

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048418.D
 Acq On : 02 Nov 2024 05:37
 Operator : RC/JU
 Sample : PB164513BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS513

Quant Time: Nov 03 21:52:41 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)

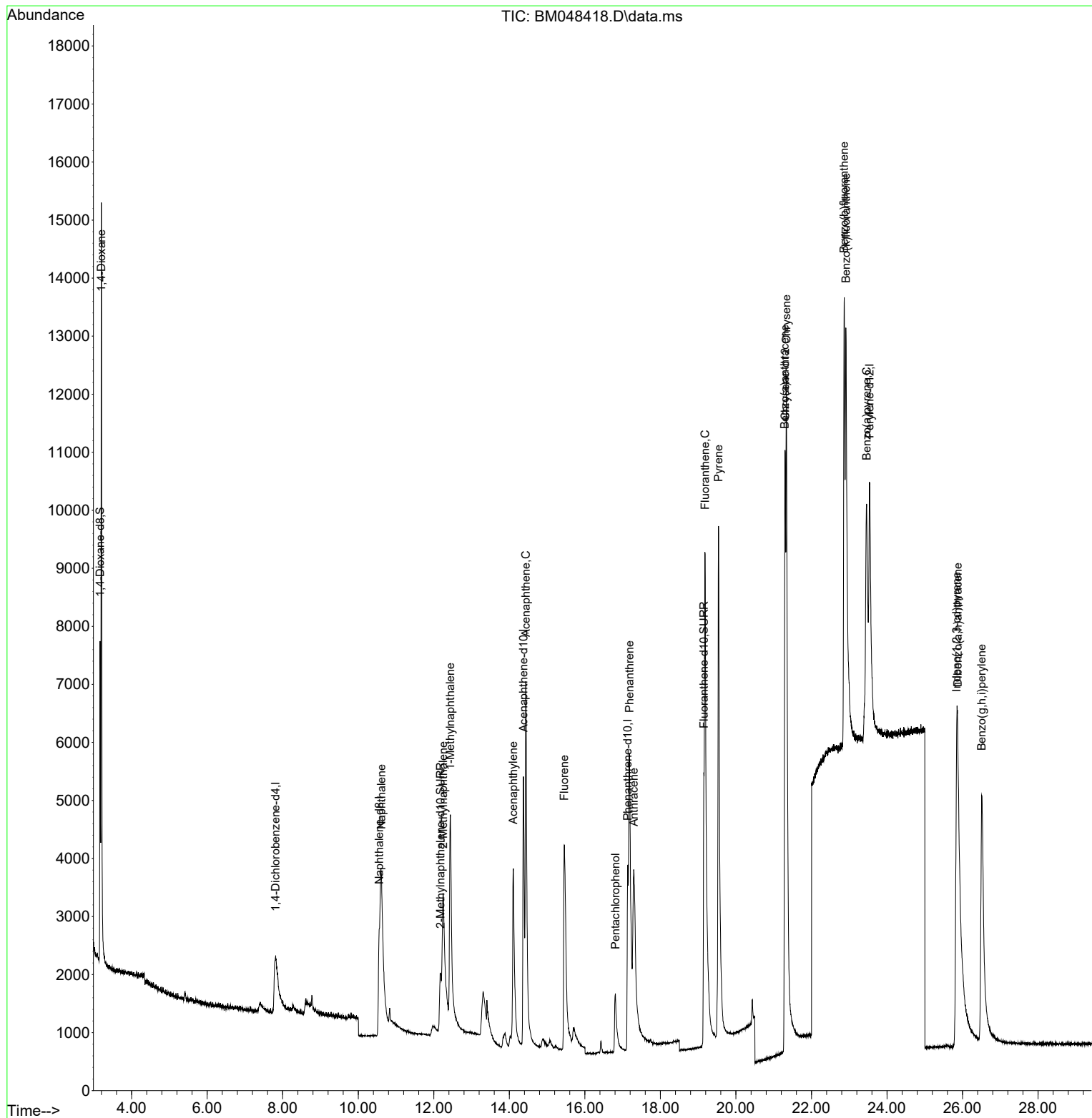
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	2114	0.400	ng/ul	# 0.06
4) Naphthalene-d8	10.557	136	8822	0.400	ng/ul	# 0.03
9) Acenaphthene-d10	14.372	164	5160	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.133	188	11037	0.400	ng/ul	0.01
17) Chrysene-d12	21.303	240	8899	0.400	ng/ul	0.01
23) Perylene-d12	23.539	264	8588	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3370	1.298	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	4700	0.419	ng/ul	0.04
18) Fluoranthene-d10	19.151	212	11713	0.518	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	8459	3.003	ng/ul#	83
5) Naphthalene	10.612	128	8916	0.387	ng/ul	97
7) 2-Methylnaphthalene	12.245	142	4834	0.352	ng/ul	98
8) 1-Methylnaphthalene	12.438	142	5904	0.404	ng/ul	98
10) Acenaphthylene	14.104	152	7689	0.385	ng/ul	98
11) Acenaphthene	14.437	153	6481	0.405	ng/ul	98
12) Fluorene	15.455	166	7026	0.395	ng/ul	100
14) Pentachlorophenol	16.808	266	1872	0.609	ng/ul	93
15) Phenanthrene	17.179	178	10089	0.368	ng/ul	97
16) Anthracene	17.297	178	8864	0.345	ng/ul	95
19) Fluoranthene	19.183	202	14534	0.474	ng/ul	98
20) Pyrene	19.536	202	15764	0.479	ng/ul	98
21) Benzo(a)anthracene	21.295	228	9858	0.370	ng/ul	99
22) Chrysene	21.336	228	18799	0.512	ng/ul	100
24) Benzo(b)fluoranthene	22.867	252	13382	0.456	ng/ul	98
25) Benzo(k)fluoranthene	22.911	252	17831	0.513	ng/ul	96
26) Benzo(a)pyrene	23.460	252	13181	0.478	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.842	276	17103	0.444	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.873	278	13030	0.434	ng/ul	94
29) Benzo(g,h,i)perylene	26.506	276	15383	0.474	ng/ul	99

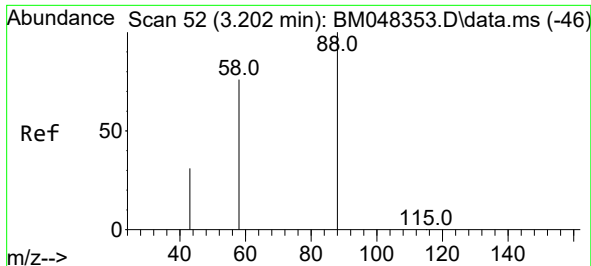
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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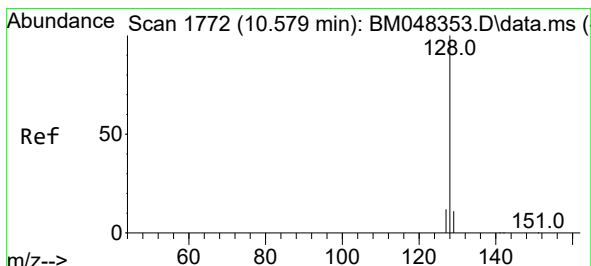
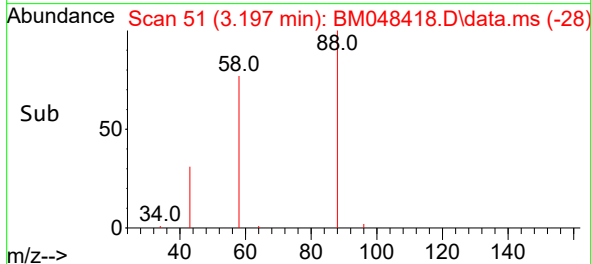
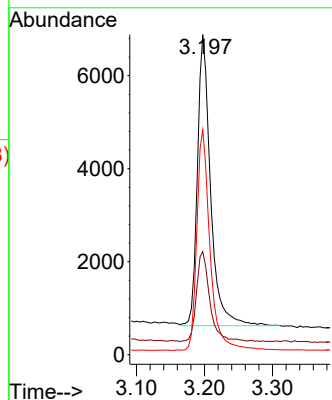
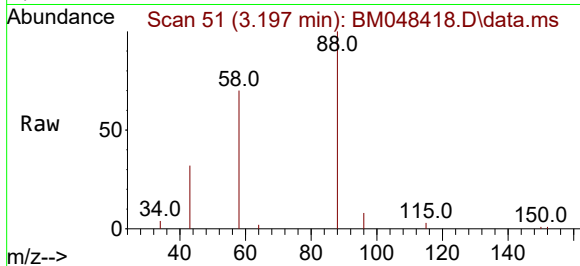




#2
1,4-Dioxane
Concen: 3.003 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

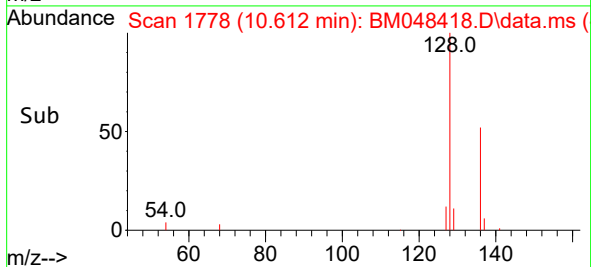
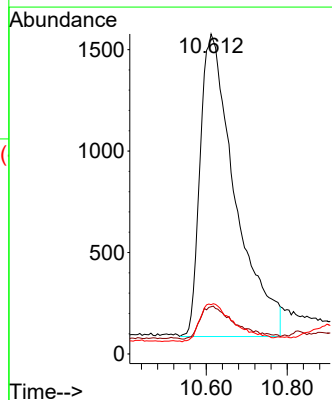
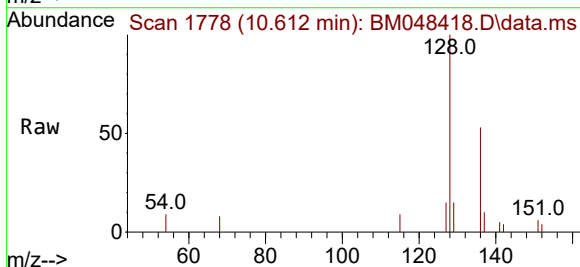
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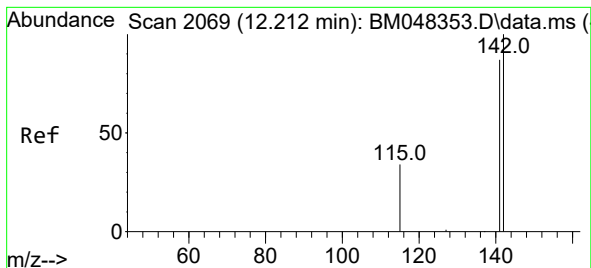
Tgt Ion: 88 Resp: 8459
Ion Ratio Lower Upper
88 100
43 32.2 36.2 54.4#
58 70.3 47.4 71.0



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.612 min Scan# 1778
Delta R.T. 0.033 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion: 128 Resp: 8916
Ion Ratio Lower Upper
128 100
129 14.8 10.6 15.8
127 15.4 11.4 17.2

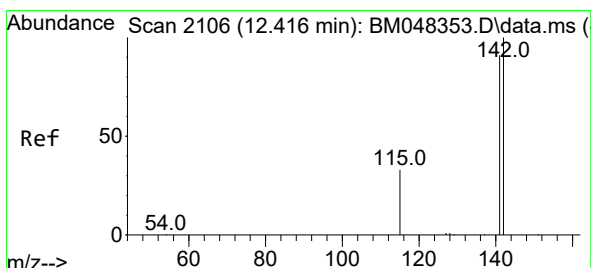
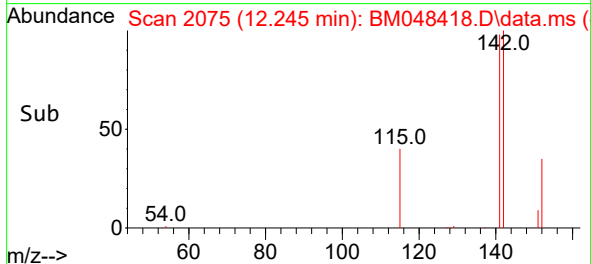
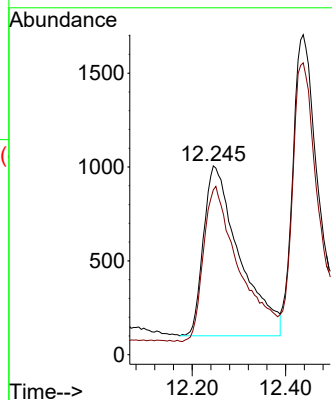
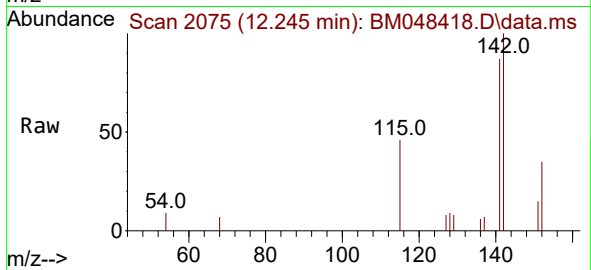




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.245 min Scan# 2069
Delta R.T. 0.033 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

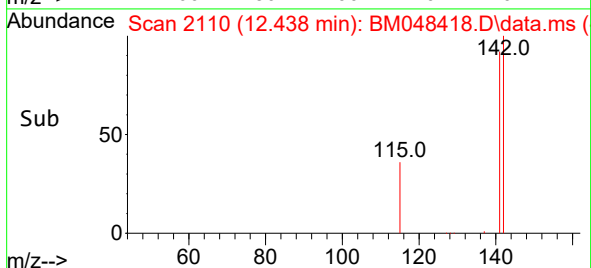
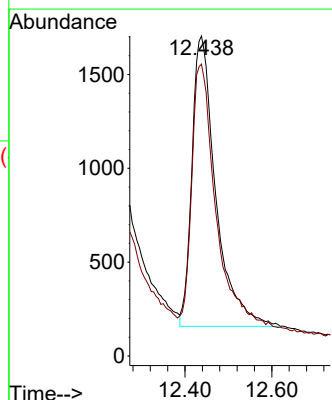
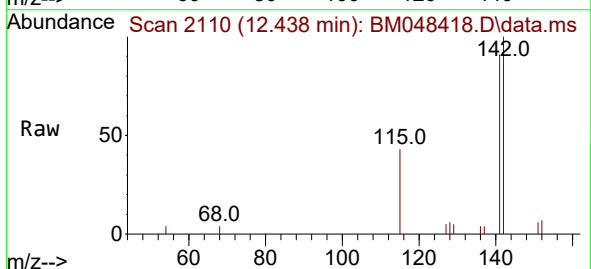
Instrument :
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ClientSampleId :
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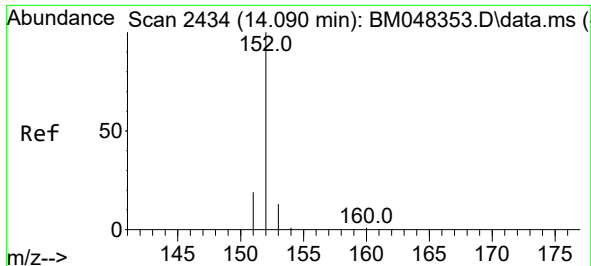
Tgt Ion:142 Resp: 4834
Ion Ratio Lower Upper
142 100
141 91.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.438 min Scan# 2110
Delta R.T. 0.022 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:142 Resp: 5904
Ion Ratio Lower Upper
142 100
141 92.5 75.5 113.3

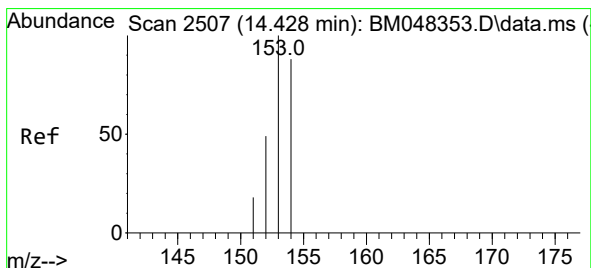
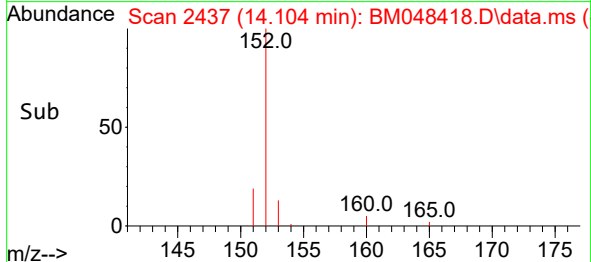
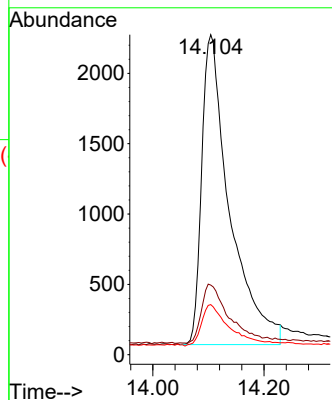
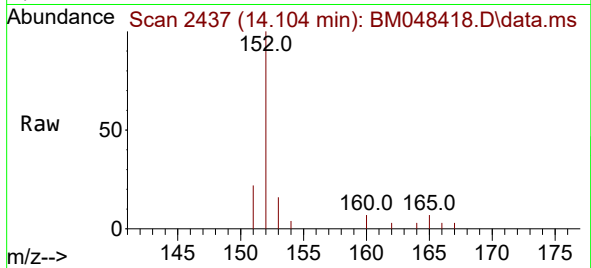




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 14.104 min Scan# 2437
Delta R.T. 0.014 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

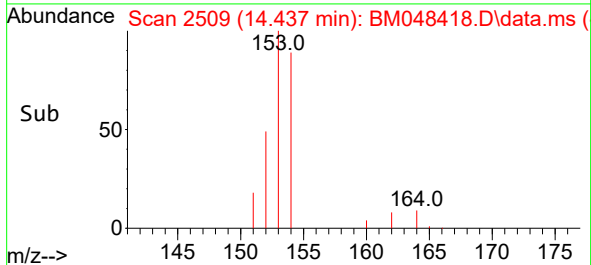
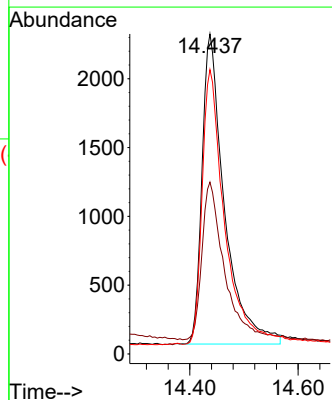
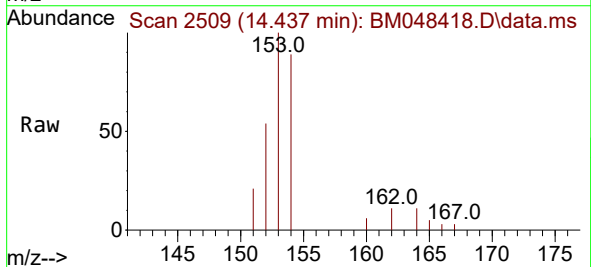
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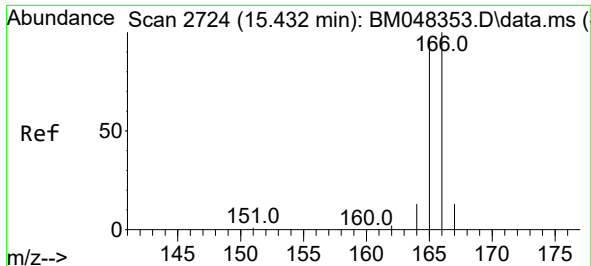
Tgt Ion:152 Resp: 7689
Ion Ratio Lower Upper
152 100
151 21.8 16.6 24.8
153 15.6 11.8 17.6



#11
Acenaphthene
Concen: 0.405 ng/ul
RT: 14.437 min Scan# 2509
Delta R.T. 0.009 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:153 Resp: 6481
Ion Ratio Lower Upper
153 100
152 53.7 40.7 61.1
154 88.9 70.6 106.0

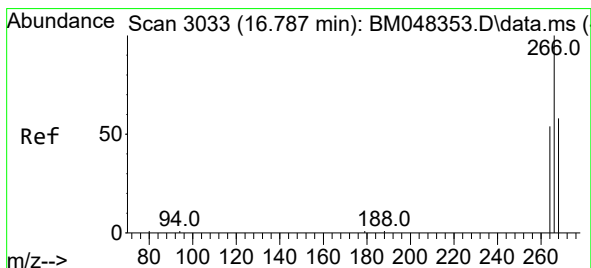
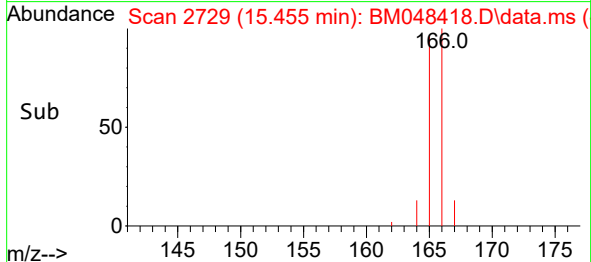
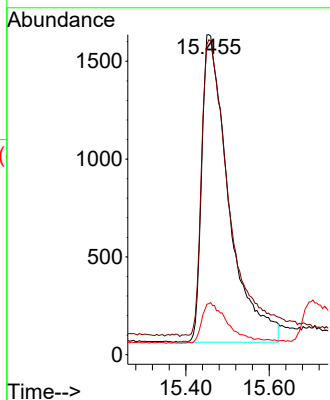
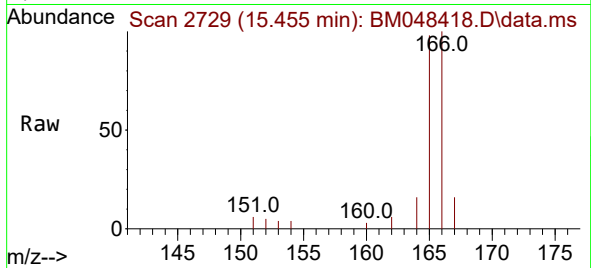




#12
 Fluorene
 Concen: 0.395 ng/ul
 RT: 15.455 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BM048418.D
 Acq: 02 Nov 2024 05:37

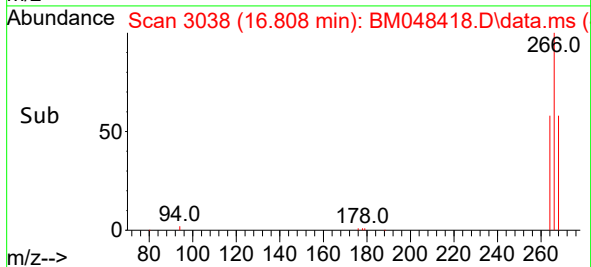
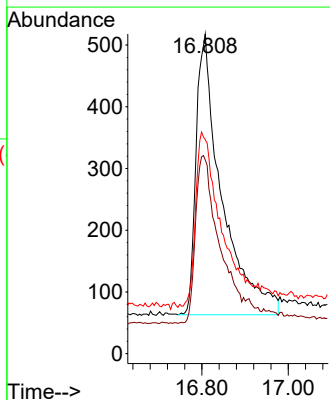
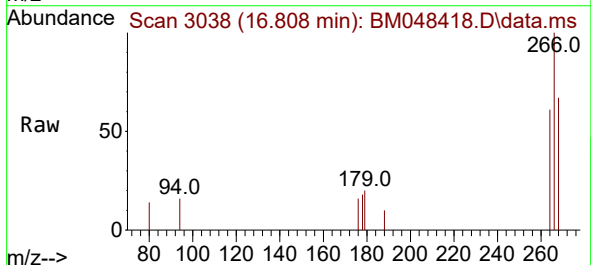
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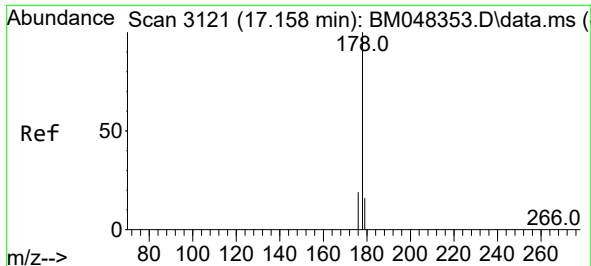
Tgt Ion:166 Resp: 7026
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.6 118.0
 167 16.0 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.609 ng/ul
 RT: 16.808 min Scan# 3038
 Delta R.T. 0.021 min
 Lab File: BM048418.D
 Acq: 02 Nov 2024 05:37

Tgt Ion:266 Resp: 1872
 Ion Ratio Lower Upper
 266 100
 264 61.8 48.3 72.5
 268 67.6 46.2 69.4

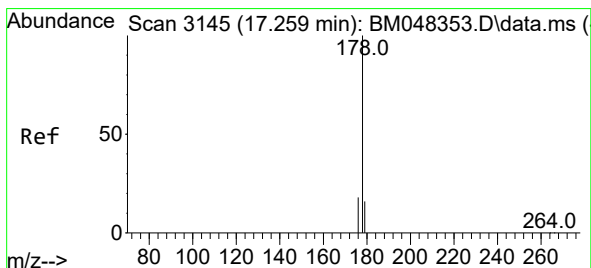
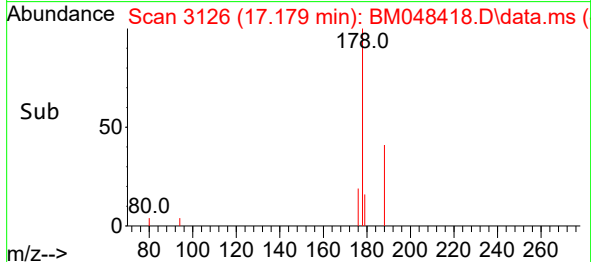
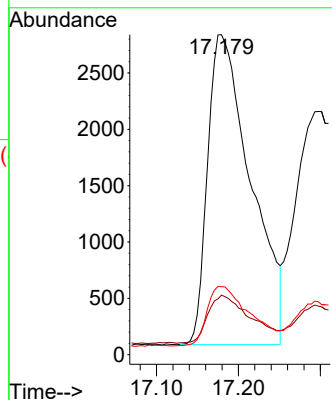
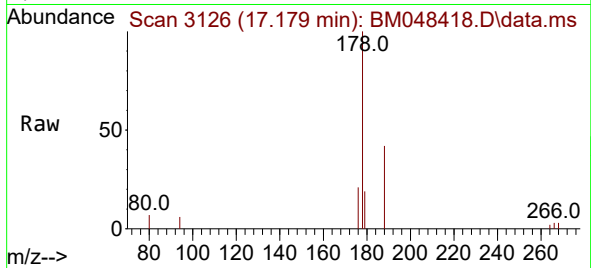




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.179 min Scan# 3126
Delta R.T. 0.021 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

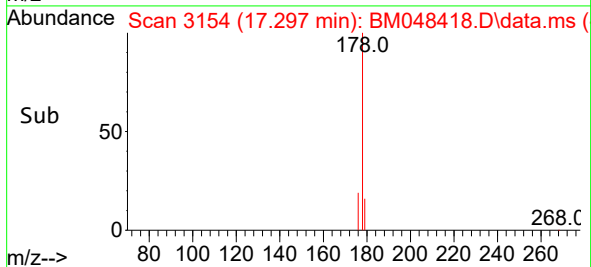
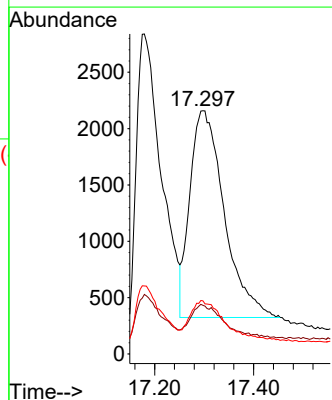
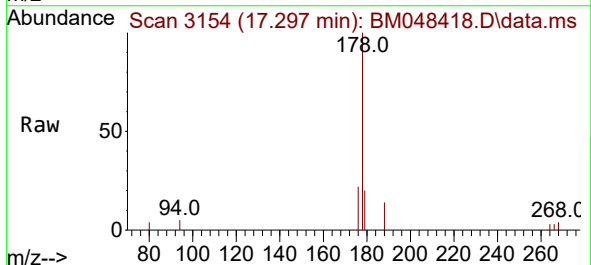
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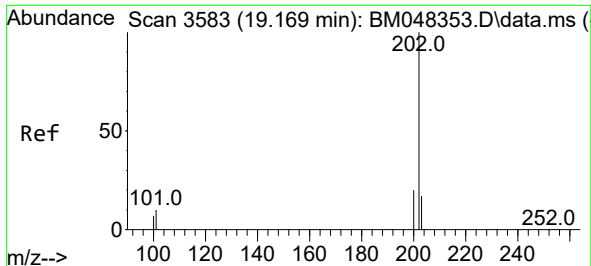
Tgt Ion:178 Resp: 10089
Ion Ratio Lower Upper
178 100
179 18.6 13.9 20.9
176 21.2 16.0 24.0



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.297 min Scan# 3154
Delta R.T. 0.038 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:178 Resp: 8864
Ion Ratio Lower Upper
178 100
179 20.0 14.2 21.2
176 21.8 15.8 23.6

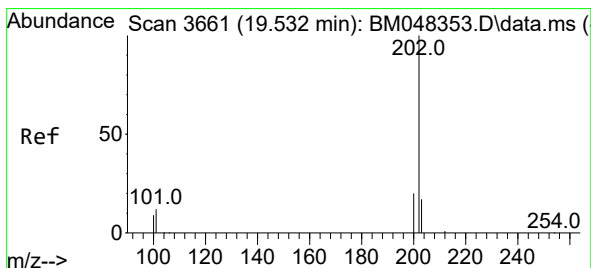
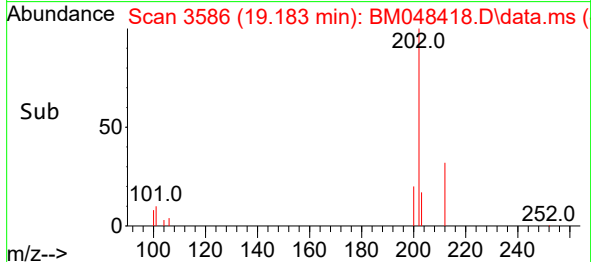
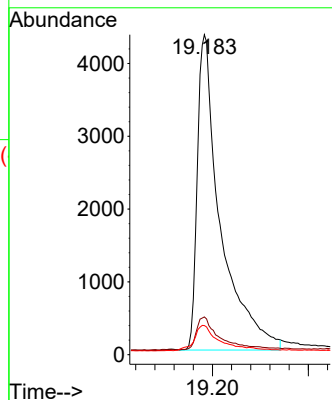
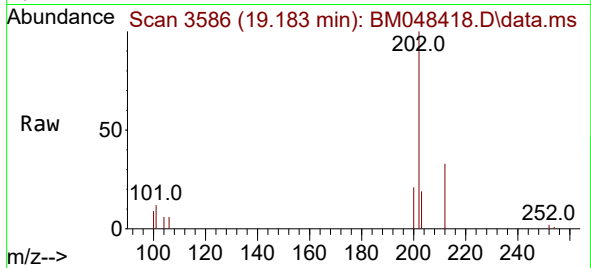




#19
Fluoranthene
Concen: 0.474 ng/ul
RT: 19.183 min Scan# 3586
Delta R.T. 0.014 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

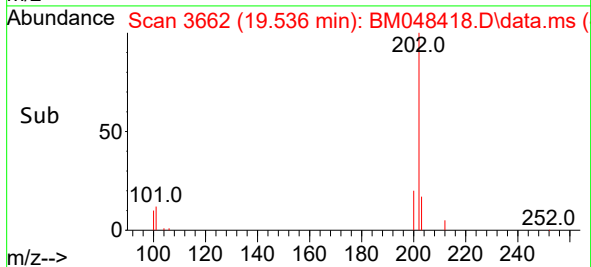
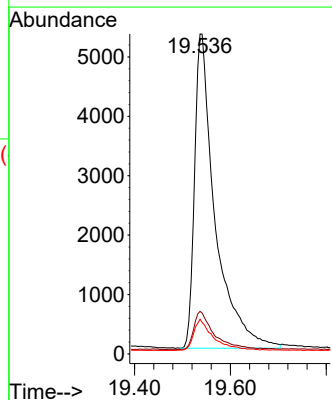
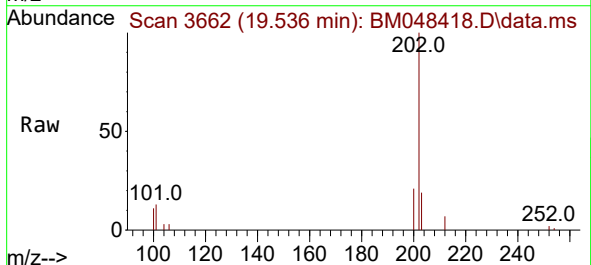
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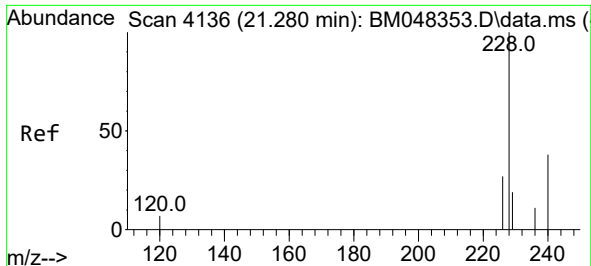
Tgt Ion:202 Resp: 14534
Ion Ratio Lower Upper
202 100
101 11.8 9.0 13.4
100 9.1 6.6 10.0



#20
Pyrene
Concen: 0.479 ng/ul
RT: 19.536 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

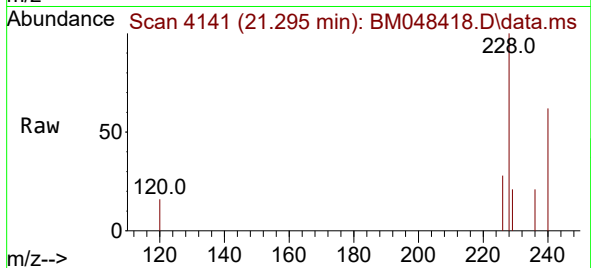
Tgt Ion:202 Resp: 15764
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.9 8.0 12.0



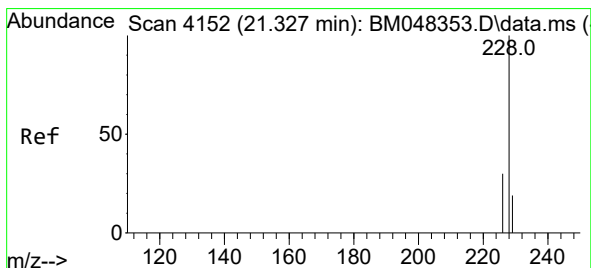
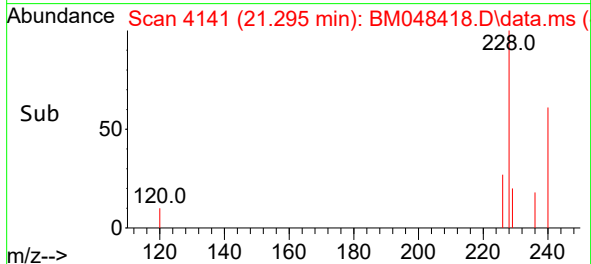
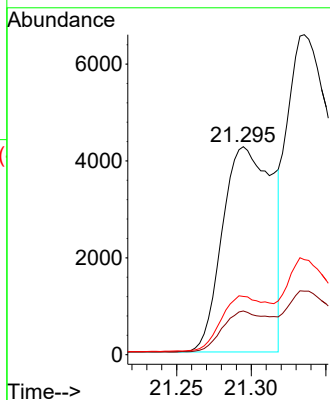


#21
Benzo(a)anthracene
Concen: 0.370 ng/ul
RT: 21.295 min Scan# 4141
Delta R.T. 0.015 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
SLCS513

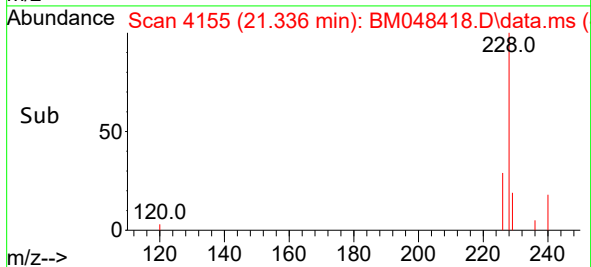
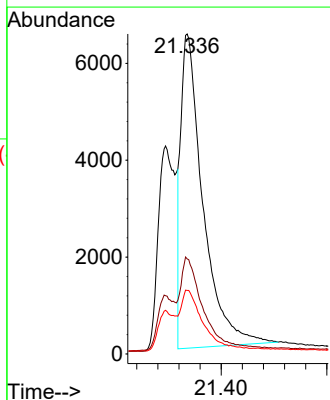
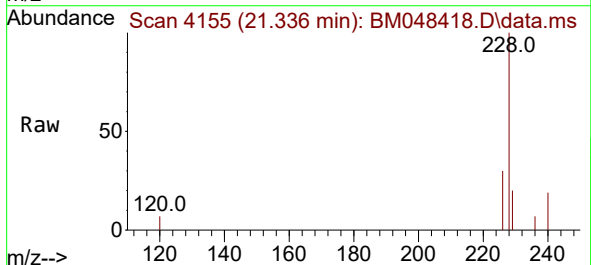


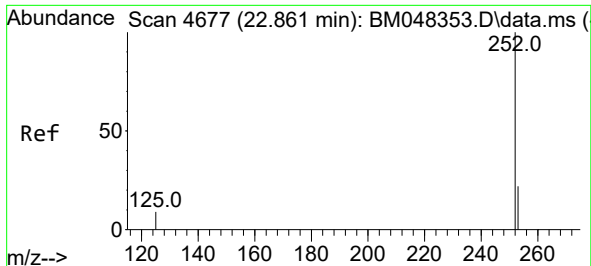
Tgt Ion:228 Resp: 9858
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.512 ng/ul
RT: 21.336 min Scan# 4155
Delta R.T. 0.009 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:228 Resp: 18799
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 19.9 15.9 23.9

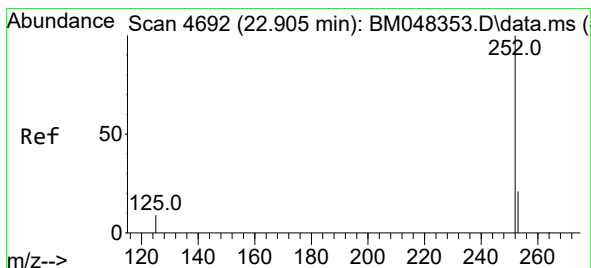
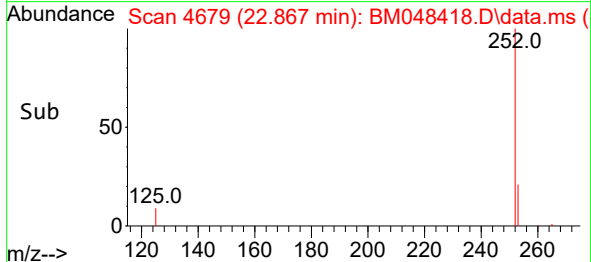
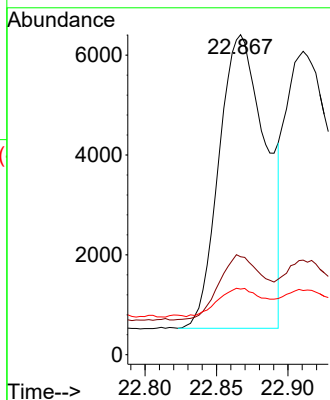
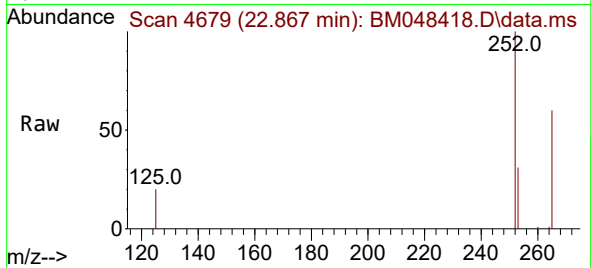




#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 22.867 min Scan# 4679
Delta R.T. 0.006 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

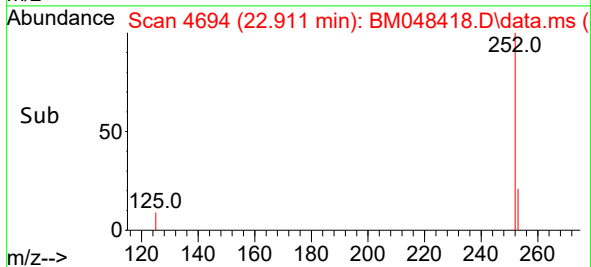
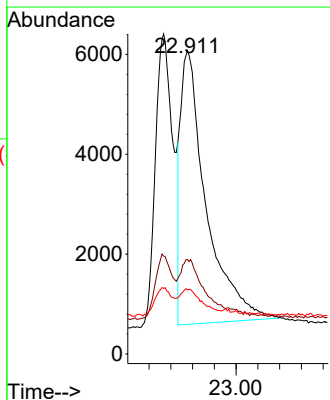
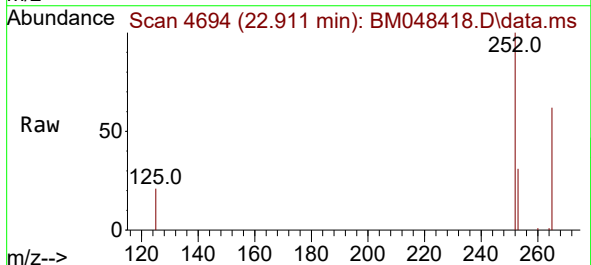
Instrument :
BNA_M
ClientSampleId :
SLCS513

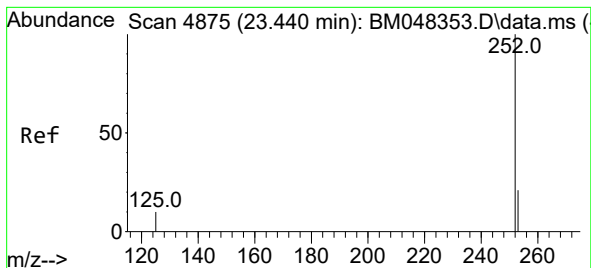
Tgt Ion:252 Resp: 13382
Ion Ratio Lower Upper
252 100
253 30.6 0.0 59.4
125 20.5 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.513 ng/ul
RT: 22.911 min Scan# 4694
Delta R.T. 0.006 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:252 Resp: 17831
Ion Ratio Lower Upper
252 100
253 31.2 23.4 35.0
125 21.2 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.478 ng/ul

RT: 23.460 min Scan# 4882

Delta R.T. 0.020 min

Lab File: BM048418.D

Acq: 02 Nov 2024 05:37

Instrument :

BNA_M

ClientSampleId :

SLCS513

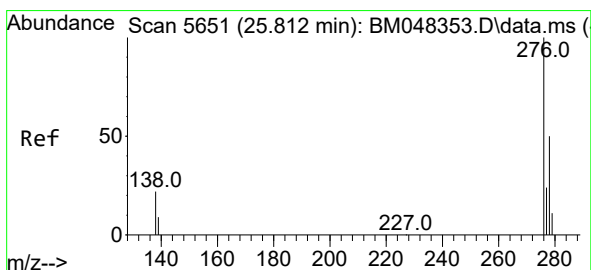
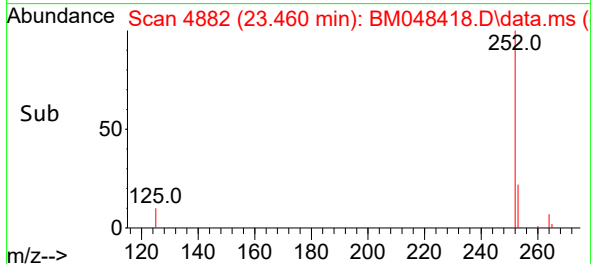
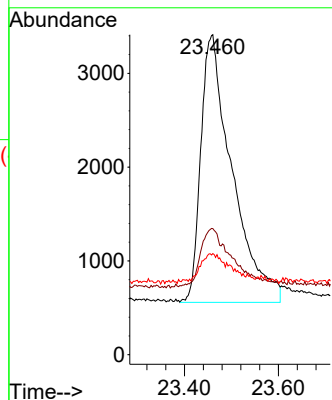
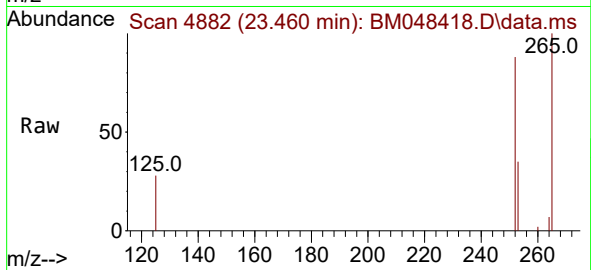
Tgt Ion:252 Resp: 13181

Ion Ratio Lower Upper

252 100

253 39.4 27.7 41.5

125 31.6 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.444 ng/ul

RT: 25.842 min Scan# 5660

Delta R.T. 0.030 min

Lab File: BM048418.D

Acq: 02 Nov 2024 05:37

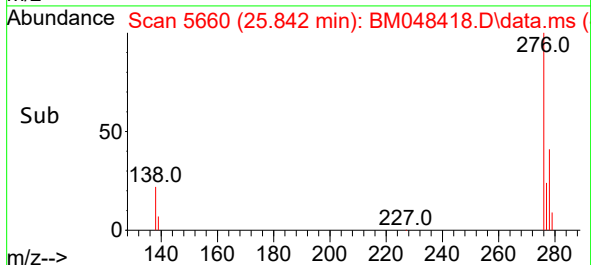
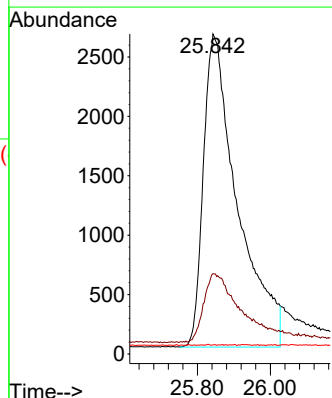
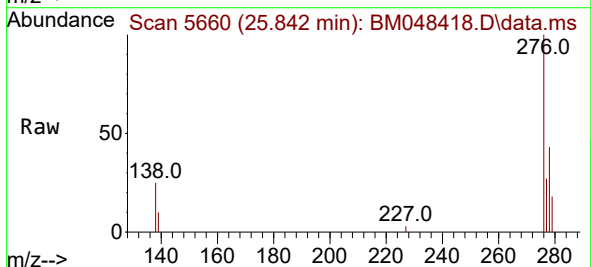
Tgt Ion:276 Resp: 17103

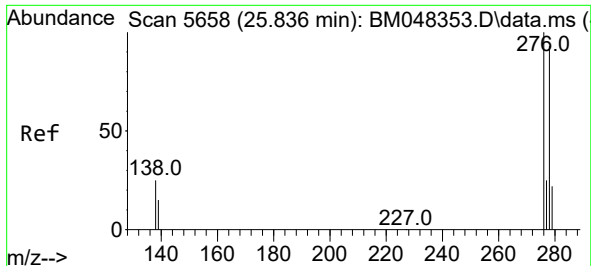
Ion Ratio Lower Upper

276 100

138 23.7 19.6 29.4

227 0.0 0.1 0.1#

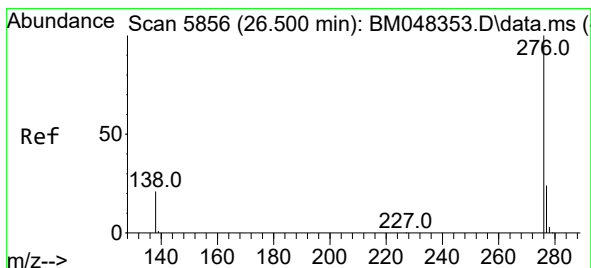
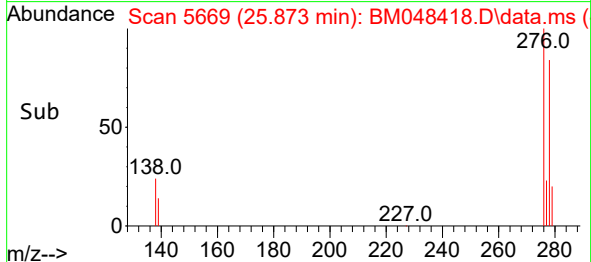
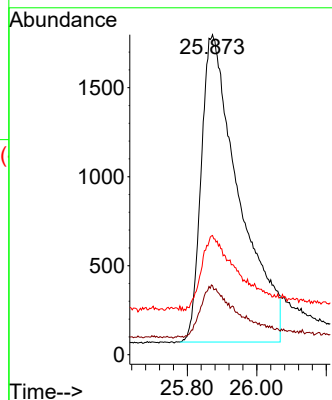
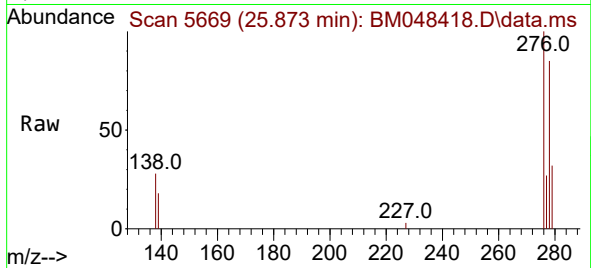




#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 25.873 min Scan# 5669
Delta R.T. 0.037 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Instrument :
BNA_M
ClientSampleId :
SLCS513

Tgt Ion:278 Resp: 13030
Ion Ratio Lower Upper
278 100
139 21.6 15.6 23.4
279 37.3 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.474 ng/ul
RT: 26.506 min Scan# 5858
Delta R.T. 0.007 min
Lab File: BM048418.D
Acq: 02 Nov 2024 05:37

Tgt Ion:276 Resp: 15383
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.6
277 26.3 20.6 31.0

