

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049292.D
 Acq On : 28 Dec 2024 14:32
 Operator : RC/JU
 Sample : PB165848BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

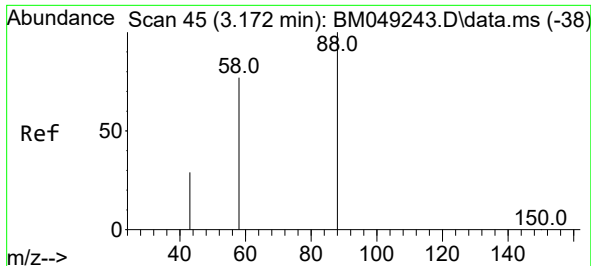
Instrument :
 BNA_M
 ClientSampleId :
 SLCS848

Quant Time: Dec 29 21:57:45 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)

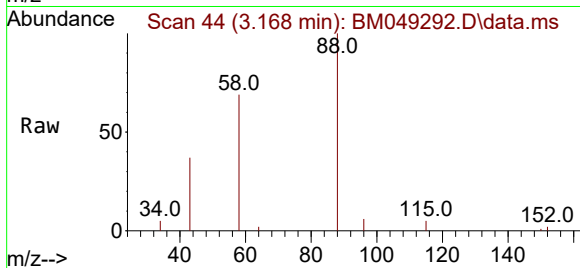
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5992	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	18716	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	11788	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	25603	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	24712	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	27459	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3649	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	7759	0.308	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	20225	0.288	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.168	88	10045	1.244	ng/ul#	76
5) Naphthalene	10.354	128	13079	0.279	ng/ul	98
7) 2-Methylnaphthalene	11.981	142	8253	0.278	ng/ul	100
8) 1-Methylnaphthalene	12.196	142	8708	0.286	ng/ul	100
10) Acenaphthylene	13.896	152	12857	0.263	ng/ul	99
11) Acenaphthene	14.243	153	9491	0.266	ng/ul	99
12) Fluorene	15.238	166	11009	0.274	ng/ul	99
14) Pentachlorophenol	16.592	266	3830	0.541	ng/ul	96
15) Phenanthrene	16.972	178	17923	0.268	ng/ul	100
16) Anthracene	17.065	178	16692	0.272	ng/ul	99
19) Fluoranthene	18.998	202	23585	0.264	ng/ul	98
20) Pyrene	19.360	202	25259	0.265	ng/ul	99
21) Benzo(a)anthracene	21.120	228	22406	0.261	ng/ul	99
22) Chrysene	21.169	228	24825	0.269	ng/ul	99
24) Benzo(b)fluoranthene	22.648	252	23575	0.269	ng/ul	97
25) Benzo(k)fluoranthene	22.692	252	25486	0.265	ng/ul	98
26) Benzo(a)pyrene	23.194	252	22576	0.268	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.427	276	30266	0.254	ng/ul	94
28) Dibenzo(a,h)anthracene	25.437	278	23315	0.252	ng/ul	97
29) Benzo(g,h,i)perylene	26.067	276	24809	0.259	ng/ul	99

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

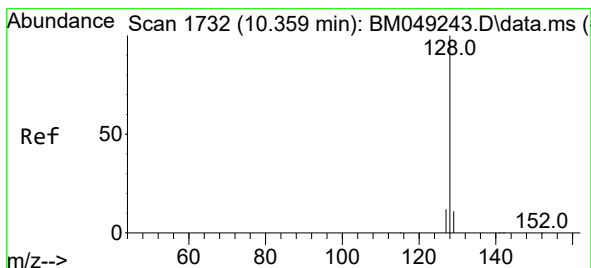
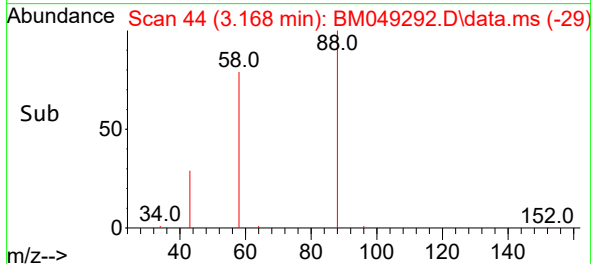
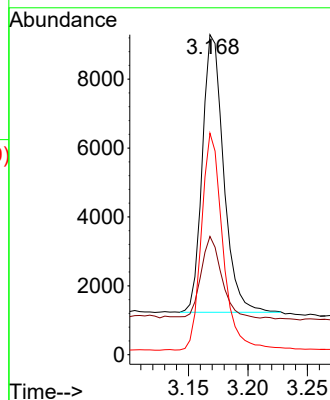


#2
1,4-Dioxane
Concen: 1.244 ng/ul
RT: 3.168 min Scan# 44
Delta R.T. -0.008 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

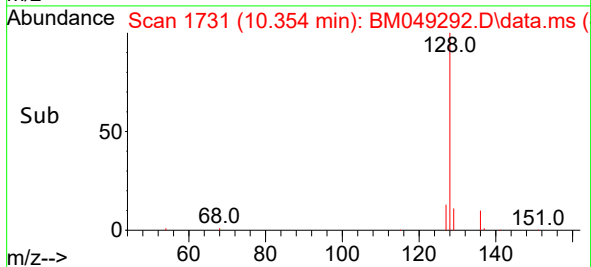
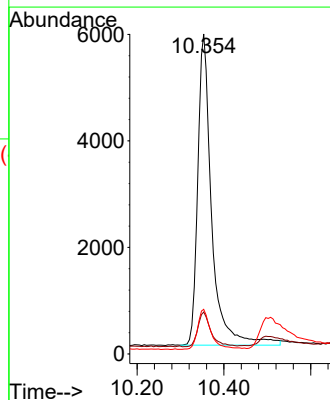
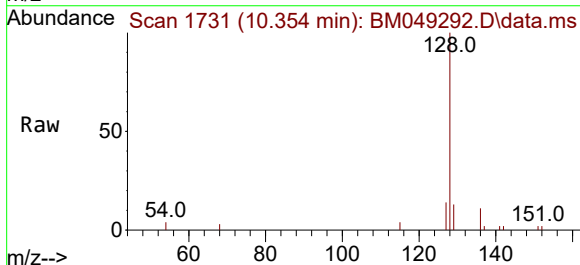


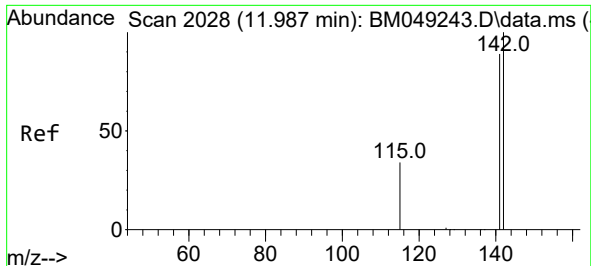
Tgt Ion: 88 Resp: 10045
Ion Ratio Lower Upper
88 100
43 37.0 45.4 68.2#
58 69.2 43.6 65.4#



#5
Naphthalene
Concen: 0.279 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion: 128 Resp: 13079
Ion Ratio Lower Upper
128 100
129 13.1 9.7 14.5
127 13.9 10.6 16.0

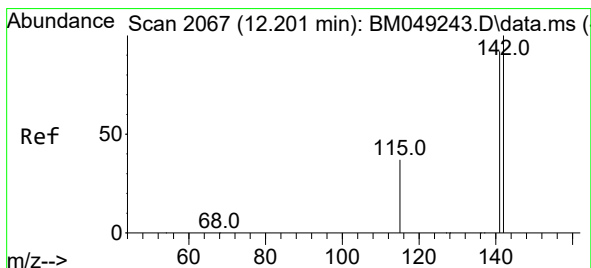
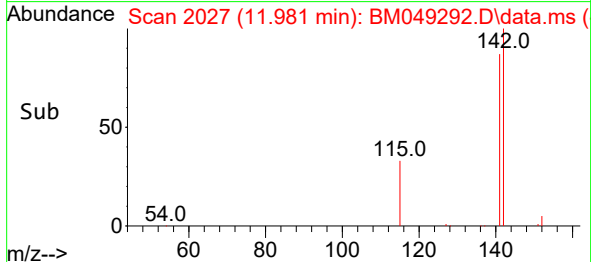
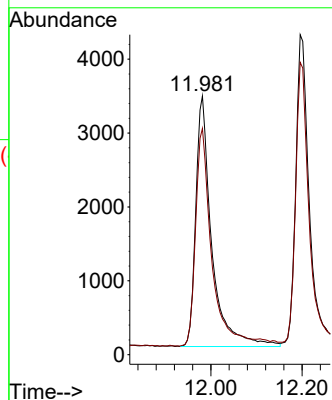
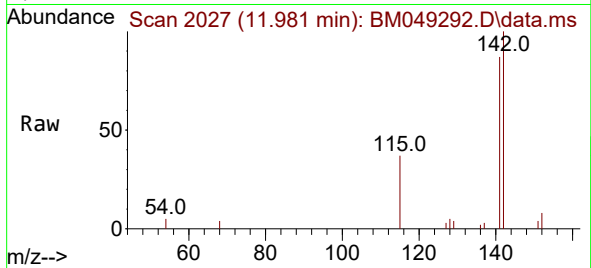




#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 11.981 min Scan# 2028
Delta R.T. 0.001 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

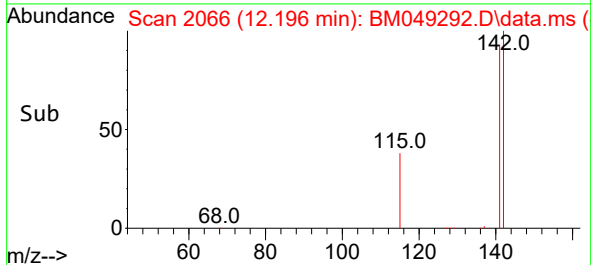
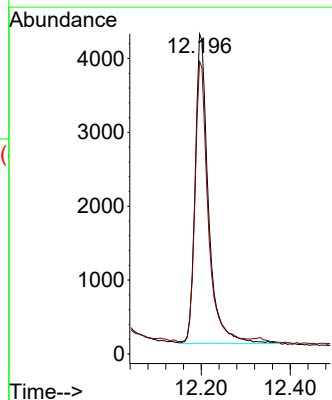
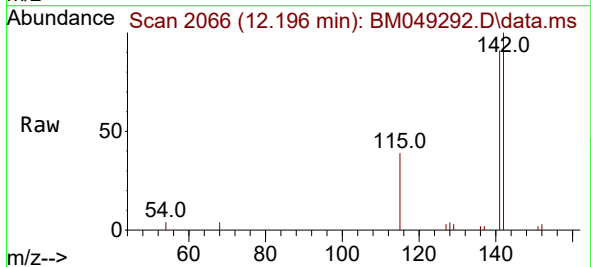
Instrument :
BNA_M
ClientSampleId :
SLCS848

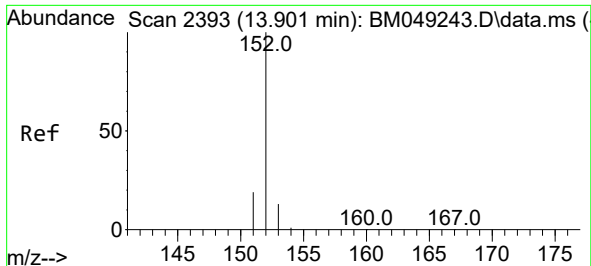
Tgt Ion:142 Resp: 8253
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

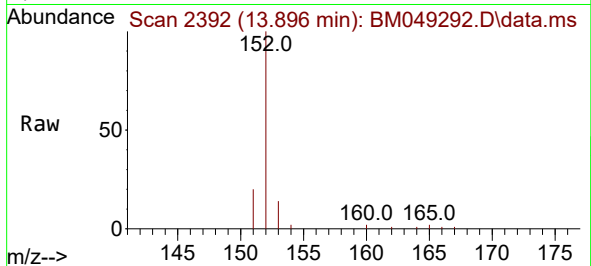
Tgt Ion:142 Resp: 8708
Ion Ratio Lower Upper
142 100
141 91.0 72.7 109.1



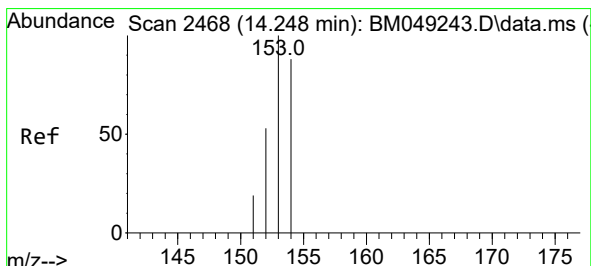
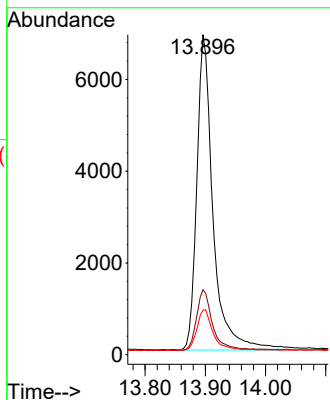
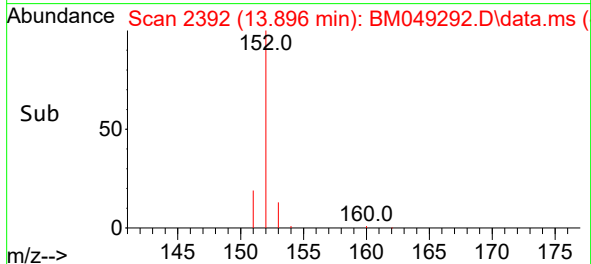


#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

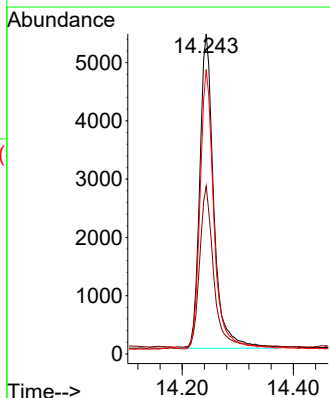
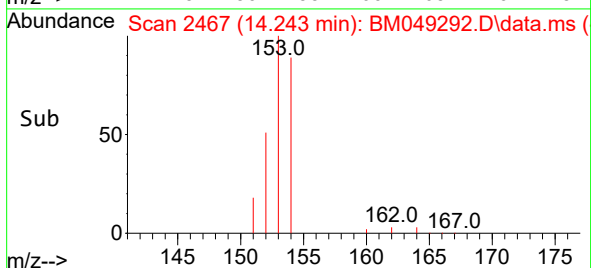
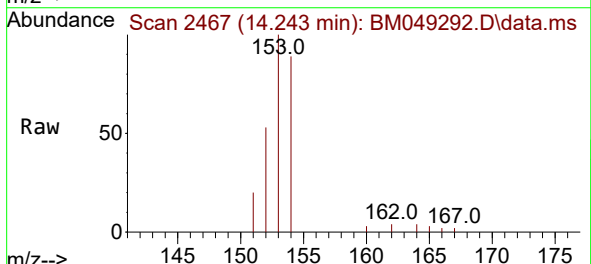


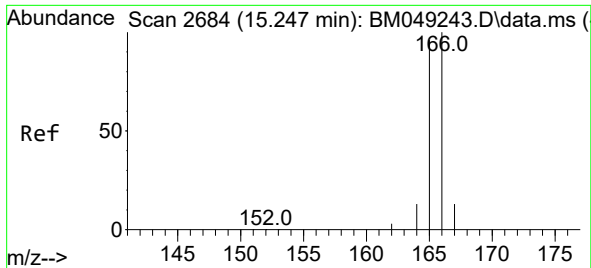
Tgt Ion:152 Resp: 12857
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.9 11.0 16.6



#11
Acenaphthene
Concen: 0.266 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:153 Resp: 9491
Ion Ratio Lower Upper
153 100
152 52.5 40.7 61.1
154 88.9 70.8 106.2

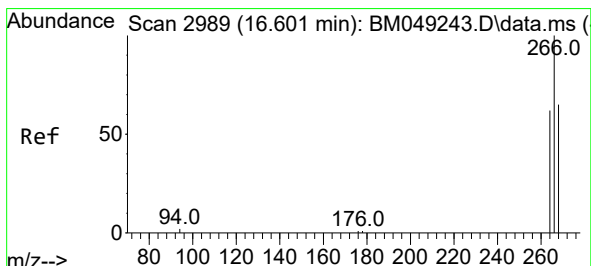
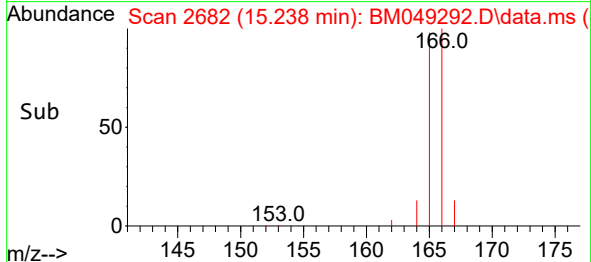
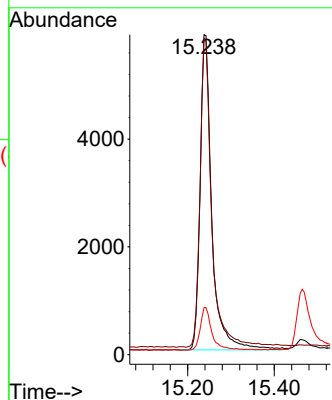
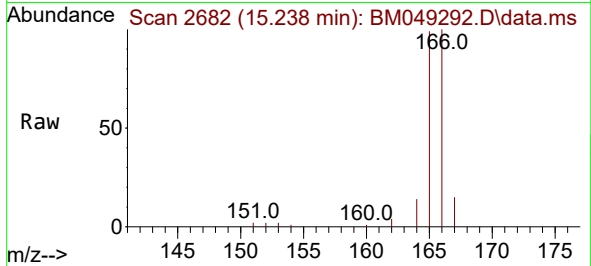




#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.238 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

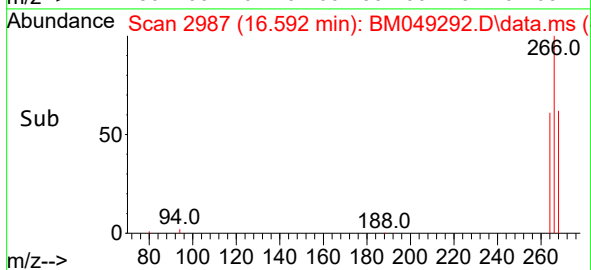
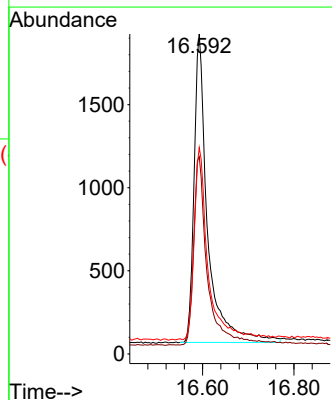
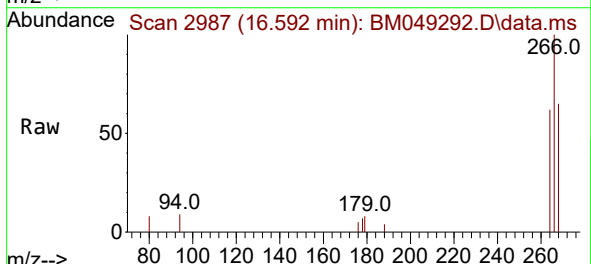
Instrument :
BNA_M
ClientSampleId :
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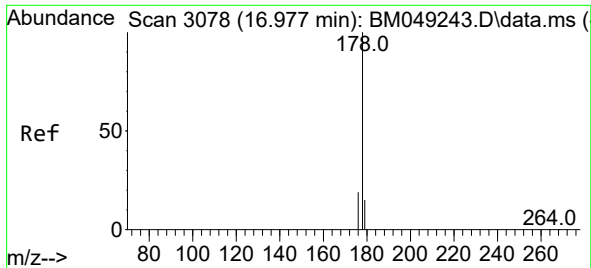
Tgt Ion:166 Resp: 11009
Ion Ratio Lower Upper
166 100
165 98.8 79.7 119.5
167 14.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.541 ng/ul
RT: 16.592 min Scan# 2987
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:266 Resp: 3830
Ion Ratio Lower Upper
266 100
264 62.6 48.3 72.5
268 63.8 47.5 71.3

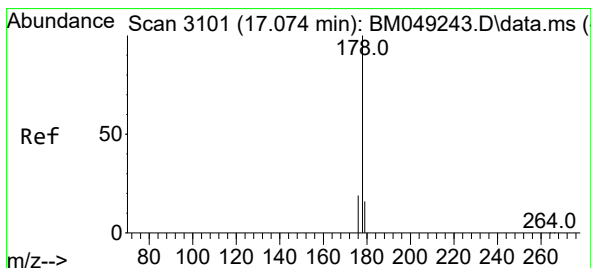
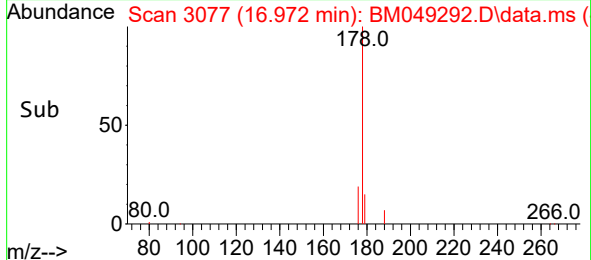
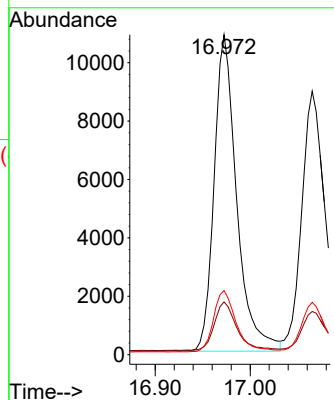
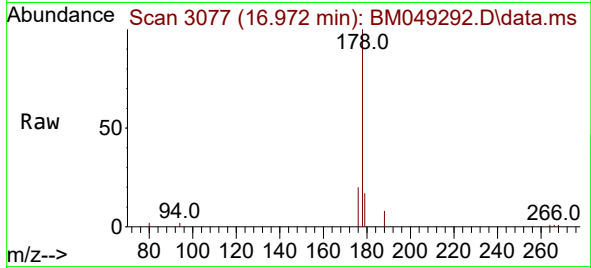




#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 16.972 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

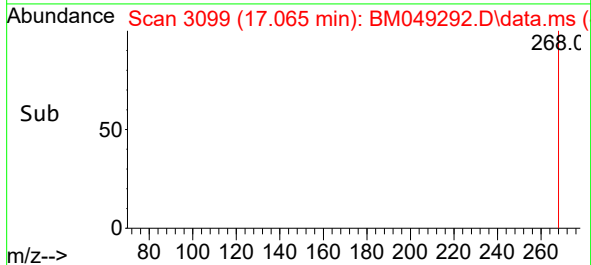
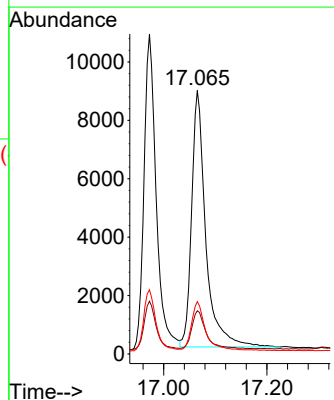
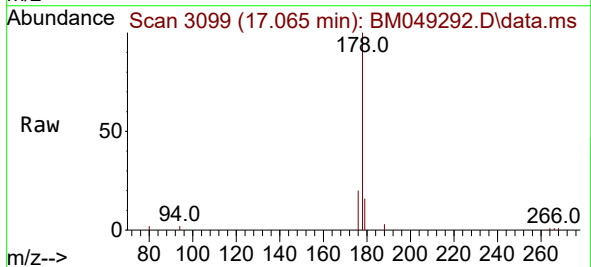
Instrument :
BNA_M
ClientSampleId :
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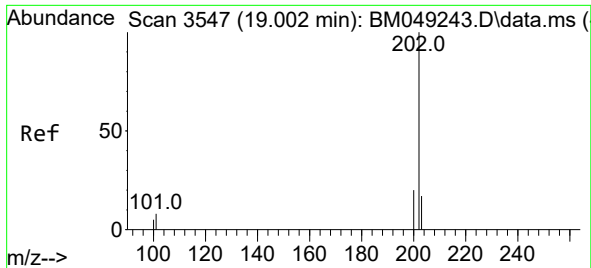
Tgt Ion:178 Resp: 17923
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.1 16.2 24.2



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:178 Resp: 16692
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.9 15.3 22.9

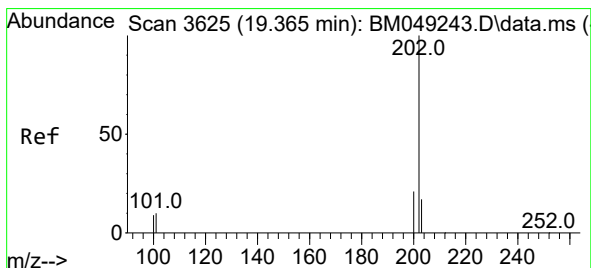
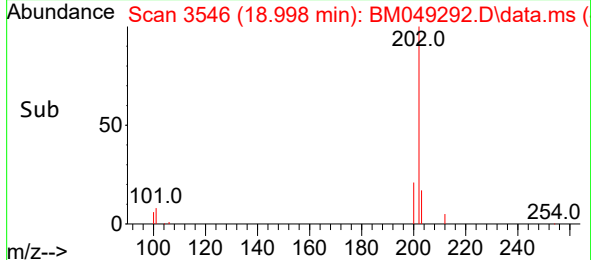
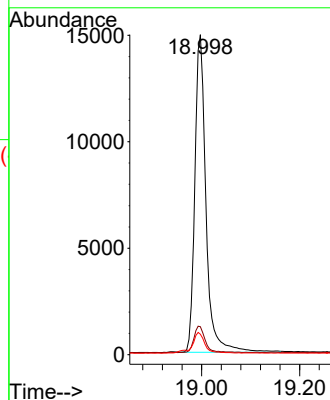
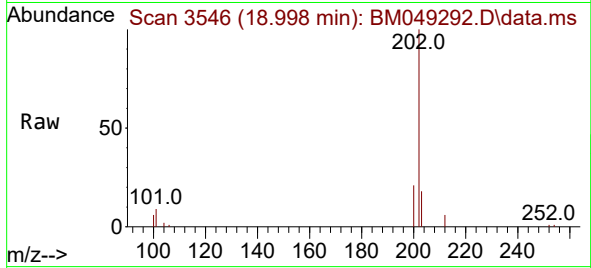




#19
Fluoranthene
Concen: 0.264 ng/ul
RT: 18.998 min Scan# 3546
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

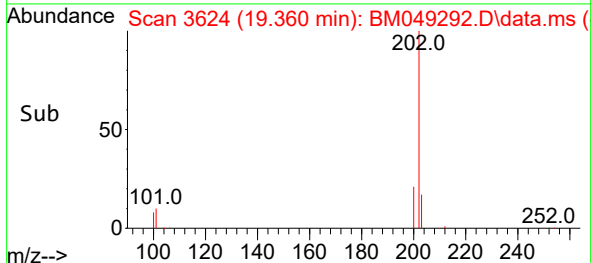
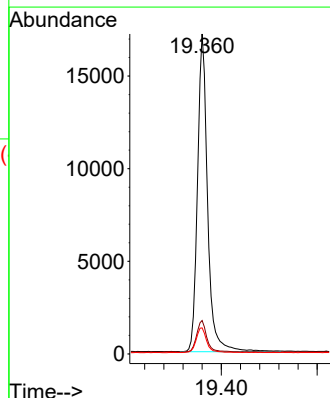
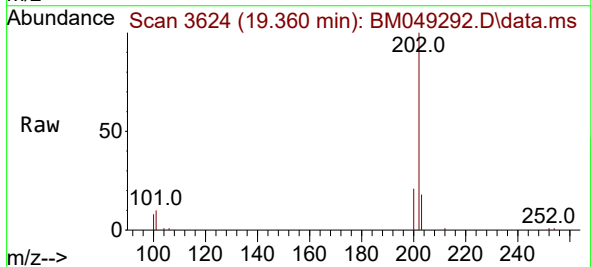
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ClientSampleId :
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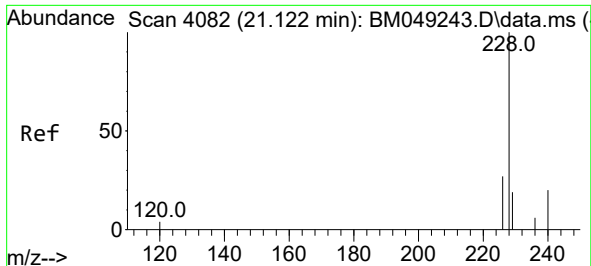
Tgt Ion:202 Resp: 23585
Ion Ratio Lower Upper
202 100
101 8.8 7.6 11.4
100 6.4 5.5 8.3



#20
Pyrene
Concen: 0.265 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

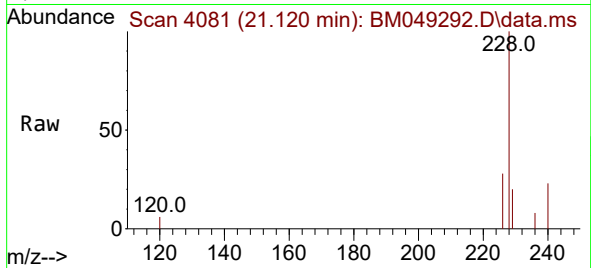
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Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.2 6.9 10.3



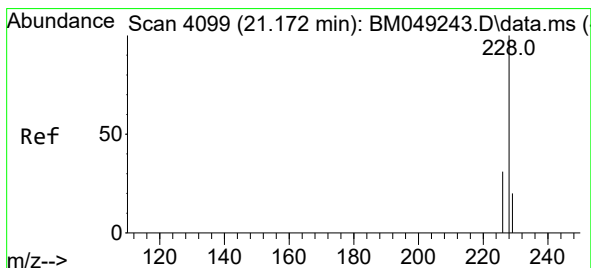
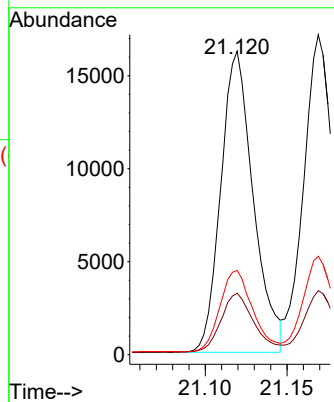
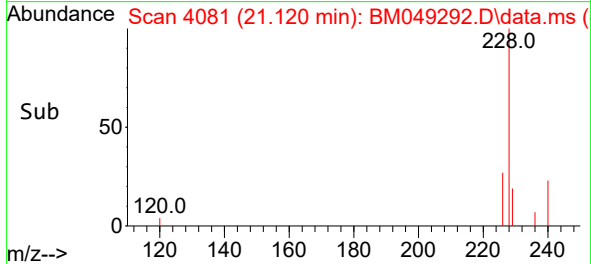


#21
Benzo(a)anthracene
Concen: 0.261 ng/ul
RT: 21.120 min Scan# 4082
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

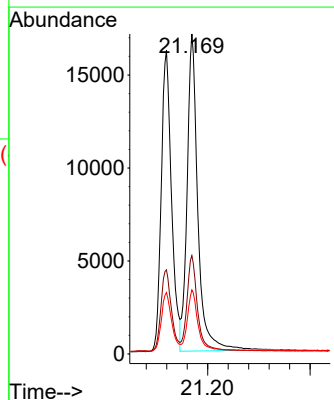
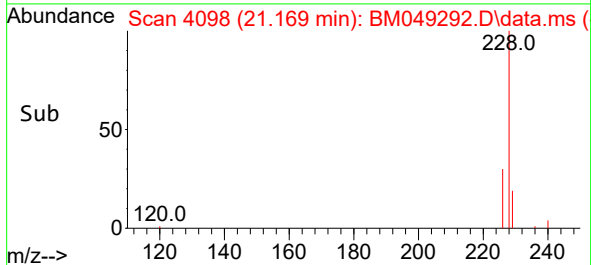
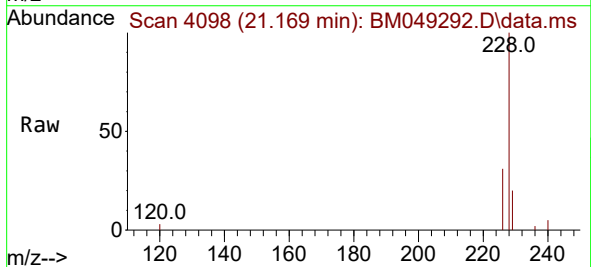


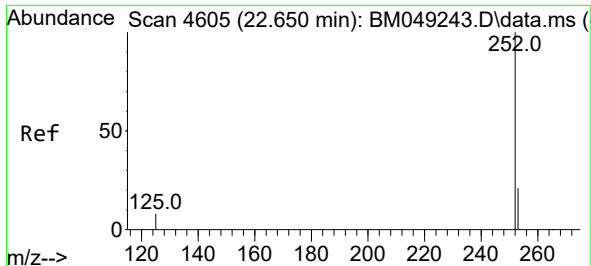
Tgt Ion:228 Resp: 22406
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 27.7 22.6 34.0



#22
Chrysene
Concen: 0.269 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:228 Resp: 24825
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 20.0 15.8 23.8

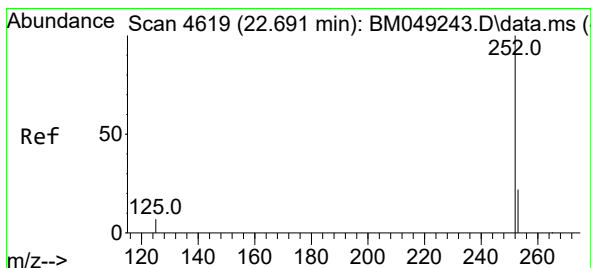
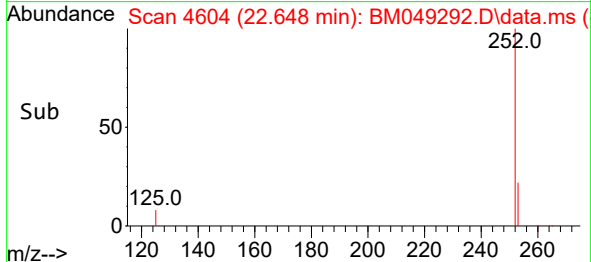
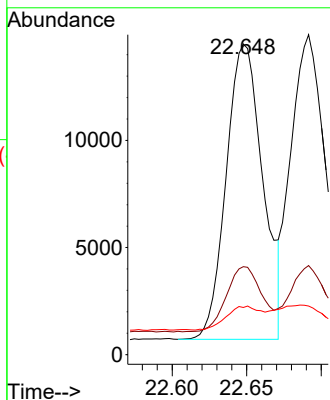
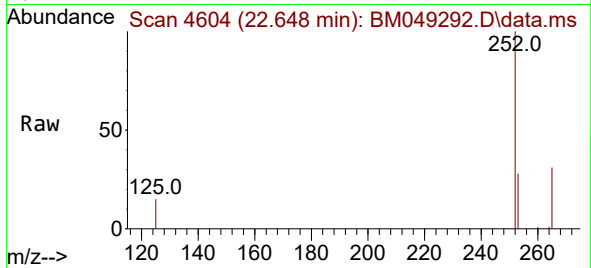




#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

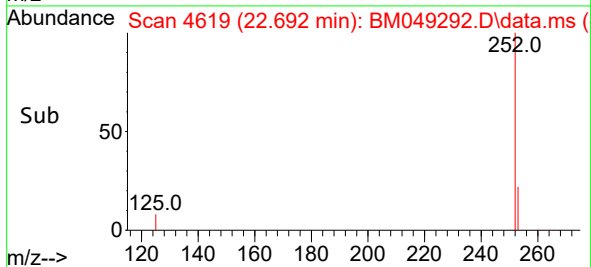
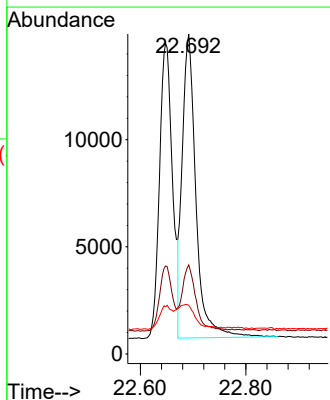
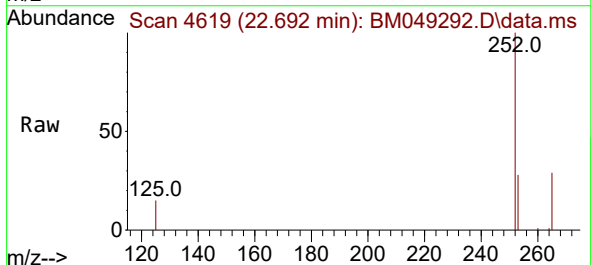
Instrument :
BNA_M
ClientSampleId :
SLCS848

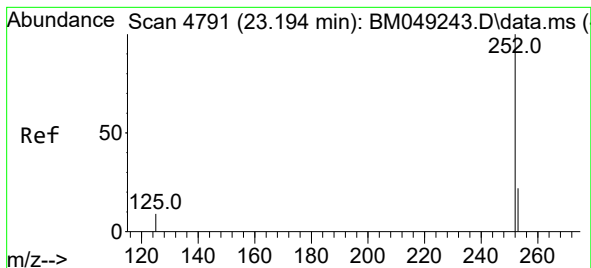
Tgt Ion:252 Resp: 23575
Ion Ratio Lower Upper
252 100
253 28.3 0.0 52.6
125 15.2 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:252 Resp: 25486
Ion Ratio Lower Upper
252 100
253 27.9 21.3 31.9
125 15.2 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.268 ng/ul

RT: 23.194 min Scan# 4791

Delta R.T. 0.003 min

Lab File: BM049292.D

Acq: 28 Dec 2024 14:32

Instrument :

BNA_M

ClientSampleId :

SLCS848

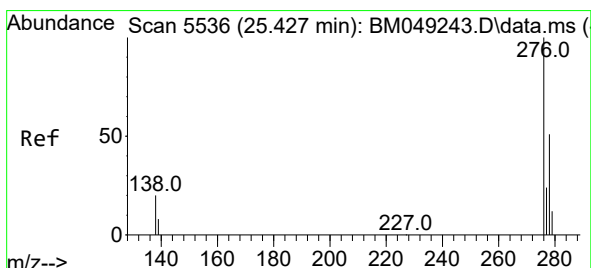
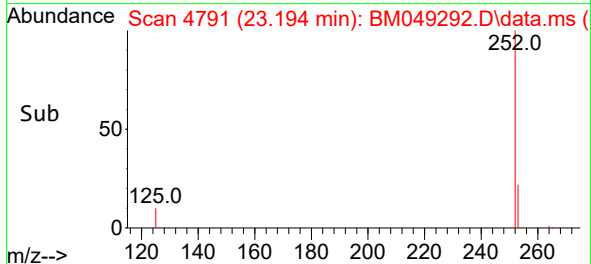
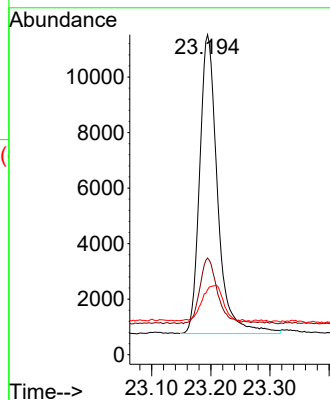
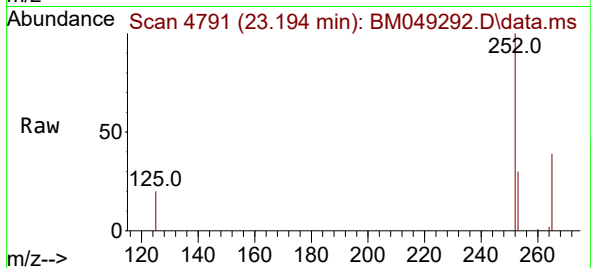
Tgt Ion:252 Resp: 22576

Ion Ratio Lower Upper

252 100

253 30.2 22.4 33.6

125 20.3 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.254 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. 0.010 min

Lab File: BM049292.D

Acq: 28 Dec 2024 14:32

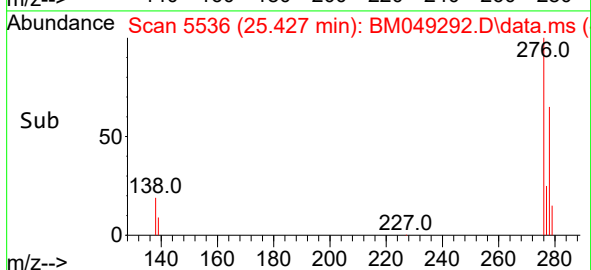
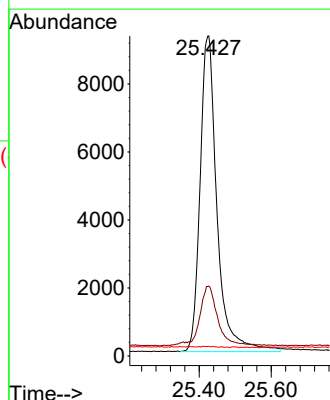
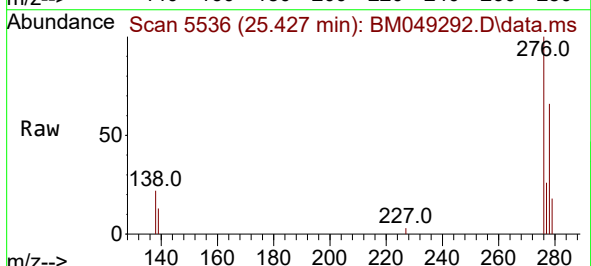
Tgt Ion:276 Resp: 30266

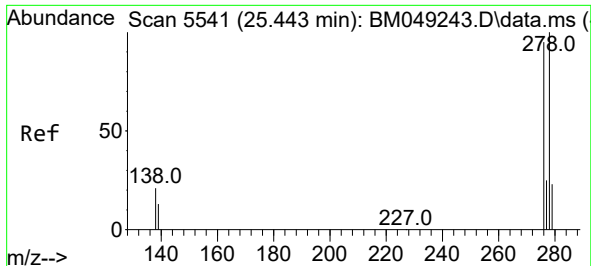
Ion Ratio Lower Upper

276 100

138 18.8 17.4 26.2

227 0.2 0.2 0.2

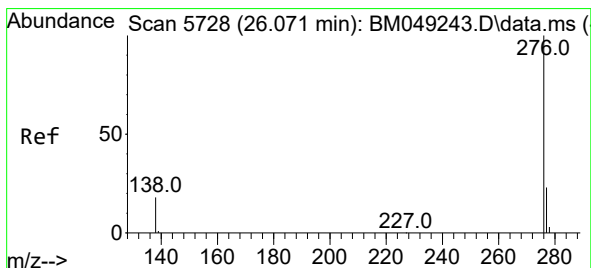
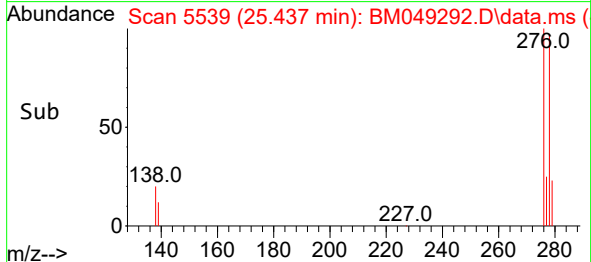
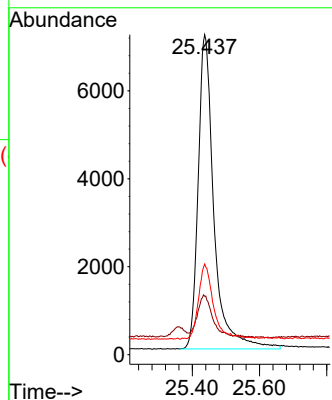
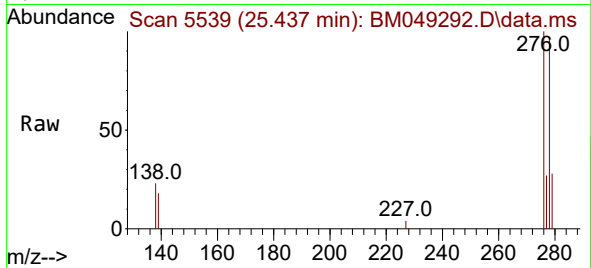




#28
Dibenzo(a,h)anthracene
Concen: 0.252 ng/ul
RT: 25.437 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Instrument :
BNA_M
ClientSampleId :
SLCS848

Tgt Ion:278 Resp: 23315
Ion Ratio Lower Upper
278 100
139 18.2 13.5 20.3
279 28.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049292.D
Acq: 28 Dec 2024 14:32

Tgt Ion:276 Resp: 24809
Ion Ratio Lower Upper
276 100
138 20.5 16.7 25.1
277 25.2 19.9 29.9

