

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049258.D
 Acq On : 27 Dec 2024 17:38
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4132

Quant Time: Dec 27 22:13:03 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)

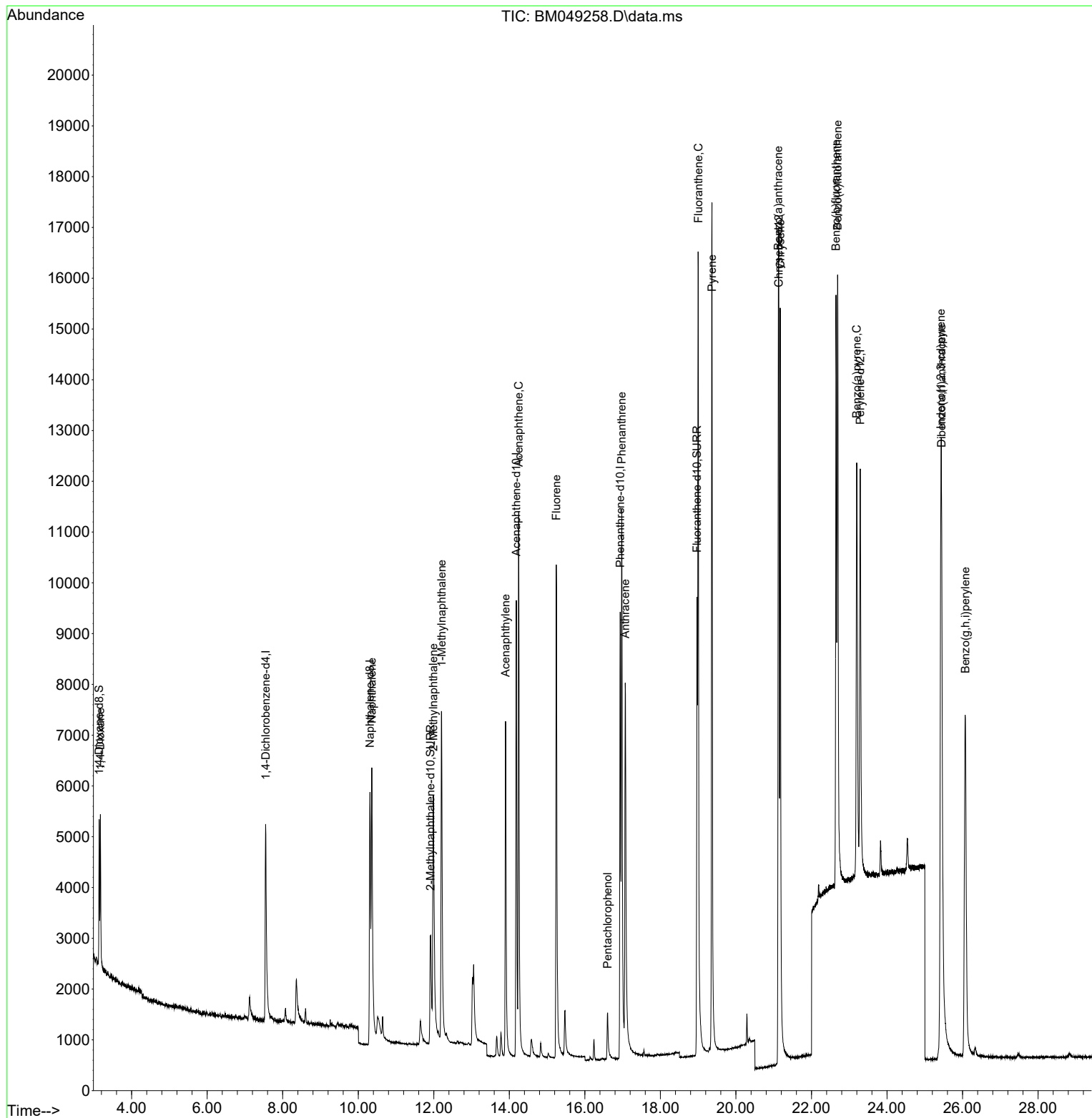
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	3269	0.400	ng/ul	0.00
4) Naphthalene-d8	10.310	136	9876	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	6155	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	13859	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	10791	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	11885	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	1677	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	5308	0.400	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	12994	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.172	88	1889	0.429	ng/ul#	82
5) Naphthalene	10.359	128	9999	0.404	ng/ul	99
7) 2-Methylnaphthalene	11.987	142	6162	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.207	142	6486	0.404	ng/ul	100
10) Acenaphthylene	13.901	152	9721	0.381	ng/ul	99
11) Acenaphthene	14.248	153	7488	0.402	ng/ul	99
12) Fluorene	15.242	166	8580	0.408	ng/ul	100
14) Pentachlorophenol	16.601	266	1004	0.262	ng/ul	98
15) Phenanthrene	16.977	178	13646	0.377	ng/ul	100
16) Anthracene	17.070	178	12065	0.363	ng/ul	98
19) Fluoranthene	19.002	202	16677	0.427	ng/ul	99
20) Pyrene	19.365	202	17442	0.419	ng/ul	100
21) Benzo(a)anthracene	21.122	228	13005	0.346	ng/ul	100
22) Chrysene	21.175	228	16565	0.411	ng/ul	99
24) Benzo(b)fluoranthene	22.651	252	14737	0.388	ng/ul	99
25) Benzo(k)fluoranthene	22.692	252	18277	0.439	ng/ul	98
26) Benzo(a)pyrene	23.197	252	14726	0.404	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.427	276	20002	0.388	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.443	278	15018	0.375	ng/ul	99
29) Benzo(g,h,i)perylene	26.074	276	16441	0.397	ng/ul	98

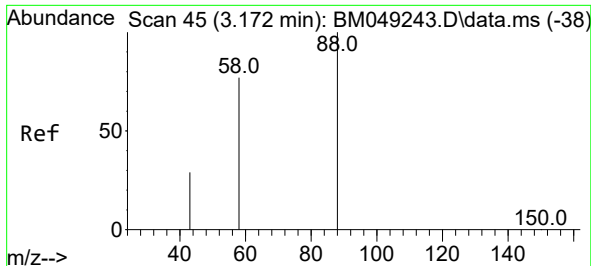
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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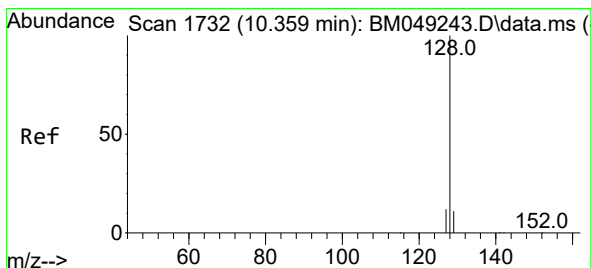
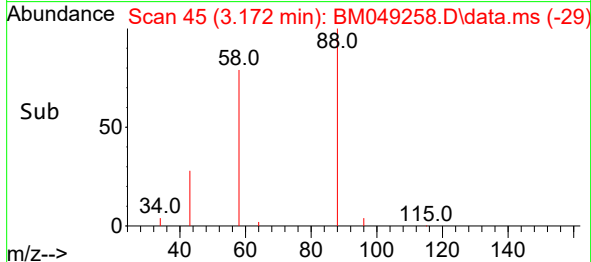
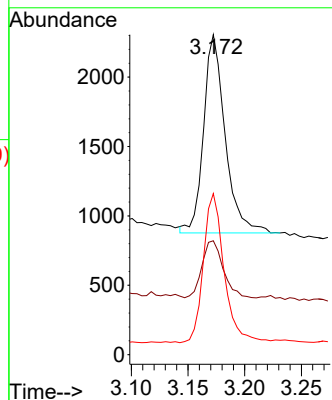
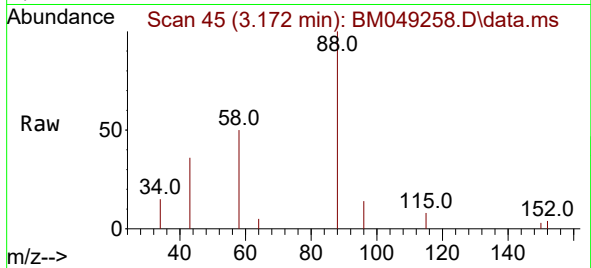




#2
1,4-Dioxane
Concen: 0.429 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

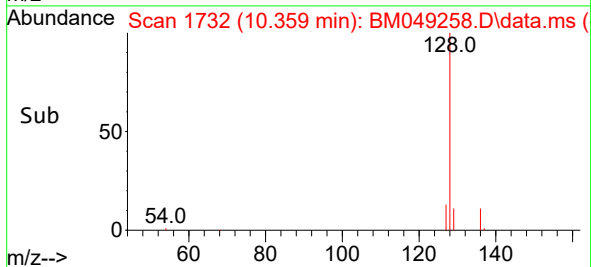
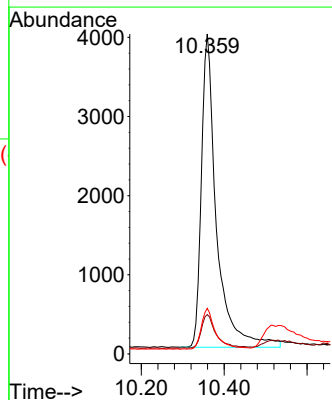
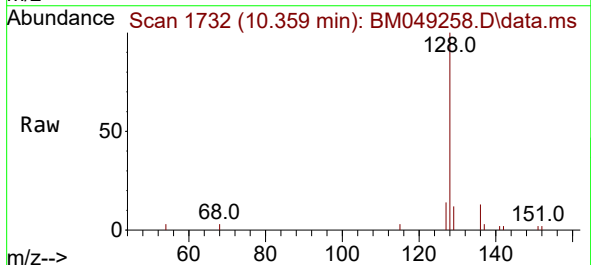
Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

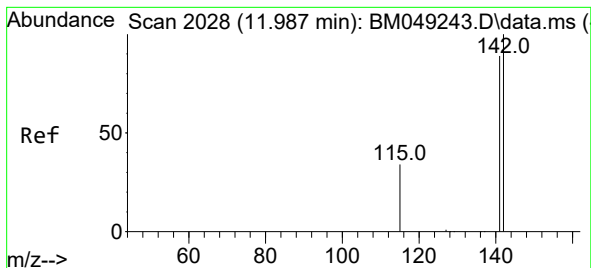
Tgt Ion: 88 Resp: 1889
Ion Ratio Lower Upper
88 100
43 35.6 45.4 68.2#
58 50.3 43.6 65.4



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.359 min Scan# 1732
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

Tgt Ion: 128 Resp: 9999
Ion Ratio Lower Upper
128 100
129 12.3 9.7 14.5
127 14.2 10.6 16.0





#7

2-Methylnaphthalene

Concen: 0.393 ng/ul

RT: 11.987 min Scan# 2028

Delta R.T. 0.007 min

Lab File: BM049258.D

Acq: 27 Dec 2024 17:38

Instrument :

BNA_M

ClientSampleId :

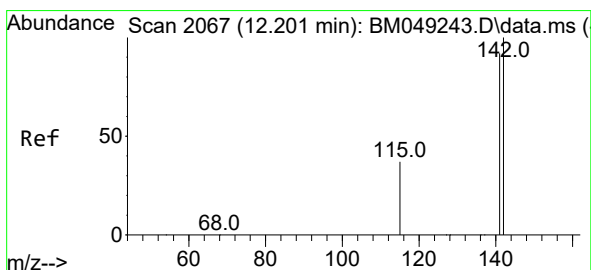
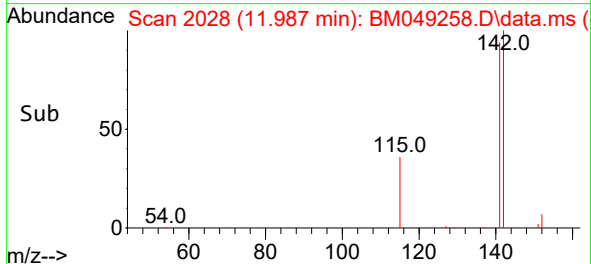
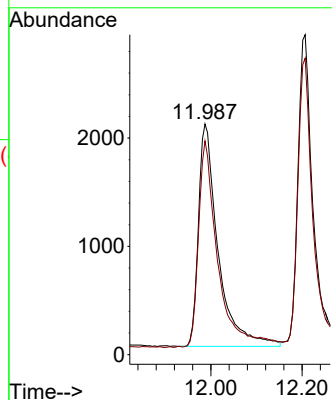
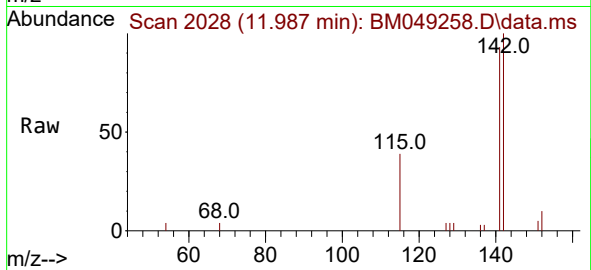
SSTD0.4132

Tgt Ion:142 Resp: 6162

Ion Ratio Lower Upper

142 100

141 90.7 71.7 107.5



#8

1-Methylnaphthalene

Concen: 0.404 ng/ul

RT: 12.207 min Scan# 2068

Delta R.T. 0.001 min

Lab File: BM049258.D

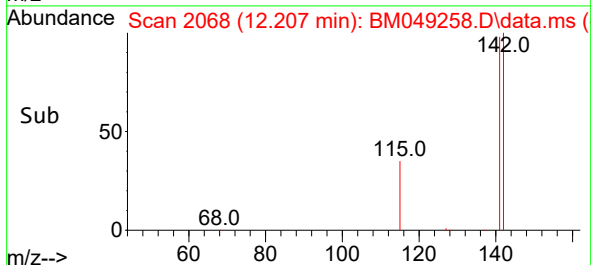
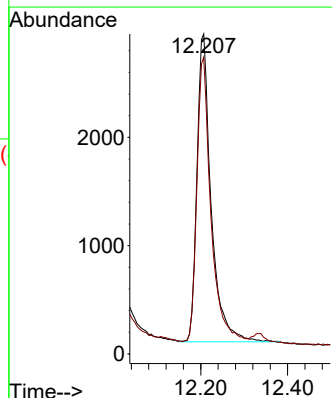
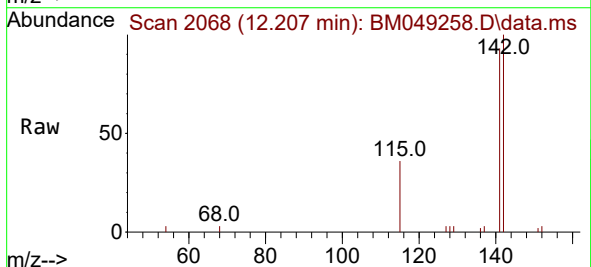
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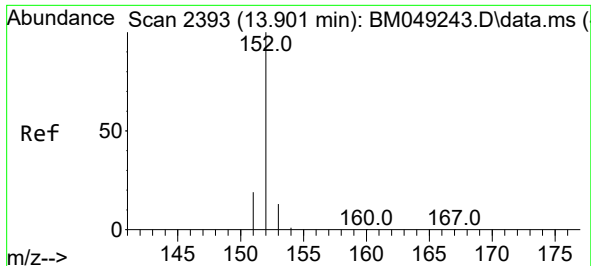
Tgt Ion:142 Resp: 6486

Ion Ratio Lower Upper

142 100

141 91.0 72.7 109.1

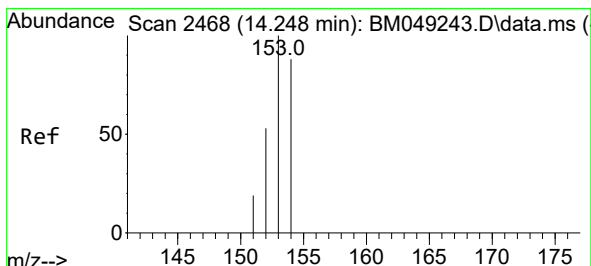
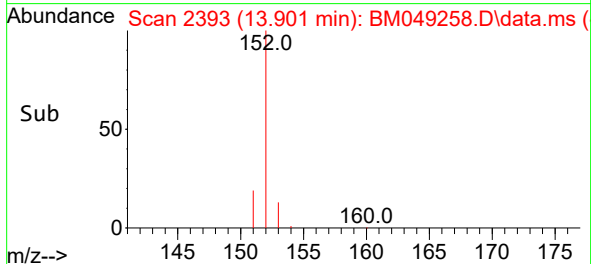
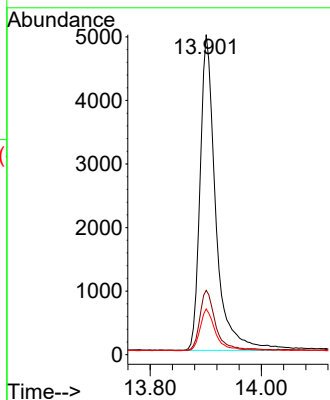
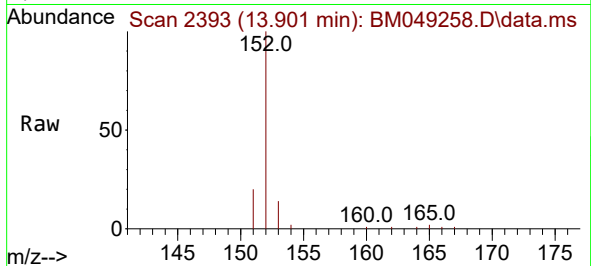




#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

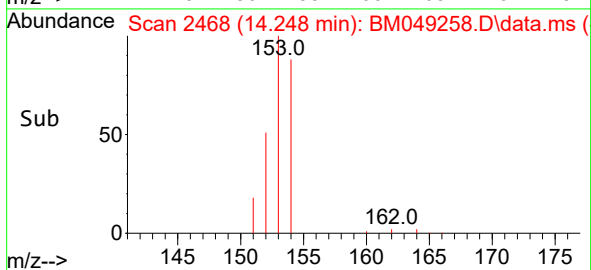
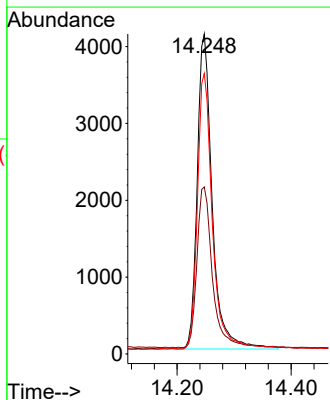
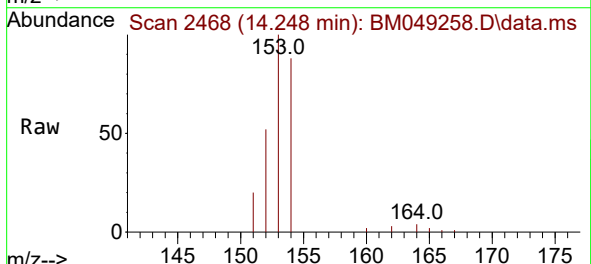
Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

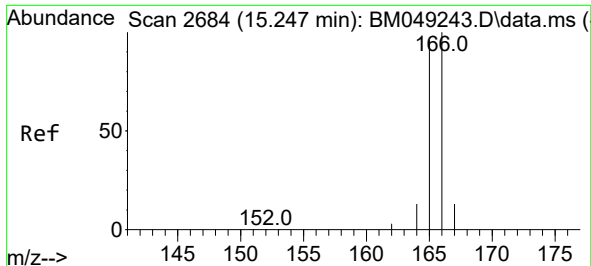
Tgt Ion:152	Resp:	9721
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.0 24.0
153	14.3	11.0 16.6



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.248 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

Tgt Ion:153	Resp:	7488
Ion Ratio	Lower	Upper
153	100	
152	52.2	40.7 61.1
154	87.7	70.8 106.2

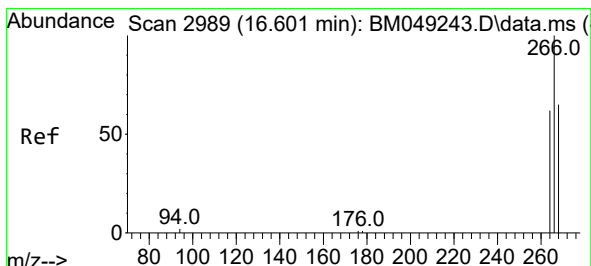
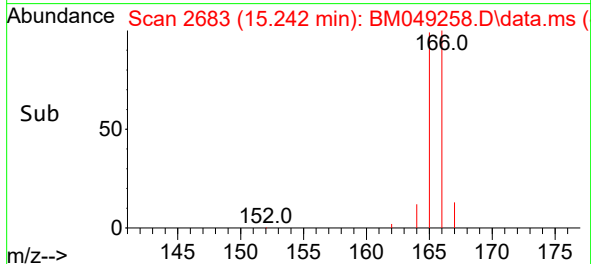
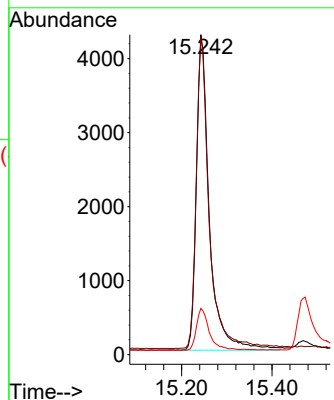
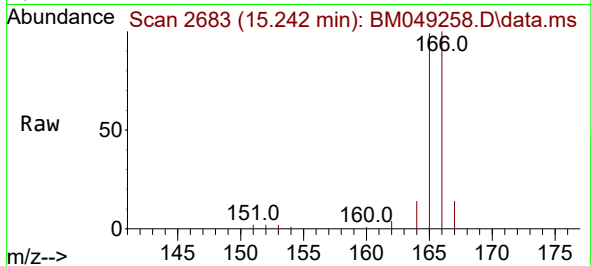




#12
 Fluorene
 Concen: 0.408 ng/ul
 RT: 15.242 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: BM049258.D
 Acq: 27 Dec 2024 17:38

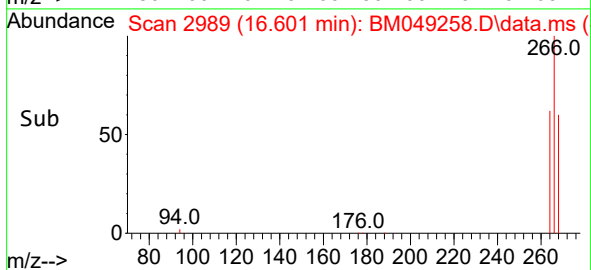
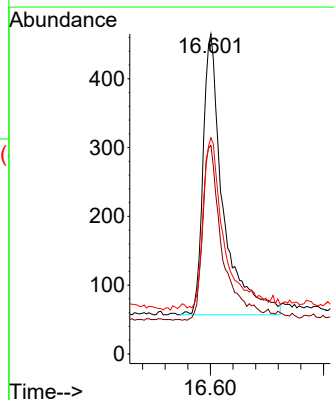
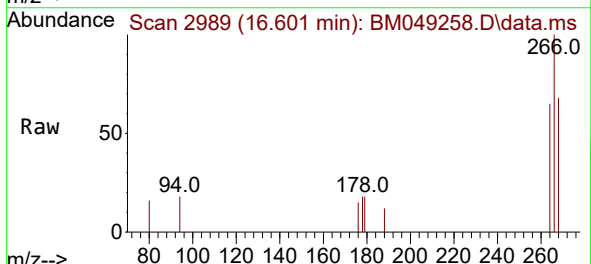
Instrument :
 BNA_M
 ClientSampleId :
 SST00.4132

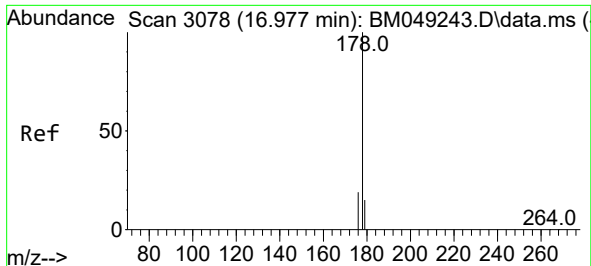
Tgt Ion:166 Resp: 8580
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.7 119.5
 167 14.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.262 ng/ul
 RT: 16.601 min Scan# 2989
 Delta R.T. 0.006 min
 Lab File: BM049258.D
 Acq: 27 Dec 2024 17:38

Tgt Ion:266 Resp: 1004
 Ion Ratio Lower Upper
 266 100
 264 61.6 48.3 72.5
 268 61.6 47.5 71.3

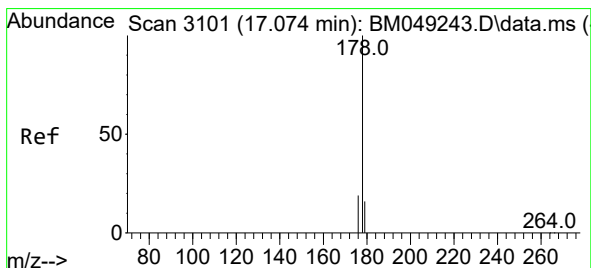
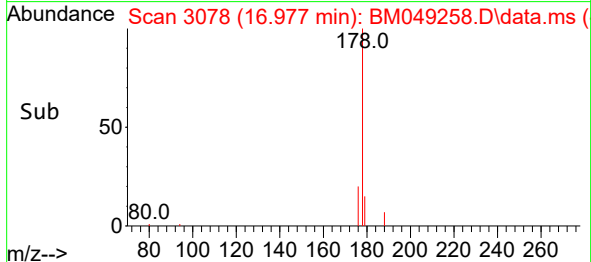
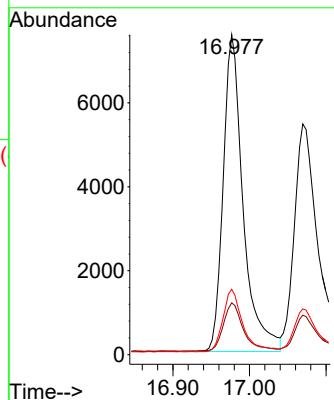
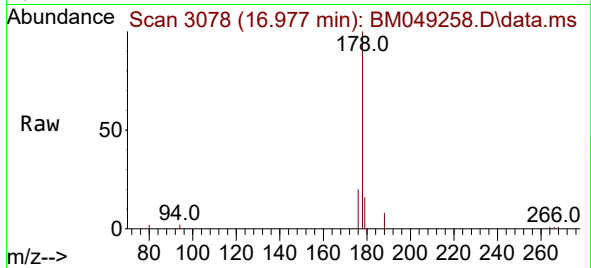




#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.977 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

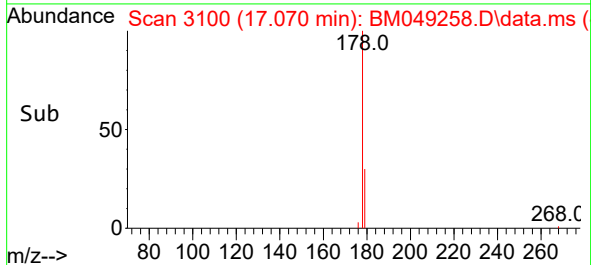
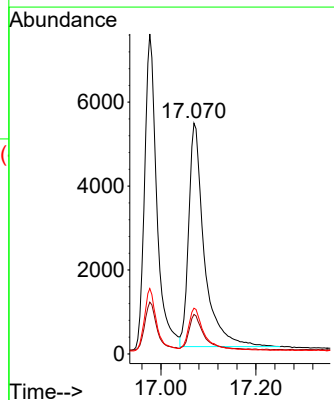
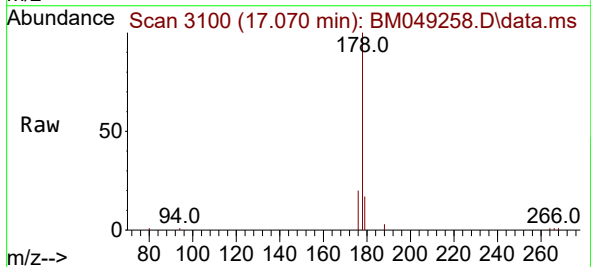
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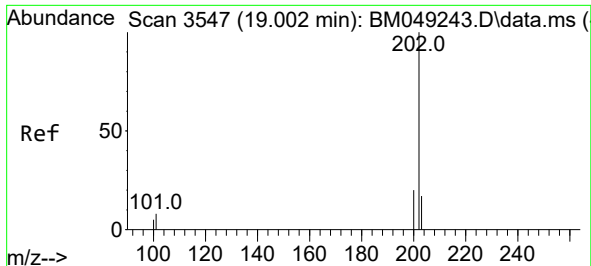
Tgt Ion:	178	Resp:	13646
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.0	19.4
176	20.5	16.2	24.2



#16
Anthracene
Concen: 0.363 ng/ul
RT: 17.070 min Scan# 3100
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

Tgt Ion:	178	Resp:	12065
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.9	19.3
176	19.9	15.3	22.9

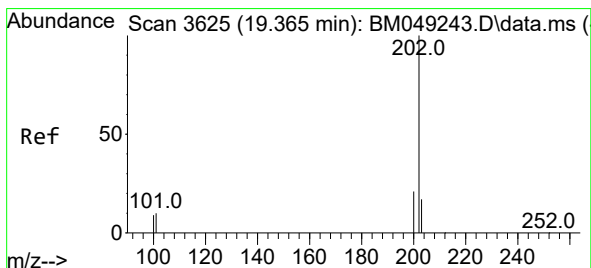
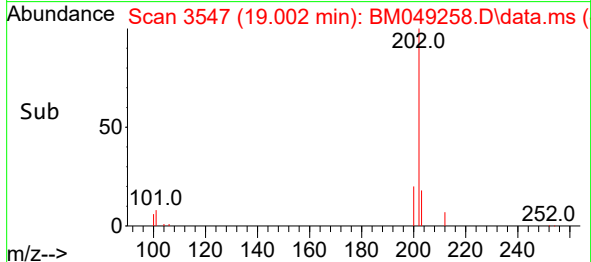
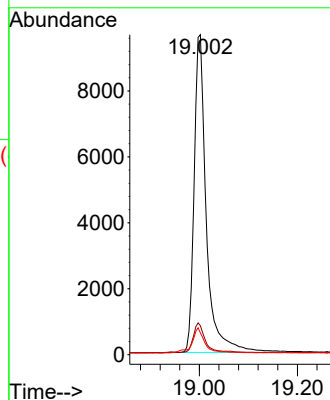
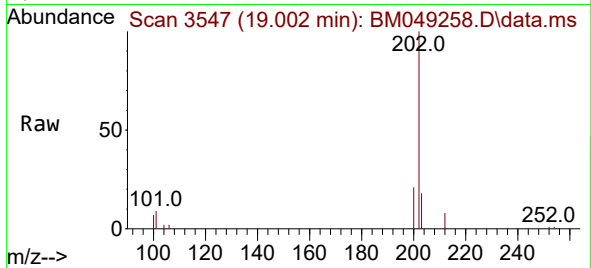




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

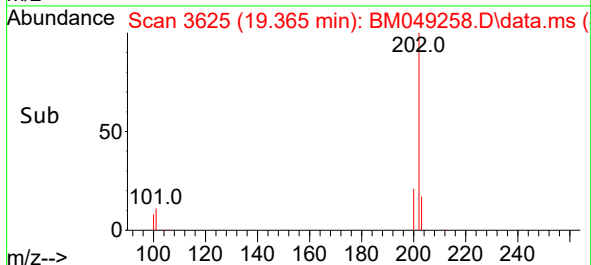
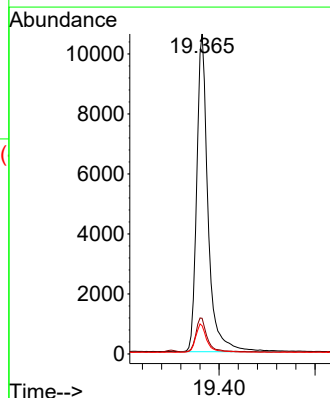
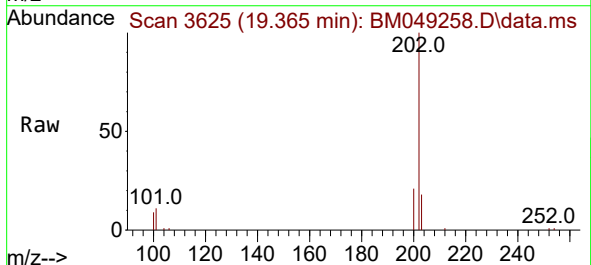
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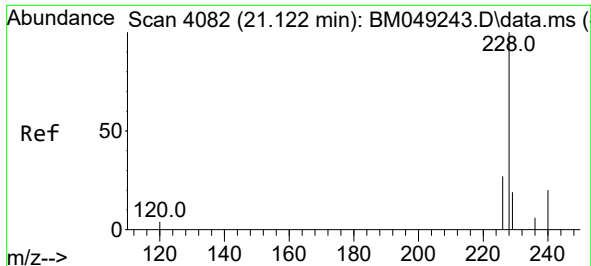
Tgt Ion:202 Resp: 16677
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 6.8 5.5 8.3



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

Tgt Ion:202 Resp: 17442
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.8 6.9 10.3

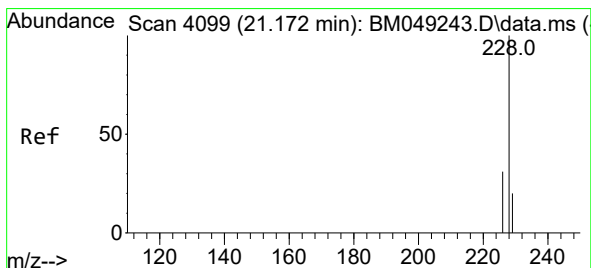
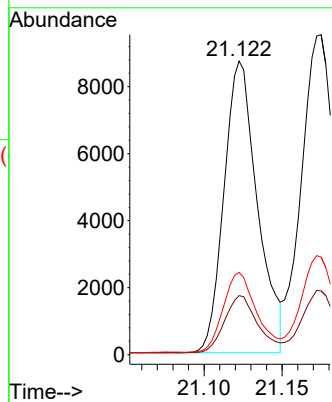
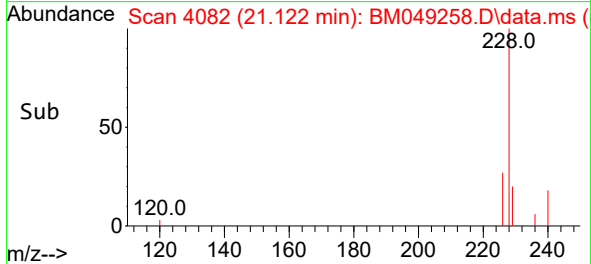
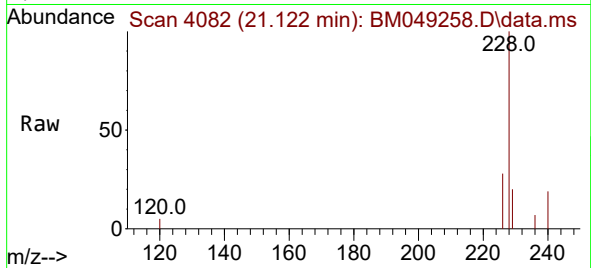




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.122 min Scan# 4082
Delta R.T. 0.003 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

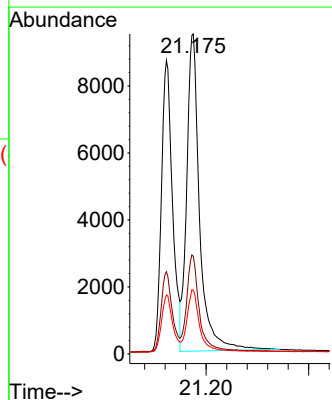
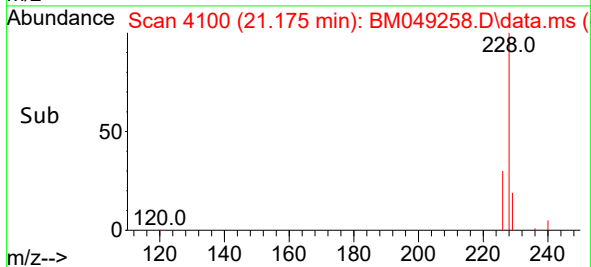
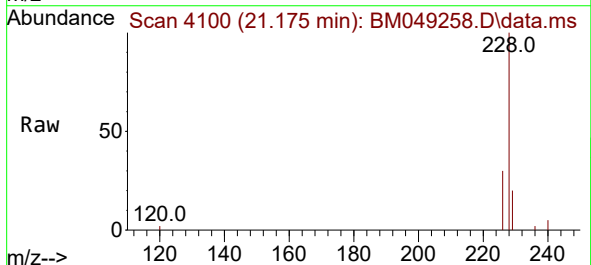
Instrument :
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SSTD0.4132

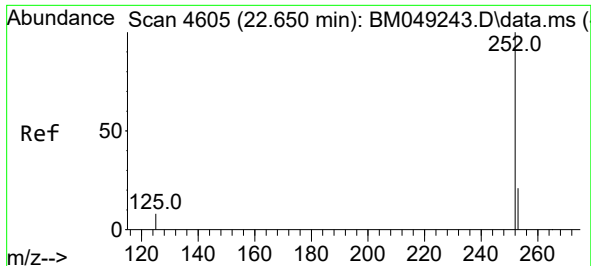
Tgt Ion:228 Resp: 13005
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. 0.003 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

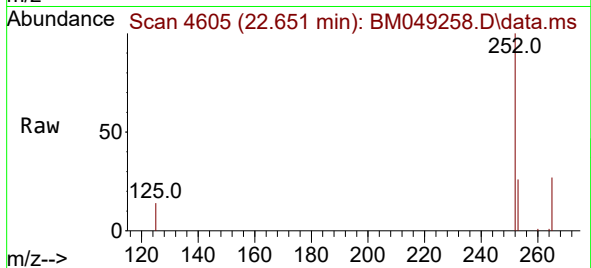
Tgt Ion:228 Resp: 16565
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 19.9 15.8 23.8



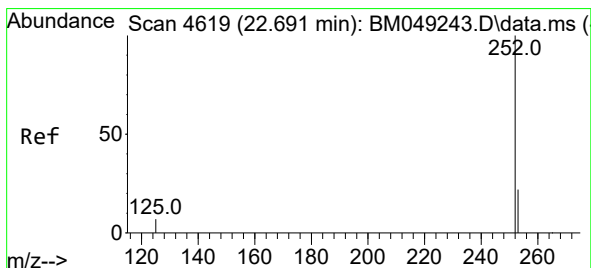
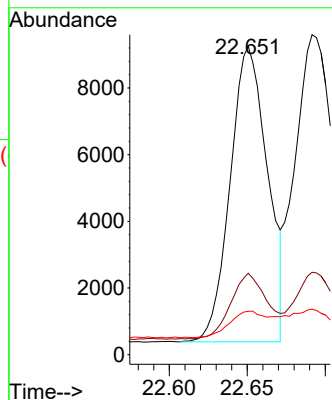


#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. 0.003 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD0.4132

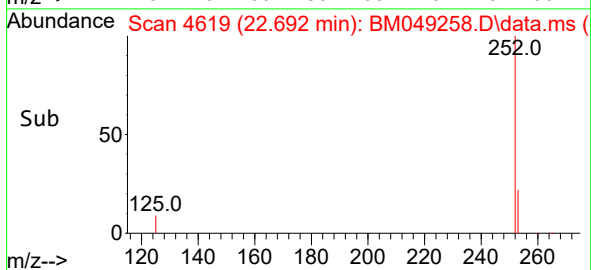
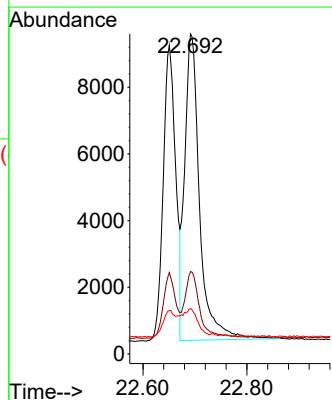
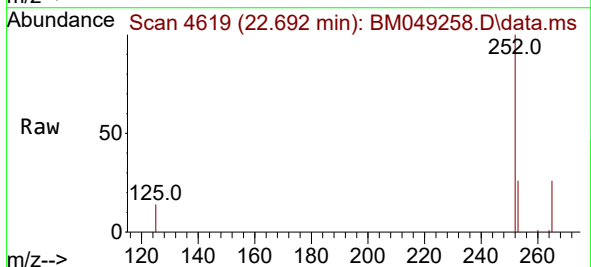


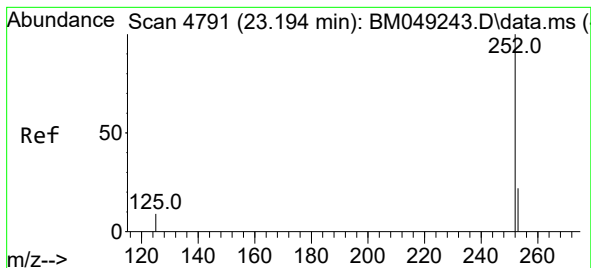
Tgt Ion:252 Resp: 14737
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.6
125 14.1 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 22.692 min Scan# 4619
Delta R.T. -0.000 min
Lab File: BM049258.D
Acq: 27 Dec 2024 17:38

Tgt Ion:252 Resp: 18277
Ion Ratio Lower Upper
252 100
253 25.8 21.3 31.9
125 14.2 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.197 min Scan# 4791

Delta R.T. 0.006 min

Lab File: BM049258.D

Acq: 27 Dec 2024 17:38

Instrument :

BNA_M

ClientSampleId :

SSTD0.4132

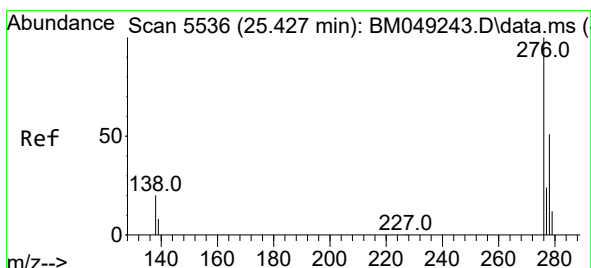
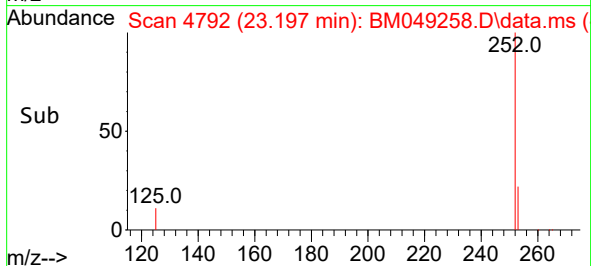
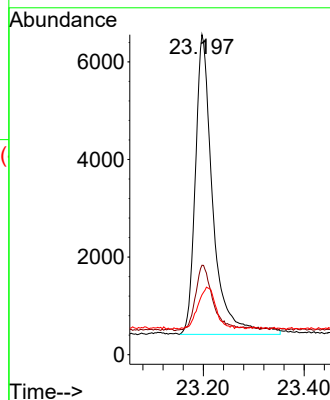
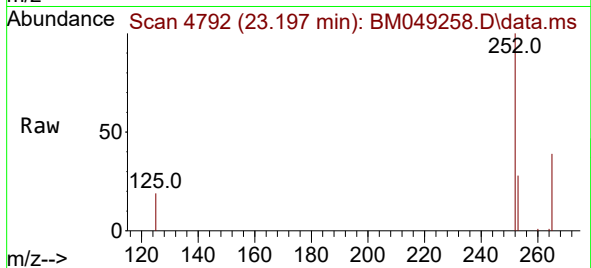
Tgt Ion:252 Resp: 14726

Ion Ratio Lower Upper

252 100

253 27.9 22.4 33.6

125 18.7 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. 0.010 min

Lab File: BM049258.D

Acq: 27 Dec 2024 17:38

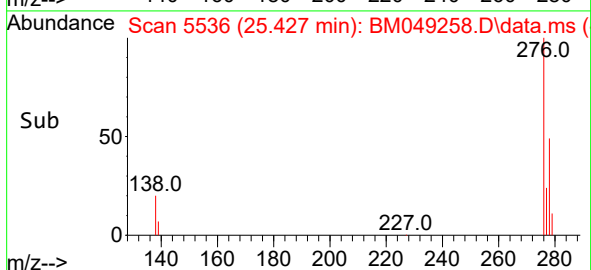
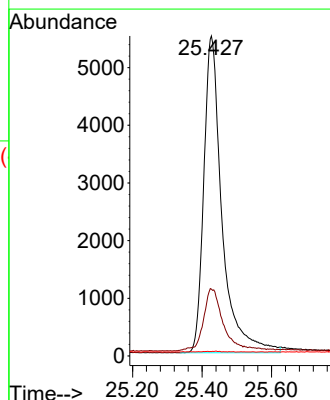
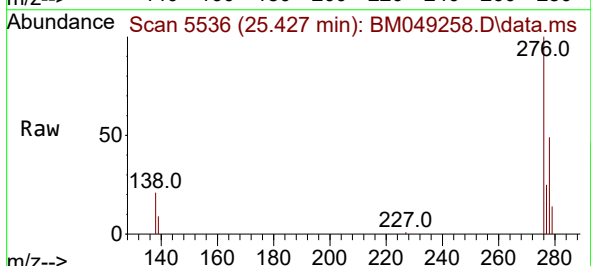
Tgt Ion:276 Resp: 20002

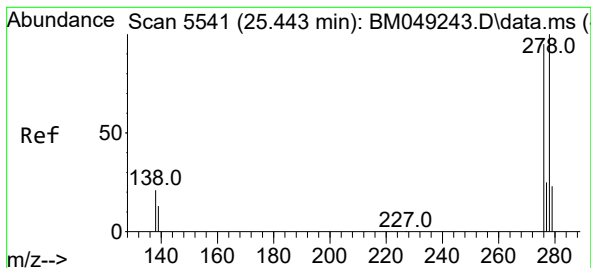
Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.2

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.375 ng/ul

RT: 25.443 min Scan# 5

Delta R.T. 0.006 min

Lab File: BM049258.D

Acq: 27 Dec 2024 17:38

Instrument :

BNA_M

ClientSampleId :

SSTD0.4132

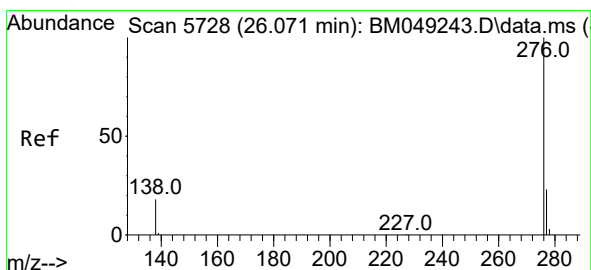
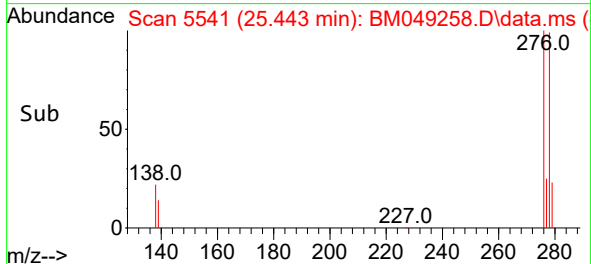
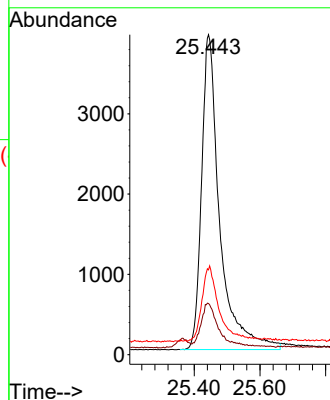
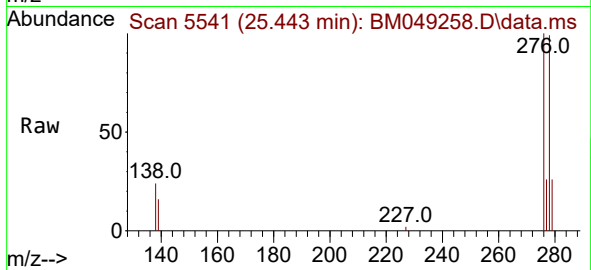
Tgt Ion:278 Resp: 15018

Ion Ratio Lower Upper

278 100

139 16.0 13.5 20.3

279 26.5 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.397 ng/ul

RT: 26.074 min Scan# 5729

Delta R.T. 0.006 min

Lab File: BM049258.D

Acq: 27 Dec 2024 17:38

Tgt Ion:276 Resp: 16441

Ion Ratio Lower Upper

276 100

138 19.1 16.7 25.1

277 24.6 19.9 29.9

