

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049287.D
 Acq On : 28 Dec 2024 11:33
 Operator : RC/JU
 Sample : P5351-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2925

Quant Time: Dec 29 21:56:52 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)

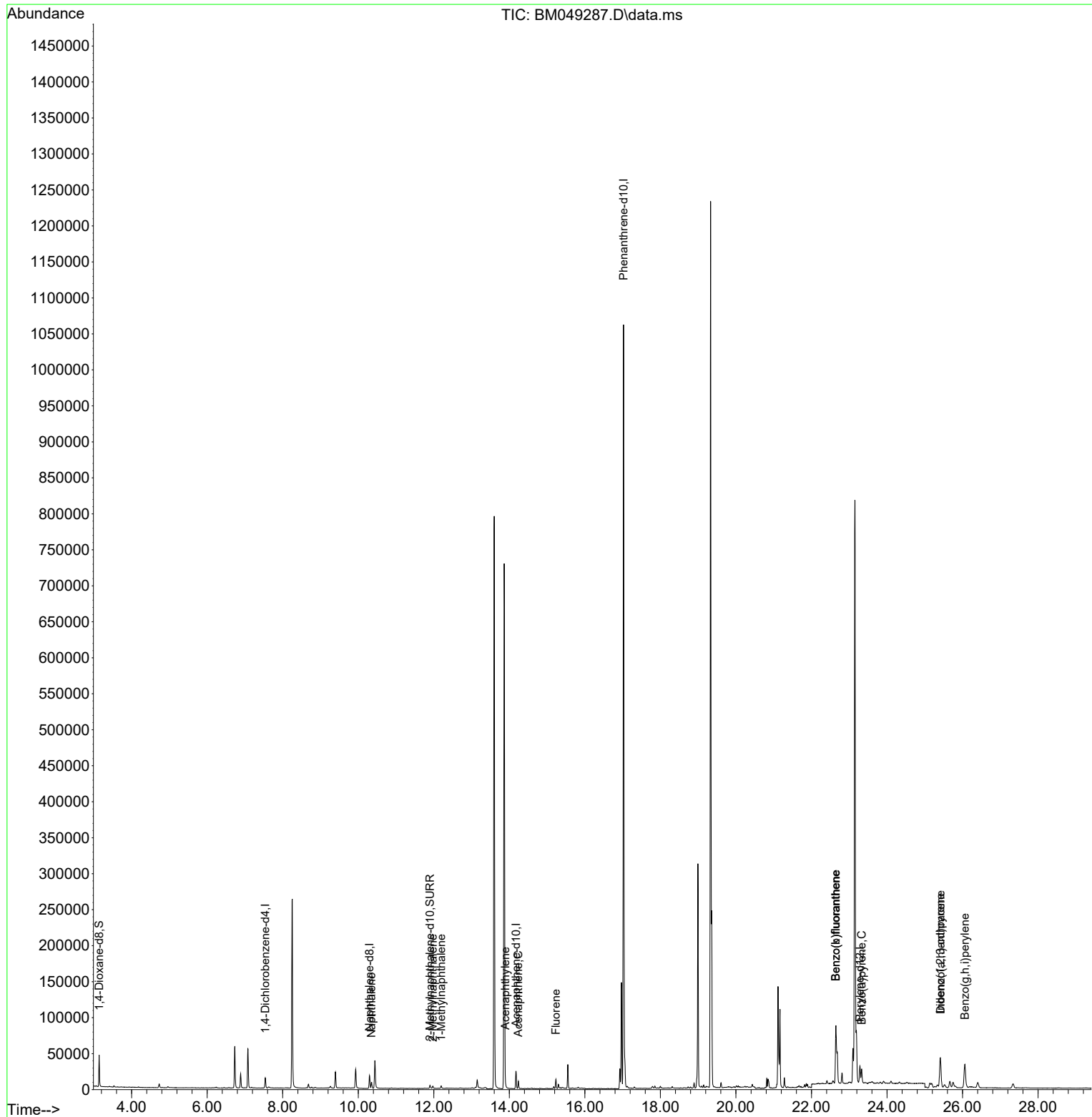
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	6984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	23003	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	13779	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.023	188	1207844	0.400	ng/ul	0.09
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.13
23) Perylene-d12	23.282	264	31095	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	23987	2.978	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	6312	0.204	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	14285	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	3562	0.062	ng/ul#	90
7) 2-Methylnaphthalene	11.976	142	2563	0.070	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	2662	0.071	ng/ul	98
10) Acenaphthylene	13.891	152	4099	0.072	ng/ul#	88
11) Acenaphthene	14.238	153	5832	0.140	ng/ul	98
12) Fluorene	15.233	166	7933	0.169	ng/ul	99
24) Benzo(b)fluoranthene	22.645	252	178083	1.793	ng/ul	93
25) Benzo(k)fluoranthene	22.645	252	178083	1.634	ng/ul#	93
26) Benzo(a)pyrene	23.329	252	22783	0.239	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.410	276	65752	0.488	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.417	278	15724	0.150	ng/ul#	89
29) Benzo(g,h,i)perylene	26.061	276	66863	0.617	ng/ul	98

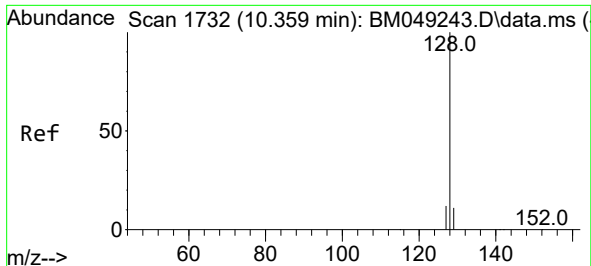
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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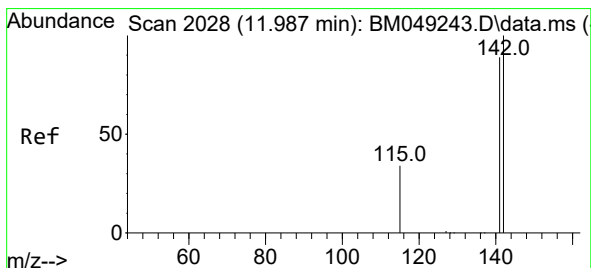
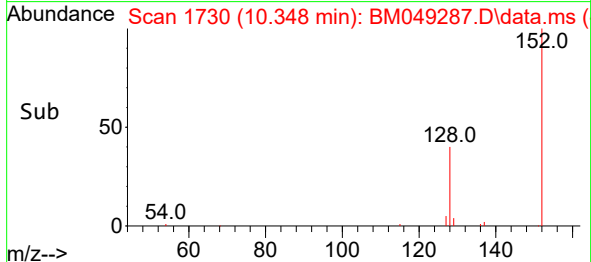
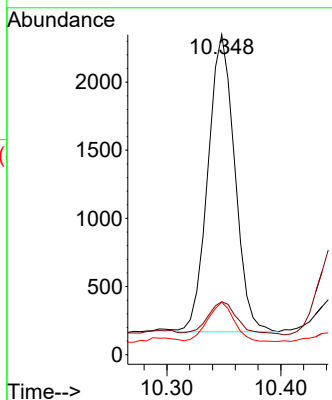
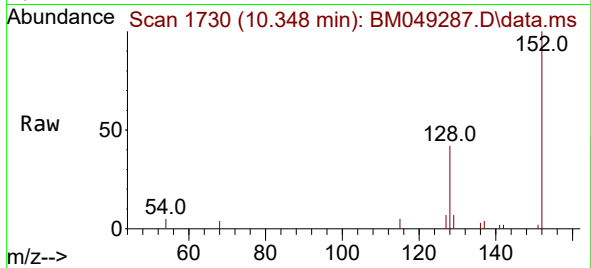




#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

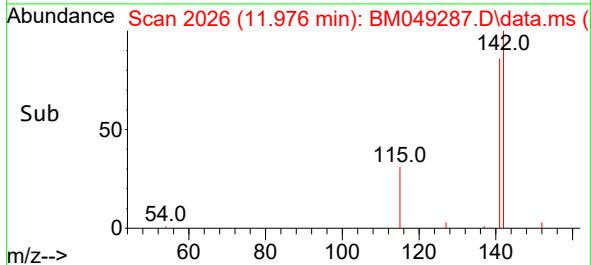
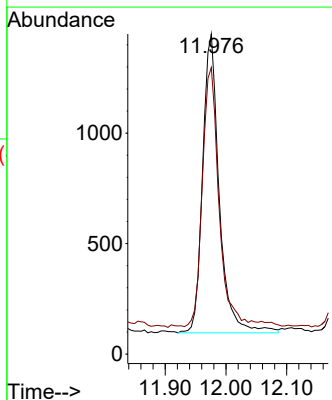
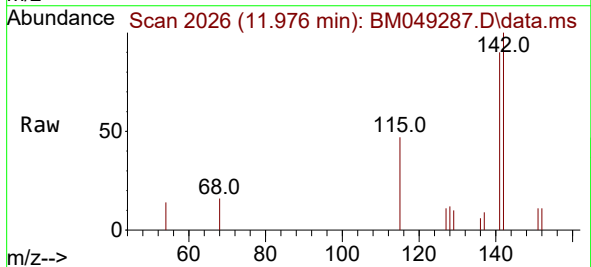
Instrument :
BNA_M
ClientSampleId :
E2925

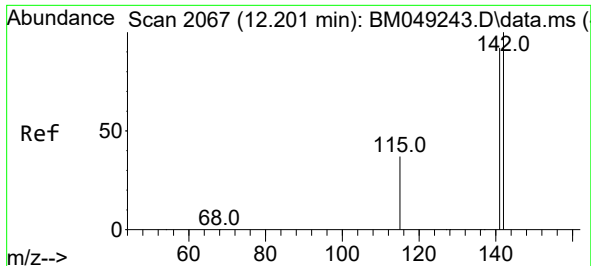
Tgt Ion:128 Resp: 3562
Ion Ratio Lower Upper
128 100
129 16.6 9.7 14.5#
127 16.4 10.6 16.0#



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

Tgt Ion:142 Resp: 2563
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5

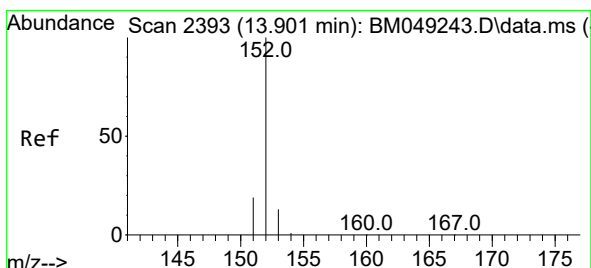
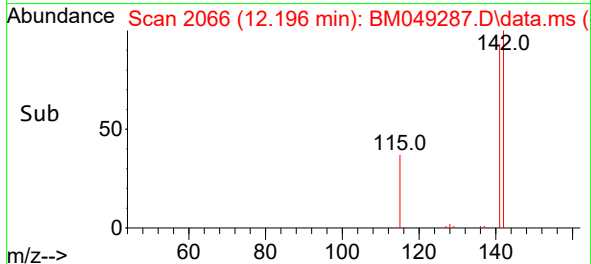
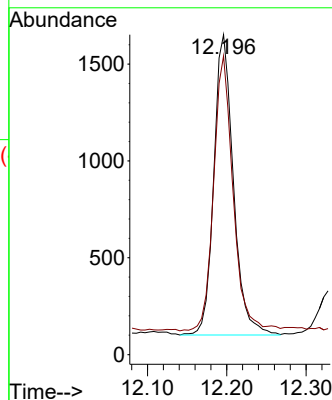
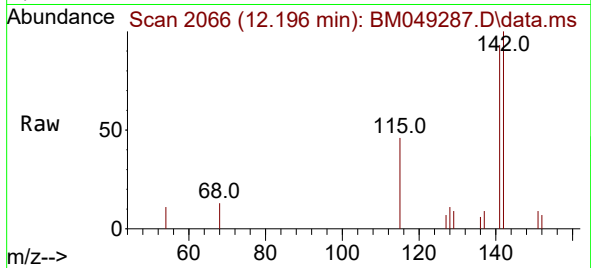




#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

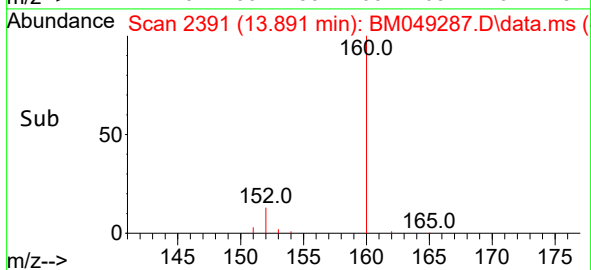
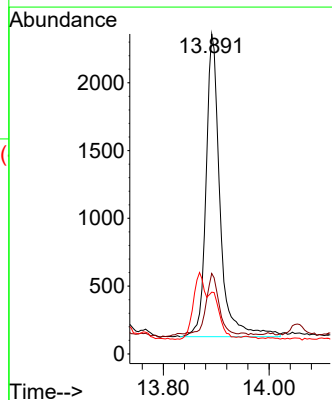
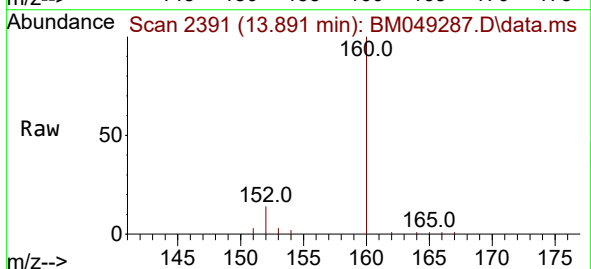
Instrument :
BNA_M
ClientSampleId :
E2925

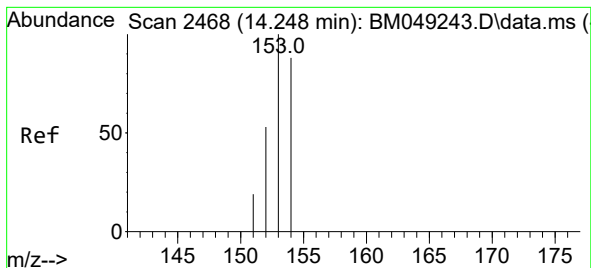
Tgt Ion:142 Resp: 2662
Ion Ratio Lower Upper
142 100
141 92.6 72.7 109.1



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

Tgt Ion:152 Resp: 4099
Ion Ratio Lower Upper
152 100
151 25.1 16.0 24.0#
153 19.3 11.0 16.6#





#11

Acenaphthene

Concen: 0.140 ng/ul

RT: 14.238 min Scan# 2466

Delta R.T. -0.008 min

Lab File: BM049287.D

Acq: 28 Dec 2024 11:33

Instrument :

BNA_M

ClientSampleId :

E2925

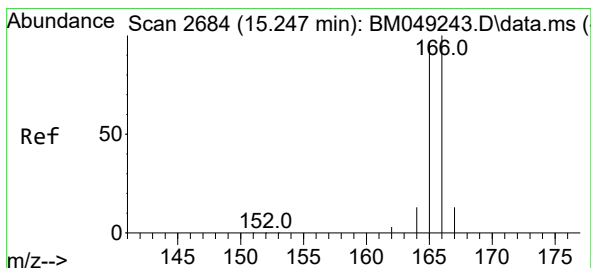
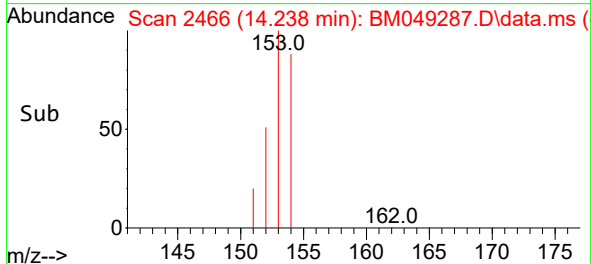
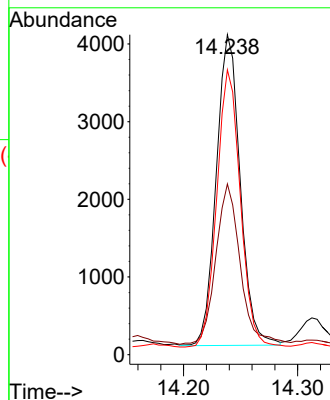
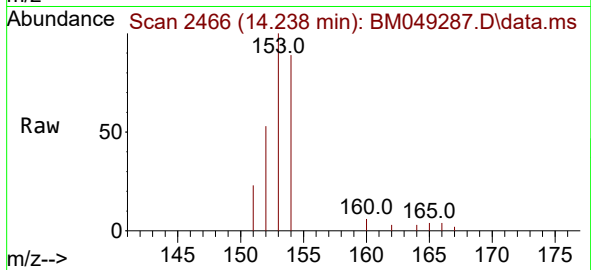
Tgt Ion:153 Resp: 5832

Ion Ratio Lower Upper

153 100

152 53.3 40.7 61.1

154 89.0 70.8 106.2



#12

Fluorene

Concen: 0.169 ng/ul

RT: 15.233 min Scan# 2681

Delta R.T. -0.008 min

Lab File: BM049287.D

Acq: 28 Dec 2024 11:33

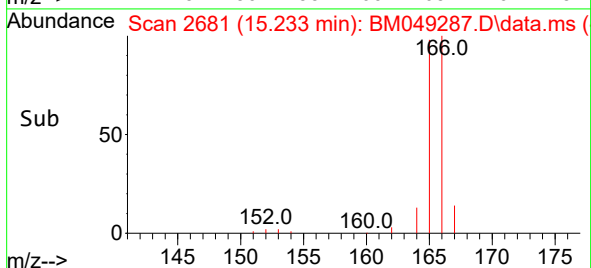
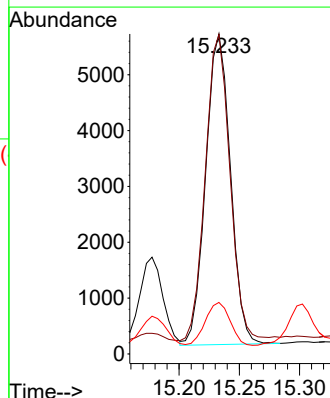
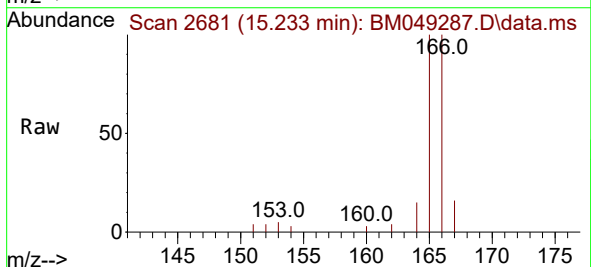
Tgt Ion:166 Resp: 7933

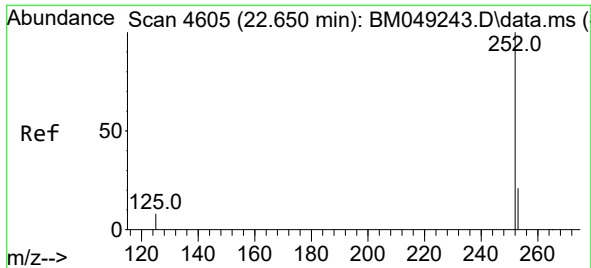
Ion Ratio Lower Upper

166 100

165 99.8 79.7 119.5

167 16.1 11.4 17.0

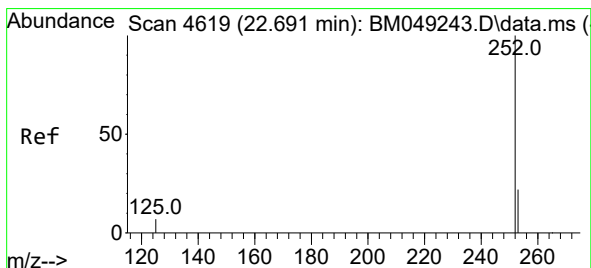
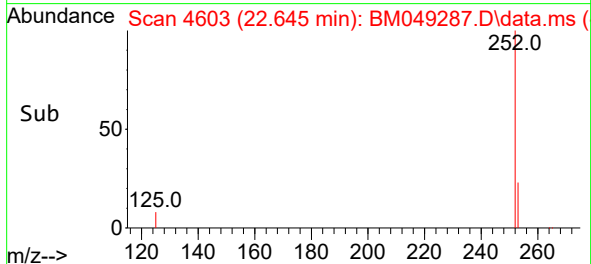
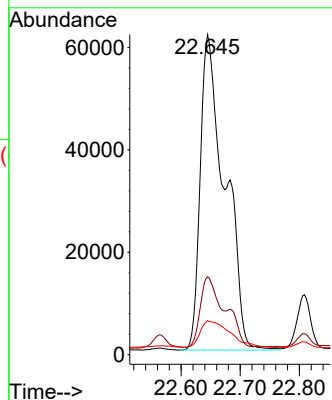
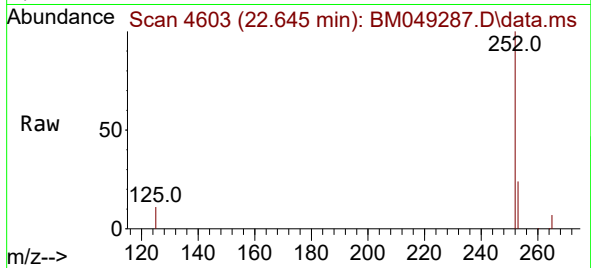




#24
Benzo(b)fluoranthene
Concen: 1.793 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.003 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

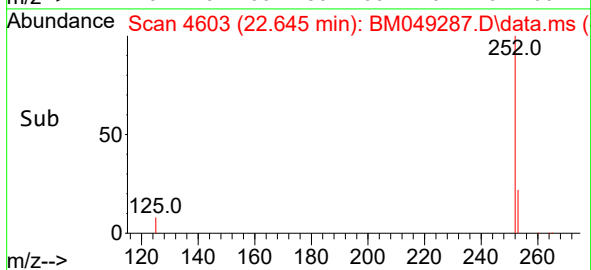
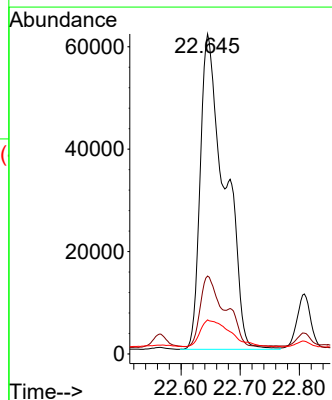
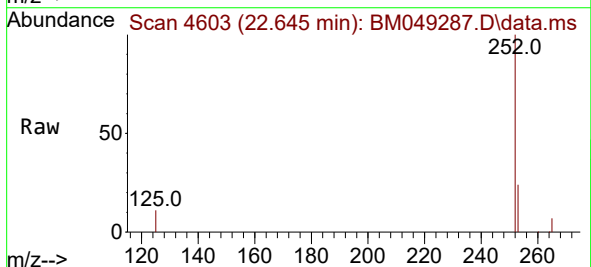
Instrument :
BNA_M
ClientSampleId :
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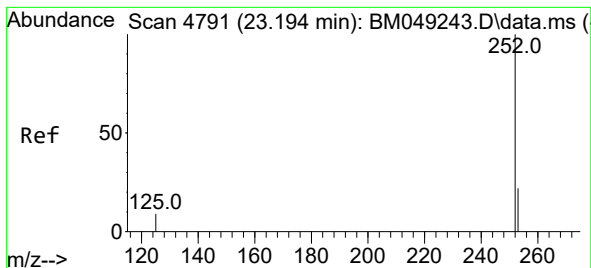
Tgt Ion:252 Resp: 178083
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.6
125 10.7 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 1.634 ng/ul
RT: 22.645 min Scan# 4603
Delta R.T. -0.047 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

Tgt Ion:252 Resp: 178083
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 10.7 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.239 ng/ul

RT: 23.329 min Scan# 4837

Delta R.T. 0.137 min

Lab File: BM049287.D

Acq: 28 Dec 2024 11:33

Instrument :

BNA_M

ClientSampleId :

E2925

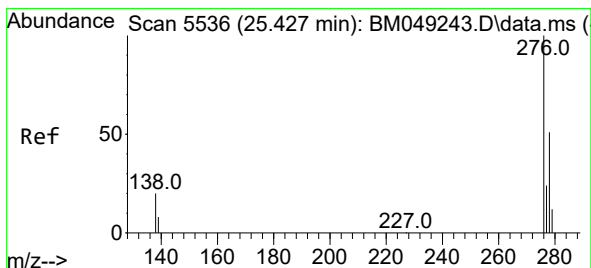
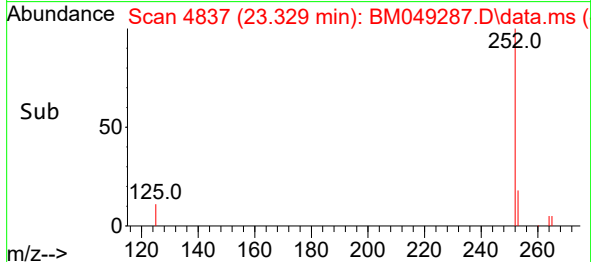
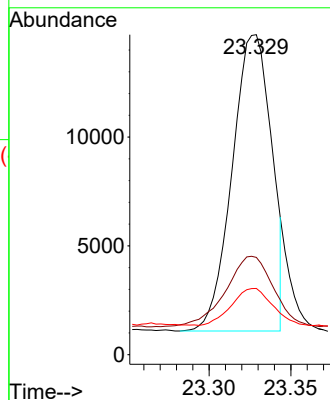
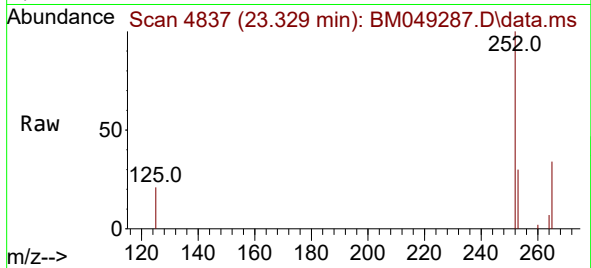
Tgt Ion:252 Resp: 22783

Ion Ratio Lower Upper

252 100

253 30.4 22.4 33.6

125 20.7 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.488 ng/ul

RT: 25.410 min Scan# 5531

Delta R.T. -0.007 min

Lab File: BM049287.D

Acq: 28 Dec 2024 11:33

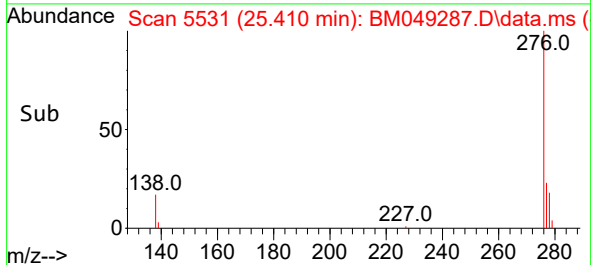
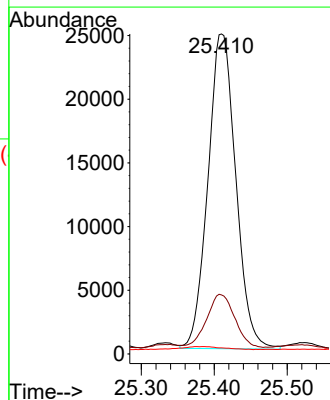
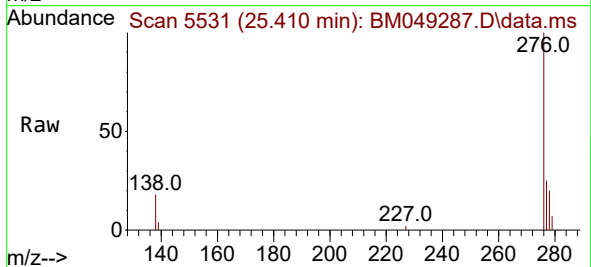
Tgt Ion:276 Resp: 65752

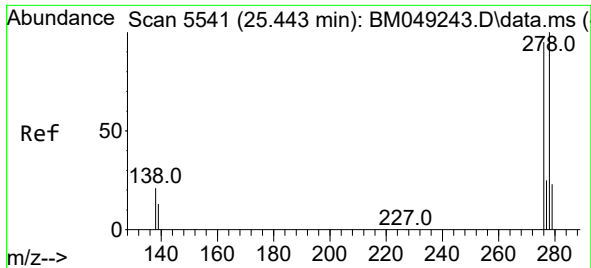
Ion Ratio Lower Upper

276 100

138 17.4 17.4 26.2#

227 0.0 0.2 0.2#

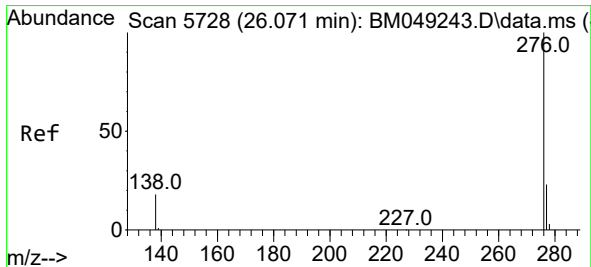
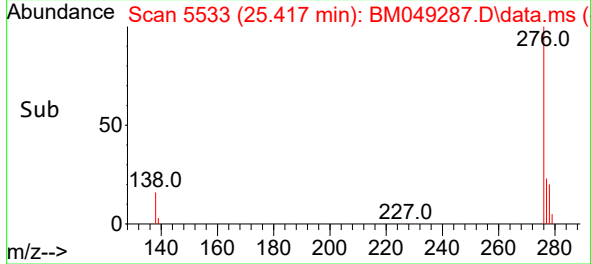
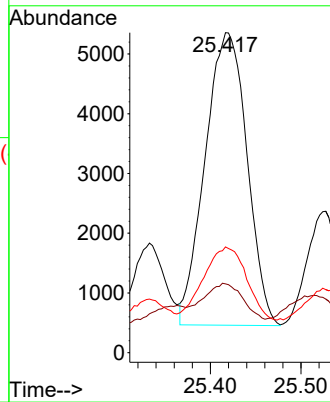
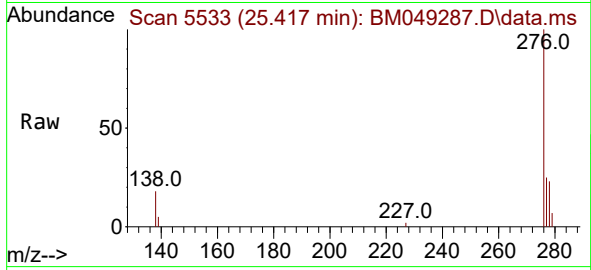




#28
Dibenzo(a,h)anthracene
Concen: 0.150 ng/ul
RT: 25.417 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

Instrument :
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ClientSampleId :
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Tgt Ion:278 Resp: 15724
Ion Ratio Lower Upper
278 100
139 21.5 13.5 20.3#
279 33.1 21.5 32.3#



#29
Benzo(g,h,i)perylene
Concen: 0.617 ng/ul
RT: 26.061 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BM049287.D
Acq: 28 Dec 2024 11:33

Tgt Ion:276 Resp: 66863
Ion Ratio Lower Upper
276 100
138 18.7 16.7 25.1
277 24.7 19.9 29.9

