

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032645.D
 Acq On : 11 Jul 2024 20:45
 Operator : MA/JU
 Sample : P3035-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CY1

Quant Time: Jul 12 01:56:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

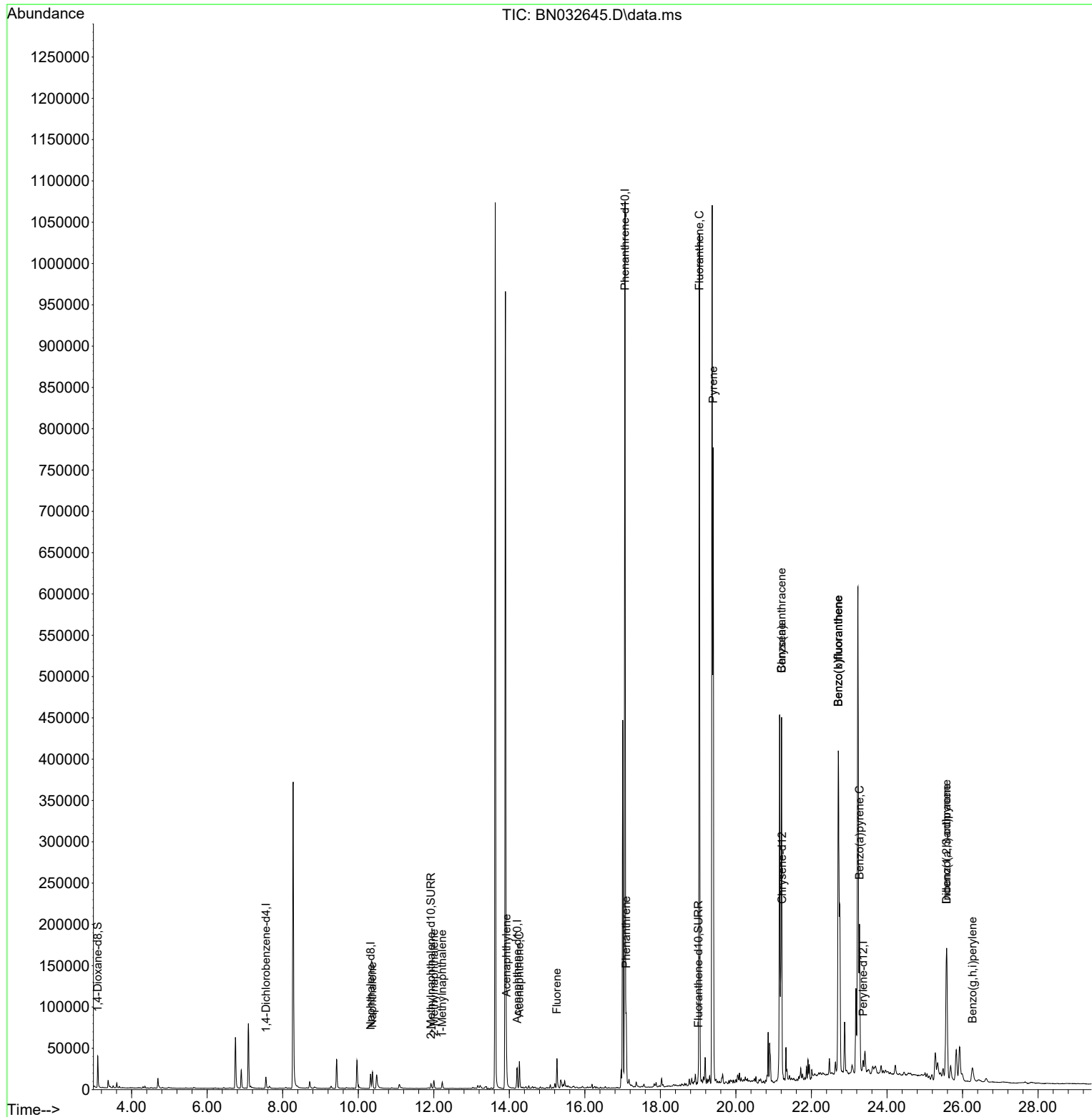
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	7676	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	24591	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	14147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.062	188	1248447	0.400	ng/ul	0.07
17) Chrysene-d12	21.220	240	348	0.400	ng/ul	# 0.03
23) Perylene-d12	23.368	264	20676	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	25717	2.790	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8765	0.236	ng/ul	-0.04
18) Fluoranthene-d10	19.004	212	13398	11.814	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.376	128	23377	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.004	142	7745	0.188	ng/ul	97
8) 1-Methylnaphthalene	12.224	142	6035	0.142	ng/ul	99
10) Acenaphthylene	13.925	152	40511	0.709	ng/ul	100
11) Acenaphthene	14.267	153	19197	0.406	ng/ul	99
12) Fluorene	15.262	166	23660	0.438	ng/ul	98
15) Phenanthrene	17.096	178	82827	0.024	ng/ul	98
19) Fluoranthene	19.031	202	903977	638.900	ng/ul	98
20) Pyrene	19.399	202	639417	436.600	ng/ul	97
21) Benzo(a)anthracene	21.209	228	437892	395.305	ng/ul	95
22) Chrysene	21.209	228	437892	273.261	ng/ul	97
24) Benzo(b)fluoranthene	22.711	252	832660	11.414	ng/ul	91
25) Benzo(k)fluoranthene	22.711	252	673673	7.577	ng/ul#	91
26) Benzo(a)pyrene	23.272	252	236688	3.749	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.579	276	239394	2.800	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.579	278	81216	1.226	ng/ul#	91
29) Benzo(g,h,i)perylene	26.263	276	35868	0.502	ng/ul#	84

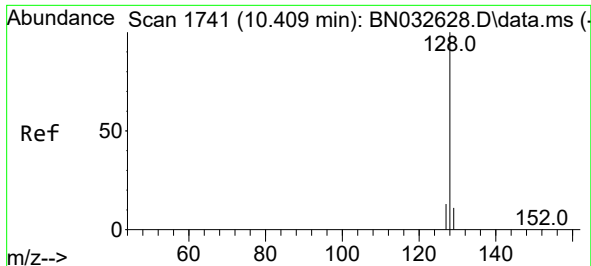
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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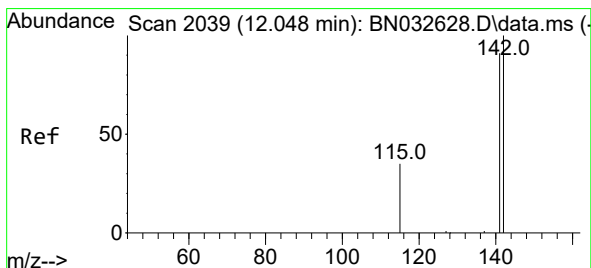
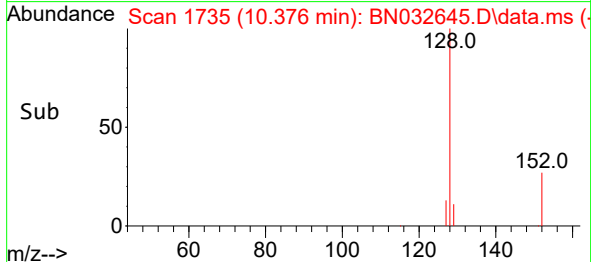
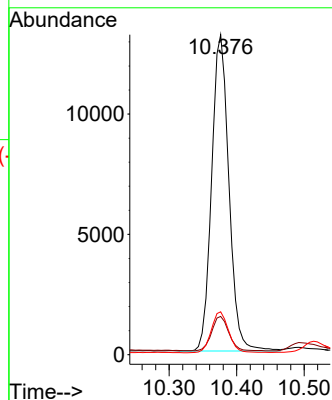
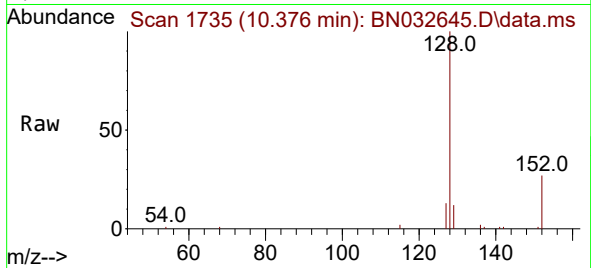




#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

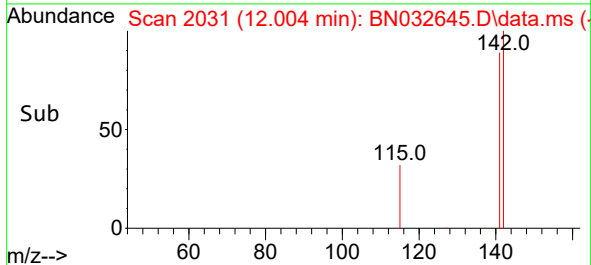
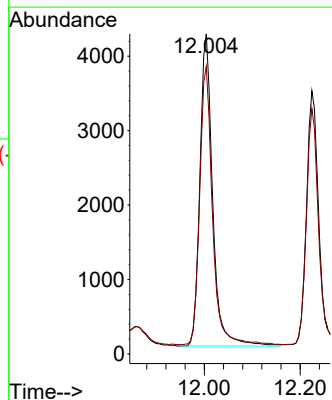
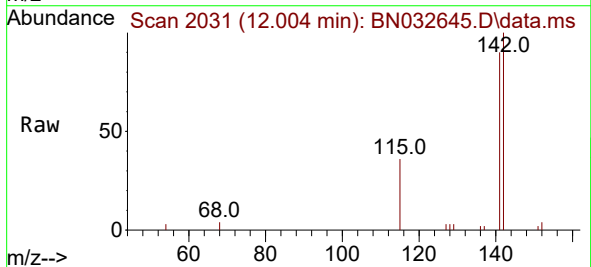
Instrument :
BNA_N
ClientSampleId :
A4CY1

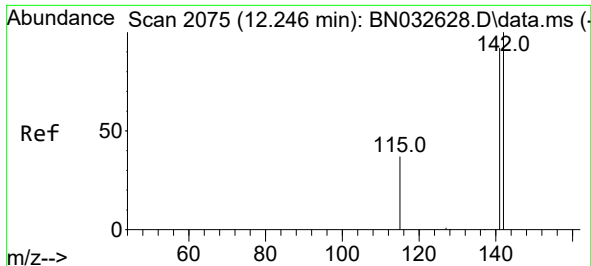
Tgt Ion:128 Resp: 23377
Ion Ratio Lower Upper
128 100
129 12.0 10.0 15.0
127 13.4 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Tgt Ion:142 Resp: 7745
Ion Ratio Lower Upper
142 100
141 89.2 74.0 111.0

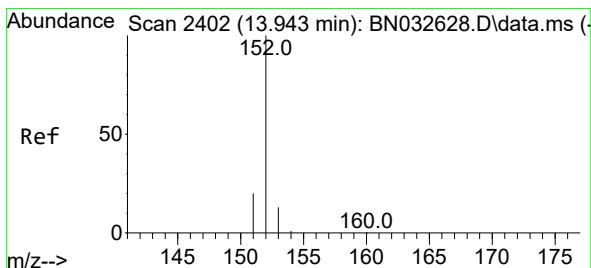
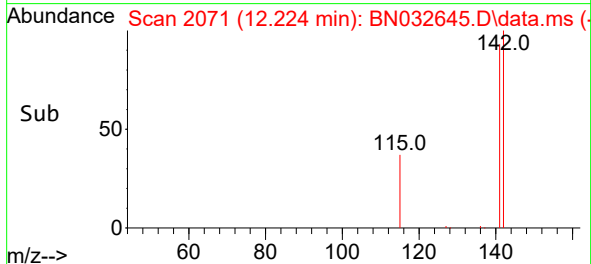
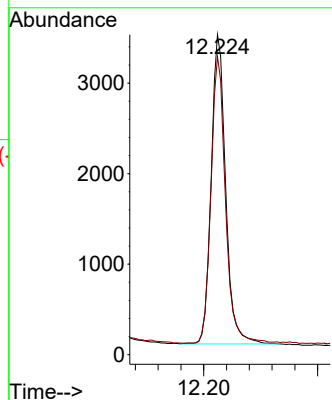
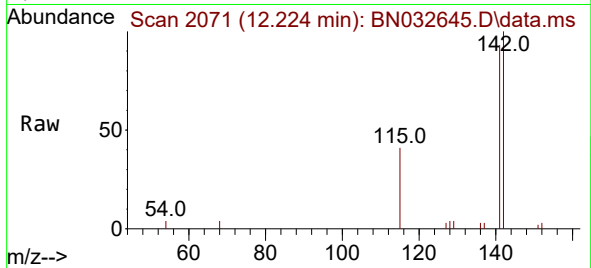




#8
1-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.224 min Scan# 2075
Delta R.T. -0.022 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

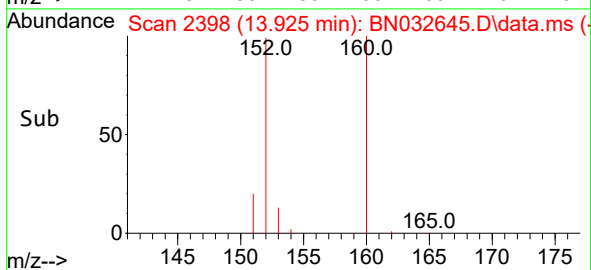
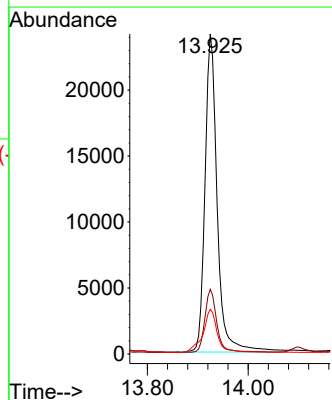
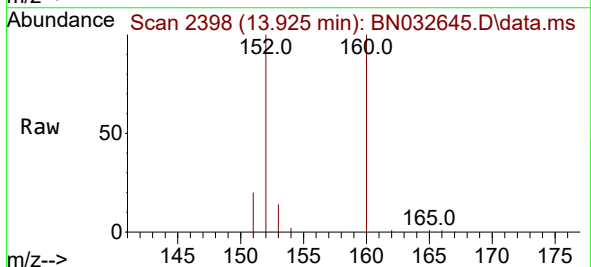
Instrument :
BNA_N
ClientSampleId :
A4CY1

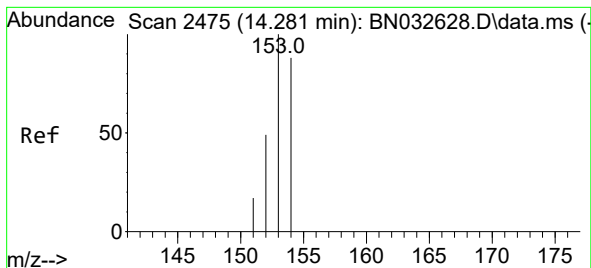
Tgt Ion:142 Resp: 6035
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4



#10
Acenaphthylene
Concen: 0.709 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Tgt Ion:152 Resp: 40511
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.9 11.3 16.9





#11

Acenaphthene

Concen: 0.406 ng/ul

RT: 14.267 min Scan# 2475

Delta R.T. -0.014 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1

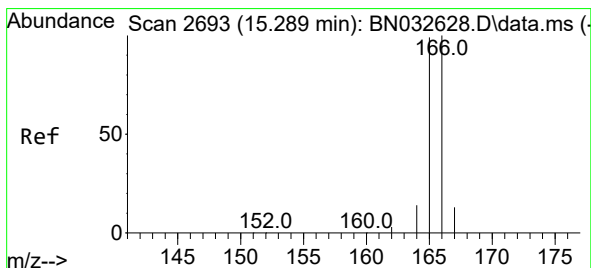
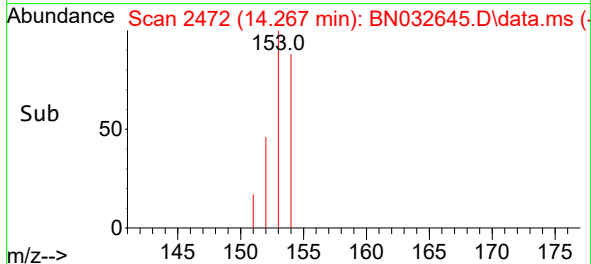
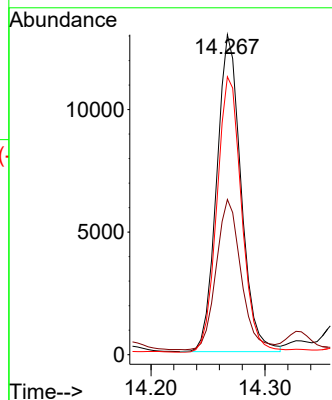
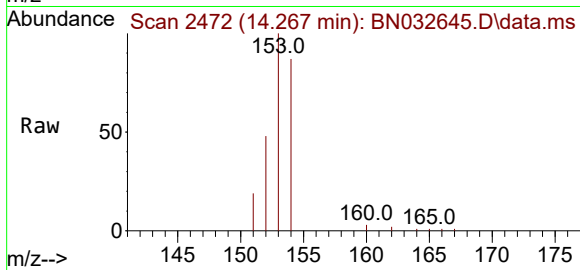
Tgt Ion:153 Resp: 19197

Ion Ratio Lower Upper

153 100

152 48.5 40.0 60.0

154 86.9 70.2 105.4



#12

Fluorene

Concen: 0.438 ng/ul

RT: 15.262 min Scan# 2687

Delta R.T. -0.028 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

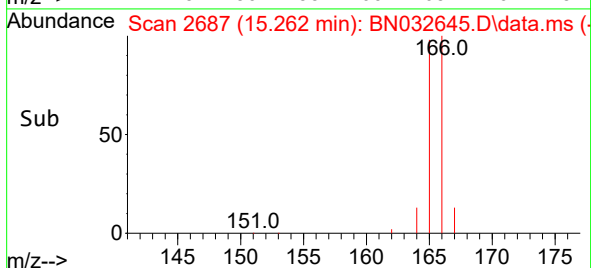
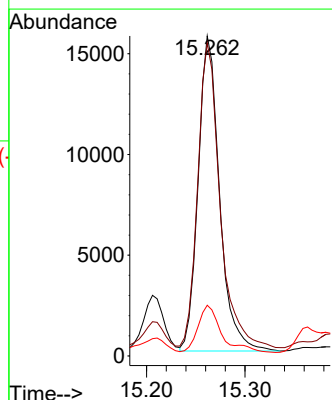
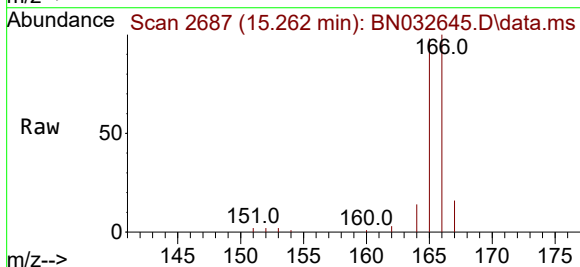
Tgt Ion:166 Resp: 23660

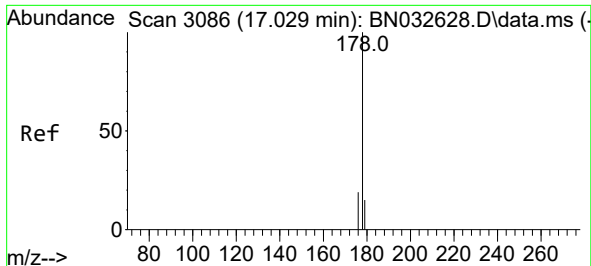
Ion Ratio Lower Upper

166 100

165 97.8 79.7 119.5

167 15.8 11.4 17.2

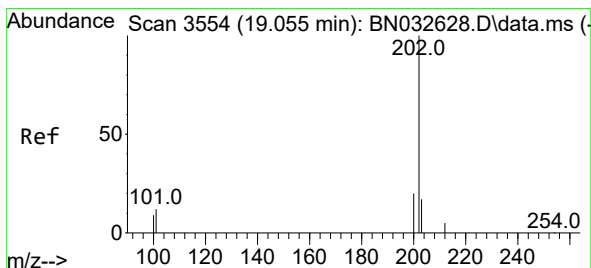
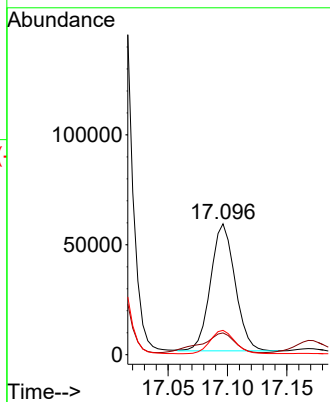
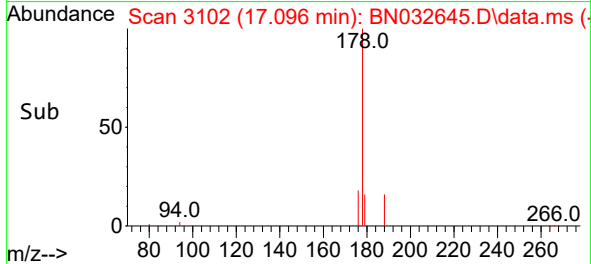
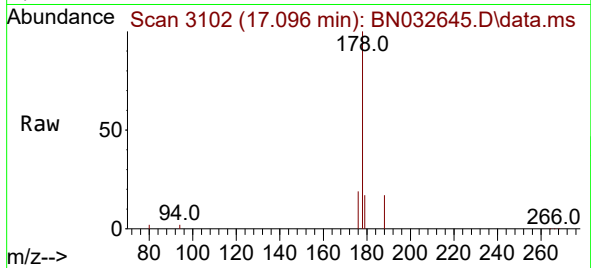




#15
Phenanthrene
Concen: 0.024 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. 0.068 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

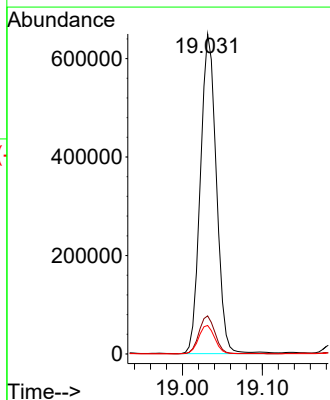
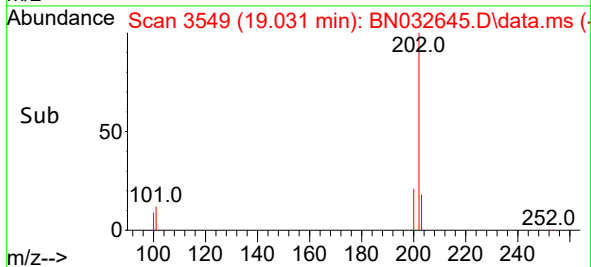
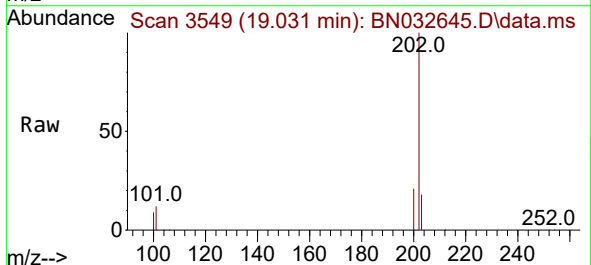
Instrument :
BNA_N
ClientSampleId :
A4CY1

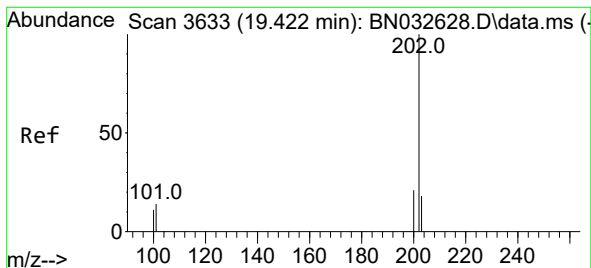
Tgt Ion:178 Resp: 82827
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 18.6 15.6 23.4



#19
Fluoranthene
Concen: 638.900 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Tgt Ion:202 Resp: 903977
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.9 11.9





#20

Pyrene

Concen: 436.600 ng/ul

RT: 19.399 min Scan# 3

Delta R.T. -0.023 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1

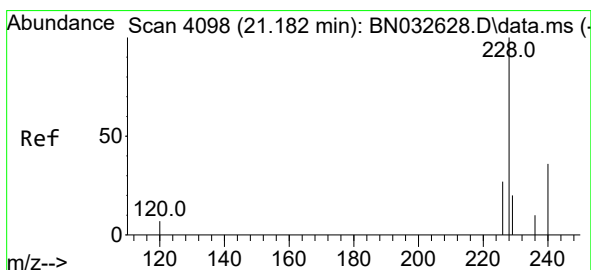
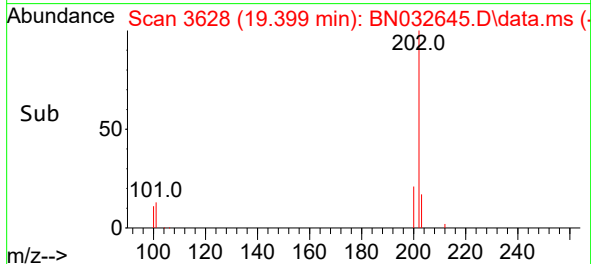
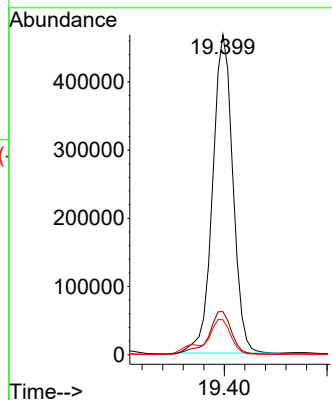
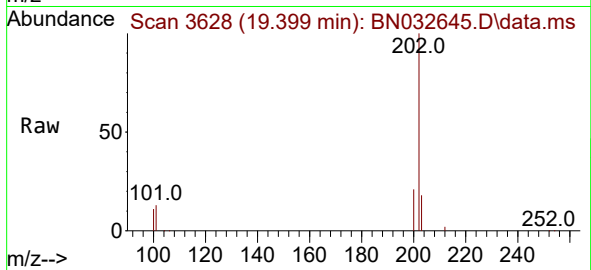
Tgt Ion:202 Resp: 639417

Ion Ratio Lower Upper

202 100

101 13.5 11.8 17.6

100 10.9 9.6 14.4



#21

Benzo(a)anthracene

Concen: 395.305 ng/ul

RT: 21.209 min Scan# 4107

Delta R.T. 0.026 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

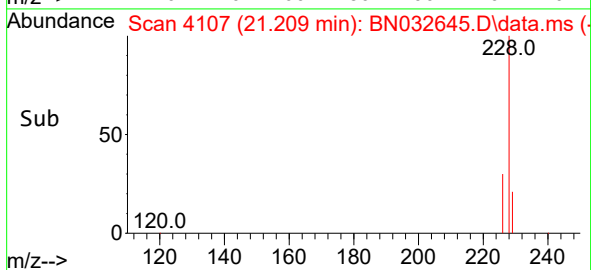
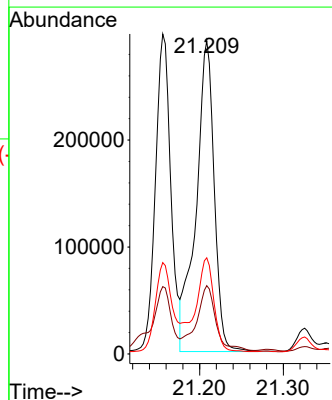
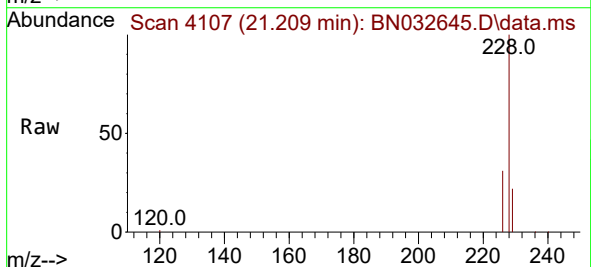
Tgt Ion:228 Resp: 437892

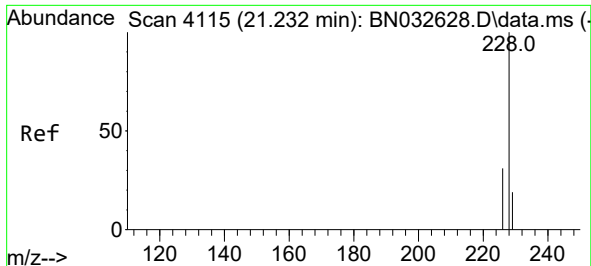
Ion Ratio Lower Upper

228 100

229 21.8 16.1 24.1

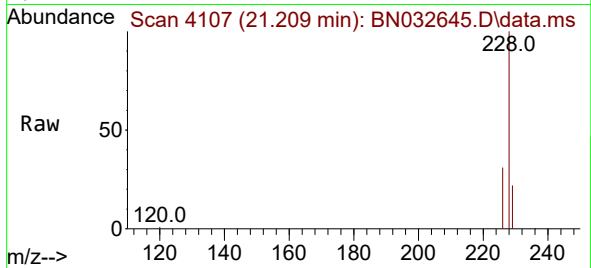
226 30.7 21.9 32.9



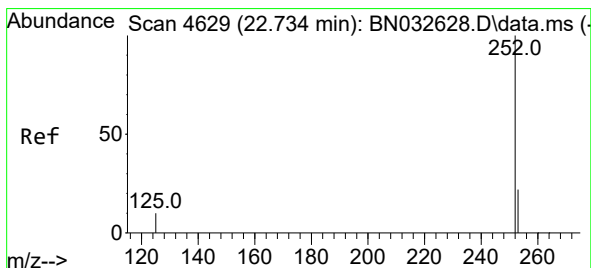
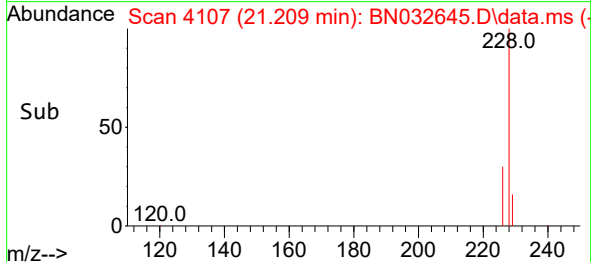
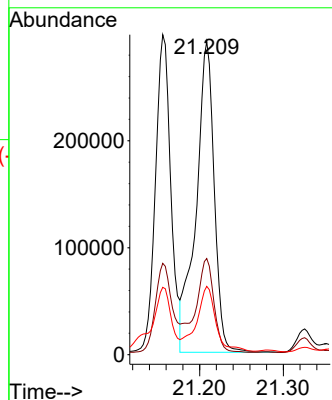


#22
Chrysene
Concen: 273.261 ng/ul
RT: 21.209 min Scan# 4115
Delta R.T. -0.023 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
A4CY1

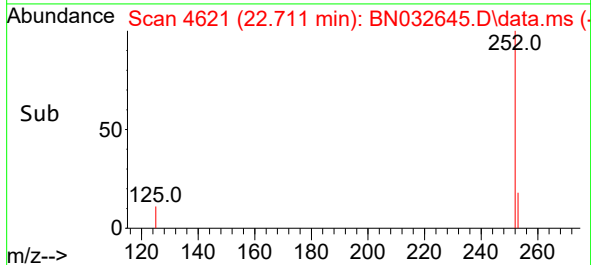
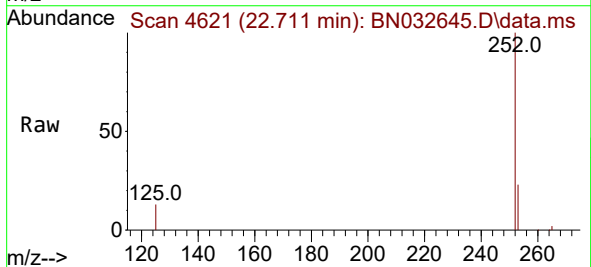
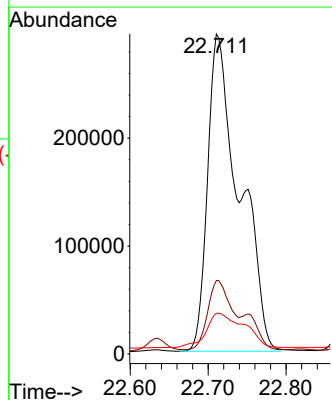


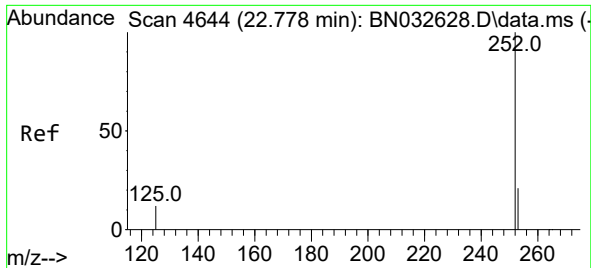
Tgt Ion:228 Resp: 437892
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.8 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 11.414 ng/ul
RT: 22.711 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

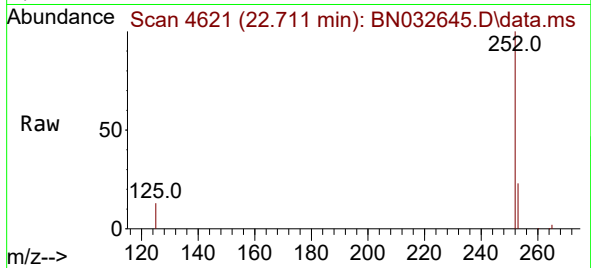
Tgt Ion:252 Resp: 832660
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 12.7 0.0 36.0



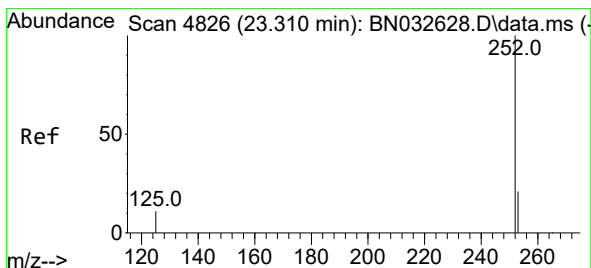
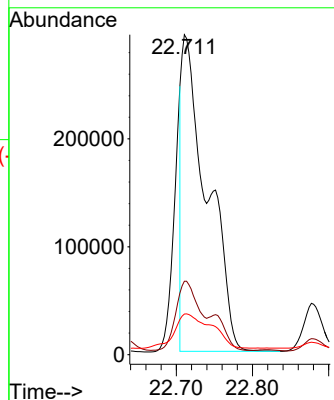


#25
Benzo(k)fluoranthene
Concen: 7.577 ng/ul
RT: 22.711 min Scan# 4621
Delta R.T. -0.067 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Instrument :
BNA_N
ClientSampleId :
A4CY1

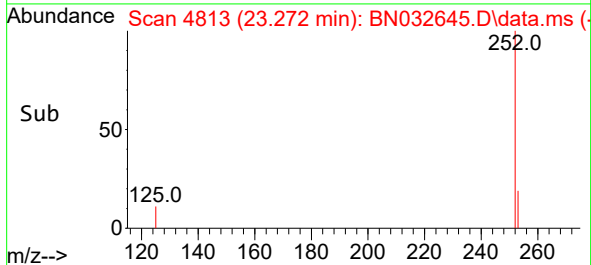
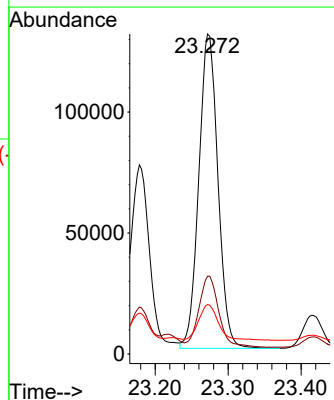
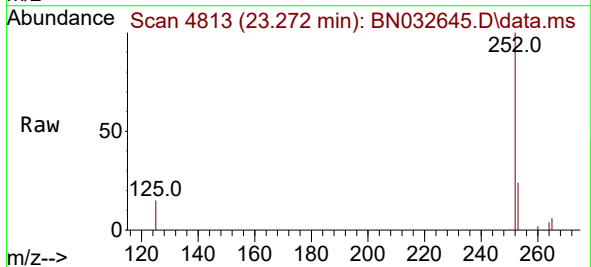


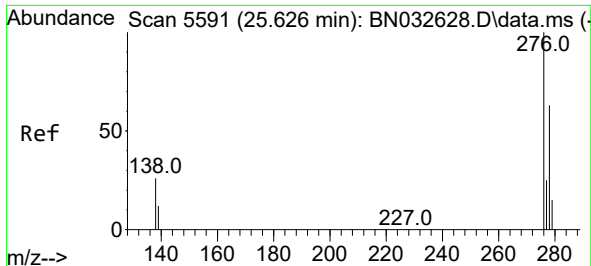
Tgt Ion:252 Resp: 673673
Ion Ratio Lower Upper
252 100
253 23.0 21.2 31.8
125 12.7 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 3.749 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032645.D
Acq: 11 Jul 2024 20:45

Tgt Ion:252 Resp: 236688
Ion Ratio Lower Upper
252 100
253 24.3 25.4 38.0#
125 15.5 20.6 30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.800 ng/ul

RT: 25.579 min Scan# 5577

Delta R.T. -0.047 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1

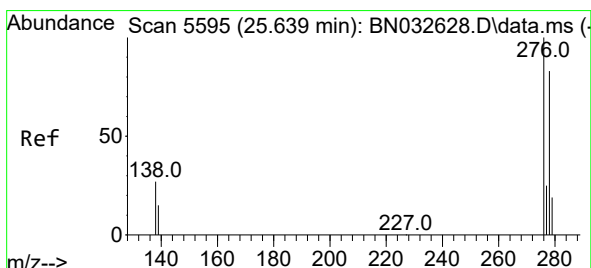
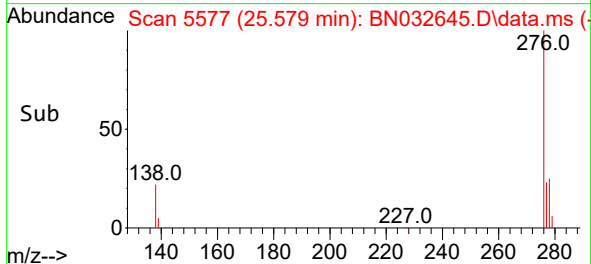
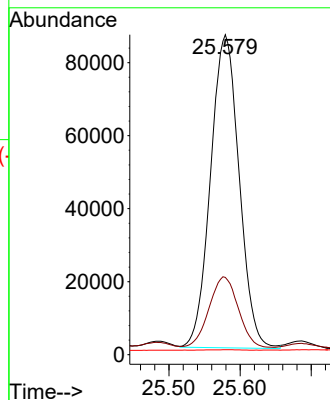
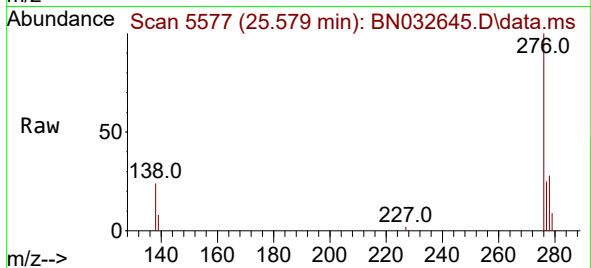
Tgt Ion:276 Resp: 239394

Ion Ratio Lower Upper

276 100

138 23.0 21.6 32.4

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 1.226 ng/ul

RT: 25.579 min Scan# 5577

Delta R.T. -0.060 min

Lab File: BN032645.D

Acq: 11 Jul 2024 20:45

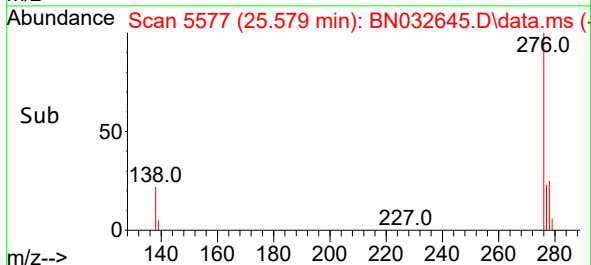
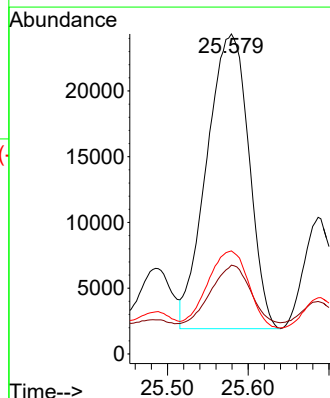
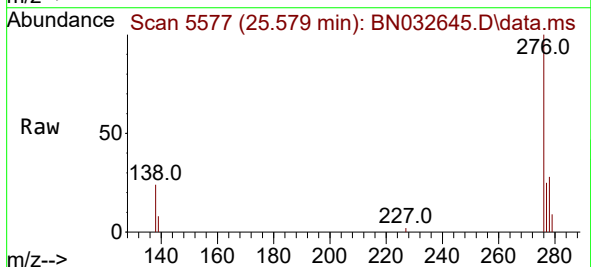
Tgt Ion:278 Resp: 81216

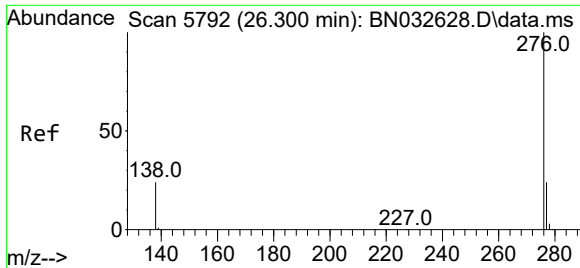
Ion Ratio Lower Upper

278 100

139 27.7 16.6 24.8#

279 32.2 23.7 35.5





#29

Benzo(g,h,i)perylene

Concen: 0.502 ng/ul

RT: 26.263 min Scan# 51

Delta R.T. -0.037 min

Lab File: BN032645.D

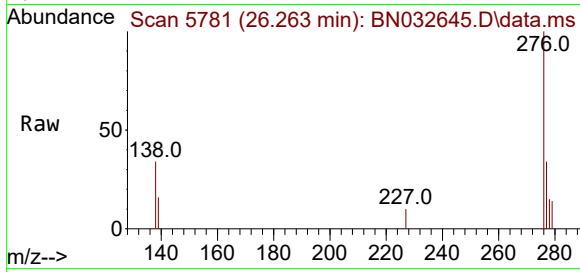
Acq: 11 Jul 2024 20:45

Instrument :

BNA_N

ClientSampleId :

A4CY1



Tgt Ion:276 Resp: 35868

Ion Ratio Lower Upper

276 100

138 33.7 21.0 31.4#

277 34.5 20.6 31.0#

