

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
 Data File : BM048845.D
 Acq On : 05 Dec 2024 21:38
 Operator : RC/JU
 Sample : PB165387BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS387

Quant Time: Dec 05 23:22:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 00:22:16 2024
 Response via : Initial Calibration

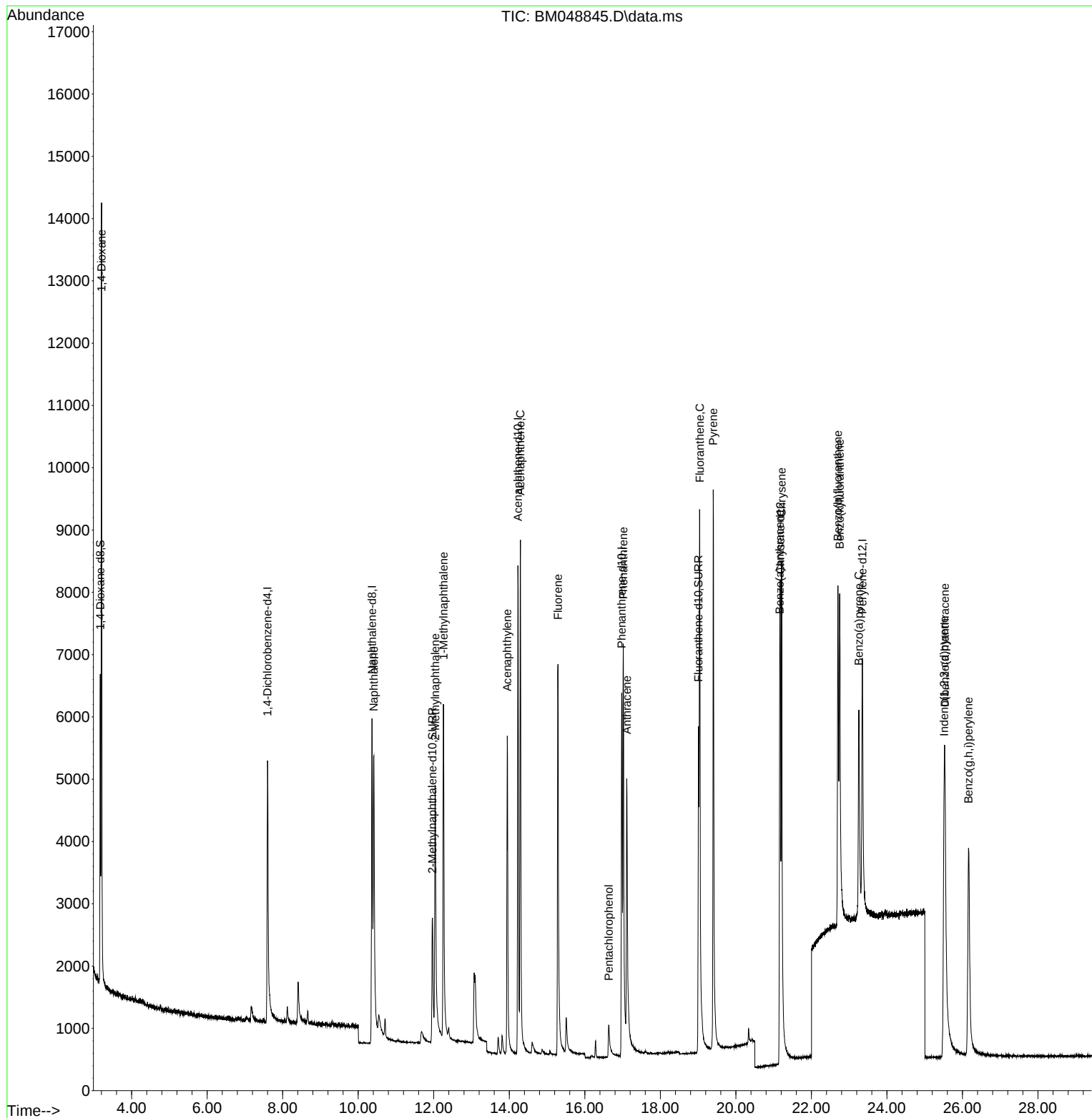
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	3235	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	9097	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.229	164	4981	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.977	188	9636	0.400	ng/ul	-0.01
17) Chrysene-d12	21.178	240	6022	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	6417	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	2825	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	4248	0.388	ng/ul	-0.01
18) Fluoranthene-d10	19.011	212	7510	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.202	88	7733	1.581	ng/ul#	82
5) Naphthalene	10.414	128	8001	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.036	142	4644	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.256	142	4959	0.353	ng/ul	98
10) Acenaphthylene	13.947	152	7227	0.331	ng/ul	100
11) Acenaphthene	14.294	153	5409	0.343	ng/ul	99
12) Fluorene	15.288	166	5760	0.353	ng/ul	98
14) Pentachlorophenol	16.635	266	778	0.934	ng/ul#	7
15) Phenanthrene	17.019	178	8463	0.346	ng/ul	99
16) Anthracene	17.112	178	7312	0.336	ng/ul	99
19) Fluoranthene	19.044	202	9556	0.345	ng/ul	98
20) Pyrene	19.402	202	9777	0.339	ng/ul	99
21) Benzo(a)anthracene	21.160	228	6330	0.372	ng/ul	98
22) Chrysene	21.213	228	9347	0.347	ng/ul	99
24) Benzo(b)fluoranthene	22.703	252	7404	0.411	ng/ul	98
25) Benzo(k)fluoranthene	22.750	252	9511	0.376	ng/ul	99
26) Benzo(a)pyrene	23.259	252	7016	0.380	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.514	276	9458	0.387	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.534	278	7148	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	26.161	276	8221	0.388	ng/ul	98

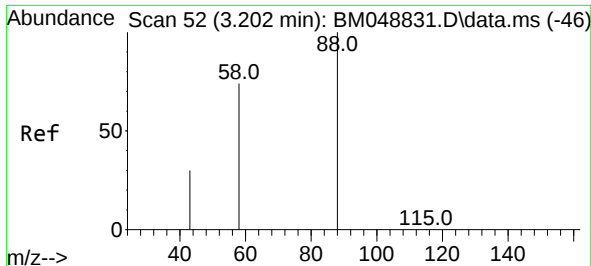
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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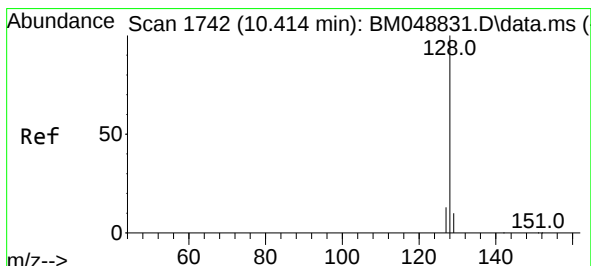
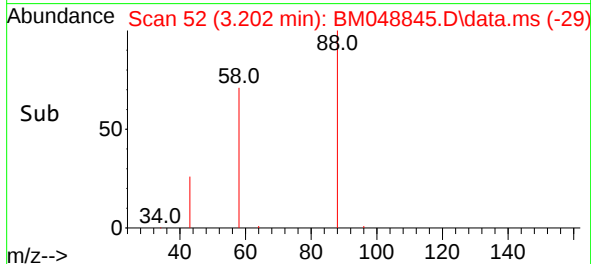
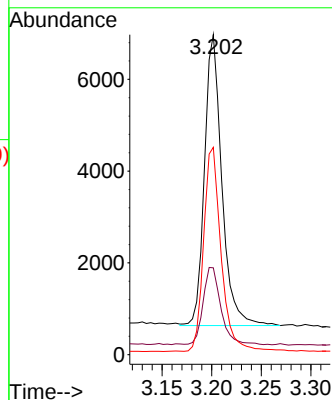
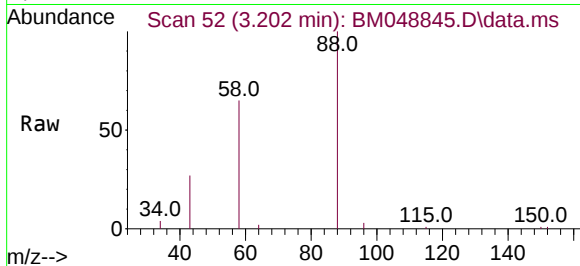




#2
1,4-Dioxane
Concen: 1.581 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

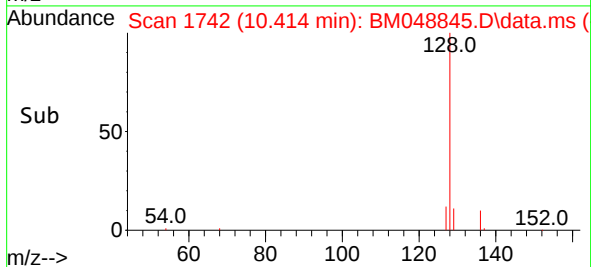
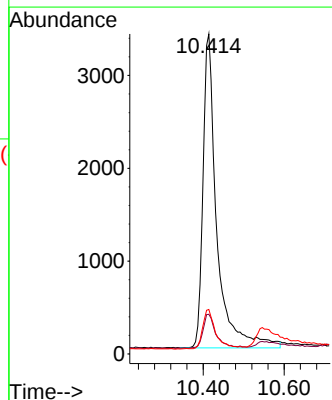
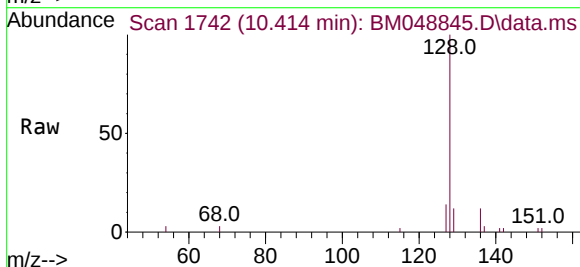
Instrument :
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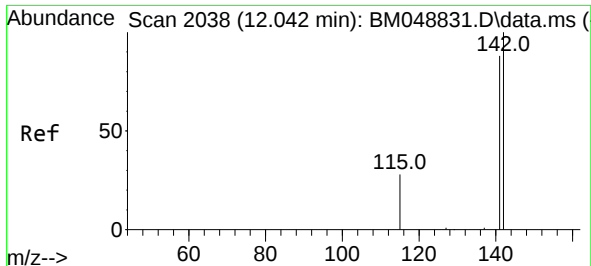
Tgt Ion: 88 Resp: 7733
Ion Ratio Lower Upper
88 100
43 27.2 20.6 30.8
58 64.8 37.6 56.4#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.414 min Scan# 1742
Delta R.T. -0.011 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion: 128 Resp: 8001
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 13.9 10.7 16.1

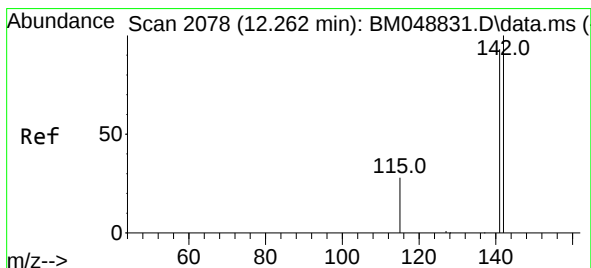
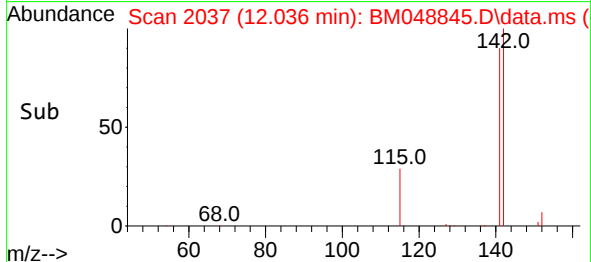
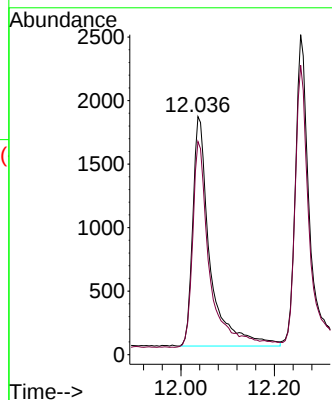
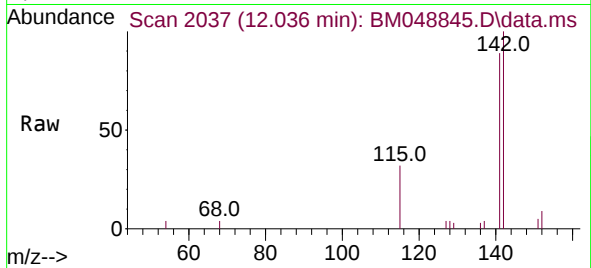




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.036 min Scan# 2037
Delta R.T. -0.016 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

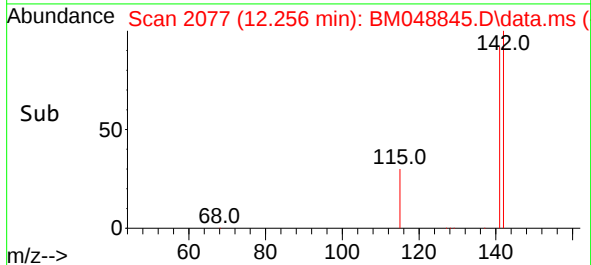
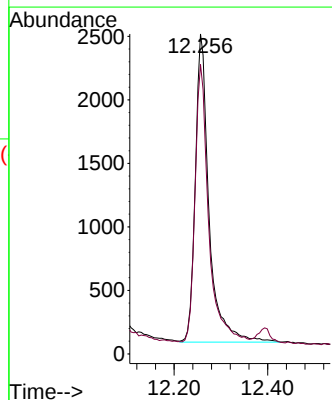
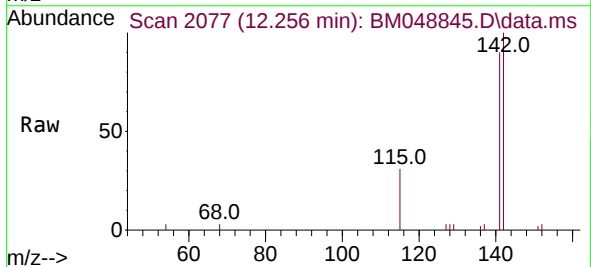
Instrument :
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ClientSampleId :
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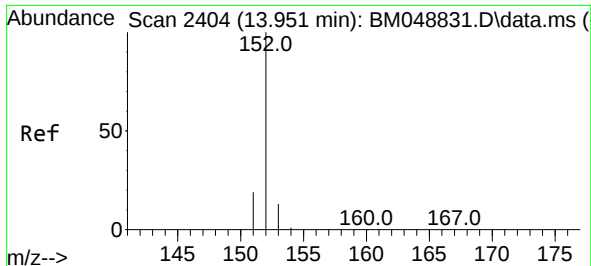
Tgt Ion:142 Resp: 4644
Ion Ratio Lower Upper
142 100
141 89.9 73.0 109.6



#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.256 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion:142 Resp: 4959
Ion Ratio Lower Upper
142 100
141 89.0 72.5 108.7

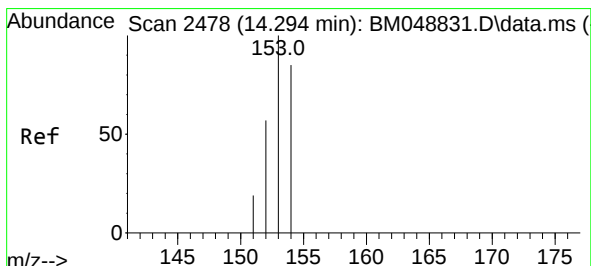
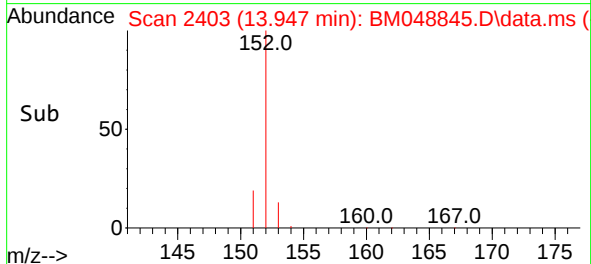
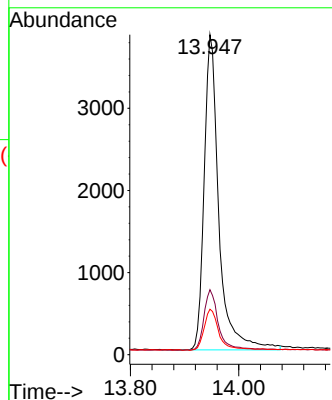
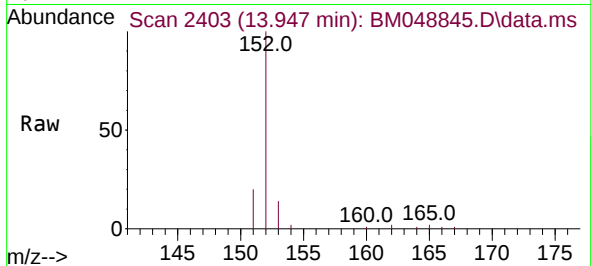




#10
Acenaphthylene
Concen: 0.331 ng/ul
RT: 13.947 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

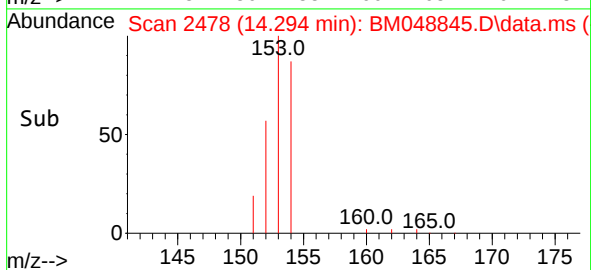
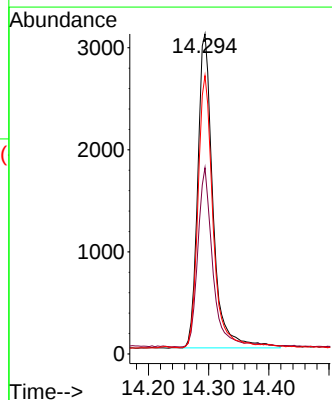
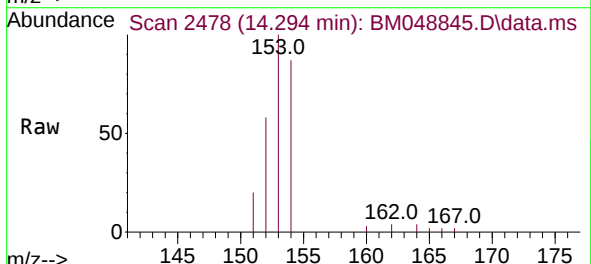
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ClientSampleId :
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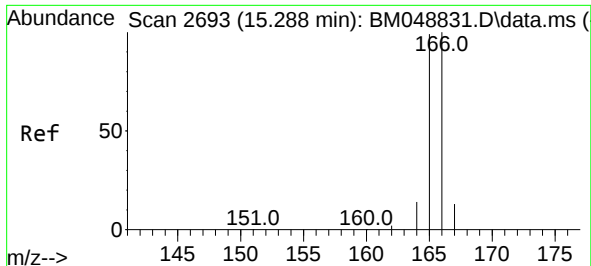
Tgt Ion:152	Resp:	7227
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.3 24.5
153	14.2	11.7 17.5



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.294 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion:153	Resp:	5409
Ion Ratio	Lower	Upper
153	100	
152	58.2	46.5 69.7
154	87.0	68.7 103.1

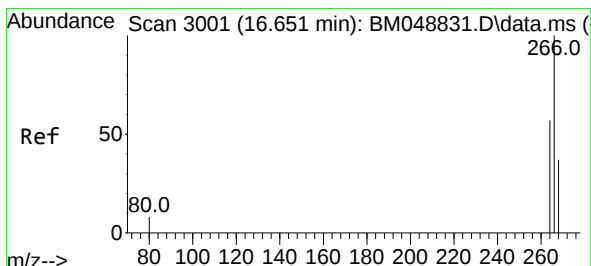
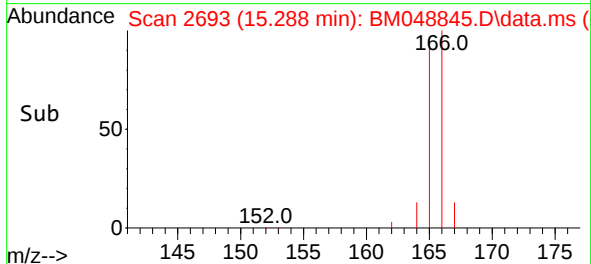
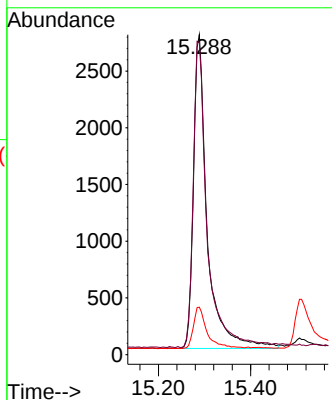
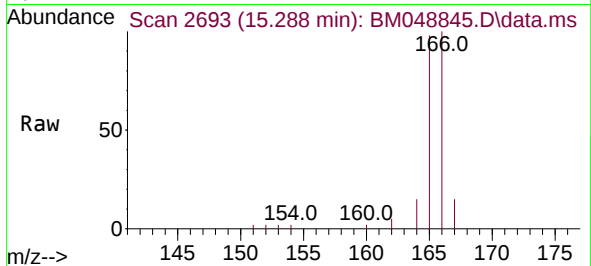




#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.288 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

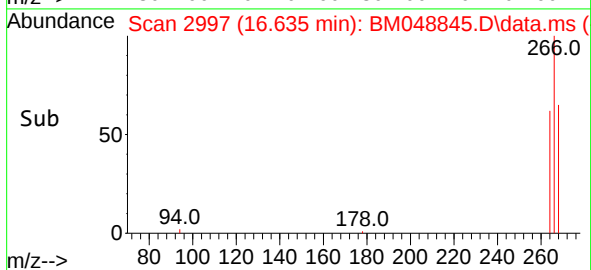
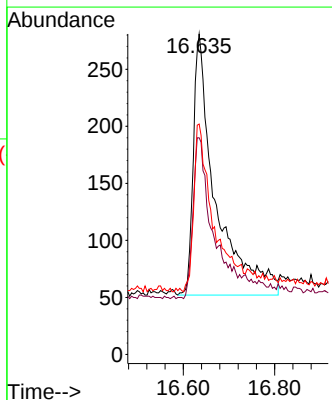
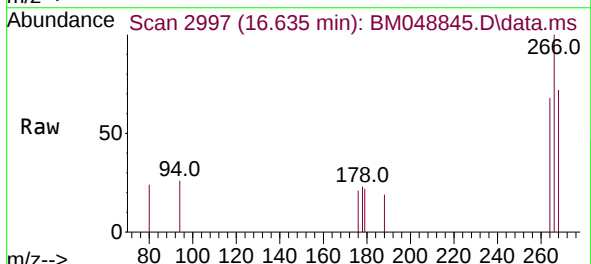
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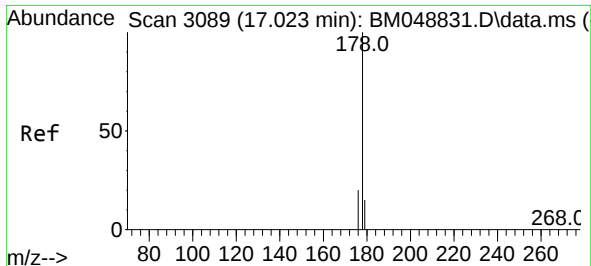
Tgt Ion:166 Resp: 5760
Ion Ratio Lower Upper
166 100
165 97.5 79.8 119.6
167 14.8 12.2 18.2



#14
Pentachlorophenol
Concen: 0.934 ng/ul
RT: 16.635 min Scan# 2997
Delta R.T. -0.021 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion:266 Resp: 778
Ion Ratio Lower Upper
266 100
264 61.2 15.3 22.9#
268 56.9 0.0 0.0#

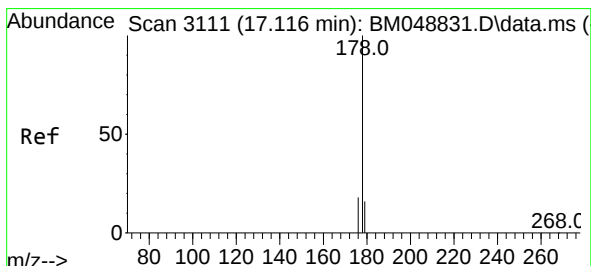
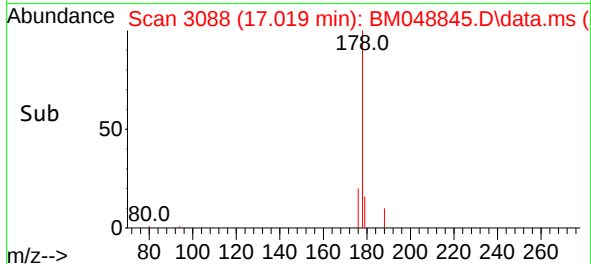
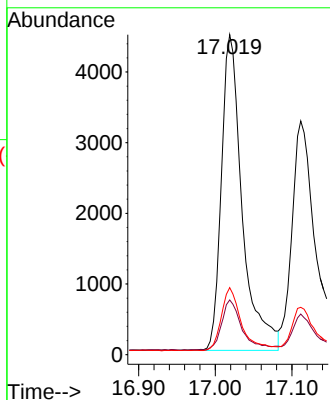
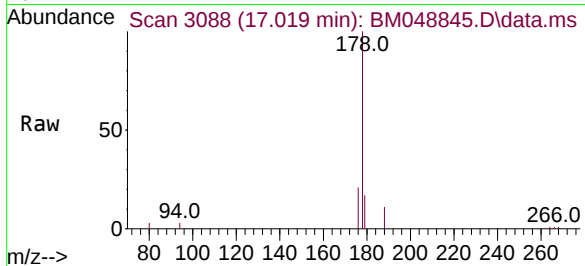




#15
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.019 min Scan# 3089
Delta R.T. -0.013 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

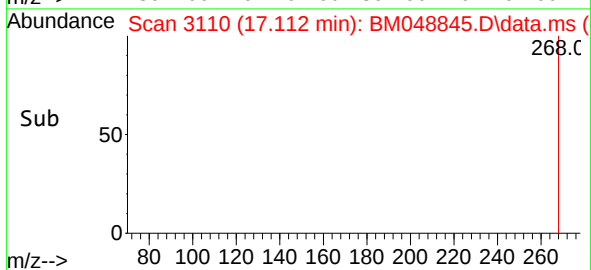
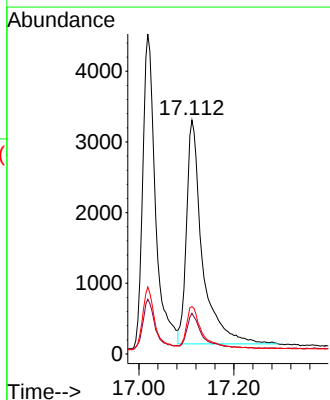
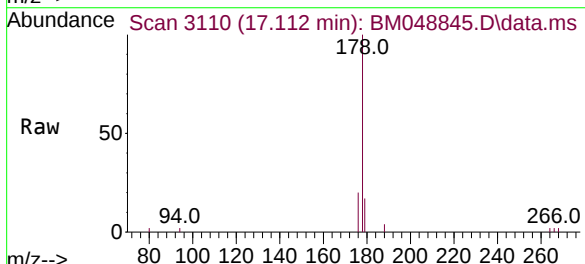
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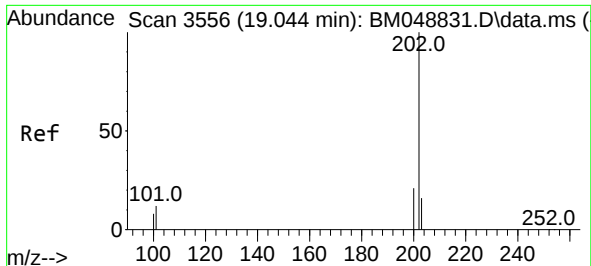
Tgt Ion:178 Resp: 8463
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 21.0 16.2 24.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.112 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion:178 Resp: 7312
Ion Ratio Lower Upper
178 100
179 17.4 14.0 21.0
176 20.2 17.0 25.4

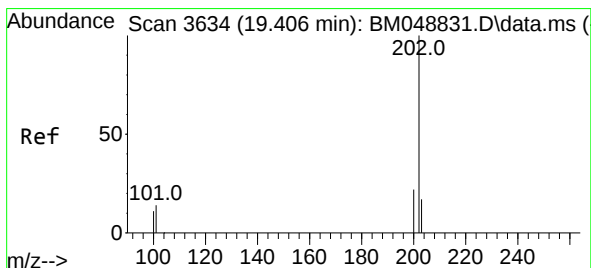
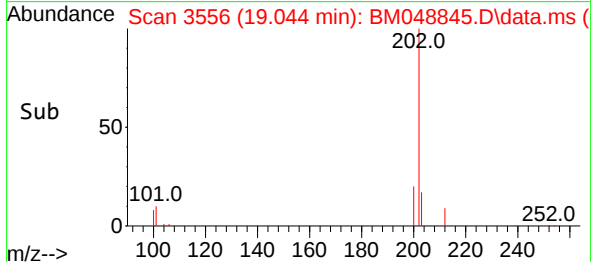
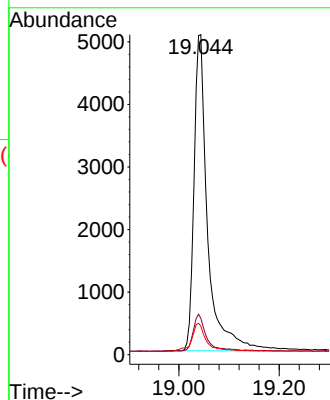
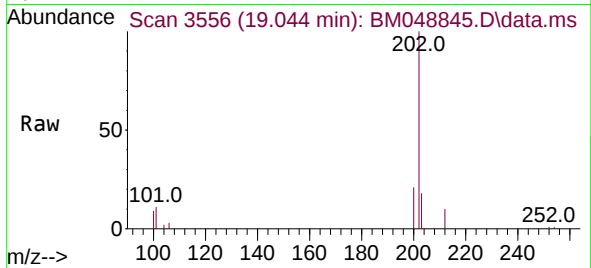




#19
Fluoranthene
Concen: 0.345 ng/ul
RT: 19.044 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

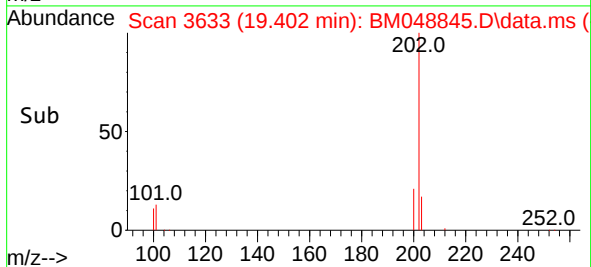
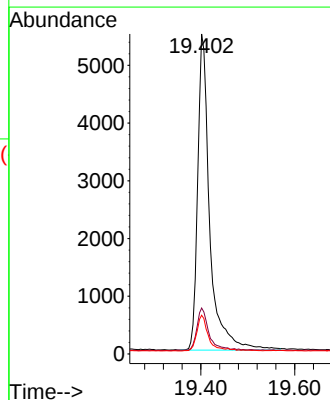
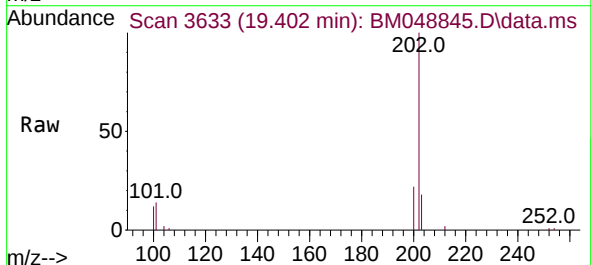
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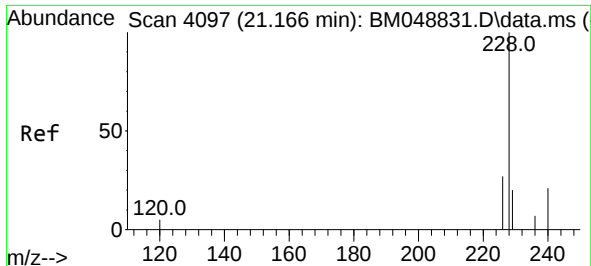
Tgt Ion:202 Resp: 9556
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 8.9 7.5 11.3



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.402 min Scan# 3633
Delta R.T. -0.014 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion:202 Resp: 9777
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 12.1 9.4 14.0

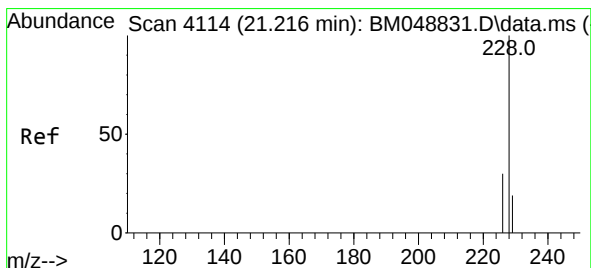
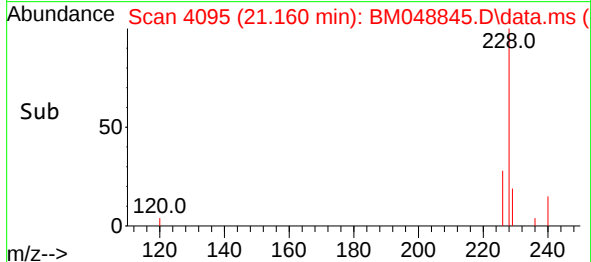
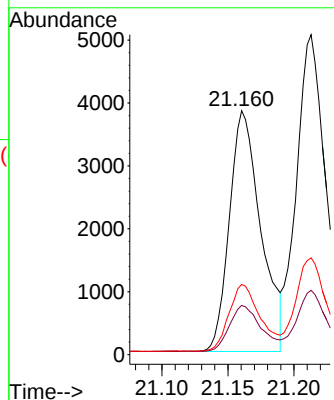
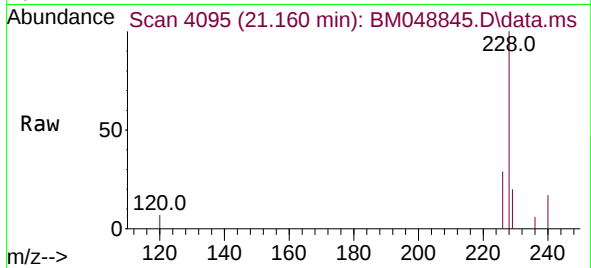




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.160 min Scan# 4097
Delta R.T. -0.012 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

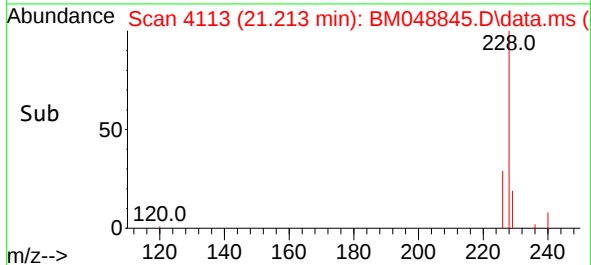
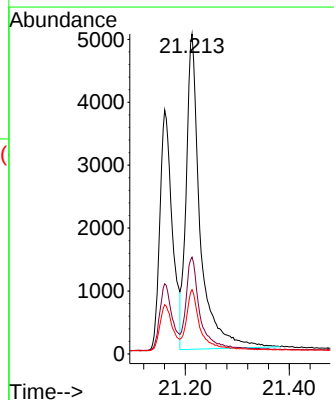
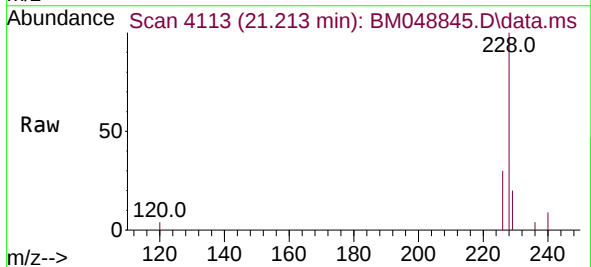
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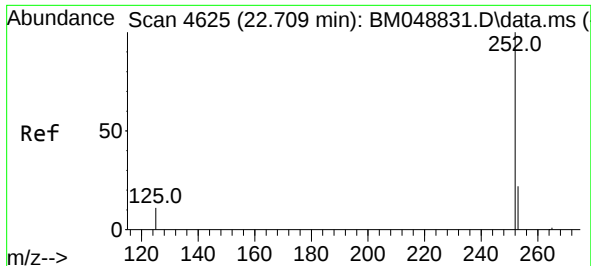
Tgt Ion:228 Resp: 6330
Ion Ratio Lower Upper
228 100
229 20.2 17.0 25.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.213 min Scan# 4113
Delta R.T. -0.009 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

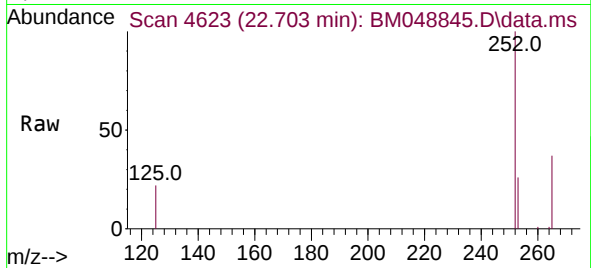
Tgt Ion:228 Resp: 9347
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 20.1 16.1 24.1



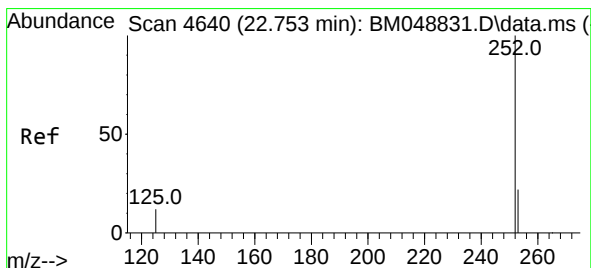
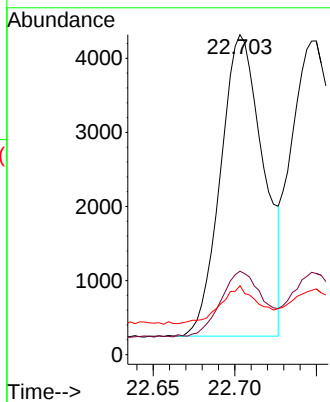
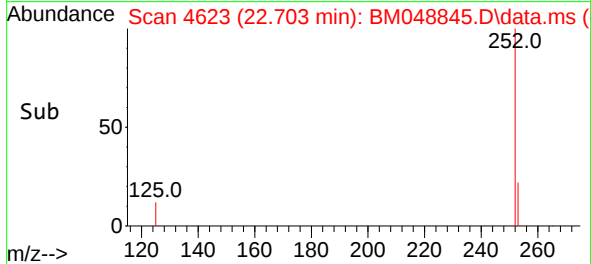


#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.703 min Scan# 4623
Delta R.T. -0.017 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

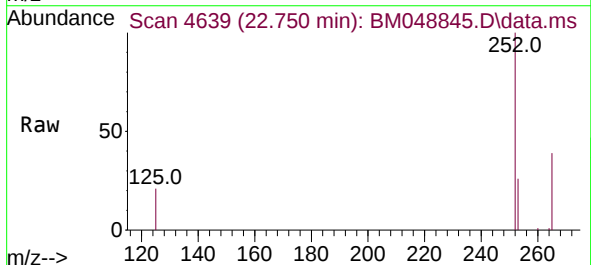
Instrument :
BNA_M
ClientSampleId :
SLCS387



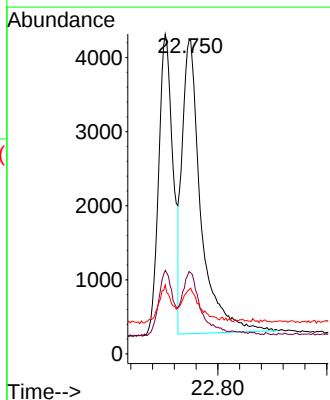
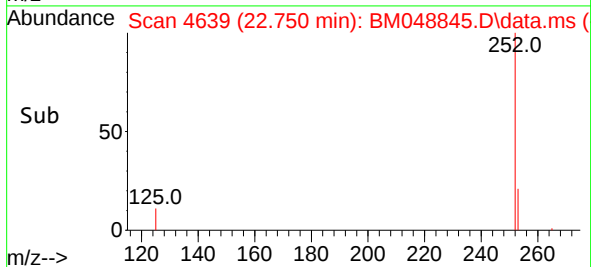
Tgt Ion:252 Resp: 7404
Ion Ratio Lower Upper
252 100
253 26.1 0.0 54.2
125 21.6 0.0 41.4

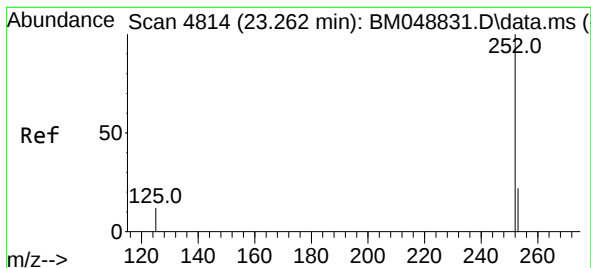


#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 22.750 min Scan# 4639
Delta R.T. -0.015 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38



Tgt Ion:252 Resp: 9511
Ion Ratio Lower Upper
252 100
253 25.8 20.8 31.2
125 20.9 16.2 24.4





#26

Benzo(a)pyrene

Concen: 0.380 ng/ul

RT: 23.259 min Scan# 4814

Delta R.T. -0.015 min

Lab File: BM048845.D

Acq: 05 Dec 2024 21:38

Instrument :

BNA_M

ClientSampleId :

SLCS387

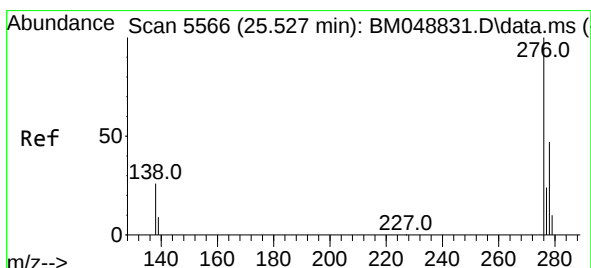
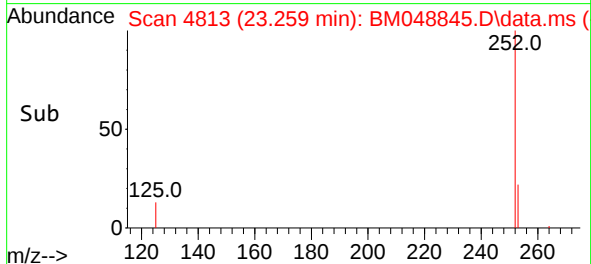
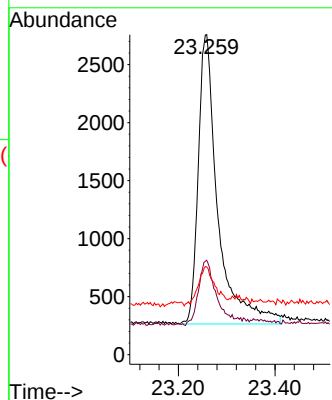
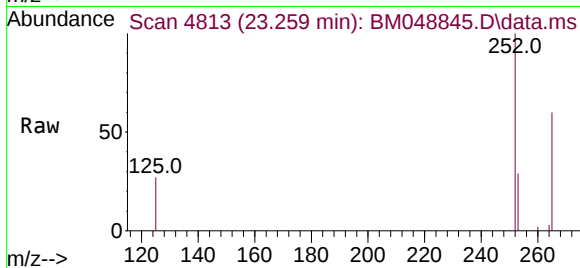
Tgt Ion:252 Resp: 7016

Ion Ratio Lower Upper

252 100

253 29.5 22.5 33.7

125 27.4 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 25.514 min Scan# 5562

Delta R.T. -0.033 min

Lab File: BM048845.D

Acq: 05 Dec 2024 21:38

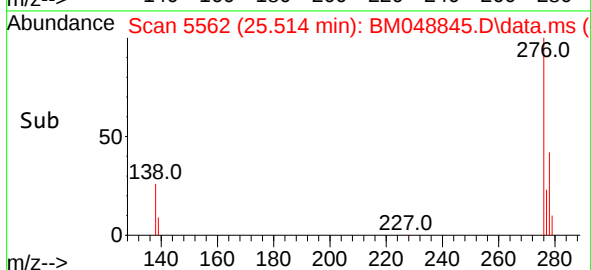
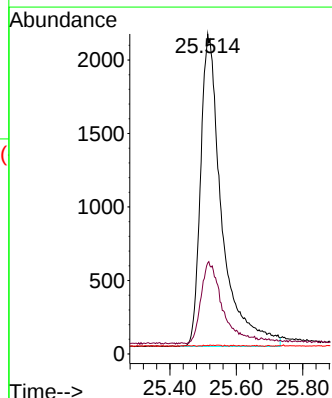
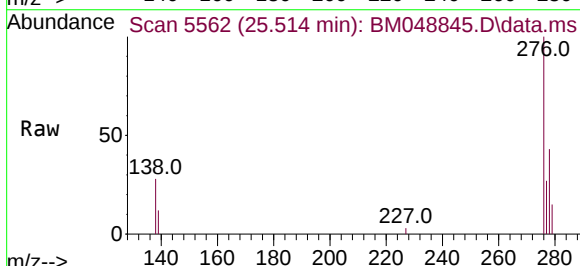
Tgt Ion:276 Resp: 9458

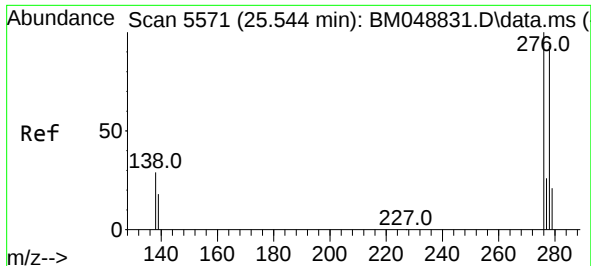
Ion Ratio Lower Upper

276 100

138 26.6 23.3 34.9

227 0.1 0.1 0.1#

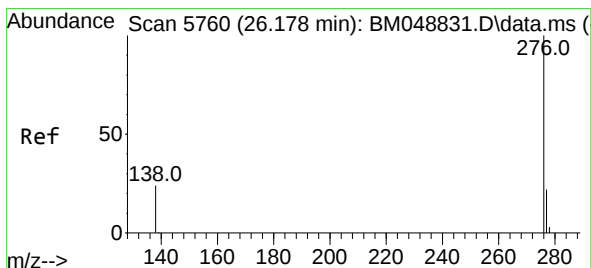
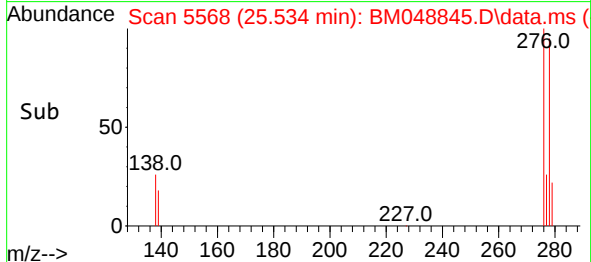
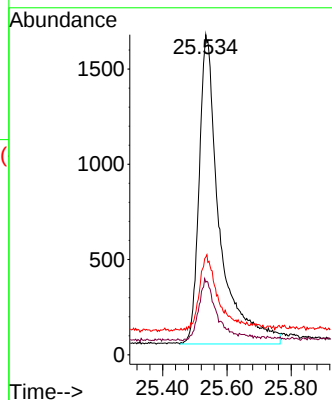
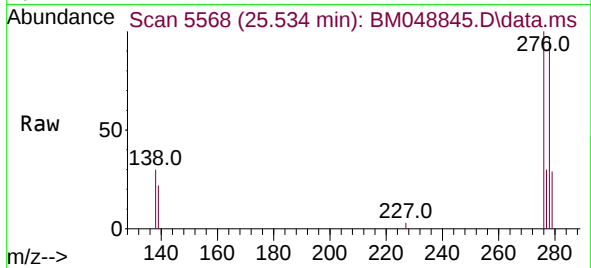




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.534 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Instrument :
BNA_M
ClientSampleId :
SLCS387

Tgt Ion:278 Resp: 7148
Ion Ratio Lower Upper
278 100
139 22.7 18.6 27.8
279 30.5 24.7 37.1



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 26.161 min Scan# 5755
Delta R.T. -0.033 min
Lab File: BM048845.D
Acq: 05 Dec 2024 21:38

Tgt Ion:276 Resp: 8221
Ion Ratio Lower Upper
276 100
138 26.6 22.2 33.2
277 26.5 21.8 32.6

