

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049225.D
 Acq On : 26 Dec 2024 14:35
 Operator : RC/JU
 Sample : PB165769BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS769

Quant Time: Dec 26 21:57:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

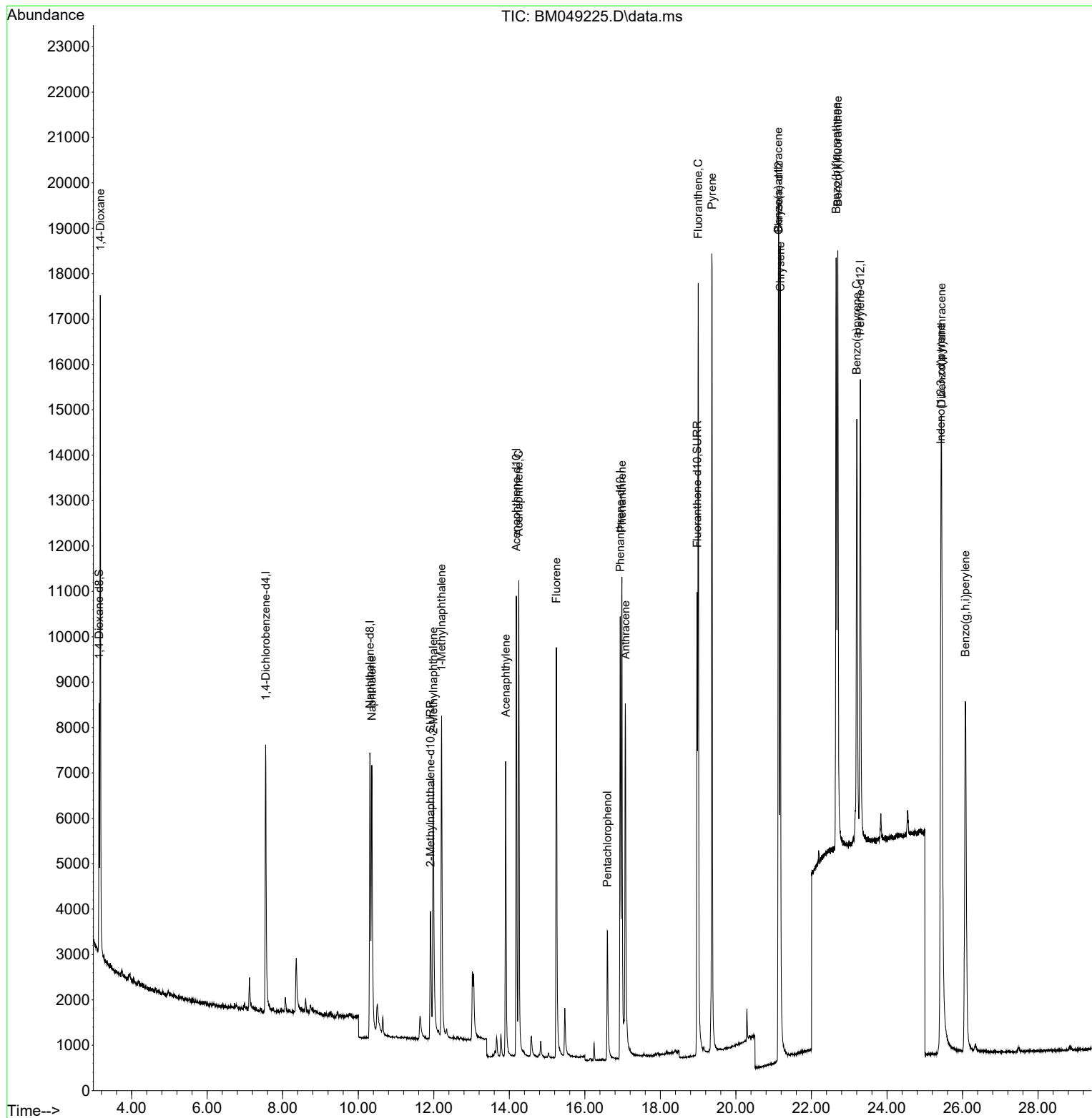
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	3847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	11085	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.186	164	6481	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	13994	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	12788	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	14452	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2962	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	5400	0.362	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	13523	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.168	88	8524	1.644	ng/ul#	75
5) Naphthalene	10.358	128	9773	0.352	ng/ul	99
7) 2-Methylnaphthalene	11.986	142	5948	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.206	142	6094	0.339	ng/ul	100
10) Acenaphthylene	13.904	152	8912	0.332	ng/ul	99
11) Acenaphthene	14.251	153	6758	0.345	ng/ul	99
12) Fluorene	15.246	166	7599	0.344	ng/ul	98
14) Pentachlorophenol	16.600	266	2626	0.679	ng/ul	97
15) Phenanthrene	16.980	178	12514	0.342	ng/ul	100
16) Anthracene	17.072	178	11437	0.341	ng/ul	99
19) Fluoranthene	19.001	202	16332	0.353	ng/ul	99
20) Pyrene	19.363	202	17340	0.352	ng/ul	99
21) Benzo(a)anthracene	21.123	228	15106	0.340	ng/ul	99
22) Chrysene	21.175	228	17665	0.370	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	16630	0.360	ng/ul	98
25) Benzo(k)fluoranthene	22.698	252	19166	0.378	ng/ul	98
26) Benzo(a)pyrene	23.201	252	15766	0.356	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.427	276	21958	0.350	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.447	278	16868	0.346	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	17881	0.355	ng/ul	98

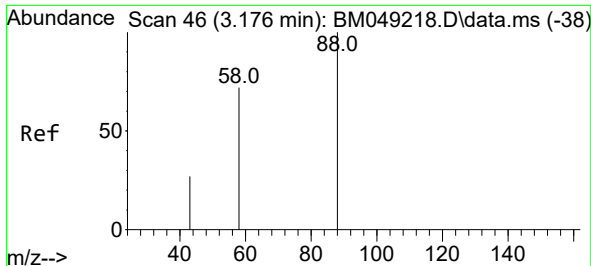
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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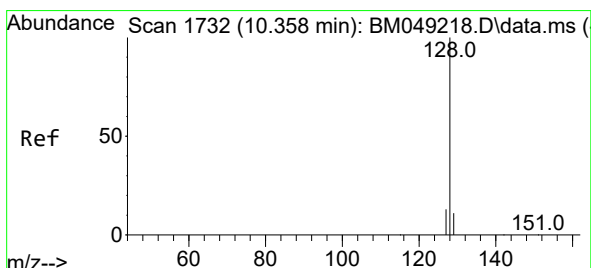
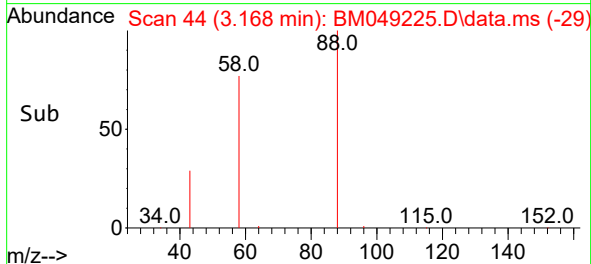
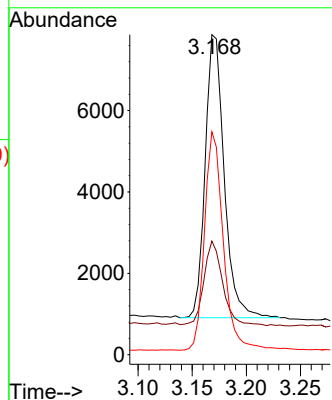
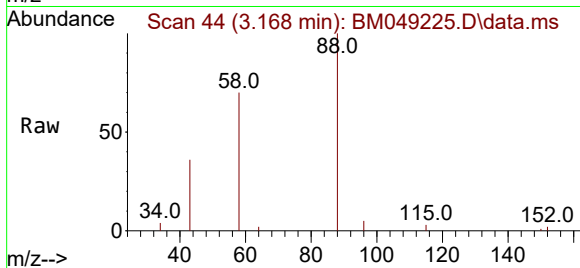




#2
1,4-Dioxane
Concen: 1.644 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. -0.008 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

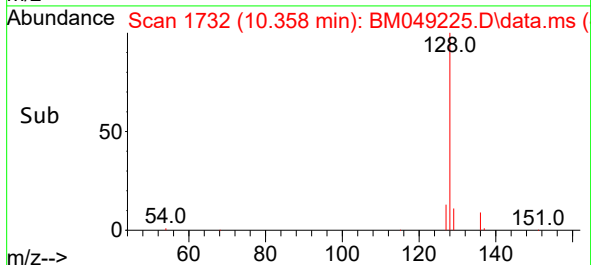
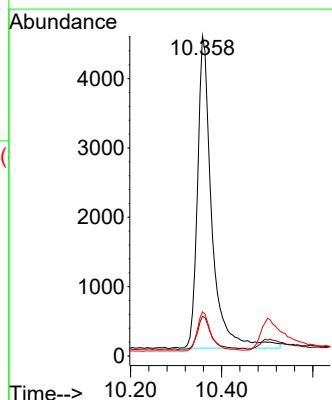
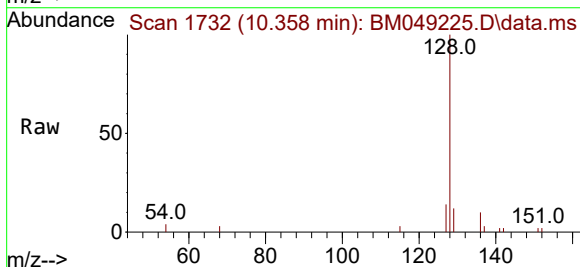
Instrument :
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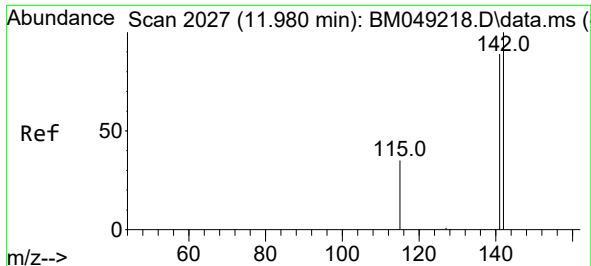
Tgt Ion: 88 Resp: 8524
Ion Ratio Lower Upper
88 100
43 35.5 45.4 68.2#
58 69.7 43.6 65.4#



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.358 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion: 128 Resp: 9773
Ion Ratio Lower Upper
128 100
129 12.4 9.7 14.5
127 13.8 10.6 16.0

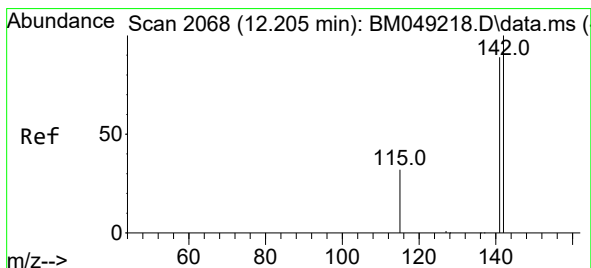
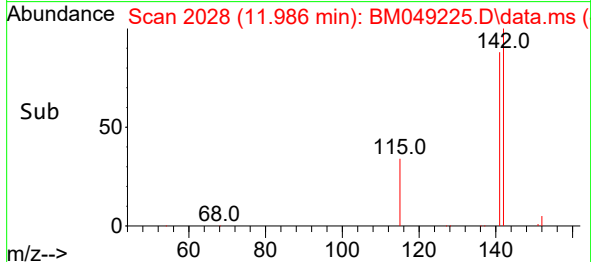
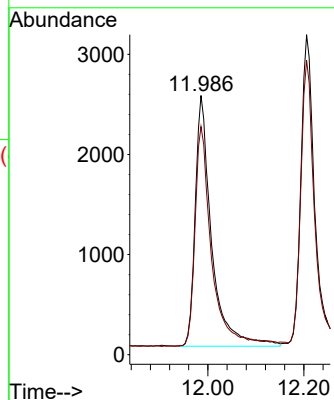
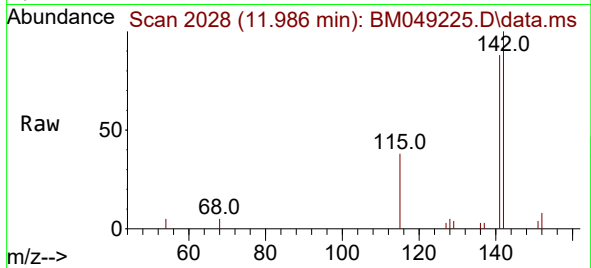




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 11.986 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

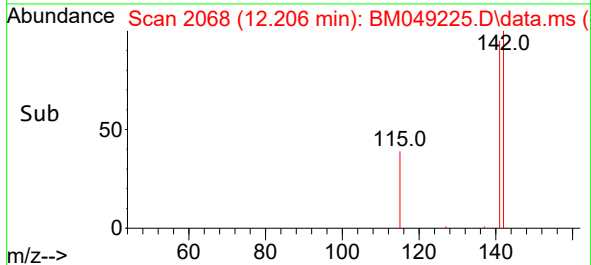
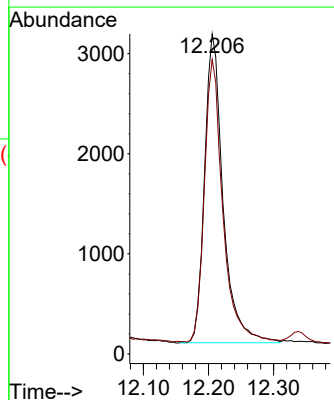
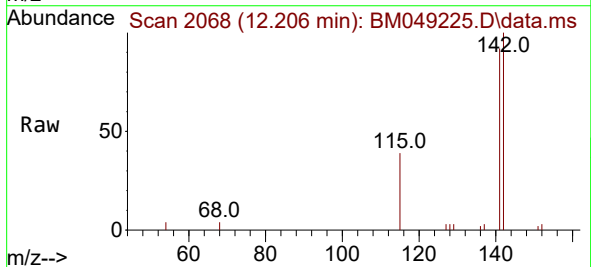
Instrument :
BNA_M
ClientSampleId :
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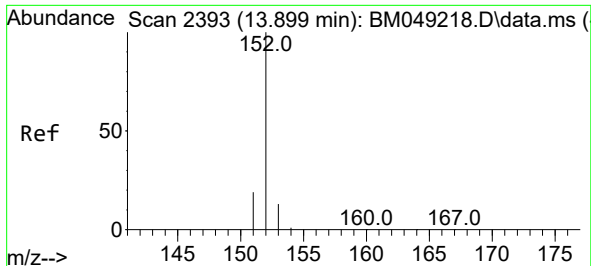
Tgt Ion:142 Resp: 5948
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.206 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:142 Resp: 6094
Ion Ratio Lower Upper
142 100
141 91.4 72.7 109.1

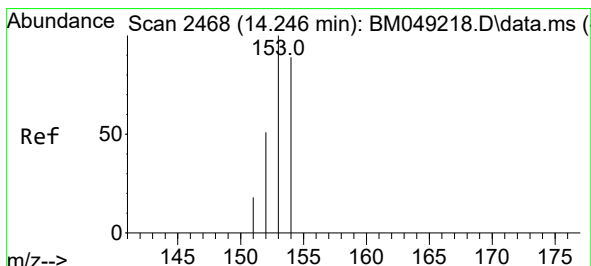
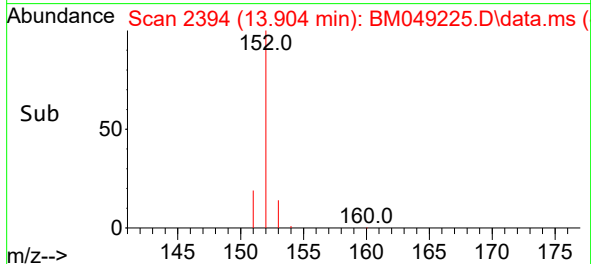
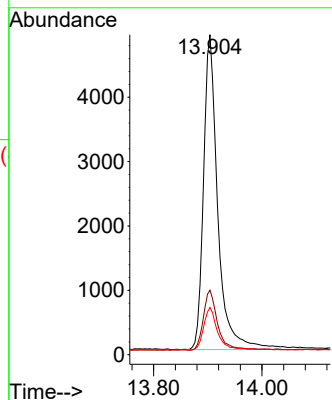
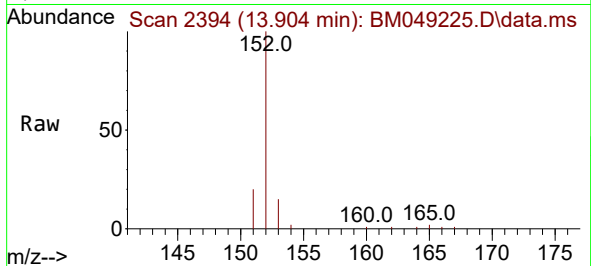




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 13.904 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

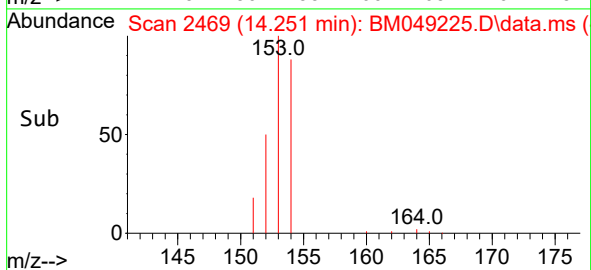
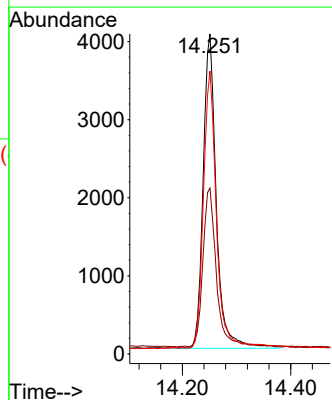
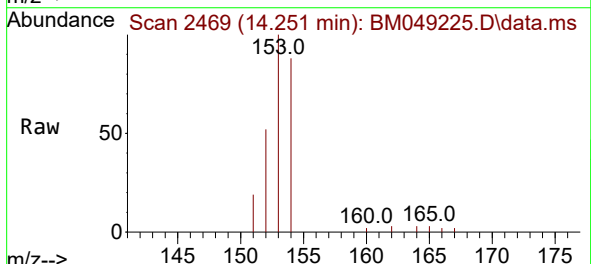
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ClientSampleId :
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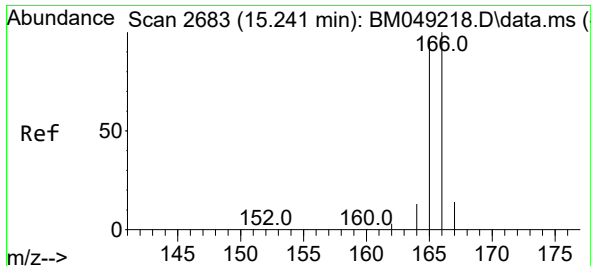
Tgt Ion:152 Resp: 8912
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.7 11.0 16.6



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. 0.005 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:153 Resp: 6758
Ion Ratio Lower Upper
153 100
152 51.9 40.7 61.1
154 88.4 70.8 106.2

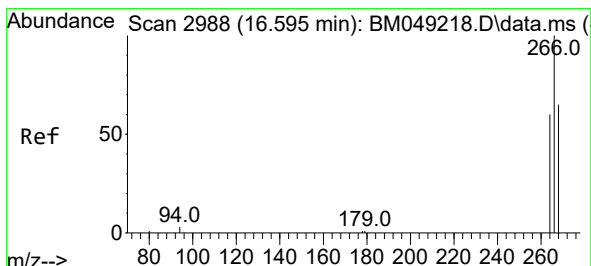
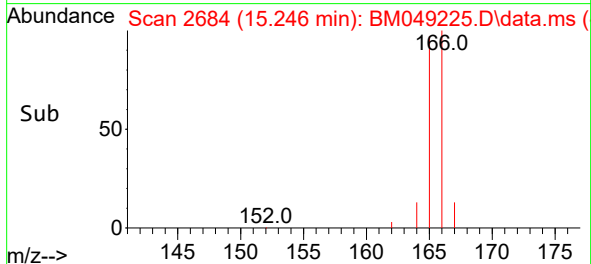
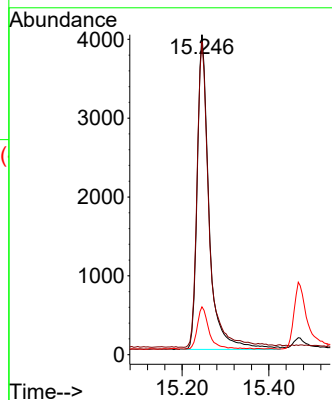
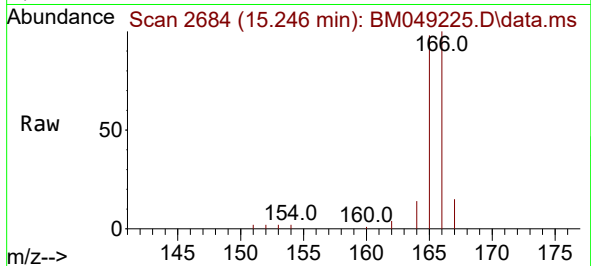




#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.246 min Scan# 20
Delta R.T. 0.005 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

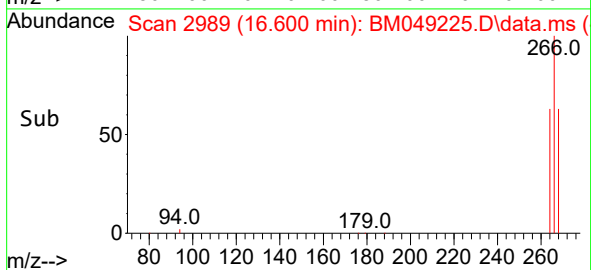
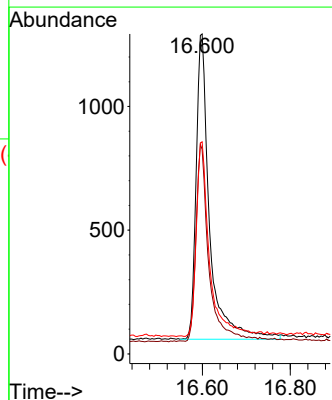
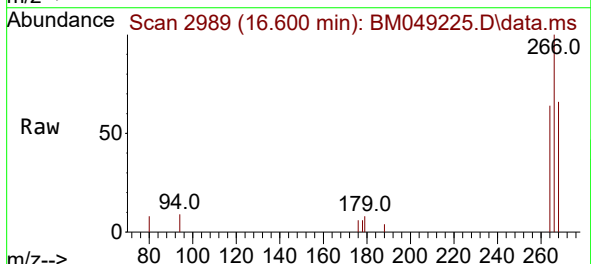
Instrument :
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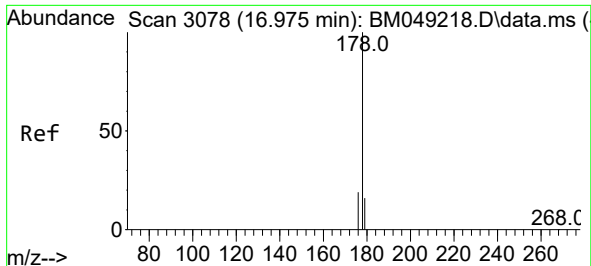
Tgt Ion:166 Resp: 7599
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 14.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.679 ng/ul
RT: 16.600 min Scan# 2989
Delta R.T. 0.004 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:266 Resp: 2626
Ion Ratio Lower Upper
266 100
264 61.9 48.3 72.5
268 62.3 47.5 71.3

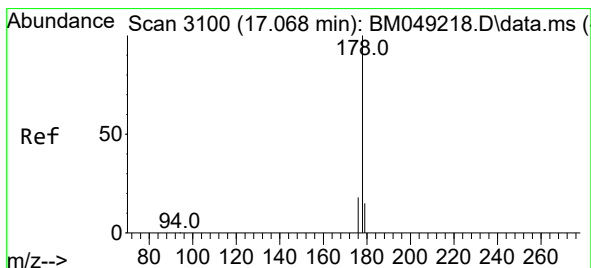
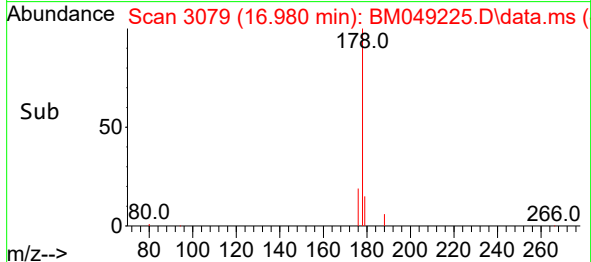
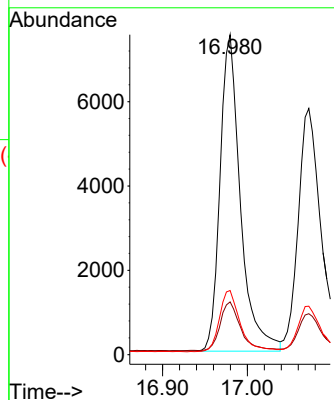
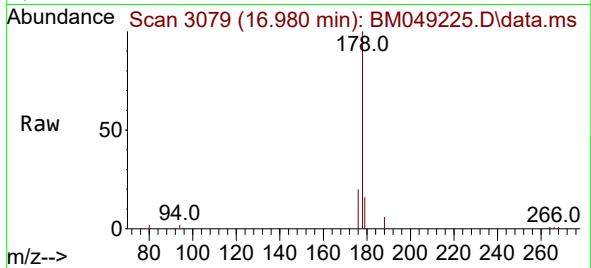




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 16.980 min Scan# 3078
Delta R.T. 0.004 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

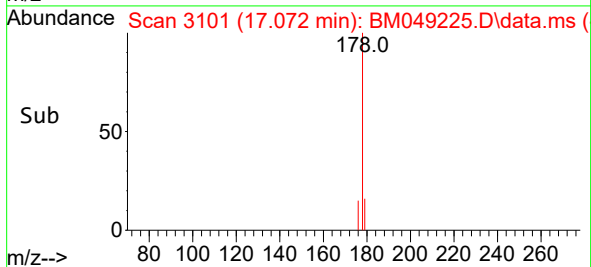
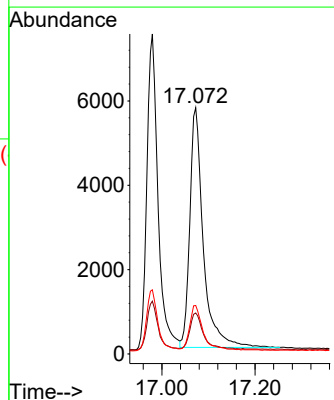
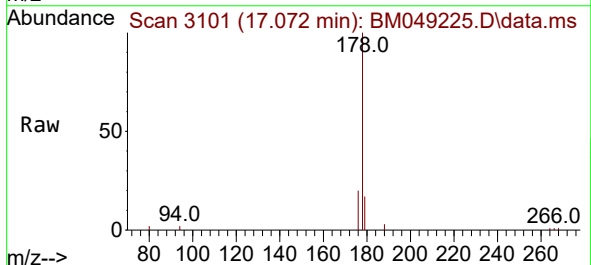
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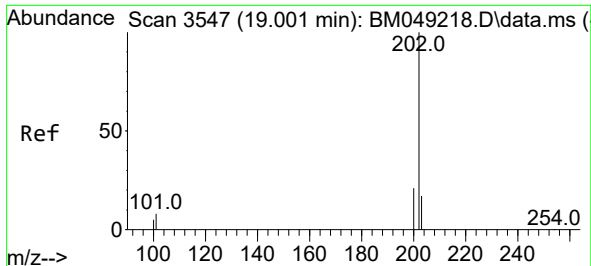
Tgt Ion:178 Resp: 12514
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.1 16.2 24.2



#16
Anthracene
Concen: 0.341 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:178 Resp: 11437
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.7 15.3 22.9

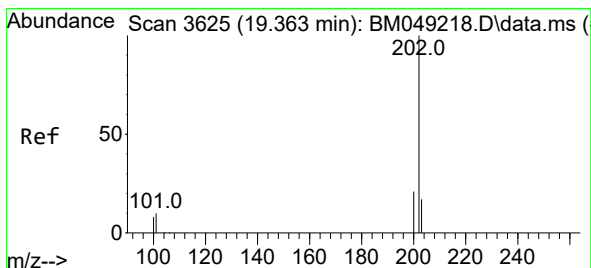
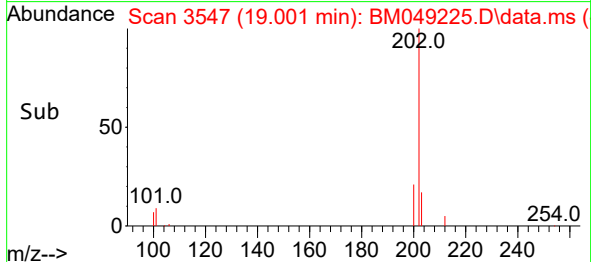
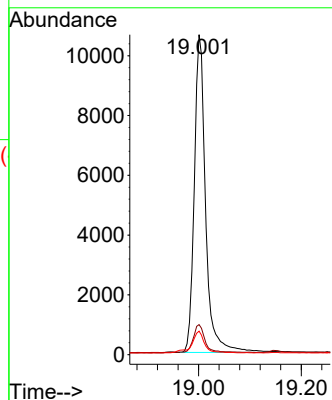
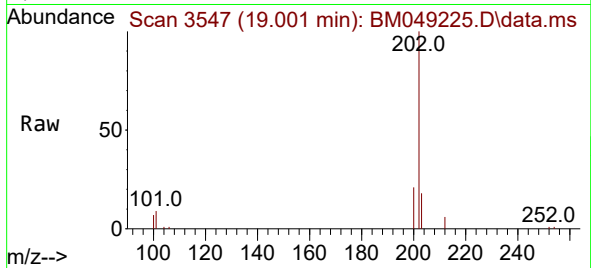




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. 0.000 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

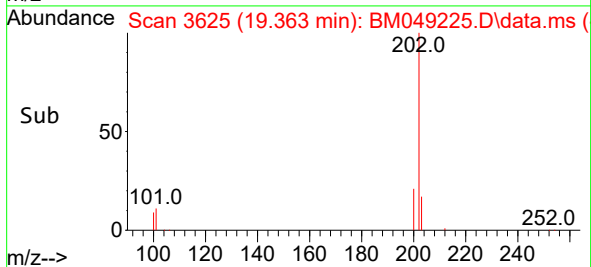
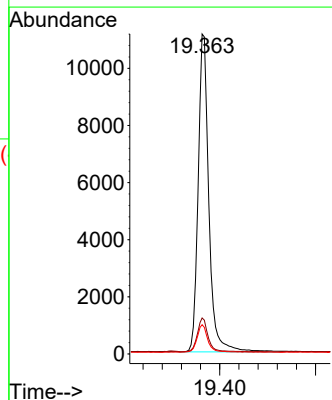
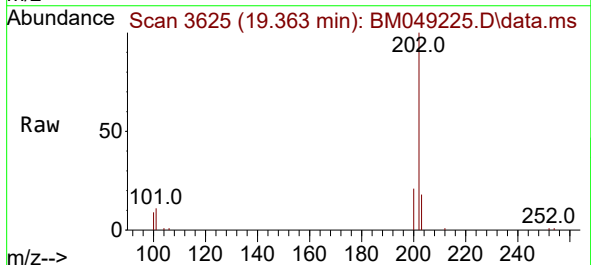
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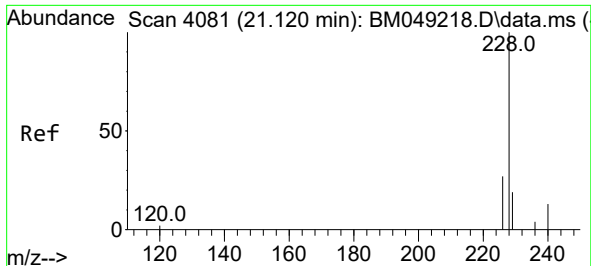
Tgt Ion:202 Resp: 16332
Ion Ratio Lower Upper
202 100
101 9.4 7.6 11.4
100 7.4 5.5 8.3



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:202 Resp: 17340
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 9.1 6.9 10.3

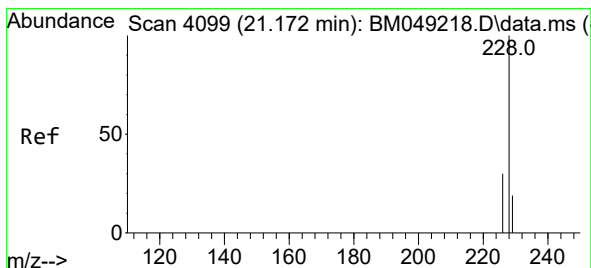
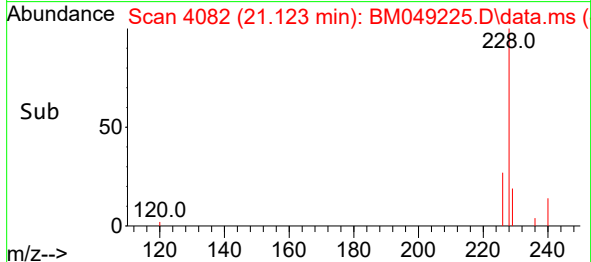
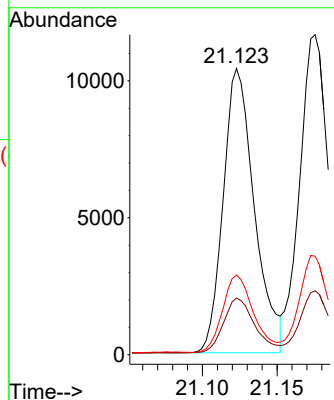
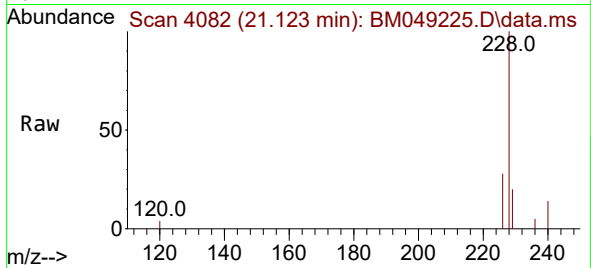




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.123 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

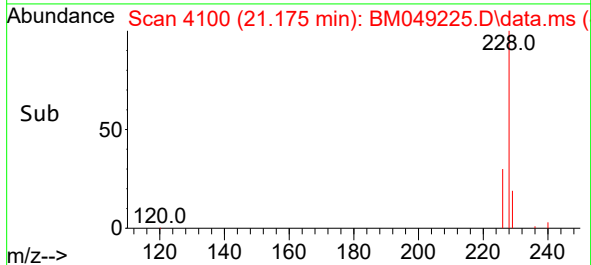
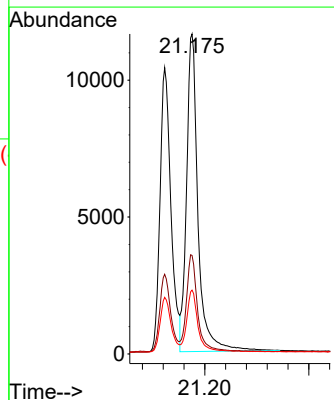
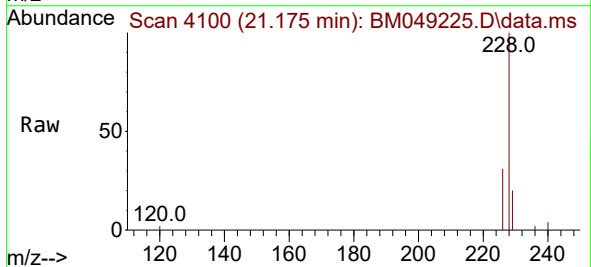
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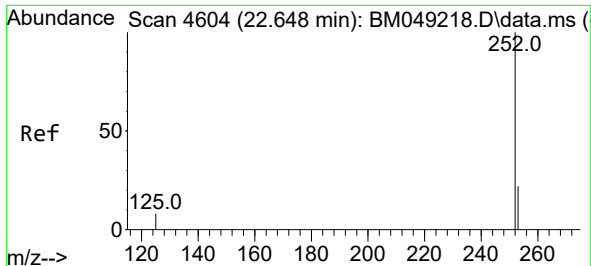
Tgt Ion:228 Resp: 15106
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 27.8 22.6 34.0



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. 0.003 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

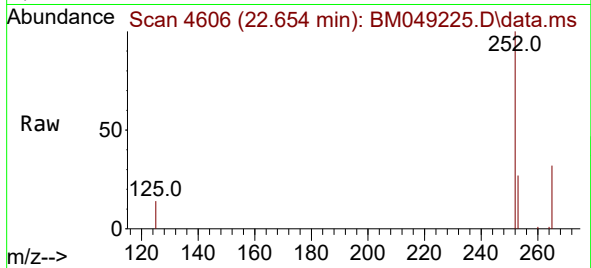
Tgt Ion:228 Resp: 17665
Ion Ratio Lower Upper
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226 30.8 24.1 36.1
229 19.9 15.8 23.8



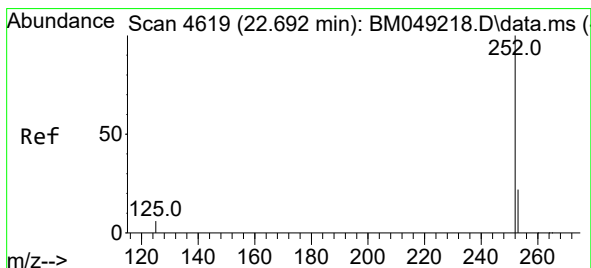
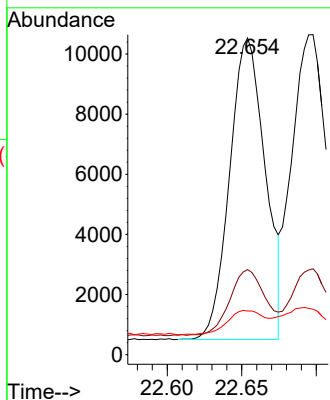


#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. 0.006 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Instrument :
BNA_M
ClientSampleId :
SLCS769

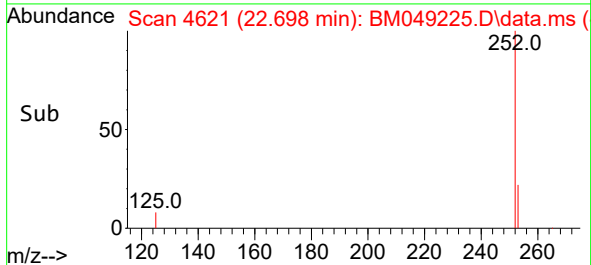
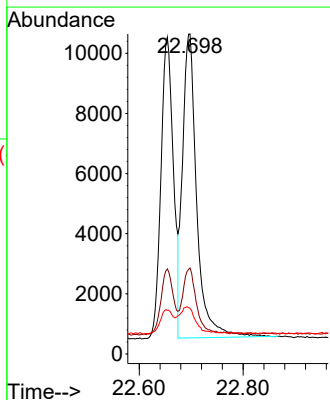
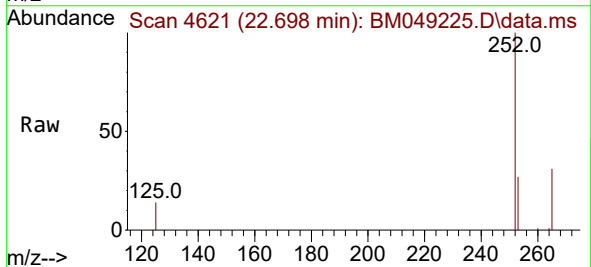


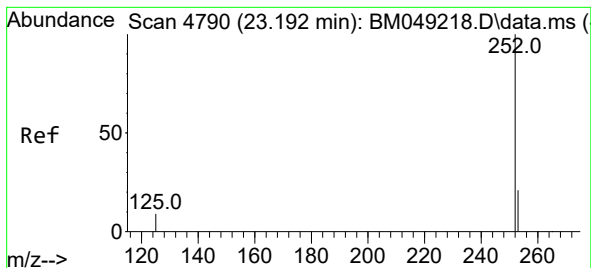
Tgt Ion:252 Resp: 16630
Ion Ratio Lower Upper
252 100
253 26.9 0.0 52.6
125 13.8 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.698 min Scan# 4621
Delta R.T. 0.006 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:252 Resp: 19166
Ion Ratio Lower Upper
252 100
253 26.8 21.3 31.9
125 14.2 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.356 ng/ul

RT: 23.201 min Scan# 4793

Delta R.T. 0.009 min

Lab File: BM049225.D

Acq: 26 Dec 2024 14:35

Instrument :

BNA_M

ClientSampleId :

SLCS769

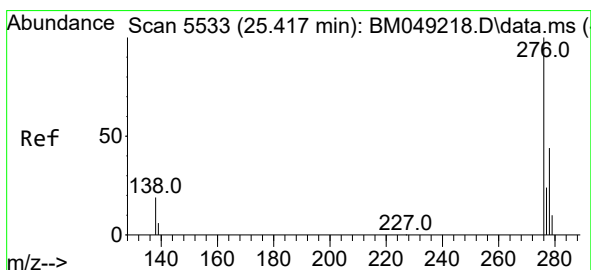
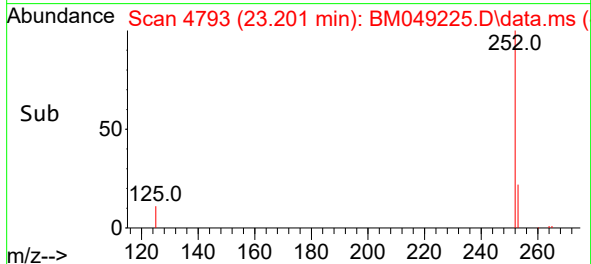
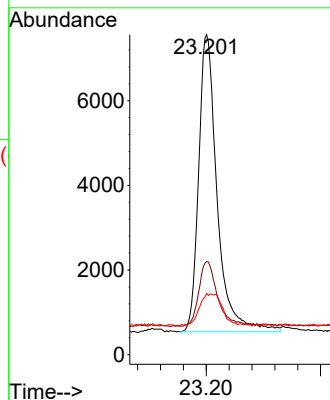
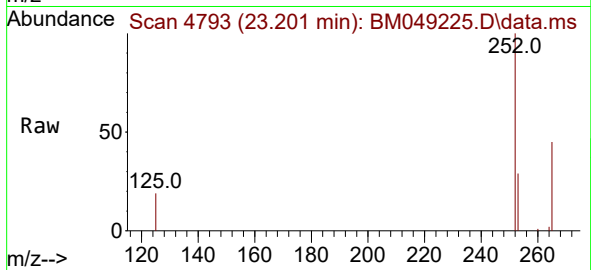
Tgt Ion:252 Resp: 15766

Ion Ratio Lower Upper

252 100

253 29.1 22.4 33.6

125 19.2 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. 0.010 min

Lab File: BM049225.D

Acq: 26 Dec 2024 14:35

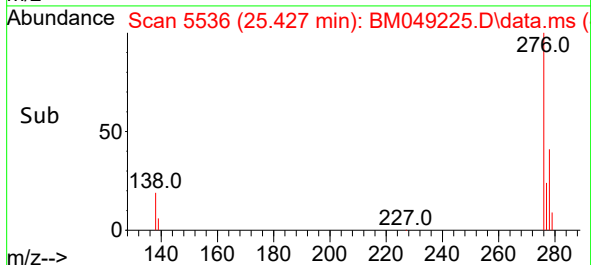
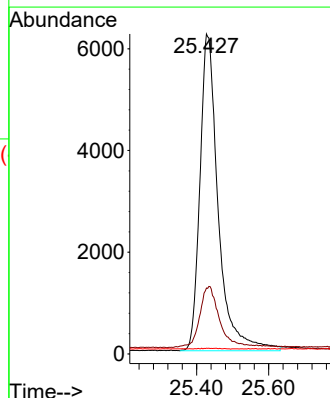
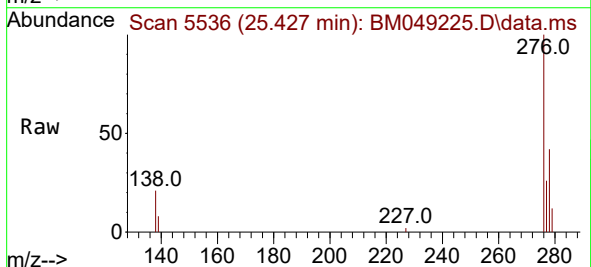
Tgt Ion:276 Resp: 21958

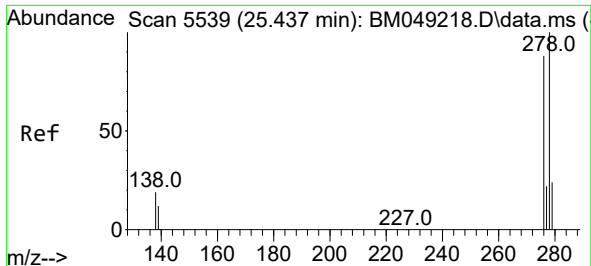
Ion Ratio Lower Upper

276 100

138 21.6 17.4 26.2

227 0.1 0.2 0.2#

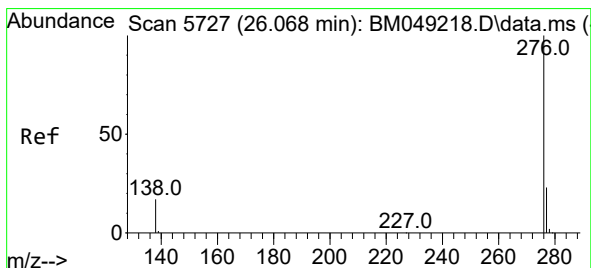
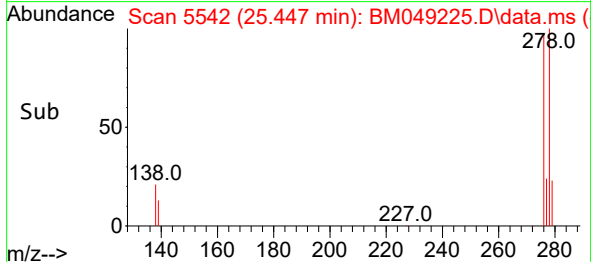
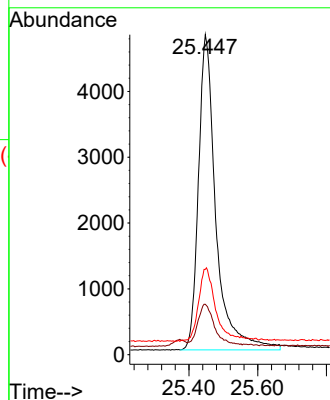
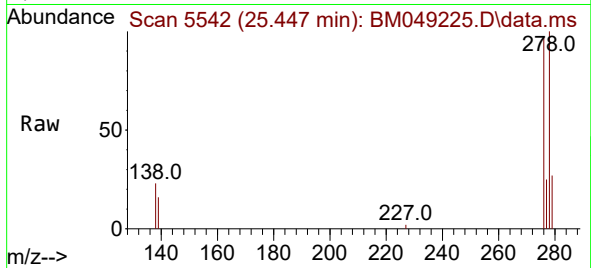




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Instrument :
BNA_M
ClientSampleId :
SLCS769

Tgt Ion:278 Resp: 16868
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 26.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. 0.007 min
Lab File: BM049225.D
Acq: 26 Dec 2024 14:35

Tgt Ion:276 Resp: 17881
Ion Ratio Lower Upper
276 100
138 19.7 16.7 25.1
277 25.5 19.9 29.9

