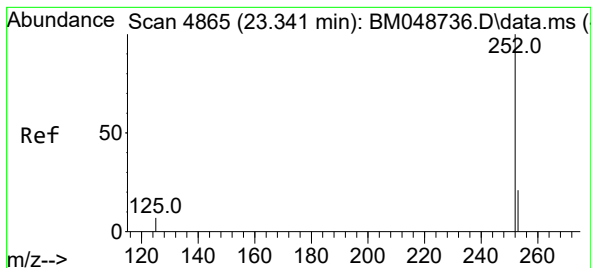
Tgt Ion:252 Resp: 12507
Ion Ratio Lower Upper
252 100
253 31.1 0.0 61.6
125 19.7 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 22.821 min Scan# 4687
Delta R.T. 0.006 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Tgt Ion:252 Resp: 16673
Ion Ratio Lower Upper
252 100
253 30.5 25.0 37.4
125 20.3 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.416 ng/ul

RT: 23.353 min Scan# 4869

Delta R.T. 0.012 min

Lab File: BM048766.D

Acq: 17 Nov 2024 06:22

Instrument :

BNA_M

ClientSampleId :

SLCS998

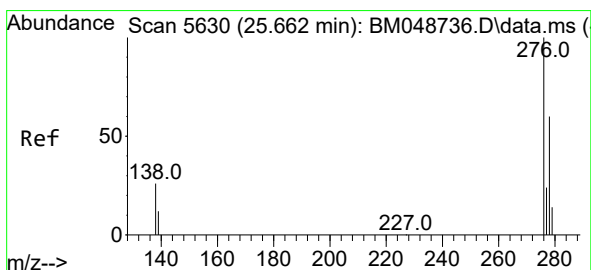
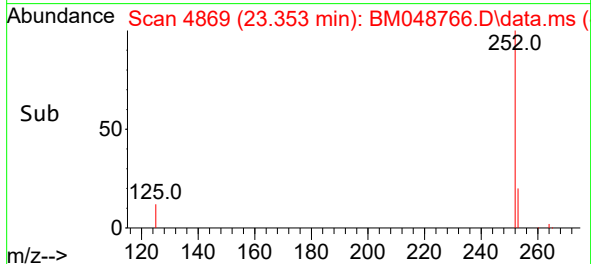
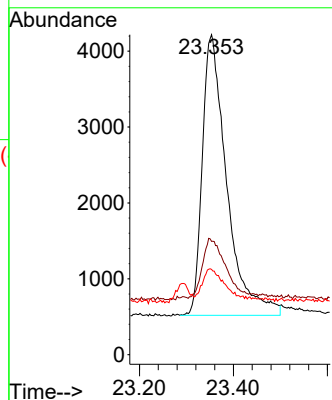
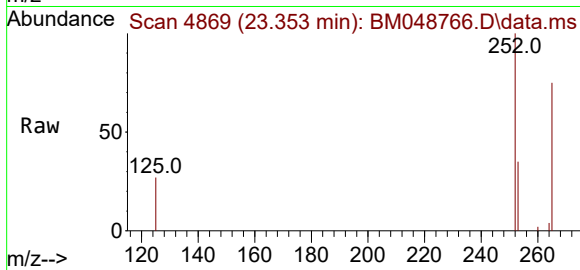
Tgt Ion:252 Resp: 13355

Ion Ratio Lower Upper

252 100

253 35.4 29.6 44.4

125 26.6 23.9 35.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

RT: 25.672 min Scan# 5633

Delta R.T. 0.010 min

Lab File: BM048766.D

Acq: 17 Nov 2024 06:22

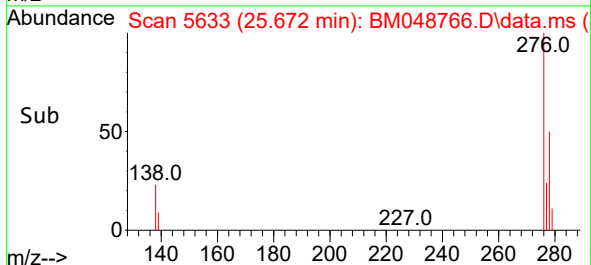
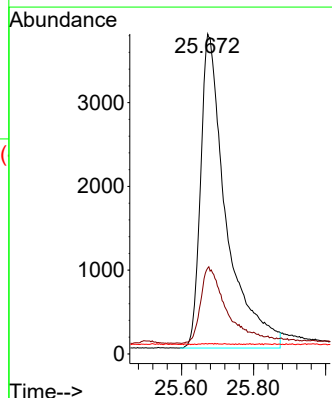
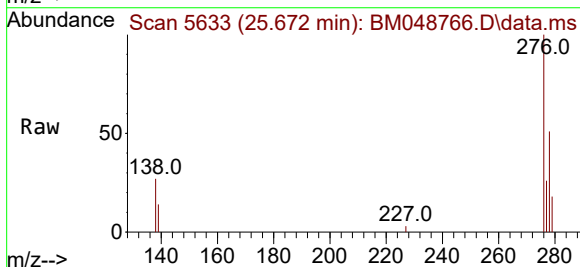
Tgt Ion:276 Resp: 18412

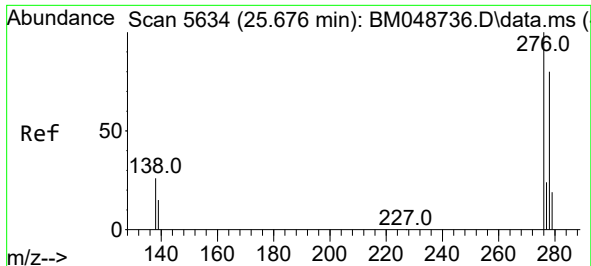
Ion Ratio Lower Upper

276 100

138 25.8 20.1 30.1

227 0.0 0.1 0.1#

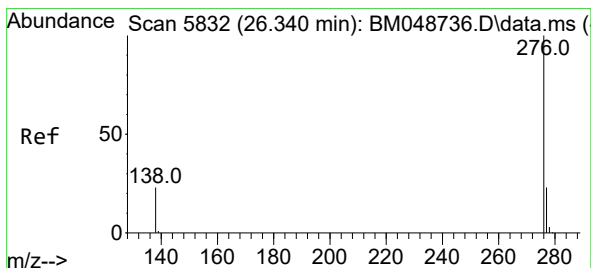
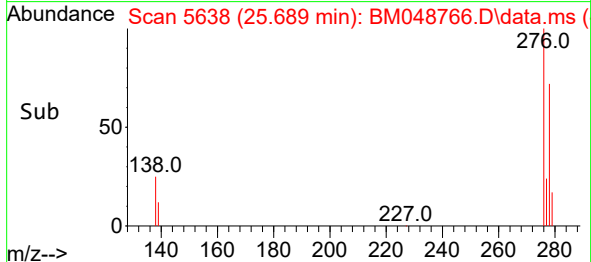
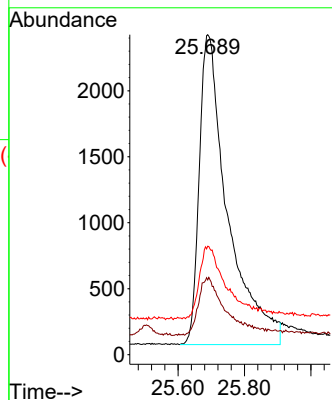
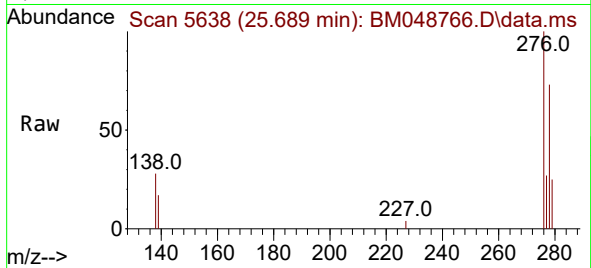




#28
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 25.689 min Scan# 5638
Delta R.T. 0.013 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Instrument :
BNA_M
ClientSampleId :
SLCS998

Tgt Ion:278 Resp: 13947
Ion Ratio Lower Upper
278 100
139 23.3 17.8 26.8
279 33.9 26.6 39.8



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 26.357 min Scan# 5837
Delta R.T. 0.017 min
Lab File: BM048766.D
Acq: 17 Nov 2024 06:22

Tgt Ion:276 Resp: 15778
Ion Ratio Lower Upper
276 100
138 24.7 21.0 31.6
277 26.0 20.5 30.7

