

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032539.D
 Acq On : 06 Jul 2024 10:36
 Operator : MA/JU
 Sample : P3065-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6DL

Quant Time: Jul 07 23:44:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

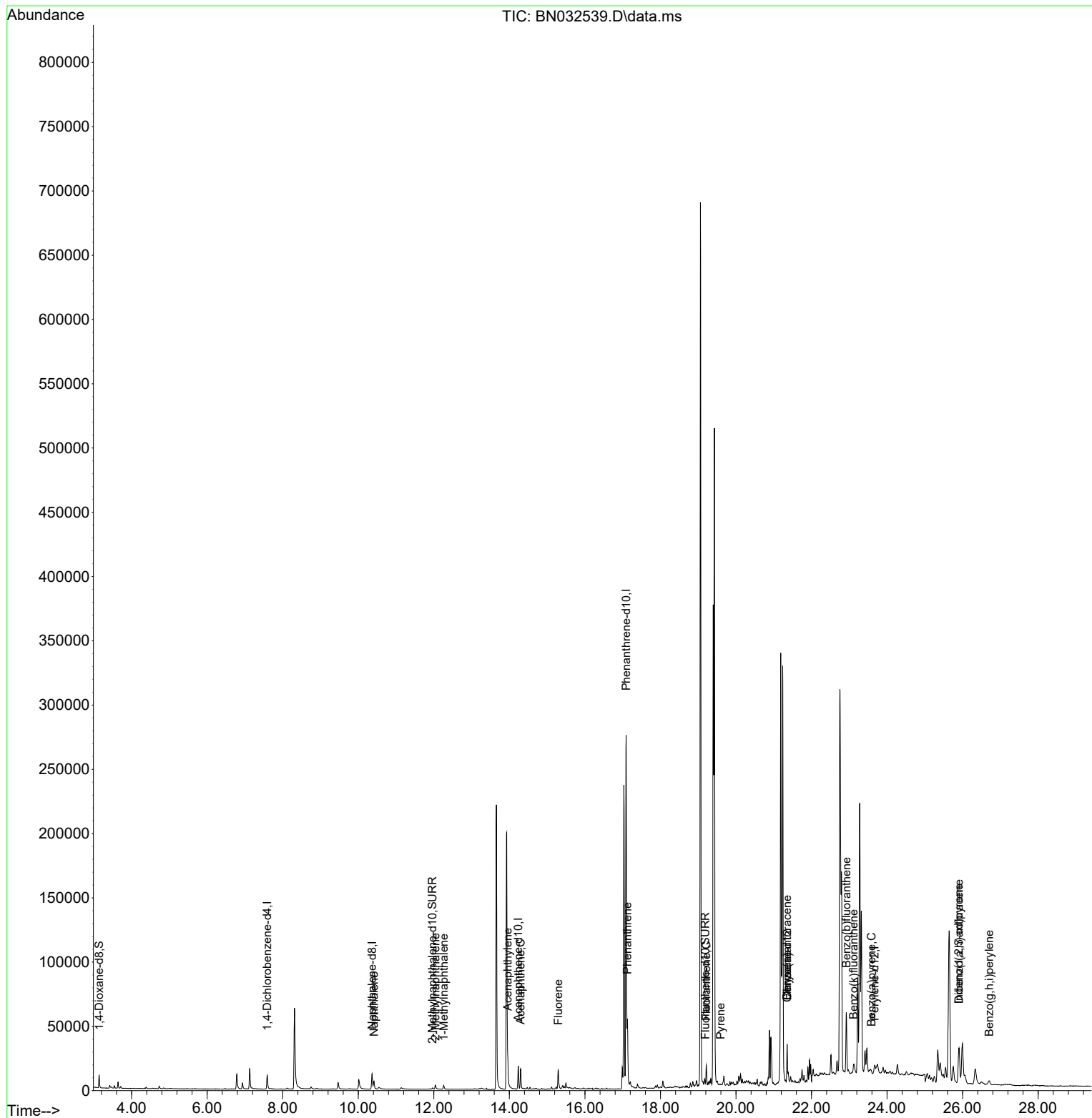
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	6516	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	18681	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.234	164	10325	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.092	188	323984	0.400	ng/ul	0.08
17) Chrysene-d12	21.352	240	155	0.400	ng/ul	# 0.14
23) Perylene-d12	23.672	264	3141	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	7098	0.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1794	0.064	ng/ul	-0.01
18) Fluoranthene-d10	19.189	212	63	0.135	ng/ul	0.14
Target Compounds						Qvalue
5) Naphthalene	10.415	128	9477	0.192	ng/ul	97
7) 2-Methylnaphthalene	12.042	142	3124	0.095	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	2458	0.072	ng/ul	98
10) Acenaphthylene	13.957	152	24541	0.571	ng/ul	99
11) Acenaphthene	14.299	153	9799	0.294	ng/ul	99
12) Fluorene	15.294	166	11434	0.288	ng/ul	99
15) Phenanthrene	17.126	178	51066	0.057	ng/ul	98
19) Fluoranthene	19.212	202	13784	23.354	ng/ul#	94
20) Pyrene	19.594	202	564	0.914	ng/ul#	56
21) Benzo(a)anthracene	21.354	228	26318	47.044	ng/ul#	53
22) Chrysene	21.354	228	27246	44.372	ng/ul#	55
24) Benzo(b)fluoranthene	22.921	252	56867	4.167	ng/ul	88
25) Benzo(k)fluoranthene	23.117	252	3860	0.291	ng/ul#	1
26) Benzo(a)pyrene	23.587	252	796	0.084	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.901	276	10827	0.728	ng/ul#	40
28) Dibenzo(a,h)anthracene	25.904	278	41523	3.759	ng/ul	93
29) Benzo(g,h,i)perylene	26.702	276	4997	0.422	ng/ul#	13

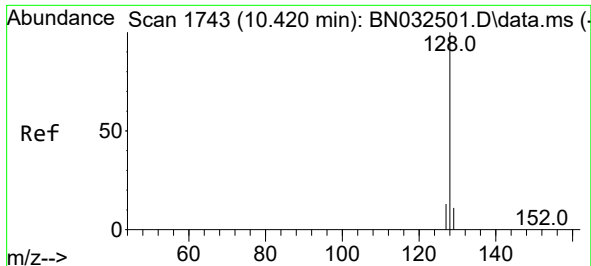
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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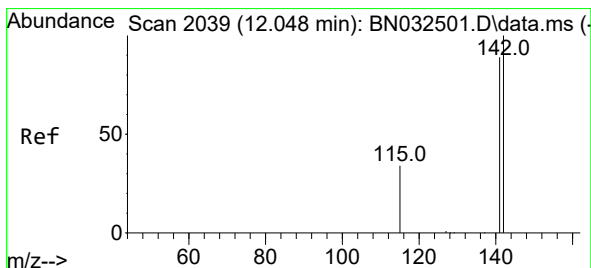
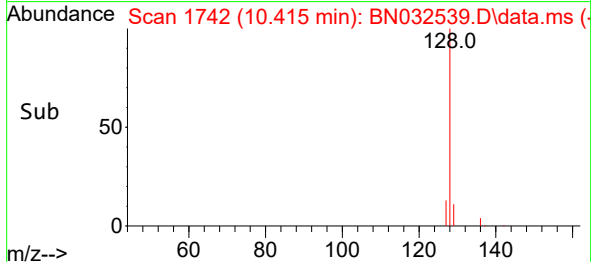
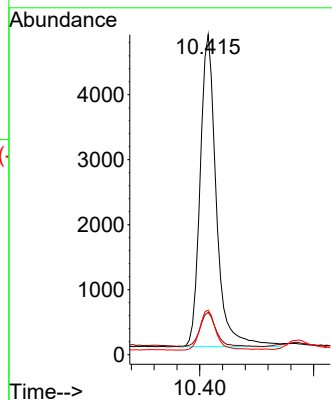
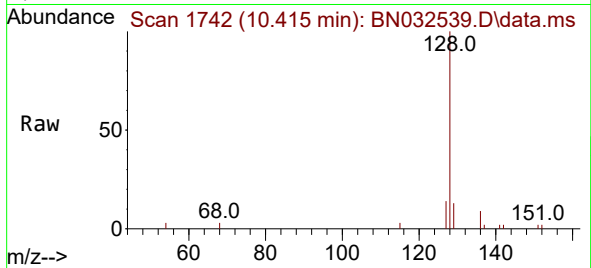




#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.017 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

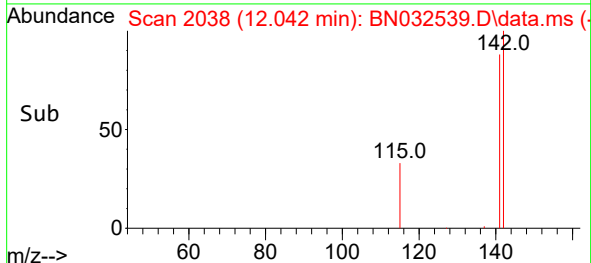
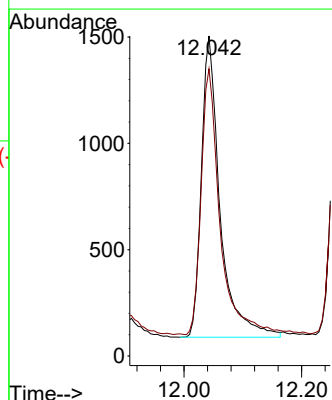
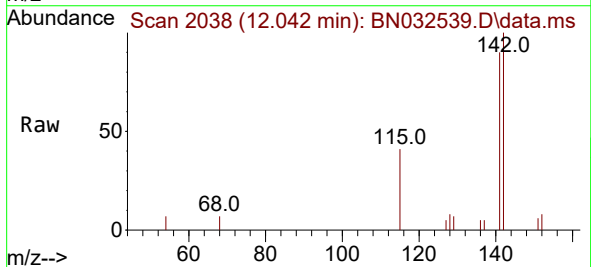
Instrument :
BNA_N
ClientSampleId :
A4CX6DL

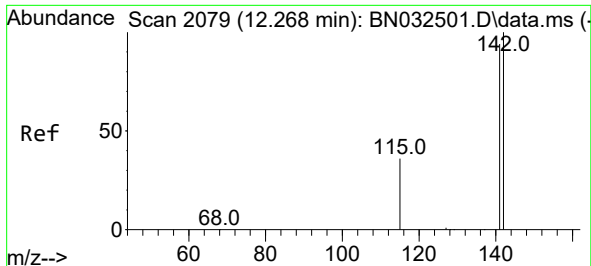
Tgt Ion:128 Resp: 9477
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 13.9 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.042 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

Tgt Ion:142 Resp: 3124
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2

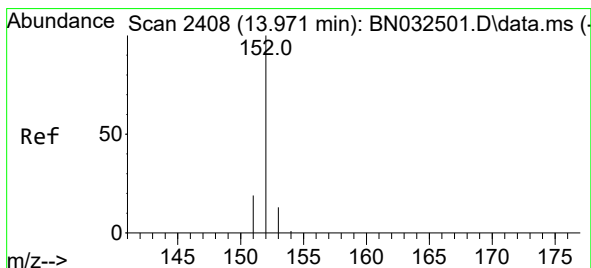
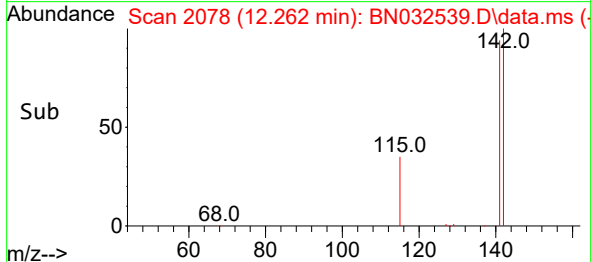
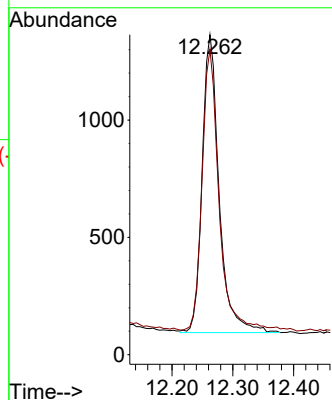
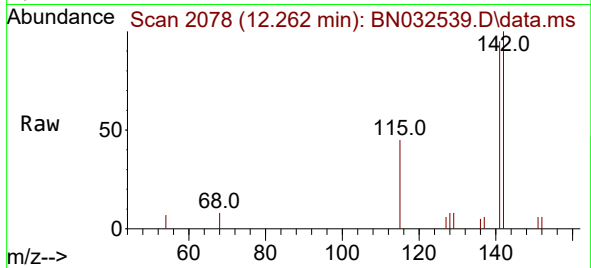




#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.262 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

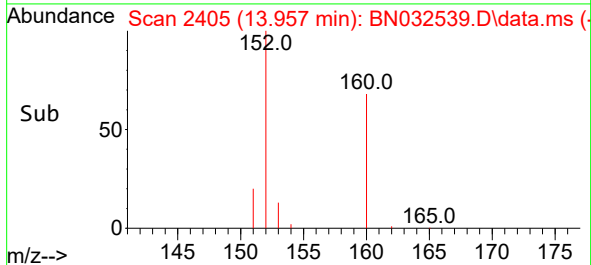
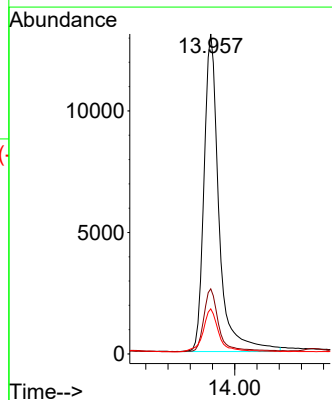
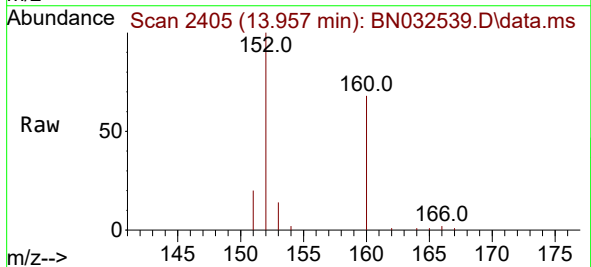
Instrument :
BNA_N
ClientSampleId :
A4CX6DL

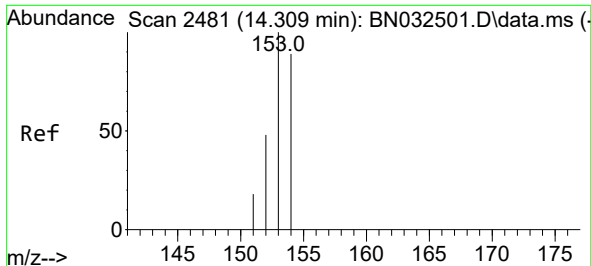
Tgt Ion:142 Resp: 2458
Ion Ratio Lower Upper
142 100
141 93.3 73.4 110.0



#10
Acenaphthylene
Concen: 0.571 ng/ul
RT: 13.957 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

Tgt Ion:152 Resp: 24541
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.1 10.9 16.3

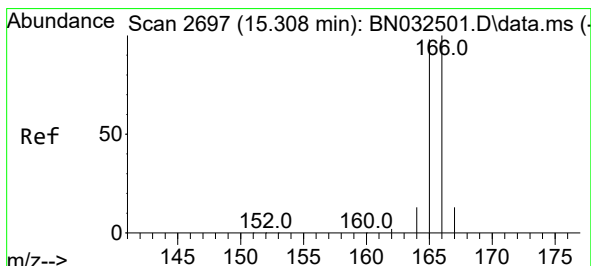
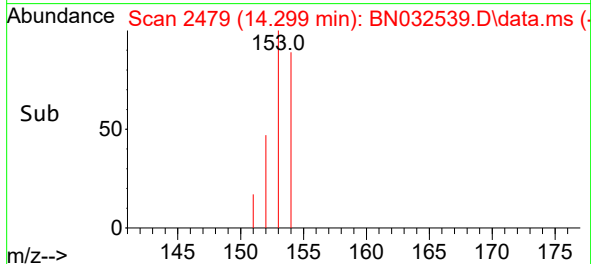
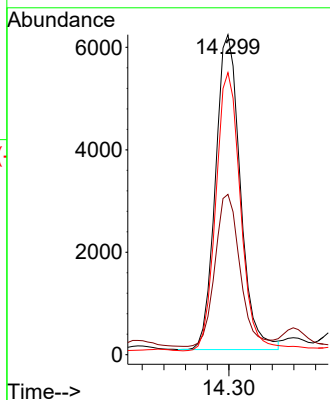
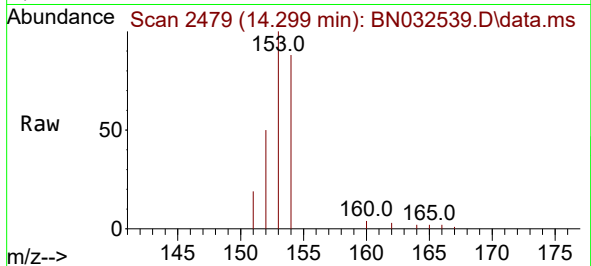




#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

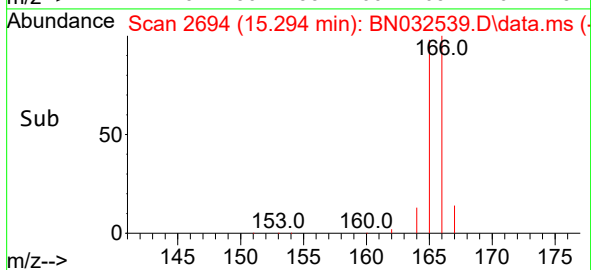
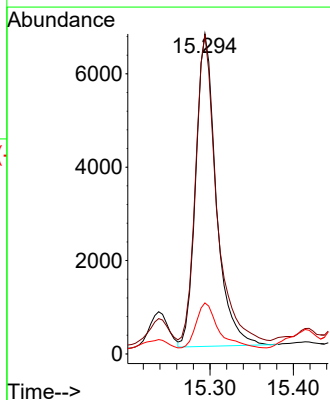
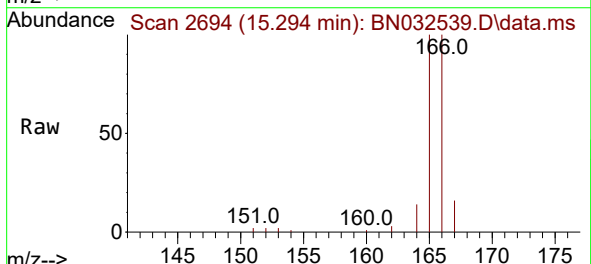
Instrument :
BNA_N
ClientSampleId :
A4CX6DL

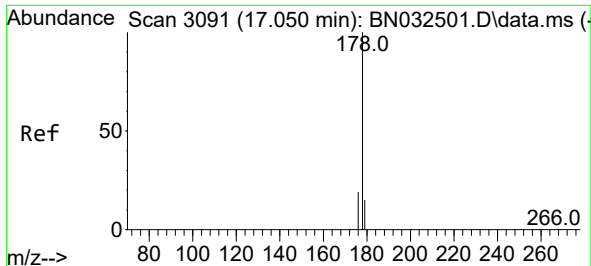
Tgt Ion:153 Resp: 9799
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 88.1 71.7 107.5



#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.294 min Scan# 2694
Delta R.T. -0.019 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

Tgt Ion:166 Resp: 11434
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.6
167 16.0 11.0 16.6

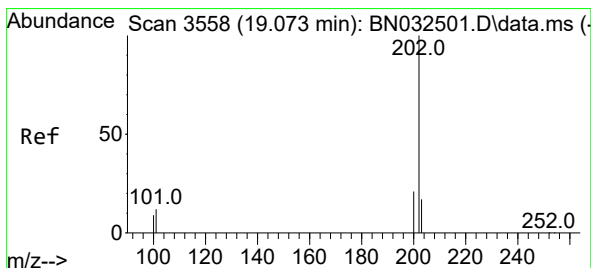
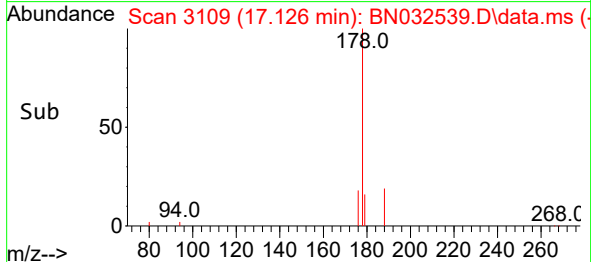
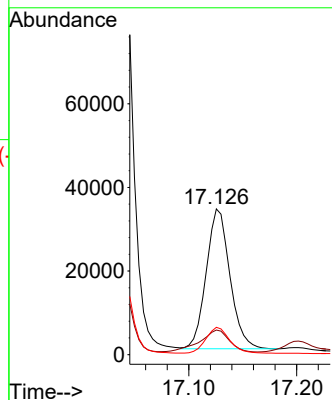
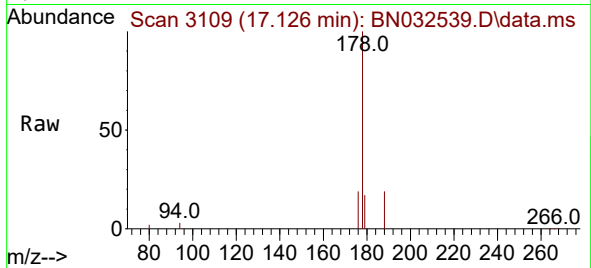




#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.126 min Scan# 3109
Delta R.T. 0.076 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

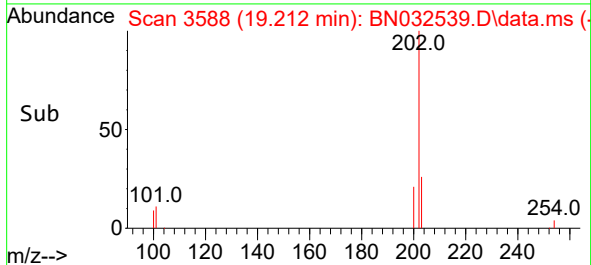
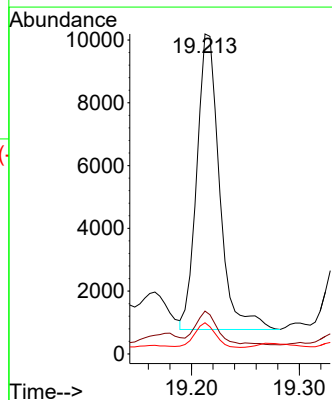
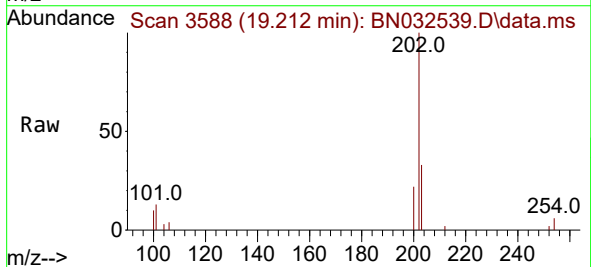
Instrument :
BNA_N
ClientSampleId :
A4CX6DL

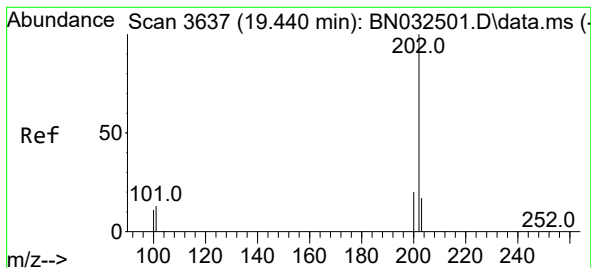
Tgt Ion:178 Resp: 51066
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 18.8 15.6 23.4



#19
Fluoranthene
Concen: 23.354 ng/ul
RT: 19.212 min Scan# 3588
Delta R.T. 0.139 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

Tgt Ion:202 Resp: 13784
Ion Ratio Lower Upper
202 100
101 13.4 8.8 13.2#
100 9.8 6.4 9.6#





#20

Pyrene

Concen: 0.914 ng/ul

RT: 19.594 min Scan# 30

Delta R.T. 0.153 min

Lab File: BN032539.D

Acq: 06 Jul 2024 10:36

Instrument :

BNA_N

ClientSampleId :

A4CX6DL

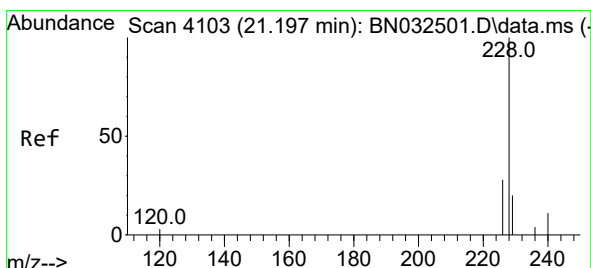
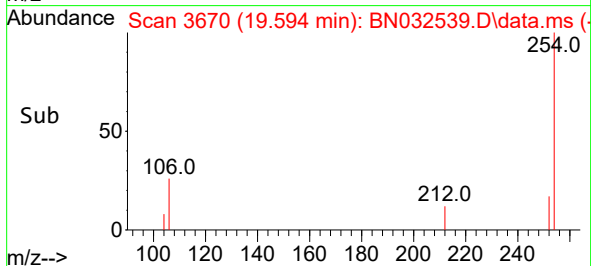
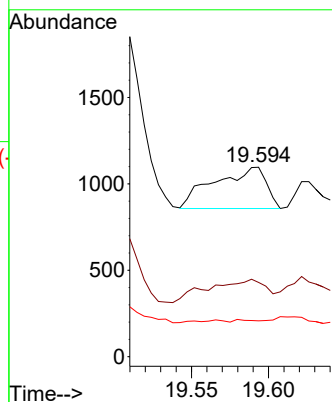
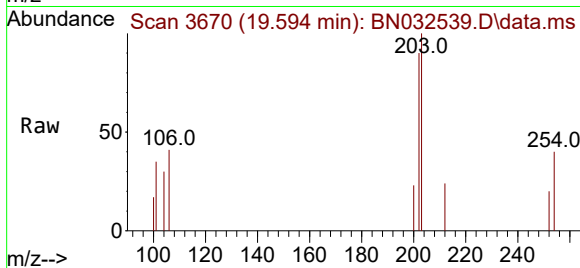
Tgt Ion:202 Resp: 564

Ion Ratio Lower Upper

202 100

101 39.1 11.0 16.4#

100 18.9 8.7 13.1#



#21

Benzo(a)anthracene

Concen: 47.044 ng/ul

RT: 21.354 min Scan# 4157

Delta R.T. 0.163 min

Lab File: BN032539.D

Acq: 06 Jul 2024 10:36

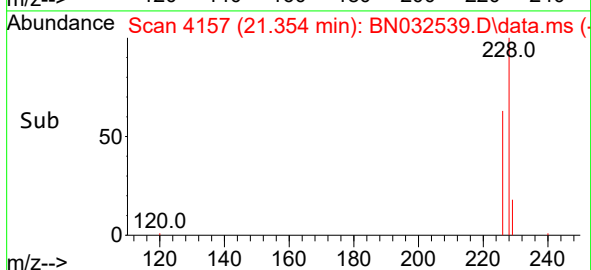
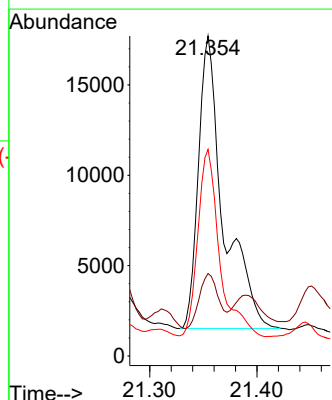
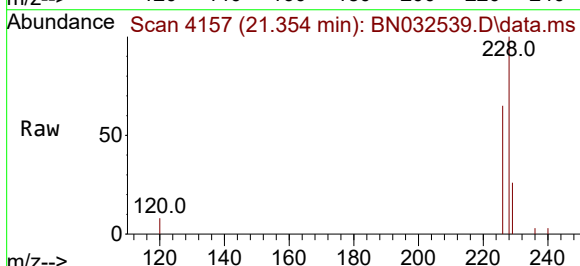
Tgt Ion:228 Resp: 26318

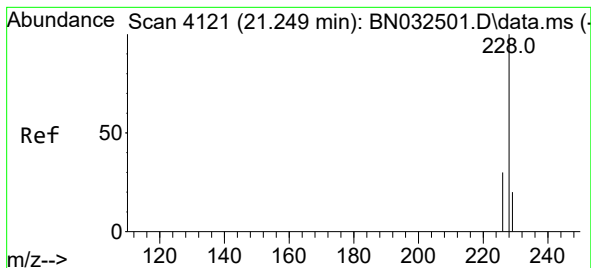
Ion Ratio Lower Upper

228 100

229 25.8 15.7 23.5#

226 64.6 21.8 32.8#





#22

Chrysene

Concen: 44.372 ng/ul

RT: 21.354 min Scan# 4157

Delta R.T. 0.111 min

Lab File: BN032539.D

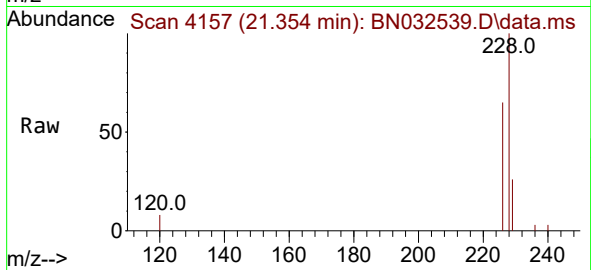
Acq: 06 Jul 2024 10:36

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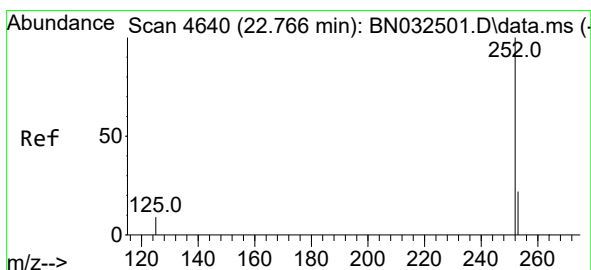
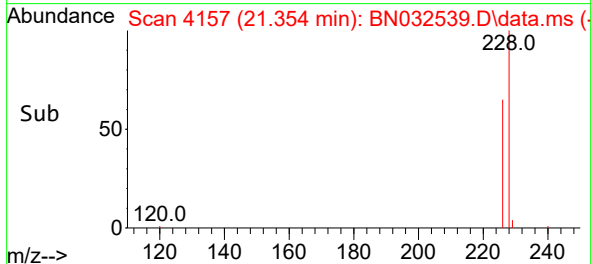
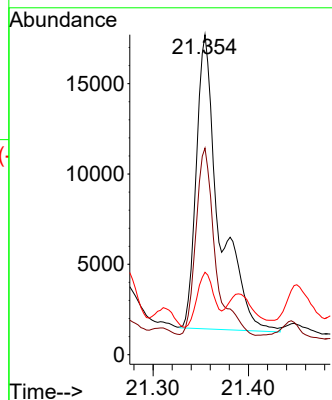
Tgt Ion:228 Resp: 27246

Ion Ratio Lower Upper

228 100

226 64.6 23.6 35.4#

229 25.8 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 4.167 ng/ul

RT: 22.921 min Scan# 4693

Delta R.T. 0.164 min

Lab File: BN032539.D

Acq: 06 Jul 2024 10:36

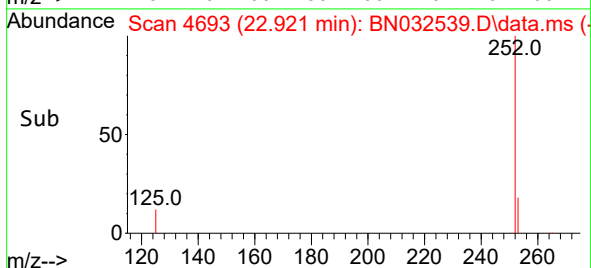
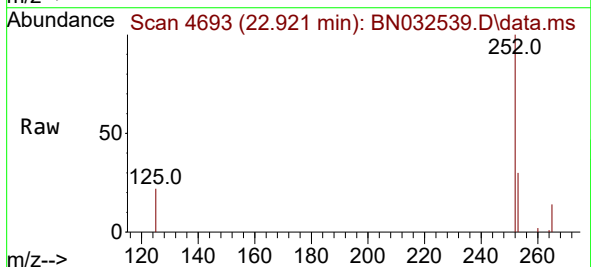
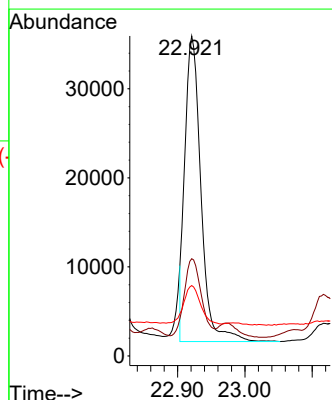
Tgt Ion:252 Resp: 56867

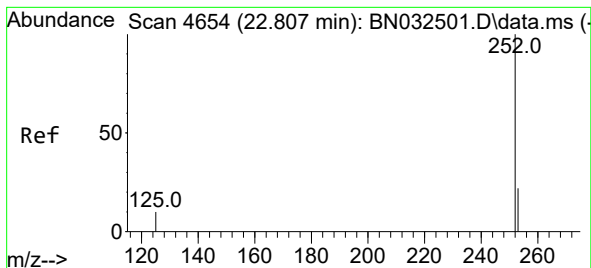
Ion Ratio Lower Upper

252 100

253 30.4 0.0 50.2

125 22.0 0.0 32.0





#25

Benzo(k)fluoranthene

Concen: 0.291 ng/ul

RT: 23.117 min Scan# 41

Delta R.T. 0.316 min

Lab File: BN032539.D

Acq: 06 Jul 2024 10:36

Instrument :

BNA_N

ClientSampleId :

A4CX6DL

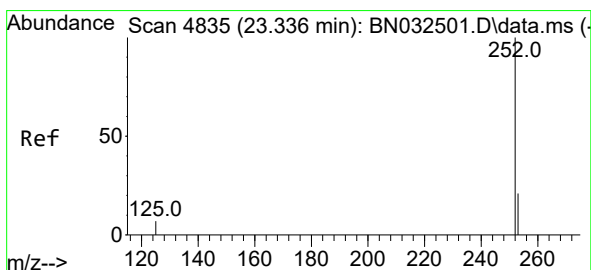
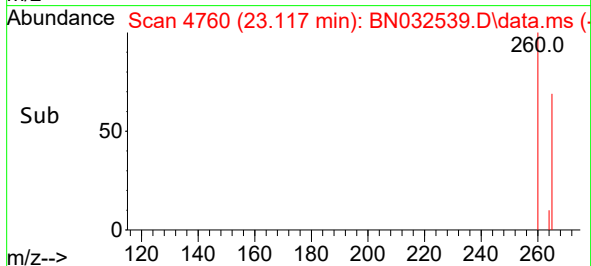
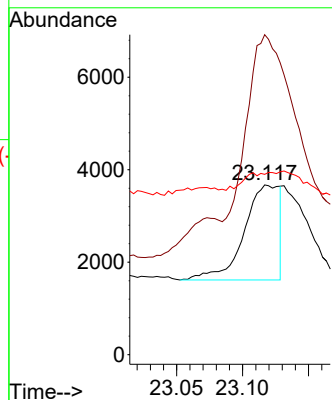
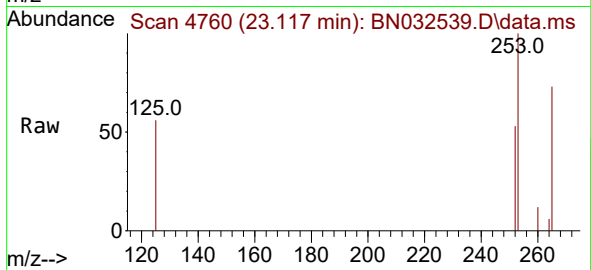
Tgt Ion:252 Resp: 3860

Ion Ratio Lower Upper

252 100

253 188.5 20.3 30.5#

125 106.3 12.8 19.2#



#26

Benzo(a)pyrene

Concen: 0.084 ng/ul

RT: 23.587 min Scan# 4921

Delta R.T. 0.260 min

Lab File: BN032539.D

Acq: 06 Jul 2024 10:36

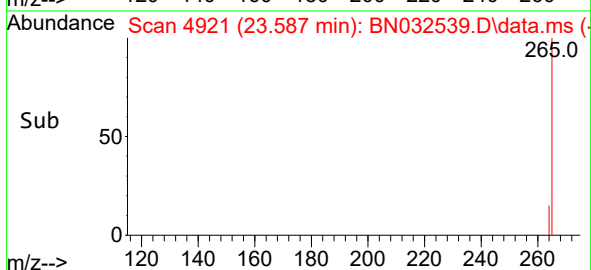
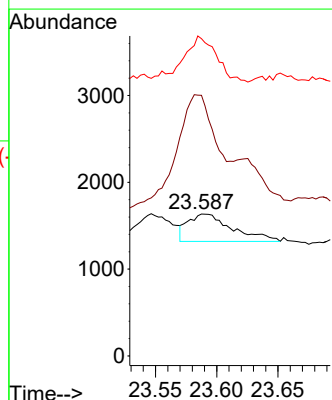
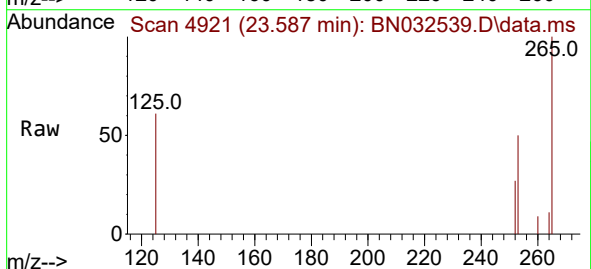
Tgt Ion:252 Resp: 796

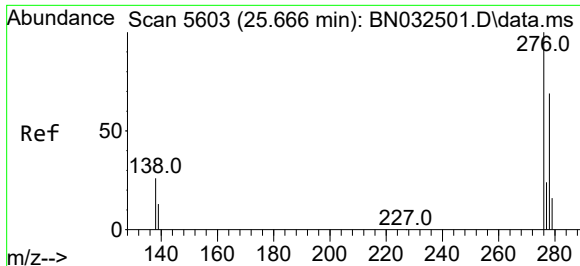
Ion Ratio Lower Upper

252 100

253 183.7 22.2 33.2#

125 223.5 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.728 ng/ul

RT: 25.901 min Scan# 5673

Delta R.T. 0.241 min

Lab File: BN032539.D

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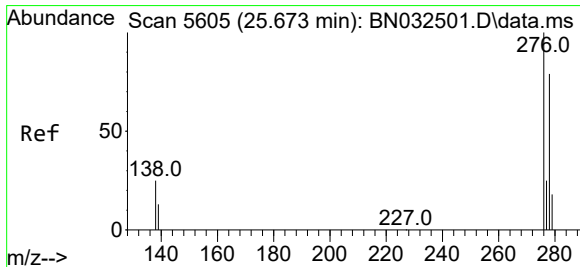
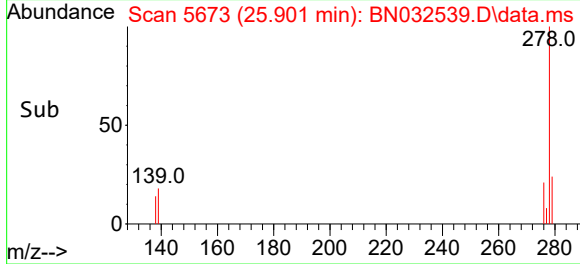
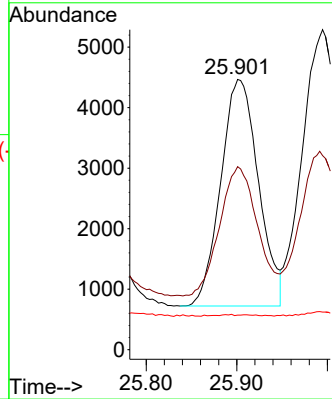
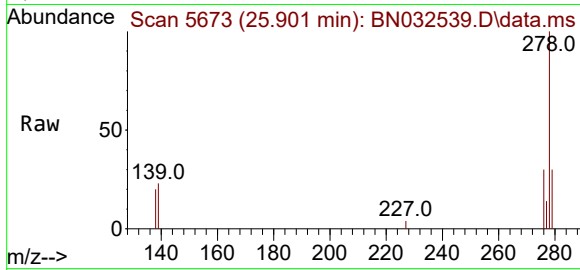
Tgt Ion:276 Resp: 10827

Ion Ratio Lower Upper

276 100

138 57.7 21.3 31.9#

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 3.759 ng/ul

RT: 25.904 min Scan# 5674

Delta R.T. 0.238 min

Lab File: BN032539.D

Acq: 06 Jul 2024 10:36

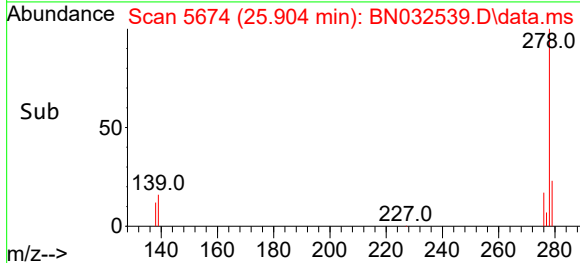
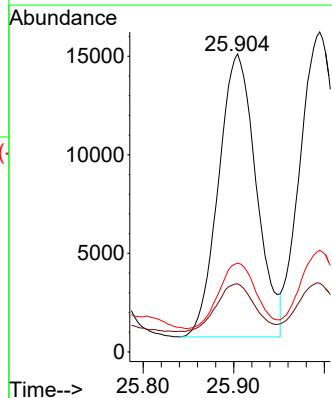
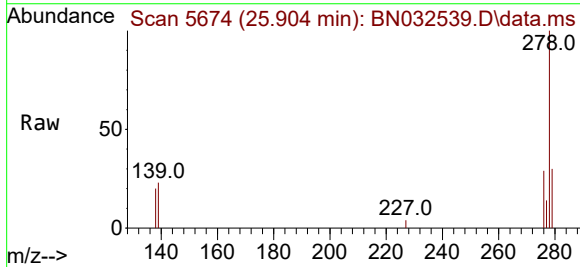
Tgt Ion:278 Resp: 41523

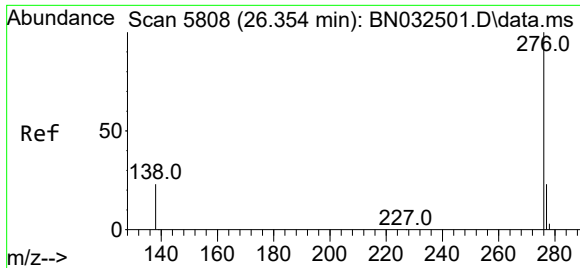
Ion Ratio Lower Upper

278 100

139 22.9 15.9 23.9

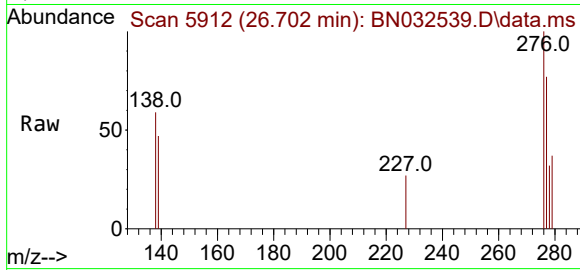
279 29.8 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.702 min Scan# 51
Delta R.T. 0.359 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion: 276 Resp: 4997

Ion	Ratio	Lower	Upper
276	100		
138	59.4	19.8	29.6#
277	76.6	19.8	29.6#

