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 Data File : BN026965.D
 Acq On : 18 Aug 2023 18:37
 Operator : MA/JU
 Sample : 03965-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H9

Quant Time: Aug 18 19:10:21 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

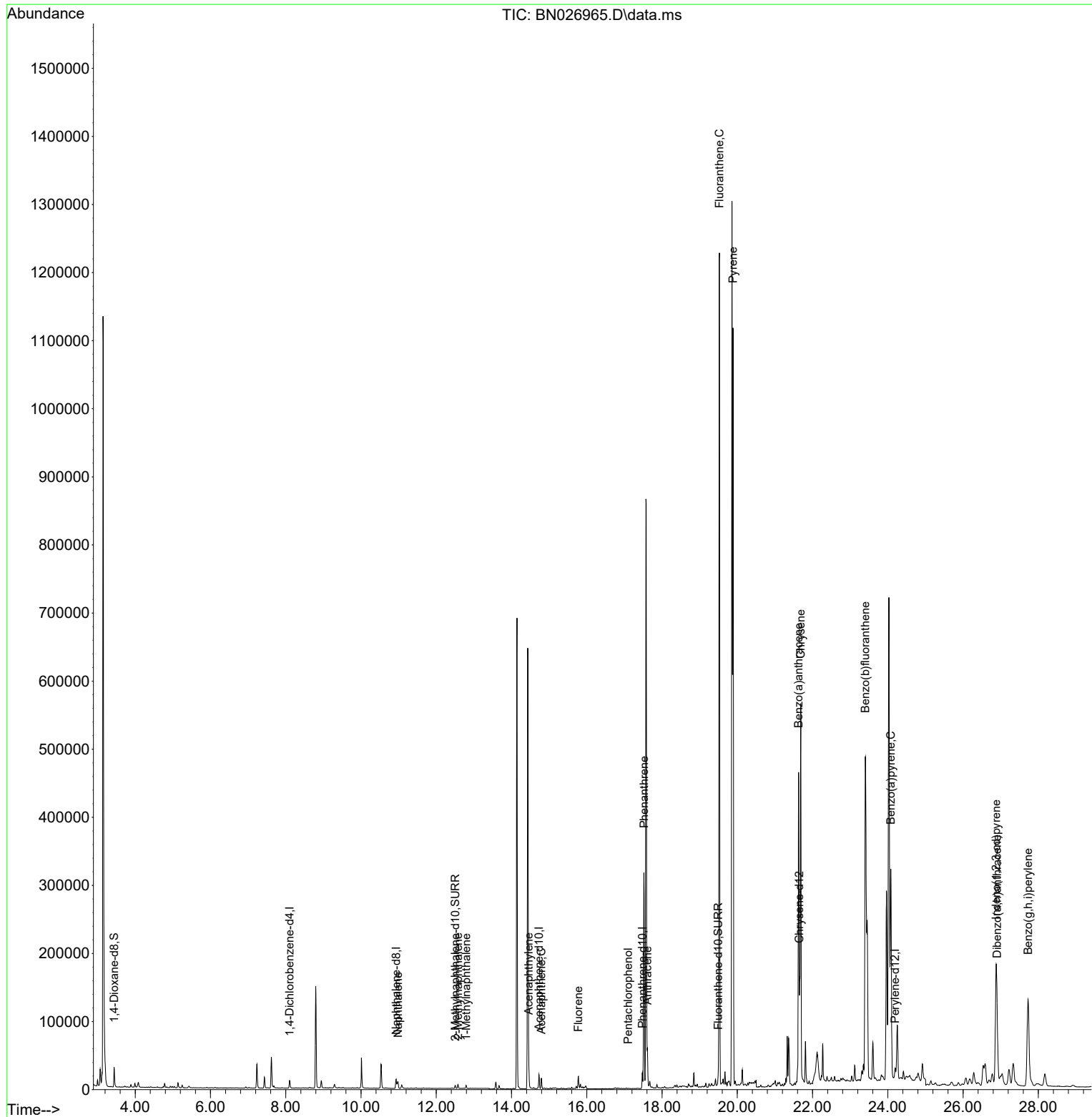
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	5580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	18648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	11331	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.476	188	26308	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	23051	0.400	ng/ul	# 0.00
23) Perylene-d12	24.193	264	22169	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	20048	3.026	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	6063	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	14672	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	11642	0.221	ng/ul	97
7) 2-Methylnaphthalene	12.577	142	4207	0.132	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	3087	0.092	ng/ul	97
10) Acenaphthylene	14.458	152	27530	0.434	ng/ul	99
11) Acenaphthene	14.795	153	8914	0.203	ng/ul	99
12) Fluorene	15.776	166	11577	0.233	ng/ul	97
14) Pentachlorophenol	17.101	266	362	0.049	ng/ul	98
15) Phenanthrene	17.519	178	339386	3.927	ng/ul	100
16) Anthracene	17.611	178	54356	0.696	ng/ul	100
19) Fluoranthene	19.524	202	1049541	10.961	ng/ul	99
20) Pyrene	19.887	202	918289	8.988	ng/ul	99
21) Benzo(a)anthracene	21.629	228	421352	4.596	ng/ul	98
22) Chrysene	21.685	228	586820	6.485	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	1162216	13.860	ng/ul	97
26) Benzo(a)pyrene	24.079	252	481023	6.357	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.881	276	355389	3.590	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.904	278	77877	0.987	ng/ul	92
29) Benzo(g,h,i)perylene	27.726	276	314610	3.817	ng/ul	99

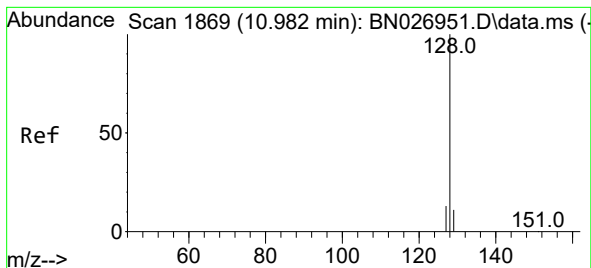
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.221 ng/ul

RT: 10.982 min Scan# 1869

Delta R.T. 0.000 min

Lab File: BN026965.D

Acq: 18 Aug 2023 18:37

Instrument :

BNA_N

ClientSampleId :

A48H9

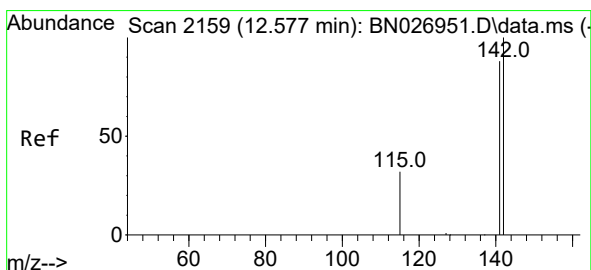
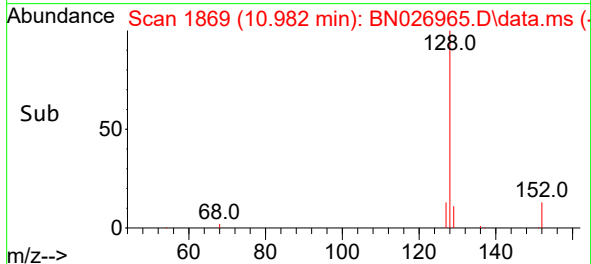
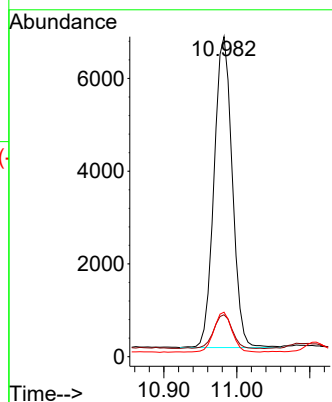
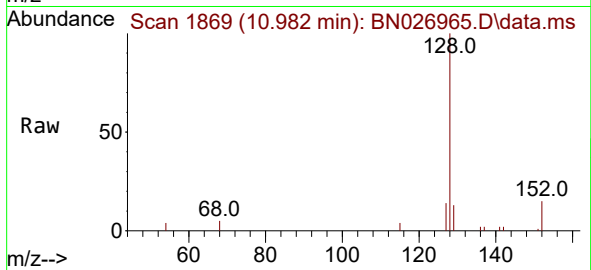
Tgt Ion:128 Resp: 11642

Ion Ratio Lower Upper

128 100

129 13.1 9.2 13.8

127 13.9 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.132 ng/ul

RT: 12.577 min Scan# 2159

Delta R.T. 0.000 min

Lab File: BN026965.D

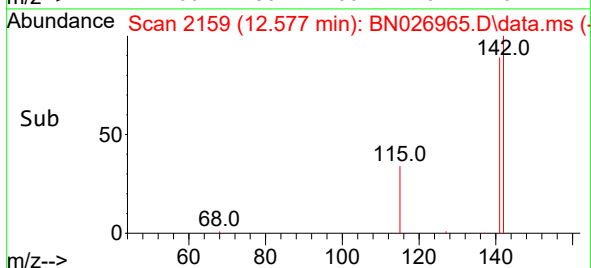
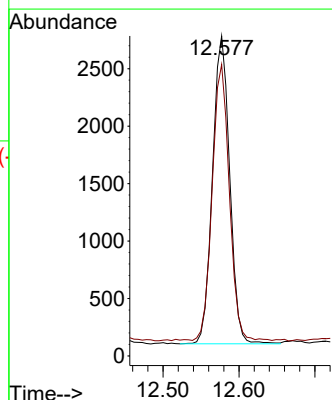
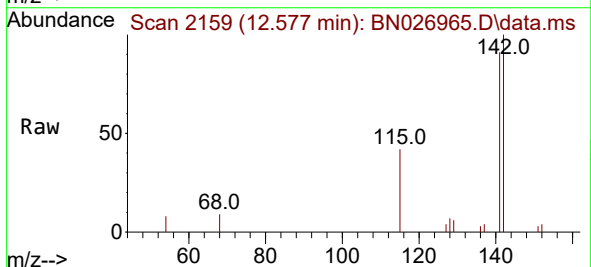
Acq: 18 Aug 2023 18:37

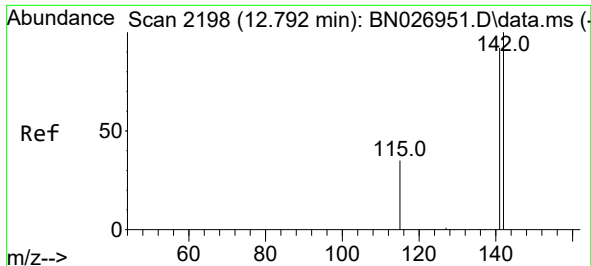
Tgt Ion:142 Resp: 4207

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3

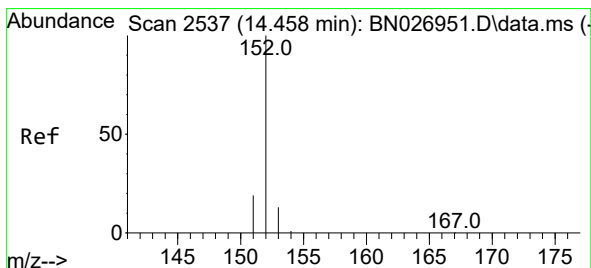
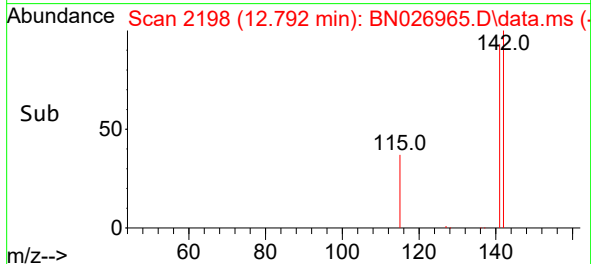
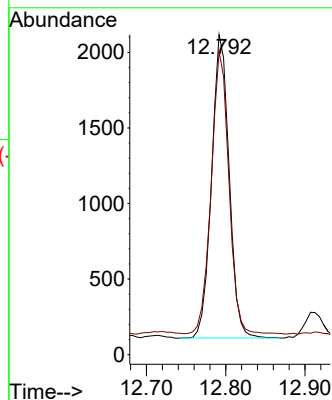
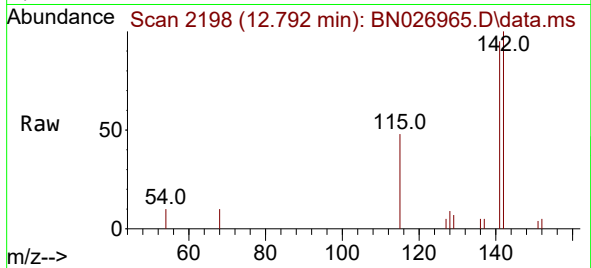




#8
1-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

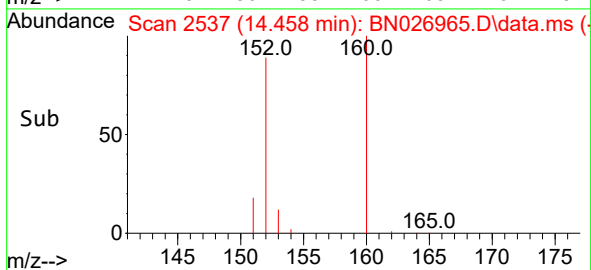
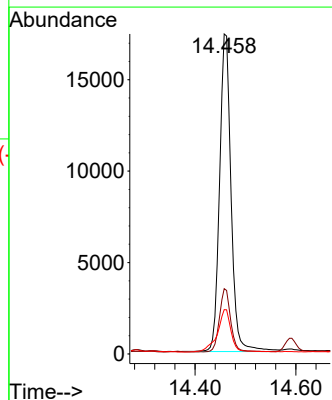
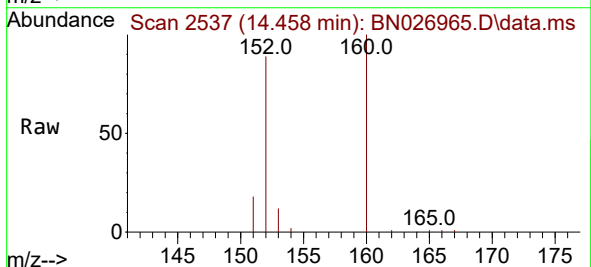
Instrument :
BNA_N
ClientSampleId :
A48H9

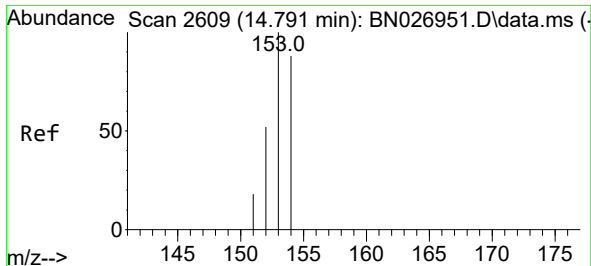
Tgt Ion:142 Resp: 3087
Ion Ratio Lower Upper
142 100
141 94.0 73.2 109.8



#10
Acenaphthylene
Concen: 0.434 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. 0.000 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Tgt Ion:152 Resp: 27530
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.9 11.0 16.6

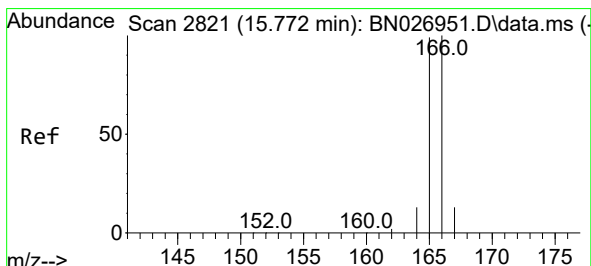
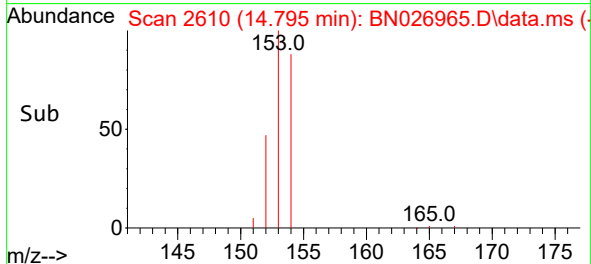
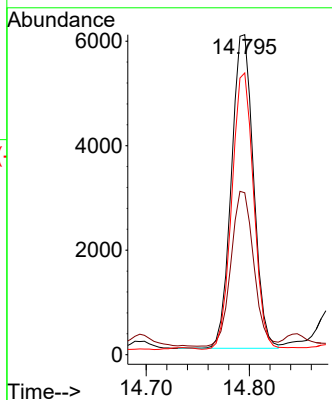
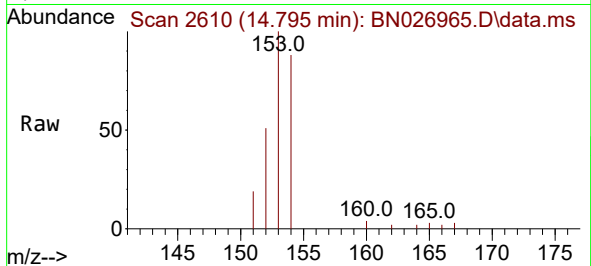




#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.795 min Scan# 2609
Delta R.T. 0.005 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

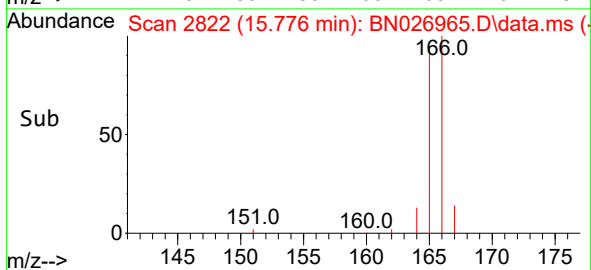
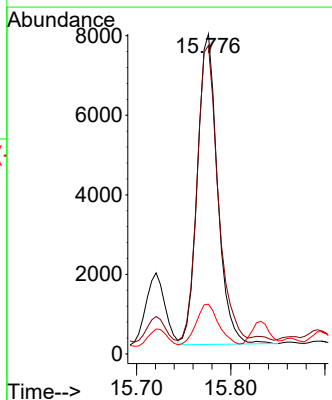
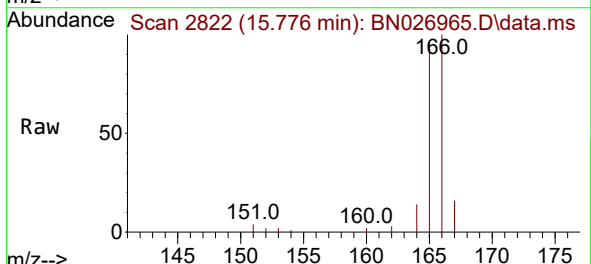
Instrument :
BNA_N
ClientSampleId :
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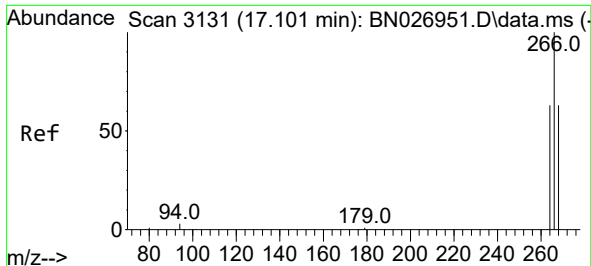
Tgt Ion:153 Resp: 8914
Ion Ratio Lower Upper
153 100
152 50.6 41.1 61.7
154 88.0 71.6 107.4



#12
Fluorene
Concen: 0.233 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Tgt Ion:166 Resp: 11577
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 15.5 11.4 17.0

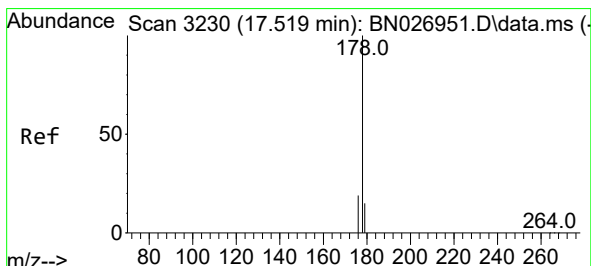
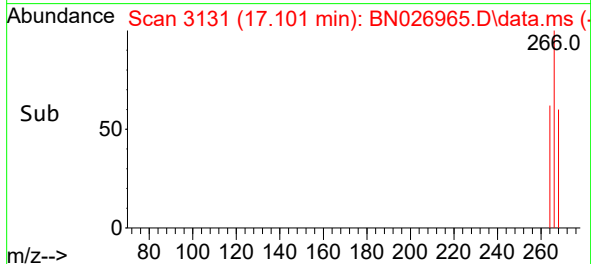
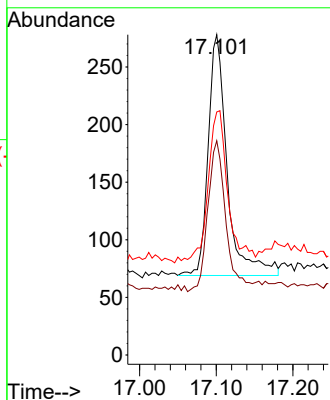
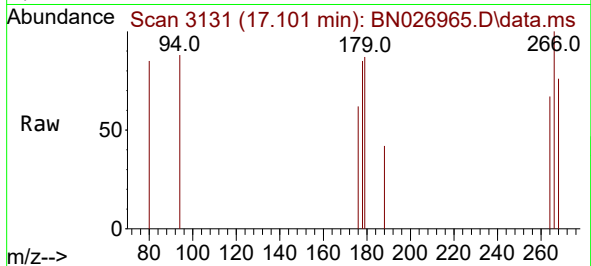




#14
 Pentachlorophenol
 Concen: 0.049 ng/ul
 RT: 17.101 min Scan# 3131
 Delta R.T. -0.000 min
 Lab File: BN026965.D
 Acq: 18 Aug 2023 18:37

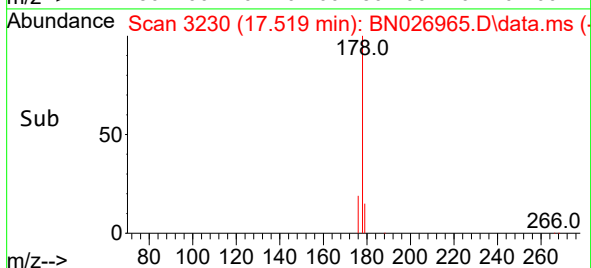
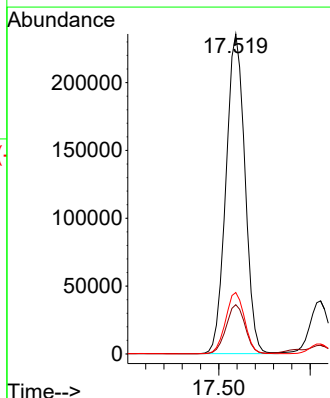
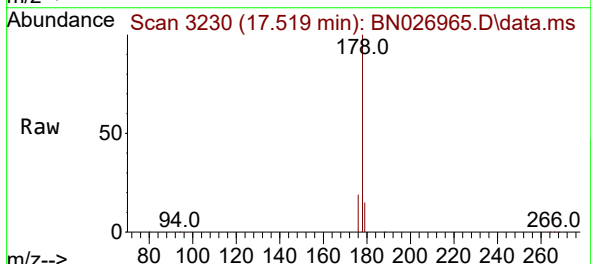
Instrument :
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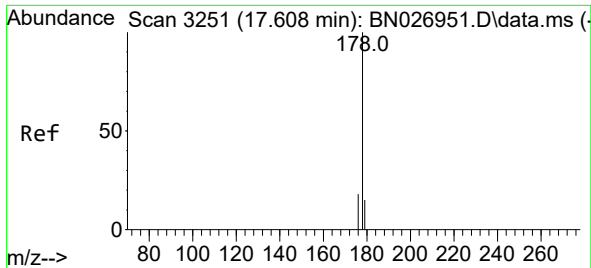
Tgt Ion:266	Resp:	362
Ion Ratio	Lower	Upper
266	100	
264	63.5	50.4 75.6
268	66.3	51.2 76.8



#15
 Phenanthrene
 Concen: 3.927 ng/ul
 RT: 17.519 min Scan# 3230
 Delta R.T. -0.000 min
 Lab File: BN026965.D
 Acq: 18 Aug 2023 18:37

Tgt Ion:178	Resp:	339386
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.6 18.8
176	19.2	15.4 23.2

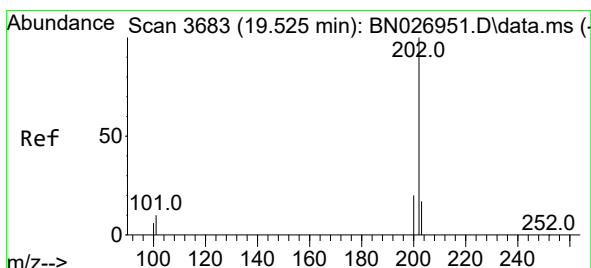
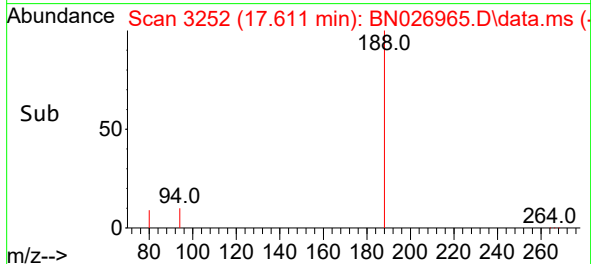
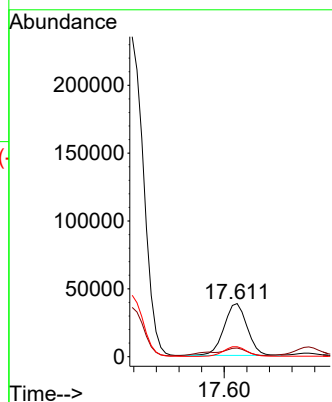
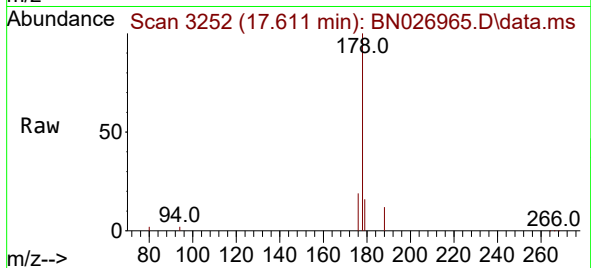




#16
 Anthracene
 Concen: 0.696 ng/ul
 RT: 17.611 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN026965.D
 Acq: 18 Aug 2023 18:37

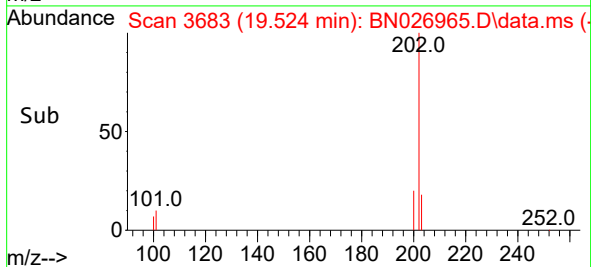
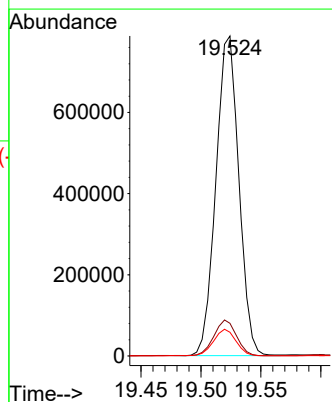
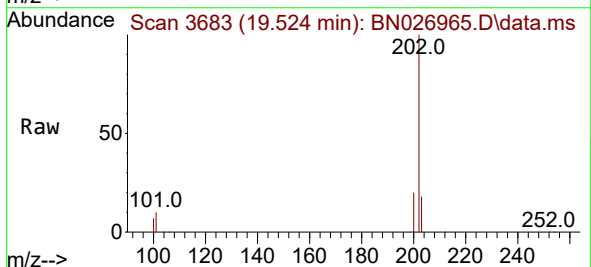
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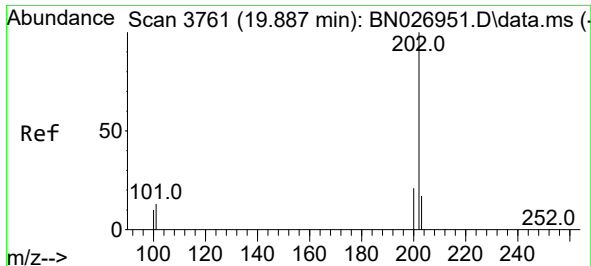
Tgt Ion:178 Resp: 54356
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.6 19.0
 176 18.8 15.0 22.6



#19
 Fluoranthene
 Concen: 10.961 ng/ul
 RT: 19.524 min Scan# 3683
 Delta R.T. -0.000 min
 Lab File: BN026965.D
 Acq: 18 Aug 2023 18:37

Tgt Ion:202 Resp: 1049541
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.3 12.5
 100 7.4 6.2 9.2

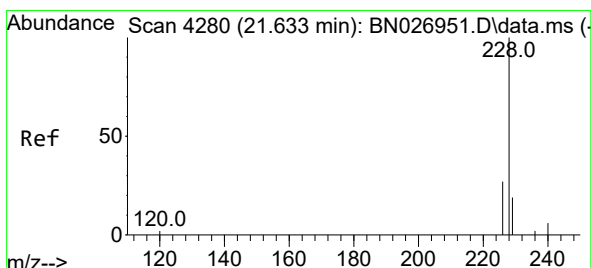
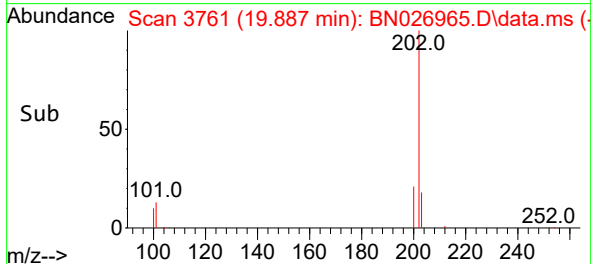
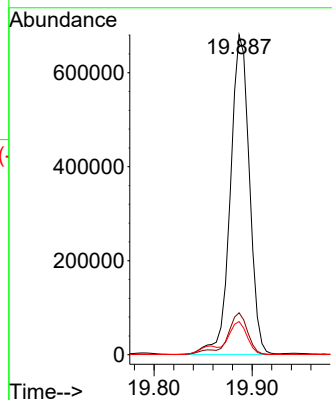
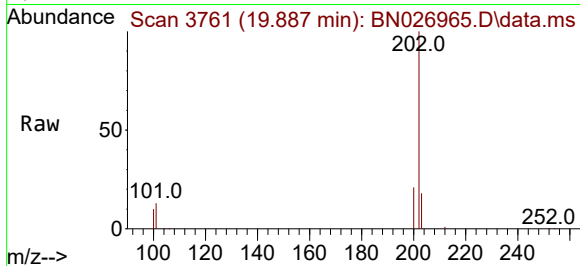




#20
Pyrene
Concen: 8.988 ng/ul
RT: 19.887 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

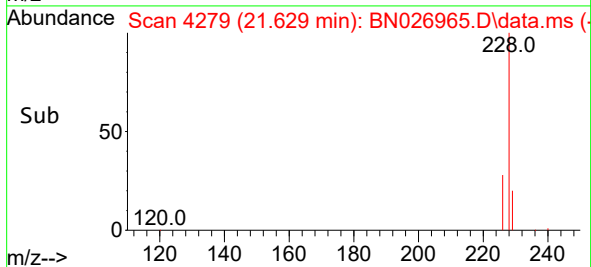
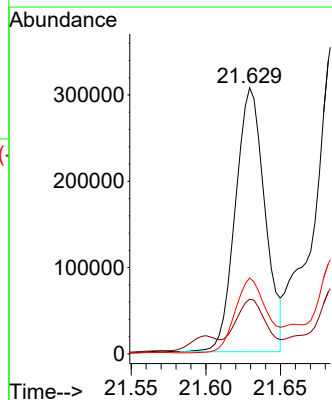
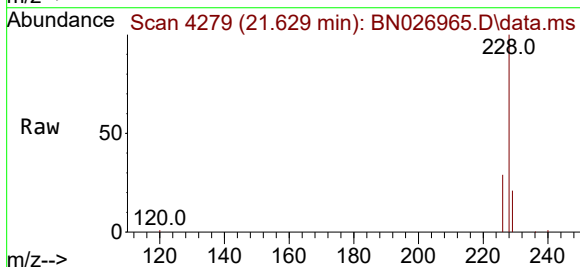
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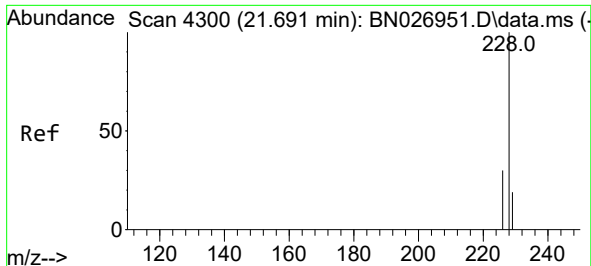
Tgt Ion:202 Resp: 918289
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.4 8.5 12.7



#21
Benzo(a)anthracene
Concen: 4.596 ng/ul
RT: 21.629 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Tgt Ion:228 Resp: 421352
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.6 22.2 33.2





#22

Chrysene

Concen: 6.485 ng/ul

RT: 21.685 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN026965.D

Acq: 18 Aug 2023 18:37

Instrument :

BNA_N

ClientSampleId :

A48H9

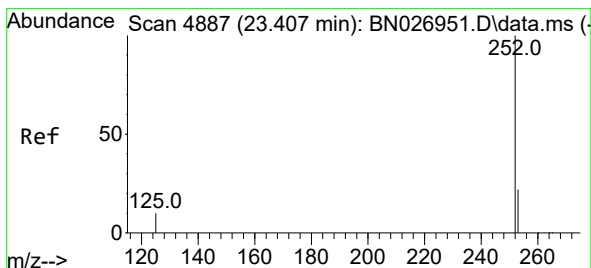
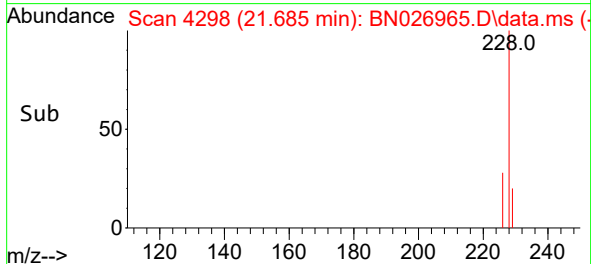
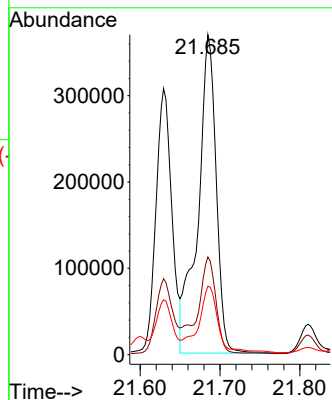
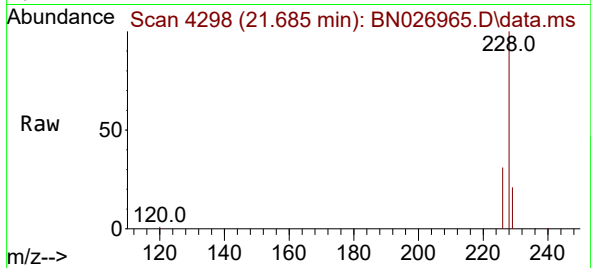
Tgt Ion:228 Resp: 586820

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

229 21.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 13.860 ng/ul

RT: 23.401 min Scan# 4885

Delta R.T. -0.006 min

Lab File: BN026965.D

Acq: 18 Aug 2023 18:37

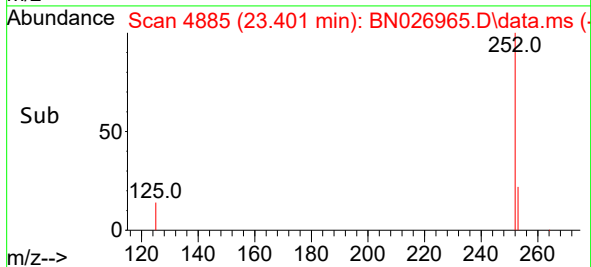
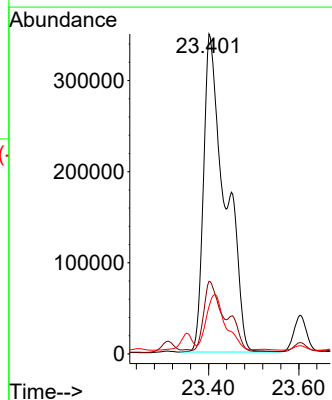
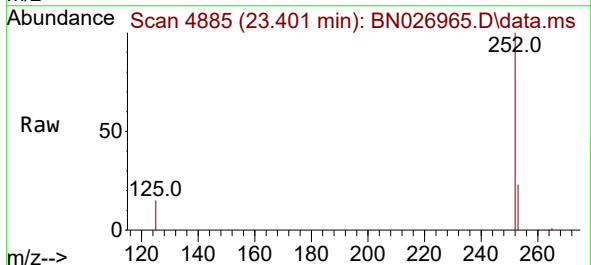
Tgt Ion:252 Resp: 1162216

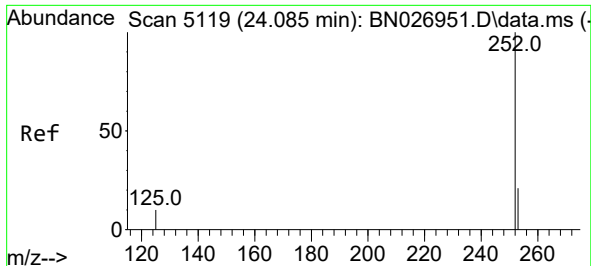
Ion Ratio Lower Upper

252 100

253 22.7 0.0 46.8

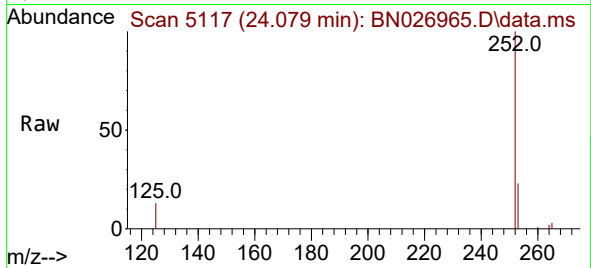
125 14.8 0.0 25.2



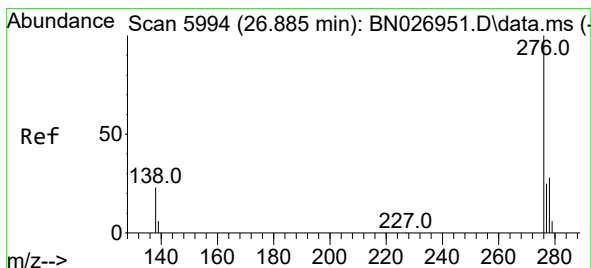
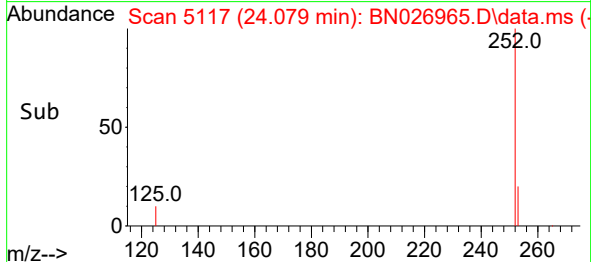
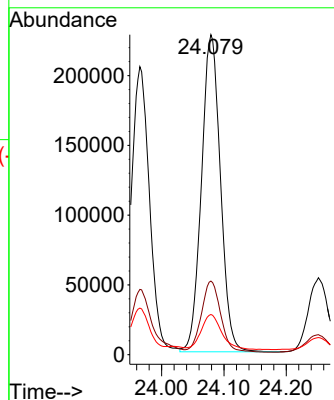


#26
Benzo(a)pyrene
Concen: 6.357 ng/ul
RT: 24.079 min Scan# 5119
Delta R.T. -0.006 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Instrument :
BNA_N
ClientSampleId :
A48H9

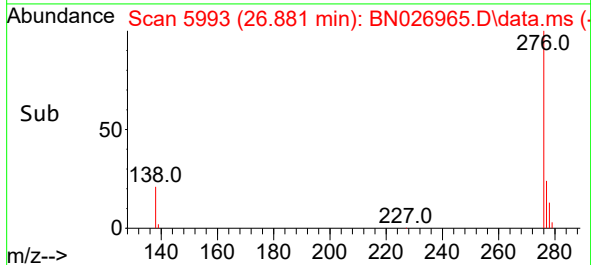
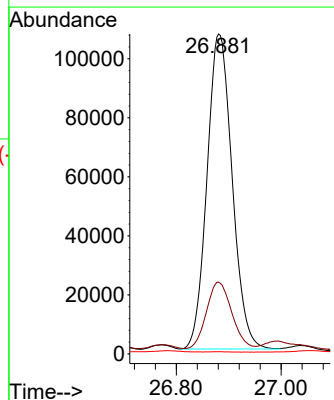
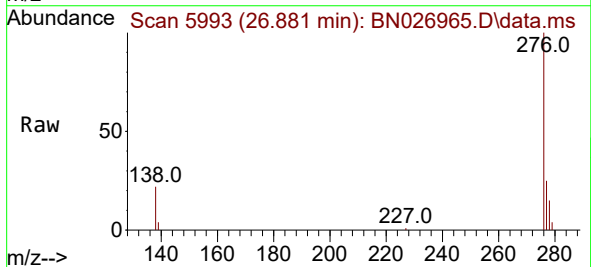


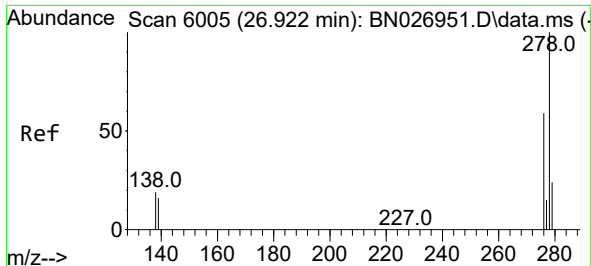
Tgt Ion:252 Resp: 481023
Ion Ratio Lower Upper
252 100
253 23.0 19.0 28.6
125 12.6 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.590 ng/ul
RT: 26.881 min Scan# 5993
Delta R.T. -0.004 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Tgt Ion:276 Resp: 355389
Ion Ratio Lower Upper
276 100
138 21.0 21.6 32.4#
227 0.1 0.0 0.0#

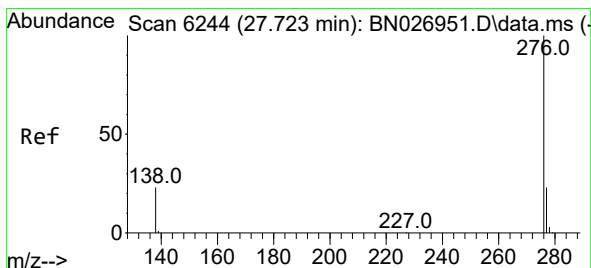
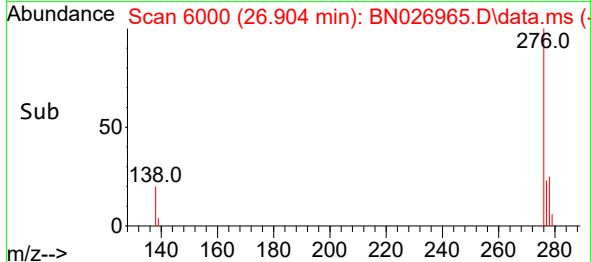
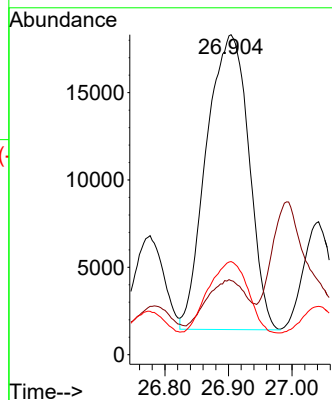
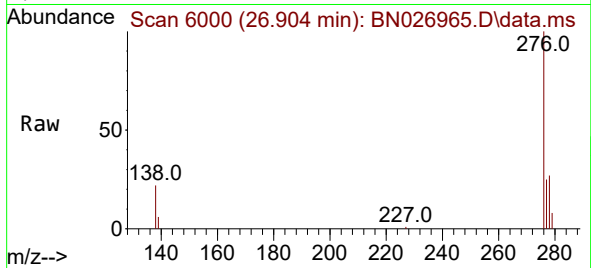




#28
Dibenzo(a,h)anthracene
Concen: 0.987 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. -0.018 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Instrument :
BNA_N
ClientSampleId :
A48H9

Tgt Ion:278 Resp: 77877
Ion Ratio Lower Upper
278 100
139 23.2 15.7 23.5
279 29.1 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 3.817 ng/ul
RT: 27.726 min Scan# 6245
Delta R.T. 0.003 min
Lab File: BN026965.D
Acq: 18 Aug 2023 18:37

Tgt Ion:276 Resp: 314610
Ion Ratio Lower Upper
276 100
138 23.8 19.3 28.9
277 24.5 19.8 29.8

