

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
 Data File : BN026598.D
 Acq On : 19 Jul 2023 15:57
 Operator : MA/JU
 Sample : 03635-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423

Quant Time: Jul 19 16:44:58 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 15:54:02 2023
 Response via : Initial Calibration

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

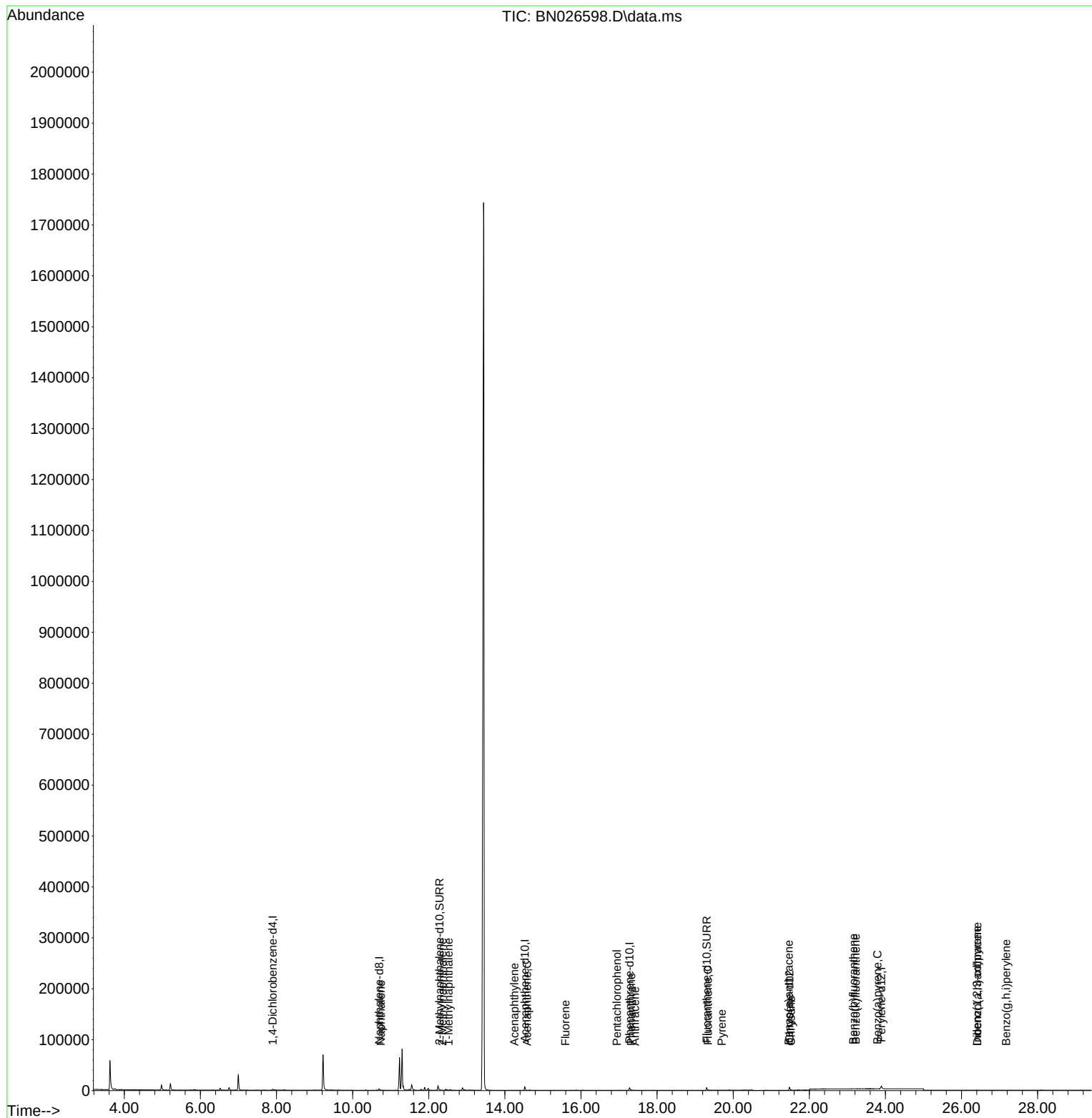
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	1845	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.699	136	5642	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.524	164	4214	0.400	ng/ul	-0.05
13) Phenanthrene-d10	17.275	188	8606	0.400	ng/ul	-0.05
17) Chrysene-d12	21.476	240	8091	0.400	ng/ul	#-0.05
23) Perylene-d12	23.891	264	9051	0.400	ng/ul	#-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.282	152	2507	0.327	ng/ul	-0.06
18) Fluoranthene-d10	19.303	212	7990	0.285	ng/ul	-0.06
Target Compounds						
					Qvalue	
5) Naphthalene	10.743	128	130	0.008	ng/ul#	1
7) 2-Methylnaphthalene	12.359	142	41	0.005	ng/ul	82
8) 1-Methylnaphthalene	12.519	142	4	0.000	ng/ul	81
10) Acenaphthylene	14.251	152	153	0.007	ng/ul#	1
11) Acenaphthene	14.584	153	33	0.002	ng/ul#	77
12) Fluorene	15.588	166	75	0.005	ng/ul#	39
14) Pentachlorophenol	16.946	266	3	0.001	ng/ul#	38
15) Phenanthrene	17.321	178	211	0.008	ng/ul#	11
16) Anthracene	17.418	178	108	0.005	ng/ul#	1
19) Fluoranthene	19.335	202	391	0.010	ng/ul#	10
20) Pyrene	19.702	202	192	0.005	ng/ul#	1
21) Benzo(a)anthracene	21.462	228	248	0.008	ng/ul#	18
22) Chrysene	21.514	228	214	0.006	ng/ul#	32
24) Benzo(b)fluoranthene	23.160	252	239	0.007	ng/ul#	1
25) Benzo(k)fluoranthene	23.215	252	173	0.005	ng/ul#	1
26) Benzo(a)pyrene	23.788	252	64	0.002	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.406	276	181	0.004	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.416	278	117	0.004	ng/ul#	1
29) Benzo(g,h,i)perylene	27.174	276	67	0.002	ng/ul#	1

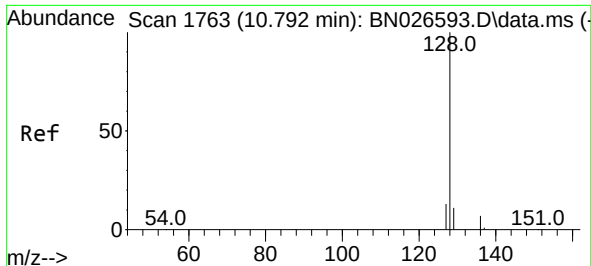
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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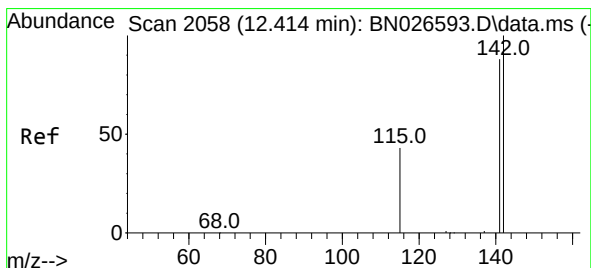
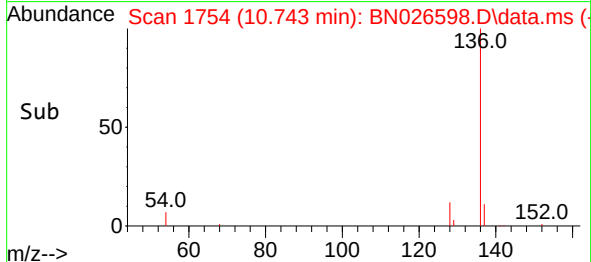
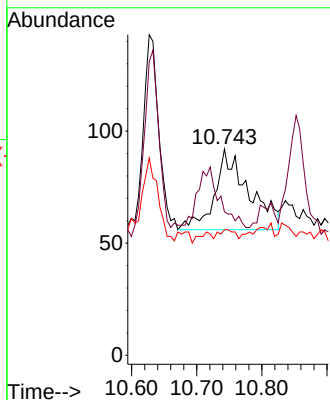
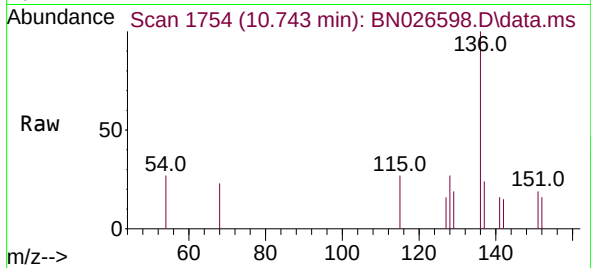




#5
Naphthalene
Concen: 0.008 ng/ul
RT: 10.743 min Scan# 1763
Delta R.T. -0.050 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

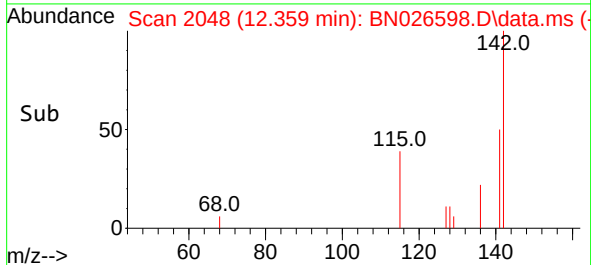
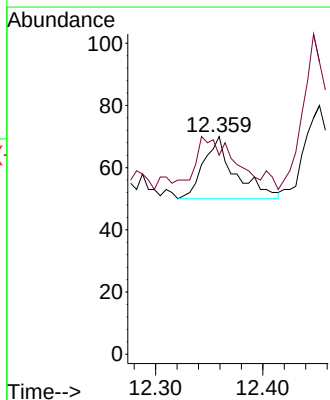
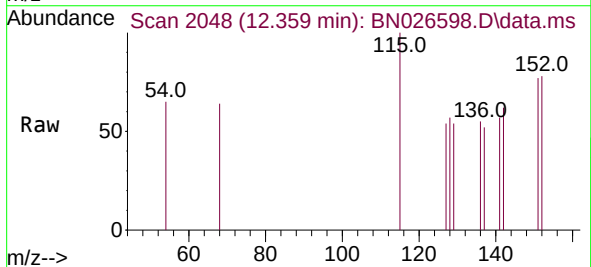
Instrument :
BNA_N
ClientSampleId :
EB-01-071423

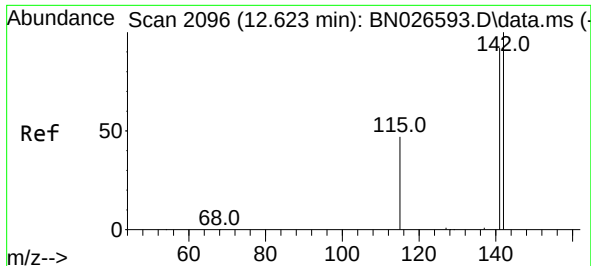
Tgt Ion:128 Resp: 130
Ion Ratio Lower Upper
128 100
129 69.6 10.2 15.2#
127 60.9 11.4 17.0#



#7
2-Methylnaphthalene
Concen: 0.005 ng/ul
RT: 12.359 min Scan# 2048
Delta R.T. -0.055 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 107.3 72.3 108.5

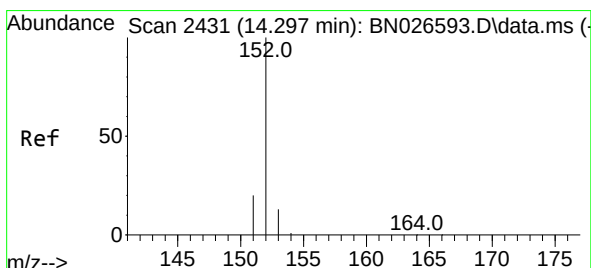
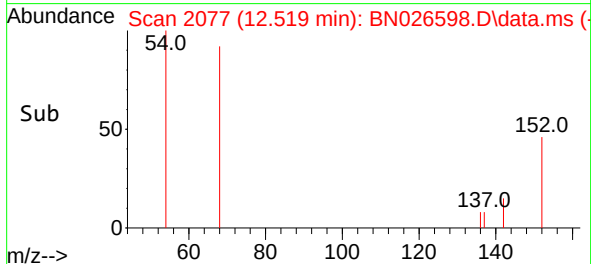
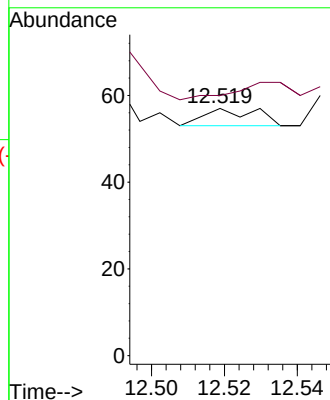
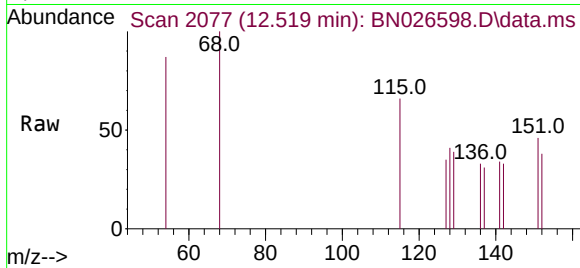




#8
1-Methylnaphthalene
Concen: 0.000 ng/ul
RT: 12.519 min Scan# 2096
Delta R.T. -0.105 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

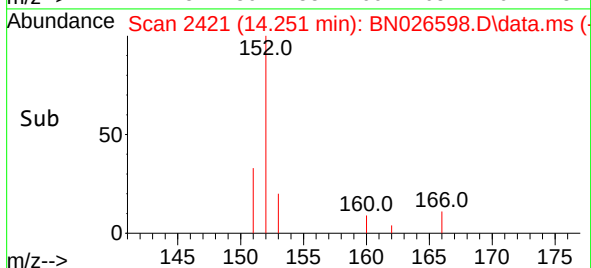
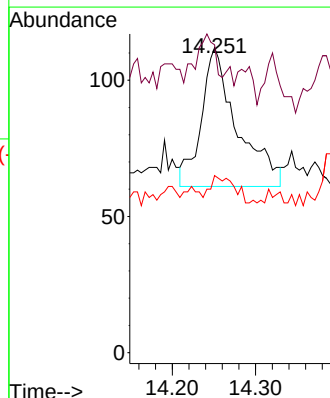
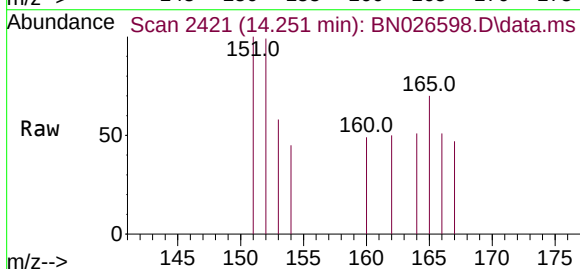
Instrument :
BNA_N
ClientSampleId :
EB-01-071423

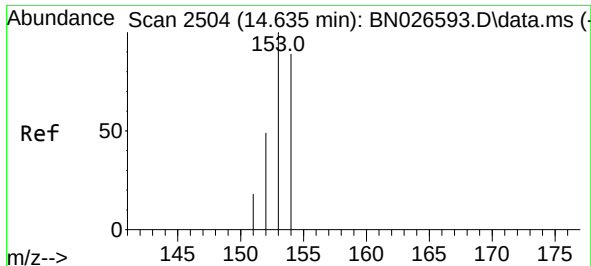
Tgt Ion:142 Resp: 4
Ion Ratio Lower Upper
142 100
141 75.0 74.5 111.7



#10
Acenaphthylene
Concen: 0.007 ng/ul
RT: 14.251 min Scan# 2421
Delta R.T. -0.046 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

Tgt Ion:152 Resp: 153
Ion Ratio Lower Upper
152 100
151 100.9 17.0 25.6#
153 58.0 11.4 17.2#

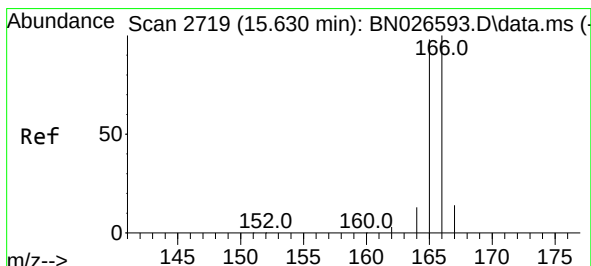
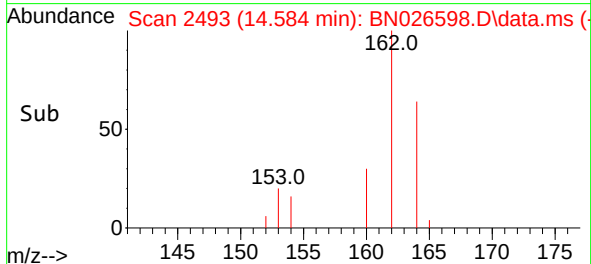
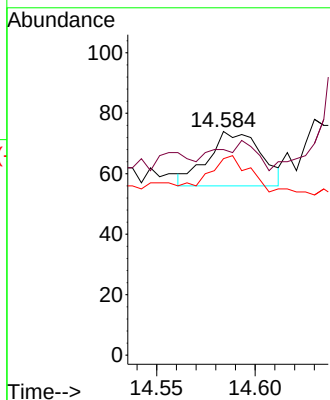
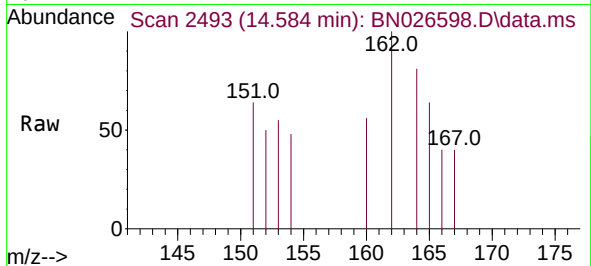




#11
Acenaphthene
Concen: 0.002 ng/u1
RT: 14.584 min Scan# 2493
Delta R.T. -0.051 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

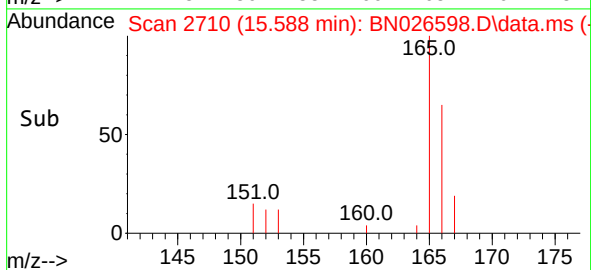
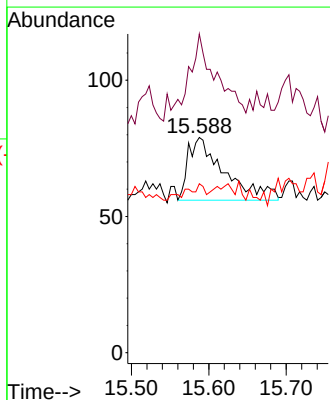
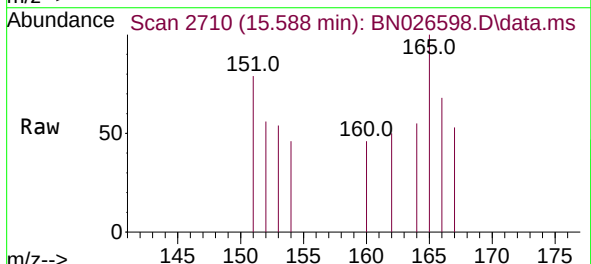
Instrument :
BNA_N
ClientSampleId :
EB-01-071423

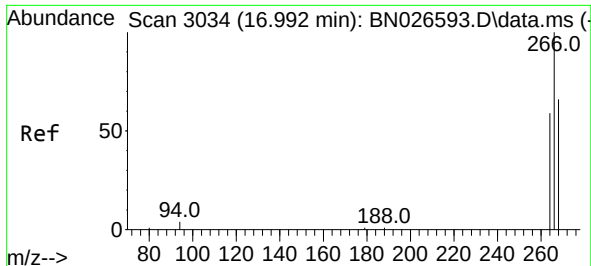
Tgt Ion:153 Resp: 33
Ion Ratio Lower Upper
153 100
152 91.9 40.2 60.4#
154 87.8 69.3 103.9



#12
Fluorene
Concen: 0.005 ng/u1
RT: 15.588 min Scan# 2710
Delta R.T. -0.042 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

Tgt Ion:166 Resp: 75
Ion Ratio Lower Upper
166 100
165 148.1 80.6 120.8#
167 78.5 12.0 18.0#

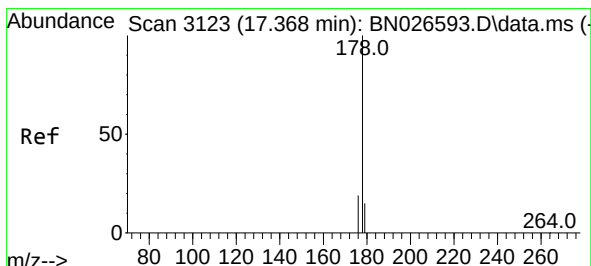
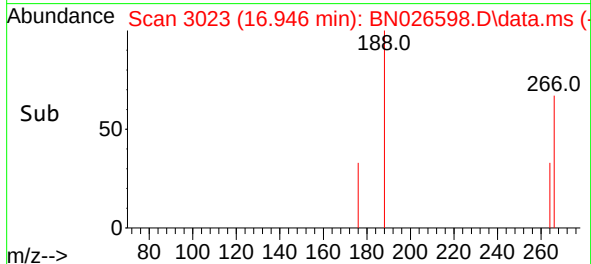
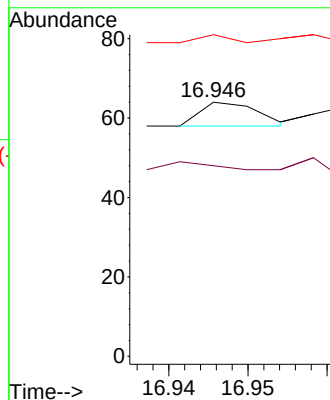
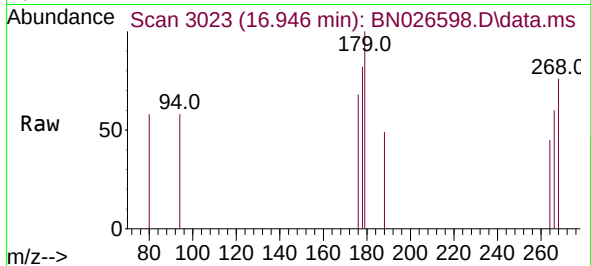




#14
Pentachlorophenol
Concen: 0.001 ng/ul
RT: 16.946 min Scan# 30
Delta R.T. -0.047 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

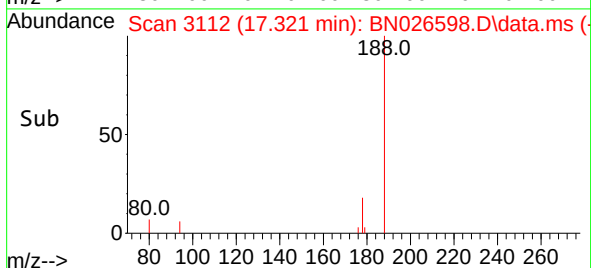
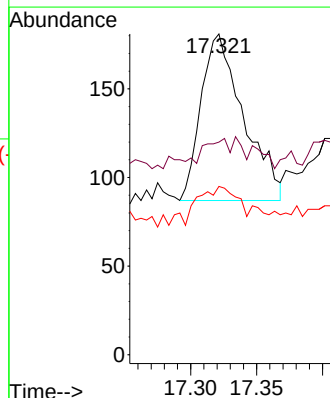
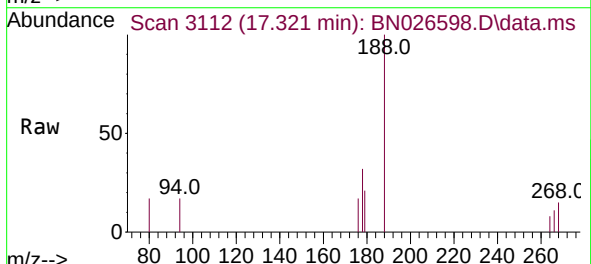
Instrument :
BNA_N
ClientSampleId :
EB-01-071423

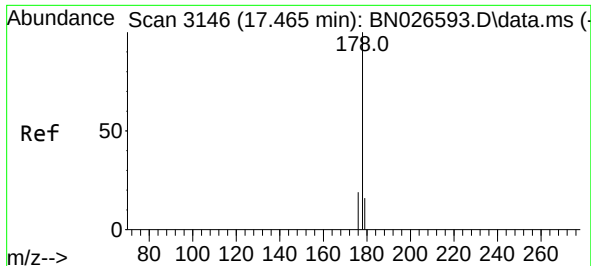
Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 0.0 52.0 78.0#
268 33.3 53.0 79.6#



#15
Phenanthrene
Concen: 0.008 ng/ul
RT: 17.321 min Scan# 3112
Delta R.T. -0.047 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

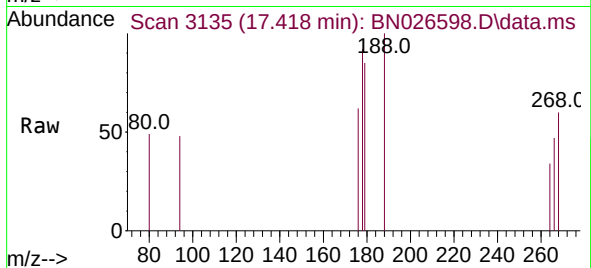
Tgt Ion:178 Resp: 211
Ion Ratio Lower Upper
178 100
179 66.3 13.7 20.5#
176 52.5 16.5 24.7#



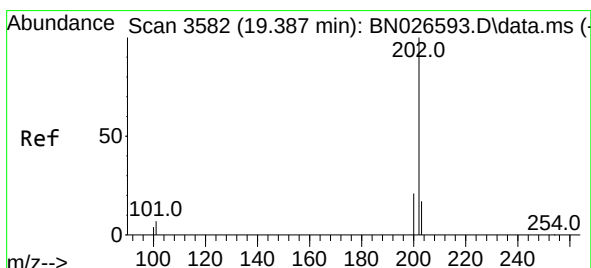
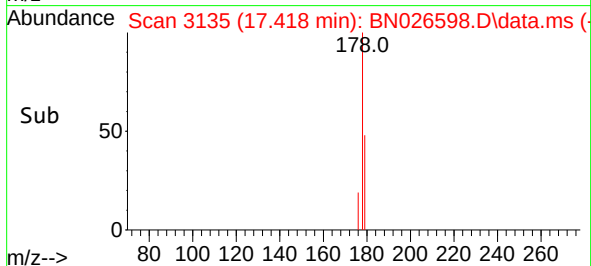
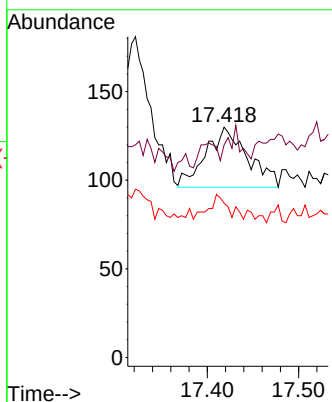


#16
 Anthracene
 Concen: 0.005 ng/ul
 RT: 17.418 min Scan# 3146
 Delta R.T. -0.047 min
 Lab File: BN026598.D
 Acq: 19 Jul 2023 15:57

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423

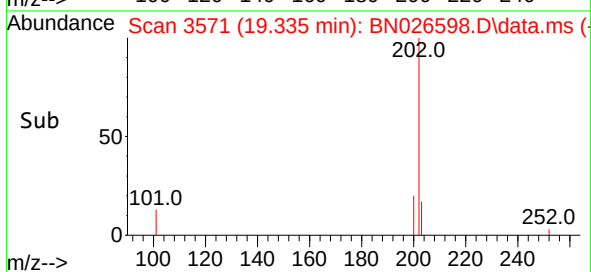
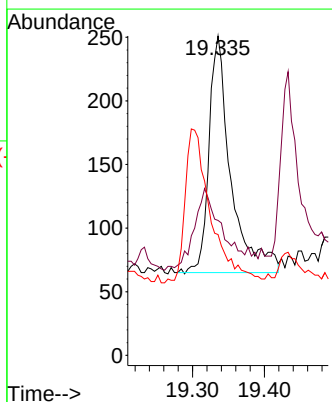
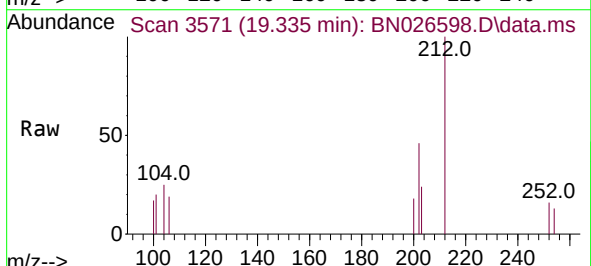


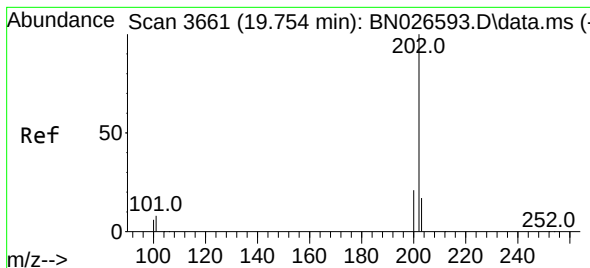
Tgt Ion:178 Resp: 108
 Ion Ratio Lower Upper
 178 100
 179 92.3 14.8 22.2#
 176 66.9 16.6 25.0#



#19
 Fluoranthene
 Concen: 0.010 ng/ul
 RT: 19.335 min Scan# 3571
 Delta R.T. -0.051 min
 Lab File: BN026598.D
 Acq: 19 Jul 2023 15:57

Tgt Ion:202 Resp: 391
 Ion Ratio Lower Upper
 202 100
 101 42.2 7.0 10.4#
 100 37.8 6.0 9.0#





#20

Pyrene

Concen: 0.005 ng/ul

RT: 19.702 min Scan# 3661

Delta R.T. -0.051 min

Lab File: BN026598.D

Acq: 19 Jul 2023 15:57

Instrument :

BNA_N

ClientSampleId :

EB-01-071423

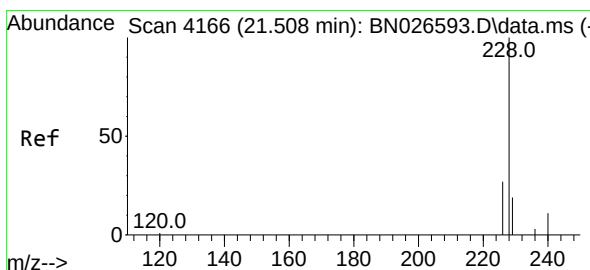
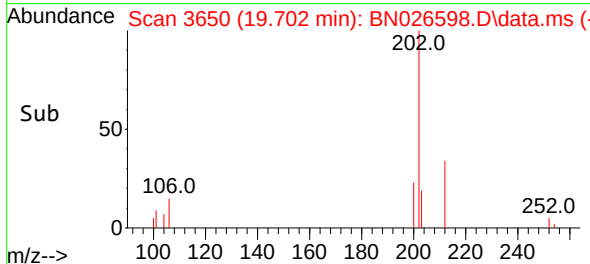
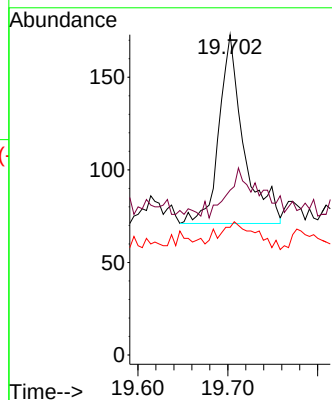
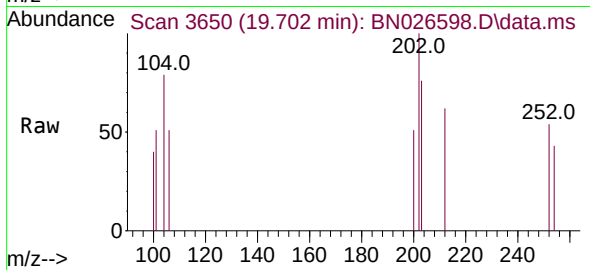
Tgt Ion:202 Resp: 192

Ion Ratio Lower Upper

202 100

101 51.4 8.0 12.0#

100 39.9 6.2 9.2#



#21

Benzo(a)anthracene

Concen: 0.008 ng/ul

RT: 21.462 min Scan# 4150

Delta R.T. -0.047 min

Lab File: BN026598.D

Acq: 19 Jul 2023 15:57

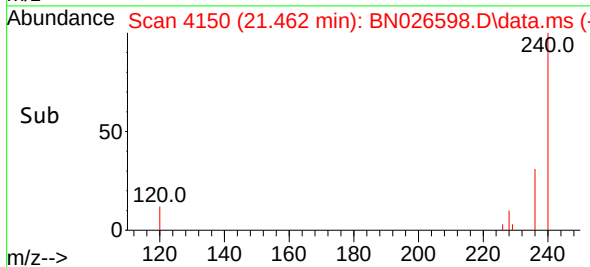
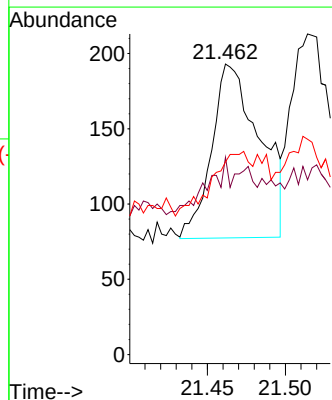
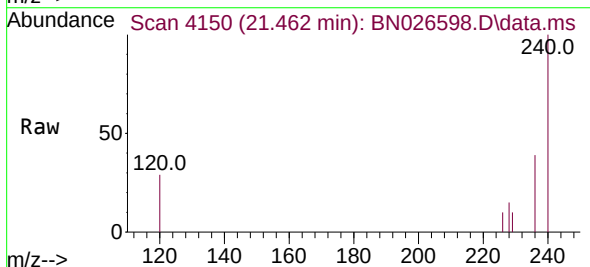
Tgt Ion:228 Resp: 248

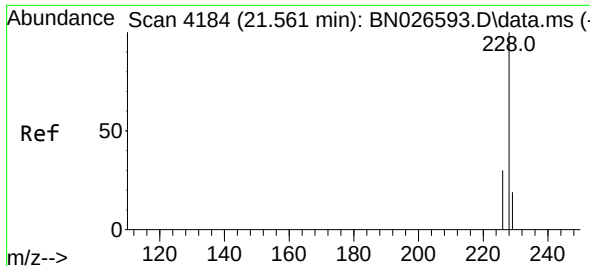
Ion Ratio Lower Upper

228 100

229 67.9 16.7 25.1#

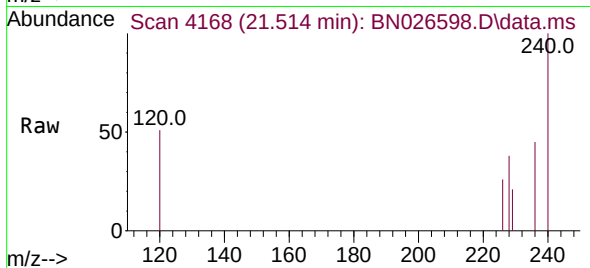
226 66.3 23.5 35.3#



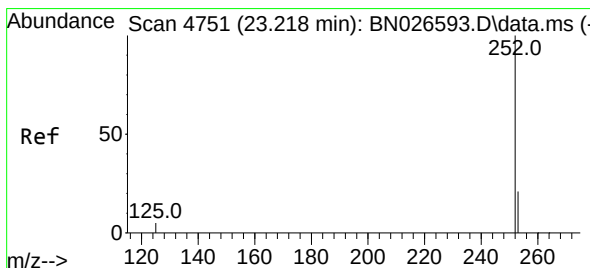
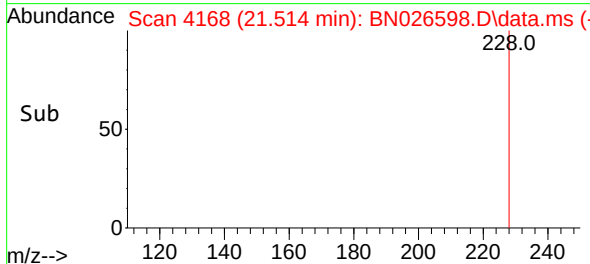
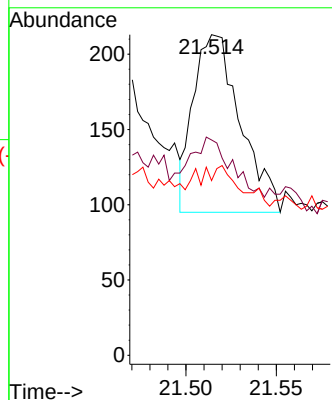


#22
Chrysene
Concen: 0.006 ng/ul
RT: 21.514 min Scan# 4184
Delta R.T. -0.047 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

Instrument :
BNA_N
ClientSampleId :
EB-01-071423

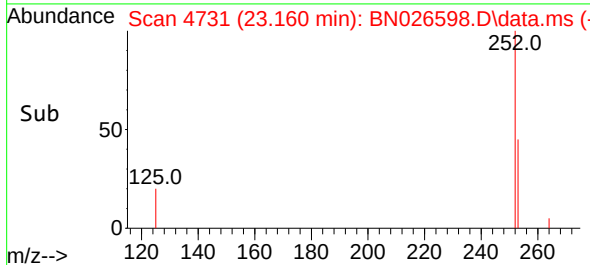
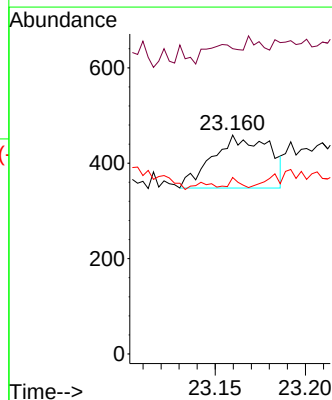
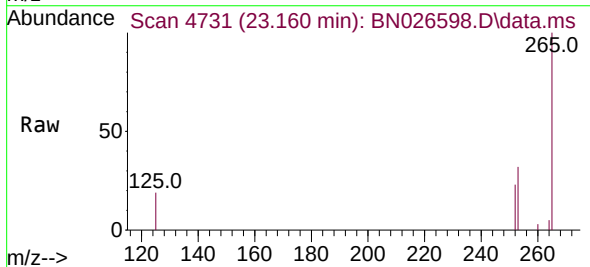


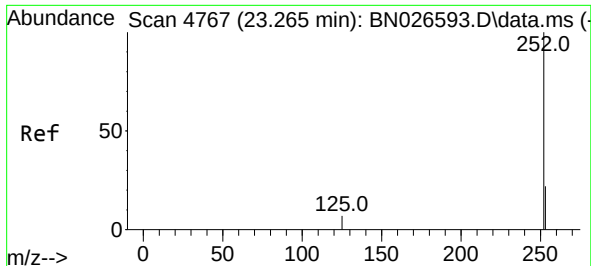
Tgt Ion:228 Resp: 214
Ion Ratio Lower Upper
228 100
226 67.1 25.2 37.8#
229 54.5 16.4 24.6#



#24
Benzo(b)fluoranthene
Concen: 0.007 ng/ul
RT: 23.160 min Scan# 4731
Delta R.T. -0.059 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

Tgt Ion:252 Resp: 239
Ion Ratio Lower Upper
252 100
253 139.4 0.0 68.6#
125 80.6 0.0 34.0#

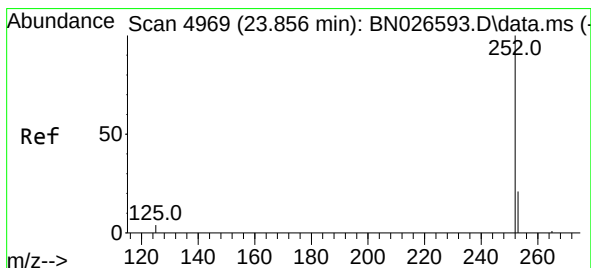
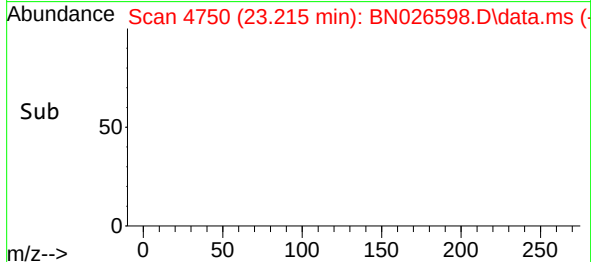
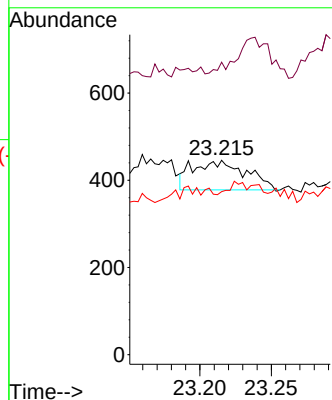
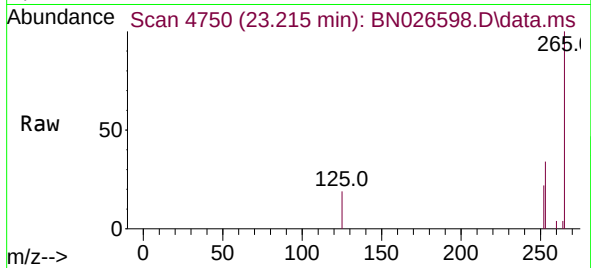




#25
Benzo(k)fluoranthene
Concen: 0.005 ng/ul
RT: 23.215 min Scan# 41
Delta R.T. -0.050 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

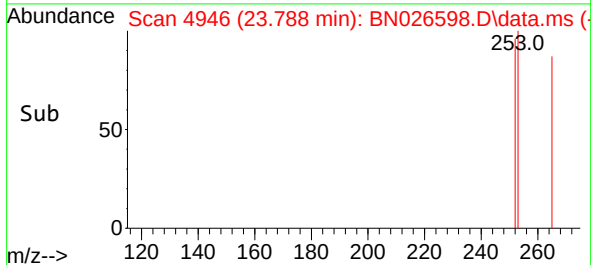
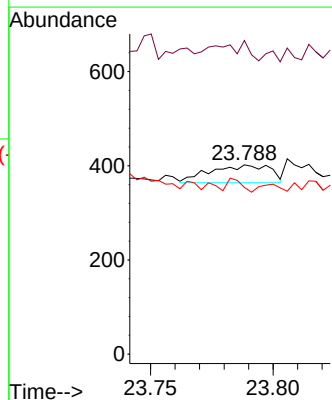
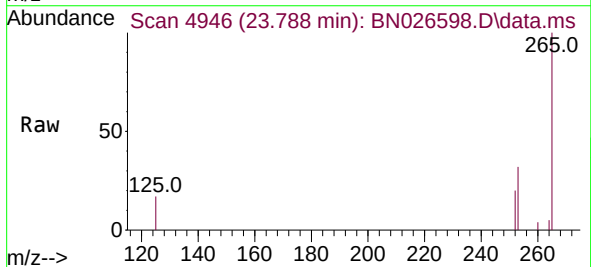
Instrument :
BNA_N
ClientSampleId :
EB-01-071423

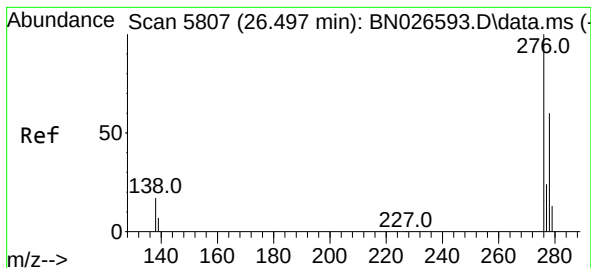
Tgt Ion:252 Resp: 173
Ion Ratio Lower Upper
252 100
253 150.4 27.2 40.8#
125 83.9 13.4 20.2#



#26
Benzo(a)pyrene
Concen: 0.002 ng/ul
RT: 23.788 min Scan# 4946
Delta R.T. -0.067 min
Lab File: BN026598.D
Acq: 19 Jul 2023 15:57

Tgt Ion:252 Resp: 64
Ion Ratio Lower Upper
252 100
253 165.7 32.6 49.0#
125 88.1 19.3 28.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng/ul

RT: 26.406 min Scan# 51

Delta R.T. -0.091 min

Lab File: BN026598.D

Acq: 19 Jul 2023 15:57

Instrument :

BNA_N

ClientSampleId :

EB-01-071423

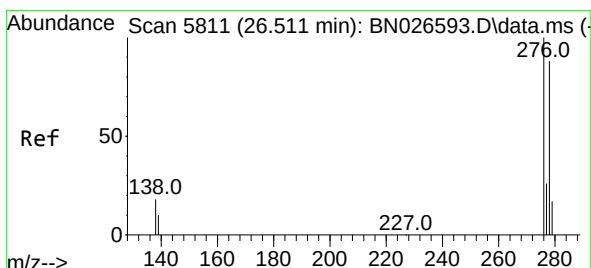
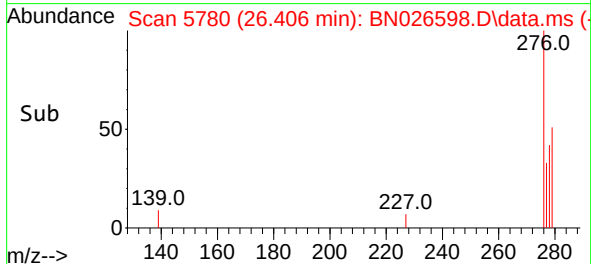
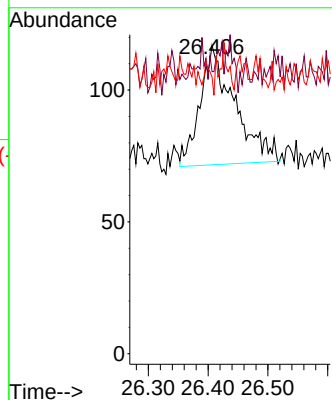
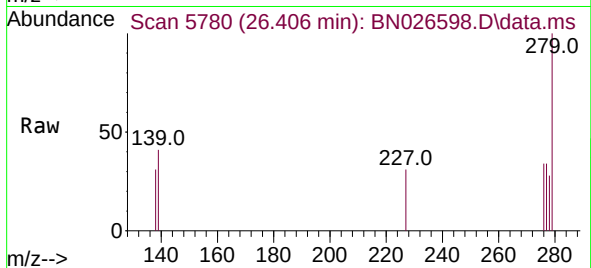
Tgt Ion:276 Resp: 181

Ion Ratio Lower Upper

276 100

138 5.0 22.2 33.4#

227 5.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.004 ng/ul

RT: 26.416 min Scan# 5783

Delta R.T. -0.094 min

Lab File: BN026598.D

Acq: 19 Jul 2023 15:57

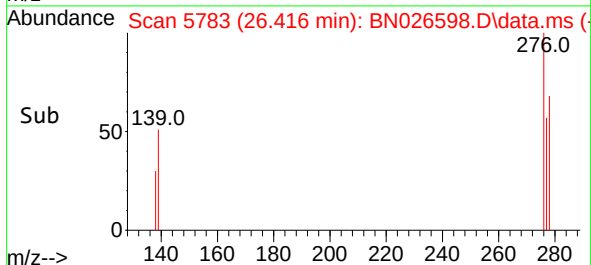
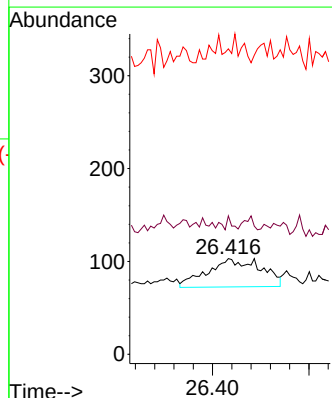
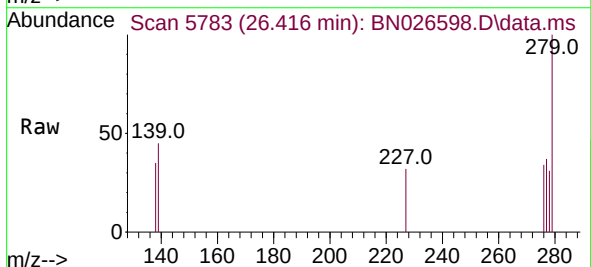
Tgt Ion:278 Resp: 117

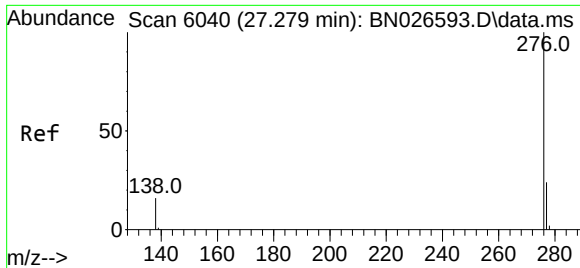
Ion Ratio Lower Upper

278 100

139 144.7 18.9 28.3#

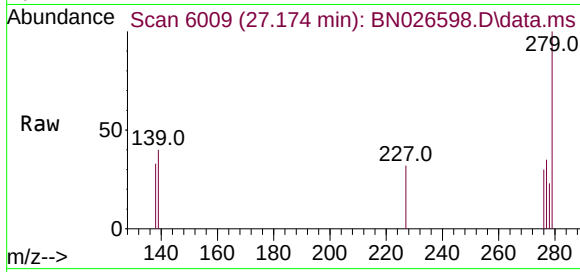
279 319.4 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.002 ng/ul
 RT: 27.174 min Scan# 6040
 Delta R.T. -0.104 min
 Lab File: BN026598.D
 Acq: 19 Jul 2023 15:57

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423



Tgt Ion:276 Resp: 67

Ion	Ratio	Lower	Upper
276	100		
138	109.0	22.6	34.0#
277	116.0	21.8	32.8#

