

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023344.D
 Acq On : 22 Dec 2022 18:06
 Operator : CG/JU
 Sample : N6003-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ2

Quant Time: Dec 22 23:54:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

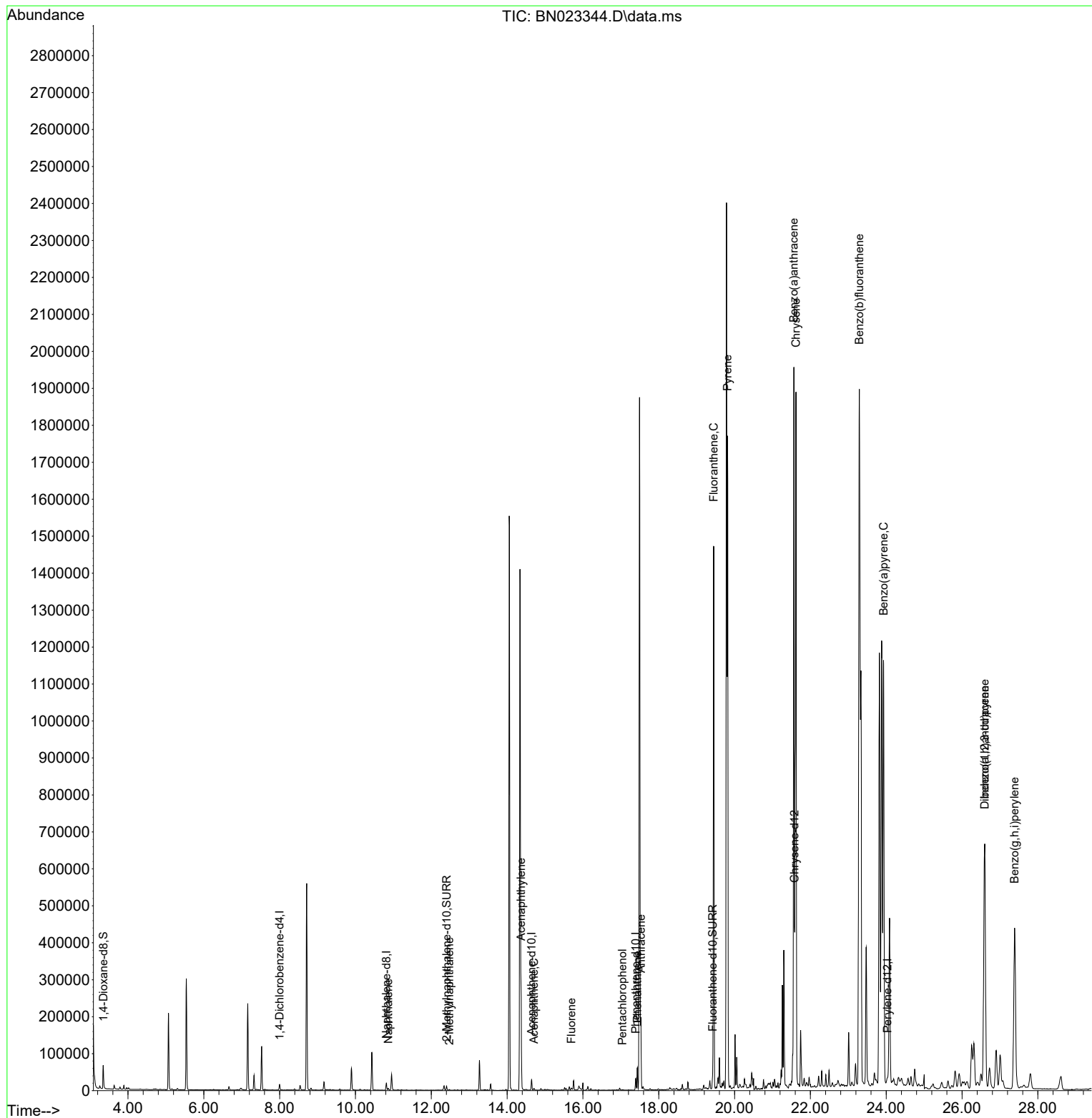
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	7327	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	24365	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	14881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.393	188	35259	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	24626	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	25747	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	41154	5.169	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	13456	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	33837	0.380	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.863	128	6088	0.085	ng/ul#	95
7) 2-Methylnaphthalene	12.475	142	1342	0.029	ng/ul	99
10) Acenaphthylene	14.366	152	272063	4.126	ng/ul	99
11) Acenaphthene	14.709	153	2171	0.039	ng/ul#	92
12) Fluorene	15.694	166	4886	0.078	ng/ul#	96
14) Pentachlorophenol	17.038	266	333	0.034	ng/ul	99
15) Phenanthrene	17.435	178	62179	0.542	ng/ul	100
16) Anthracene	17.528	178	194761	2.045	ng/ul	99
19) Fluoranthene	19.451	202	1230071	10.296	ng/ul	98
20) Pyrene	19.814	202	1391238	11.552	ng/ul	100
21) Benzo(a)anthracene	21.564	228	1796707	18.739	ng/ul	97
22) Chrysene	21.619	228	2172861	22.285	ng/ul	98
24) Benzo(b)fluoranthene	23.291	252	4809539	36.117	ng/ul	94
26) Benzo(a)pyrene	23.928	252	1659819	15.741	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.597	276	1167390	9.486	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.601	278	278132	2.913	ng/ul	97
29) Benzo(g,h,i)perylene	27.386	276	946967	9.440	ng/ul	98

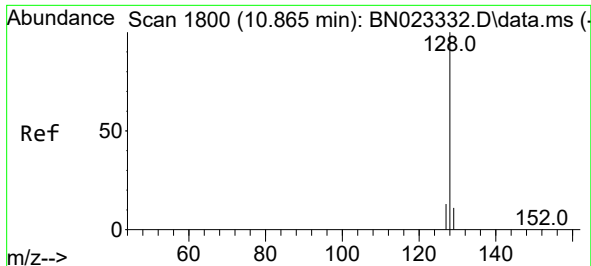
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

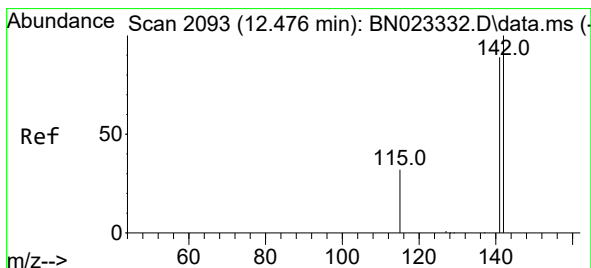
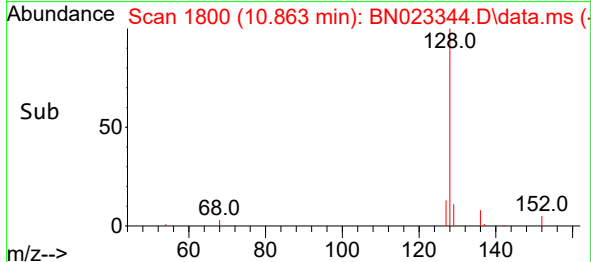
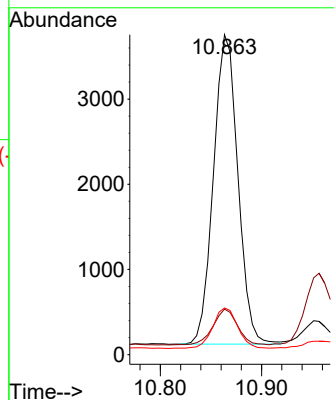
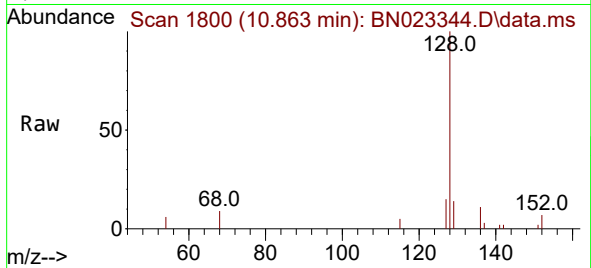




#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.863 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

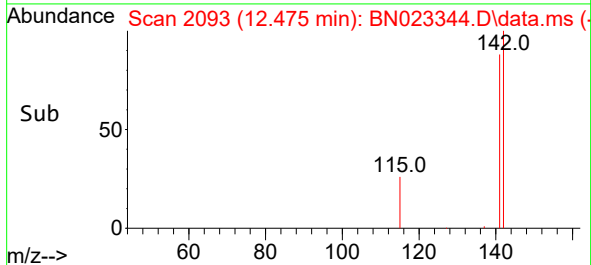
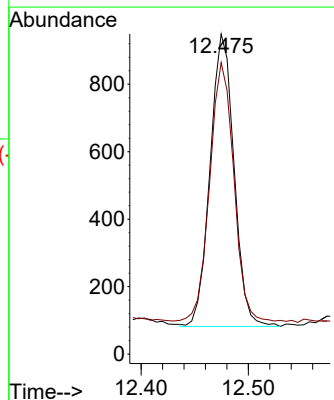
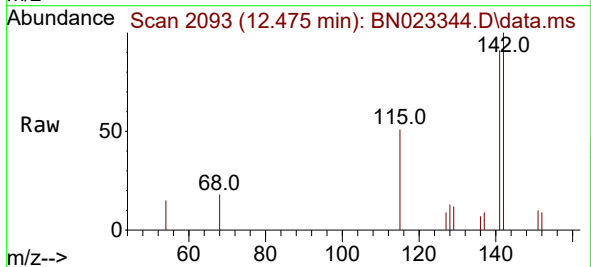
Instrument :
BNA_N
ClientSampleId :
DBXQ2

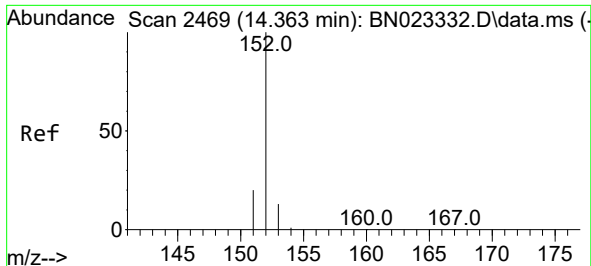
Tgt Ion:128 Resp: 6088
Ion Ratio Lower Upper
128 100
129 14.2 9.0 13.4#
127 14.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.475 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

Tgt Ion:142 Resp: 1342
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2

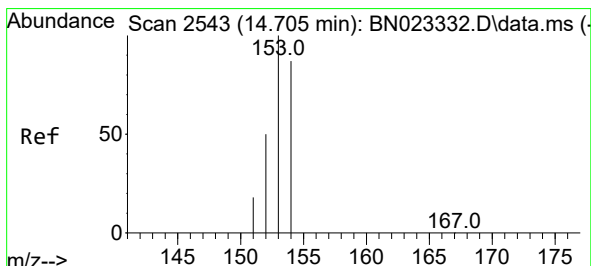
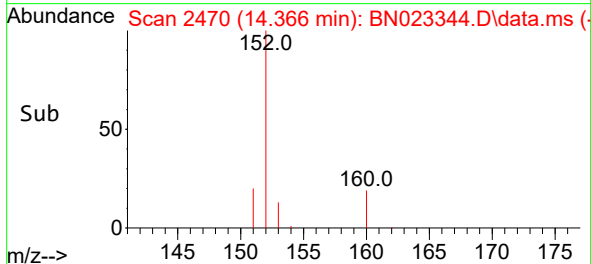
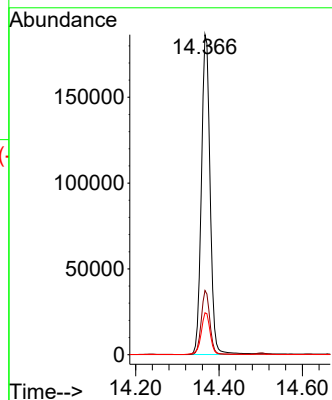
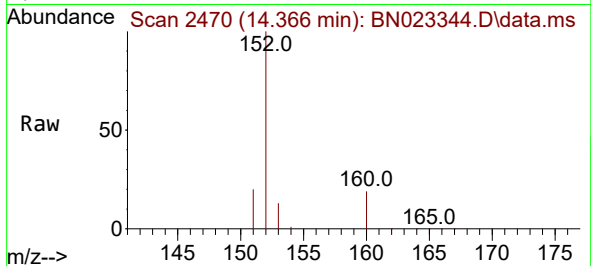




#10
Acenaphthylene
Concen: 4.126 ng/ul
RT: 14.366 min Scan# 2469
Delta R.T. -0.002 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

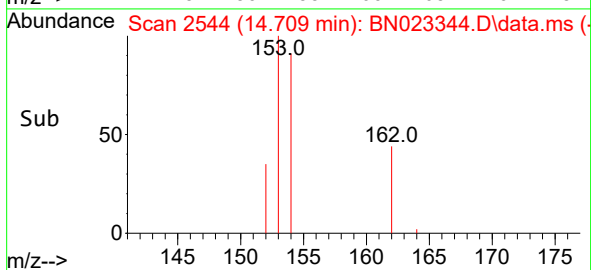
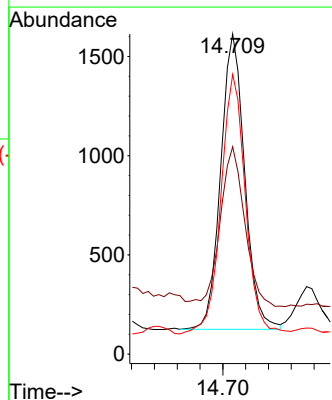
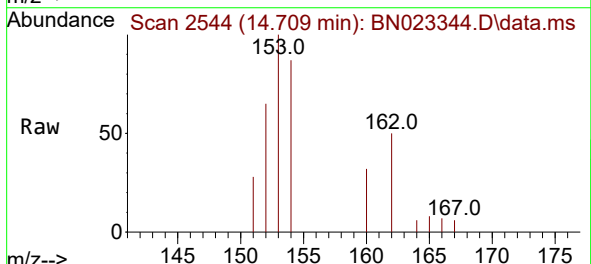
Instrument :
BNA_N
ClientSampleId :
DBXQ2

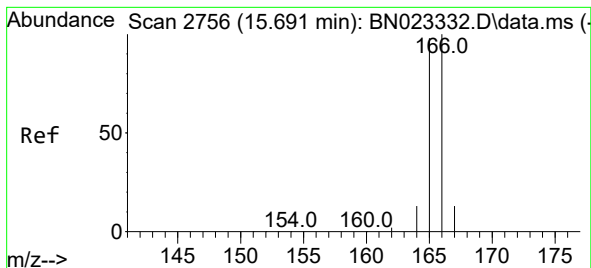
Tgt Ion:152 Resp: 272063
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.9 16.3



#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.709 min Scan# 2544
Delta R.T. 0.002 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

Tgt Ion:153 Resp: 2171
Ion Ratio Lower Upper
153 100
152 64.7 41.0 61.4#
154 87.4 69.5 104.3





#12

Fluorene

Concen: 0.078 ng/ul

RT: 15.694 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN023344.D

Acq: 22 Dec 2022 18:06

Instrument :

BNA_N

ClientSampleId :

DBXQ2

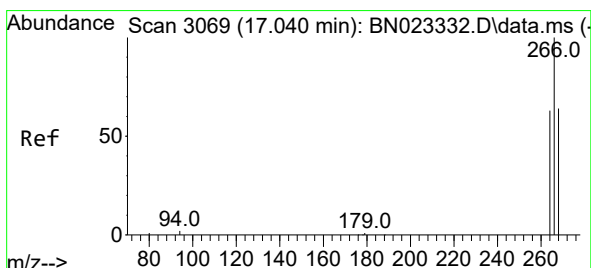
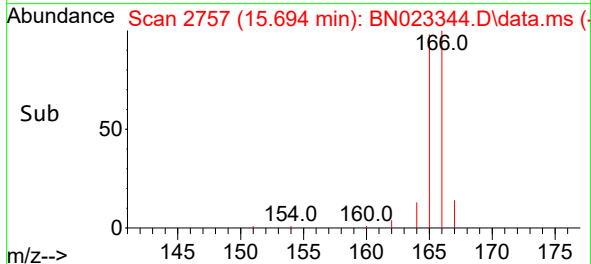
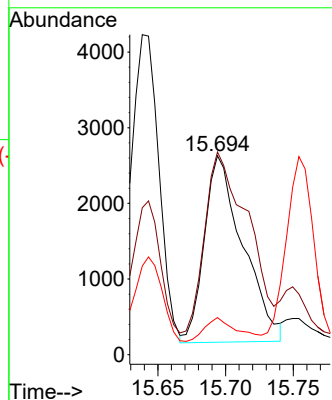
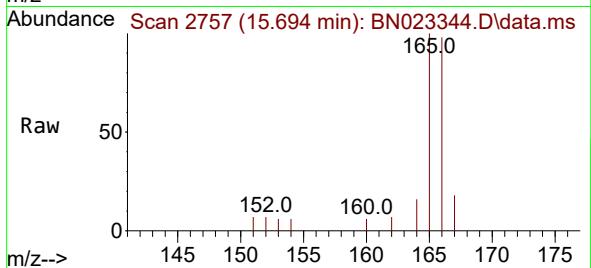
Tgt Ion:166 Resp: 4886

Ion Ratio Lower Upper

166 100

165 101.9 79.1 118.7

167 18.6 11.0 16.4#



#14

Pentachlorophenol

Concen: 0.034 ng/ul

RT: 17.038 min Scan# 3069

Delta R.T. -0.002 min

Lab File: BN023344.D

Acq: 22 Dec 2022 18:06

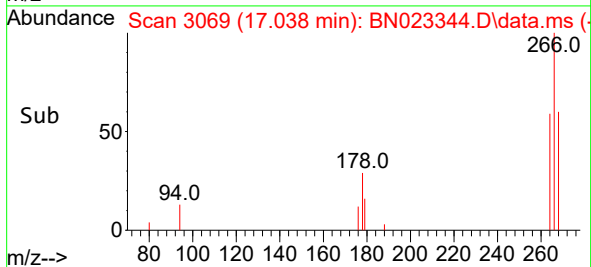
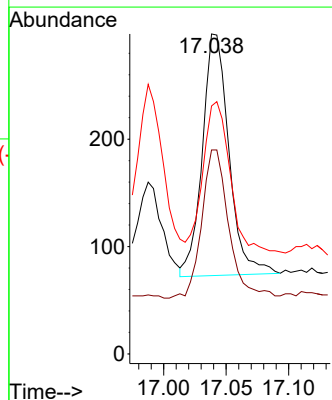
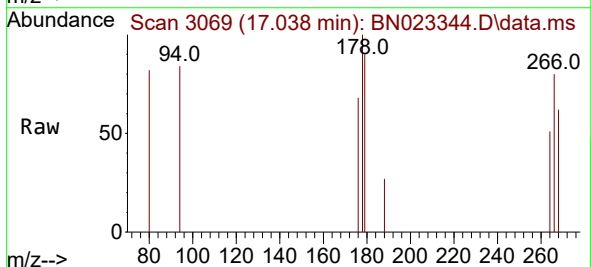
Tgt Ion:266 Resp: 333

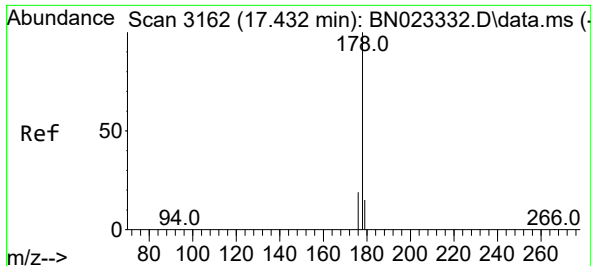
Ion Ratio Lower Upper

266 100

264 62.5 49.8 74.6

268 65.2 51.4 77.0

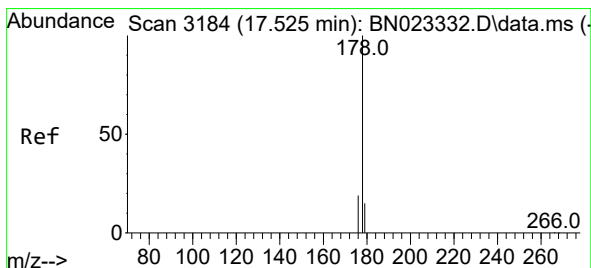
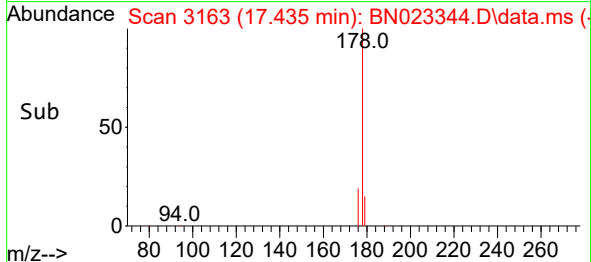
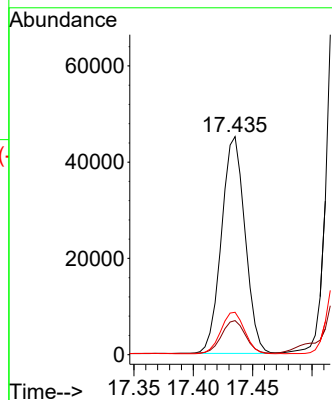
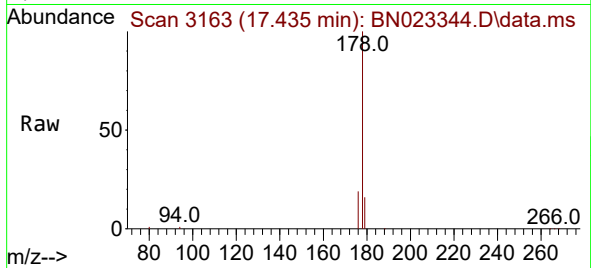




#15
Phenanthrene
Concen: 0.542 ng/ul
RT: 17.435 min Scan# 3163
Delta R.T. 0.002 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

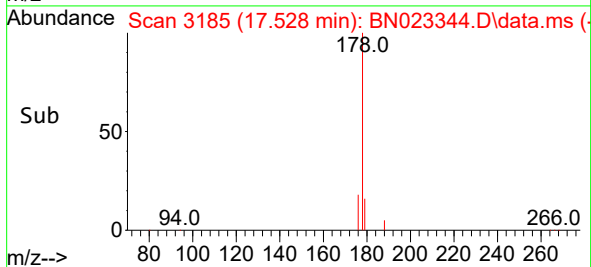
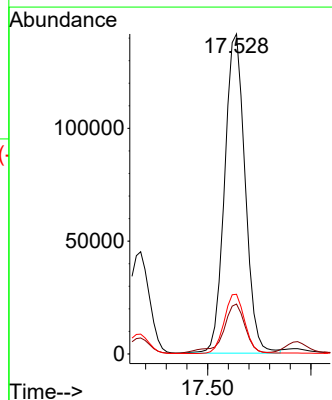
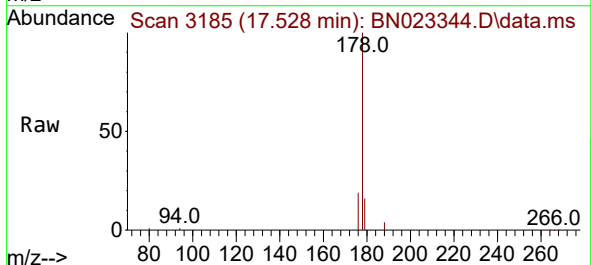
Instrument :
BNA_N
ClientSampleId :
DBXQ2

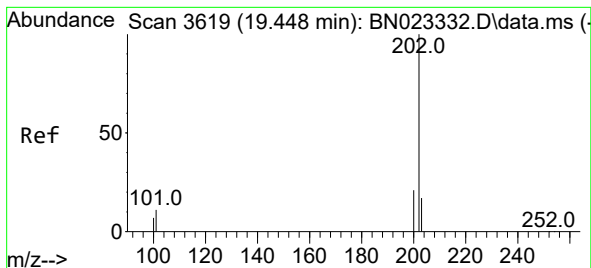
Tgt Ion:178 Resp: 62179
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.4 15.7 23.5



#16
Anthracene
Concen: 2.045 ng/ul
RT: 17.528 min Scan# 3185
Delta R.T. 0.002 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

Tgt Ion:178 Resp: 194761
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.7 15.4 23.0





#19

Fluoranthene

Concen: 10.296 ng/ul

RT: 19.451 min Scan# 3620

Delta R.T. 0.002 min

Lab File: BN023344.D

Acq: 22 Dec 2022 18:06

Instrument :

BNA_N

ClientSampleId :

DBXQ2

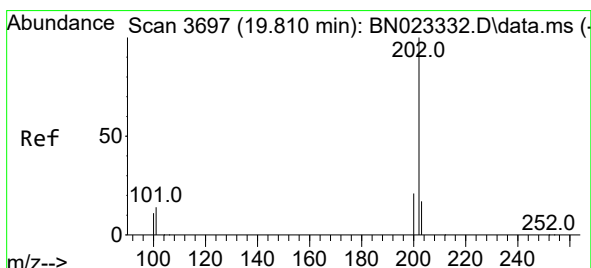
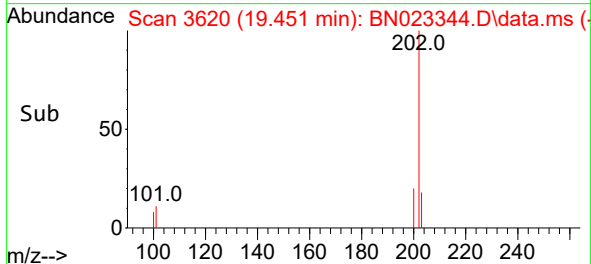
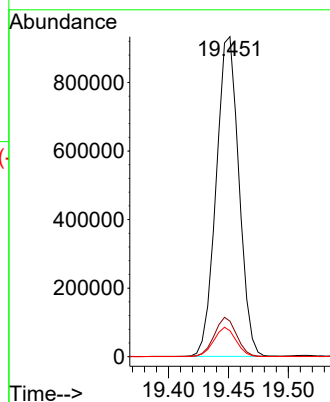
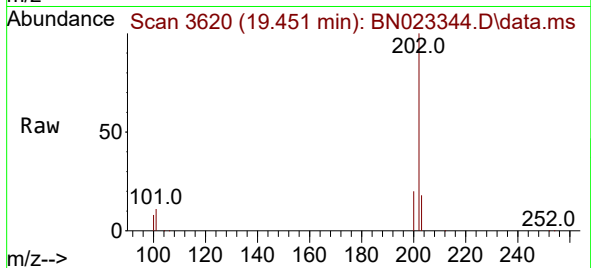
Tgt Ion:202 Resp: 1230071

Ion Ratio Lower Upper

202 100

101 11.1 9.4 14.2

100 8.1 7.0 10.6



#20

Pyrene

Concen: 11.552 ng/ul

RT: 19.814 min Scan# 3698

Delta R.T. 0.002 min

Lab File: BN023344.D

Acq: 22 Dec 2022 18:06

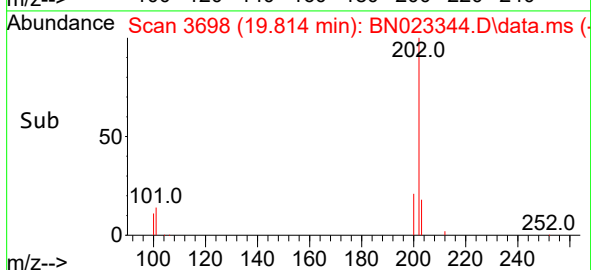
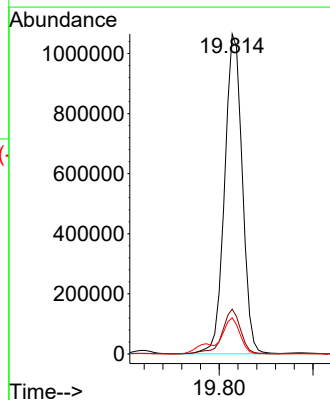
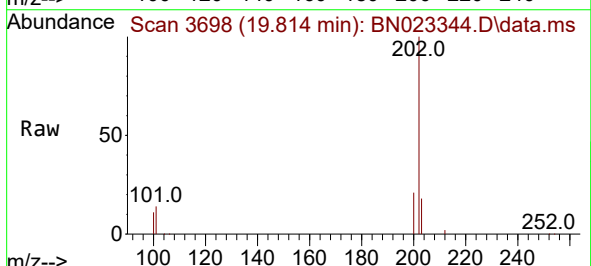
Tgt Ion:202 Resp: 1391238

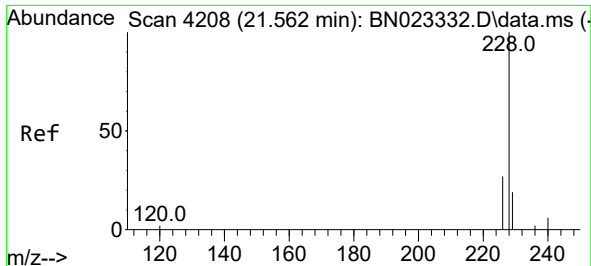
Ion Ratio Lower Upper

202 100

101 14.0 11.3 16.9

100 11.3 9.0 13.4

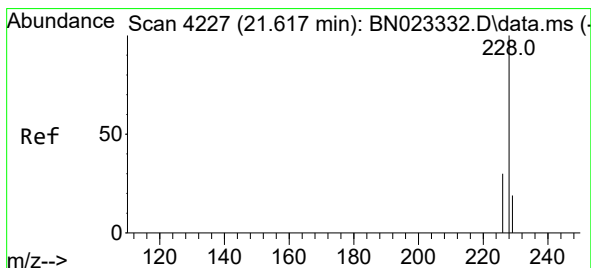
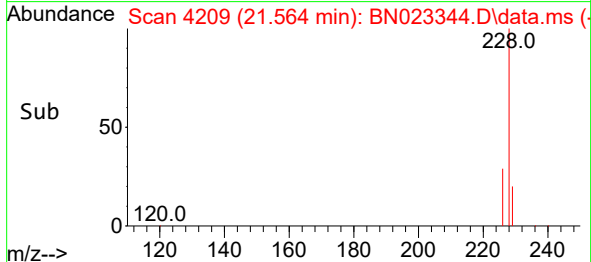
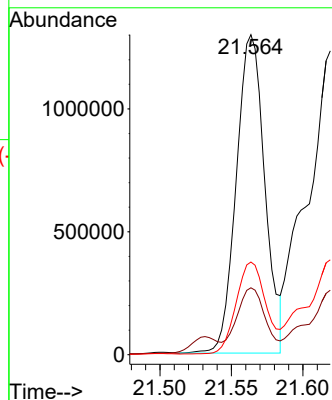
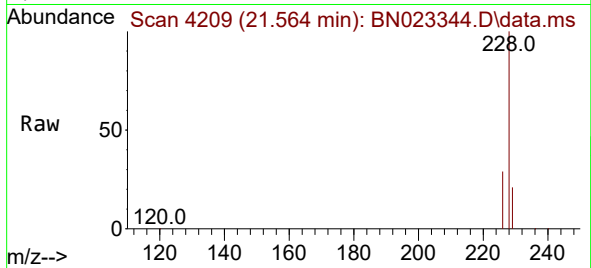




#21
Benzo(a)anthracene
Concen: 18.739 ng/ul
RT: 21.564 min Scan# 4208
Delta R.T. 0.002 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

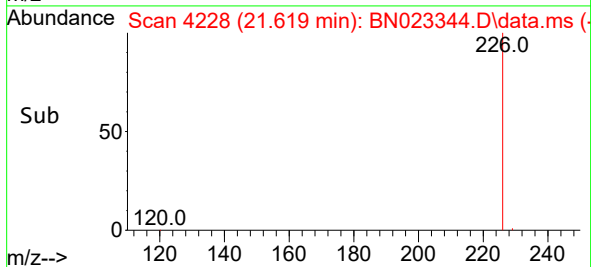
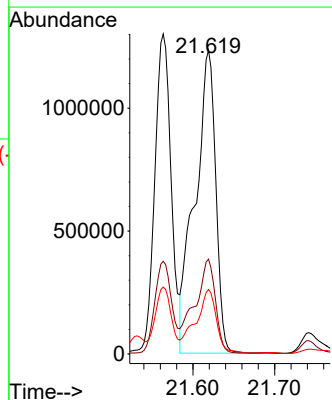
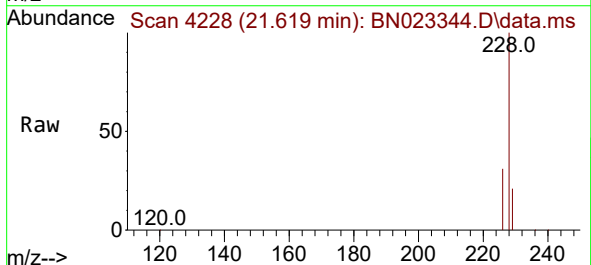
Instrument :
BNA_N
ClientSampleId :
DBXQ2

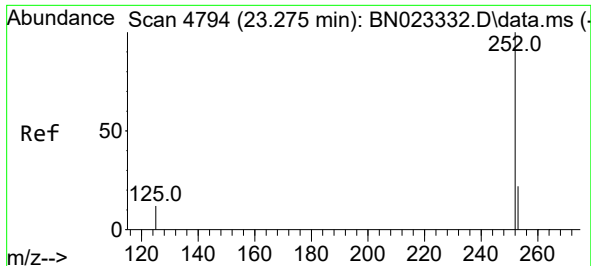
Tgt Ion:228 Resp: 1796707
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.9 22.2 33.2



#22
Chrysene
Concen: 22.285 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.002 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

Tgt Ion:228 Resp: 2172861
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 21.2 15.8 23.6

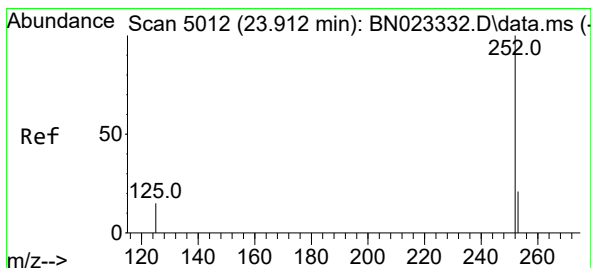
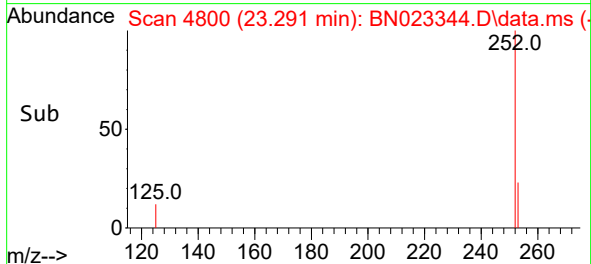
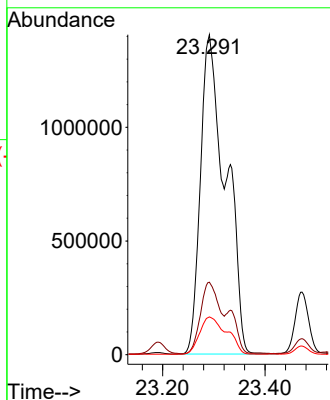
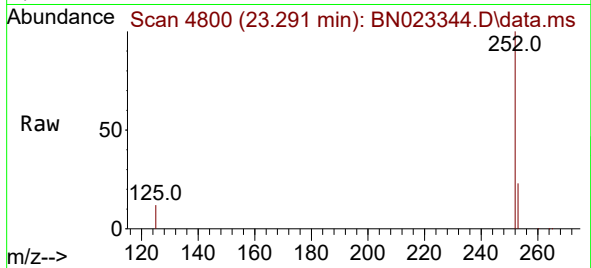




#24
Benzo(b)fluoranthene
Concen: 36.117 ng/ul
RT: 23.291 min Scan# 4794
Delta R.T. 0.017 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

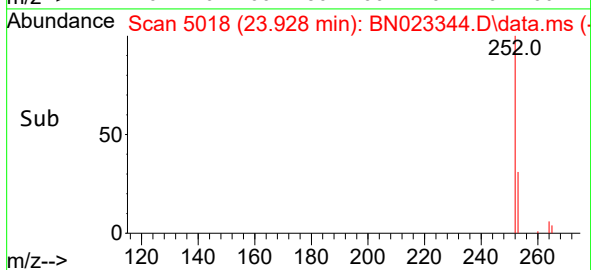
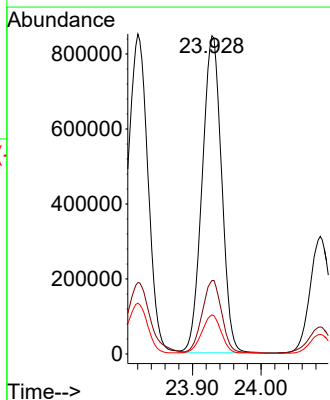
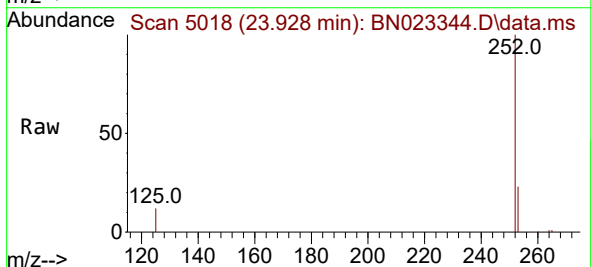
Instrument :
BNA_N
ClientSampleId :
DBXQ2

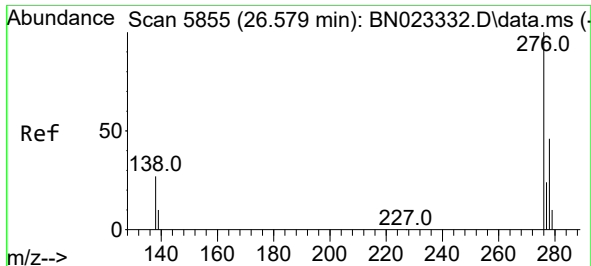
Tgt Ion:252 Resp: 4809539
Ion Ratio Lower Upper
252 100
253 22.6 0.0 49.2
125 11.8 0.0 31.8



#26
Benzo(a)pyrene
Concen: 15.741 ng/ul
RT: 23.928 min Scan# 5018
Delta R.T. 0.014 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

Tgt Ion:252 Resp: 1659819
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 12.3 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 9.486 ng/ul

RT: 26.597 min Scan# 5861

Delta R.T. 0.020 min

Lab File: BN023344.D

Acq: 22 Dec 2022 18:06

Instrument :

BNA_N

ClientSampleId :

DBXQ2

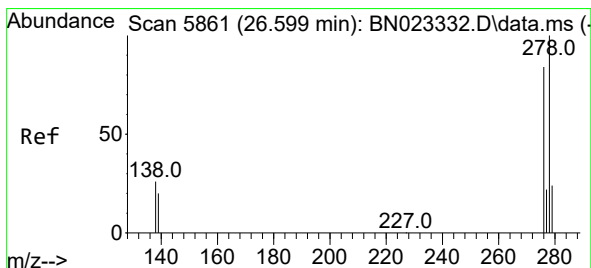
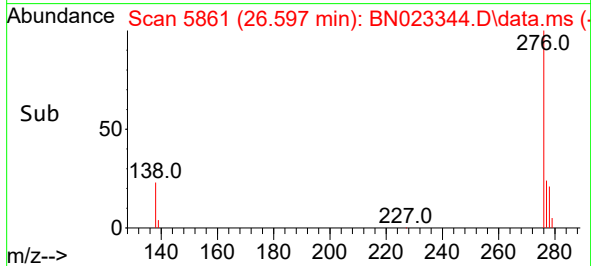
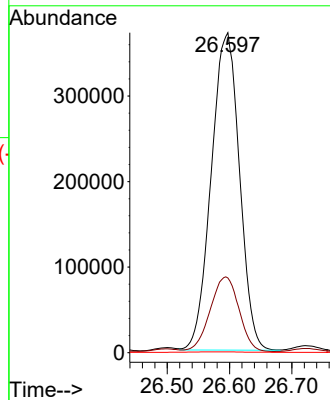
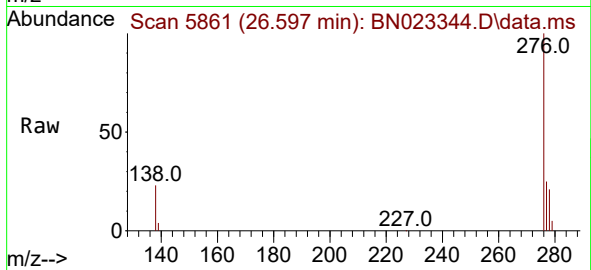
Tgt Ion:276 Resp: 1167390

Ion Ratio Lower Upper

276 100

138 24.0 23.4 35.2

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 2.913 ng/ul

RT: 26.601 min Scan# 5862

Delta R.T. -0.000 min

Lab File: BN023344.D

Acq: 22 Dec 2022 18:06

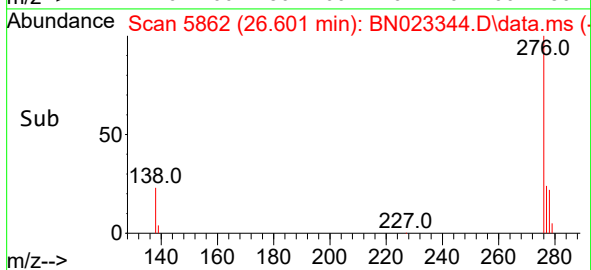
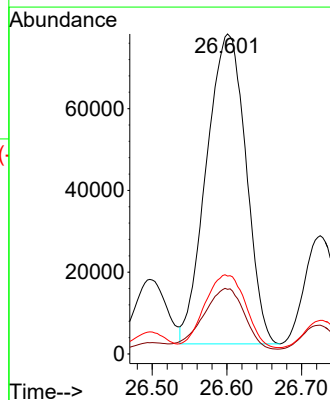
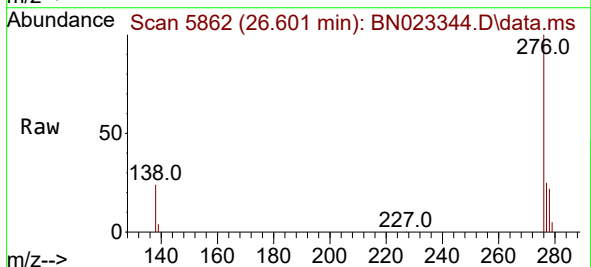
Tgt Ion:278 Resp: 278132

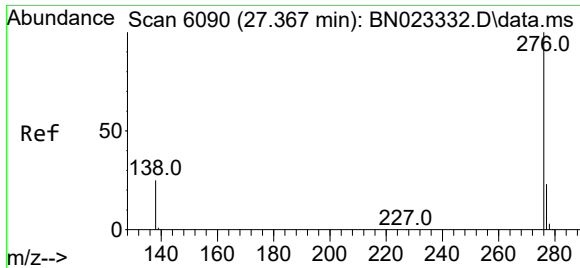
Ion Ratio Lower Upper

278 100

139 20.2 16.6 24.8

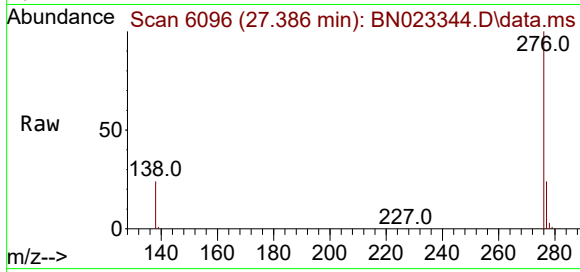
279 24.3 21.3 31.9





#29
Benzo(g,h,i)perylene
Concen: 9.440 ng/ul
RT: 27.386 min Scan# 6096
Delta R.T. 0.016 min
Lab File: BN023344.D
Acq: 22 Dec 2022 18:06

Instrument :
BNA_N
ClientSampleId :
DBXQ2



Tgt Ion:276 Resp: 946967

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.3	30.5
277	23.6	19.7	29.5

