

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049227.D
 Acq On : 26 Dec 2024 15:47
 Operator : RC/JU
 Sample : P5333-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2906DL

Quant Time: Dec 26 21:58:18 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)

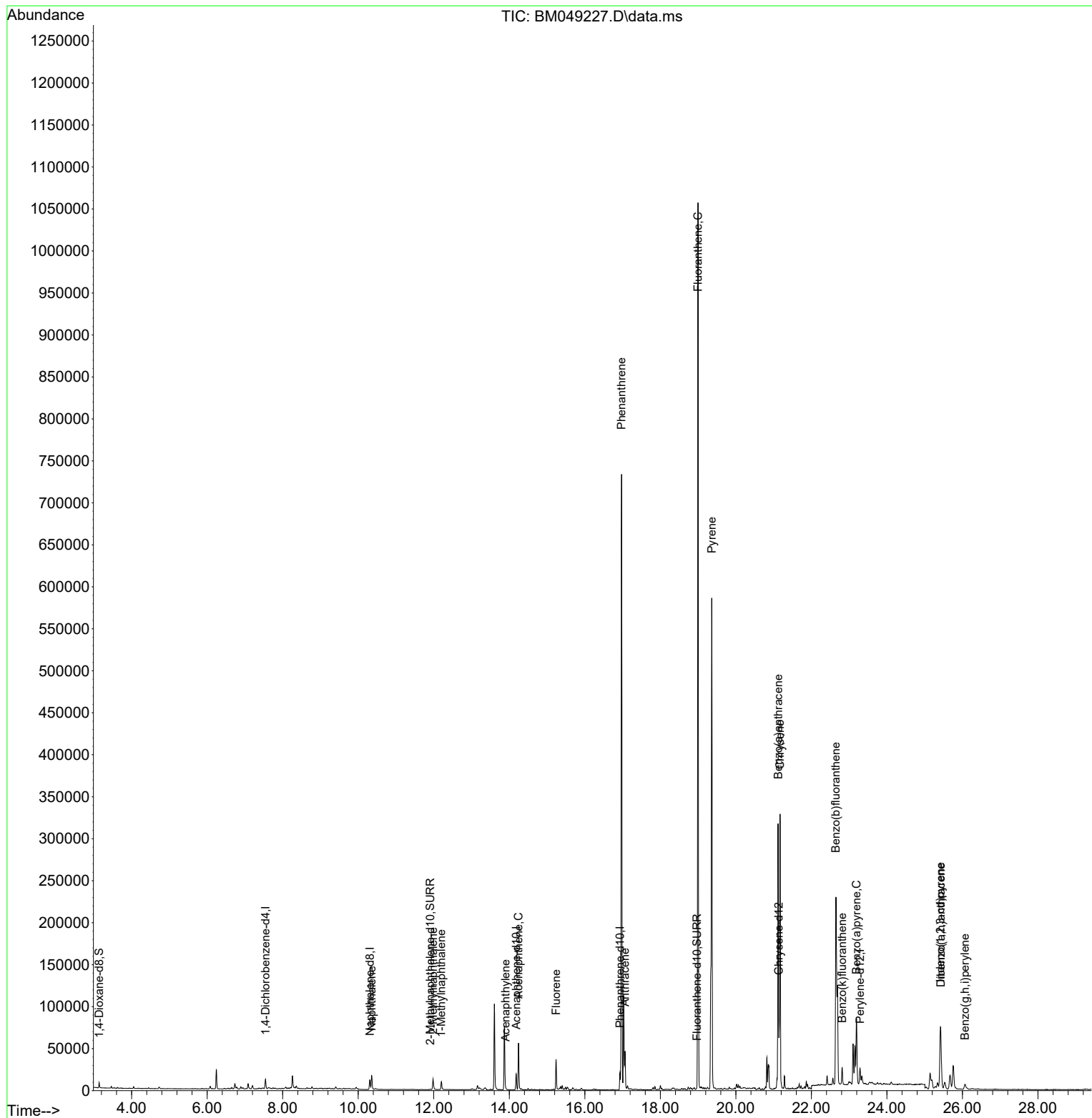
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.309	136	16247	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	10293	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	23837	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	21368	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	24340	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	3405	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	687	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	1603	0.026	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.353	128	21590	0.531	ng/ul	99
7) 2-Methylnaphthalene	11.981	142	10806	0.419	ng/ul	97
8) 1-Methylnaphthalene	12.201	142	7403	0.281	ng/ul	99
10) Acenaphthylene	13.901	152	2137	0.050	ng/ul#	84
11) Acenaphthene	14.243	153	32116	1.031	ng/ul	99
12) Fluorene	15.238	166	23332	0.664	ng/ul	98
15) Phenanthrene	16.972	178	732852	11.771	ng/ul	98
16) Anthracene	17.065	178	47976	0.840	ng/ul	99
19) Fluoranthene	18.997	202	856028	11.080	ng/ul	98
20) Pyrene	19.360	202	496862	6.030	ng/ul	99
21) Benzo(a)anthracene	21.119	228	262764	3.535	ng/ul	99
22) Chrysene	21.169	228	294817	3.696	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	482036	6.199	ng/ul	90
25) Benzo(k)fluoranthene	22.814	252	24175	0.283	ng/ul	98
26) Benzo(a)pyrene	23.194	252	105795	1.419	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.416	276	106238	1.007	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.427	278	39293	0.479	ng/ul	98
29) Benzo(g,h,i)perylene	26.067	276	12640	0.149	ng/ul	96

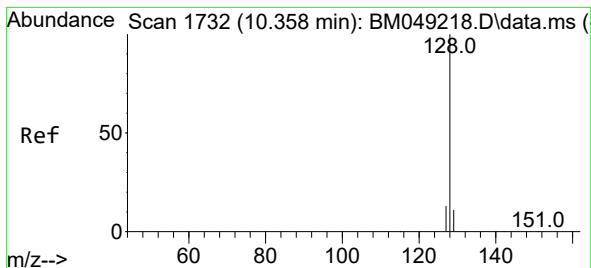
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.531 ng/ul

RT: 10.353 min Scan# 1732

Delta R.T. -0.004 min

Lab File: BM049227.D

Acq: 26 Dec 2024 15:47

Instrument :

BNA_M

ClientSampleId :

E2906DL

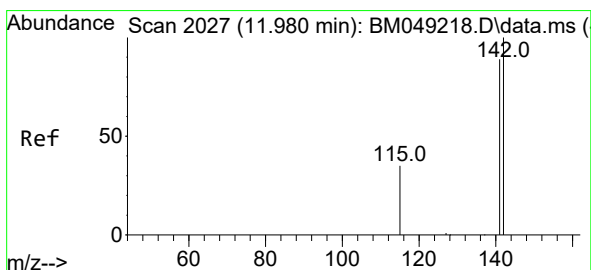
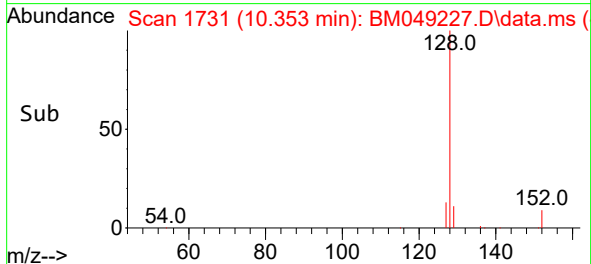
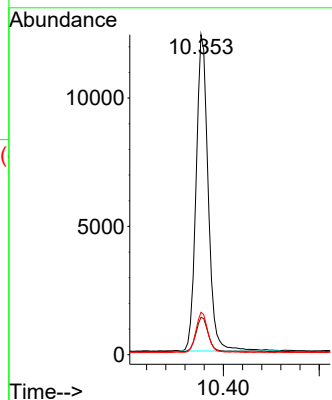
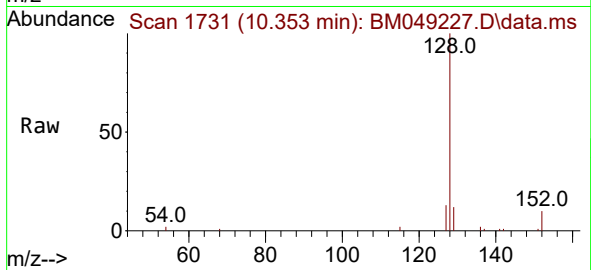
Tgt Ion:128 Resp: 21590

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

127 13.3 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.419 ng/ul

RT: 11.981 min Scan# 2027

Delta R.T. 0.001 min

Lab File: BM049227.D

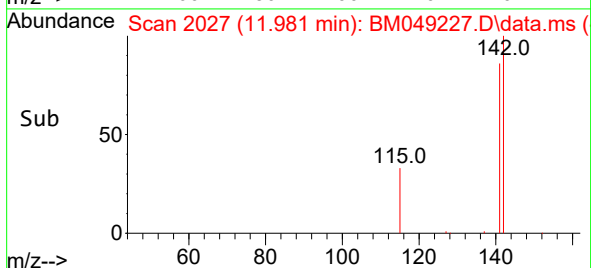
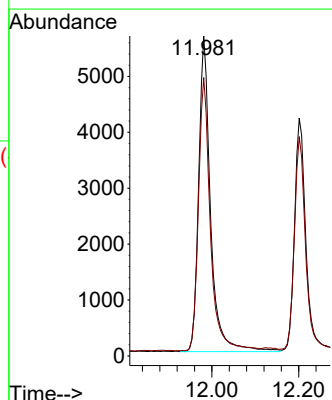
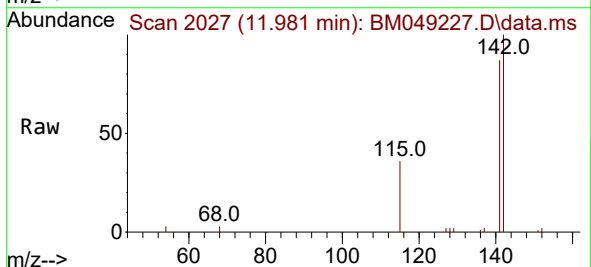
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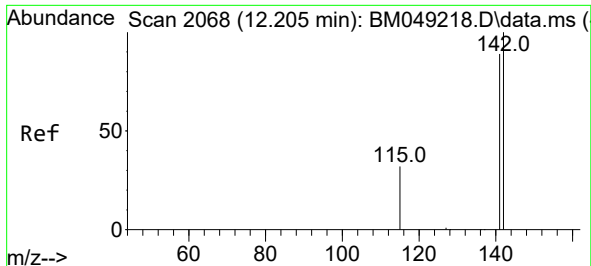
Tgt Ion:142 Resp: 10806

Ion Ratio Lower Upper

142 100

141 87.0 71.7 107.5

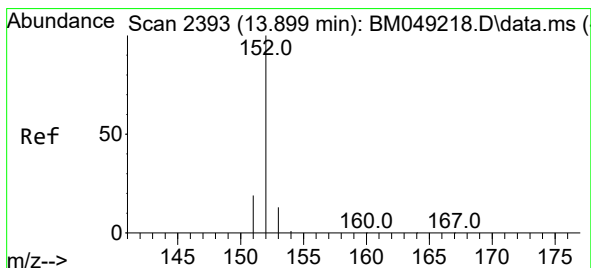
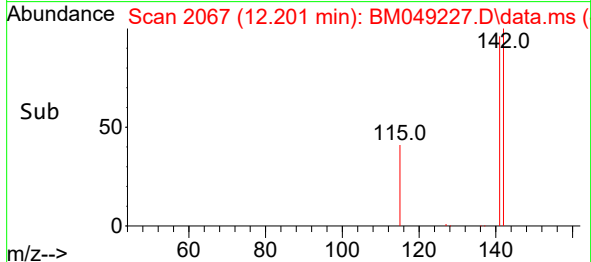
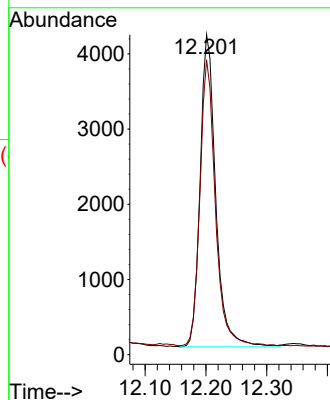
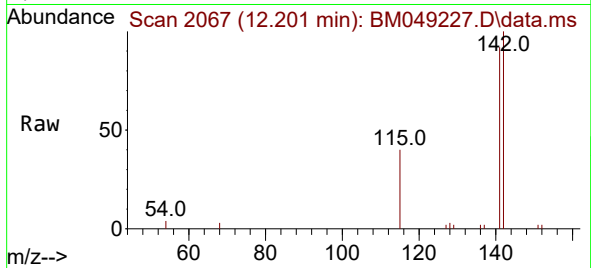




#8
1-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.004 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

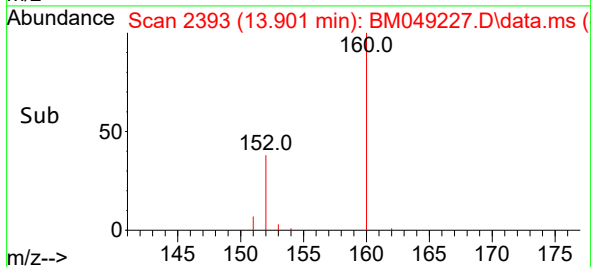
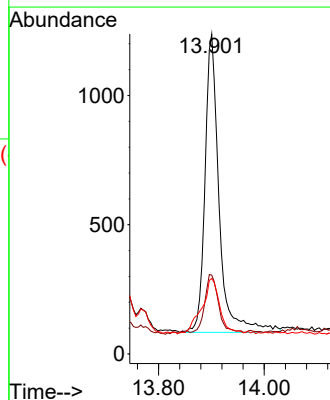
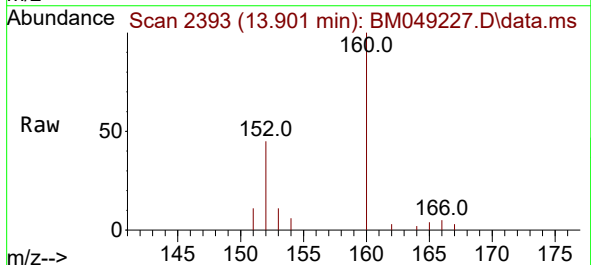
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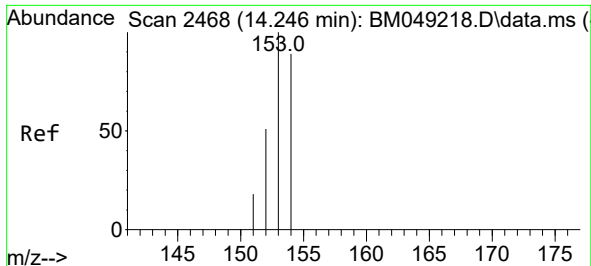
Tgt Ion:142 Resp: 7403
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.901 min Scan# 2393
Delta R.T. 0.001 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:152 Resp: 2137
Ion Ratio Lower Upper
152 100
151 24.6 16.0 24.0#
153 23.6 11.0 16.6#

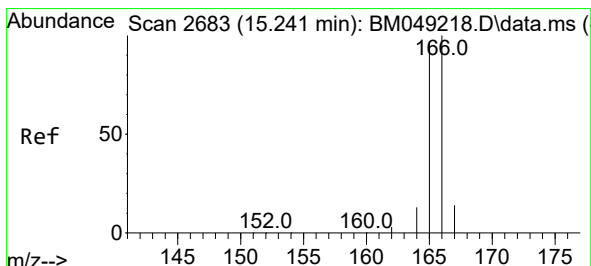
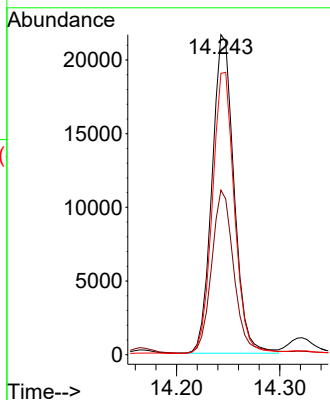
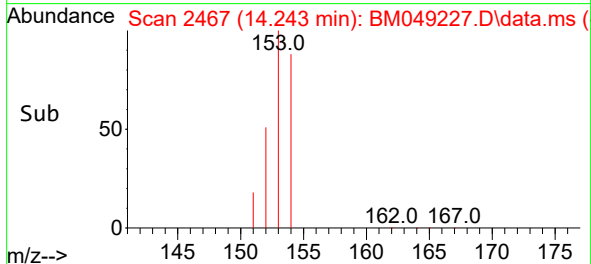
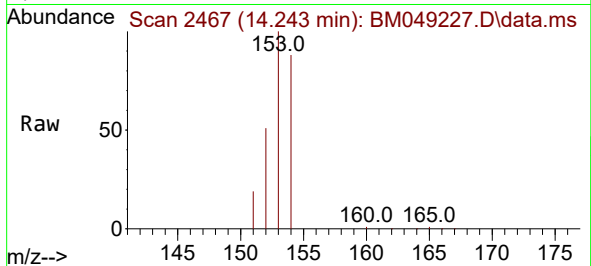




#11
Acenaphthene
Concen: 1.031 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

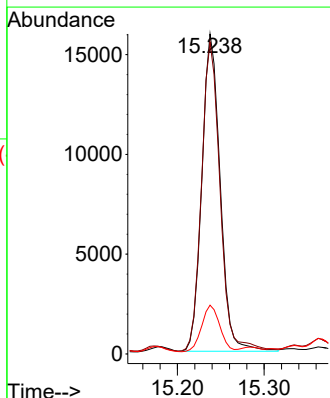
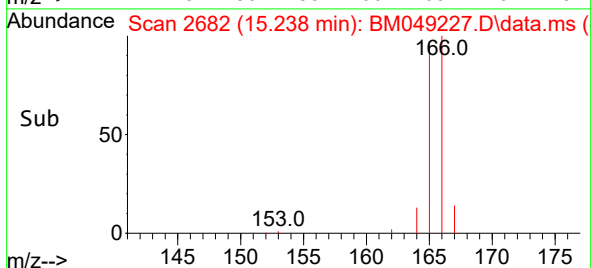
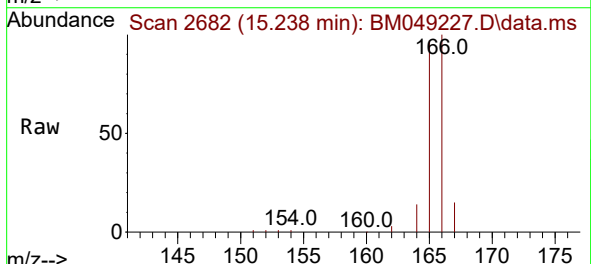
Instrument :
BNA_M
ClientSampleId :
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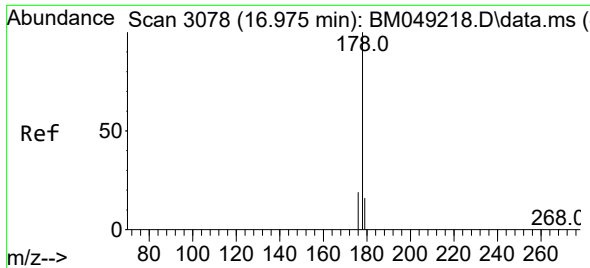
Tgt Ion:153 Resp: 32116
Ion Ratio Lower Upper
153 100
152 51.4 40.7 61.1
154 87.9 70.8 106.2



#12
Fluorene
Concen: 0.664 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:166 Resp: 23332
Ion Ratio Lower Upper
166 100
165 97.4 79.7 119.5
167 15.3 11.4 17.0

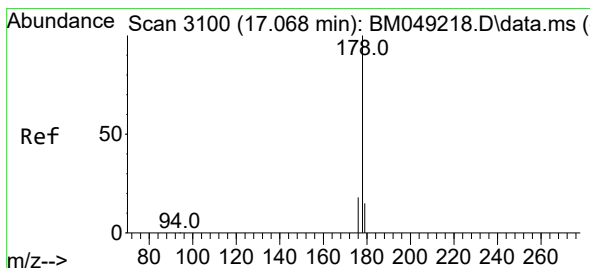
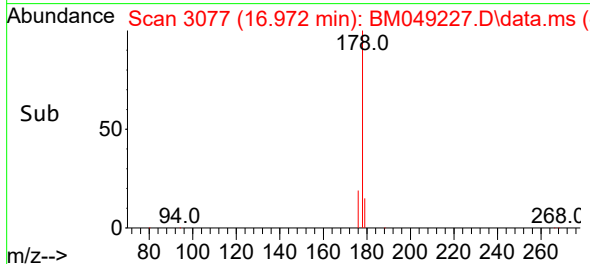
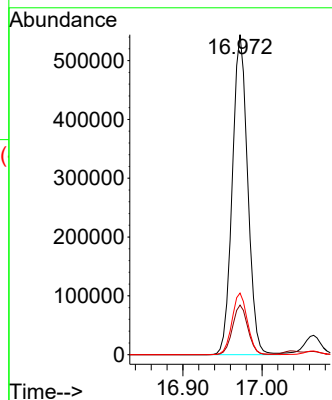
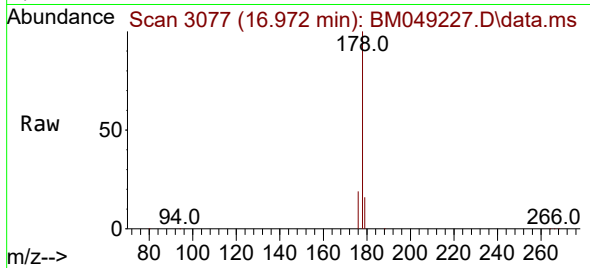




#15
Phenanthrene
Concen: 11.771 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

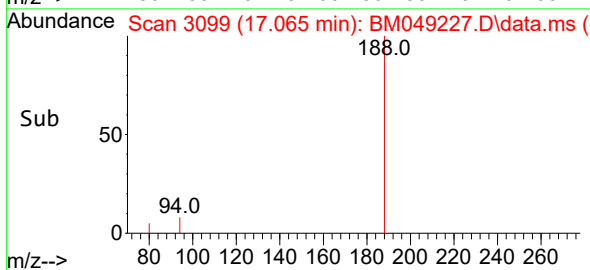
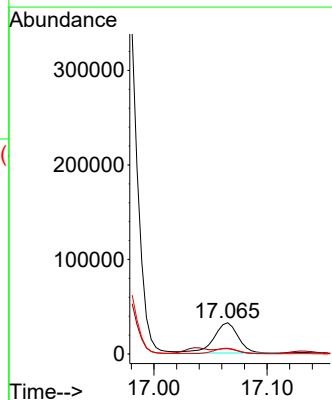
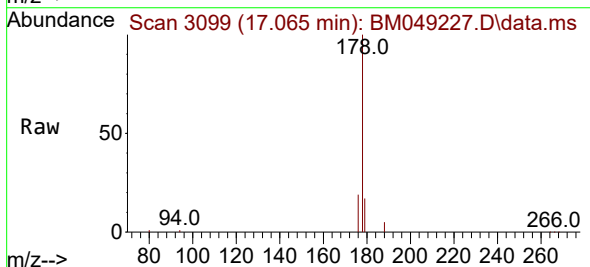
Instrument :
BNA_M
ClientSampleId :
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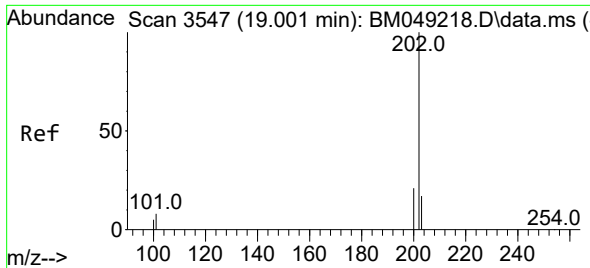
Tgt Ion:178 Resp: 732852
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 16.2 24.2



#16
Anthracene
Concen: 0.840 ng/ul
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:178 Resp: 47976
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 18.7 15.3 22.9

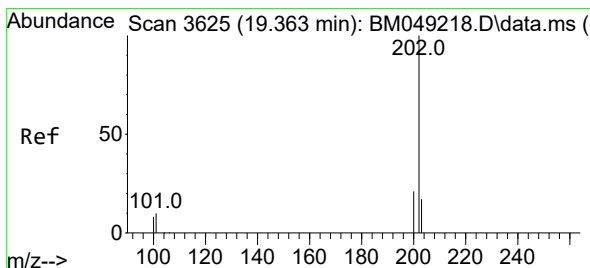
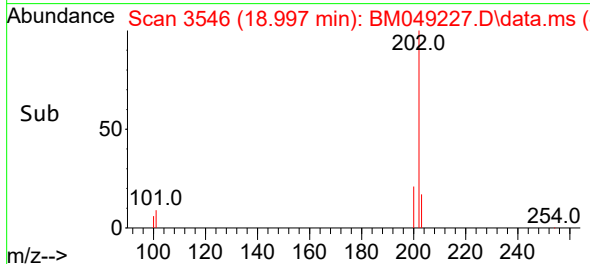
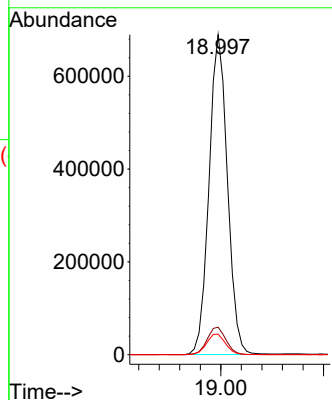
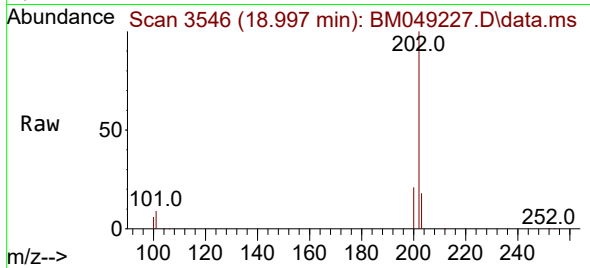




#19
Fluoranthene
Concen: 11.080 ng/ul
RT: 18.997 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

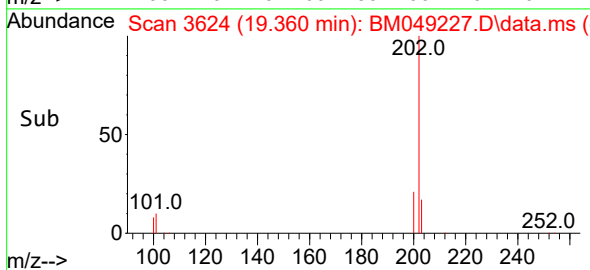
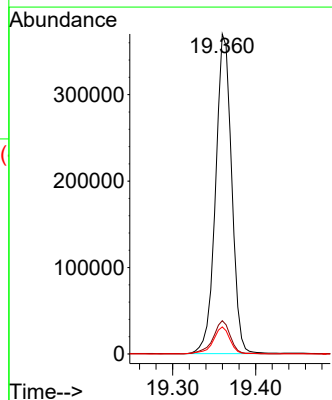
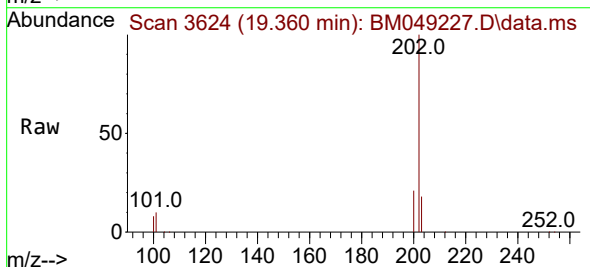
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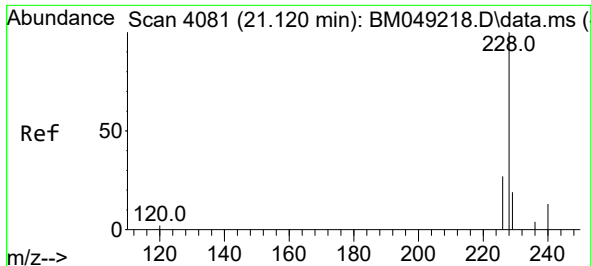
Tgt Ion:202 Resp: 856028
Ion Ratio Lower Upper
202 100
101 8.6 7.6 11.4
100 6.4 5.5 8.3



#20
Pyrene
Concen: 6.030 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:202 Resp: 496862
Ion Ratio Lower Upper
202 100
101 10.4 8.9 13.3
100 8.4 6.9 10.3

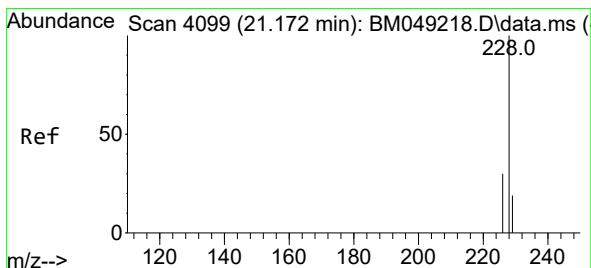
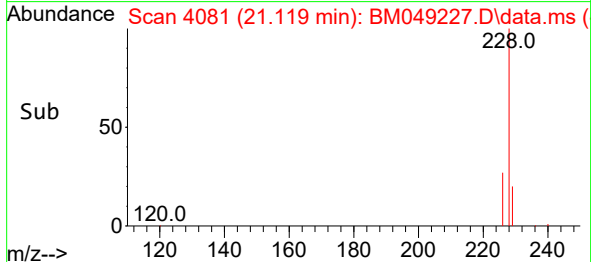
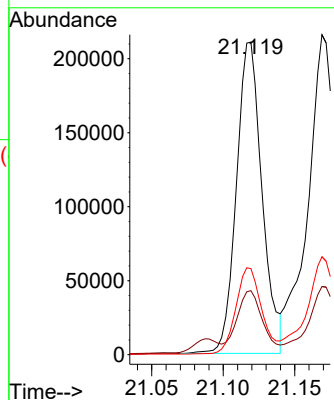
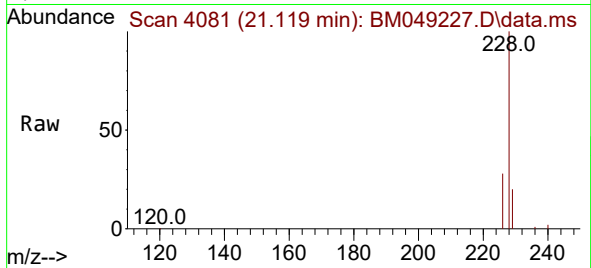




#21
Benzo(a)anthracene
Concen: 3.535 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

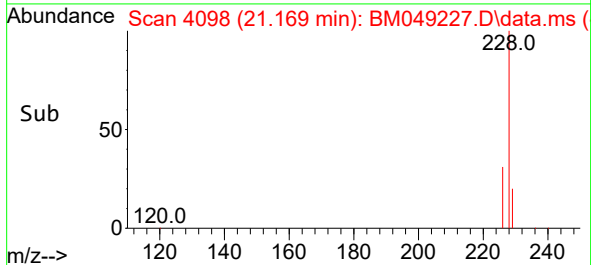
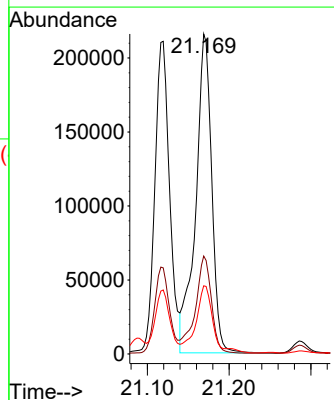
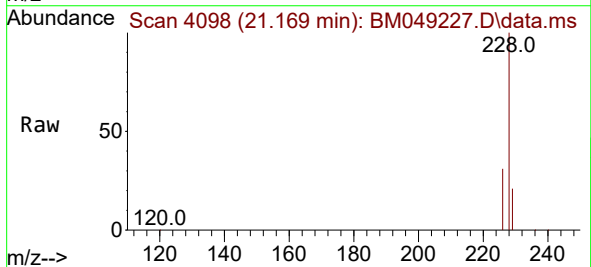
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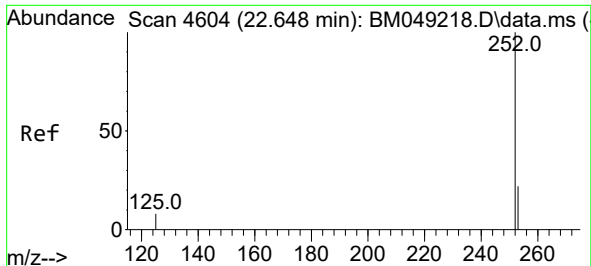
Tgt Ion:228 Resp: 262764
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.5 22.6 34.0



#22
Chrysene
Concen: 3.696 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:228 Resp: 294817
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.3 15.8 23.8

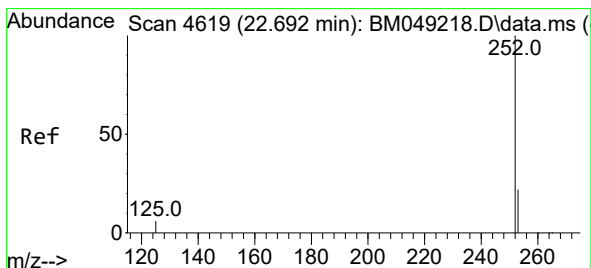
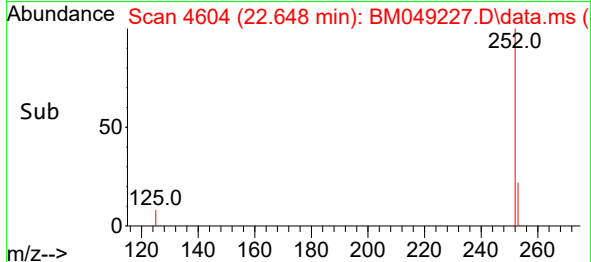
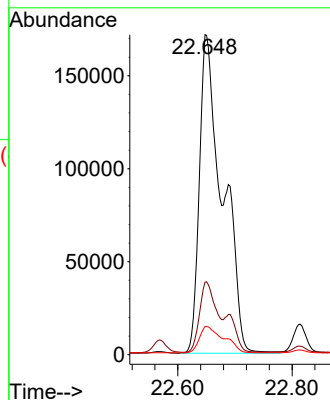
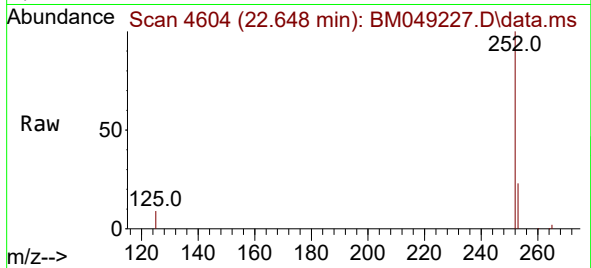




#24
Benzo(b)fluoranthene
Concen: 6.199 ng/ul
RT: 22.648 min Scan# 4604
Delta R.T. -0.000 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

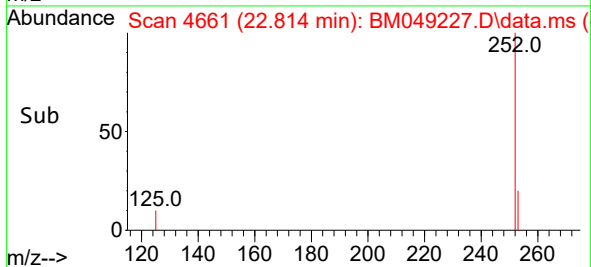
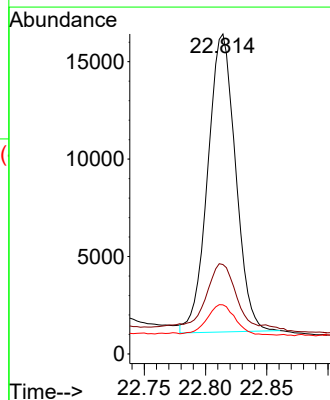
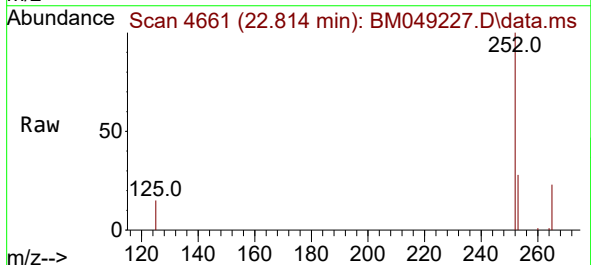
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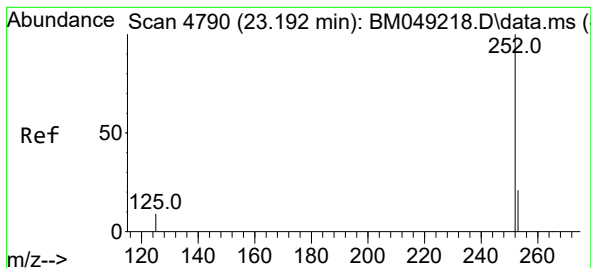
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Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.6
125 8.8 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul
RT: 22.814 min Scan# 4661
Delta R.T. 0.122 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:252 Resp: 24175
Ion Ratio Lower Upper
252 100
253 27.9 21.3 31.9
125 15.4 12.6 18.8





#26

Benzo(a)pyrene

Concen: 1.419 ng/ul

RT: 23.194 min Scan# 41

Delta R.T. 0.002 min

Lab File: BM049227.D

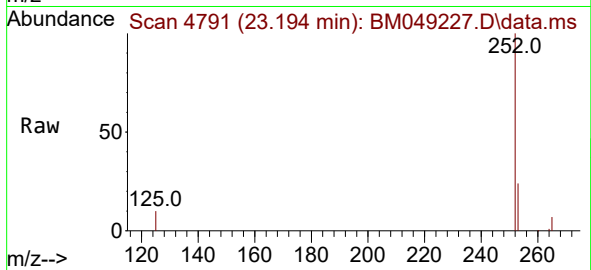
Acq: 26 Dec 2024 15:47

Instrument :

BNA_M

ClientSampleId :

E2906DL



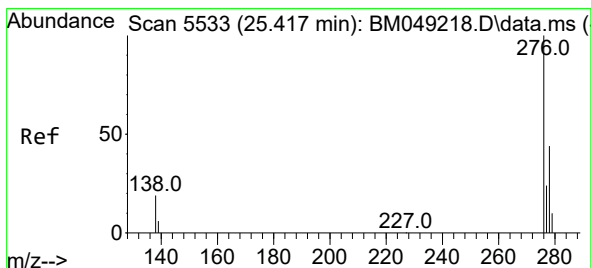
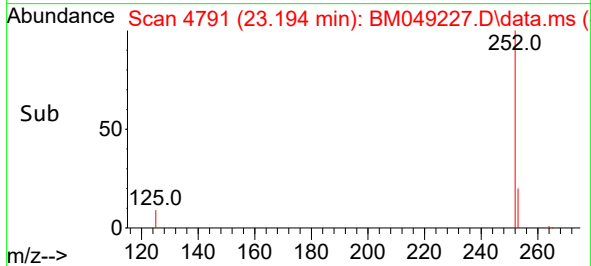
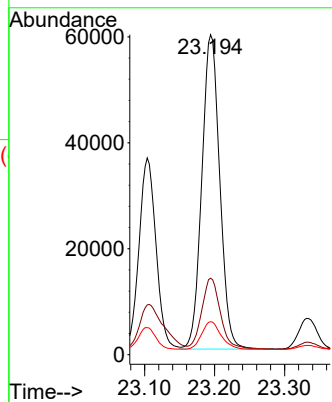
Tgt Ion:252 Resp: 105795

Ion Ratio Lower Upper

252 100

253 23.9 22.4 33.6

125 10.3 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.007 ng/ul

RT: 25.416 min Scan# 5533

Delta R.T. -0.000 min

Lab File: BM049227.D

Acq: 26 Dec 2024 15:47

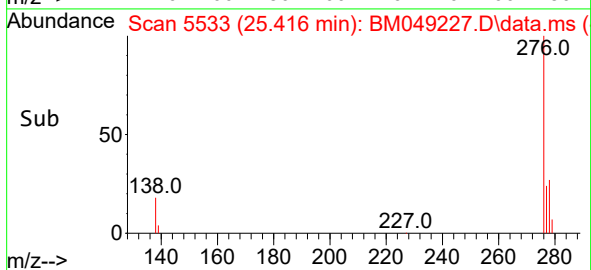
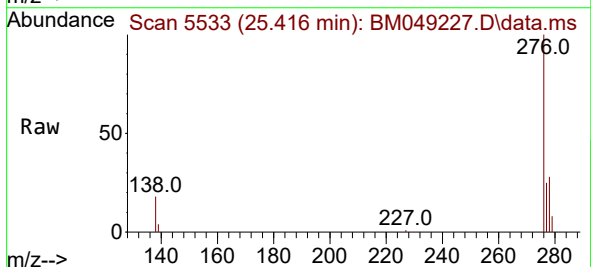
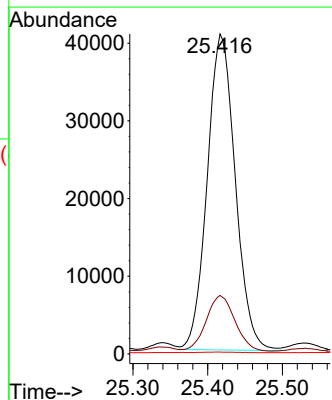
Tgt Ion:276 Resp: 106238

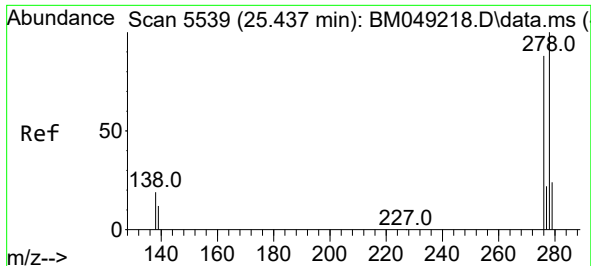
Ion Ratio Lower Upper

276 100

138 18.0 17.4 26.2

227 0.3 0.2 0.2#

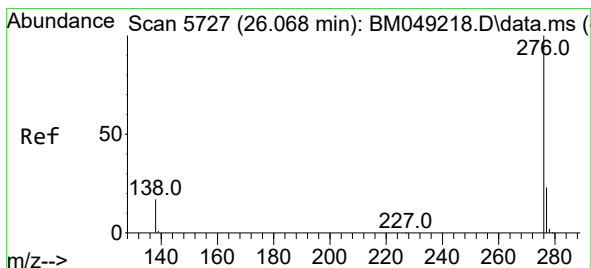
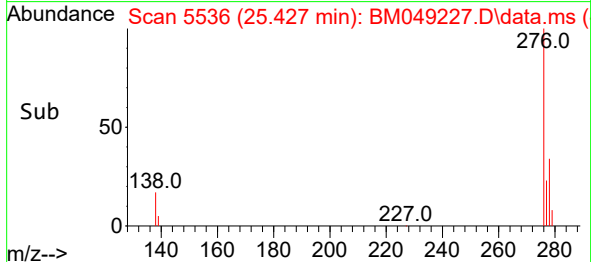
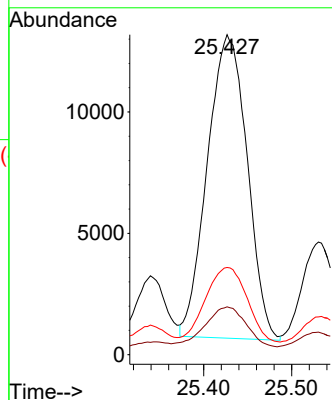
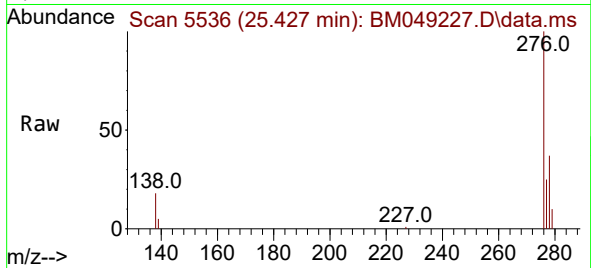




#28
Dibenzo(a,h)anthracene
Concen: 0.479 ng/ul
RT: 25.427 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Instrument :
BNA_M
ClientSampleId :
E2906DL

Tgt Ion:278 Resp: 39293
Ion Ratio Lower Upper
278 100
139 15.0 13.5 20.3
279 27.3 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.067 min Scan# 5727
Delta R.T. -0.000 min
Lab File: BM049227.D
Acq: 26 Dec 2024 15:47

Tgt Ion:276 Resp: 12640
Ion Ratio Lower Upper
276 100
138 21.9 16.7 25.1
277 27.5 19.9 29.9

