

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032705.D
 Acq On : 13 Jul 2024 12:06
 Operator : MA/JU
 Sample : P3125-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2

Quant Time: Jul 15 08:56:30 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)

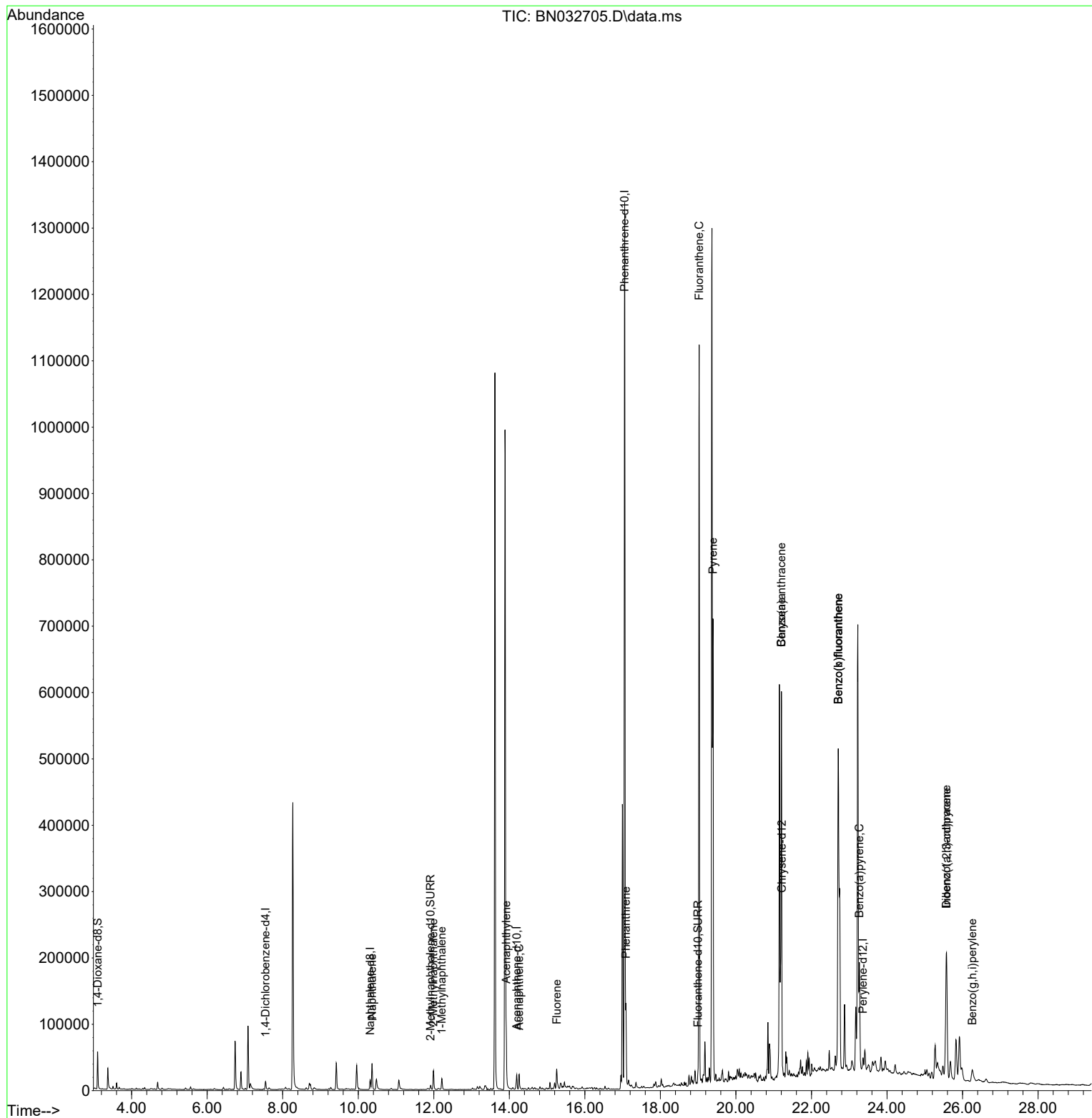
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	6852	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.315	136	20516	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.196	164	12086	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.053	188	1555264	0.400	ng/ul	0.06
17) Chrysene-d12	21.216	240	742	0.400	ng/ul	# 0.02
23) Perylene-d12	23.364	264	27436	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	36599	4.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	9488	0.306	ng/ul	-0.06
18) Fluoranthene-d10	18.993	212	21137	8.741	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.364	128	54877	0.996	ng/ul	97
7) 2-Methylnaphthalene	11.992	142	22650	0.659	ng/ul	97
8) 1-Methylnaphthalene	12.212	142	12688	0.357	ng/ul	99
10) Acenaphthylene	13.919	152	100508	2.058	ng/ul	99
11) Acenaphthene	14.261	153	14446	0.358	ng/ul	100
12) Fluorene	15.256	166	22305	0.483	ng/ul#	98
15) Phenanthrene	17.087	178	123064	0.029	ng/ul	99
19) Fluoranthene	19.026	202	952316	315.669	ng/ul	98
20) Pyrene	19.393	202	576699	184.682	ng/ul	97
21) Benzo(a)anthracene	21.204	228	572429	242.361	ng/ul	94
22) Chrysene	21.204	228	573071	167.723	ng/ul	96
24) Benzo(b)fluoranthene	22.709	252	1071760	11.071	ng/ul	93
25) Benzo(k)fluoranthene	22.709	252	864628	7.329	ng/ul#	93
26) Benzo(a)pyrene	23.268	252	214283	2.558	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.575	276	255878	2.256	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.571	278	118455	1.347	ng/ul#	86
29) Benzo(g,h,i)perylene	26.259	276	35803	0.378	ng/ul#	76

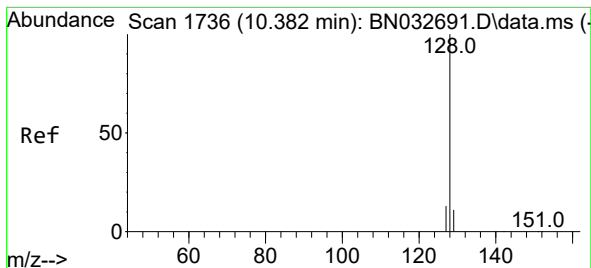
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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#5

Naphthalene

Concen: 0.996 ng/ul

RT: 10.364 min Scan# 1733

Delta R.T. -0.045 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

Instrument :

BNA_N

ClientSampleId :

A4CZ2

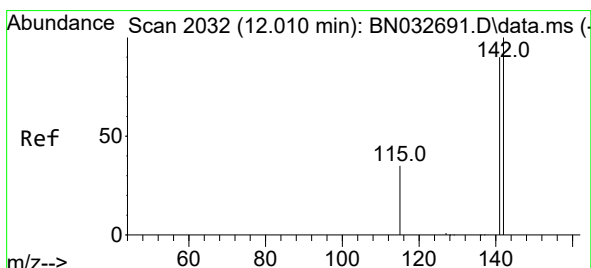
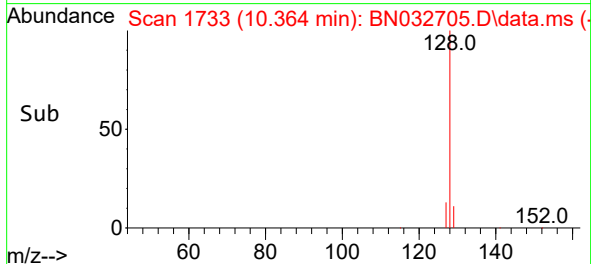
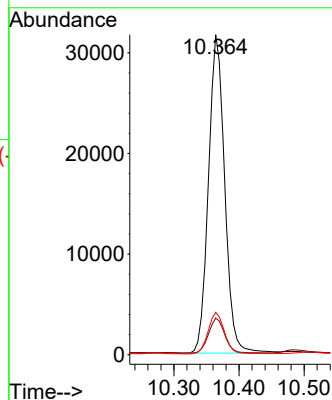
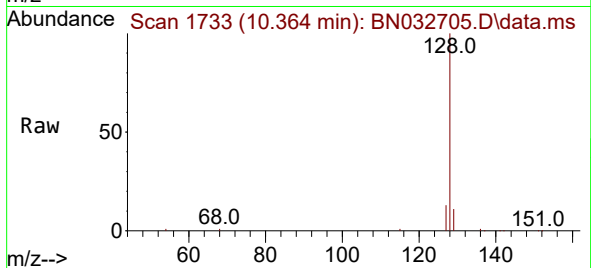
Tgt Ion:128 Resp: 54877

Ion Ratio Lower Upper

128 100

129 11.4 10.0 15.0

127 13.2 11.6 17.4



#7

2-Methylnaphthalene

Concen: 0.659 ng/ul

RT: 11.992 min Scan# 2029

Delta R.T. -0.056 min

Lab File: BN032705.D

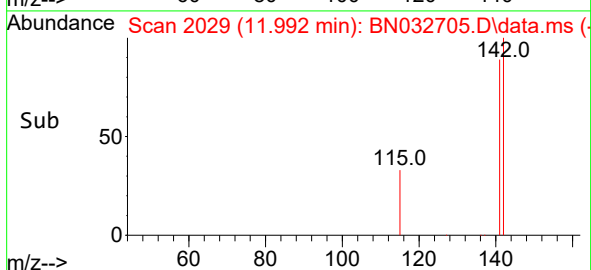
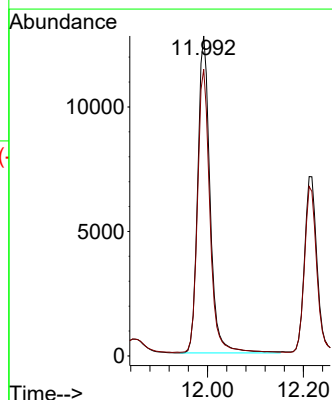
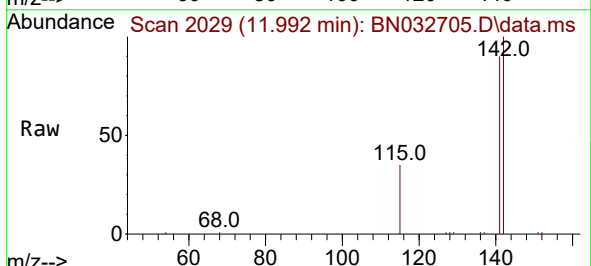
Acq: 13 Jul 2024 12:06

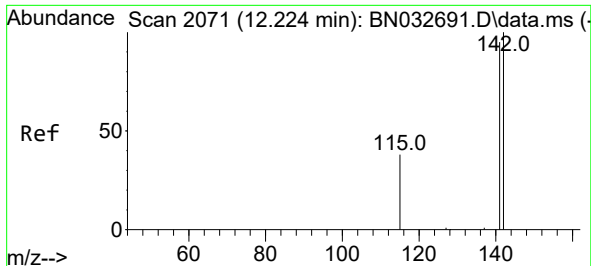
Tgt Ion:142 Resp: 22650

Ion Ratio Lower Upper

142 100

141 89.2 74.0 111.0

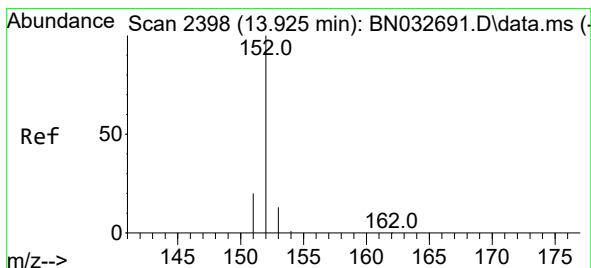
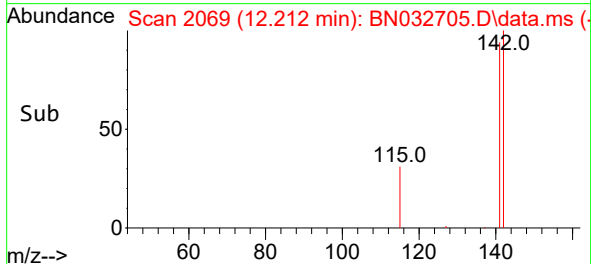
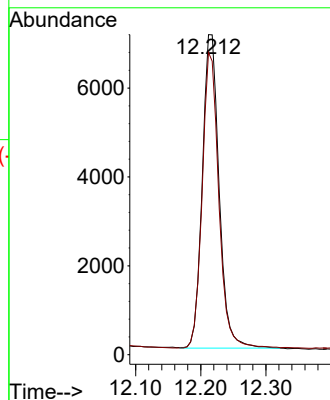
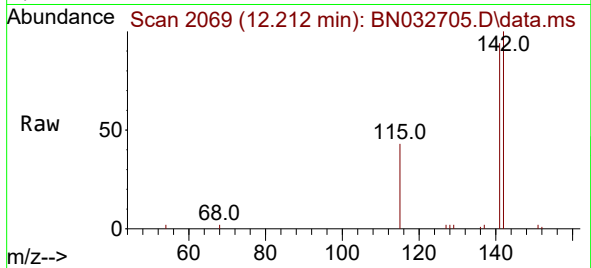




#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.034 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

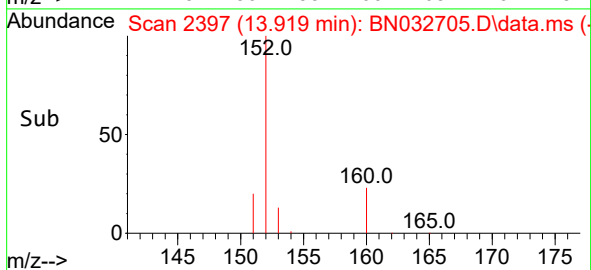
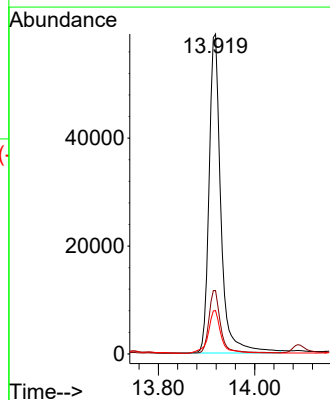
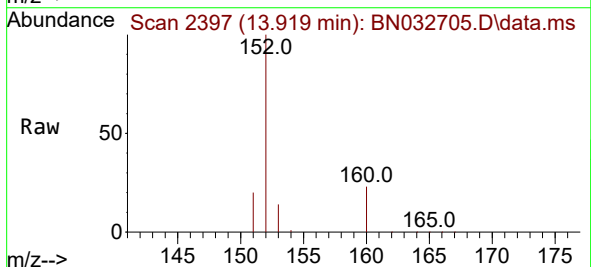
Instrument :
BNA_N
ClientSampleId :
A4CZ2

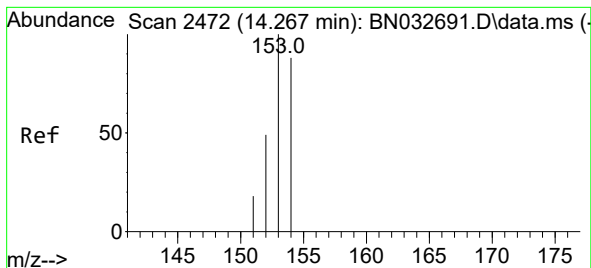
Tgt Ion:142 Resp: 12688
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4



#10
Acenaphthylene
Concen: 2.058 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.024 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Tgt Ion:152 Resp: 100508
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.5 11.3 16.9





#11

Acenaphthene

Concen: 0.358 ng/ul

RT: 14.261 min Scan# 2471

Delta R.T. -0.020 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

Instrument :

BNA_N

ClientSampleId :

A4CZ2

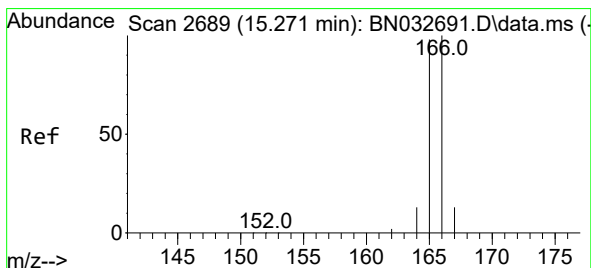
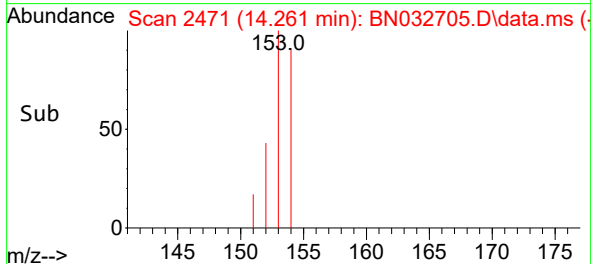
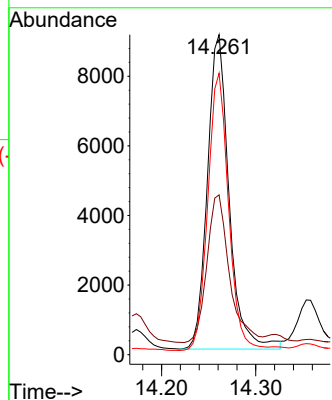
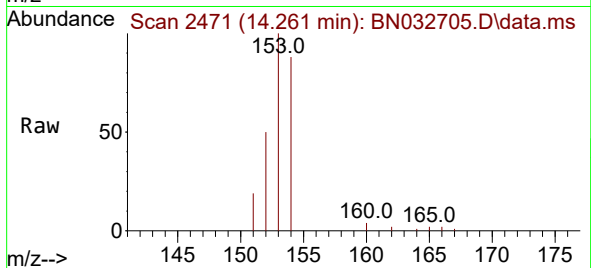
Tgt Ion:153 Resp: 14446

Ion Ratio Lower Upper

153 100

152 49.9 40.0 60.0

154 88.0 70.2 105.4



#12

Fluorene

Concen: 0.483 ng/ul

RT: 15.256 min Scan# 2686

Delta R.T. -0.034 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

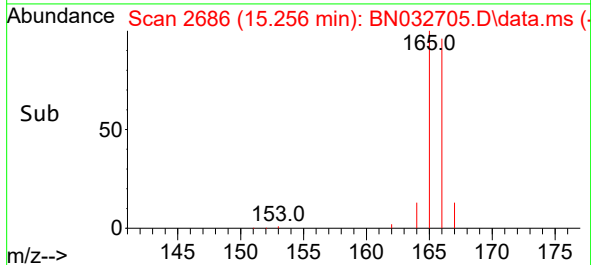
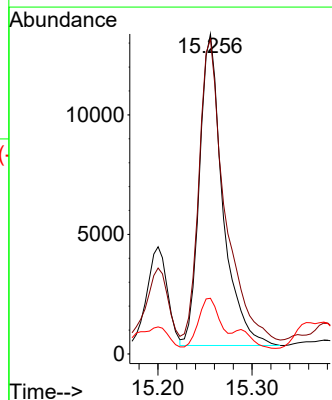
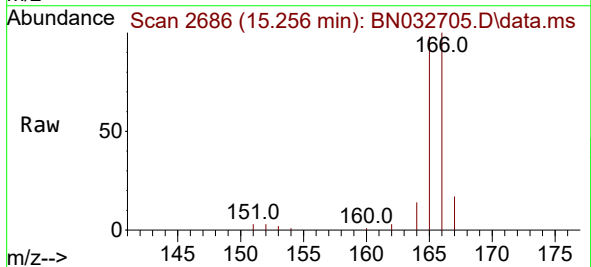
Tgt Ion:166 Resp: 22305

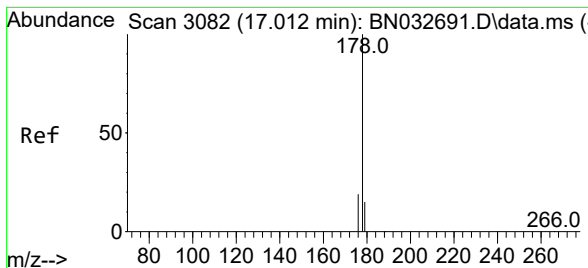
Ion Ratio Lower Upper

166 100

165 98.3 79.7 119.5

167 17.4 11.4 17.2#





#15

Phenanthrene

Concen: 0.029 ng/ul

RT: 17.087 min Scan# 3100

Delta R.T. 0.058 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

Instrument :

BNA_N

ClientSampleId :

A4CZ2

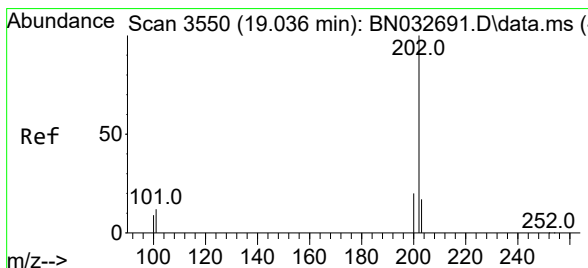
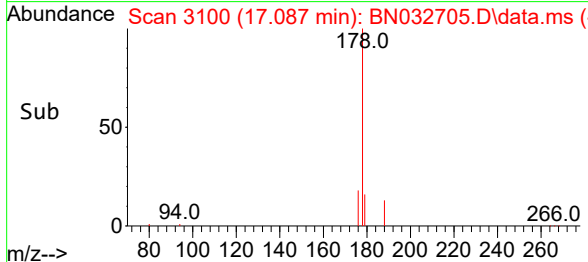
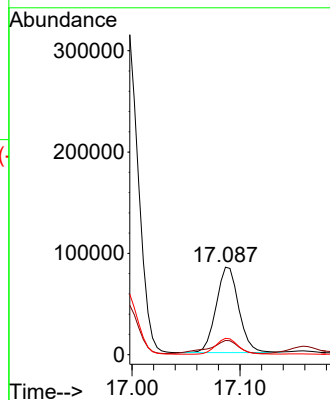
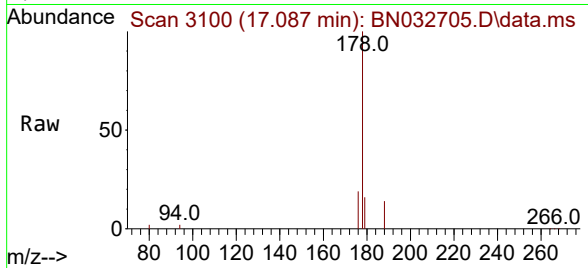
Tgt Ion:178 Resp: 123064

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

176 18.6 15.6 23.4



#19

Fluoranthene

Concen: 315.669 ng/ul

RT: 19.026 min Scan# 3548

Delta R.T. -0.029 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

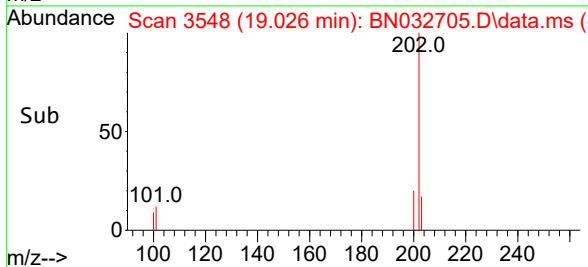
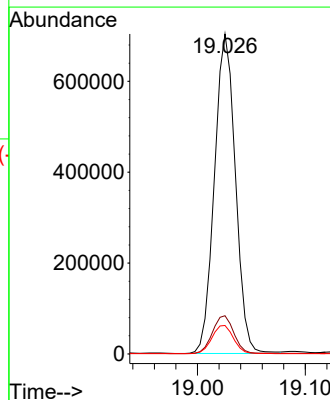
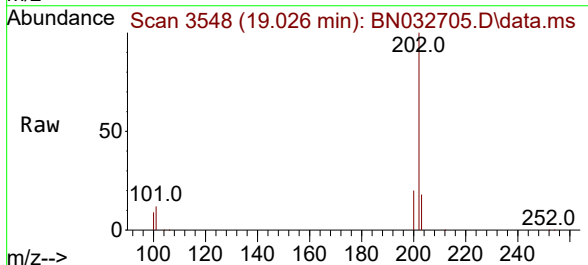
Tgt Ion:202 Resp: 952316

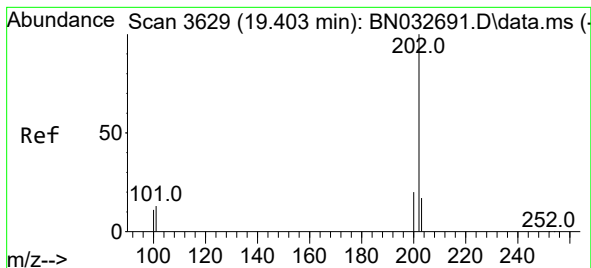
Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 8.9 7.9 11.9





#20

Pyrene

Concen: 184.682 ng/ul

RT: 19.393 min Scan# 30

Delta R.T. -0.029 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

Instrument :

BNA_N

ClientSampleId :

A4CZ2

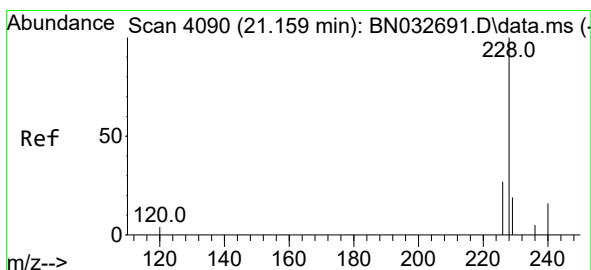
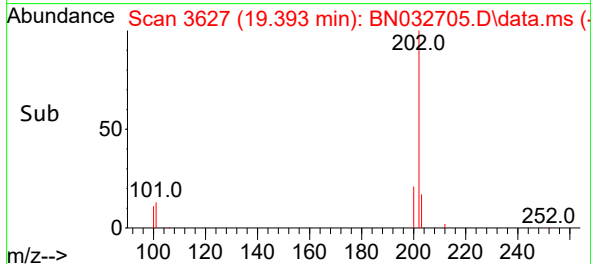
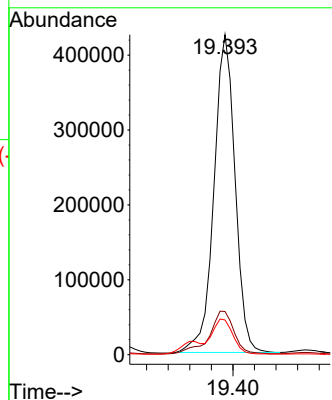
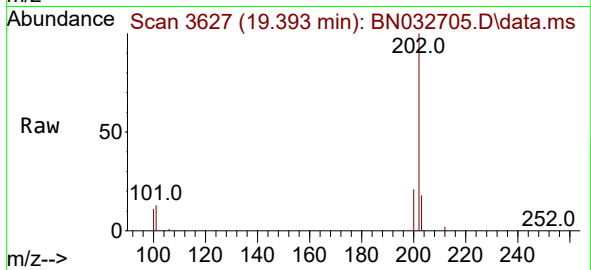
Tgt Ion:202 Resp: 576699

Ion Ratio Lower Upper

202 100

101 13.5 11.8 17.6

100 10.8 9.6 14.4



#21

Benzo(a)anthracene

Concen: 242.361 ng/ul

RT: 21.204 min Scan# 4106

Delta R.T. 0.022 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

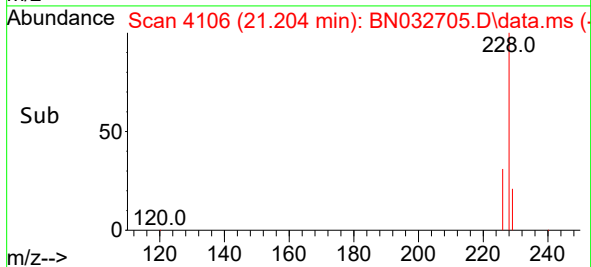
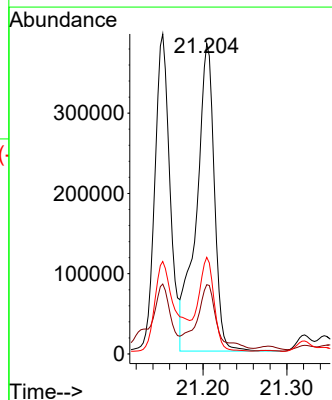
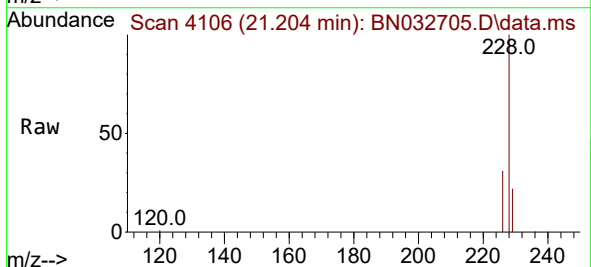
Tgt Ion:228 Resp: 572429

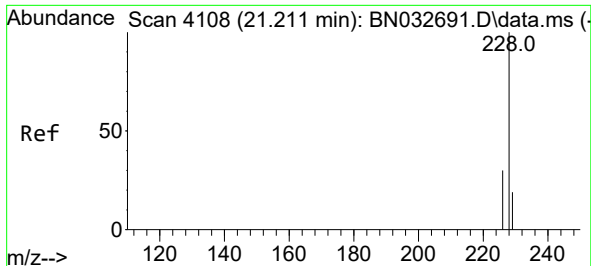
Ion Ratio Lower Upper

228 100

229 22.3 16.1 24.1

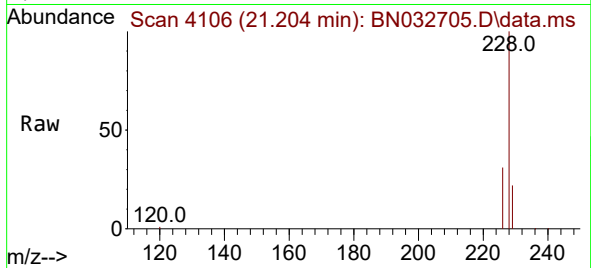
226 31.2 21.9 32.9



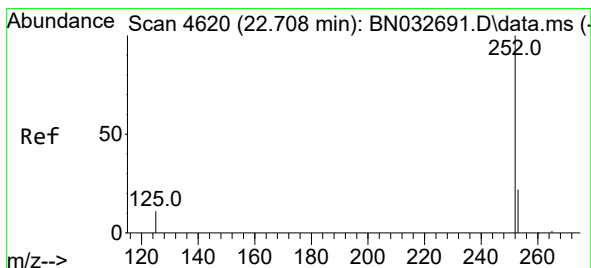
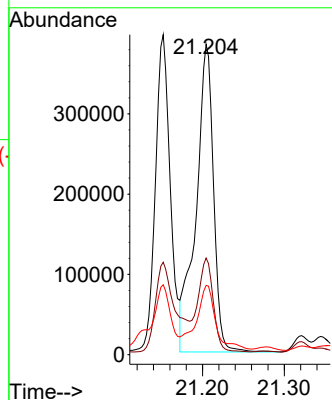
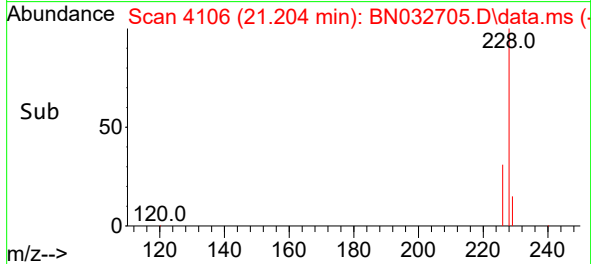


#22
Chrysene
Concen: 167.723 ng/ul
RT: 21.204 min Scan# 4108
Delta R.T. -0.027 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
A4CZ2

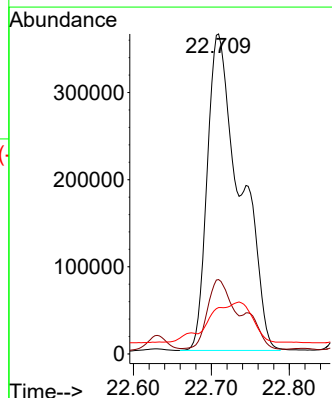
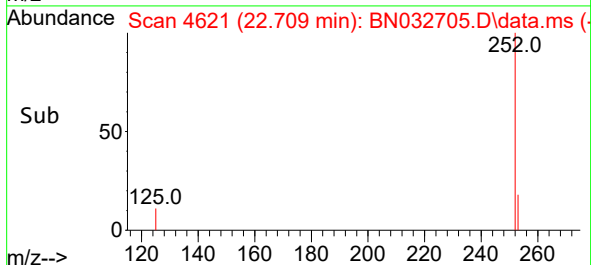
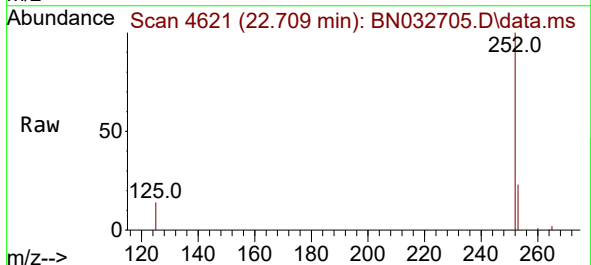


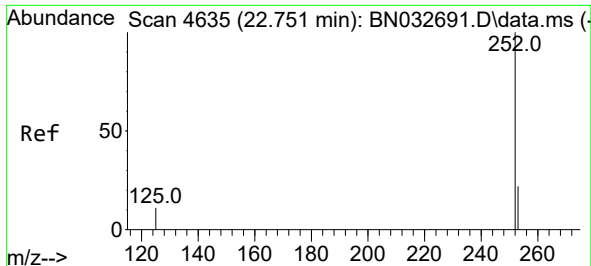
Tgt Ion:228 Resp: 573071
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.3 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 11.071 ng/ul
RT: 22.709 min Scan# 4621
Delta R.T. -0.025 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

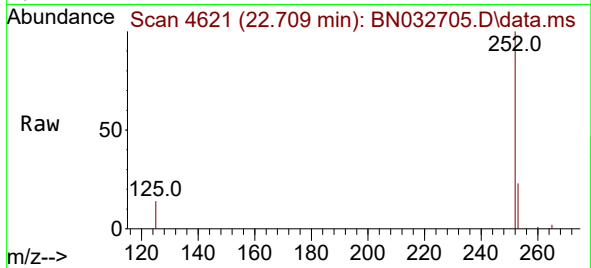
Tgt Ion:252 Resp: 1071760
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 14.5 0.0 36.0



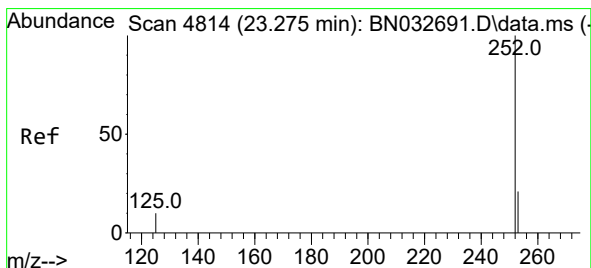
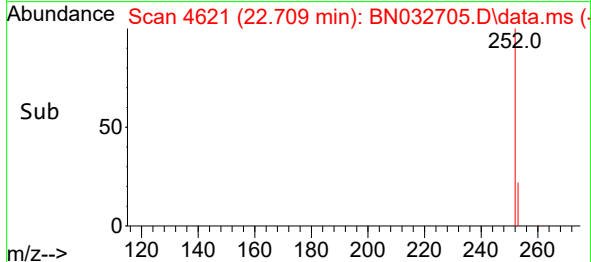
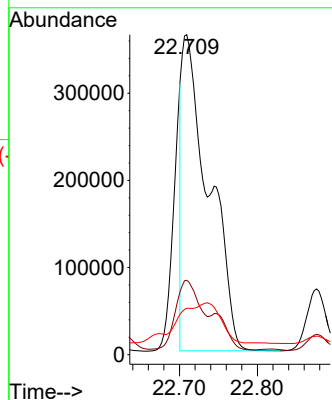


#25
Benzo(k)fluoranthene
Concen: 7.329 ng/ul
RT: 22.709 min Scan# 4621
Delta R.T. -0.068 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
A4CZ2

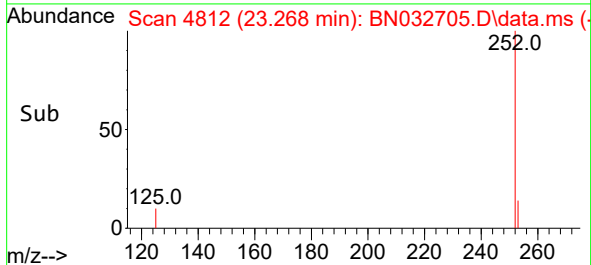
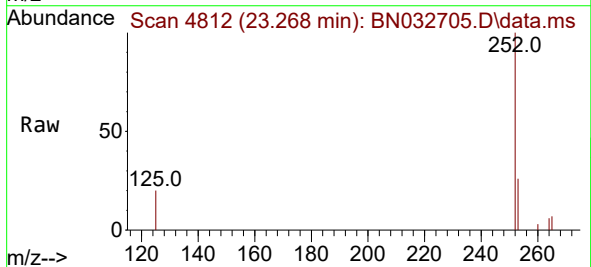
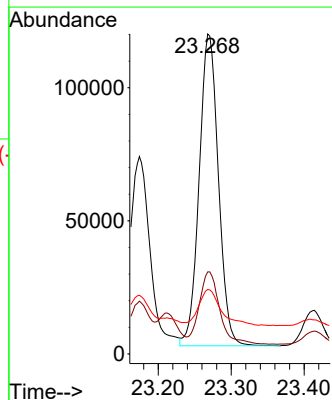


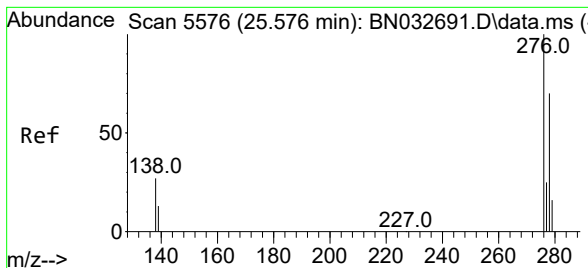
Tgt Ion:252 Resp: 864628
Ion Ratio Lower Upper
252 100
253 23.3 21.2 31.8
125 14.5 14.8 22.2#



#26
Benzo(a)pyrene
Concen: 2.558 ng/ul
RT: 23.268 min Scan# 4812
Delta R.T. -0.042 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Tgt Ion:252 Resp: 214283
Ion Ratio Lower Upper
252 100
253 25.6 25.4 38.0
125 20.2 20.6 30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.256 ng/ul

RT: 25.575 min Scan# 5576

Delta R.T. -0.052 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

Instrument :

BNA_N

ClientSampleId :

A4CZ2

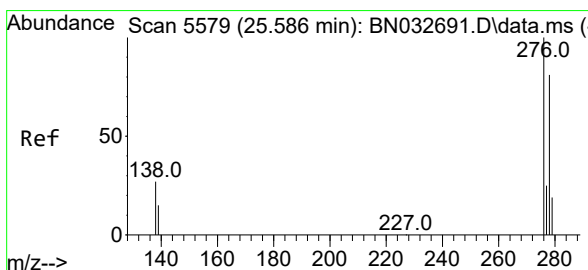
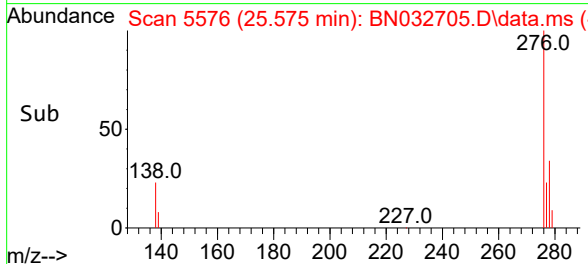
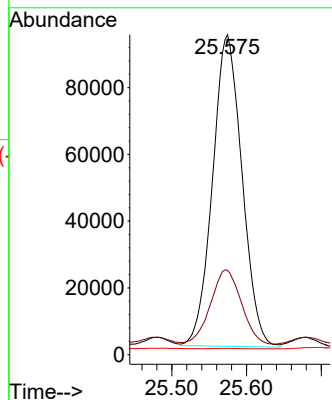
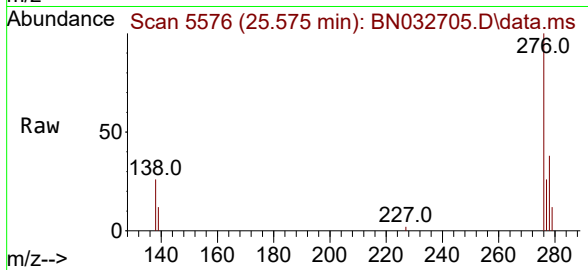
Tgt Ion:276 Resp: 255878

Ion Ratio Lower Upper

276 100

138 25.0 21.6 32.4

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 1.347 ng/ul

RT: 25.571 min Scan# 5575

Delta R.T. -0.068 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

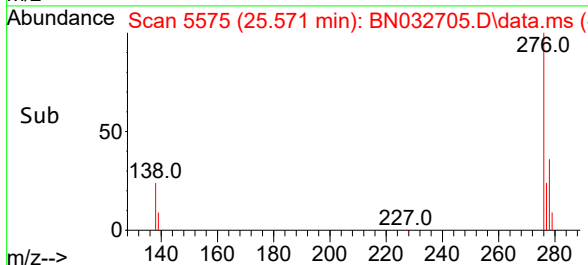
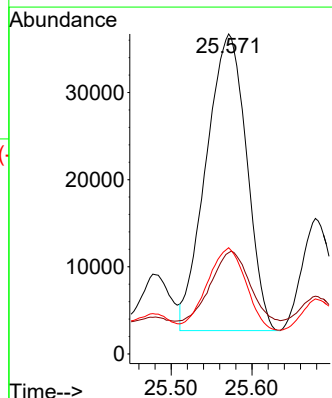
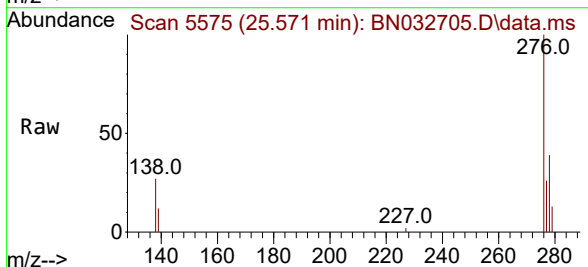
Tgt Ion:278 Resp: 118455

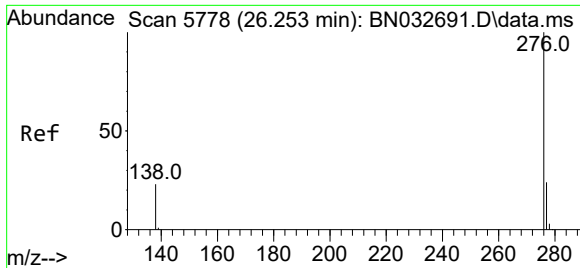
Ion Ratio Lower Upper

278 100

139 31.7 16.6 24.8#

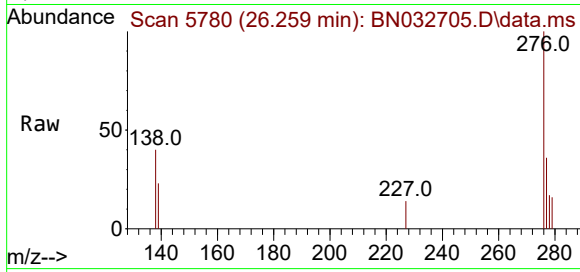
279 33.2 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.259 min Scan# 51
Delta R.T. -0.041 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
A4CZ2



Tgt Ion:276 Resp: 35803
Ion Ratio Lower Upper
276 100
138 40.1 21.0 31.4#
277 36.4 20.6 31.0#

