

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049177.D
 Acq On : 24 Dec 2024 10:34
 Operator : RC/JU
 Sample : P5331-02MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AQ1MS

Quant Time: Dec 24 21:39:29 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 : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

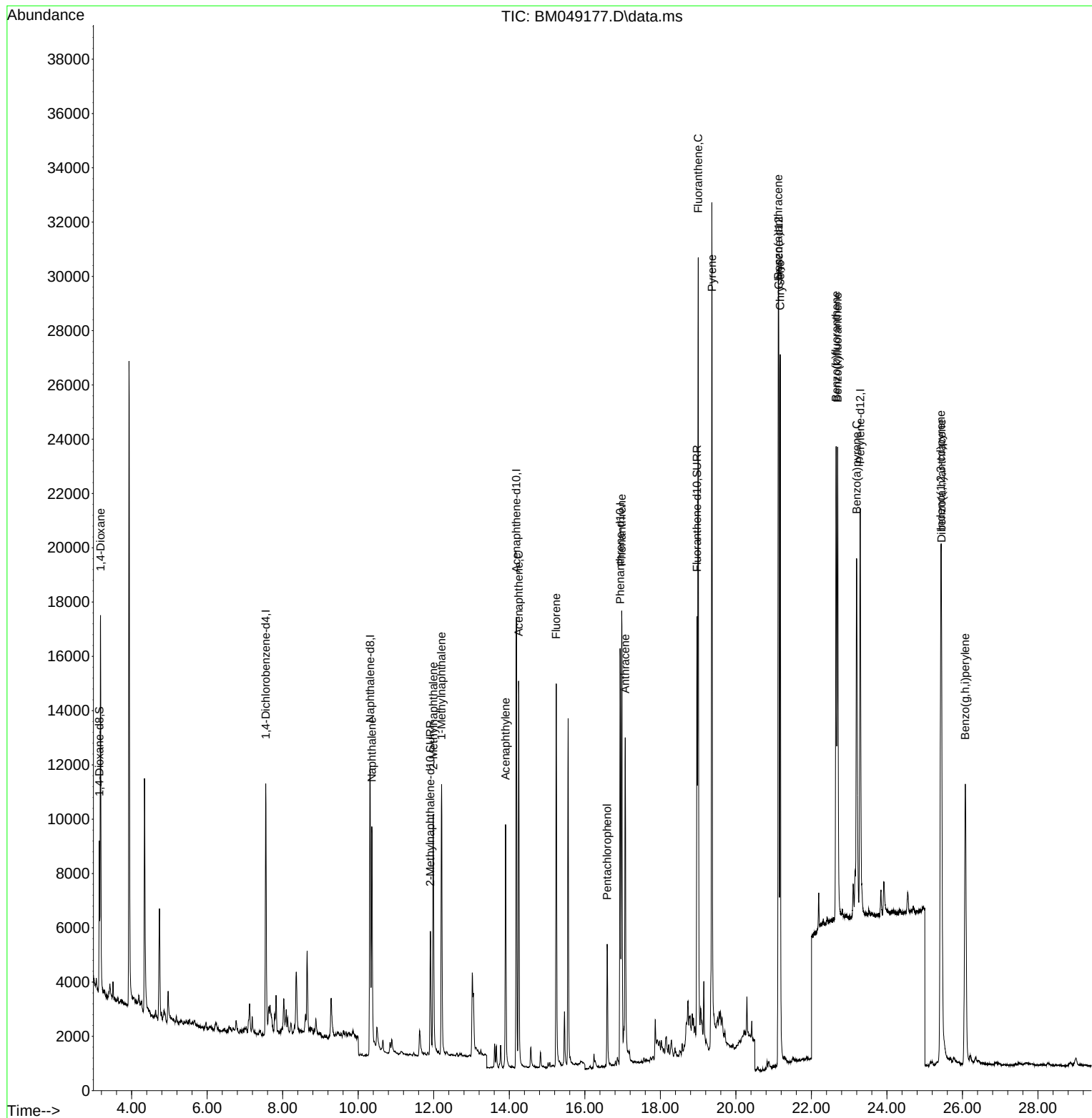
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	5519	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.315	136	16319	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	9344	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	20322	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	18855	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	19615	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3300	0.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	7277	0.332	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	17985	0.336	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.177	88	8656	1.163	ng/ul#	78
5) Naphthalene	10.359	128	13748	0.337	ng/ul	98
7) 2-Methylnaphthalene	11.987	142	7756	0.300	ng/ul	99
8) 1-Methylnaphthalene	12.207	142	7784	0.294	ng/ul	99
10) Acenaphthylene	13.901	152	11459	0.296	ng/ul	99
11) Acenaphthene	14.248	153	8464	0.299	ng/ul	99
12) Fluorene	15.242	166	10045	0.315	ng/ul	99
14) Pentachlorophenol	16.592	266	3347	0.596	ng/ul	96
15) Phenanthrene	16.977	178	18520	0.349	ng/ul	99
16) Anthracene	17.070	178	15148	0.311	ng/ul	98
19) Fluoranthene	19.002	202	25539	0.375	ng/ul#	95
20) Pyrene	19.365	202	27076	0.372	ng/ul	98
21) Benzo(a)anthracene	21.122	228	21766	0.332	ng/ul	100
22) Chrysene	21.175	228	23100	0.328	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	22356	0.357	ng/ul	98
25) Benzo(k)fluoranthene	22.694	252	23277	0.339	ng/ul	99
26) Benzo(a)pyrene	23.197	252	20113	0.335	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.427	276	26235	0.308	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.443	278	19450	0.294	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	21852	0.319	ng/ul	99

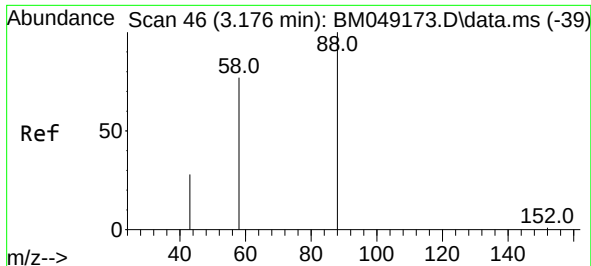
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

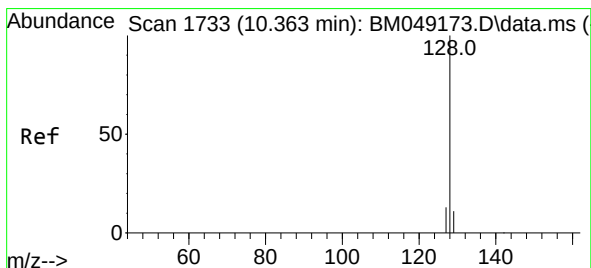
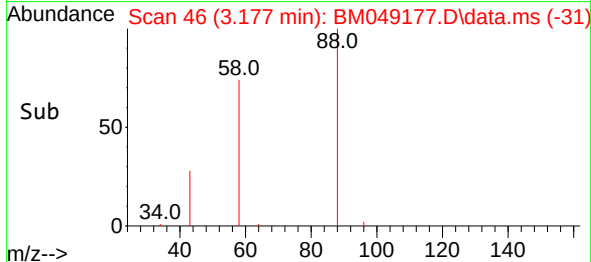
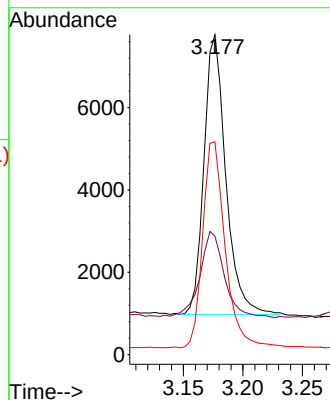
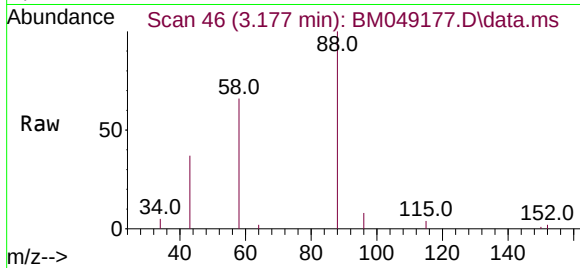




#2
1,4-Dioxane
Concen: 1.163 ng/ul
RT: 3.177 min Scan# 41
Delta R.T. -0.008 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

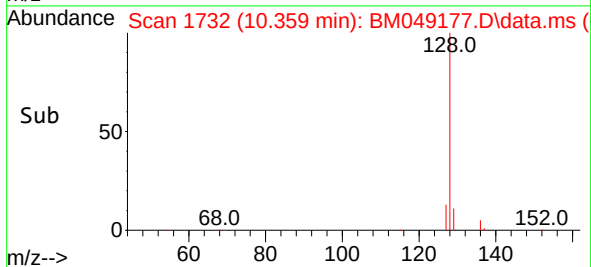
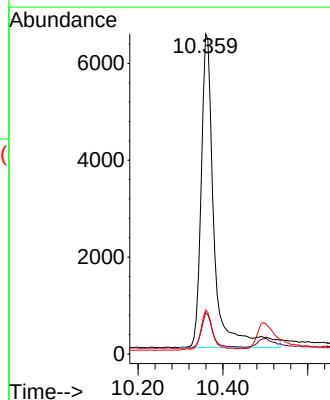
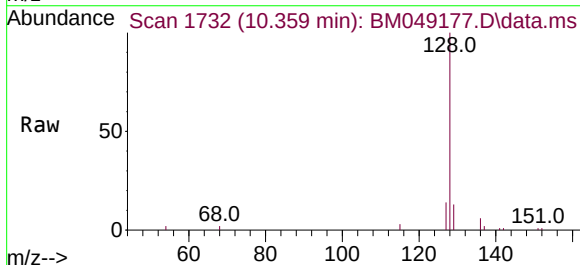
Instrument :
BNA_M
ClientSampleId :
E2AQ1MS

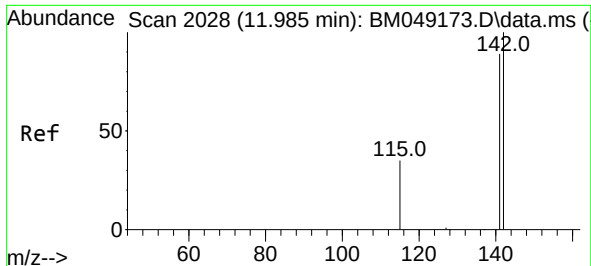
Tgt Ion: 88 Resp: 8656
Ion Ratio Lower Upper
88 100
43 37.1 45.4 68.2#
58 66.5 43.6 65.4#



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion: 128 Resp: 13748
Ion Ratio Lower Upper
128 100
129 12.9 9.7 14.5
127 13.8 10.6 16.0

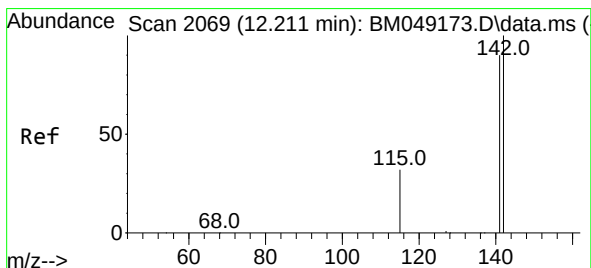
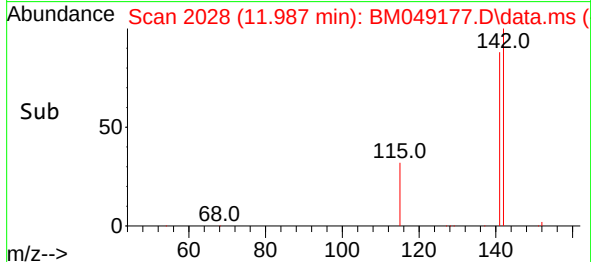
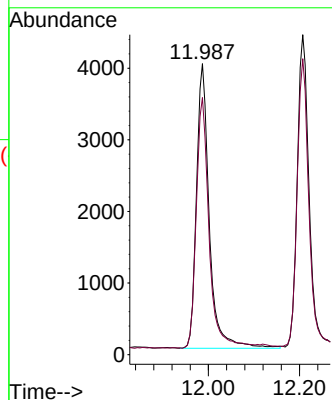
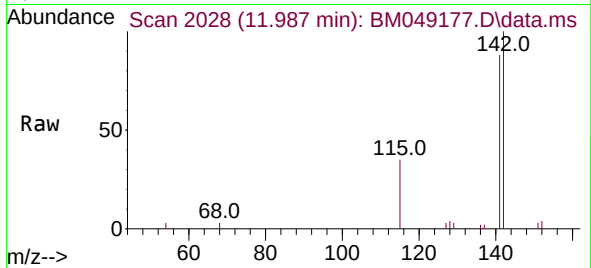




#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 11.987 min Scan# 2028
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

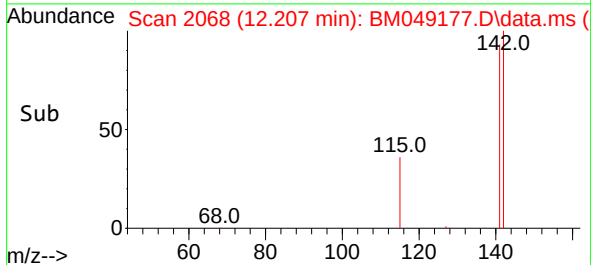
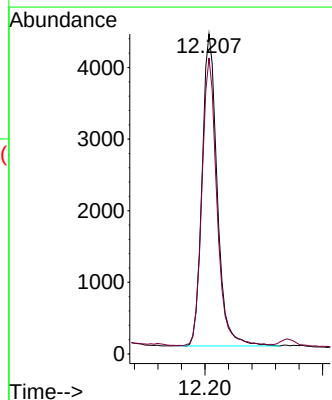
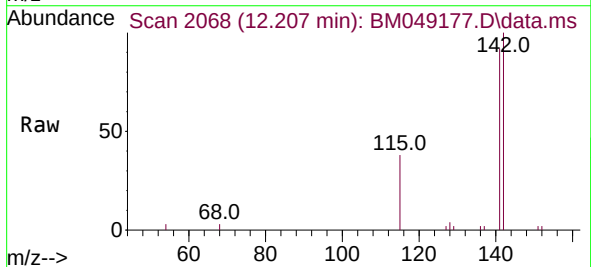
Instrument :
BNA_M
ClientSampleId :
E2AQ1MS

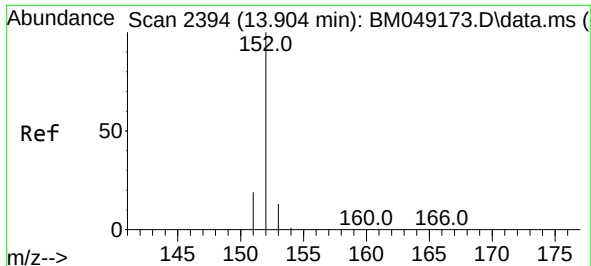
Tgt Ion:142 Resp: 7756
Ion Ratio Lower Upper
142 100
141 90.1 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.207 min Scan# 2068
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:142 Resp: 7784
Ion Ratio Lower Upper
142 100
141 92.1 72.7 109.1

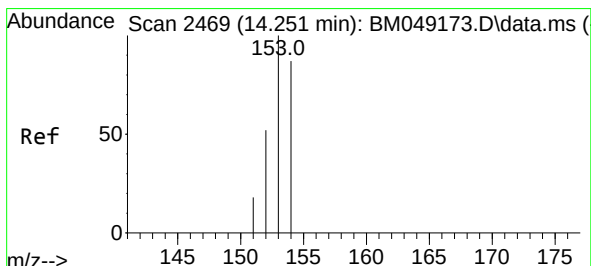
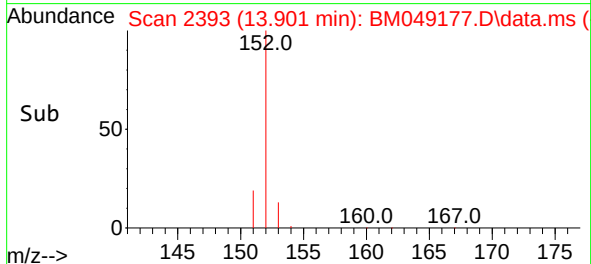
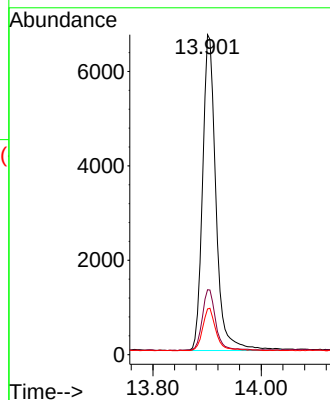
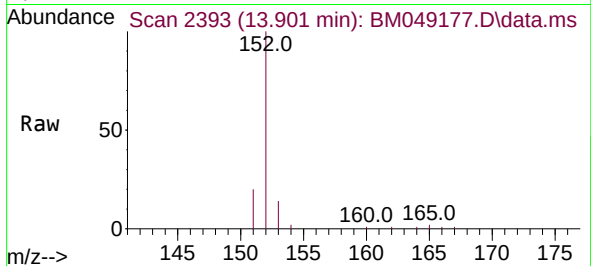




#10
Acenaphthylene
Concen: 0.296 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

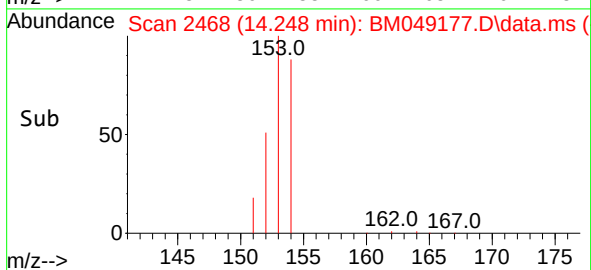
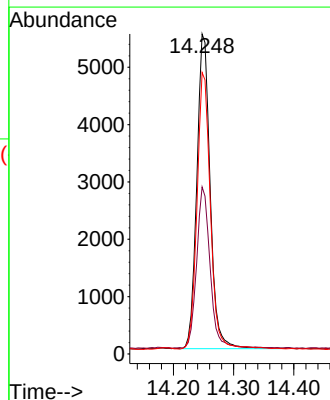
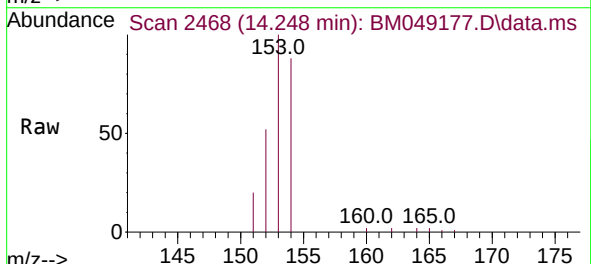
Instrument :
BNA_M
ClientSampleId :
E2AQ1MS

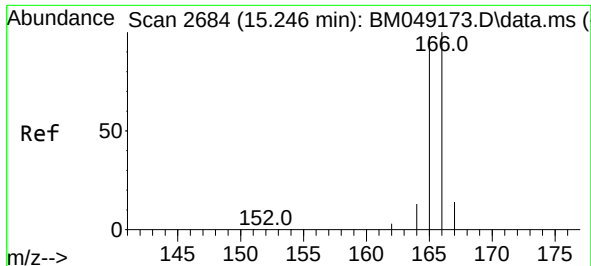
Tgt Ion:152	Resp:	11459
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.0 24.0
153	14.3	11.0 16.6



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. -0.017 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:153	Resp:	8464
Ion Ratio	Lower	Upper
153	100	
152	52.2	40.7 61.1
154	88.0	70.8 106.2

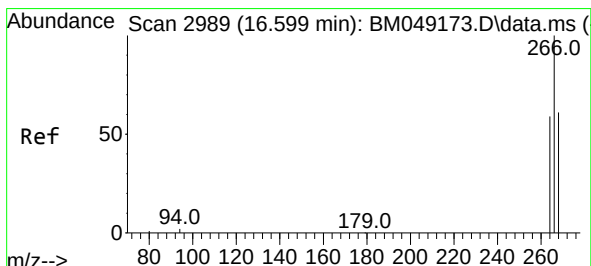
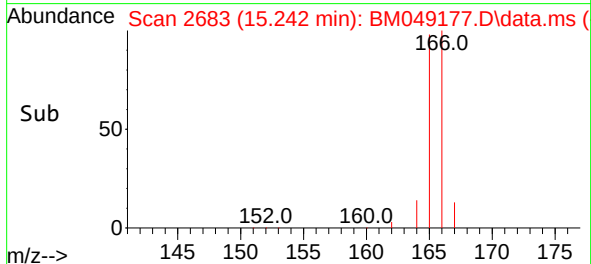
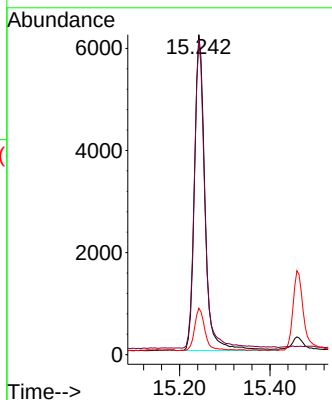
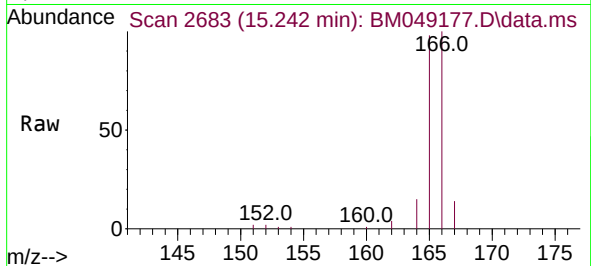




#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.242 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

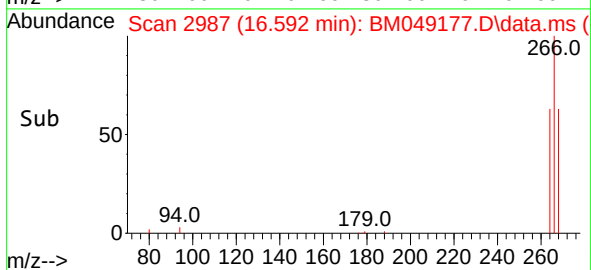
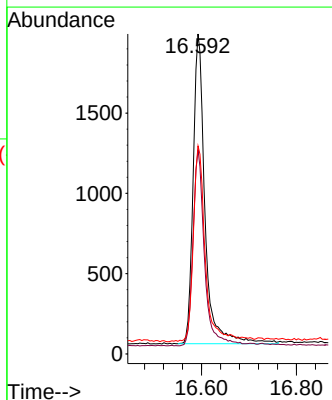
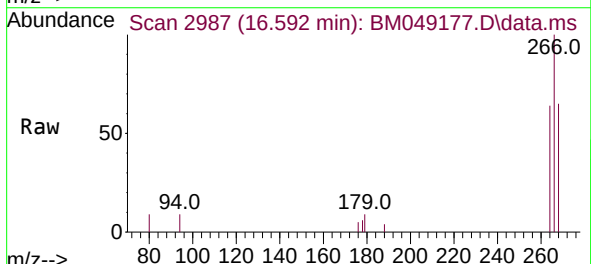
Instrument :
BNA_M
ClientSampleId :
E2AQ1MS

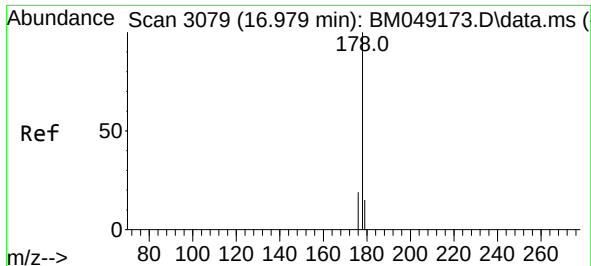
Tgt Ion:166 Resp: 10045
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.596 ng/ul
RT: 16.592 min Scan# 2987
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:266 Resp: 3347
Ion Ratio Lower Upper
266 100
264 61.9 48.3 72.5
268 64.5 47.5 71.3

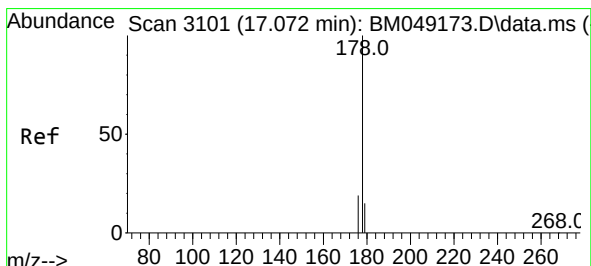
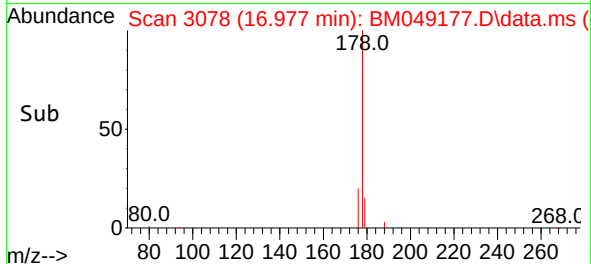
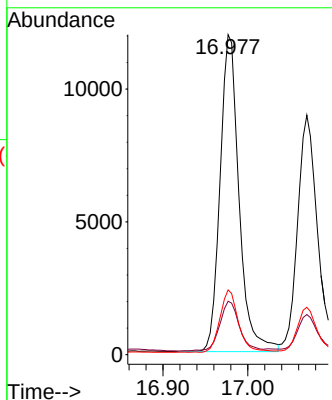
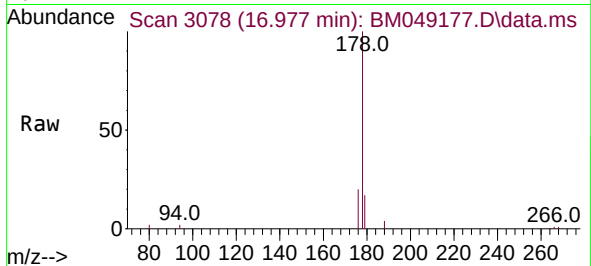




#15
Phenanthrene
Concen: 0.349 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

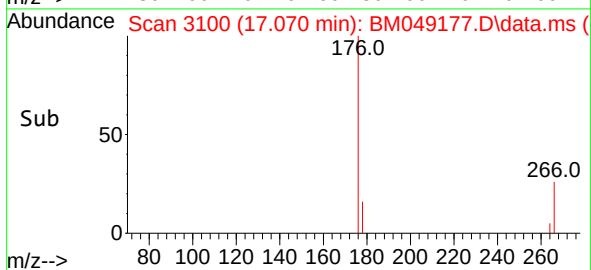
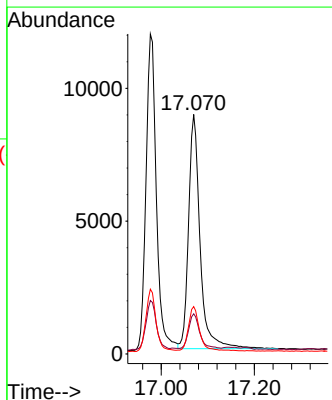
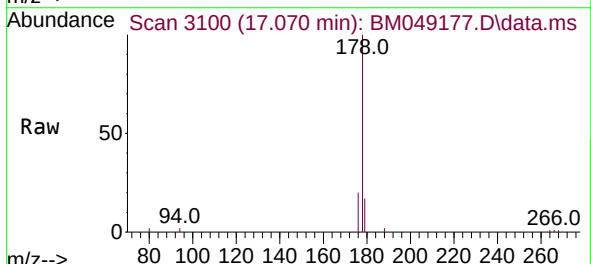
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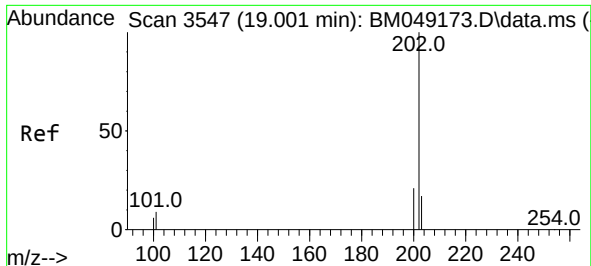
Tgt Ion:178 Resp: 18520
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.3 16.2 24.2



#16
Anthracene
Concen: 0.311 ng/ul
RT: 17.070 min Scan# 3100
Delta R.T. -0.015 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:178 Resp: 15148
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.8 15.3 22.9

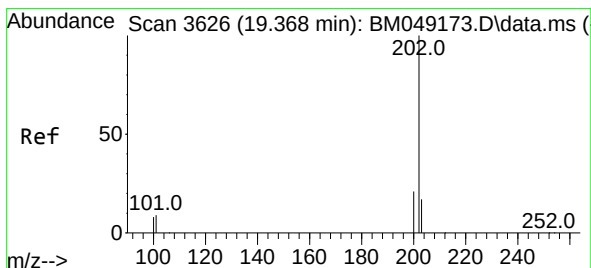
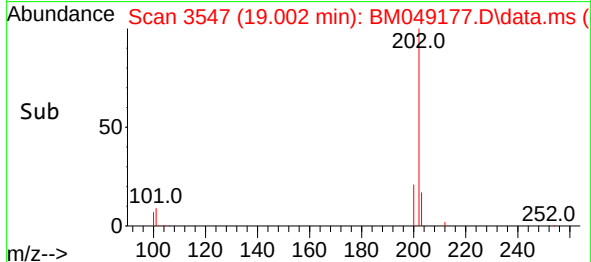
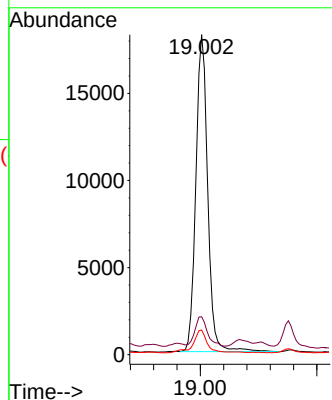
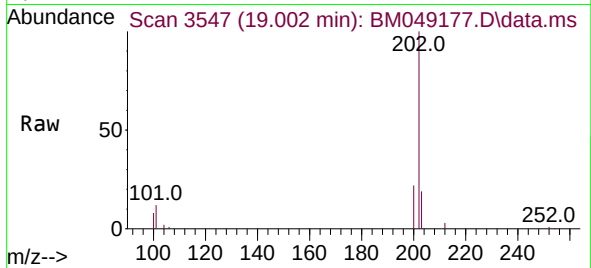




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

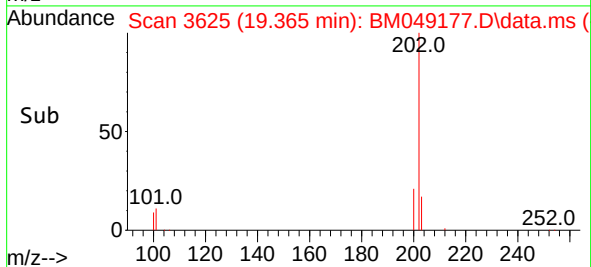
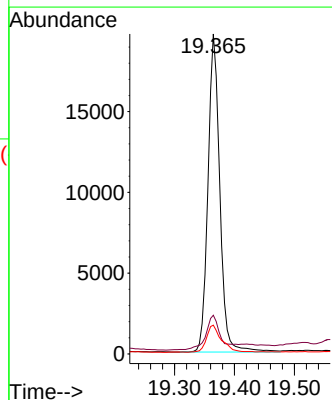
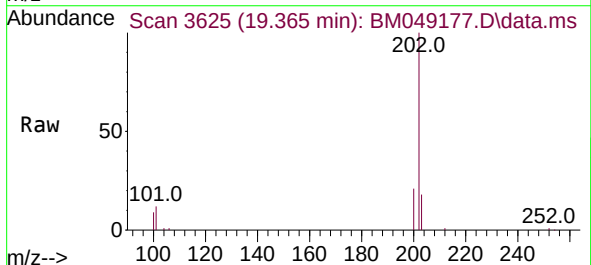
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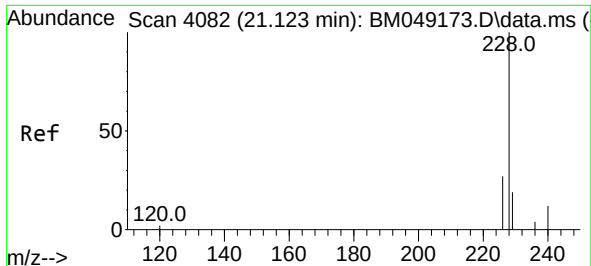
Tgt Ion:202 Resp: 25539
Ion Ratio Lower Upper
202 100
101 11.9 7.6 11.4#
100 7.7 5.5 8.3



#20
Pyrene
Concen: 0.372 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:202 Resp: 27076
Ion Ratio Lower Upper
202 100
101 12.1 8.9 13.3
100 9.0 6.9 10.3

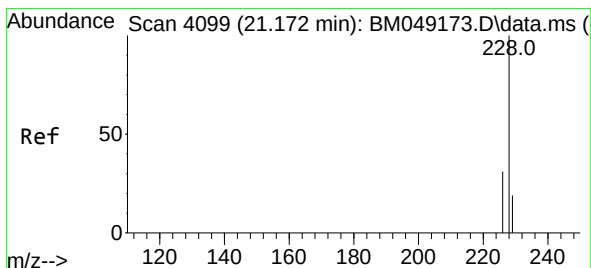
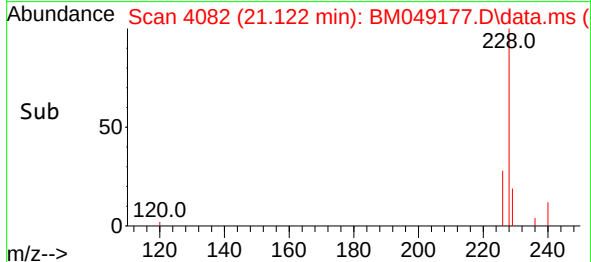
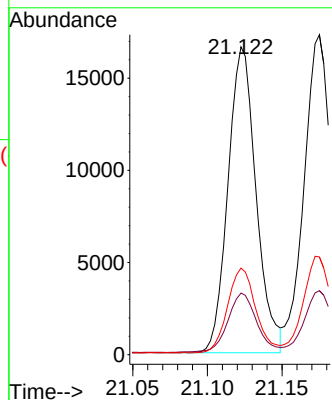
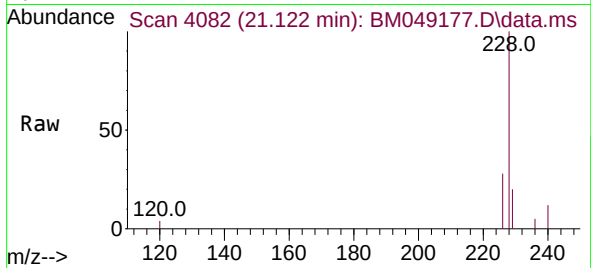




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.122 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

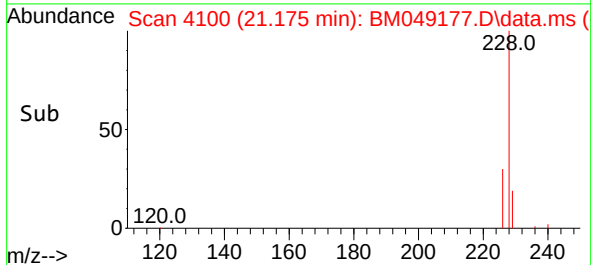
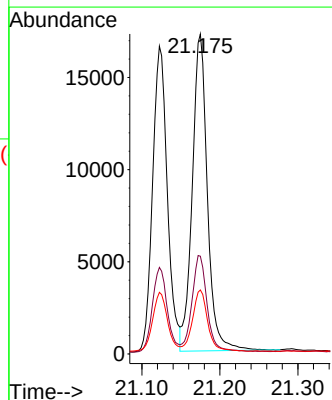
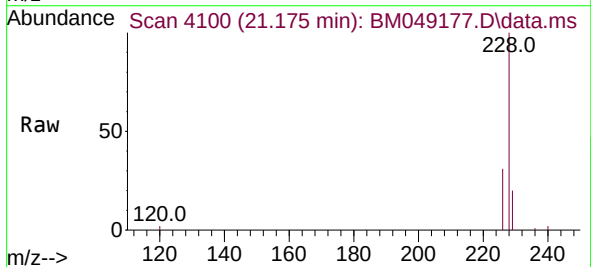
Instrument :
BNA_M
ClientSampleId :
E2AQ1MS

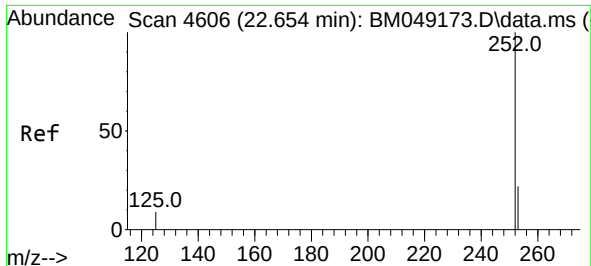
Tgt Ion:228 Resp: 21766
Ion Ratio Lower Upper
228 100
229 20.0 15.9 23.9
226 28.1 22.6 34.0



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

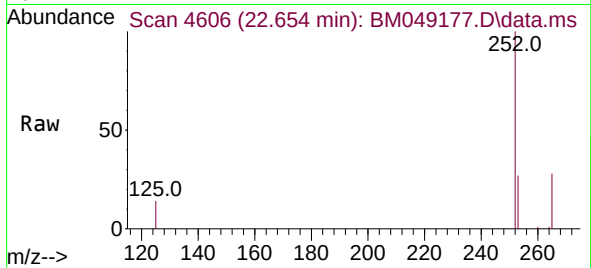
Tgt Ion:228 Resp: 23100
Ion Ratio Lower Upper
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226 30.5 24.1 36.1
229 20.0 15.8 23.8



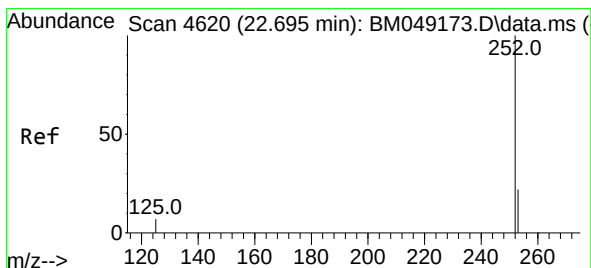
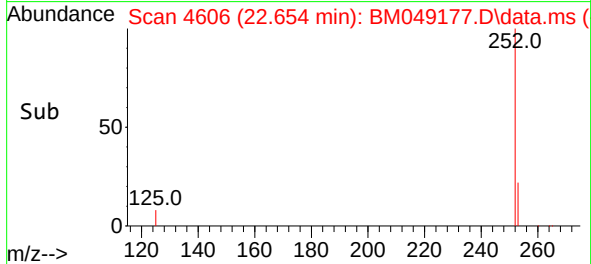
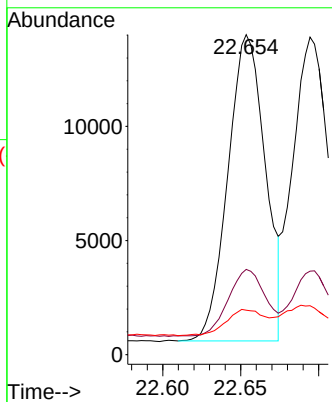


#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :
E2AQ1MS

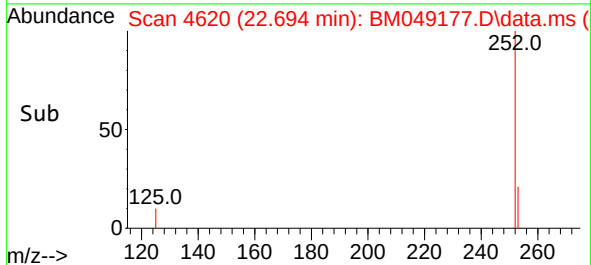
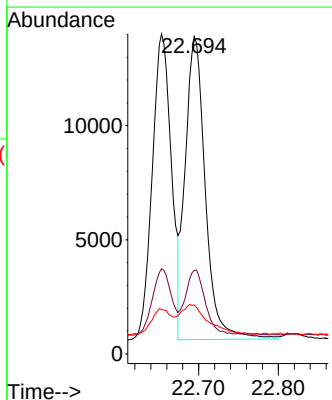
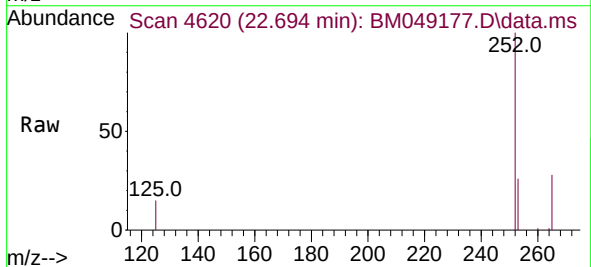


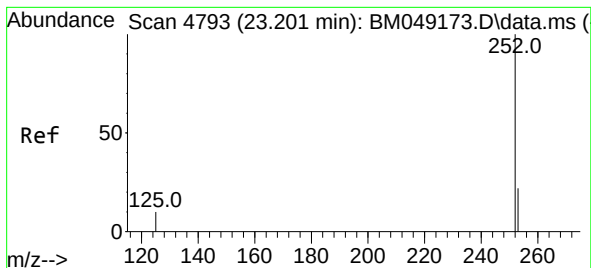
Tgt Ion:252 Resp: 22356
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.6
125 13.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:252 Resp: 23277
Ion Ratio Lower Upper
252 100
253 26.3 21.3 31.9
125 15.4 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.335 ng/ul

RT: 23.197 min Scan# 4792

Delta R.T. -0.012 min

Lab File: BM049177.D

Acq: 24 Dec 2024 10:34

Instrument :

BNA_M

ClientSampleId :

E2AQ1MS

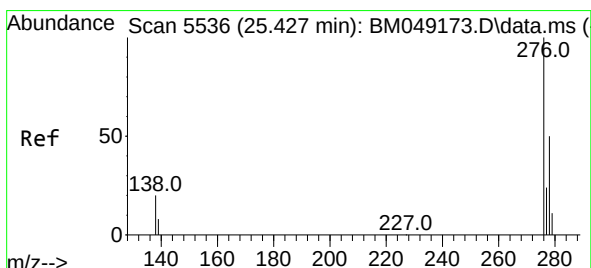
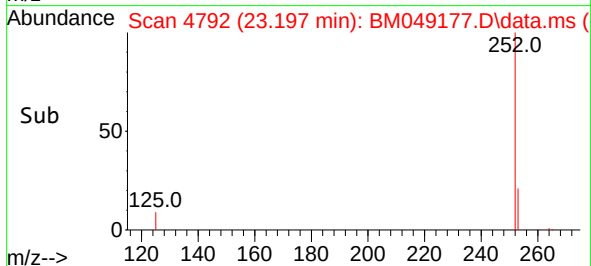
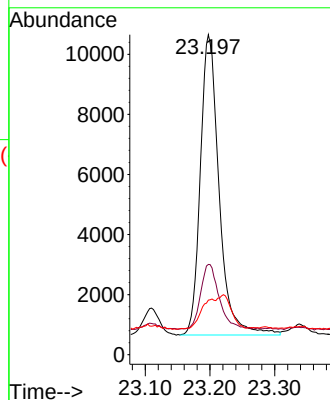
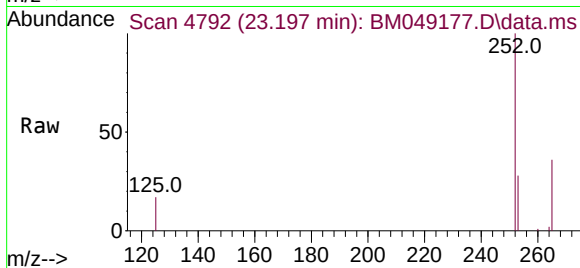
Tgt Ion:252 Resp: 20113

Ion Ratio Lower Upper

252 100

253 28.2 22.4 33.6

125 17.0 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.308 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. -0.020 min

Lab File: BM049177.D

Acq: 24 Dec 2024 10:34

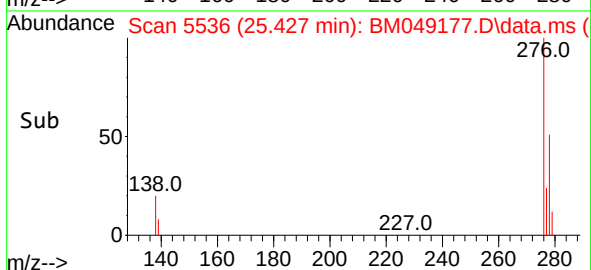
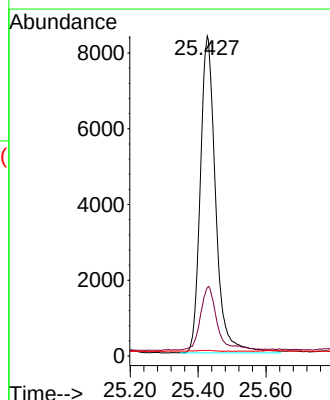
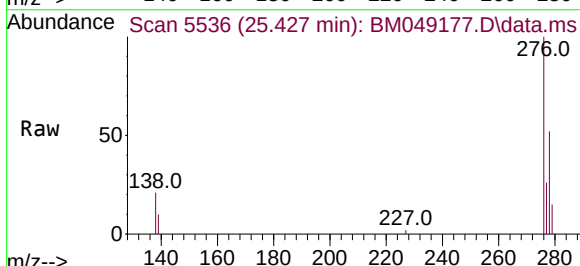
Tgt Ion:276 Resp: 26235

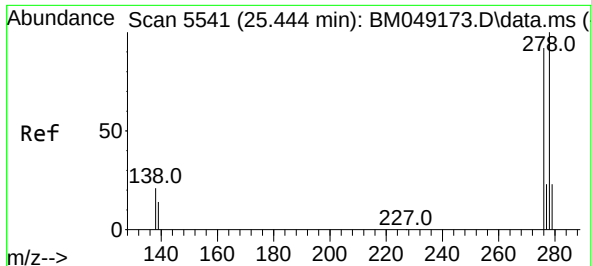
Ion Ratio Lower Upper

276 100

138 21.4 17.4 26.2

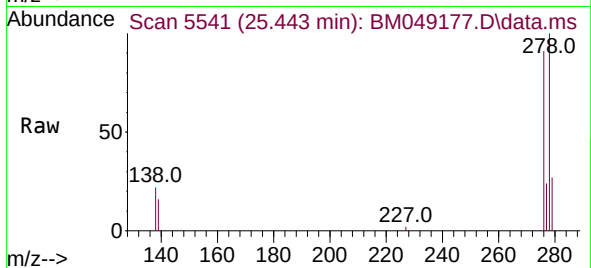
227 0.0 0.2 0.2#



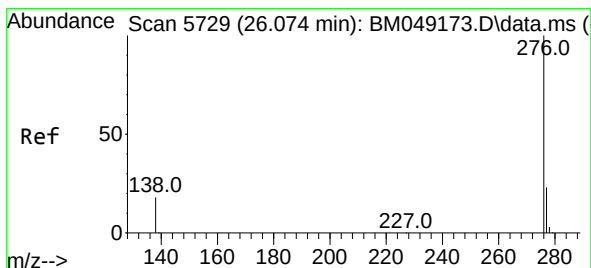
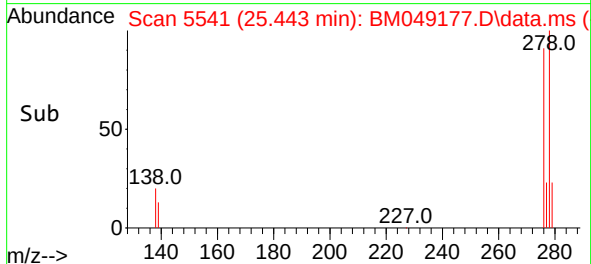
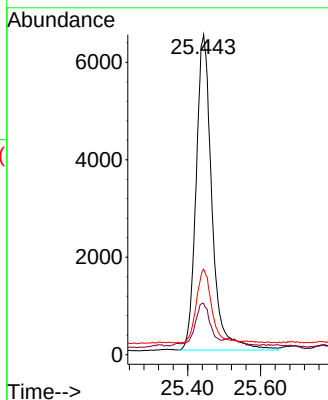


#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 25.443 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Instrument :
BNA_M
ClientSampleId :
E2AQ1MS



Tgt Ion:278 Resp: 19450
Ion Ratio Lower Upper
278 100
139 16.0 13.5 20.3
279 26.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049177.D
Acq: 24 Dec 2024 10:34

Tgt Ion:276 Resp: 21852
Ion Ratio Lower Upper
276 100
138 19.9 16.7 25.1
277 25.2 19.9 29.9

