

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049193.D
 Acq On : 24 Dec 2024 20:40
 Operator : RC/JU
 Sample : P5353-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 24 21:42:18 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 : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

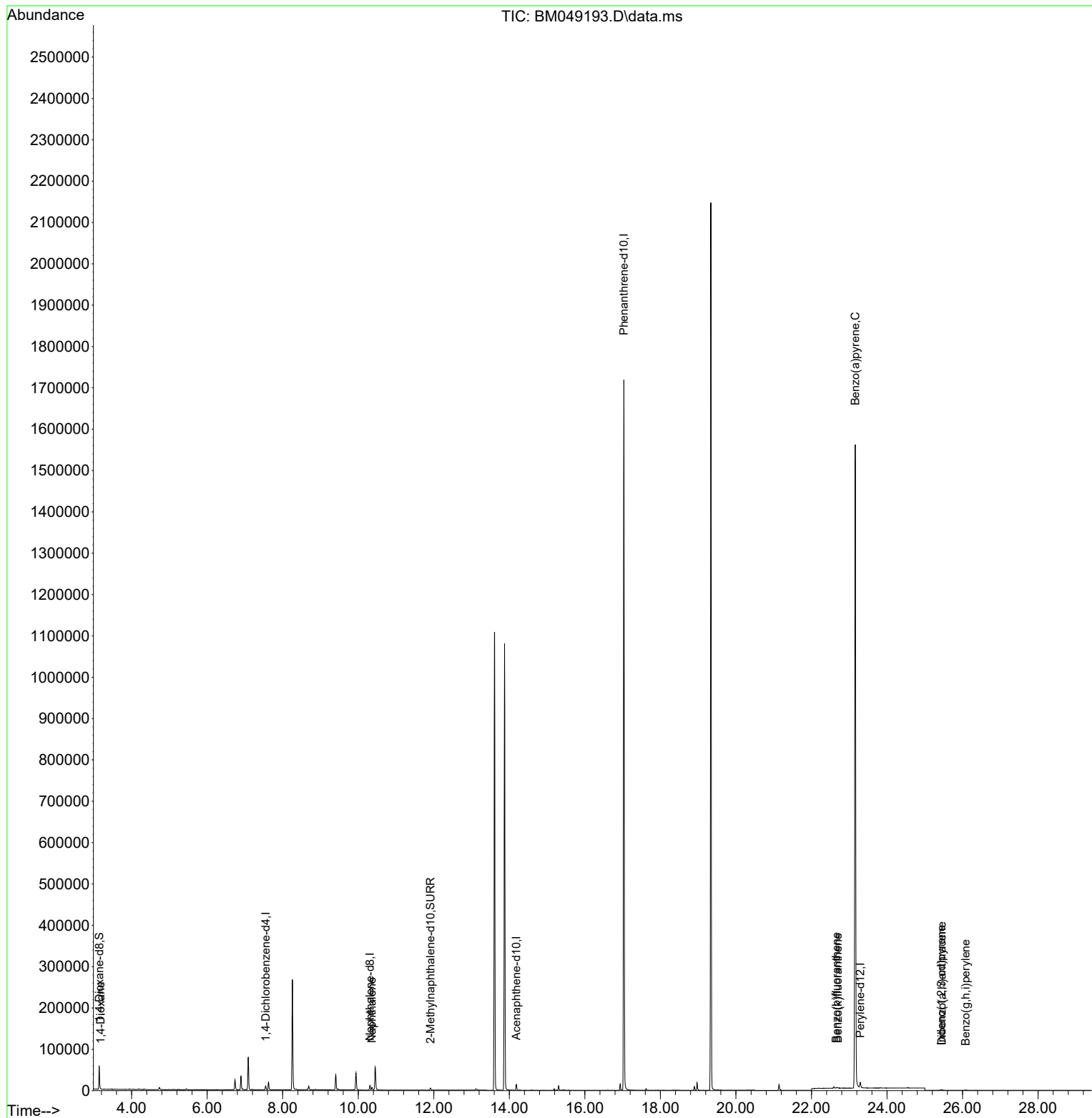
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	4809	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	14566	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	8141	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.031	188	1949335	0.400	ng/ul	0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.15
23) Perylene-d12	23.291	264	20542	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	32636	5.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	8575	0.438	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	20488	0.000	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	427	0.066	ng/ul#	63
5) Naphthalene	10.359	128	1121	0.031	ng/ul#	76
24) Benzo(b)fluoranthene	22.653	252	1899	0.029	ng/ul#	28
25) Benzo(k)fluoranthene	22.697	252	1738	0.024	ng/ul#	26
26) Benzo(a)pyrene	23.156	252	8795	0.140	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.437	276	2264	0.025	ng/ul#	55
28) Dibenzo(a,h)anthracene	25.450	278	1490	0.022	ng/ul#	33
29) Benzo(g,h,i)perylene	26.084	276	1826	0.025	ng/ul#	64

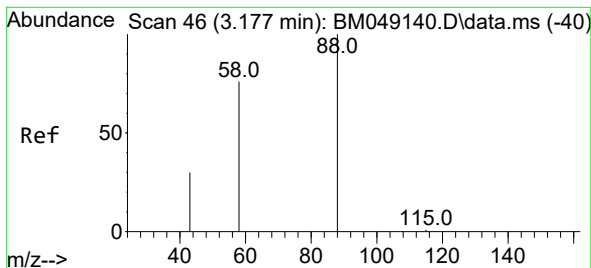
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.066 ng/ul

RT: 3.176 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

Instrument :

BNA_M

ClientSampleId :

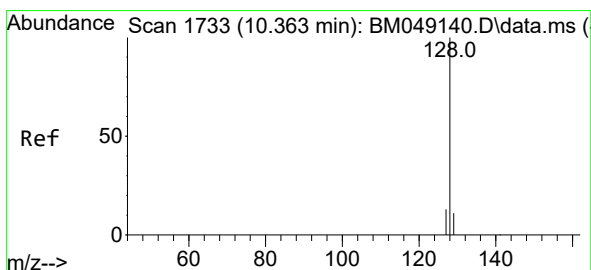
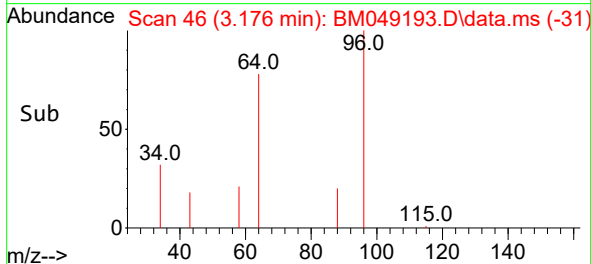
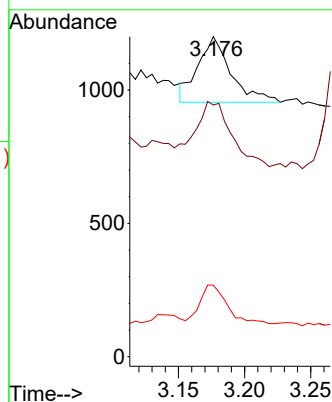
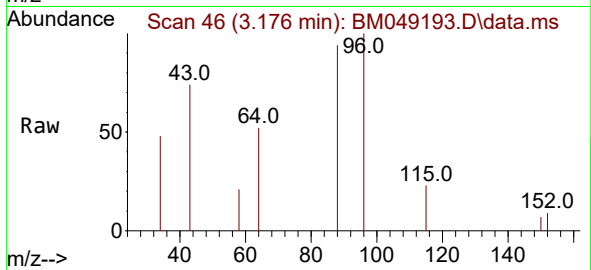
Tgt Ion: 88 Resp: 427

Ion Ratio Lower Upper

88 100

43 78.7 45.4 68.2#

58 22.3 43.6 65.4#



#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.359 min Scan# 1732

Delta R.T. -0.021 min

Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

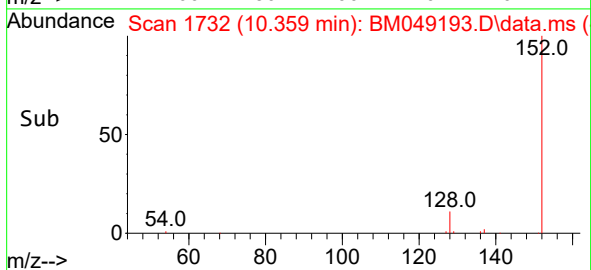
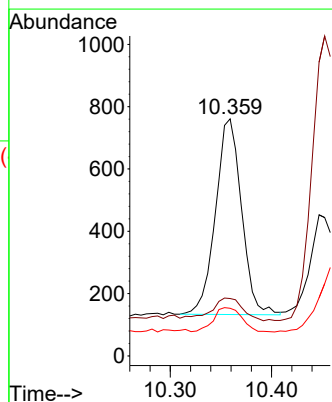
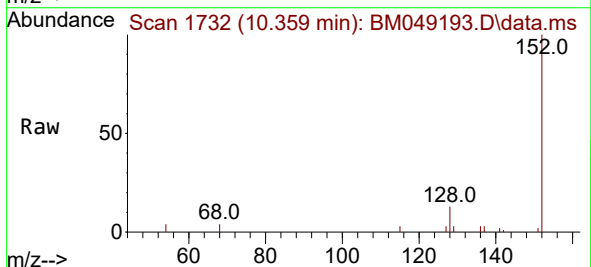
Tgt Ion:128 Resp: 1121

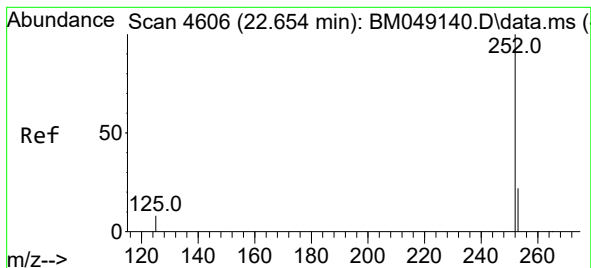
Ion Ratio Lower Upper

128 100

129 24.2 9.7 14.5#

127 20.1 10.6 16.0#





#24

Benzo(b)fluoranthene

Concen: 0.029 ng/ul

RT: 22.653 min Scan# 4606

Delta R.T. -0.009 min

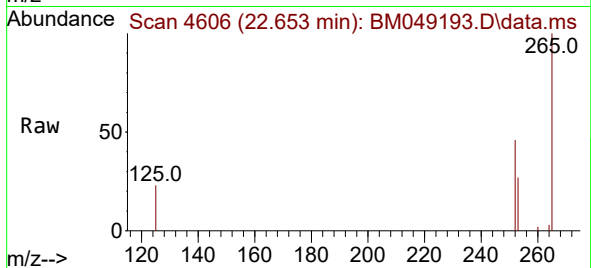
Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

Instrument :

BNA_M

ClientSampleId :



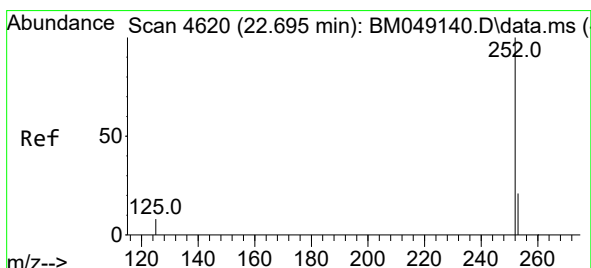
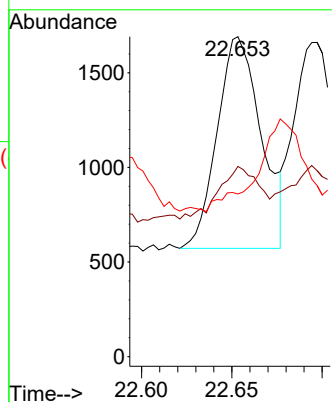
Tgt Ion:252 Resp: 1899

Ion Ratio Lower Upper

252 100

253 59.4 0.0 52.6#

125 50.9 0.0 30.8#



#25

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 22.697 min Scan# 4621

Delta R.T. -0.009 min

Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

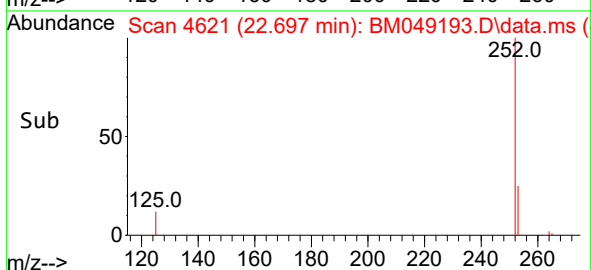
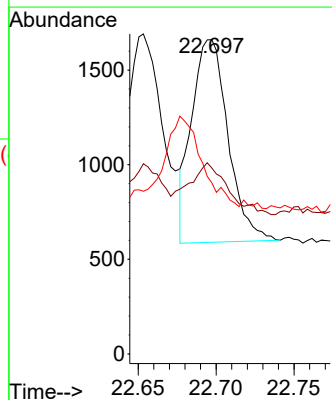
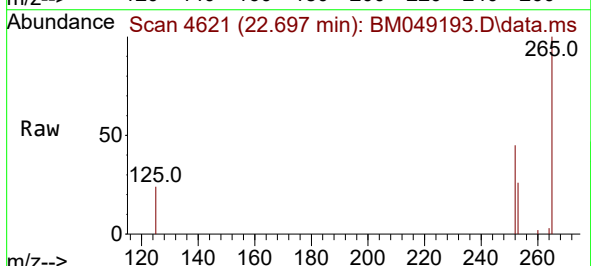
Tgt Ion:252 Resp: 1738

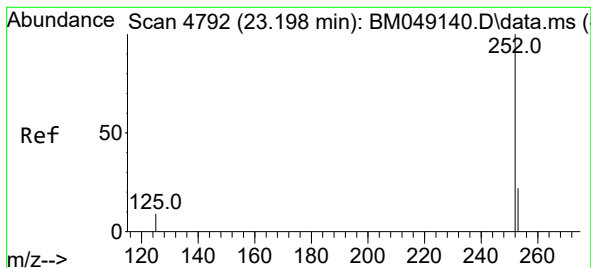
Ion Ratio Lower Upper

252 100

253 59.1 21.3 31.9#

125 54.4 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.140 ng/ul

RT: 23.156 min Scan# 4778

Delta R.T. -0.053 min

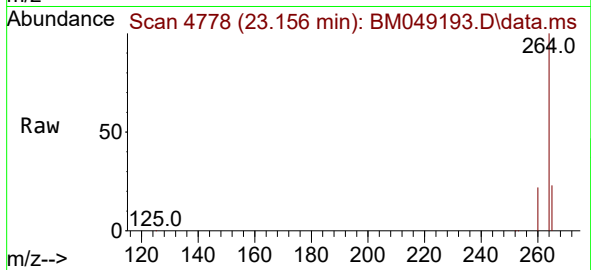
Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

Instrument :

BNA_M

ClientSampleId :



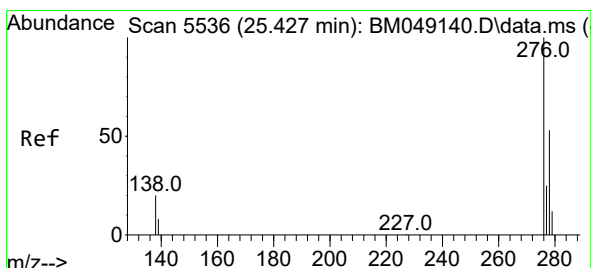
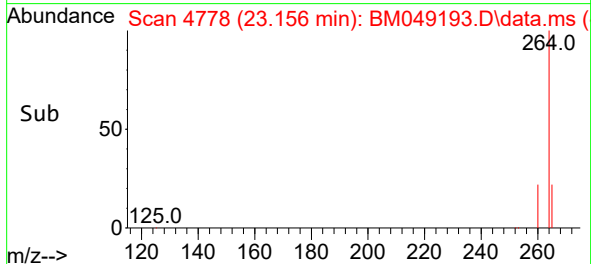
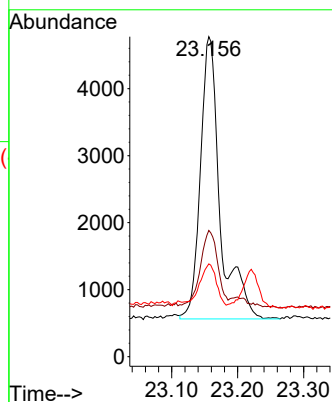
Tgt Ion:252 Resp: 8795

Ion Ratio Lower Upper

252 100

253 39.5 22.4 33.6#

125 29.0 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul

RT: 25.437 min Scan# 5539

Delta R.T. -0.011 min

Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

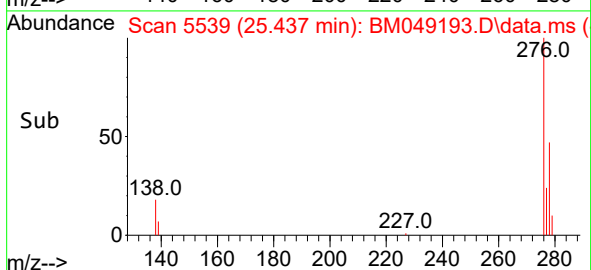
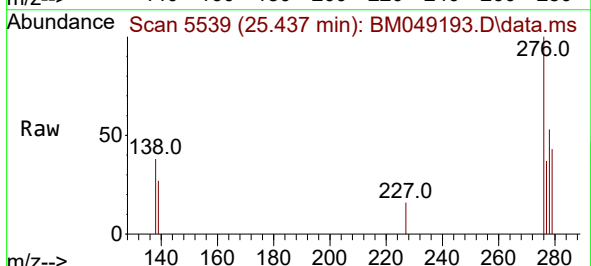
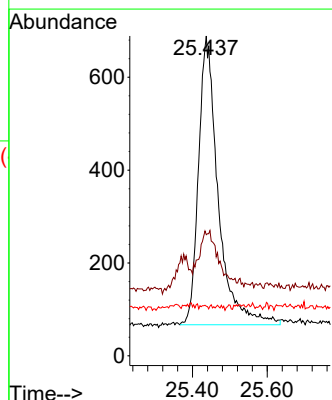
Tgt Ion:276 Resp: 2264

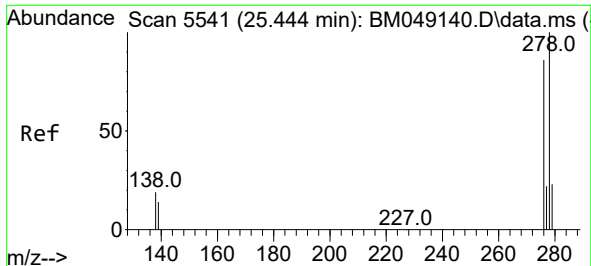
Ion Ratio Lower Upper

276 100

138 0.0 17.4 26.2#

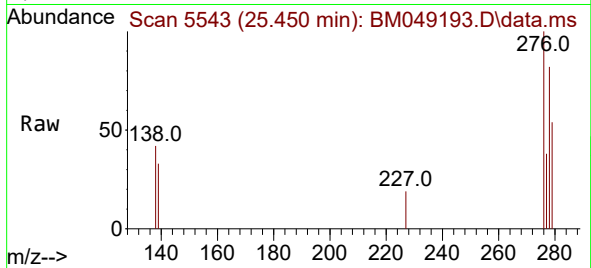
227 0.3 0.2 0.2#



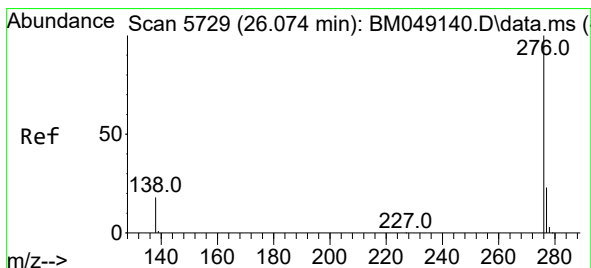
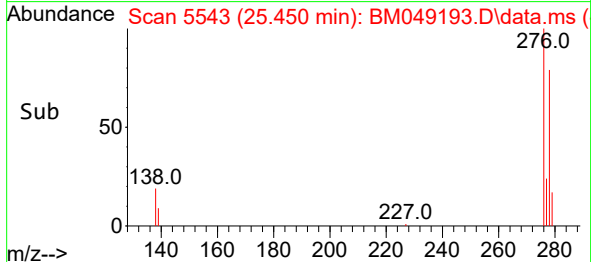
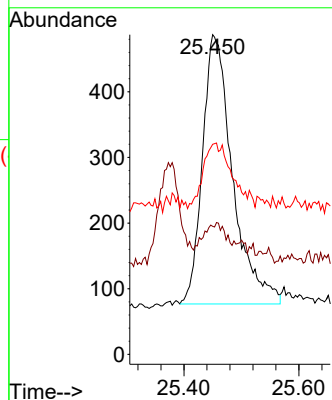


#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.450 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 1490
Ion Ratio Lower Upper
278 100
139 40.0 13.5 20.3#
279 65.7 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.084 min Scan# 5732
Delta R.T. -0.011 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

Tgt Ion:276 Resp: 1826
Ion Ratio Lower Upper
276 100
138 41.7 16.7 25.1#
277 39.5 19.9 29.9#

