

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048383.D
 Acq On : 01 Nov 2024 07:07
 Operator : RC/JU
 Sample : PB164507BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS507

Quant Time: Nov 03 07:05:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

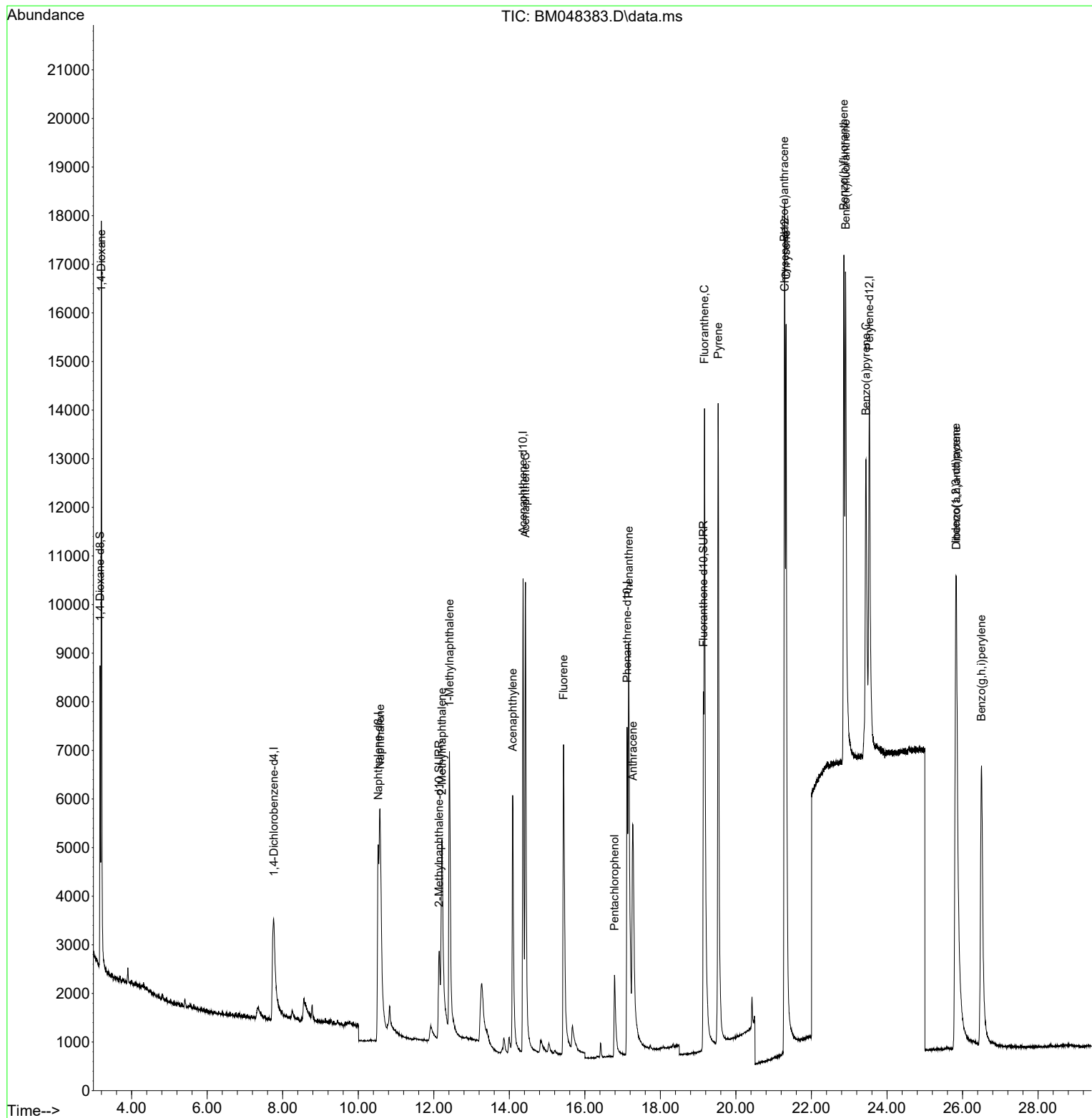
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	3892	0.400	ng/ul	0.01
4) Naphthalene-d8	10.528	136	13553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.362	164	7971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	16564	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	13527	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	13752	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3767	0.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	6232	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	13681	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	9519	1.835	ng/ul#	83
5) Naphthalene	10.578	128	11783	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.217	142	6848	0.325	ng/ul	100
8) 1-Methylnaphthalene	12.415	142	7693	0.343	ng/ul	98
10) Acenaphthylene	14.089	152	10311	0.335	ng/ul	99
11) Acenaphthene	14.427	153	8317	0.337	ng/ul	100
12) Fluorene	15.435	166	8916	0.325	ng/ul	98
14) Pentachlorophenol	16.785	266	2435	0.528	ng/ul	95
15) Phenanthrene	17.161	178	13013	0.316	ng/ul	99
16) Anthracene	17.271	178	12061	0.313	ng/ul	98
19) Fluoranthene	19.168	202	17421	0.374	ng/ul	99
20) Pyrene	19.531	202	18623	0.372	ng/ul	100
21) Benzo(a)anthracene	21.283	228	14331	0.354	ng/ul	100
22) Chrysene	21.327	228	20100	0.360	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	15961	0.340	ng/ul	100
25) Benzo(k)fluoranthene	22.905	252	20226	0.363	ng/ul	99
26) Benzo(a)pyrene	23.440	252	15323	0.347	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.823	276	21006	0.340	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.840	278	16492	0.343	ng/ul	100
29) Benzo(g,h,i)perylene	26.504	276	17826	0.343	ng/ul	100

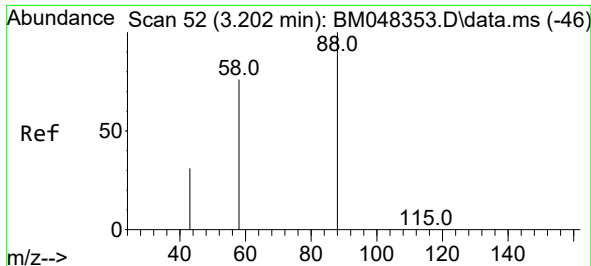
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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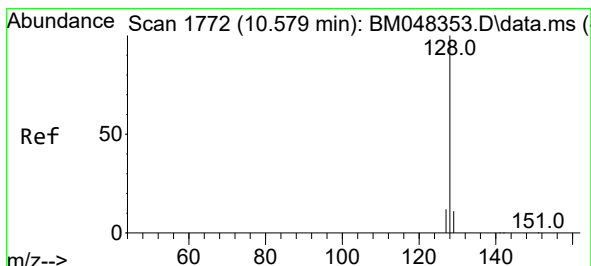
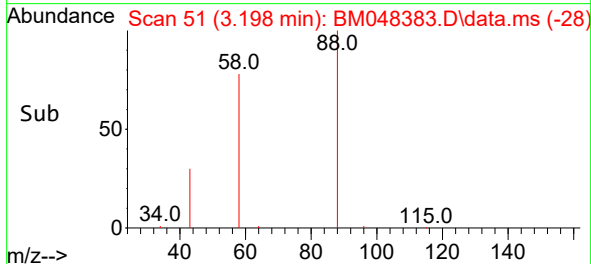
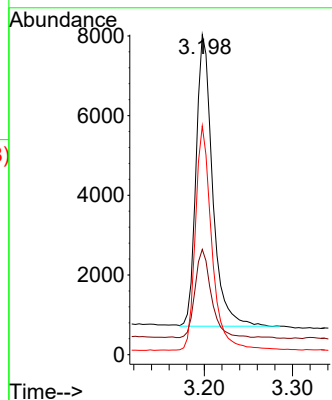
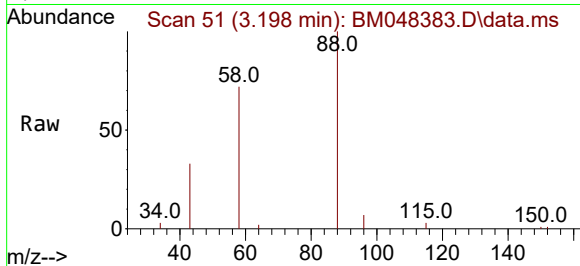




#2
1,4-Dioxane
Concen: 1.835 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

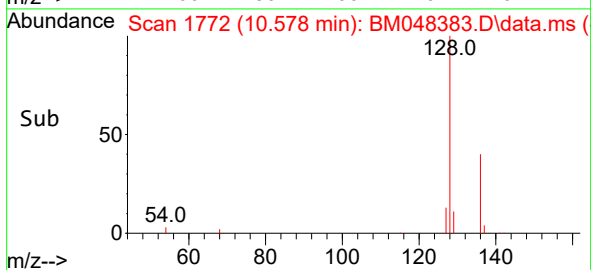
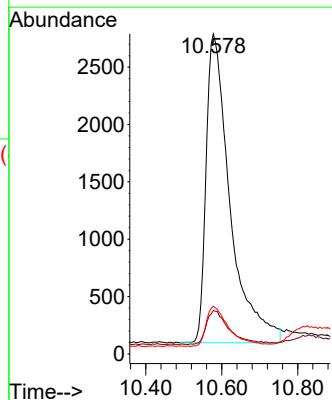
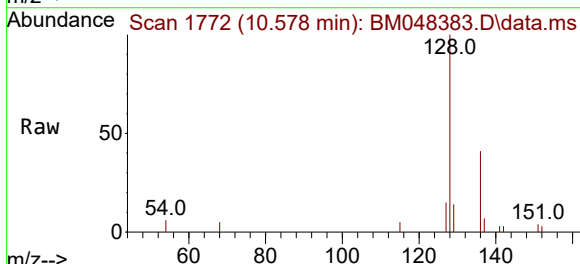
Instrument :
BNA_M
ClientSampleId :
SLCS507

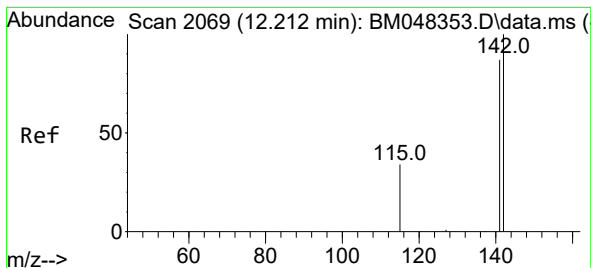
Tgt Ion: 88 Resp: 9519
Ion Ratio Lower Upper
88 100
43 32.9 36.2 54.4#
58 71.5 47.4 71.0#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.578 min Scan# 1772
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion: 128 Resp: 11783
Ion Ratio Lower Upper
128 100
129 13.6 10.6 15.8
127 14.9 11.4 17.2

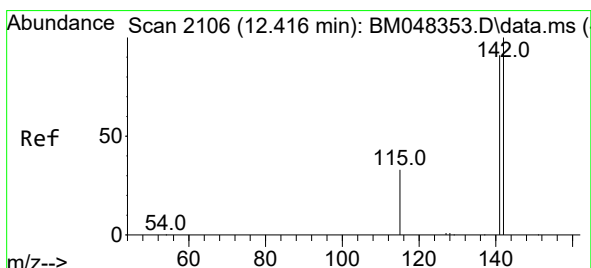
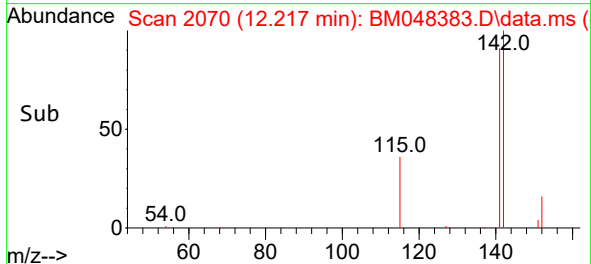
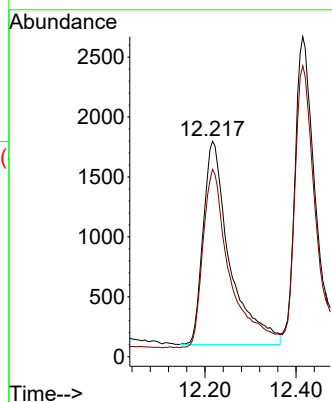
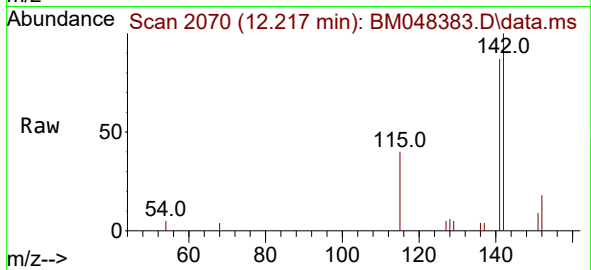




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.217 min Scan# 2069
Delta R.T. 0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

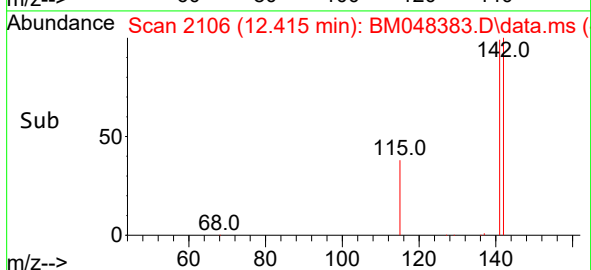
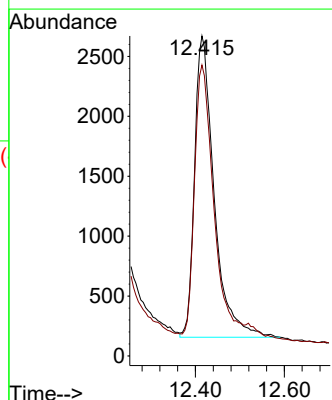
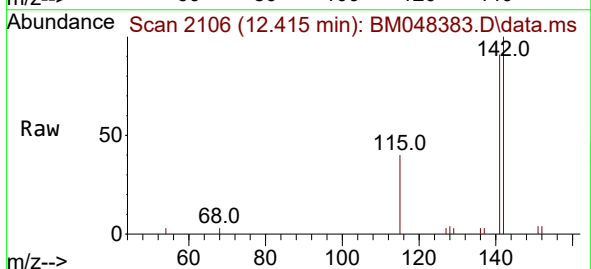
Instrument :
BNA_M
ClientSampleId :
SLCS507

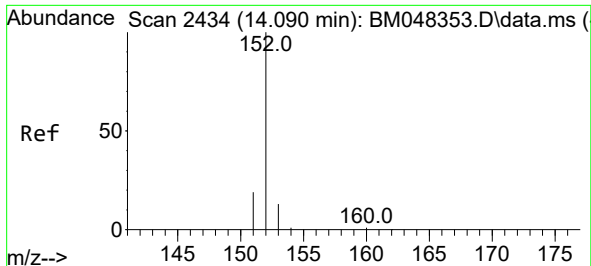
Tgt Ion:142 Resp: 6848
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.415 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:142 Resp: 7693
Ion Ratio Lower Upper
142 100
141 92.7 75.5 113.3

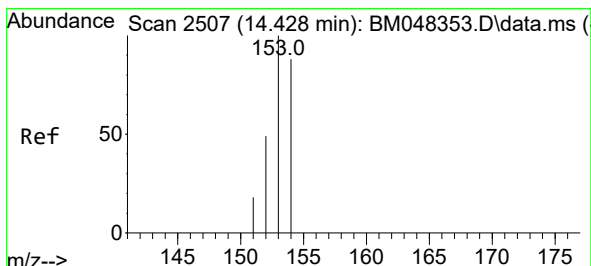
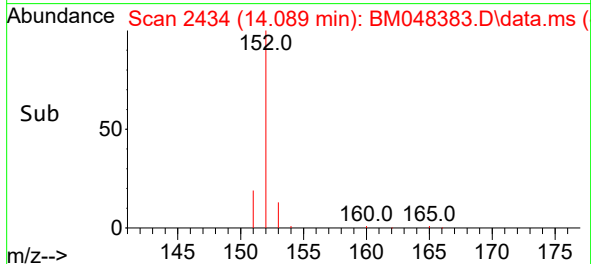
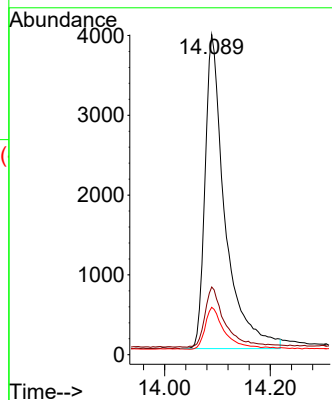
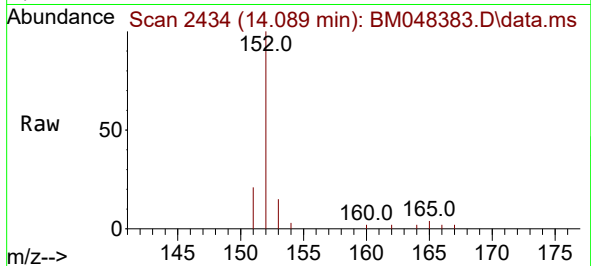




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.089 min Scan# 2434
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

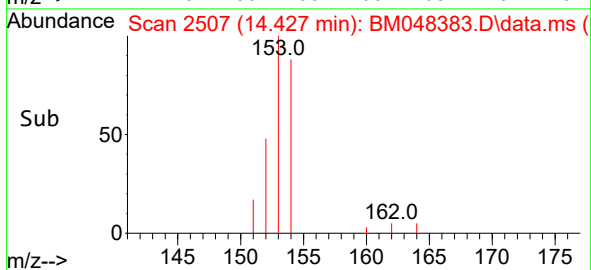
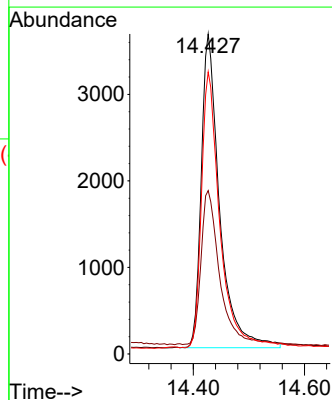
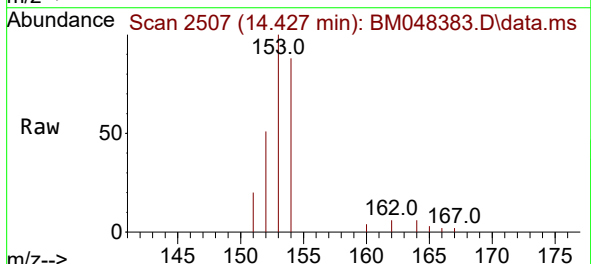
Instrument :
BNA_M
ClientSampleId :
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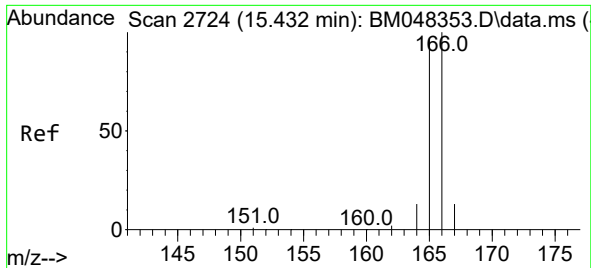
Tgt Ion:152 Resp: 10311
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 14.8 11.8 17.6



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.427 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:153 Resp: 8317
Ion Ratio Lower Upper
153 100
152 51.0 40.7 61.1
154 88.2 70.6 106.0

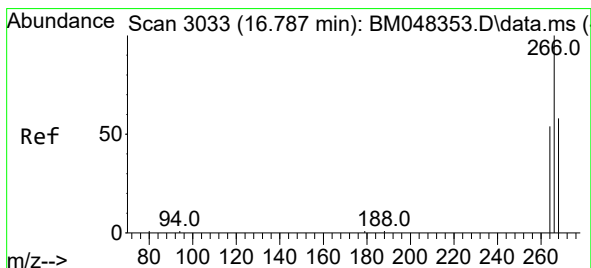
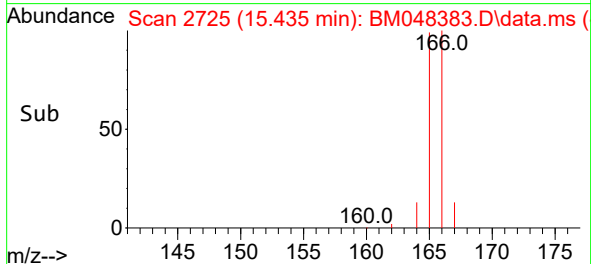
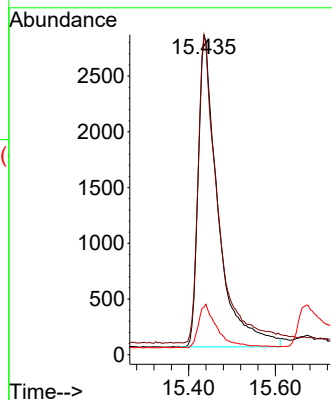
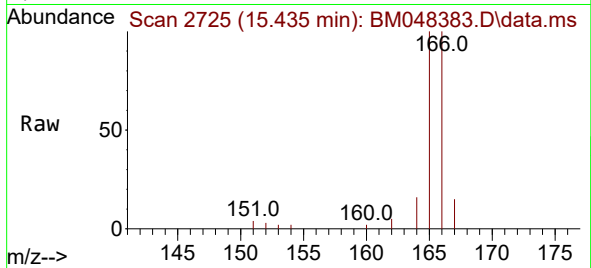




#12
Fluorene
Concen: 0.325 ng/ul
RT: 15.435 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

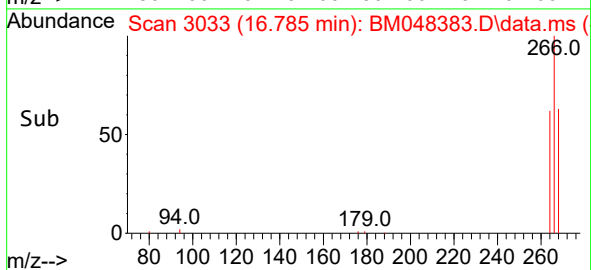
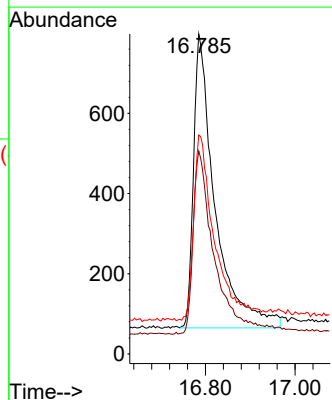
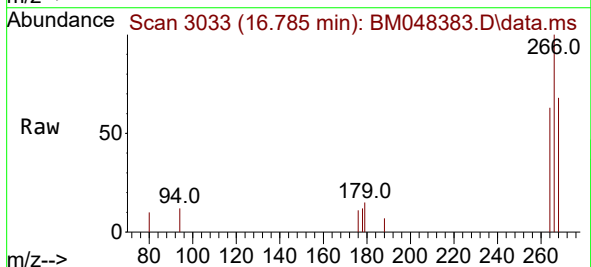
Instrument :
BNA_M
ClientSampleId :
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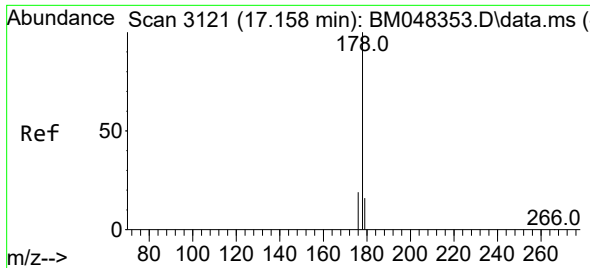
Tgt Ion:166 Resp: 8916
Ion Ratio Lower Upper
166 100
165 100.5 78.6 118.0
167 14.9 12.1 18.1



#14
Pentachlorophenol
Concen: 0.528 ng/ul
RT: 16.785 min Scan# 3033
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:266 Resp: 2435
Ion Ratio Lower Upper
266 100
264 61.4 48.3 72.5
268 63.9 46.2 69.4

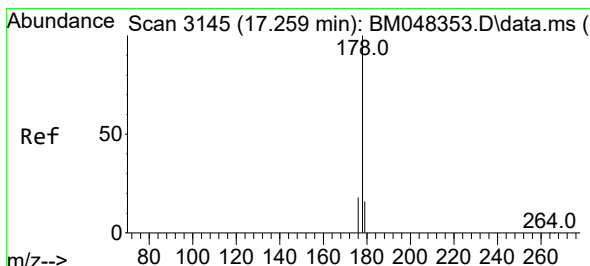
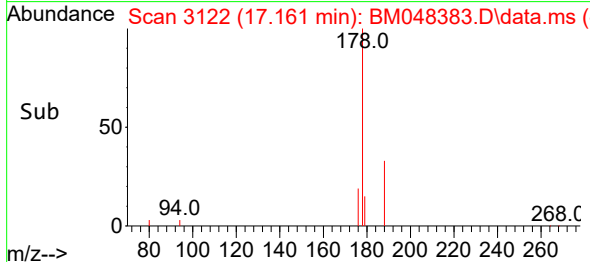
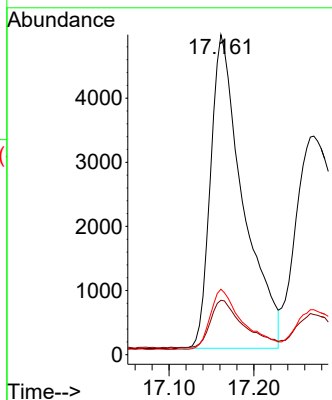
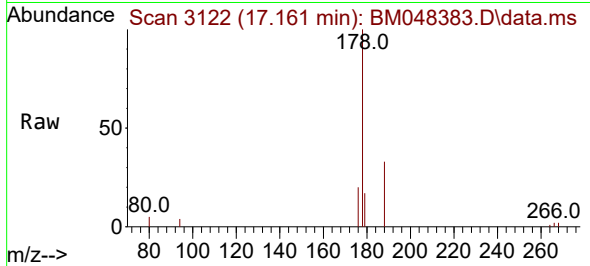




#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.161 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

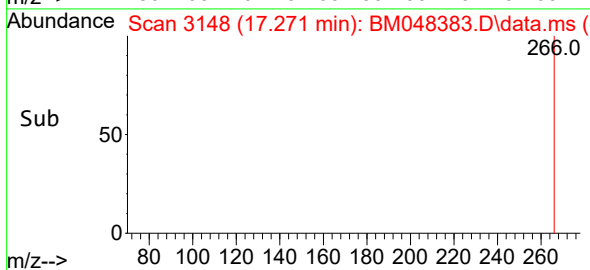
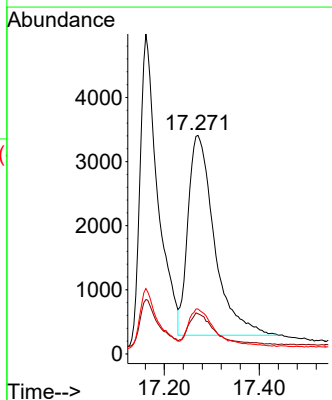
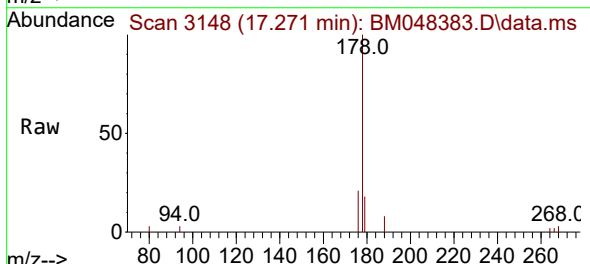
Instrument :
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ClientSampleId :
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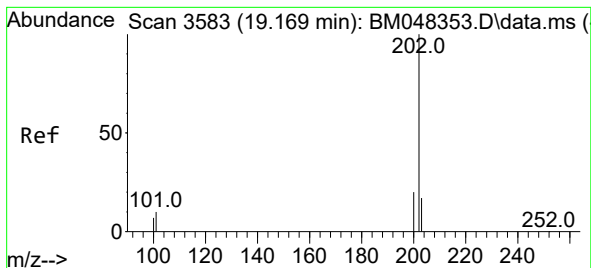
Tgt Ion:178 Resp: 13013
Ion Ratio Lower Upper
178 100
179 17.0 13.9 20.9
176 20.5 16.0 24.0



#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.271 min Scan# 3148
Delta R.T. 0.011 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:178 Resp: 12061
Ion Ratio Lower Upper
178 100
179 18.4 14.2 21.2
176 20.6 15.8 23.6





#19

Fluoranthene

Concen: 0.374 ng/ul

RT: 19.168 min Scan# 3

Delta R.T. -0.001 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

Instrument :

BNA_M

ClientSampleId :

SLCS507

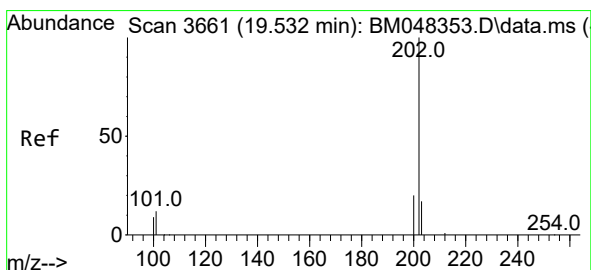
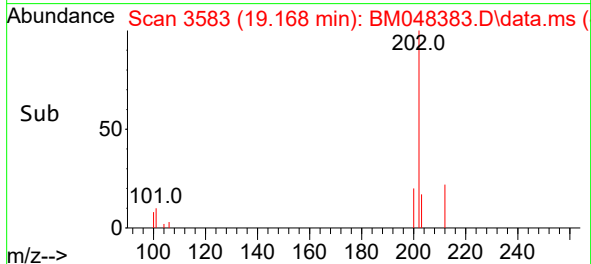
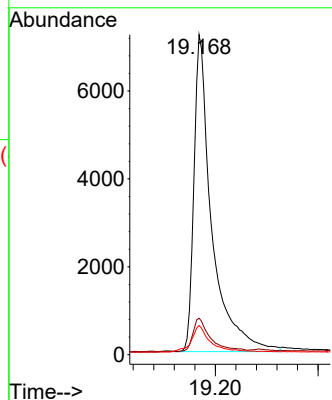
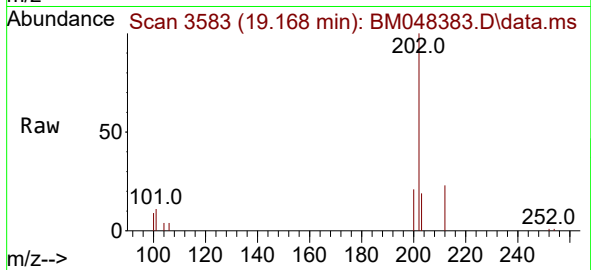
Tgt Ion:202 Resp: 17421

Ion Ratio Lower Upper

202 100

101 11.4 9.0 13.4

100 9.1 6.6 10.0



#20

Pyrene

Concen: 0.372 ng/ul

RT: 19.531 min Scan# 3661

Delta R.T. -0.001 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

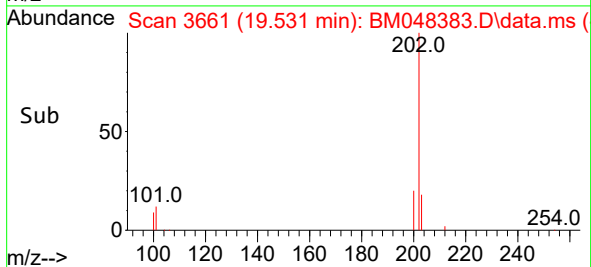
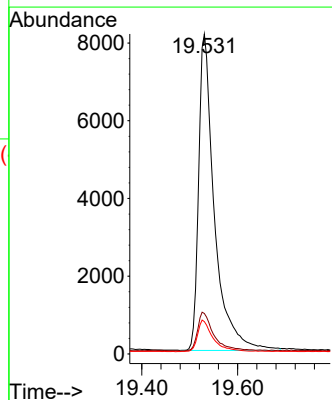
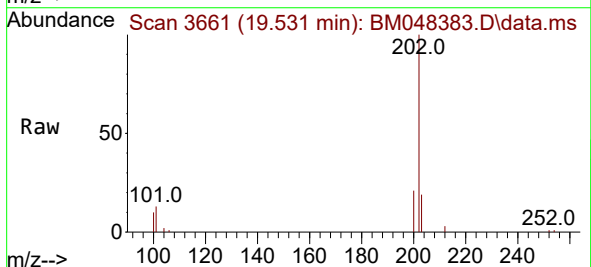
Tgt Ion:202 Resp: 18623

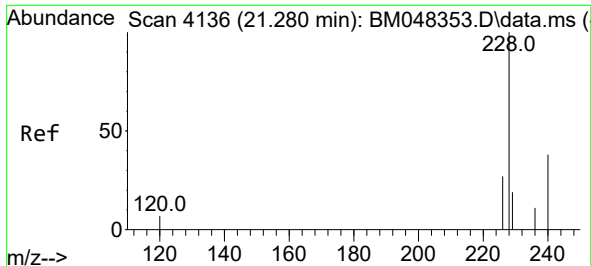
Ion Ratio Lower Upper

202 100

101 12.7 10.0 15.0

100 10.1 8.0 12.0

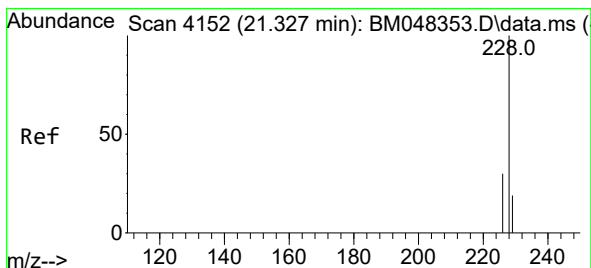
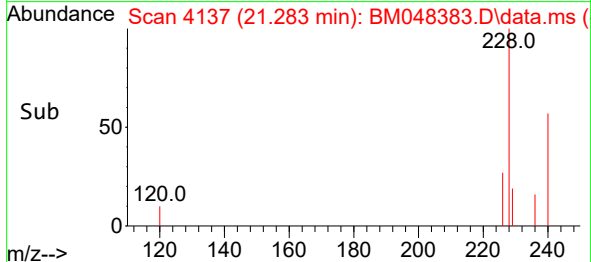
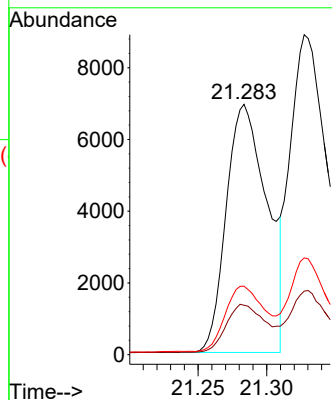
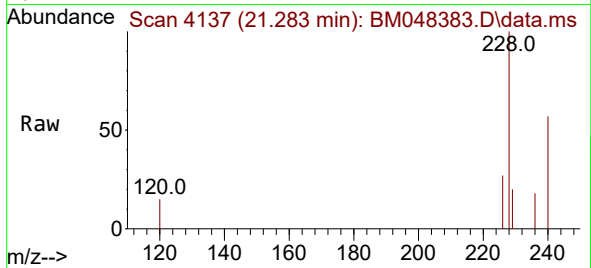




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.283 min Scan# 4137
Delta R.T. 0.003 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

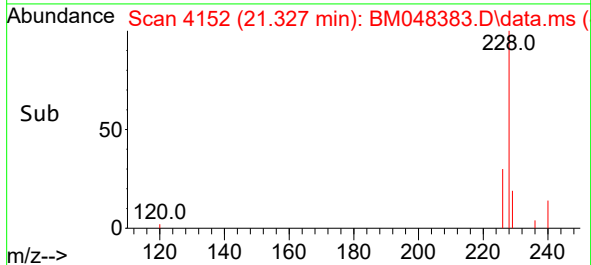
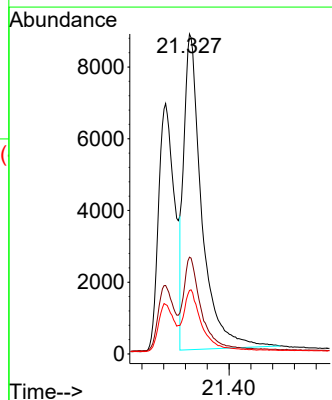
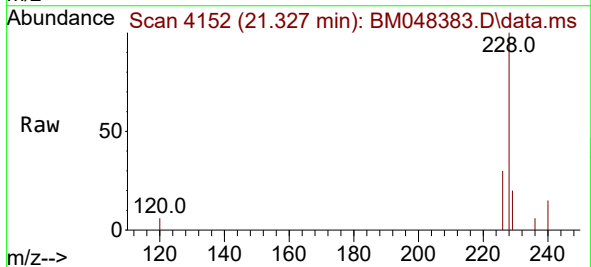
Instrument :
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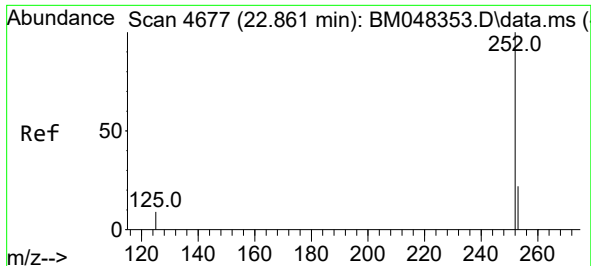
Tgt Ion:228 Resp: 14331
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.327 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:228 Resp: 20100
Ion Ratio Lower Upper
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226 30.3 24.1 36.1
229 19.8 15.9 23.9

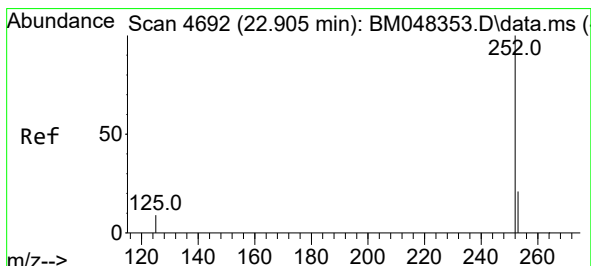
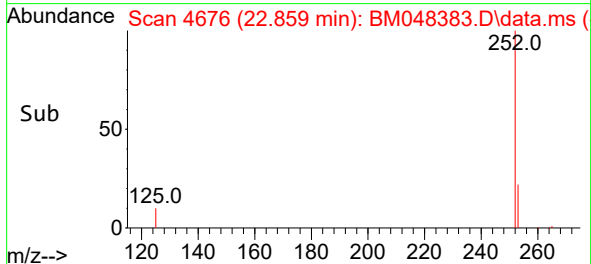
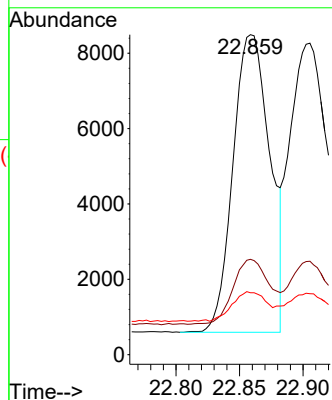
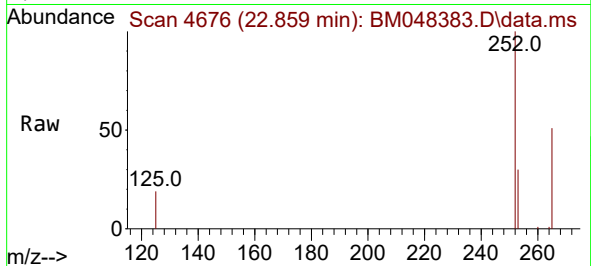




#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 22.859 min Scan# 4676
Delta R.T. -0.002 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

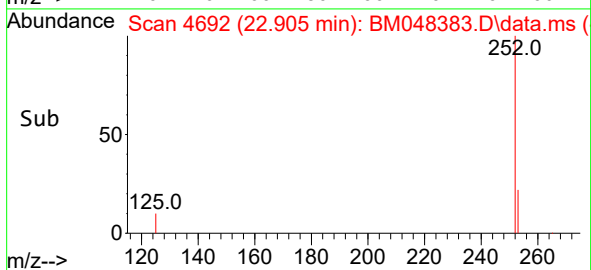
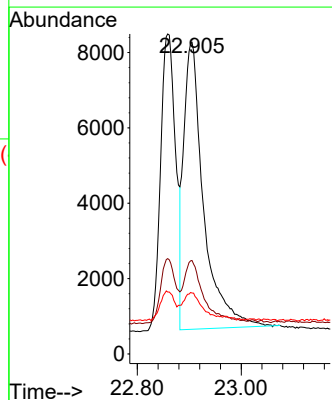
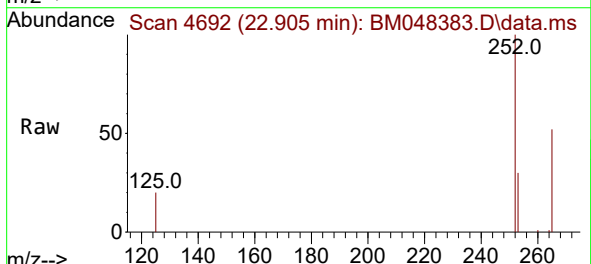
Instrument :
BNA_M
ClientSampleId :
SLCS507

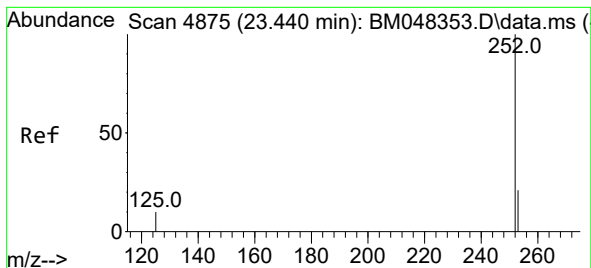
Tgt Ion:252 Resp: 15961
Ion Ratio Lower Upper
252 100
253 29.8 0.0 59.4
125 19.4 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.905 min Scan# 4692
Delta R.T. 0.000 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:252 Resp: 20226
Ion Ratio Lower Upper
252 100
253 30.0 23.4 35.0
125 19.5 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.347 ng/ul

RT: 23.440 min Scan# 4875

Delta R.T. 0.000 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

Instrument :

BNA_M

ClientSampleId :

SLCS507

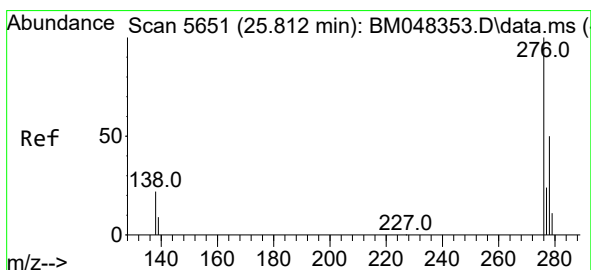
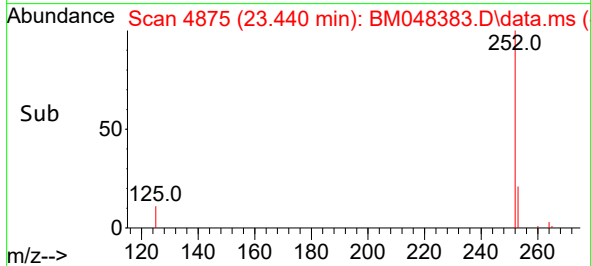
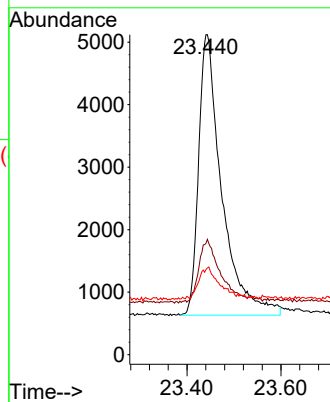
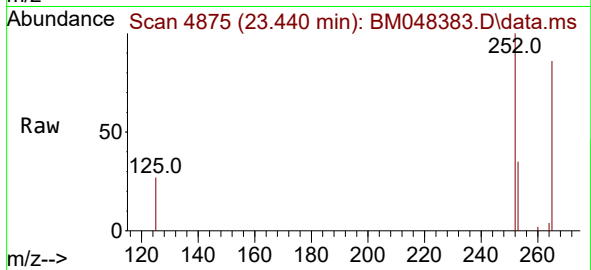
Tgt Ion:252 Resp: 15323

Ion Ratio Lower Upper

252 100

253 34.8 27.7 41.5

125 26.6 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.340 ng/ul

RT: 25.823 min Scan# 5654

Delta R.T. 0.011 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

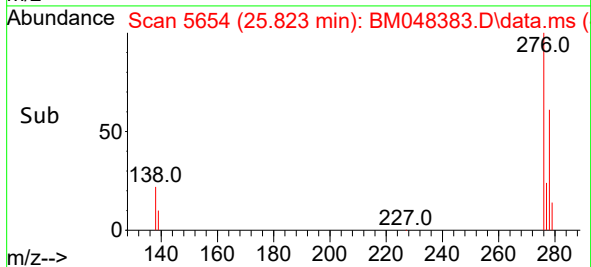
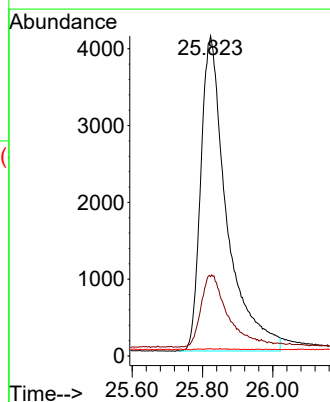
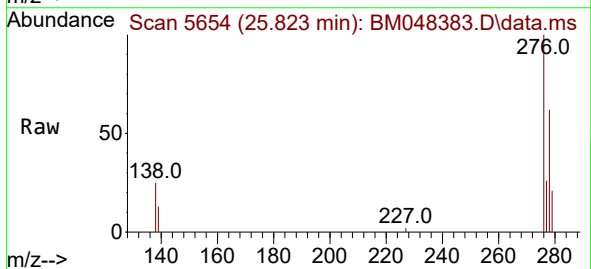
Tgt Ion:276 Resp: 21006

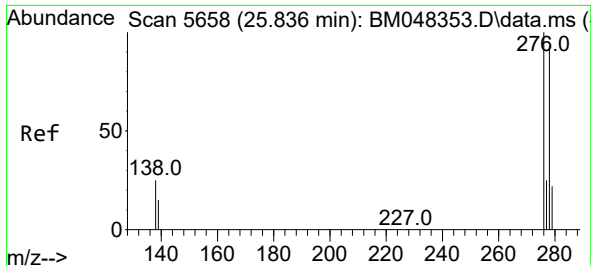
Ion Ratio Lower Upper

276 100

138 24.3 19.6 29.4

227 0.1 0.1 0.1#

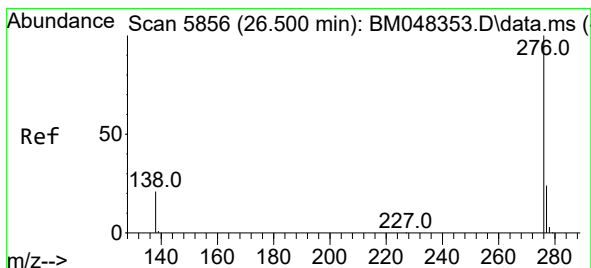
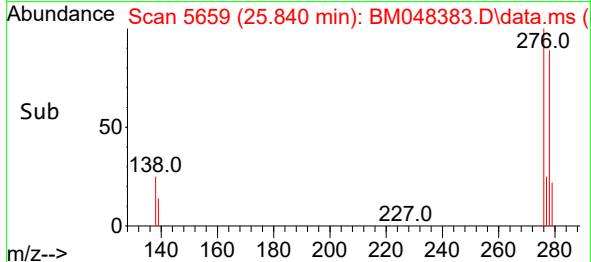
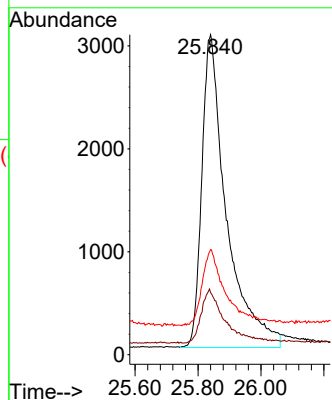
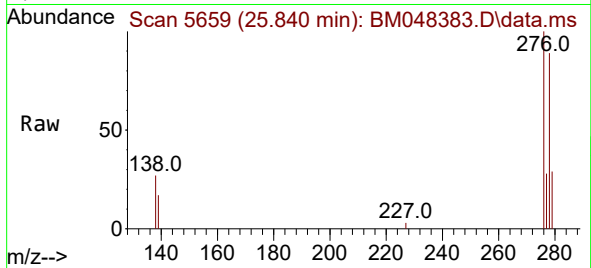




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.840 min Scan# 5658
Delta R.T. 0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Instrument :
BNA_M
ClientSampleId :
SLCS507

Tgt Ion:278 Resp: 16492
Ion Ratio Lower Upper
278 100
139 19.4 15.6 23.4
279 32.9 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.504 min Scan# 5857
Delta R.T. 0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:276 Resp: 17826
Ion Ratio Lower Upper
276 100
138 23.8 19.0 28.6
277 25.6 20.6 31.0

