

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
 Data File : BM048649.D
 Acq On : 14 Nov 2024 00:33
 Operator : RC/JU
 Sample : PB164896BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS896

Quant Time: Nov 14 02:37:40 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 : Wed Nov 13 11:38:55 2024
 Response via : Initial Calibration

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

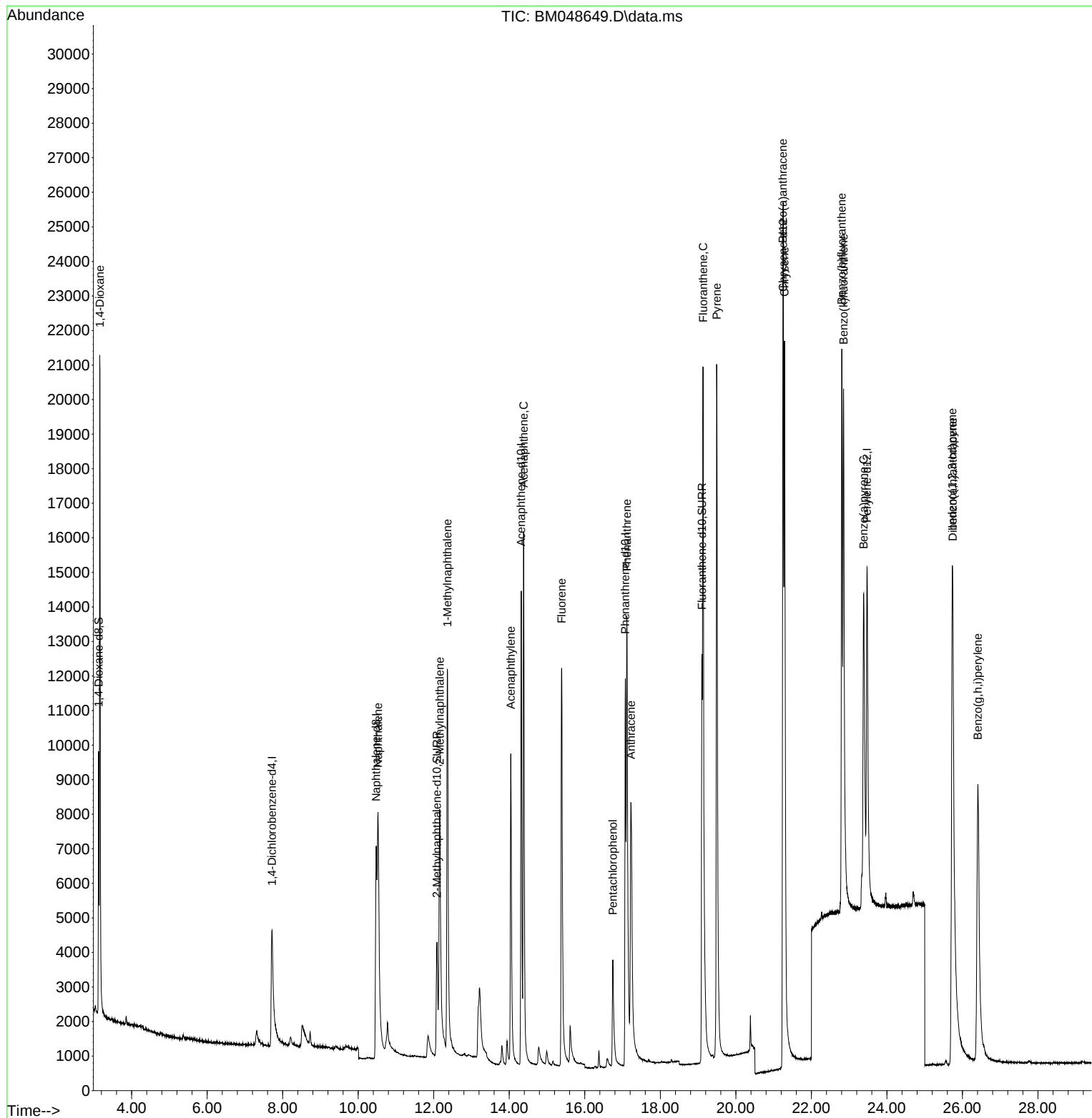
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	4904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.473	136	17287	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.316	164	10338	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.072	188	21695	0.400	ng/ul	-0.01
17) Chrysene-d12	21.251	240	17598	0.400	ng/ul	-0.01
23) Perylene-d12	23.472	264	18279	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	4753	0.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.085	152	9121	0.408	ng/ul	-0.02
18) Fluoranthene-d10	19.103	212	20868	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.160	88	12896	1.896	ng/ul#	62
5) Naphthalene	10.523	128	16666	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.156	142	10095	0.370	ng/ul	95
8) 1-Methylnaphthalene	12.365	142	12523	0.449	ng/ul	98
10) Acenaphthylene	14.043	152	15556	0.396	ng/ul	99
11) Acenaphthene	14.380	153	12080	0.385	ng/ul	99
12) Fluorene	15.389	166	13305	0.390	ng/ul	98
14) Pentachlorophenol	16.743	266	4028	0.506	ng/ul	98
15) Phenanthrene	17.115	178	20181	0.354	ng/ul	99
16) Anthracene	17.224	178	18376	0.346	ng/ul	99
19) Fluoranthene	19.131	202	25885	0.397	ng/ul	98
20) Pyrene	19.493	202	27790	0.393	ng/ul	99
21) Benzo(a)anthracene	21.245	228	21044	0.365	ng/ul	99
22) Chrysene	21.289	228	28560	0.413	ng/ul	99
24) Benzo(b)fluoranthene	22.806	252	24128	0.424	ng/ul	90
25) Benzo(k)fluoranthene	22.853	252	28130	0.421	ng/ul#	90
26) Benzo(a)pyrene	23.385	252	22445	0.404	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.732	276	29117	0.375	ng/ul	97
28) Dibenzo(a,h)anthracene	25.746	278	22015	0.364	ng/ul	93
29) Benzo(g,h,i)perylene	26.410	276	25016	0.384	ng/ul	98

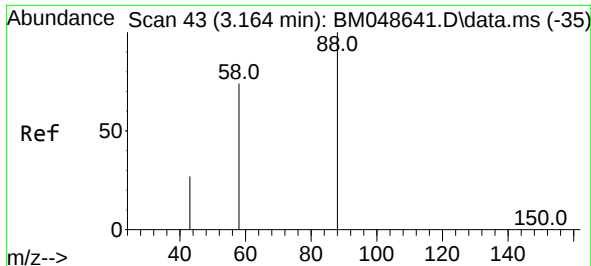
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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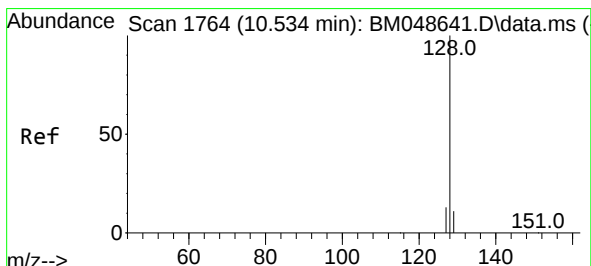
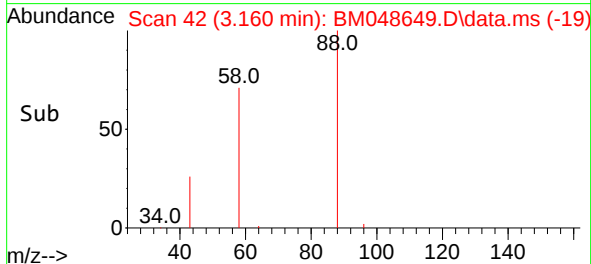
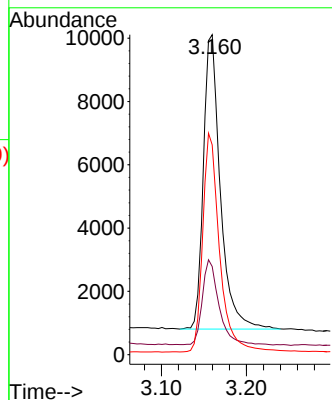
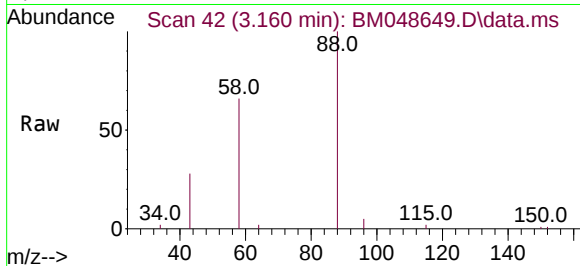




#2
1,4-Dioxane
Concen: 1.896 ng/ul
RT: 3.160 min Scan# 43
Delta R.T. -0.004 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

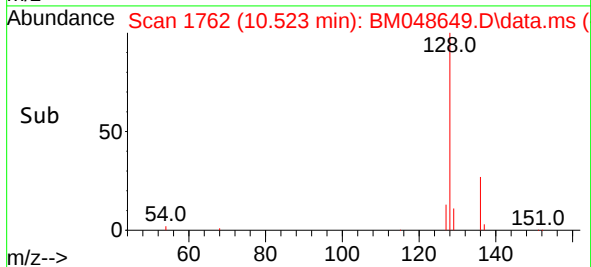
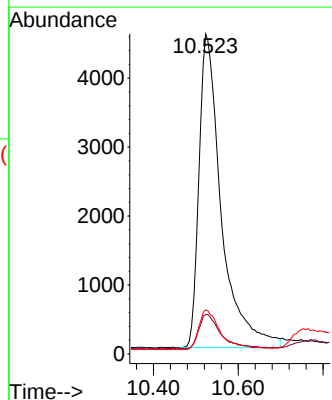
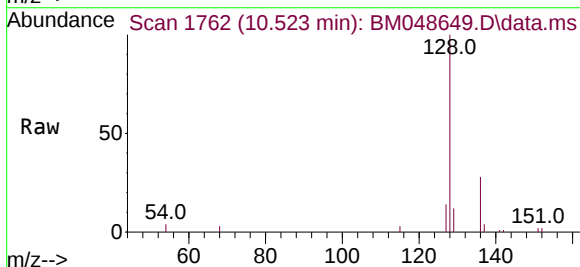
Instrument :
BNA_M
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SLCS896

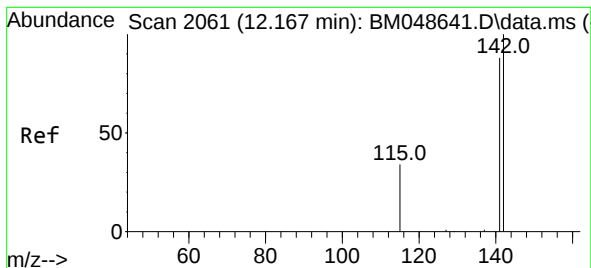
Tgt Ion: 88 Resp: 12896
Ion Ratio Lower Upper
88 100
43 27.6 60.2 90.4#
58 65.6 44.2 66.2



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.523 min Scan# 1762
Delta R.T. -0.023 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Tgt Ion: 128 Resp: 16666
Ion Ratio Lower Upper
128 100
129 12.3 10.0 15.0
127 13.8 10.9 16.3

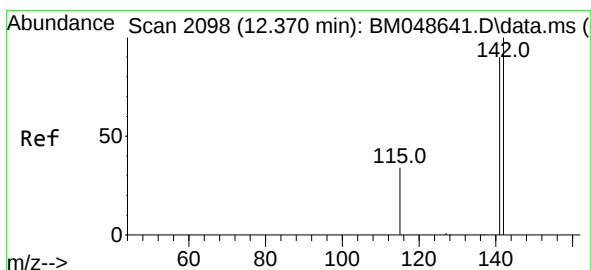
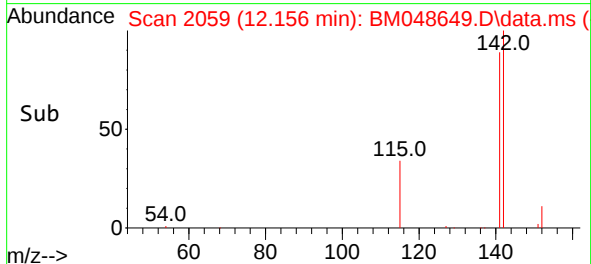
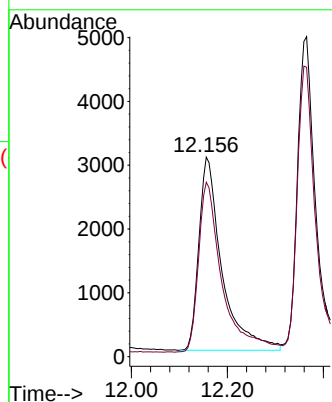
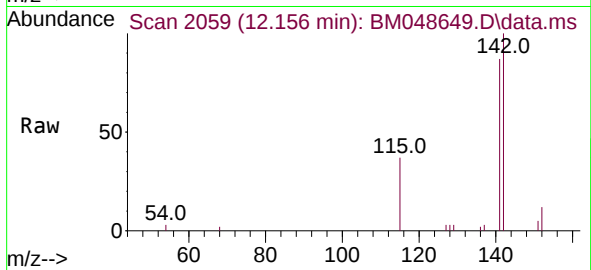




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.156 min Scan# 2059
Delta R.T. -0.023 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

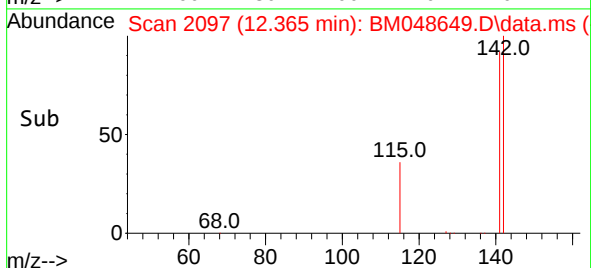
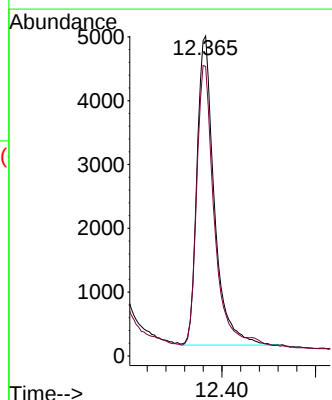
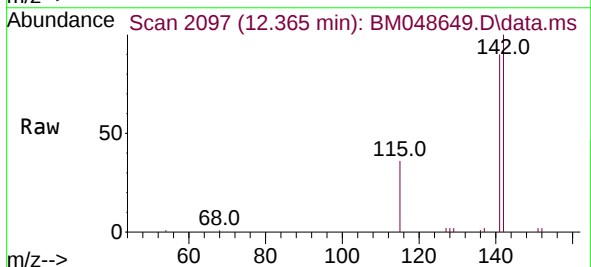
Instrument :
BNA_M
ClientSampleId :
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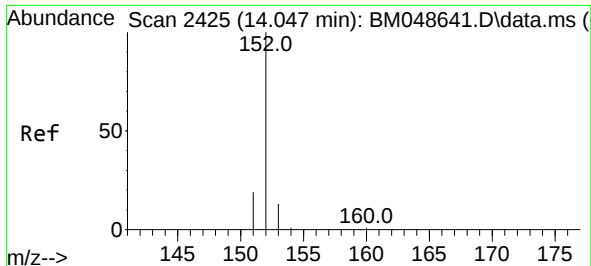
Tgt Ion:142 Resp: 10095
Ion Ratio Lower Upper
142 100
141 90.8 68.6 103.0



#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.365 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Tgt Ion:142 Resp: 12523
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2

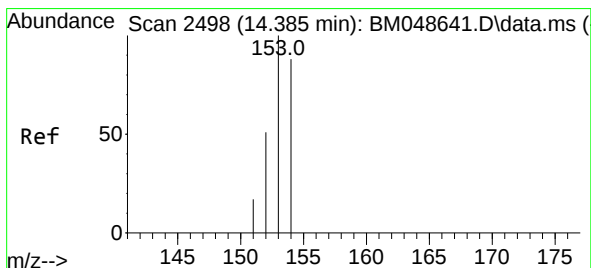
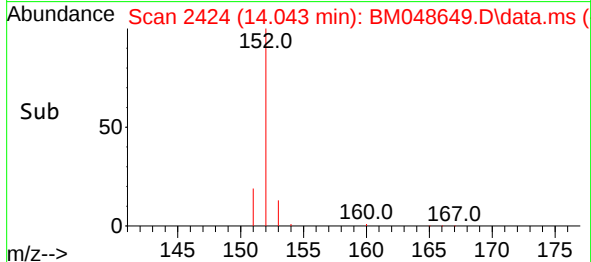
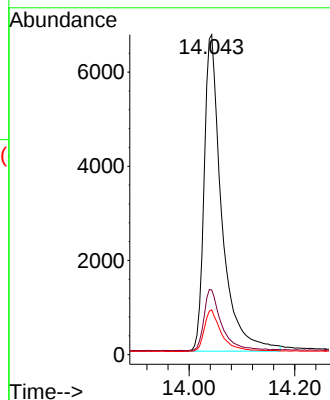
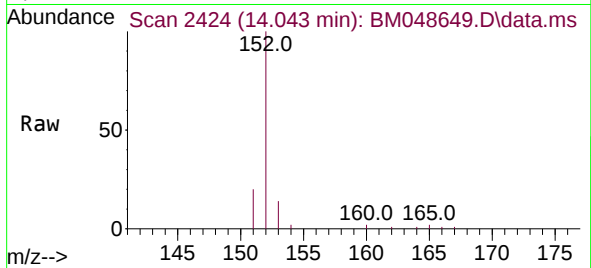




#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 14.043 min Scan# 2424
Delta R.T. -0.011 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

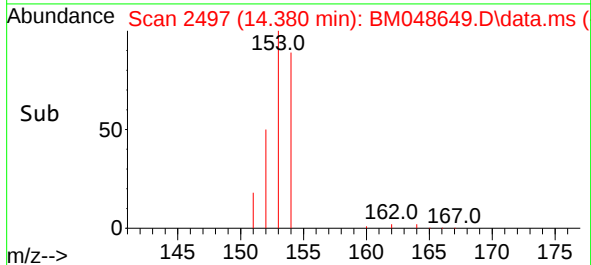
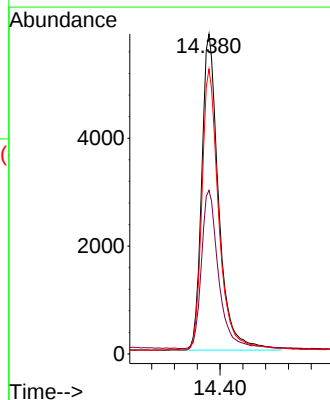
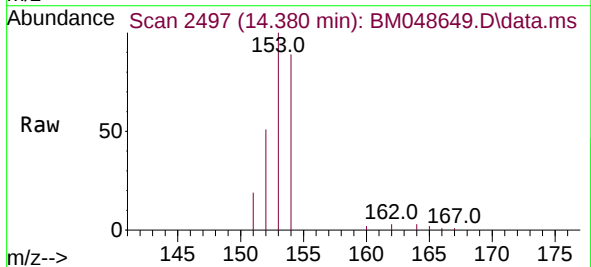
Instrument :
BNA_M
ClientSampleId :
SLCS896

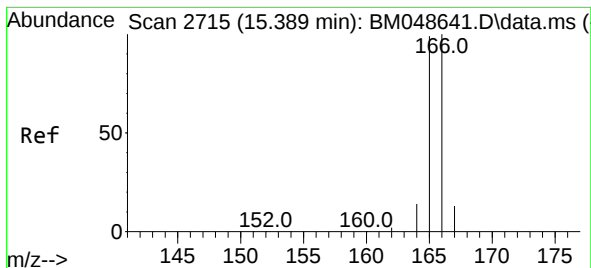
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	14.0	11.6	17.4



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.380 min Scan# 2497
Delta R.T. -0.006 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.1	61.7
154	89.0	70.3	105.5





#12

Fluorene

Concen: 0.390 ng/ul

RT: 15.389 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM048649.D

Acq: 14 Nov 2024 00:33

Instrument :

BNA_M

ClientSampleId :

SLCS896

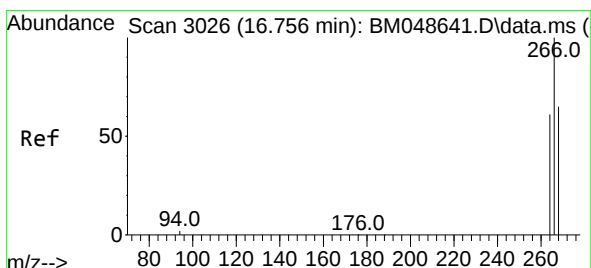
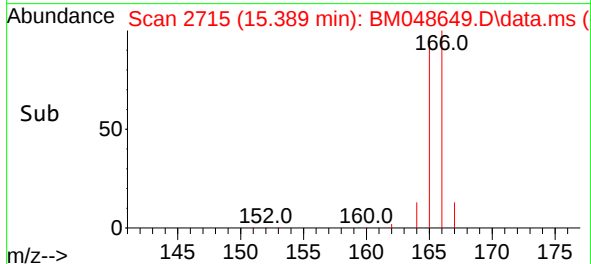
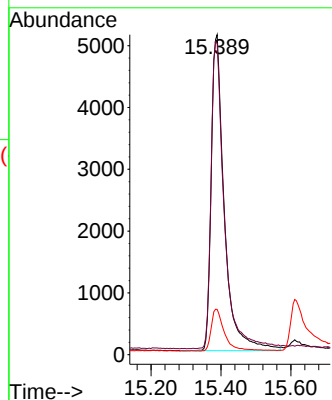
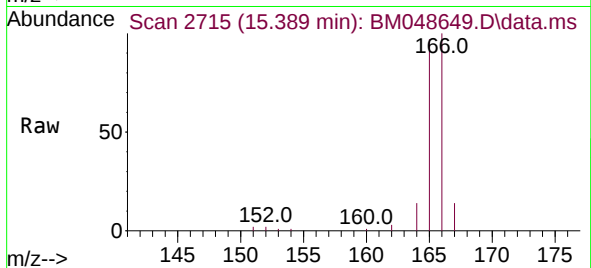
Tgt Ion:166 Resp: 13305

Ion Ratio Lower Upper

166 100

165 97.2 78.7 118.1

167 14.2 12.6 18.8



#14

Pentachlorophenol

Concen: 0.506 ng/ul

RT: 16.743 min Scan# 3023

Delta R.T. -0.018 min

Lab File: BM048649.D

Acq: 14 Nov 2024 00:33

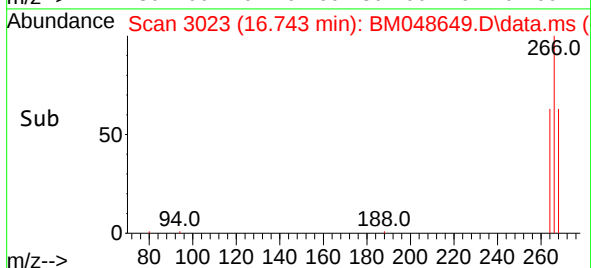
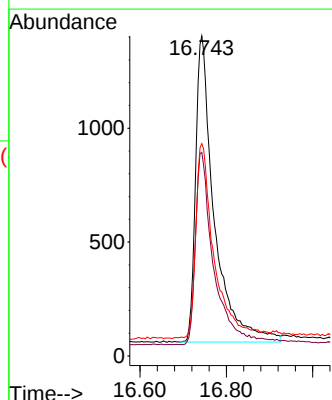
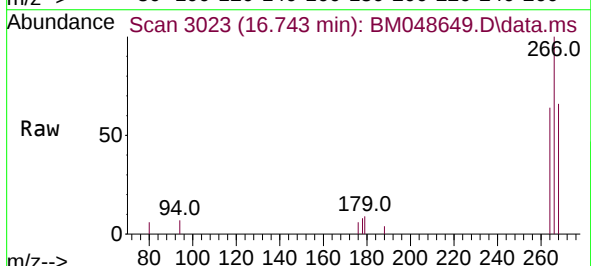
Tgt Ion:266 Resp: 4028

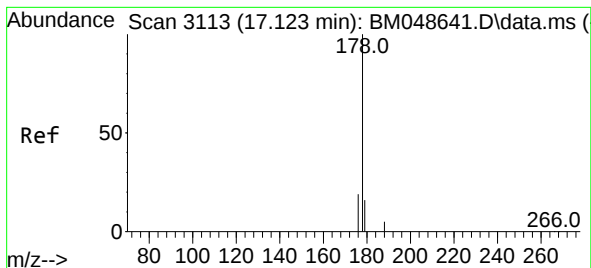
Ion Ratio Lower Upper

266 100

264 62.1 49.6 74.4

268 63.9 49.4 74.0





#15

Phenanthrene

Concen: 0.354 ng/ul

RT: 17.115 min Scan# 3111

Delta R.T. -0.014 min

Lab File: BM048649.D

Acq: 14 Nov 2024 00:33

Instrument :

BNA_M

ClientSampleId :

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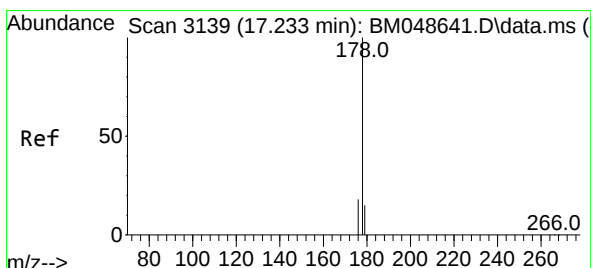
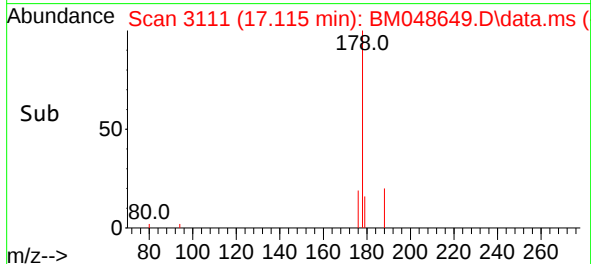
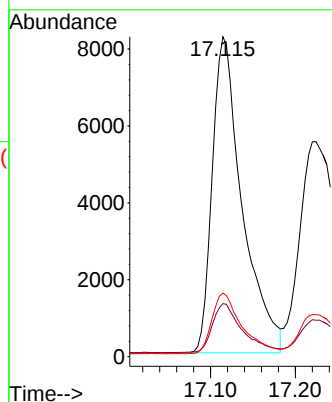
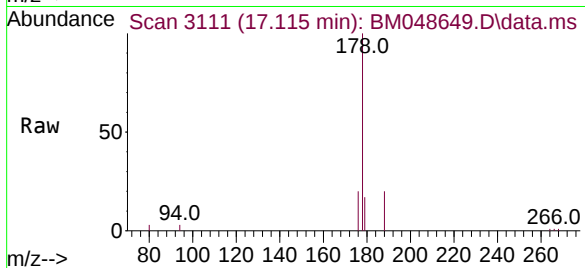
Tgt Ion:178 Resp: 20181

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.0

176 19.8 16.2 24.2



#16

Anthracene

Concen: 0.346 ng/ul

RT: 17.224 min Scan# 3137

Delta R.T. -0.014 min

Lab File: BM048649.D

Acq: 14 Nov 2024 00:33

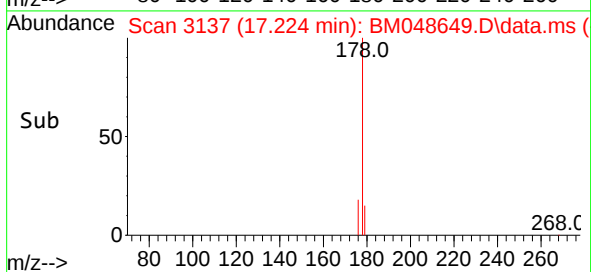
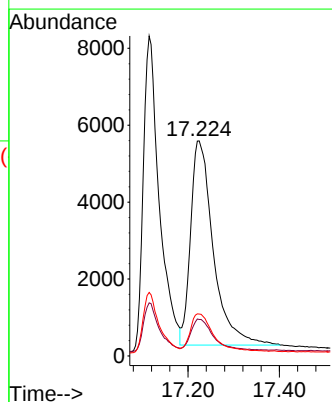
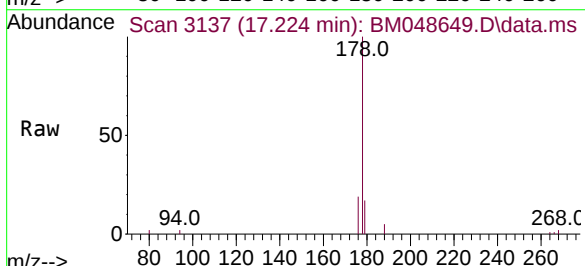
Tgt Ion:178 Resp: 18376

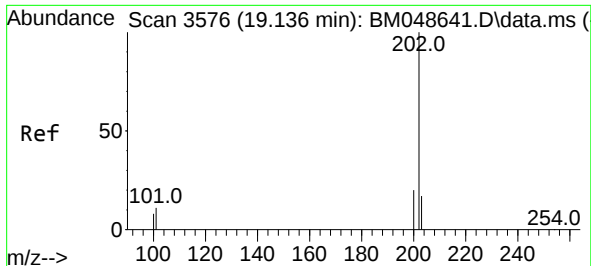
Ion Ratio Lower Upper

178 100

179 17.0 13.7 20.5

176 19.5 15.9 23.9

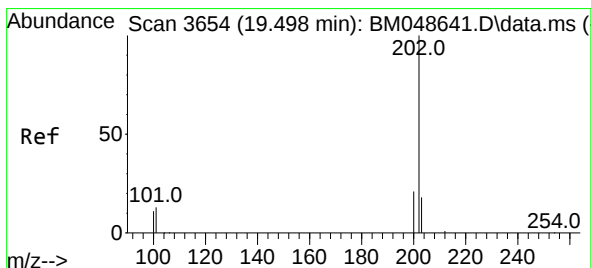
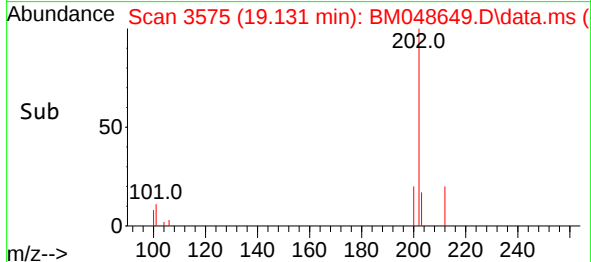
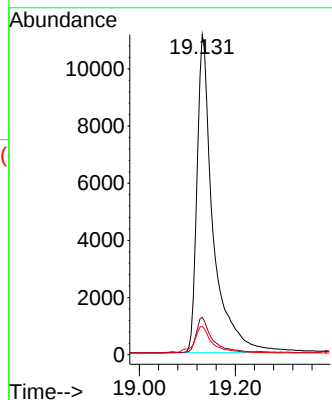
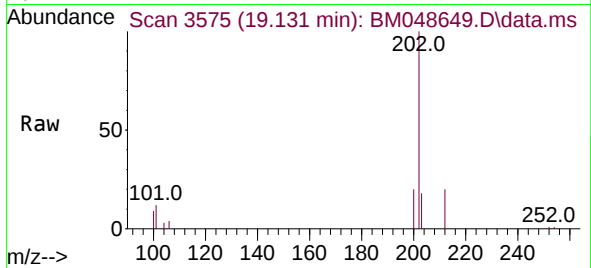




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.131 min Scan# 3575
Delta R.T. -0.011 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

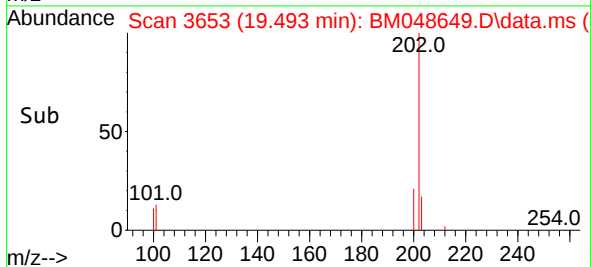
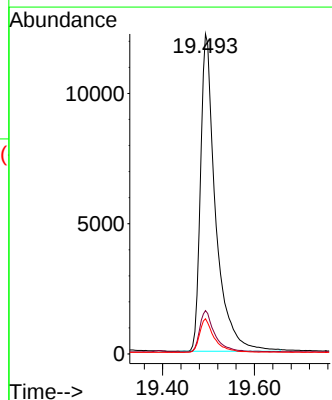
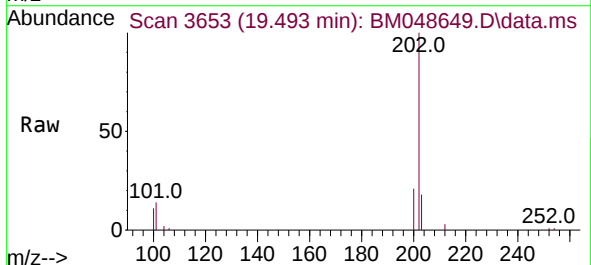
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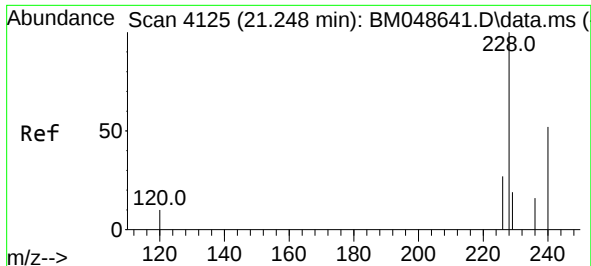
Tgt Ion:202 Resp: 25885
Ion Ratio Lower Upper
202 100
101 11.6 10.2 15.4
100 8.8 7.3 10.9



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.493 min Scan# 3653
Delta R.T. -0.011 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Tgt Ion:202 Resp: 27790
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.2
100 11.0 8.5 12.7

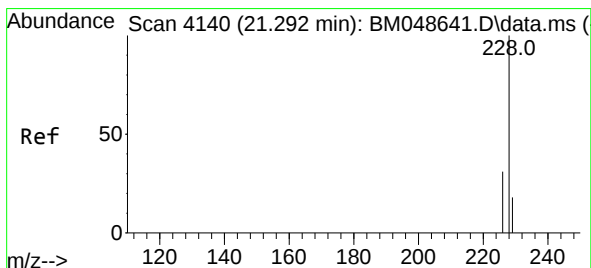
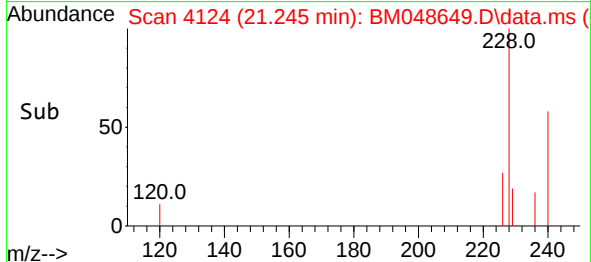
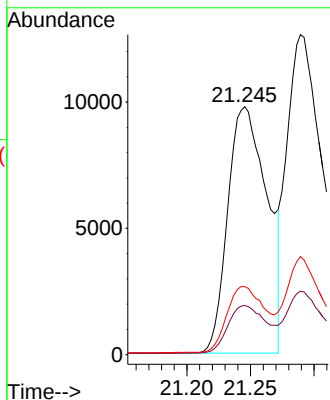
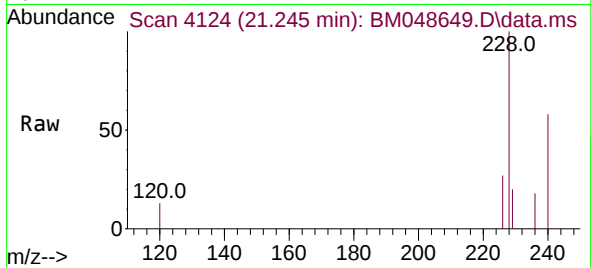




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.245 min Scan# 4125
Delta R.T. -0.008 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

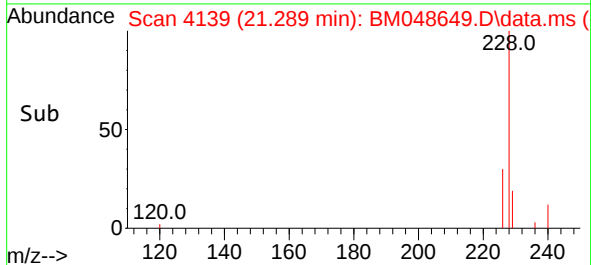
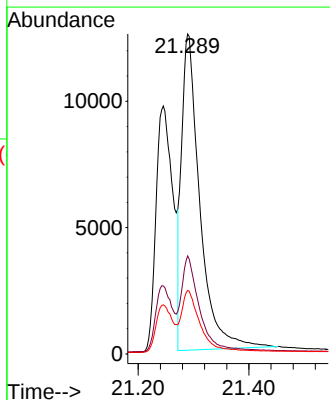
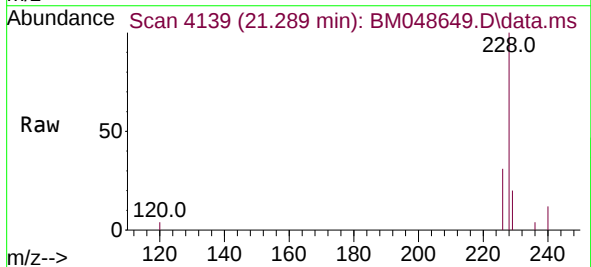
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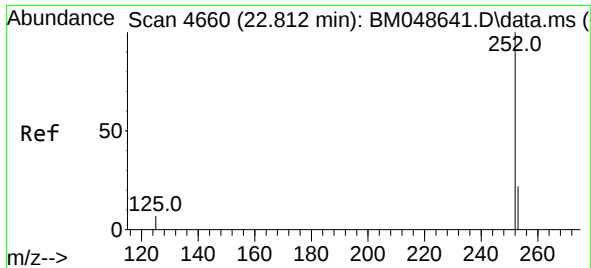
Tgt Ion:228 Resp: 21044
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. -0.008 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Tgt Ion:228 Resp: 28560
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.9 16.5 24.7

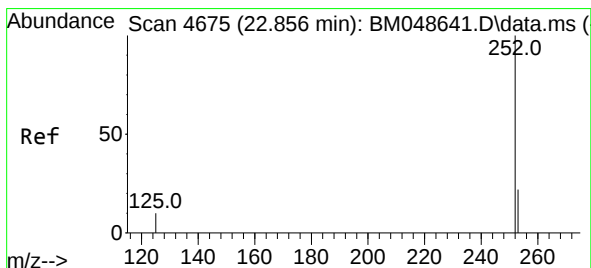
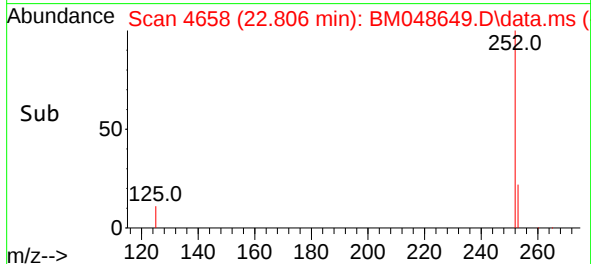
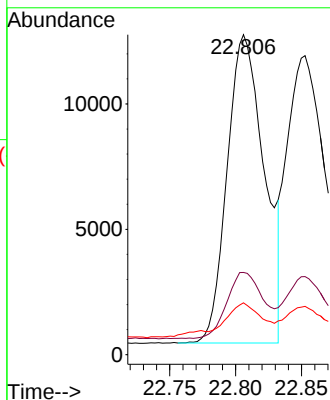
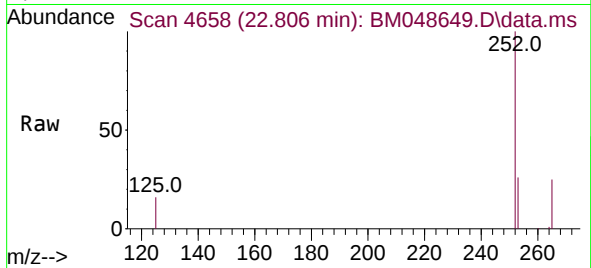




#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 22.806 min Scan# 4658
Delta R.T. -0.008 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

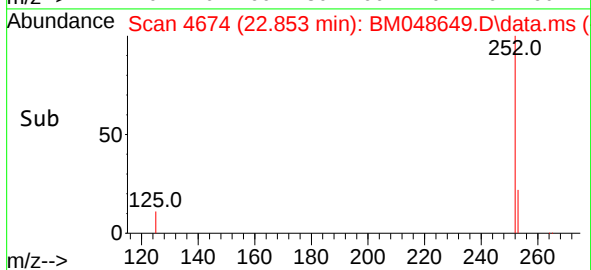
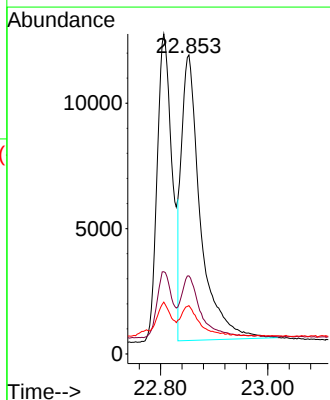
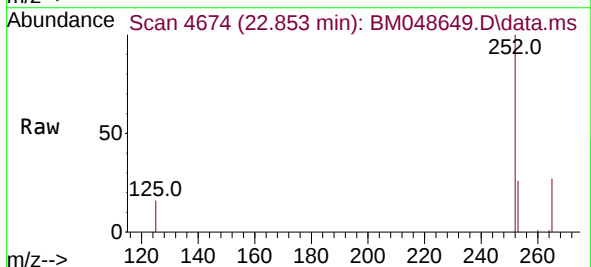
Instrument :
BNA_M
ClientSampleId :
SLCS896

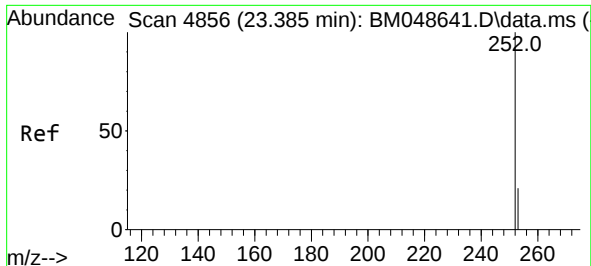
Tgt Ion:252 Resp: 24128
Ion Ratio Lower Upper
252 100
253 25.7 0.0 61.6
125 16.2 0.0 43.2



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 22.853 min Scan# 4674
Delta R.T. -0.006 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

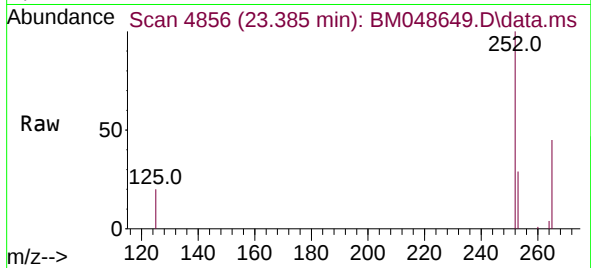
Tgt Ion:252 Resp: 28130
Ion Ratio Lower Upper
252 100
253 26.1 25.0 37.4
125 16.2 17.4 26.0#



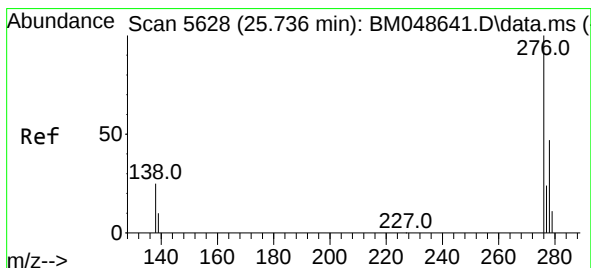
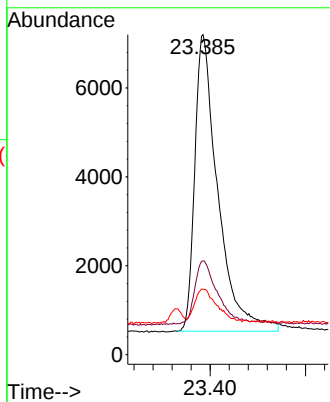
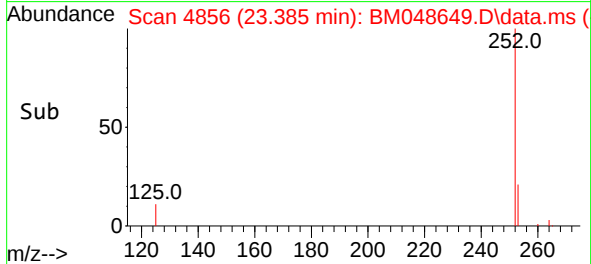


#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.385 min Scan# 4856
Delta R.T. -0.008 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Instrument :
BNA_M
ClientSampleId :
SLCS896

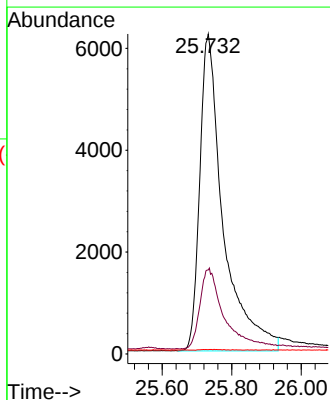
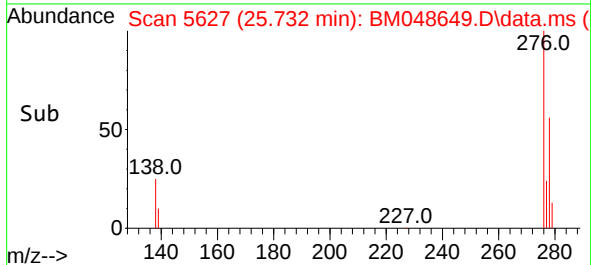
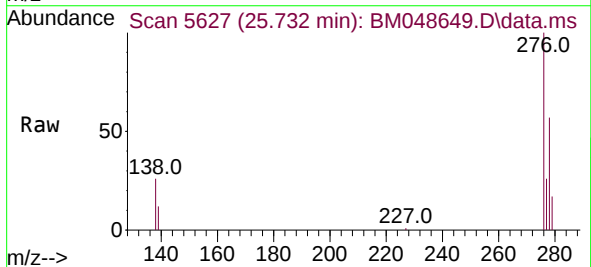


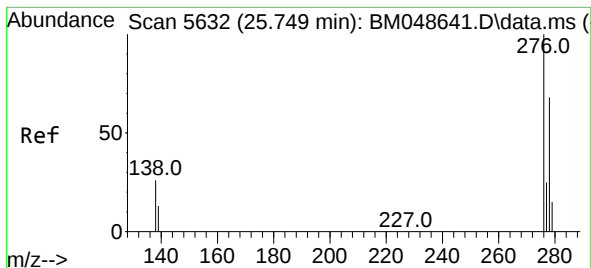
Tgt Ion:252 Resp: 22445
Ion Ratio Lower Upper
252 100
253 29.3 29.6 44.4#
125 20.5 23.9 35.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.732 min Scan# 5627
Delta R.T. -0.006 min
Lab File: BM048649.D
Acq: 14 Nov 2024 00:33

Tgt Ion:276 Resp: 29117
Ion Ratio Lower Upper
276 100
138 26.6 20.1 30.1
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.364 ng/ul

RT: 25.746 min Scan# 5

Delta R.T. -0.013 min

Lab File: BM048649.D

Acq: 14 Nov 2024 00:33

Instrument :

BNA_M

ClientSampleId :

SLCS896

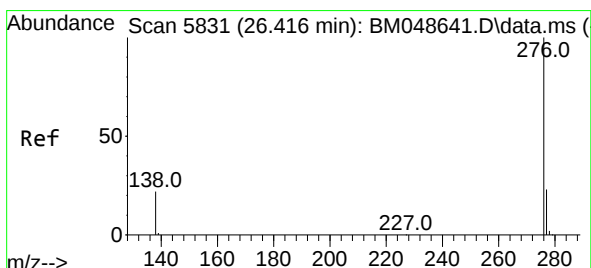
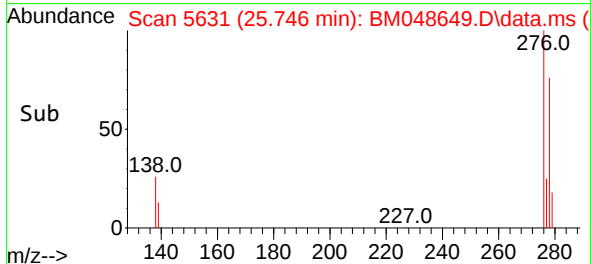
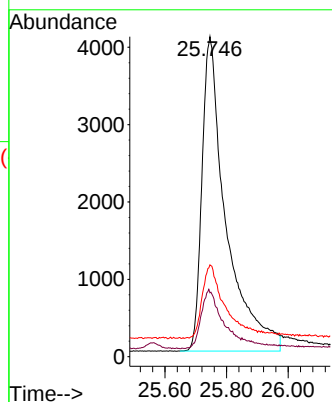
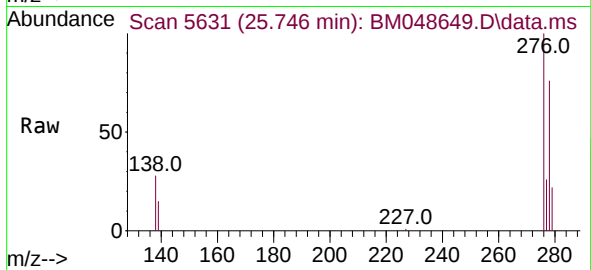
Tgt Ion:278 Resp: 22015

Ion Ratio Lower Upper

278 100

139 20.0 17.8 26.8

279 28.7 26.6 39.8



#29

Benzo(g,h,i)perylene

Concen: 0.384 ng/ul

RT: 26.410 min Scan# 5829

Delta R.T. -0.010 min

Lab File: BM048649.D

Acq: 14 Nov 2024 00:33

Tgt Ion:276 Resp: 25016

Ion Ratio Lower Upper

276 100

138 24.5 21.0 31.6

277 25.1 20.5 30.7

