

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028670.D
 Acq On : 16 Nov 2023 18:46
 Operator : MA/JU
 Sample : PB157092BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS092

Quant Time: Nov 16 22:26:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 22:24:56 2023
 Response via : Initial Calibration

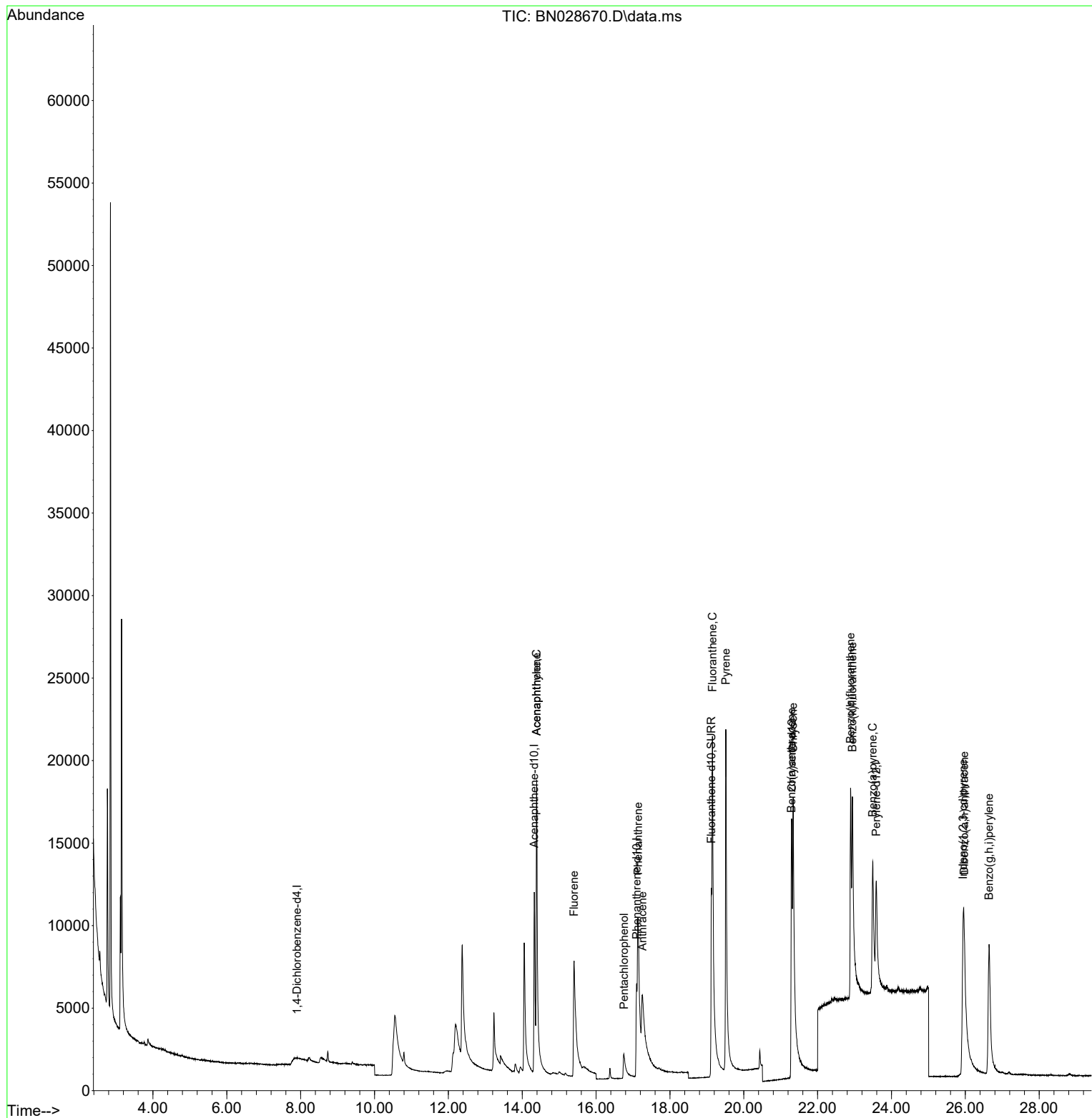
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	1503	0.400	ng/ul	# 0.11
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.326	164	9323	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	12648	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.302	240	12396	0.400	ng/ul	# 0.00
23) Perylene-d12	23.588	264	12025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.134	152	4209	0.000	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	21554	0.540	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.391	152	7888	0.170	ng/ul#	1
11) Acenaphthene	14.391	153	16411	0.479	ng/ul	98
12) Fluorene	15.404	166	13183	0.331	ng/ul	98
14) Pentachlorophenol	16.753	266	2637	0.869	ng/ul	100
15) Phenanthrene	17.137	178	20426	0.526	ng/ul	97
16) Anthracene	17.255	178	9989	0.280	ng/ul	94
19) Fluoranthene	19.151	202	27433	0.520	ng/ul	98
20) Pyrene	19.513	202	31799	0.582	ng/ul	96
21) Benzo(a)anthracene	21.288	228	15212	0.310	ng/ul	100
22) Chrysene	21.337	228	21397	0.447	ng/ul	99
24) Benzo(b)fluoranthene	22.892	252	19823	0.439	ng/ul	89
25) Benzo(k)fluoranthene	22.942	252	24722	0.523	ng/ul#	91
26) Benzo(a)pyrene	23.491	252	20685	0.486	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.938	276	25358	0.536	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.965	278	18559	0.491	ng/ul#	93
29) Benzo(g,h,i)perylene	26.642	276	23484	0.606	ng/ul	96

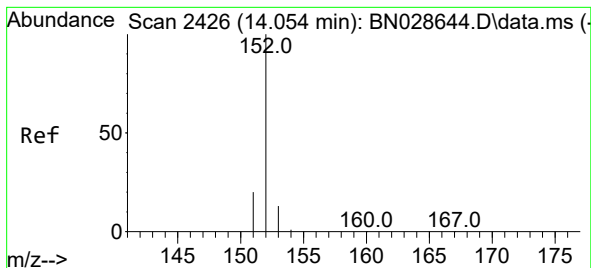
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.170 ng/ul

RT: 14.391 min Scan# 2641

Delta R.T. 0.001 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

Instrument :

BNA_N

ClientSampleId :

SLCS092

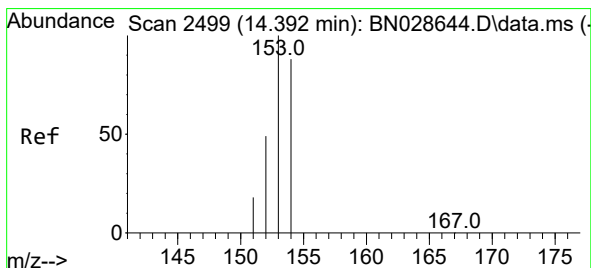
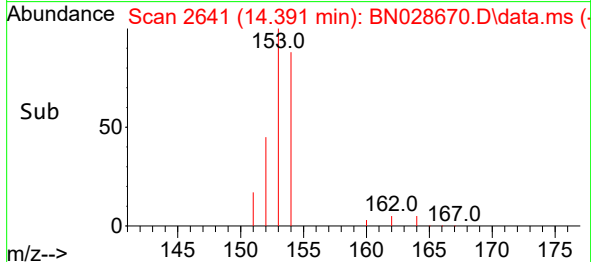
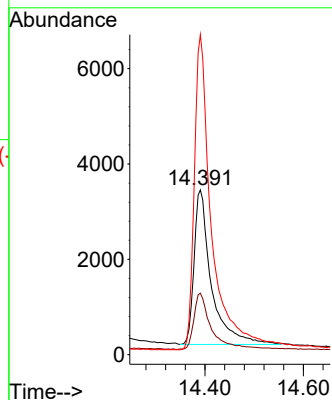
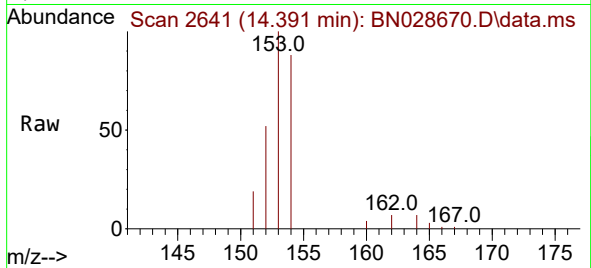
Tgt Ion:152 Resp: 7888

Ion Ratio Lower Upper

152 100

151 37.3 16.1 24.1#

153 194.1 10.6 15.8#



#11

Acenaphthene

Concen: 0.479 ng/ul

RT: 14.391 min Scan# 2641

Delta R.T. 0.001 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

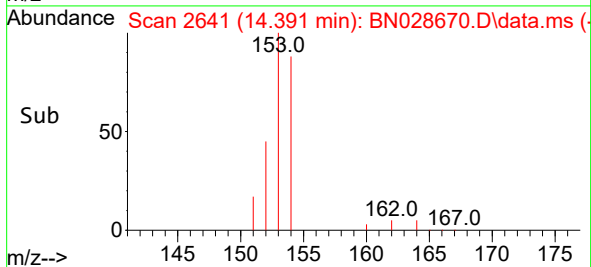
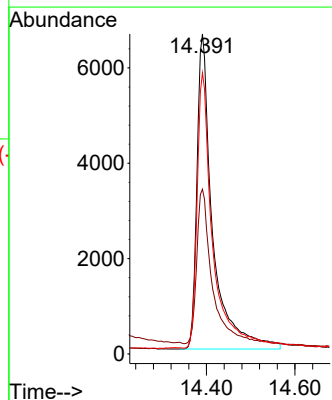
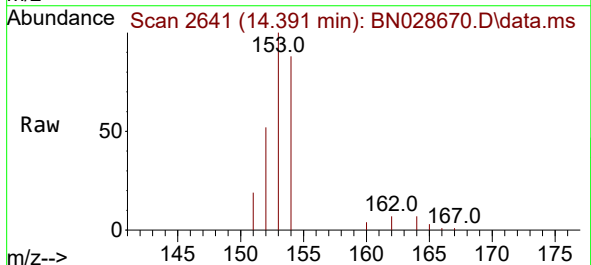
Tgt Ion:153 Resp: 16411

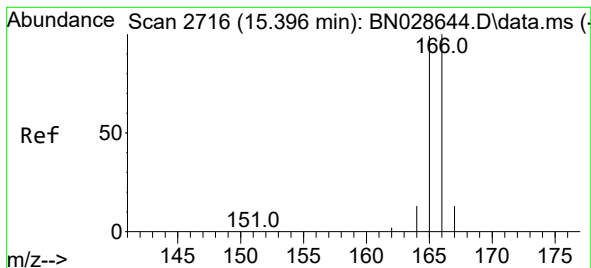
Ion Ratio Lower Upper

153 100

152 51.5 39.6 59.4

154 87.9 71.0 106.6





#12

Fluorene

Concen: 0.331 ng/ul

RT: 15.404 min Scan# 21

Delta R.T. 0.010 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

Instrument :

BNA_N

ClientSampleId :

SLCS092

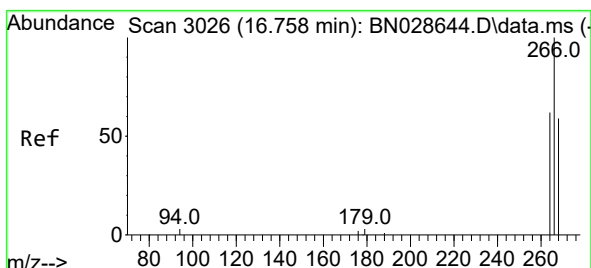
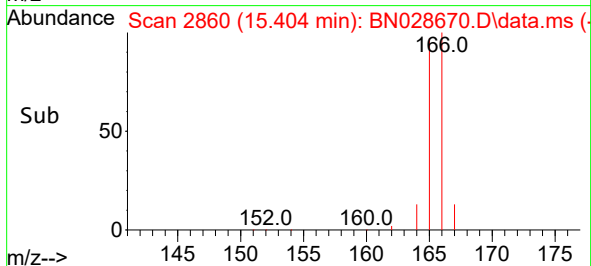
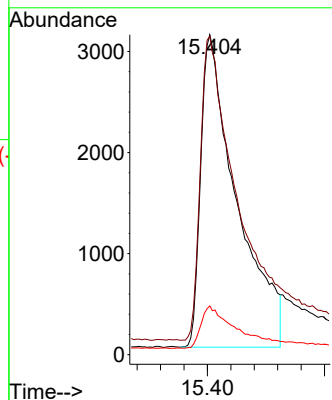
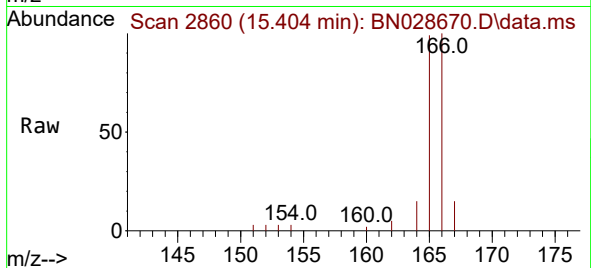
Tgt Ion:166 Resp: 13183

Ion Ratio Lower Upper

166 100

165 99.5 78.6 118.0

167 15.3 11.0 16.6



#14

Pentachlorophenol

Concen: 0.869 ng/ul

RT: 16.753 min Scan# 3167

Delta R.T. 0.005 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

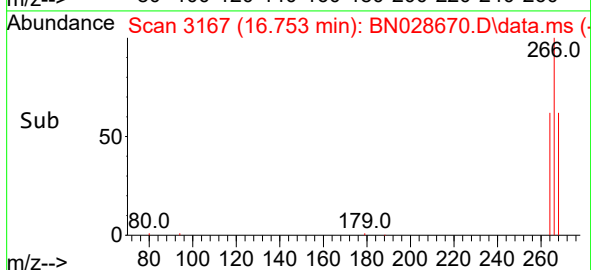
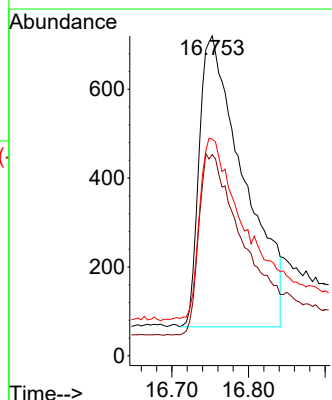
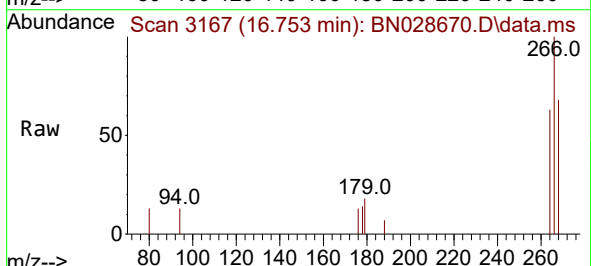
Tgt Ion:266 Resp: 2637

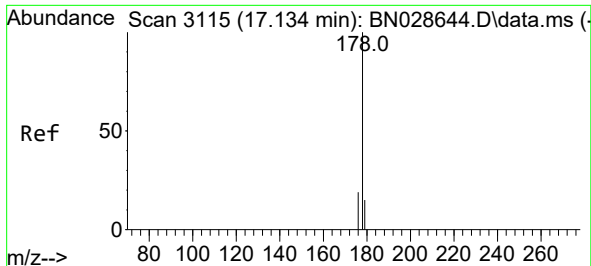
Ion Ratio Lower Upper

266 100

264 62.6 50.1 75.1

268 63.9 50.6 75.8

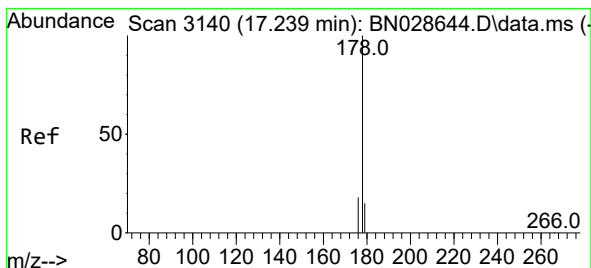
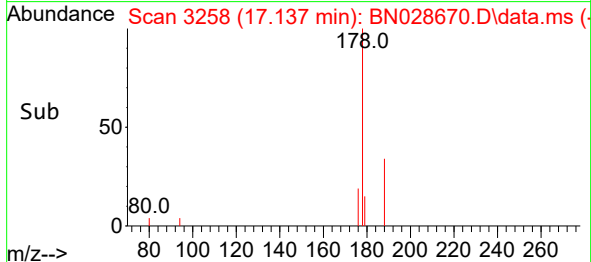
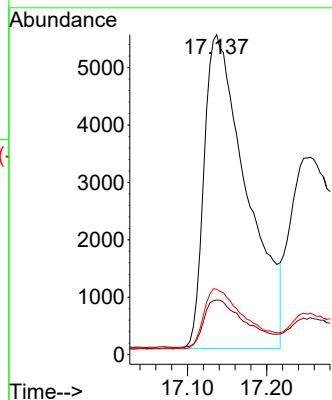
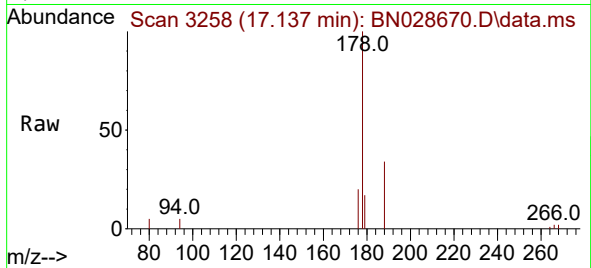




#15
Phenanthrene
Concen: 0.526 ng/ul
RT: 17.137 min Scan# 3115
Delta R.T. 0.005 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

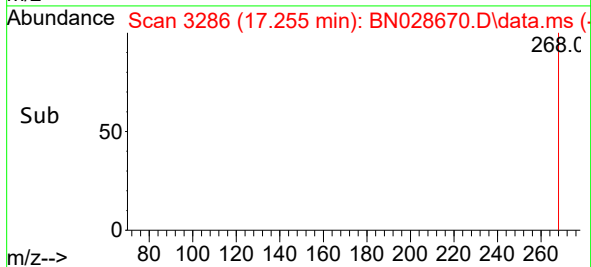
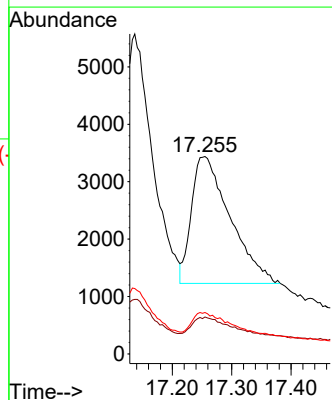
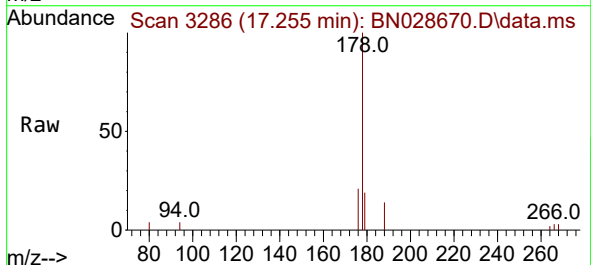
Instrument :
BNA_N
ClientSampleId :
SLCS092

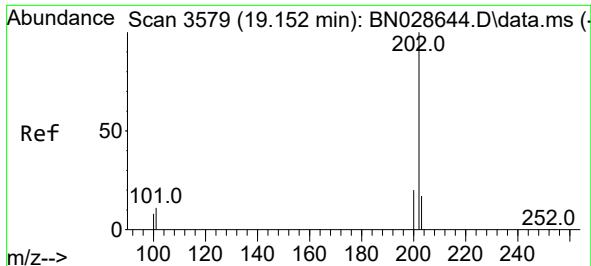
Tgt Ion:178 Resp: 20426
Ion Ratio Lower Upper
178 100
179 17.1 12.4 18.6
176 20.5 15.4 23.2



#16
Anthracene
Concen: 0.280 ng/ul
RT: 17.255 min Scan# 3286
Delta R.T. 0.018 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:178 Resp: 9989
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 21.0 14.9 22.3

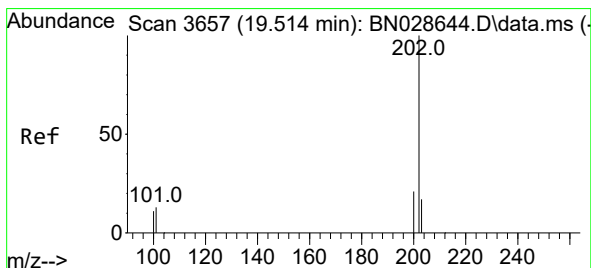
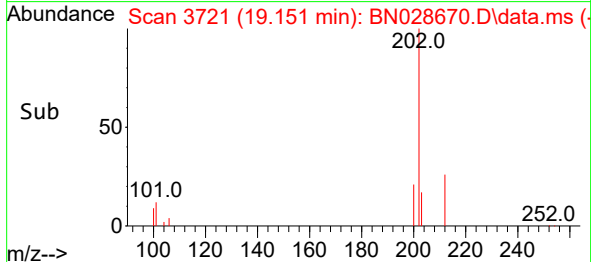
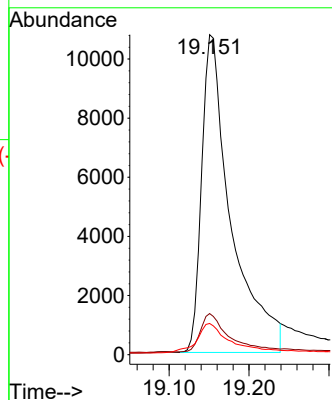
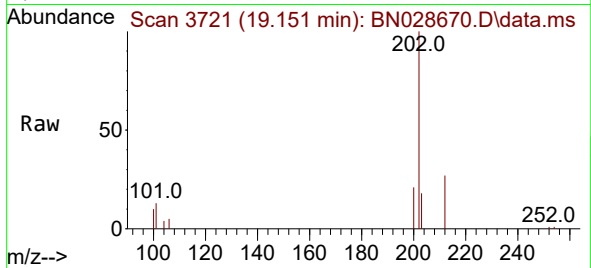




#19
Fluoranthene
Concen: 0.520 ng/u1
RT: 19.151 min Scan# 31
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

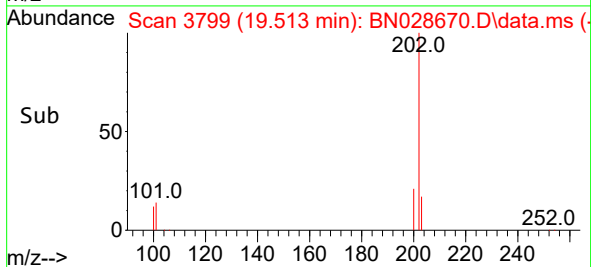
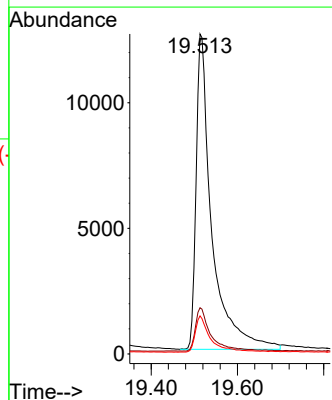
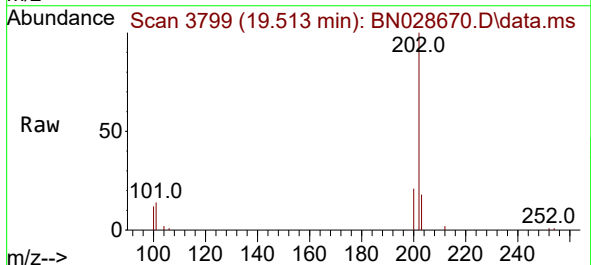
Instrument :
BNA_N
ClientSampleId :
SLCS092

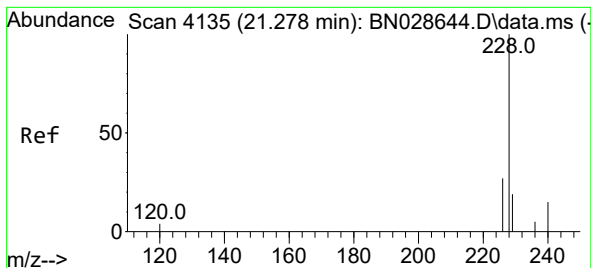
Tgt Ion:202 Resp: 27433
Ion Ratio Lower Upper
202 100
101 12.9 9.5 14.3
100 9.7 7.2 10.8



#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:202 Resp: 31799
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.9 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.310 ng/ul

RT: 21.288 min Scan# 4135

Delta R.T. 0.007 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

Instrument :

BNA_N

ClientSampleId :

SLCS092

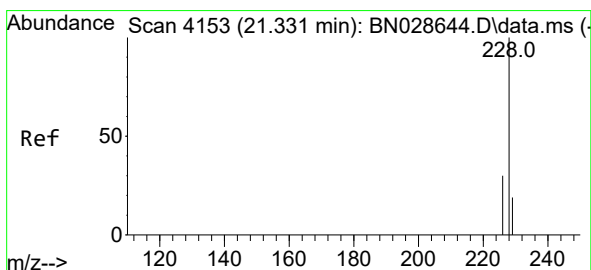
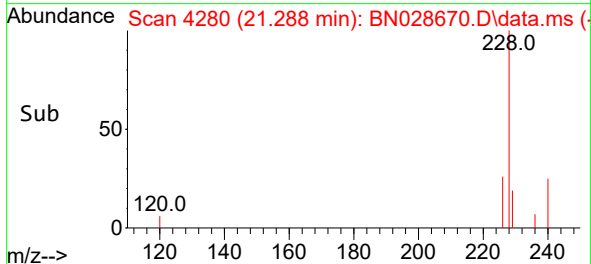
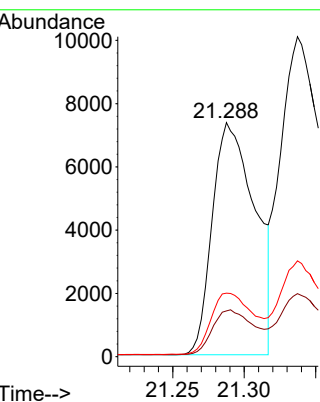
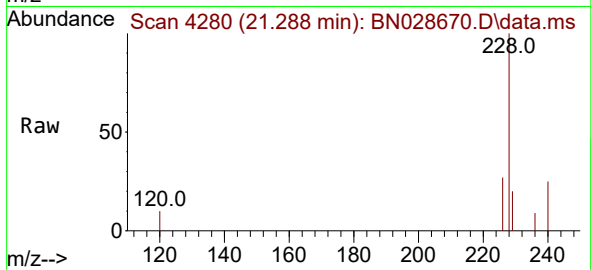
Tgt Ion:228 Resp: 15212

Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 27.1 21.4 32.0



#22

Chrysene

Concen: 0.447 ng/ul

RT: 21.337 min Scan# 4297

Delta R.T. 0.004 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

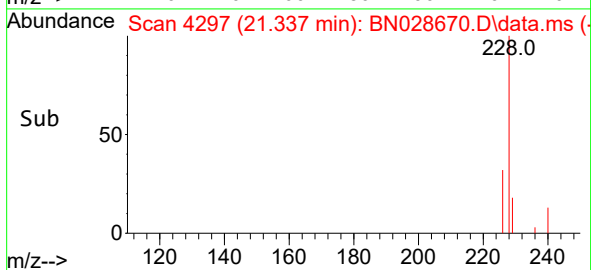
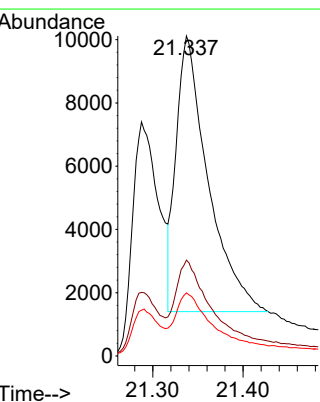
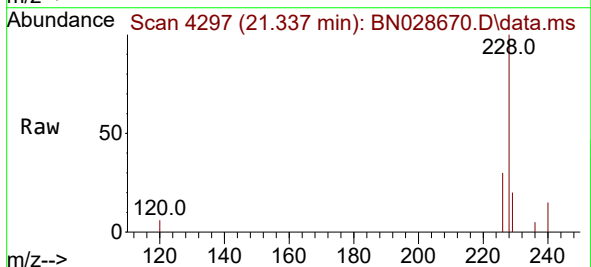
Tgt Ion:228 Resp: 21397

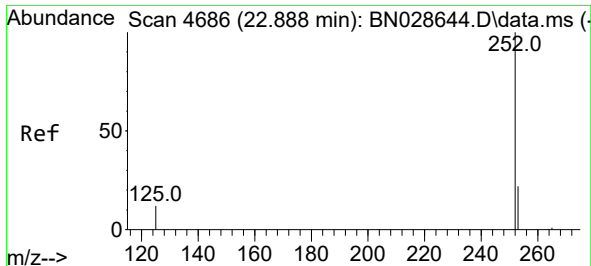
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.7 15.4 23.2

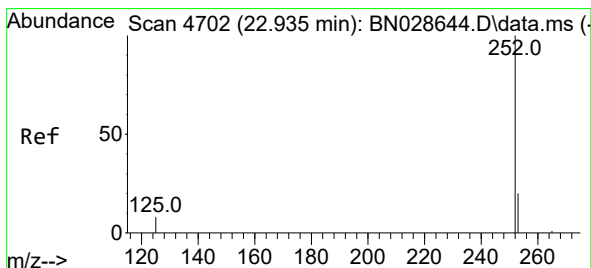
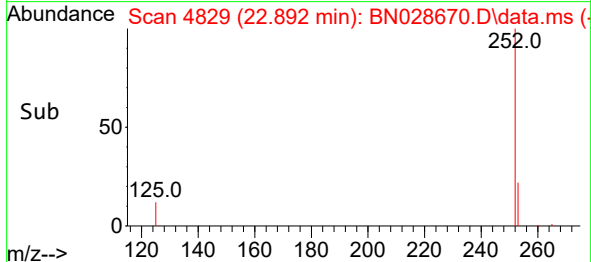
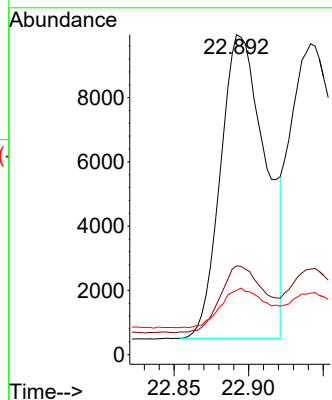
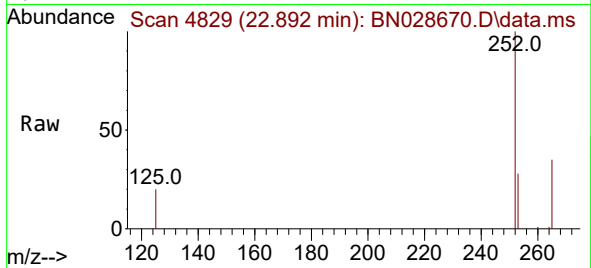




#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 22.892 min Scan# 4829
Delta R.T. 0.004 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

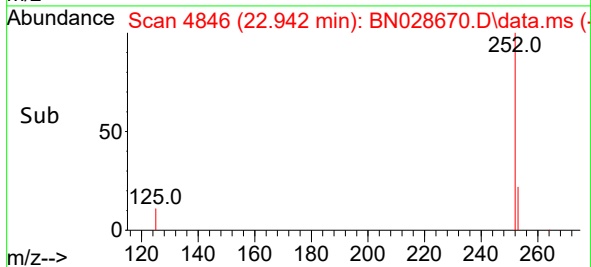
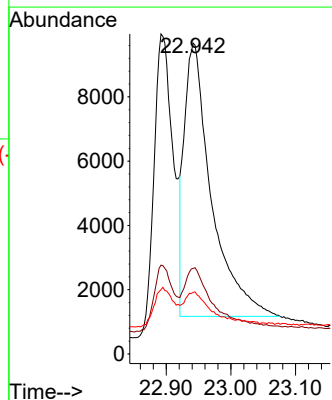
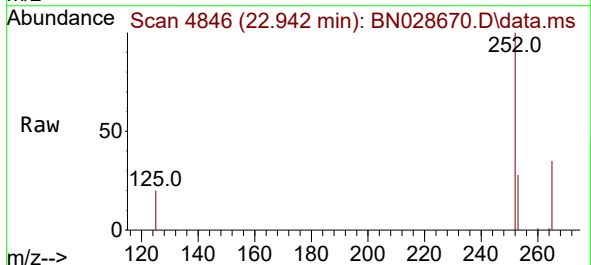
Instrument :
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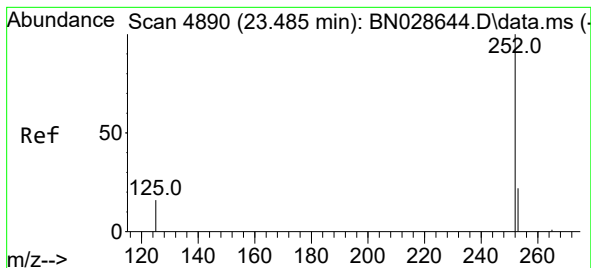
Tgt Ion:252 Resp: 19823
Ion Ratio Lower Upper
252 100
253 27.7 0.0 46.6
125 20.1 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.523 ng/ul
RT: 22.942 min Scan# 4846
Delta R.T. 0.010 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:252 Resp: 24722
Ion Ratio Lower Upper
252 100
253 27.5 18.6 28.0
125 19.8 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.486 ng/ul

RT: 23.491 min Scan# 5034

Delta R.T. 0.010 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

Instrument :

BNA_N

ClientSampleId :

SLCS092

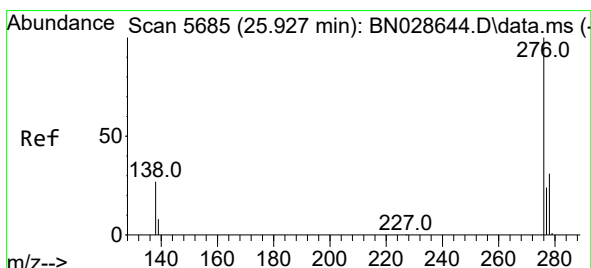
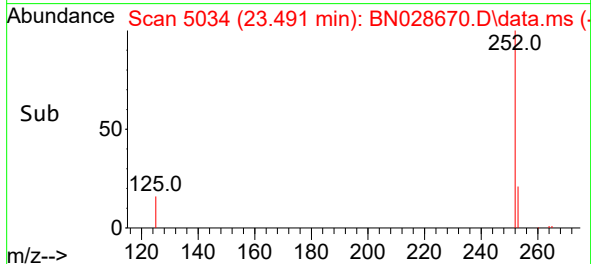
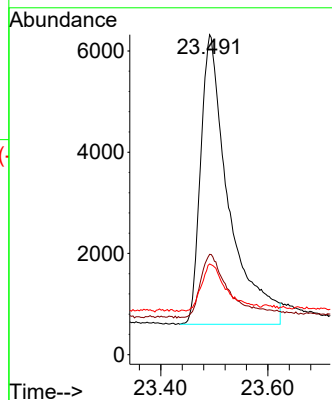
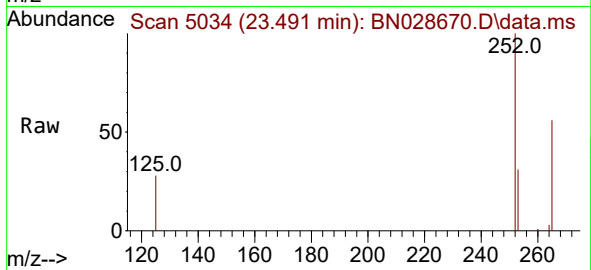
Tgt Ion:252 Resp: 20685

Ion Ratio Lower Upper

252 100

253 31.4 19.0 28.6#

125 28.4 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.536 ng/ul

RT: 25.938 min Scan# 5830

Delta R.T. 0.008 min

Lab File: BN028670.D

Acq: 16 Nov 2023 18:46

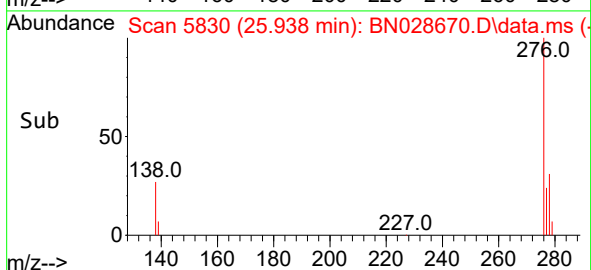
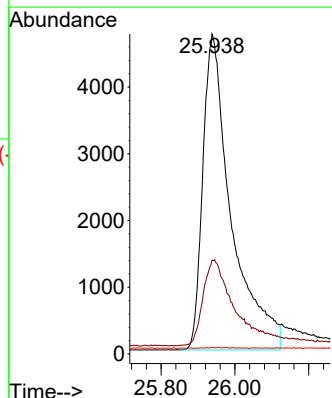
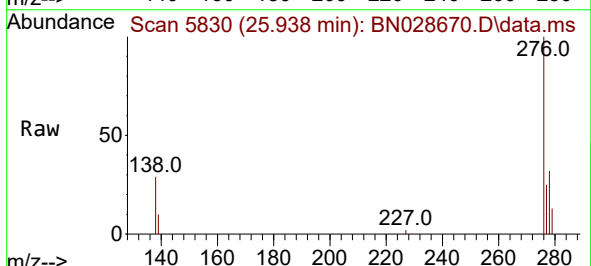
Tgt Ion:276 Resp: 25358

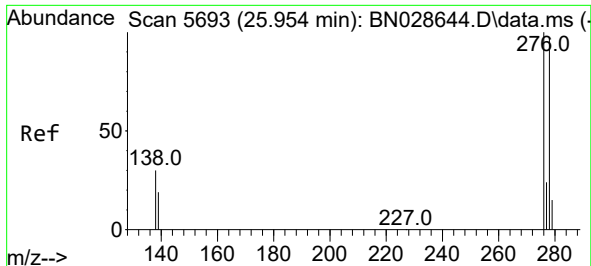
Ion Ratio Lower Upper

276 100

138 30.7 23.8 35.6

227 0.0 0.1 0.1#

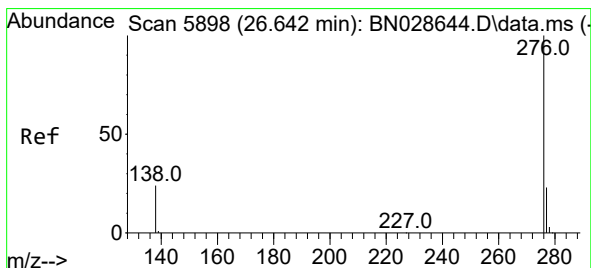
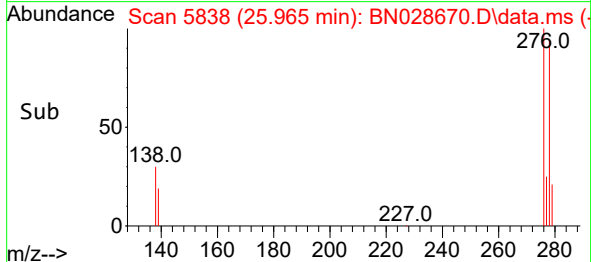
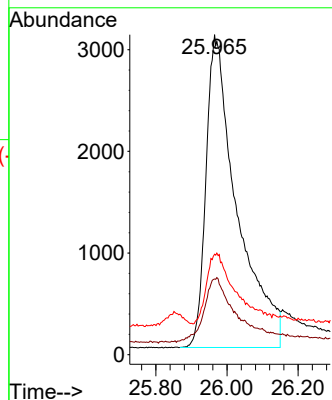
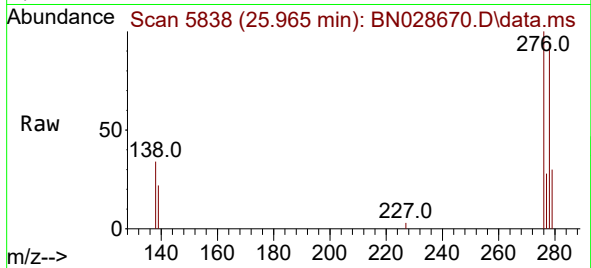




#28
Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 25.965 min Scan# 51
Delta R.T. 0.008 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Instrument :
BNA_N
ClientSampleId :
SLCS092

Tgt Ion:278 Resp: 18559
Ion Ratio Lower Upper
278 100
139 23.7 18.2 27.4
279 31.4 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.606 ng/ul
RT: 26.642 min Scan# 6040
Delta R.T. 0.001 min
Lab File: BN028670.D
Acq: 16 Nov 2023 18:46

Tgt Ion:276 Resp: 23484
Ion Ratio Lower Upper
276 100
138 28.6 20.5 30.7
277 25.3 19.4 29.0

