

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032540.D
 Acq On : 06 Jul 2024 11:12
 Operator : MA/JU
 Sample : P2963-13DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR7DL

Quant Time: Jul 07 23:44:42 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)

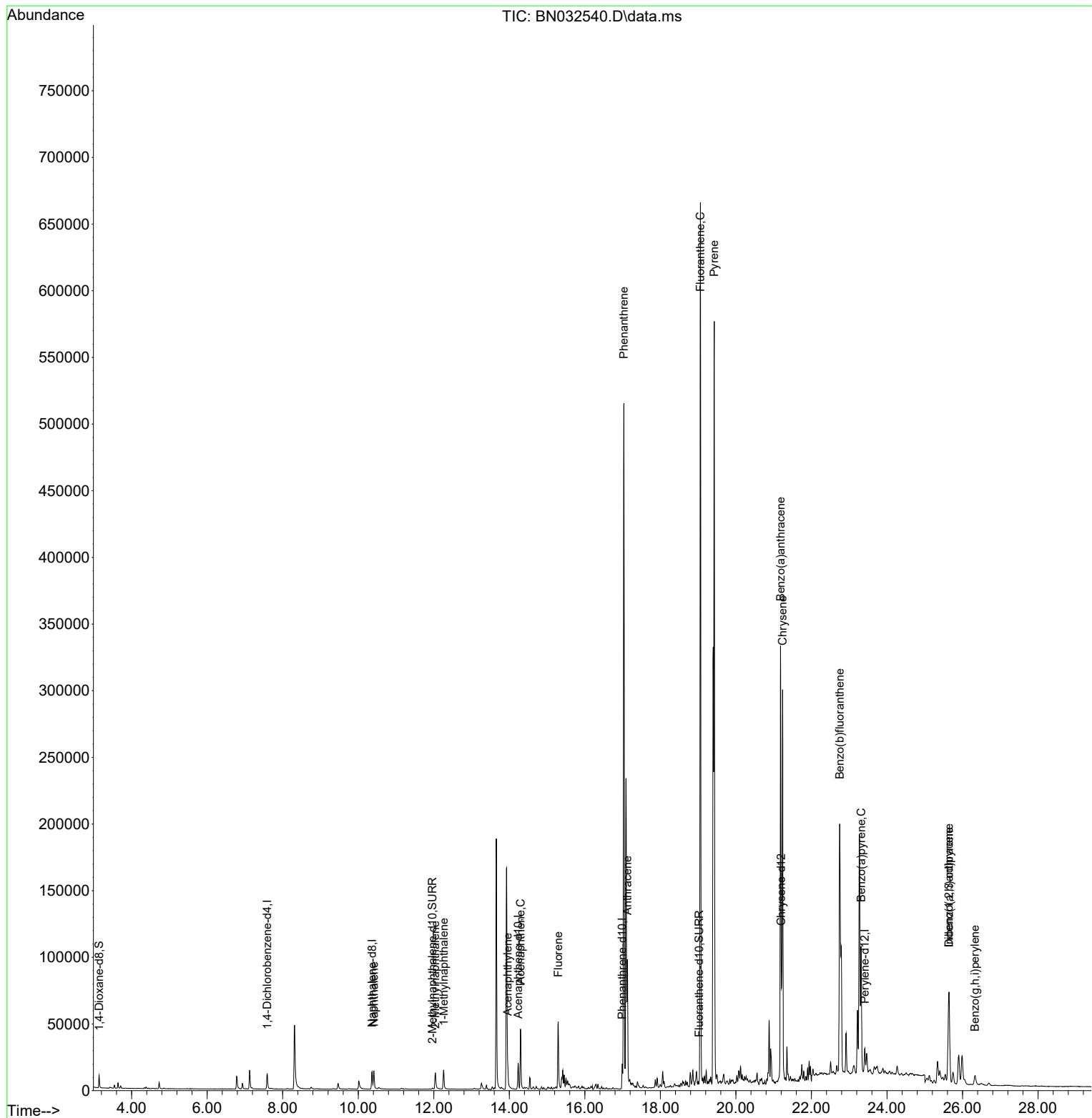
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	7089	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	20294	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.235	164	11232	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.991	188	21814	0.400	ng/ul	-0.02
17) Chrysene-d12	21.200	240	19936	0.400	ng/ul	0.00
23) Perylene-d12	23.412	264	25132	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	6630	0.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1552	0.051	ng/ul	-0.01
18) Fluoranthene-d10	19.027	212	3648	0.061	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	21130	0.393	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	12280	0.345	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	12189	0.330	ng/ul	99
10) Acenaphthylene	13.957	152	18402	0.394	ng/ul#	95
11) Acenaphthene	14.299	153	28412	0.784	ng/ul	99
12) Fluorene	15.294	166	35554	0.823	ng/ul	99
15) Phenanthrene	17.033	178	561663	9.392	ng/ul	99
16) Anthracene	17.126	178	105416	1.976	ng/ul	99
19) Fluoranthene	19.059	202	573008	7.548	ng/ul	98
20) Pyrene	19.426	202	494715	6.236	ng/ul	99
21) Benzo(a)anthracene	21.182	228	276314	3.840	ng/ul	98
22) Chrysene	21.235	228	290627	3.680	ng/ul	97
24) Benzo(b)fluoranthene	22.749	252	407360	3.731	ng/ul	95
26) Benzo(a)pyrene	23.316	252	129389	1.703	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.643	276	103249	0.868	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.643	278	39218	0.444	ng/ul#	89
29) Benzo(g,h,i)perylene	26.330	276	14088	0.149	ng/ul#	80

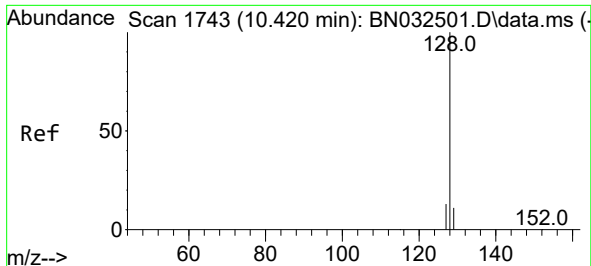
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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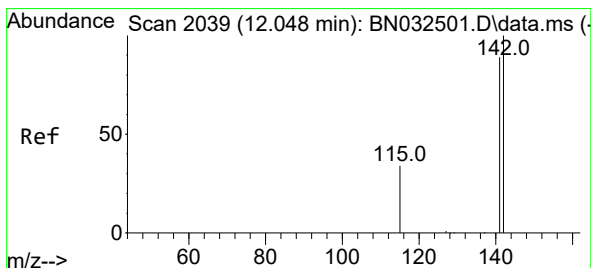
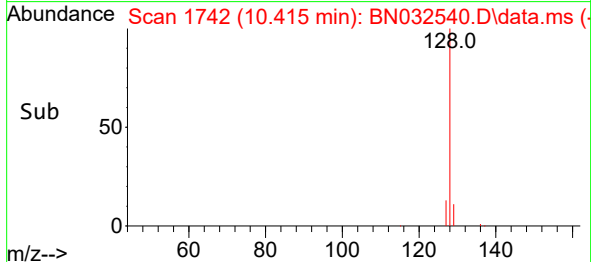
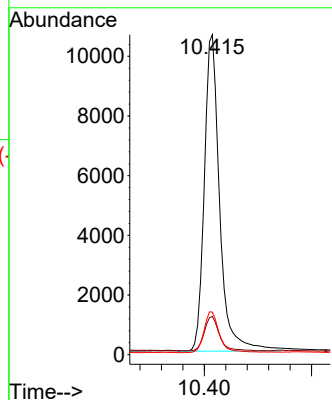
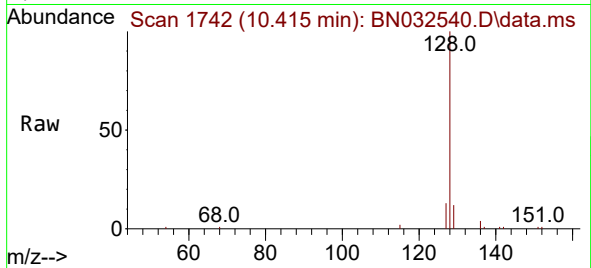




#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.016 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

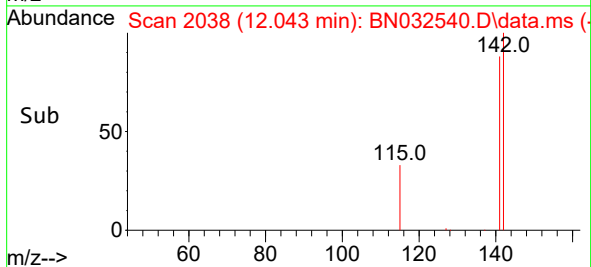
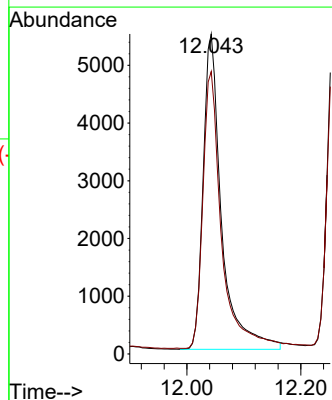
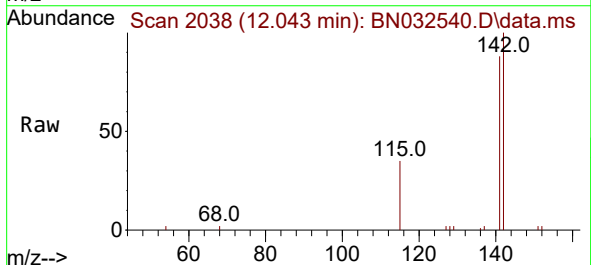
Instrument :
BNA_N
ClientSampleId :
A4CR7DL

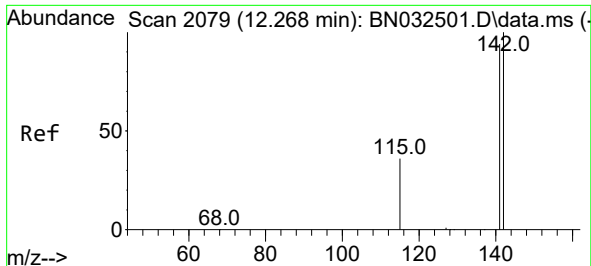
Tgt Ion:128 Resp: 21130
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.3 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:142 Resp: 12280
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2

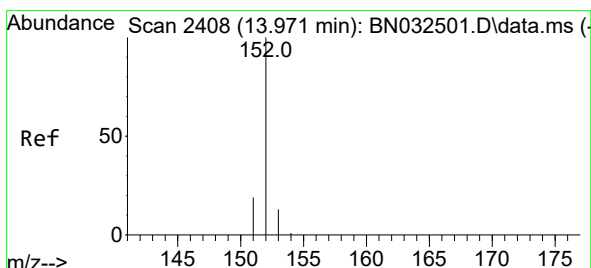
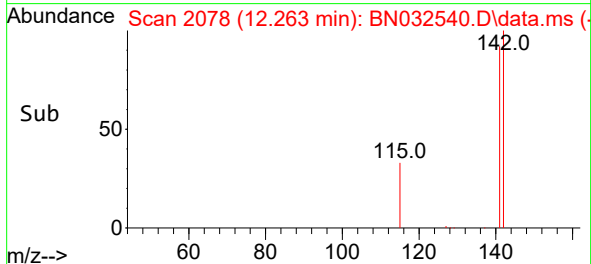
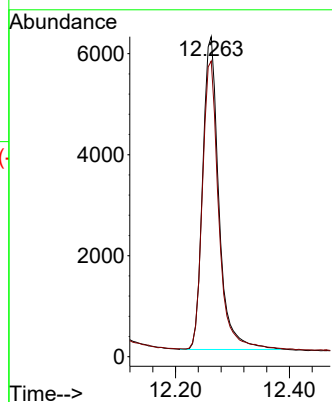
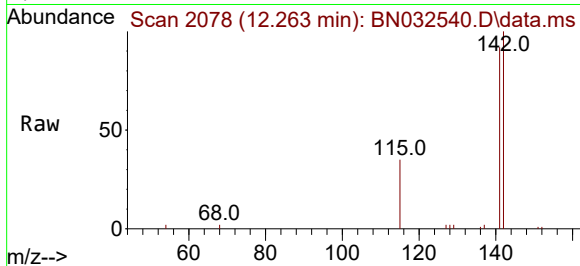




#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.263 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

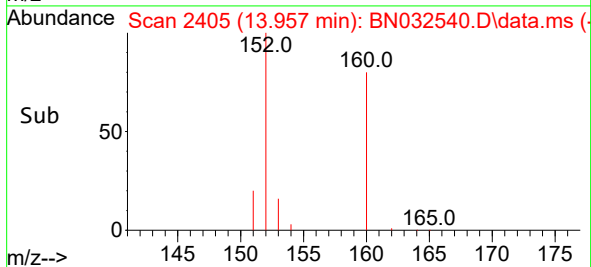
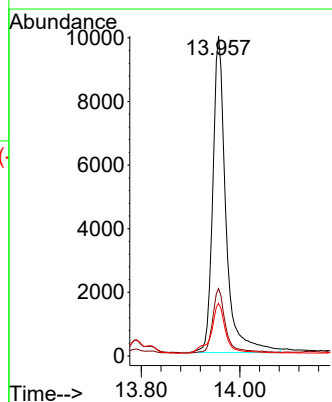
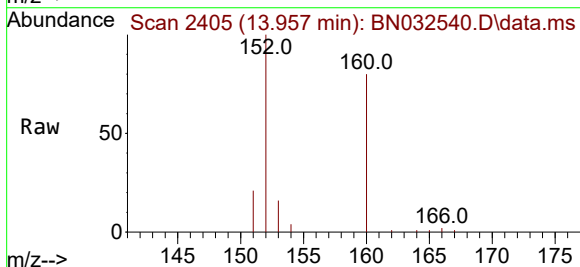
Instrument :
BNA_N
ClientSampleId :
A4CR7DL

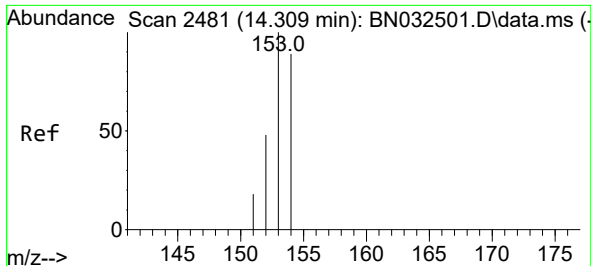
Tgt Ion:142 Resp: 12189
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0



#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.957 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:152 Resp: 18402
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 16.5 10.9 16.3#

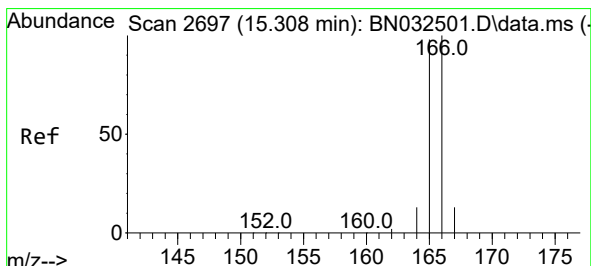
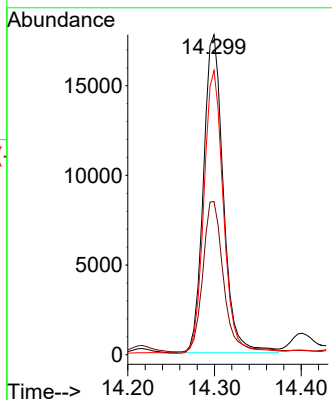
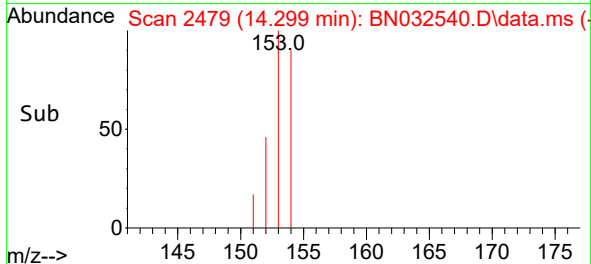
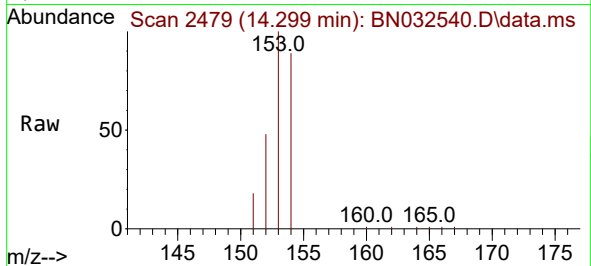




#11
Acenaphthene
Concen: 0.784 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

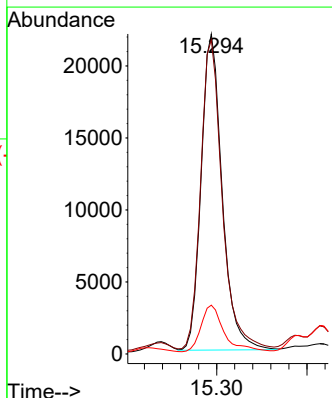
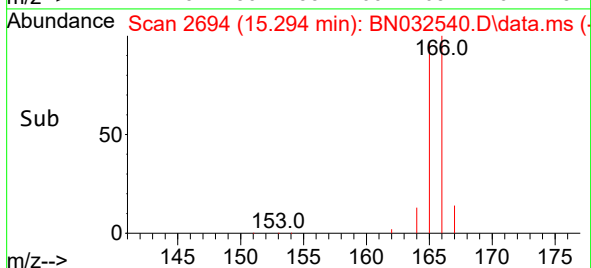
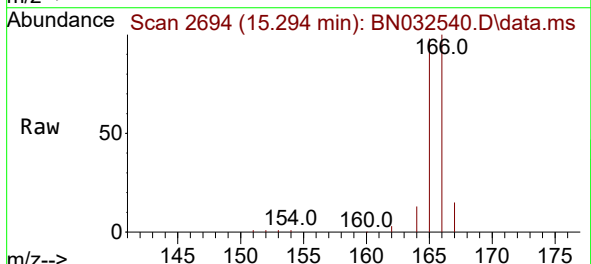
Instrument :
BNA_N
ClientSampleId :
A4CR7DL

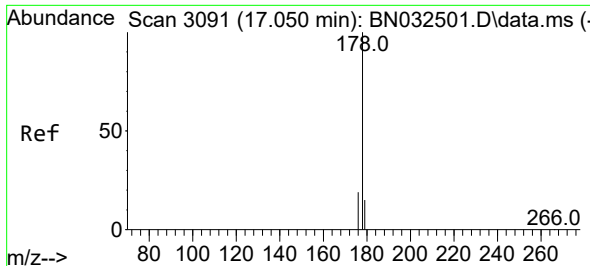
Tgt Ion:153 Resp: 28412
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 88.8 71.7 107.5



#12
Fluorene
Concen: 0.823 ng/ul
RT: 15.294 min Scan# 2694
Delta R.T. -0.018 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:166 Resp: 35554
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 15.3 11.0 16.6

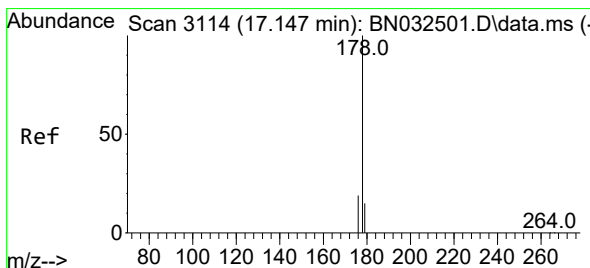
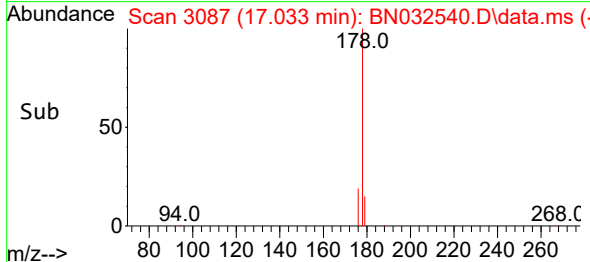
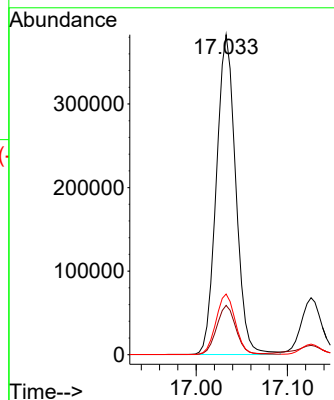
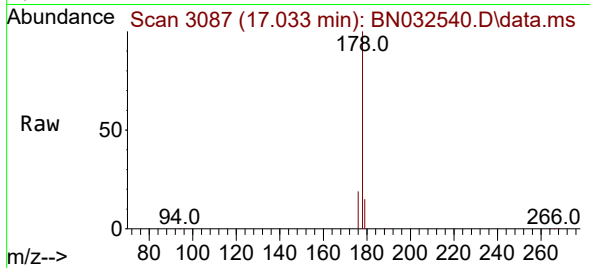




#15
Phenanthrene
Concen: 9.392 ng/ul
RT: 17.033 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

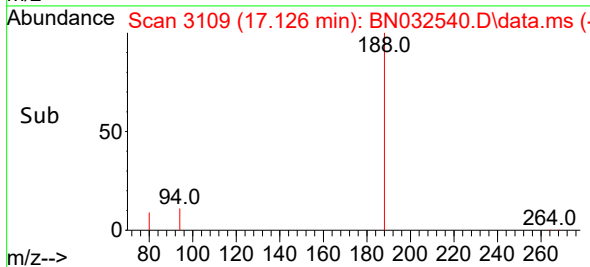
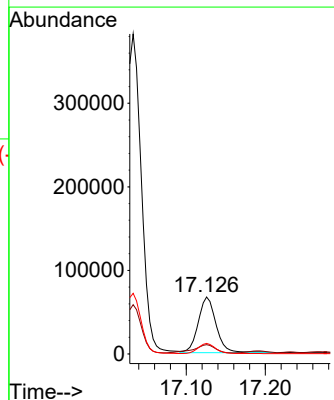
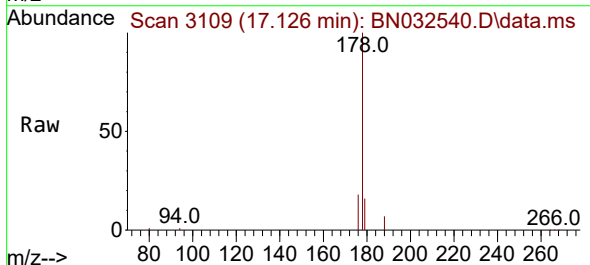
Instrument :
BNA_N
ClientSampleId :
A4CR7DL

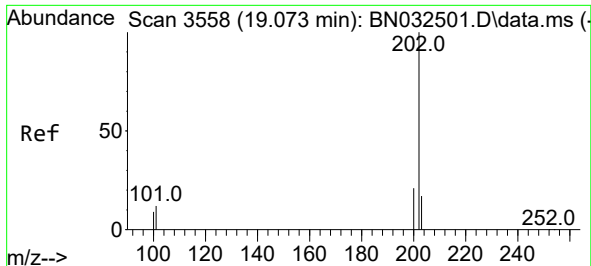
Tgt Ion:178 Resp: 561663
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.6 23.4



#16
Anthracene
Concen: 1.976 ng/ul
RT: 17.126 min Scan# 3109
Delta R.T. -0.017 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:178 Resp: 105416
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 18.5 15.0 22.6

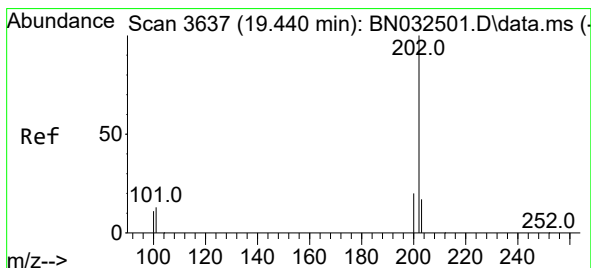
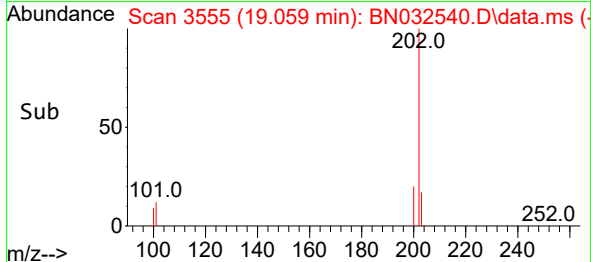
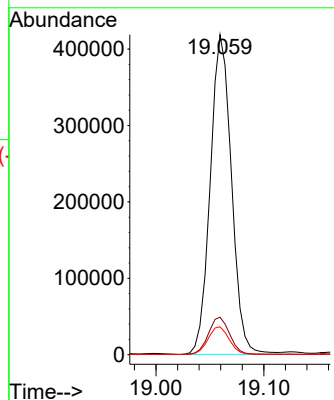
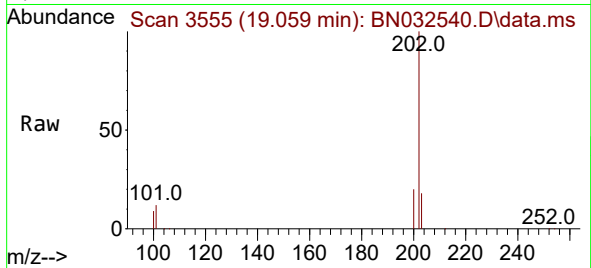




#19
Fluoranthene
Concen: 7.548 ng/ul
RT: 19.059 min Scan# 3555
Delta R.T. -0.014 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

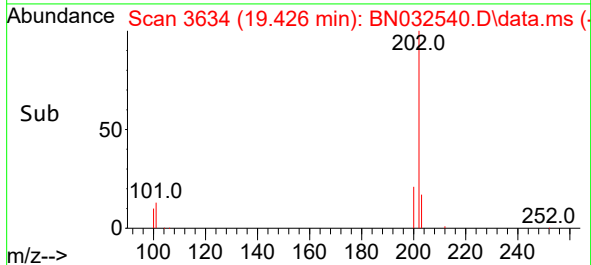
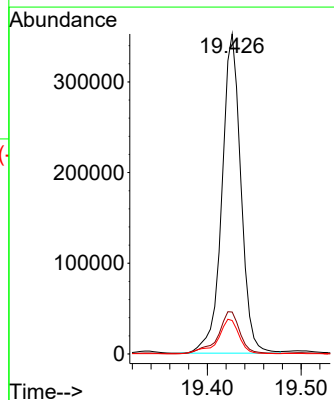
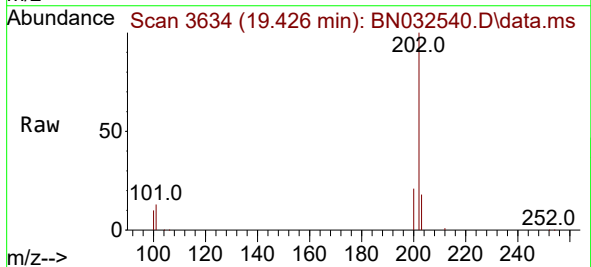
Instrument :
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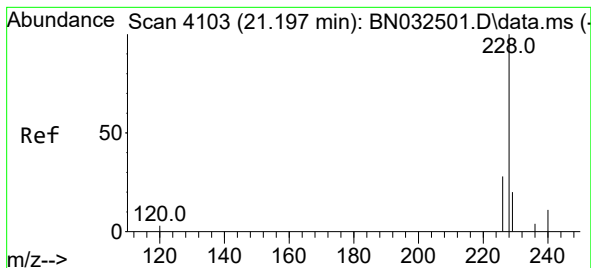
Tgt Ion:202 Resp: 573008
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.7 6.4 9.6



#20
Pyrene
Concen: 6.236 ng/ul
RT: 19.426 min Scan# 3634
Delta R.T. -0.014 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:202 Resp: 494715
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1





#21

Benzo(a)anthracene

Concen: 3.840 ng/ul

RT: 21.182 min Scan# 4109

Delta R.T. -0.009 min

Lab File: BN032540.D

Acq: 06 Jul 2024 11:12

Instrument :

BNA_N

ClientSampleId :

A4CR7DL

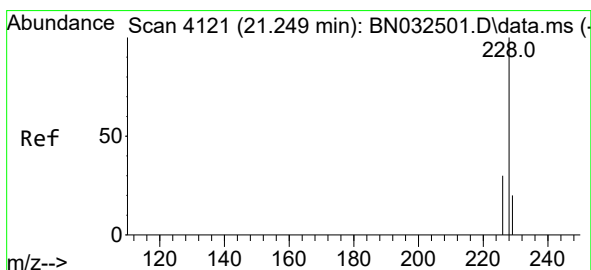
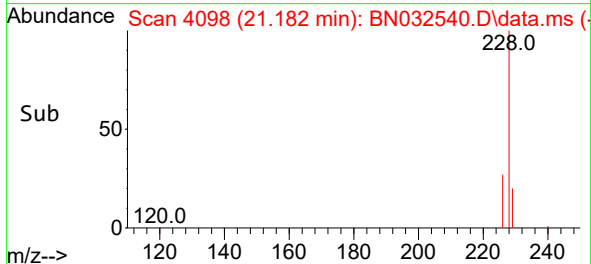
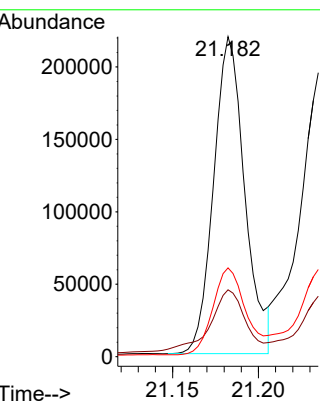
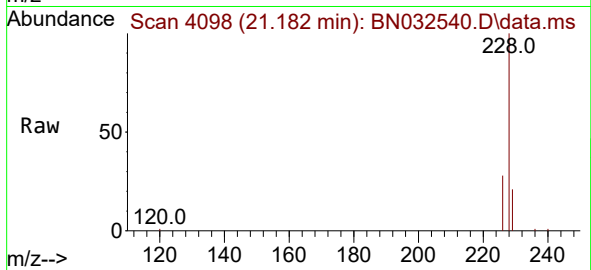
Tgt Ion:228 Resp: 276314

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

226 27.7 21.8 32.8



#22

Chrysene

Concen: 3.680 ng/ul

RT: 21.235 min Scan# 4116

Delta R.T. -0.009 min

Lab File: BN032540.D

Acq: 06 Jul 2024 11:12

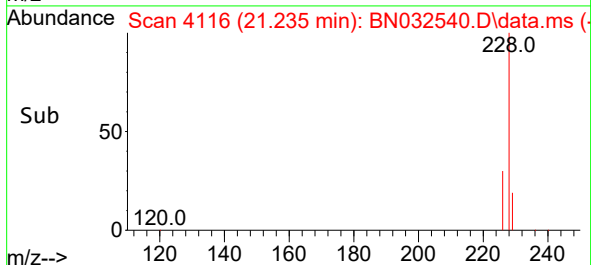
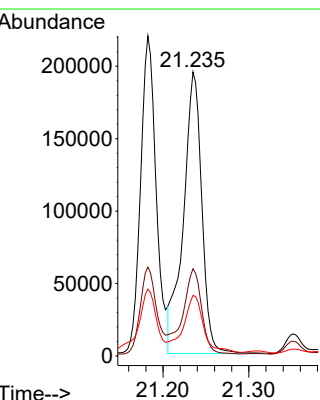
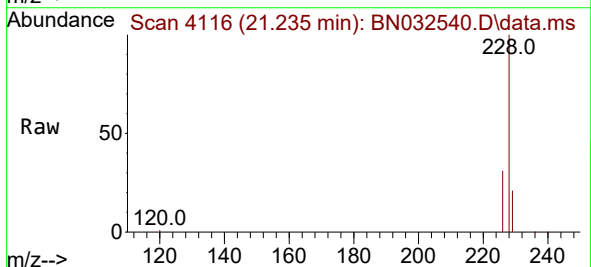
Tgt Ion:228 Resp: 290627

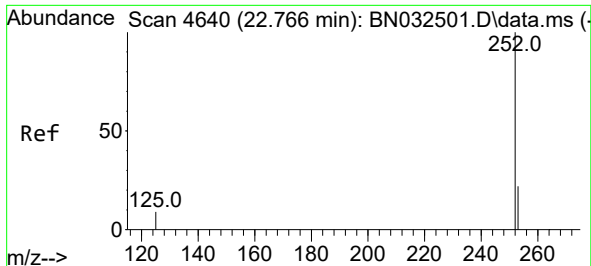
Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

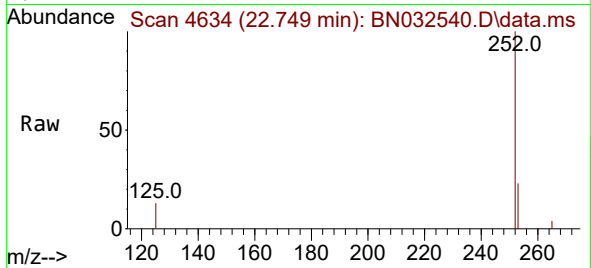
229 21.3 15.7 23.5



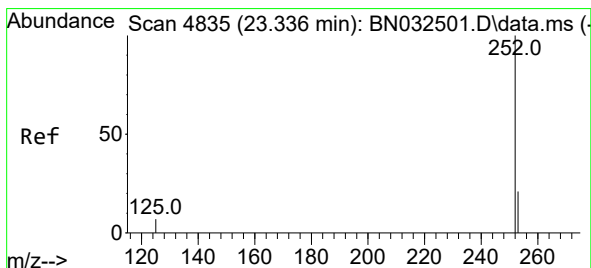
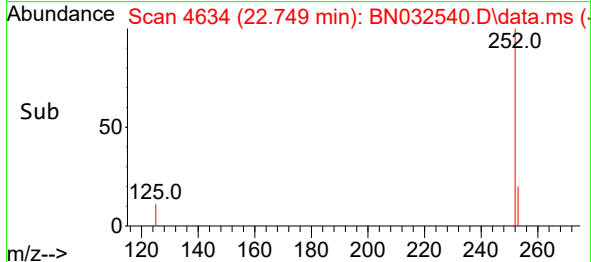
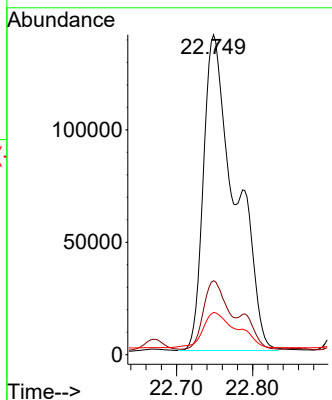


#24
Benzo(b)fluoranthene
Concen: 3.731 ng/ul
RT: 22.749 min Scan# 4634
Delta R.T. -0.009 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Instrument :
BNA_N
ClientSampleId :
A4CR7DL

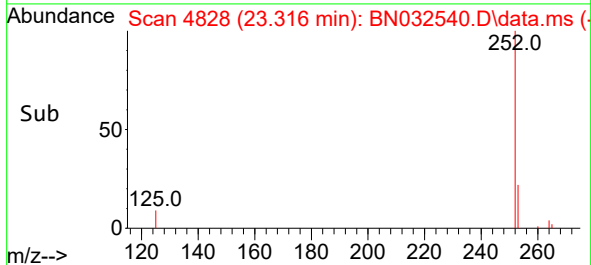
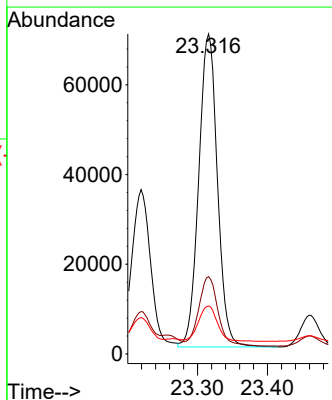
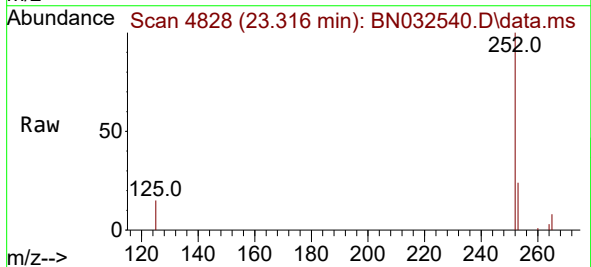


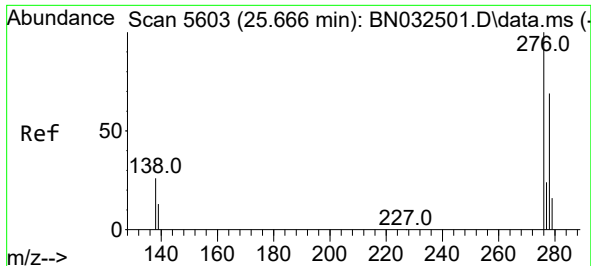
Tgt Ion:252 Resp: 407360
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.2 0.0 32.0



#26
Benzo(a)pyrene
Concen: 1.703 ng/ul
RT: 23.316 min Scan# 4828
Delta R.T. -0.012 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Tgt Ion:252 Resp: 129389
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 15.0 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.868 ng/ul

RT: 25.643 min Scan# 5596

Delta R.T. -0.017 min

Lab File: BN032540.D

Acq: 06 Jul 2024 11:12

Instrument :

BNA_N

ClientSampleId :

A4CR7DL

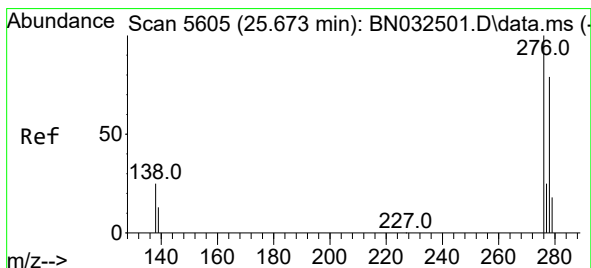
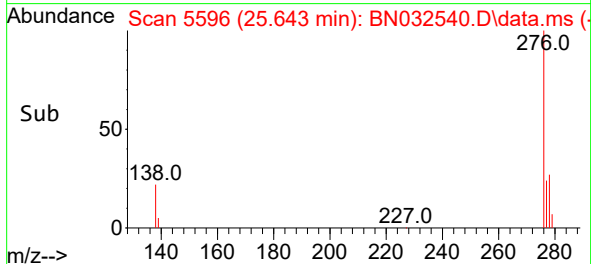
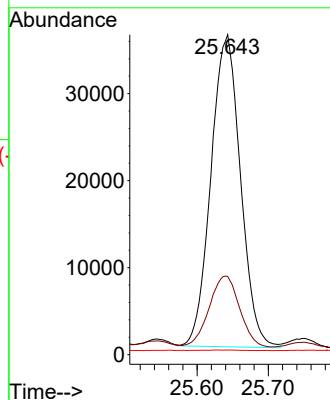
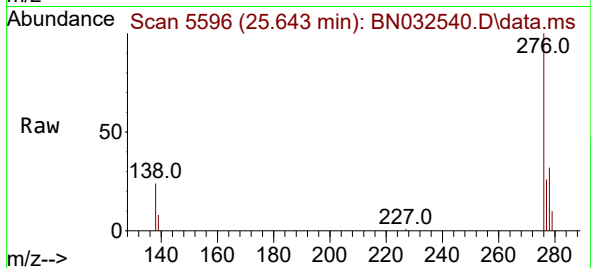
Tgt Ion:276 Resp: 103249

Ion Ratio Lower Upper

276 100

138 23.5 21.3 31.9

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.444 ng/ul

RT: 25.643 min Scan# 5596

Delta R.T. -0.023 min

Lab File: BN032540.D

Acq: 06 Jul 2024 11:12

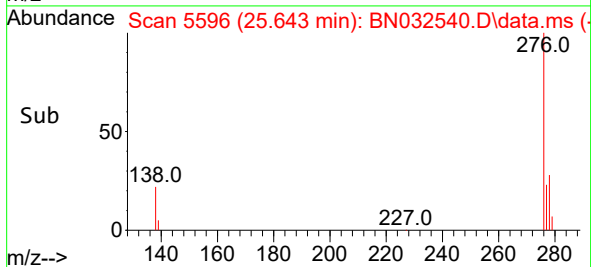
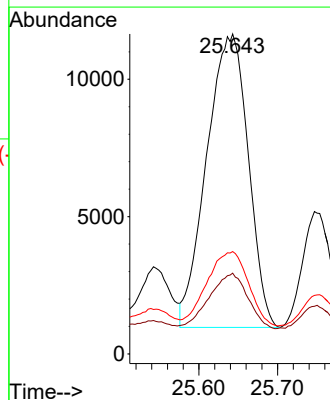
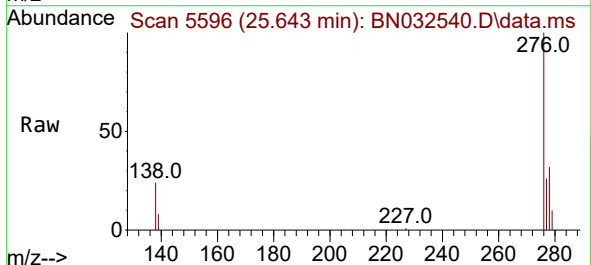
Tgt Ion:278 Resp: 39218

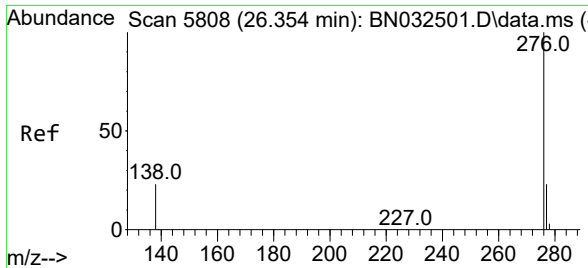
Ion Ratio Lower Upper

278 100

139 25.3 15.9 23.9#

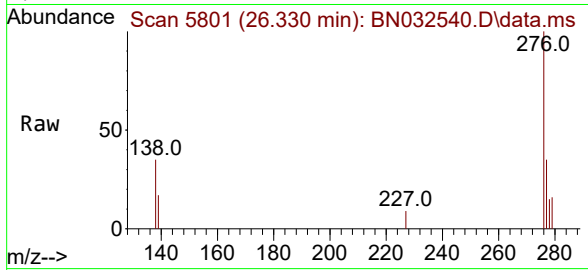
279 32.0 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.330 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN032540.D
Acq: 06 Jul 2024 11:12

Instrument :
BNA_N
ClientSampleId :
A4CR7DL



Tgt Ion:276 Resp: 14088
Ion Ratio Lower Upper
276 100
138 34.8 19.8 29.6#
277 34.7 19.8 29.6#

