

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049230.D
 Acq On : 26 Dec 2024 17:34
 Operator : RC/JU
 Sample : P5333-17DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2919DL

Quant Time: Dec 26 21:58:54 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)

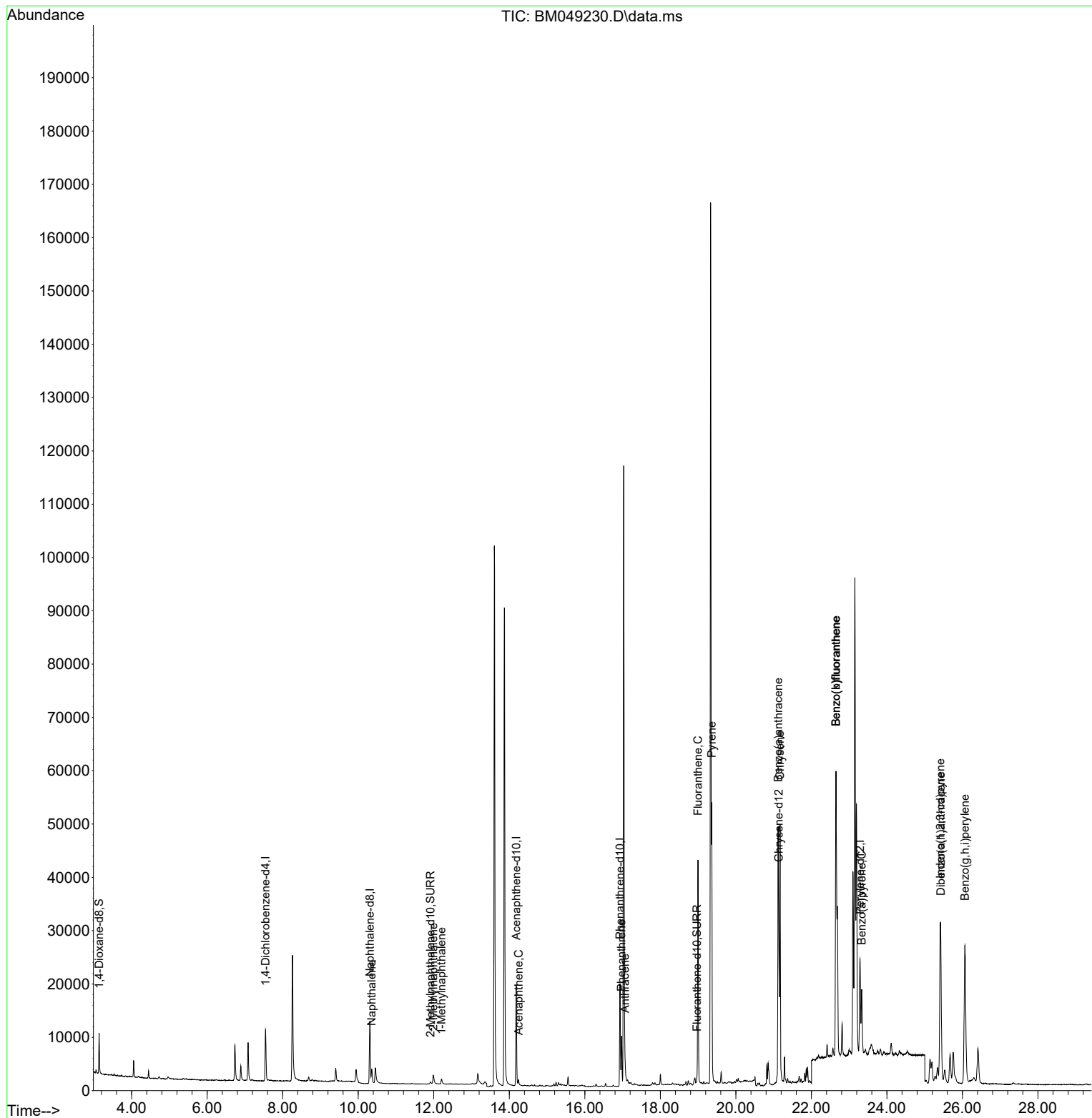
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5399	0.400	ng/ul	0.00
4) Naphthalene-d8	10.310	136	17117	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10775	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	24179	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	21368	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	22445	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4161	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	812	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	1695	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	2490	0.058	ng/ul#	90
7) 2-Methylnaphthalene	11.987	142	1991	0.073	ng/ul	98
8) 1-Methylnaphthalene	12.207	142	848	0.031	ng/ul	93
11) Acenaphthene	14.248	153	667	0.020	ng/ul#	92
15) Phenanthrene	16.972	178	9950	0.158	ng/ul	99
16) Anthracene	17.065	178	1802	0.031	ng/ul#	83
19) Fluoranthene	18.998	202	36728	0.475	ng/ul	99
20) Pyrene	19.360	202	44271	0.537	ng/ul	99
21) Benzo(a)anthracene	21.120	228	37614	0.506	ng/ul	98
22) Chrysene	21.169	228	47611	0.597	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	116495	1.625	ng/ul	93
25) Benzo(k)fluoranthene	22.651	252	116495	1.481	ng/ul#	93
26) Benzo(a)pyrene	23.332	252	14464	0.210	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.413	276	49243	0.506	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.427	278	11300	0.149	ng/ul	94
29) Benzo(g,h,i)perylene	26.067	276	54500	0.696	ng/ul	97

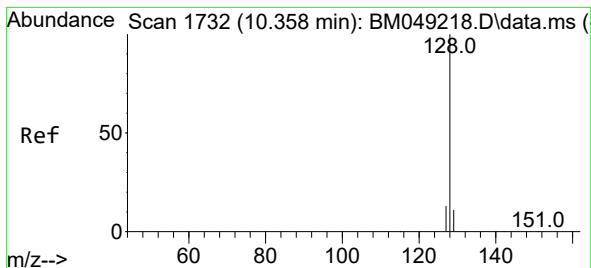
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 26 11:35:38 2024
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#5

Naphthalene

Concen: 0.058 ng/ul

RT: 10.354 min Scan# 1

Delta R.T. -0.004 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

Instrument :

BNA_M

ClientSampleId :

E2919DL

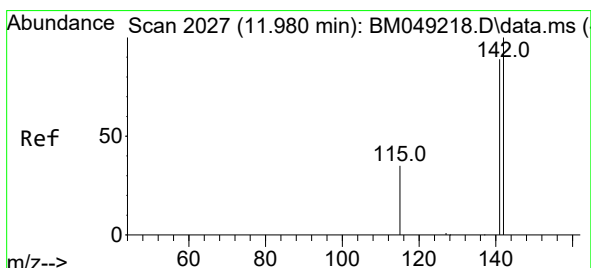
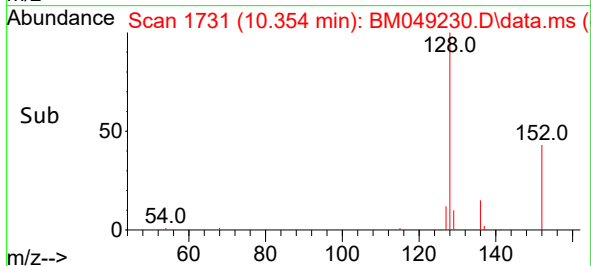
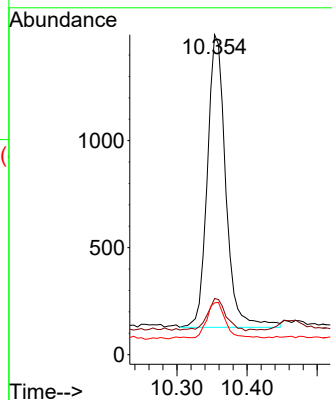
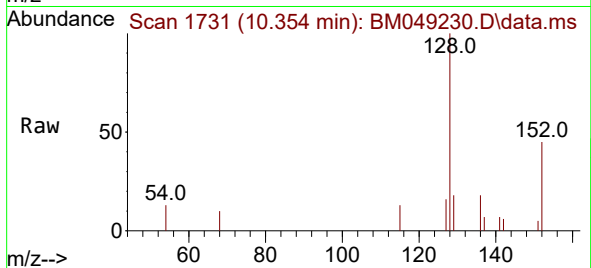
Tgt Ion:128 Resp: 2490

Ion Ratio Lower Upper

128 100

129 17.5 9.7 14.5#

127 16.2 10.6 16.0#



#7

2-Methylnaphthalene

Concen: 0.073 ng/ul

RT: 11.987 min Scan# 2028

Delta R.T. 0.007 min

Lab File: BM049230.D

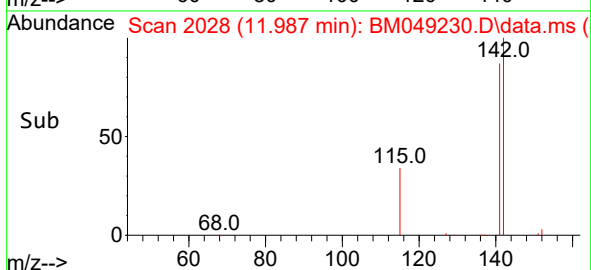
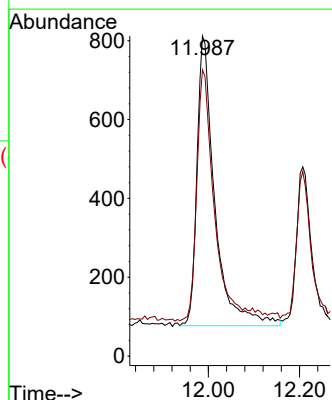
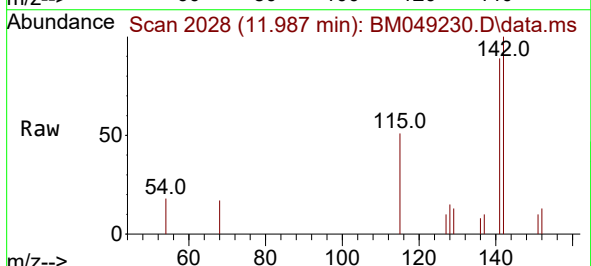
Acq: 26 Dec 2024 17:34

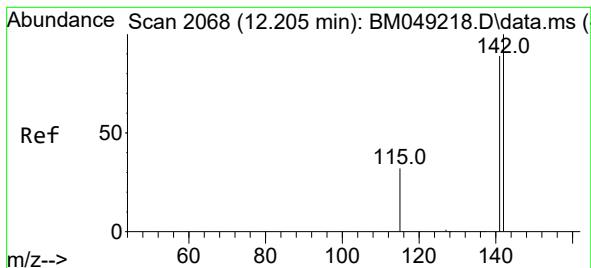
Tgt Ion:142 Resp: 1991

Ion Ratio Lower Upper

142 100

141 87.8 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.031 ng/ul

RT: 12.207 min Scan# 2068

Delta R.T. 0.001 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

Instrument :

BNA_M

ClientSampleId :

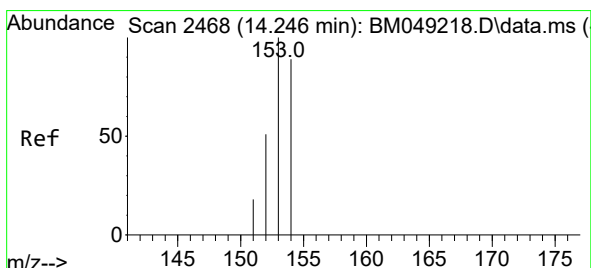
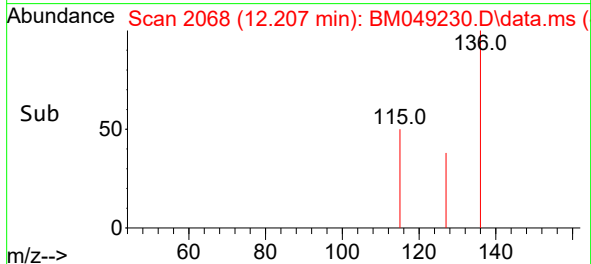
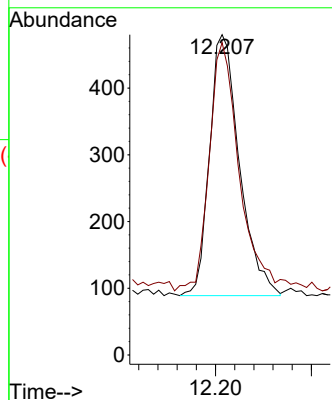
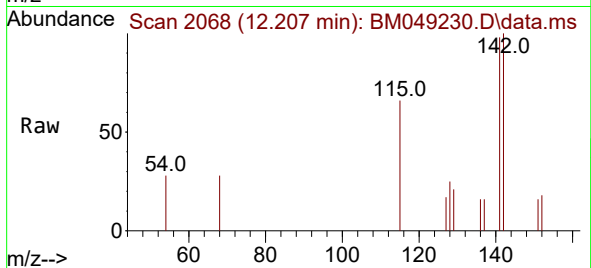
E2919DL

Tgt Ion:142 Resp: 848

Ion Ratio Lower Upper

142 100

141 97.4 72.7 109.1



#11

Acenaphthene

Concen: 0.020 ng/ul

RT: 14.248 min Scan# 2468

Delta R.T. 0.001 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

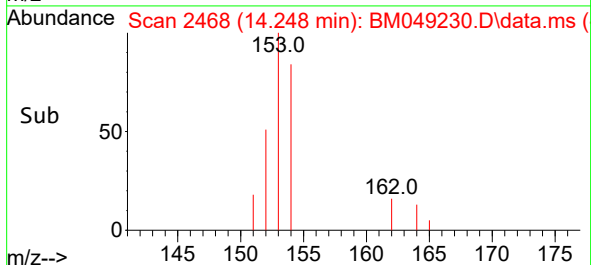
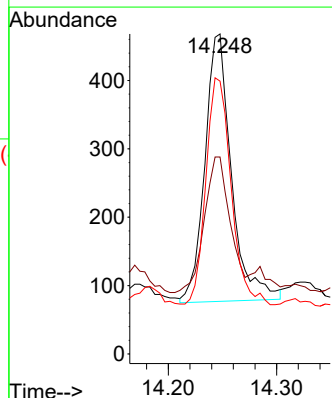
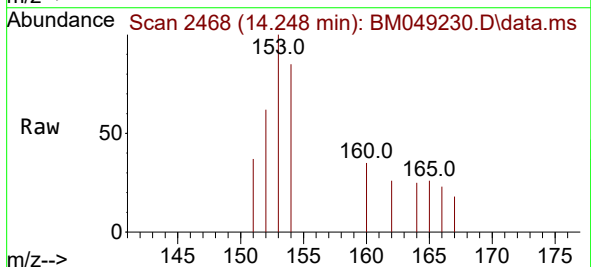
Tgt Ion:153 Resp: 667

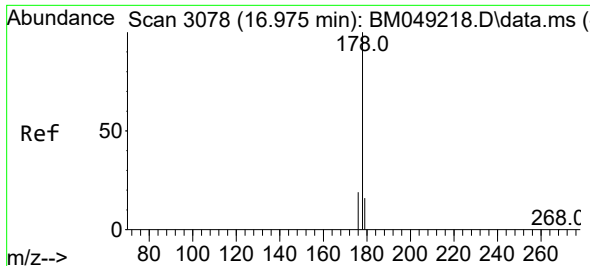
Ion Ratio Lower Upper

153 100

152 61.5 40.7 61.1#

154 85.3 70.8 106.2

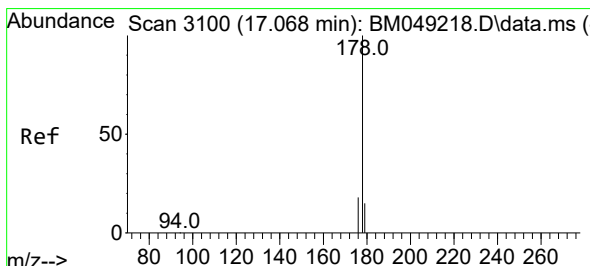
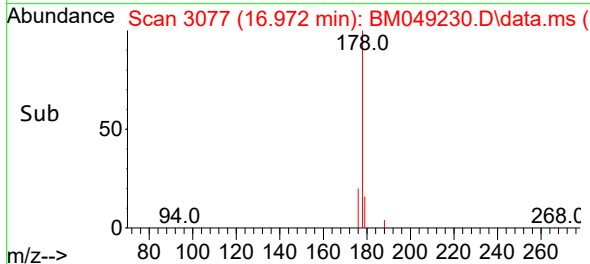
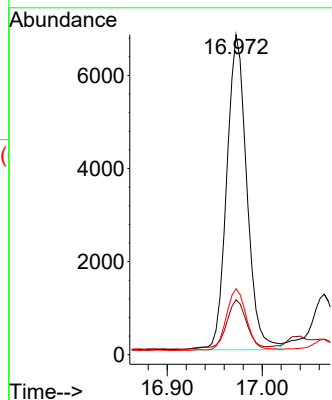
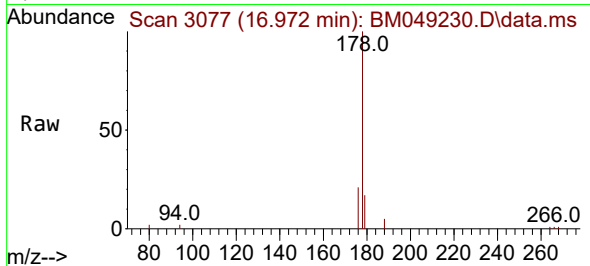




#15
Phenanthrene
Concen: 0.158 ng/ul
RT: 16.972 min Scan# 3098
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

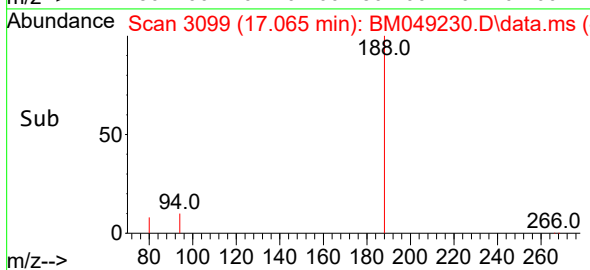
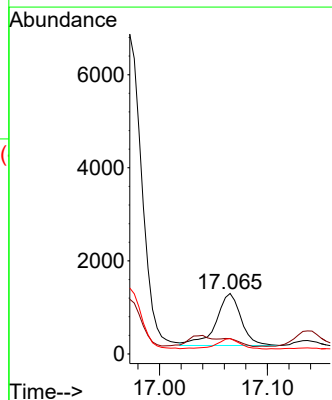
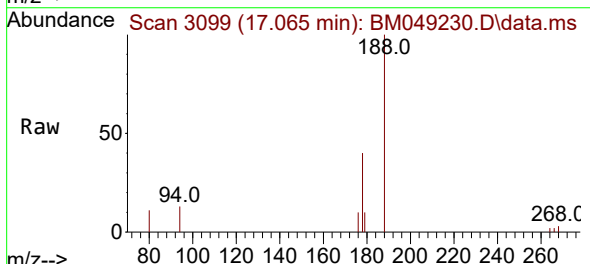
Instrument :
BNA_M
ClientSampleId :
E2919DL

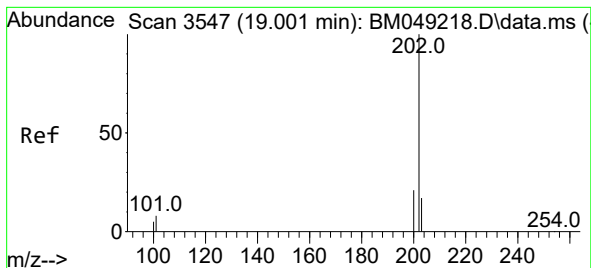
Tgt Ion:178 Resp: 9950
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 20.6 16.2 24.2



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Tgt Ion:178 Resp: 1802
Ion Ratio Lower Upper
178 100
179 25.3 12.9 19.3#
176 25.4 15.3 22.9#





#19

Fluoranthene

Concen: 0.475 ng/ul

RT: 18.998 min Scan# 3546

Delta R.T. -0.003 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

Instrument :

BNA_M

ClientSampleId :

E2919DL

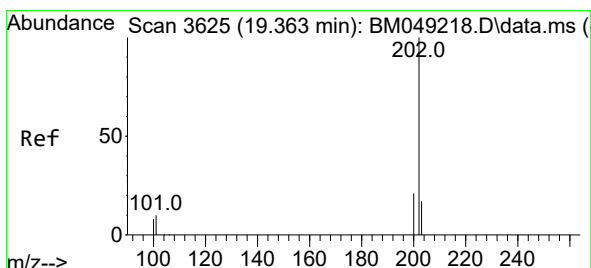
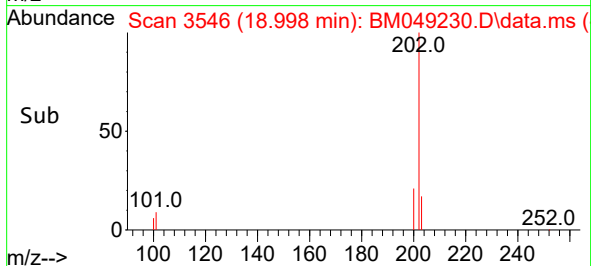
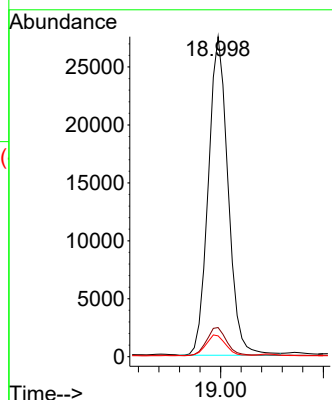
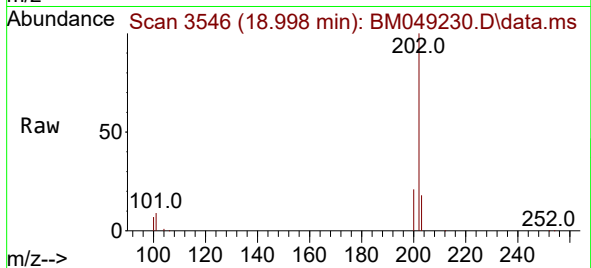
Tgt Ion:202 Resp: 36728

Ion Ratio Lower Upper

202 100

101 9.1 7.6 11.4

100 6.5 5.5 8.3



#20

Pyrene

Concen: 0.537 ng/ul

RT: 19.360 min Scan# 3624

Delta R.T. -0.003 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

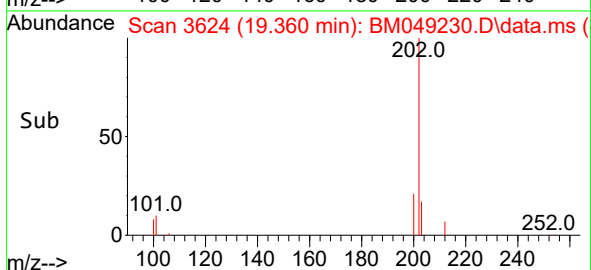
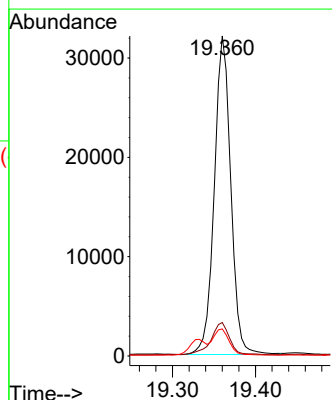
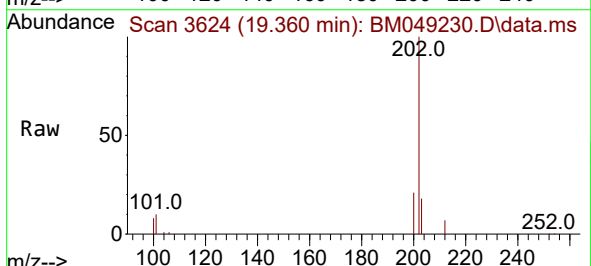
Tgt Ion:202 Resp: 44271

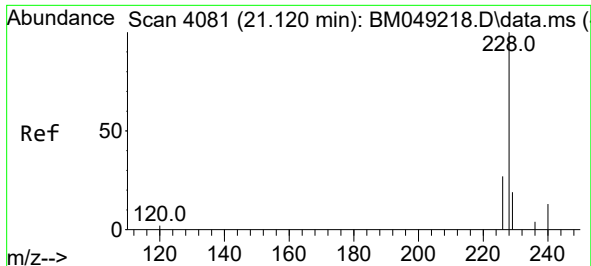
Ion Ratio Lower Upper

202 100

101 10.4 8.9 13.3

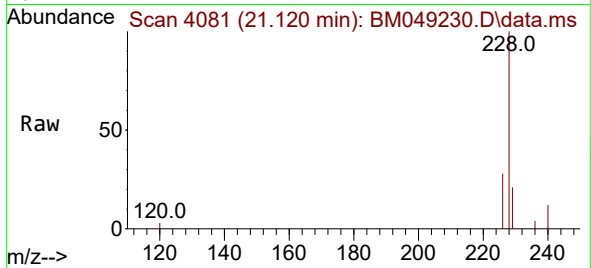
100 8.5 6.9 10.3



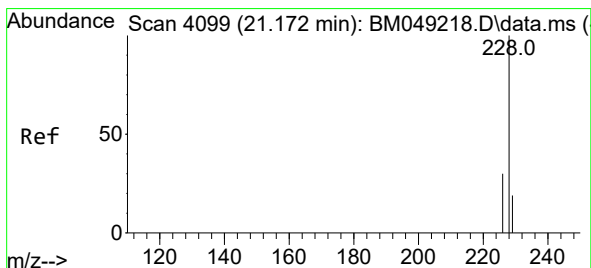
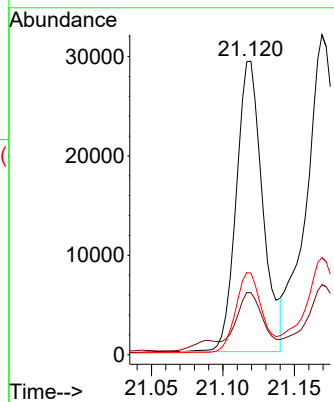
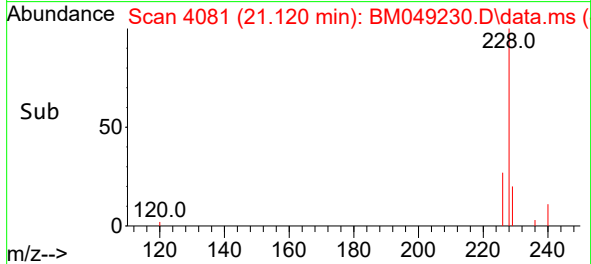


#21
Benzo(a)anthracene
Concen: 0.506 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Instrument :
BNA_M
ClientSampleId :
E2919DL

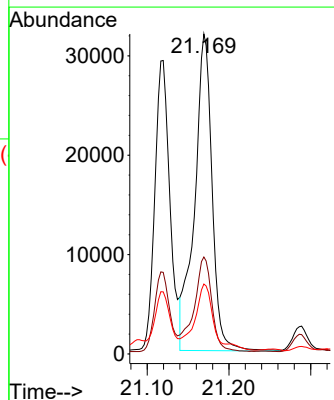
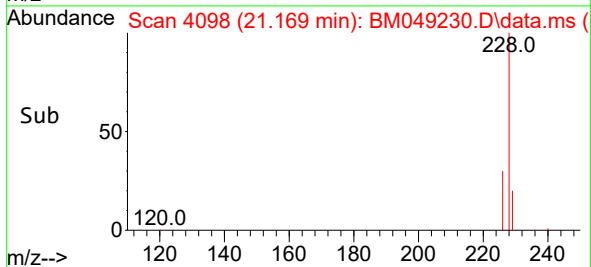
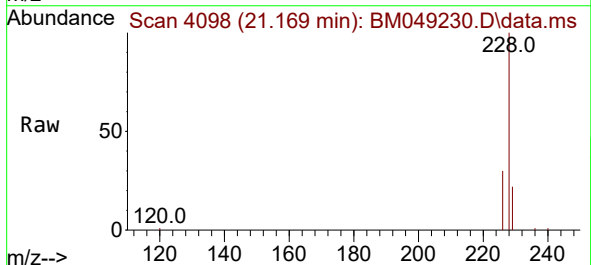


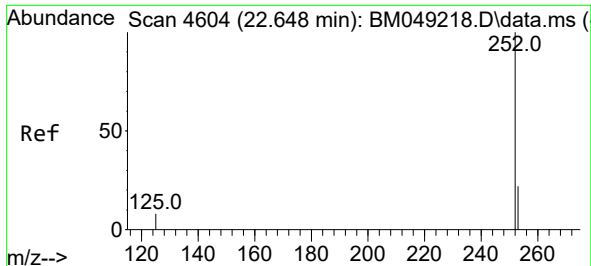
Tgt Ion:228 Resp: 37614
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 27.8 22.6 34.0



#22
Chrysene
Concen: 0.597 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Tgt Ion:228 Resp: 47611
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 21.9 15.8 23.8

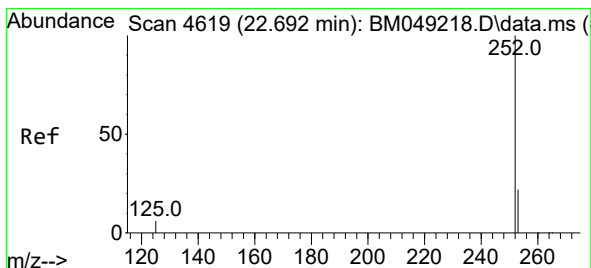
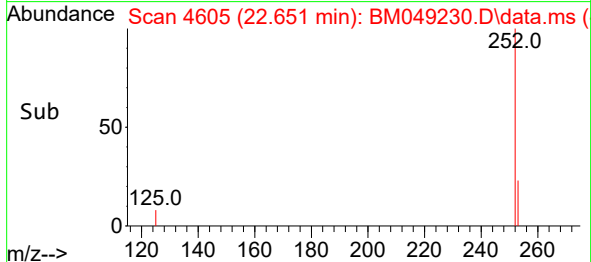
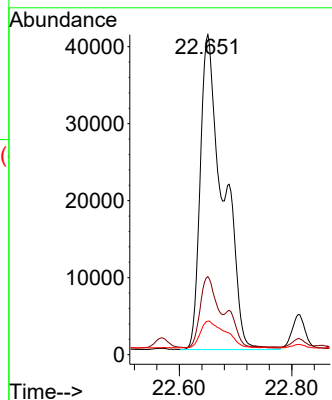
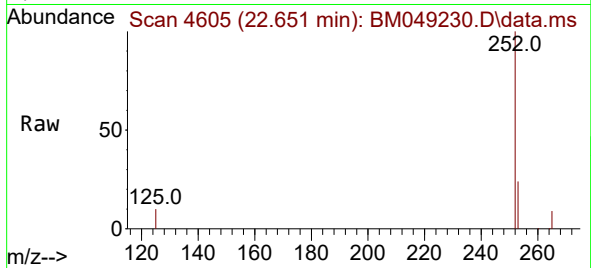




#24
Benzo(b)fluoranthene
Concen: 1.625 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

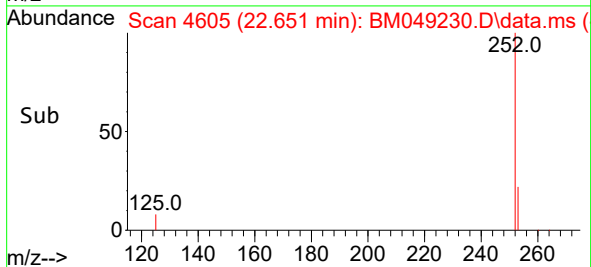
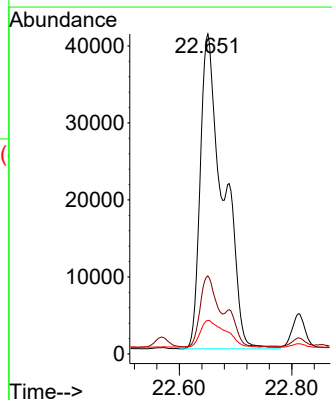
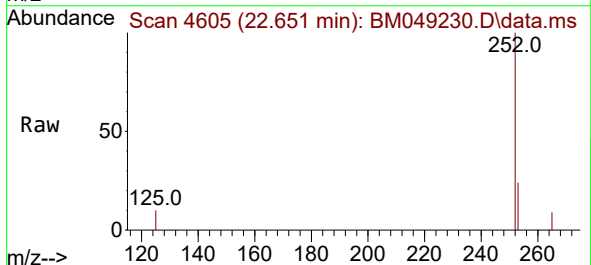
Instrument :
BNA_M
ClientSampleId :
E2919DL

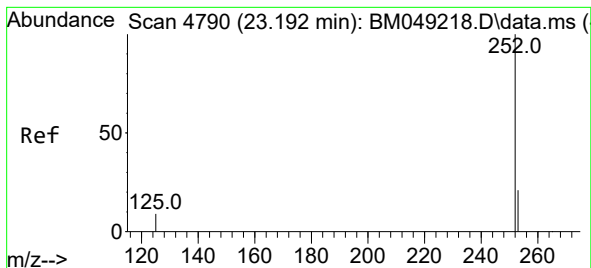
Tgt Ion:252 Resp: 116495
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.6
125 10.4 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 1.481 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.041 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Tgt Ion:252 Resp: 116495
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 10.4 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.210 ng/ul

RT: 23.332 min Scan# 4838

Delta R.T. 0.140 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

Instrument :

BNA_M

ClientSampleId :

E2919DL

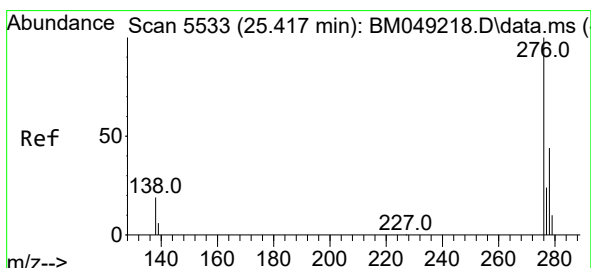
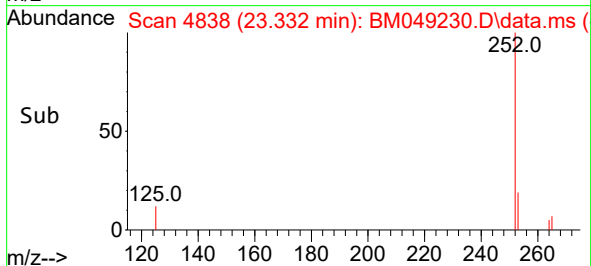
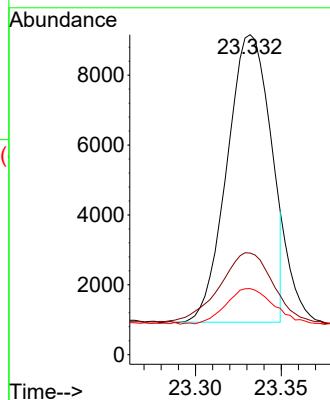
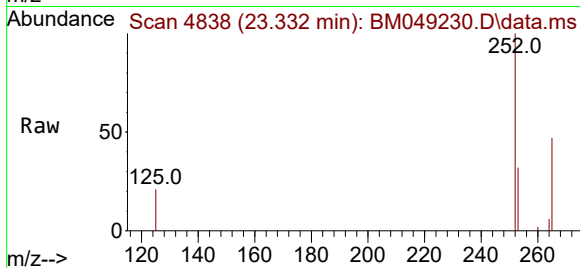
Tgt Ion:252 Resp: 14464

Ion Ratio Lower Upper

252 100

253 31.8 22.4 33.6

125 20.7 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.506 ng/ul

RT: 25.413 min Scan# 5532

Delta R.T. -0.004 min

Lab File: BM049230.D

Acq: 26 Dec 2024 17:34

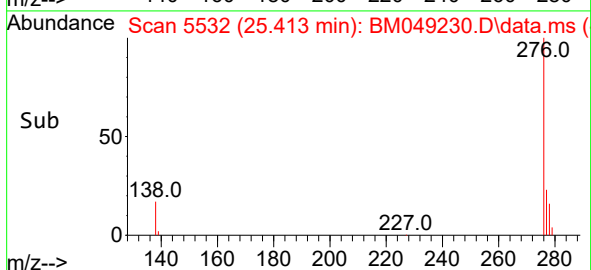
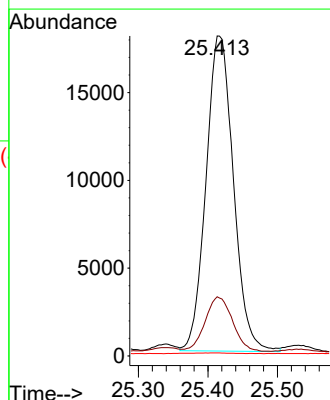
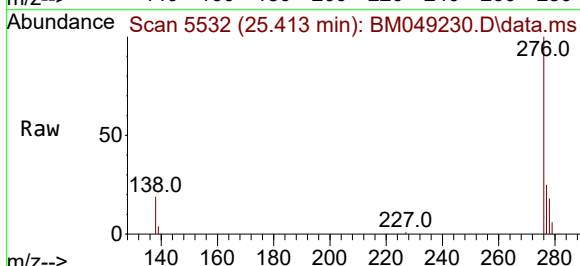
Tgt Ion:276 Resp: 49243

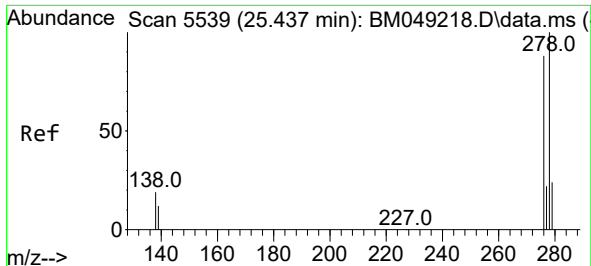
Ion Ratio Lower Upper

276 100

138 17.4 17.4 26.2#

227 0.3 0.2 0.2#

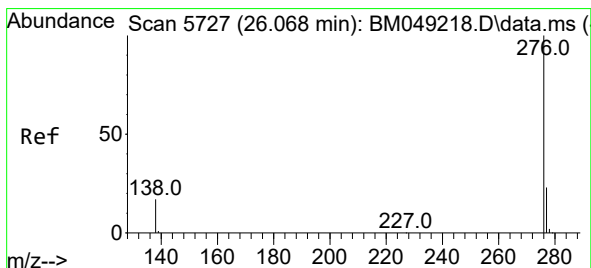
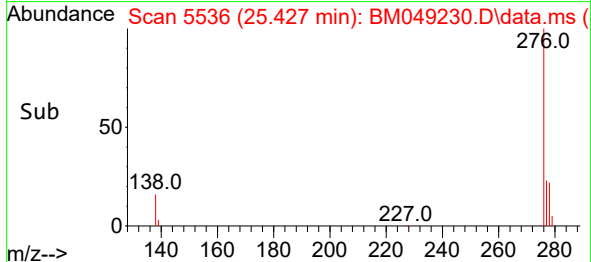
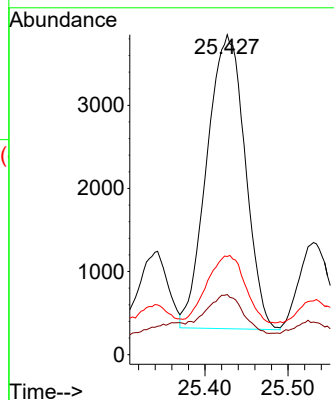
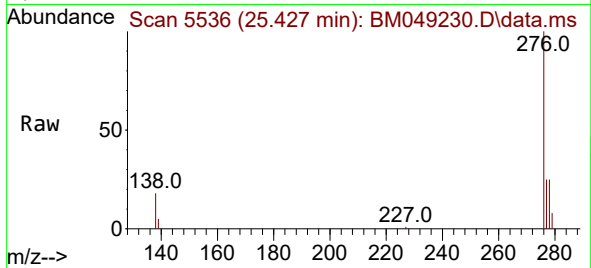




#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.427 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Instrument :
BNA_M
ClientSampleId :
E2919DL

Tgt Ion:278 Resp: 11300
Ion Ratio Lower Upper
278 100
139 18.8 13.5 20.3
279 30.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.696 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049230.D
Acq: 26 Dec 2024 17:34

Tgt Ion:276 Resp: 54500
Ion Ratio Lower Upper
276 100
138 18.6 16.7 25.1
277 24.2 19.9 29.9

