

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028866.D
 Acq On : 24 Nov 2023 20:00
 Operator : MA/JU
 Sample : PB157190BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS190

Quant Time: Nov 25 01:03:29 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 : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

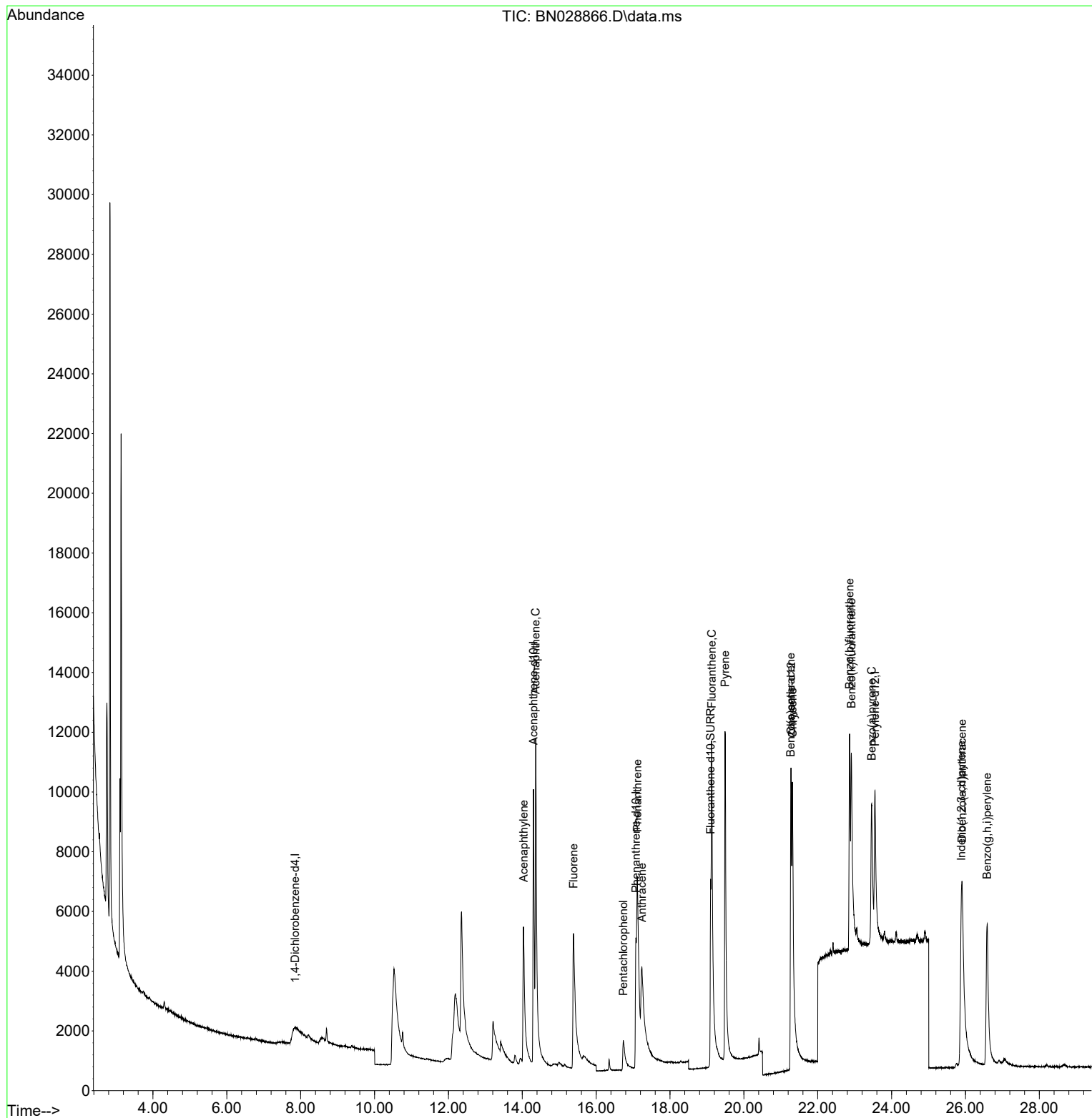
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	1630	0.400	ng/ul	# 0.11
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.46
9) Acenaphthene-d10	14.303	164	8191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	9543	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.279	240	8888	0.400	ng/ul	# 0.00
23) Perylene-d12	23.550	264	8931	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	12.123	152	2517	0.000	ng/ul	0.05
18) Fluoranthene-d10	19.099	212	11619	0.406	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.034	152	12773	0.312	ng/ul	97
11) Acenaphthene	14.363	153	10826	0.360	ng/ul	98
12) Fluorene	15.385	166	8529	0.244	ng/ul	99
14) Pentachlorophenol	16.736	266	1730	0.755	ng/ul	100
15) Phenanthrene	17.116	178	12544	0.428	ng/ul#	95
16) Anthracene	17.238	178	6979	0.260	ng/ul#	91
19) Fluoranthene	19.132	202	14885	0.394	ng/ul	98
20) Pyrene	19.490	202	17179	0.438	ng/ul#	94
21) Benzo(a)anthracene	21.267	228	8565	0.244	ng/ul	96
22) Chrysene	21.314	228	11848	0.345	ng/ul	98
24) Benzo(b)fluoranthene	22.863	252	11130	0.332	ng/ul	78
25) Benzo(k)fluoranthene	22.909	252	13466	0.384	ng/ul#	82
26) Benzo(a)pyrene	23.462	252	12083	0.382	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.884	276	15392	0.438	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.911	278	11725	0.418	ng/ul#	89
29) Benzo(g,h,i)perylene	26.589	276	14100	0.490	ng/ul	95

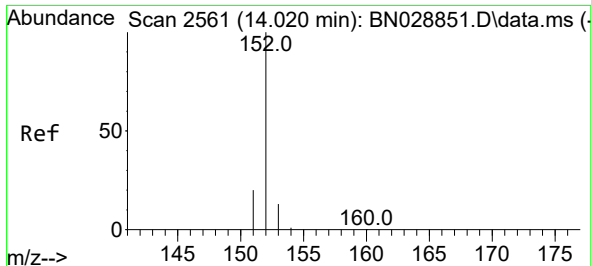
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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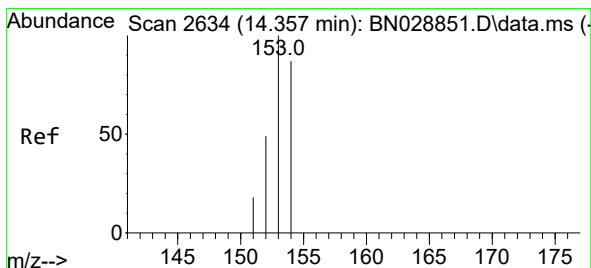
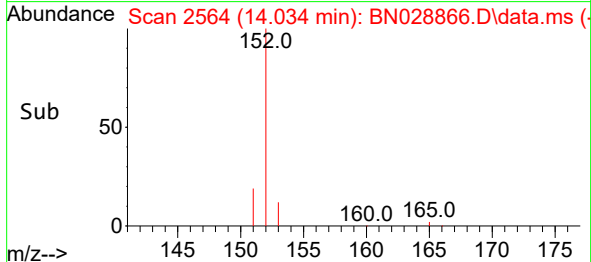
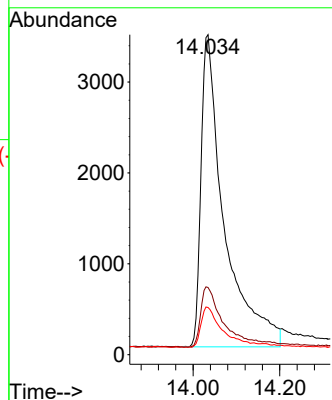
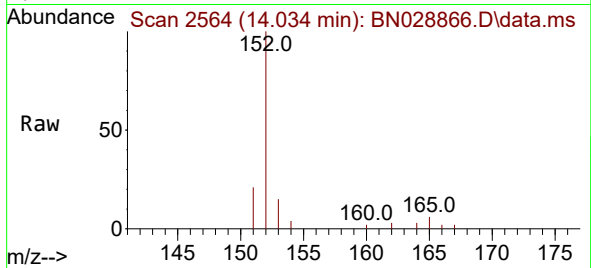




#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.034 min Scan# 2561
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

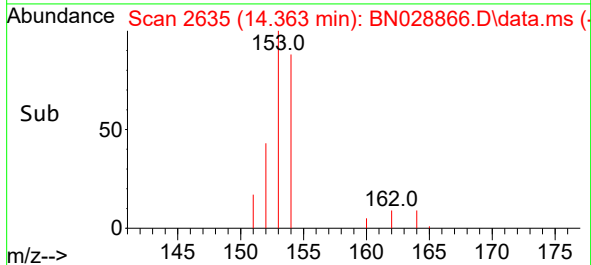
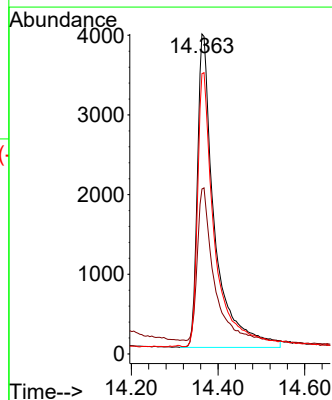
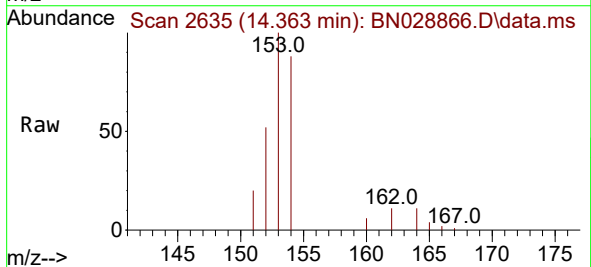
Instrument :
BNA_N
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SLCS190

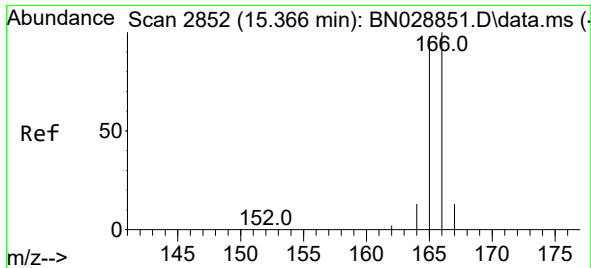
Tgt Ion:152 Resp: 12773
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.7 10.6 15.8



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.363 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Tgt Ion:153 Resp: 10826
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 87.6 71.0 106.6

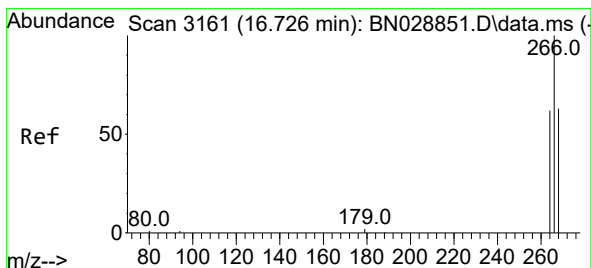
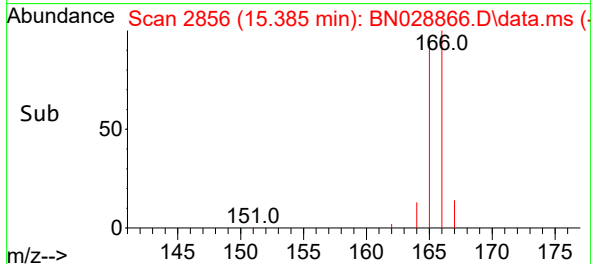
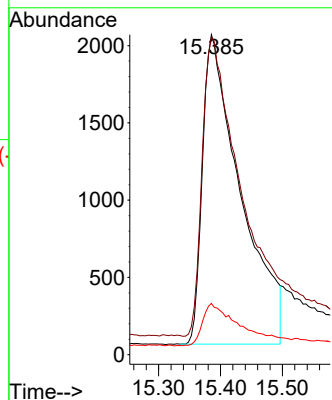
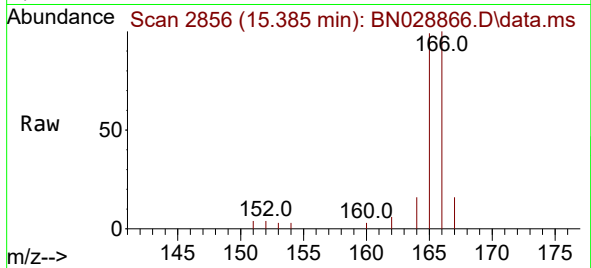




#12
Fluorene
Concen: 0.244 ng/ul
RT: 15.385 min Scan# 21
Delta R.T. 0.018 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

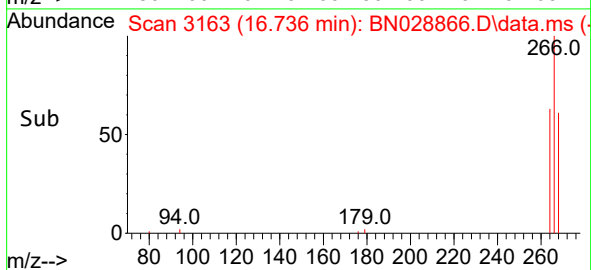
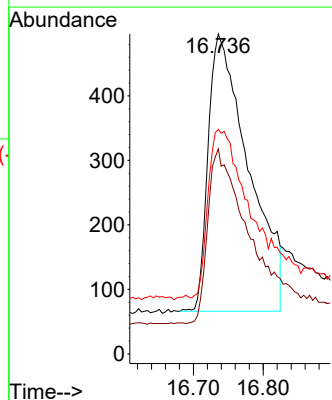
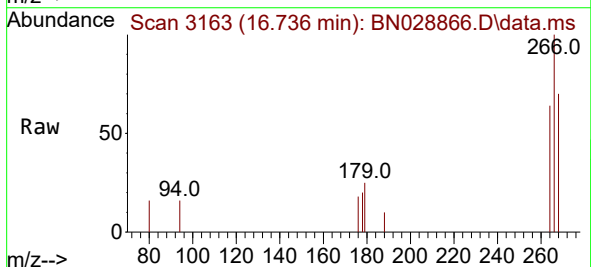
Instrument :
BNA_N
ClientSampleId :
SLCS190

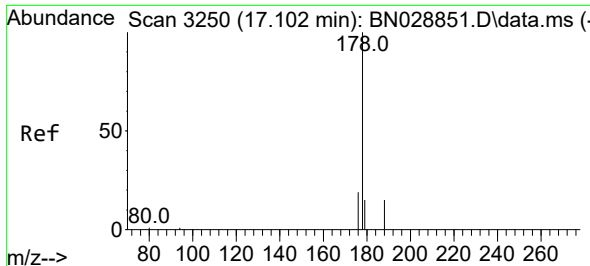
Tgt Ion:166 Resp: 8529
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 16.0 11.0 16.6



#14
Pentachlorophenol
Concen: 0.755 ng/ul
RT: 16.736 min Scan# 3163
Delta R.T. 0.013 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Tgt Ion:266 Resp: 1730
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 63.0 50.6 75.8

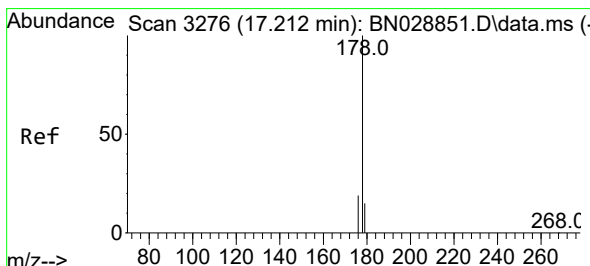
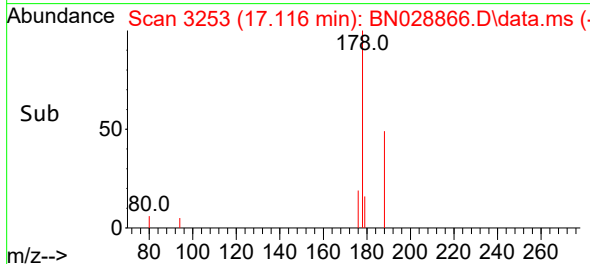
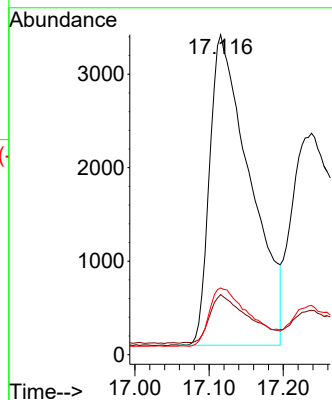
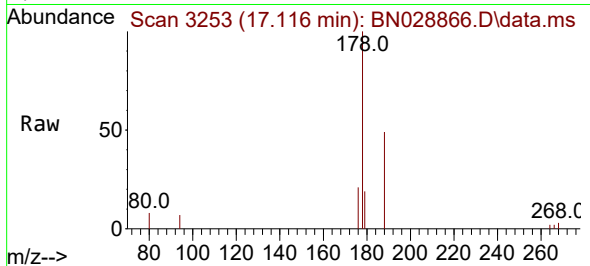




#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.116 min Scan# 31
Delta R.T. 0.013 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

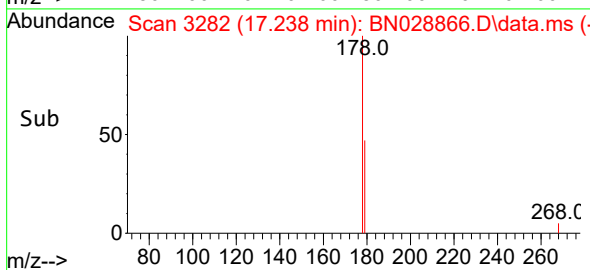
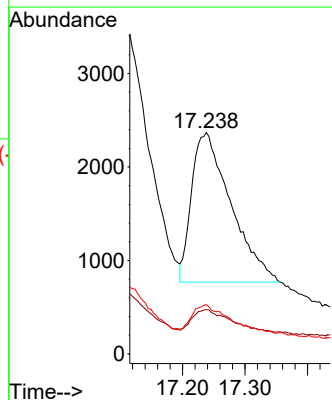
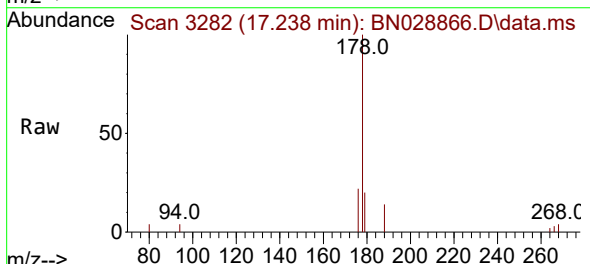
Instrument :
BNA_N
ClientSampleId :
SLCS190

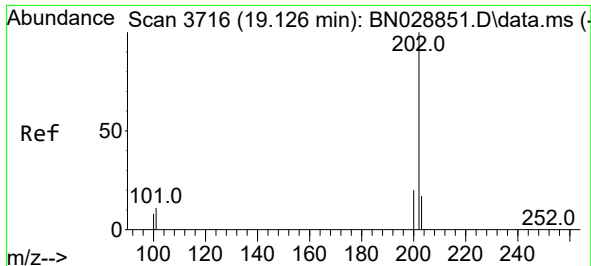
Tgt Ion:178 Resp: 12544
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6#
176 20.8 15.4 23.2



#16
Anthracene
Concen: 0.260 ng/ul
RT: 17.238 min Scan# 3282
Delta R.T. 0.034 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Tgt Ion:178 Resp: 6979
Ion Ratio Lower Upper
178 100
179 20.0 12.6 18.8#
176 22.2 14.9 22.3

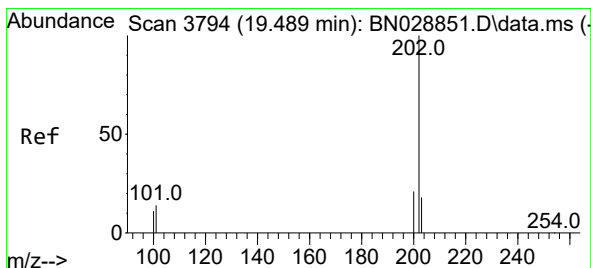
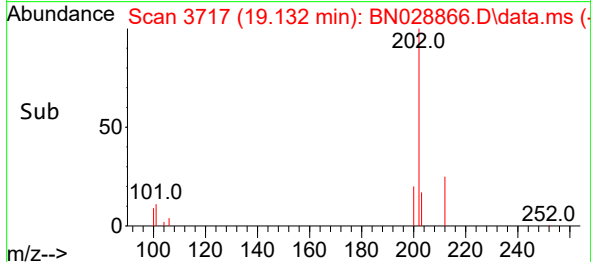
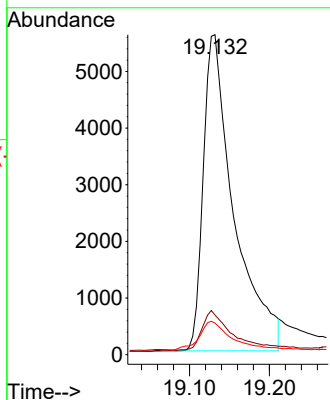
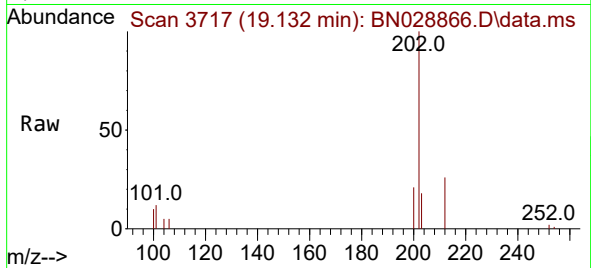




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.132 min Scan# 3717
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

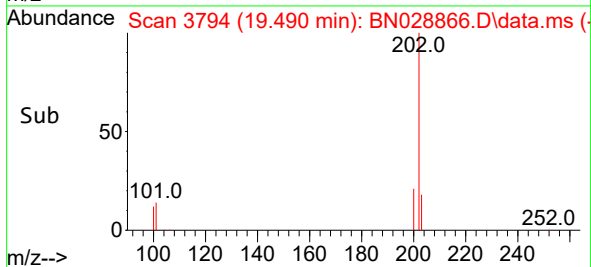
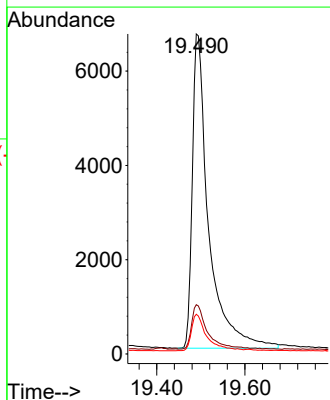
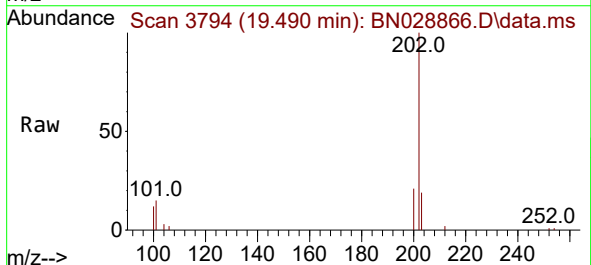
Instrument :
BNA_N
ClientSampleId :
SLCS190

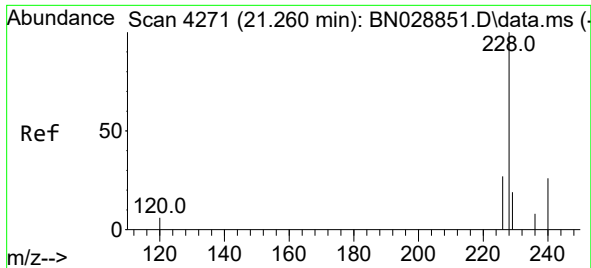
Tgt Ion:202 Resp: 14885
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.9 7.2 10.8



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.490 min Scan# 3794
Delta R.T. 0.005 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Tgt Ion:202 Resp: 17179
Ion Ratio Lower Upper
202 100
101 15.4 10.3 15.5
100 12.4 8.2 12.2#

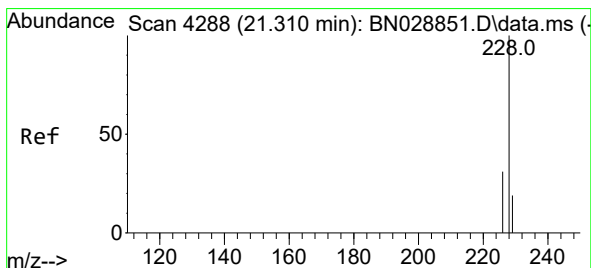
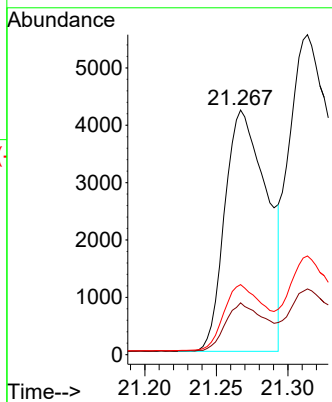
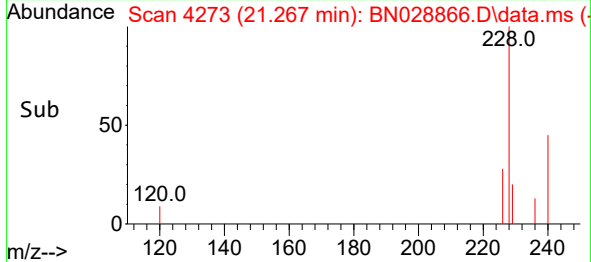
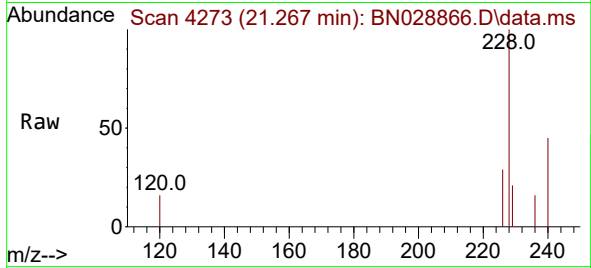




#21
Benzo(a)anthracene
Concen: 0.244 ng/ul
RT: 21.267 min Scan# 4273
Delta R.T. 0.012 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

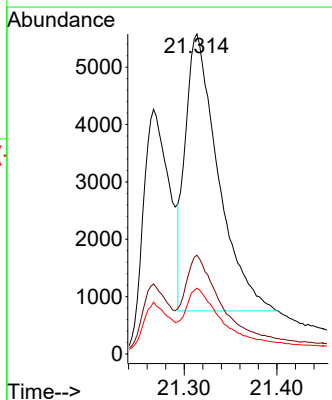
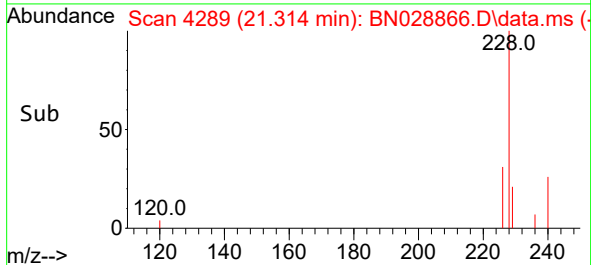
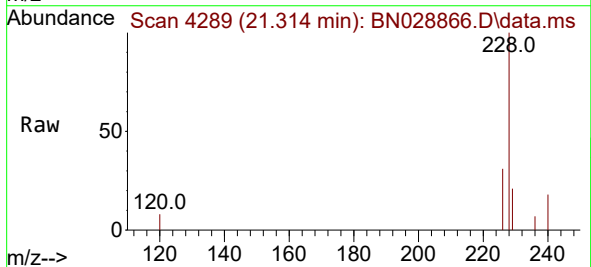
Instrument :
BNA_N
ClientSampleId :
SLCS190

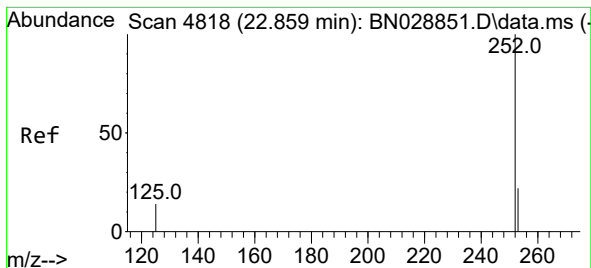
Tgt Ion:228 Resp: 8565
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.7 21.4 32.0



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.314 min Scan# 4289
Delta R.T. 0.009 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Tgt Ion:228 Resp: 11848
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 20.6 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.332 ng/ul

RT: 22.863 min Scan# 4819

Delta R.T. 0.009 min

Lab File: BN028866.D

Acq: 24 Nov 2023 20:00

Instrument :

BNA_N

ClientSampleId :

SLCS190

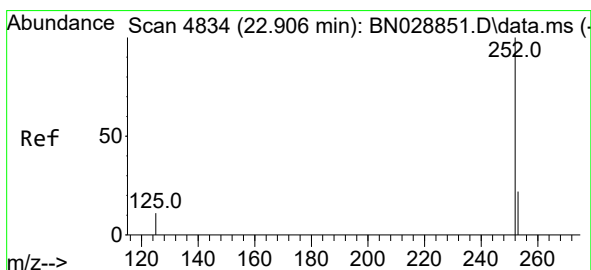
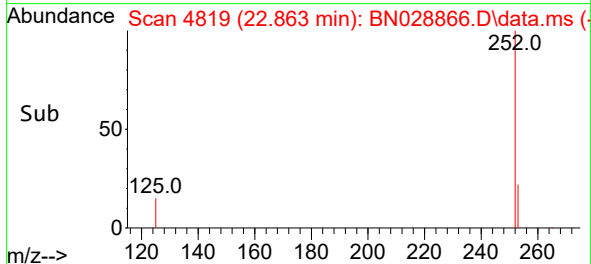
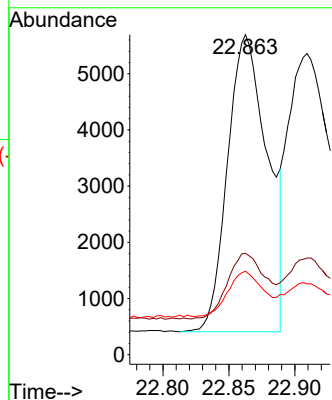
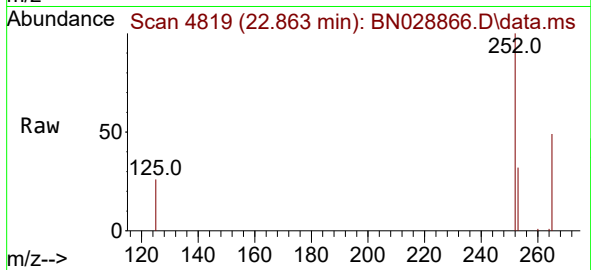
Tgt Ion:252 Resp: 11130

Ion Ratio Lower Upper

252 100

253 31.7 0.0 46.6

125 26.1 0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.384 ng/ul

RT: 22.909 min Scan# 4835

Delta R.T. 0.006 min

Lab File: BN028866.D

Acq: 24 Nov 2023 20:00

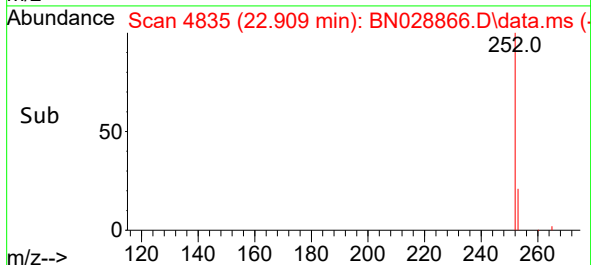
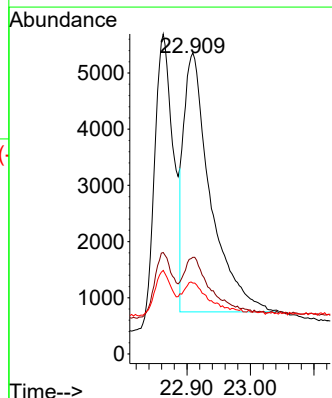
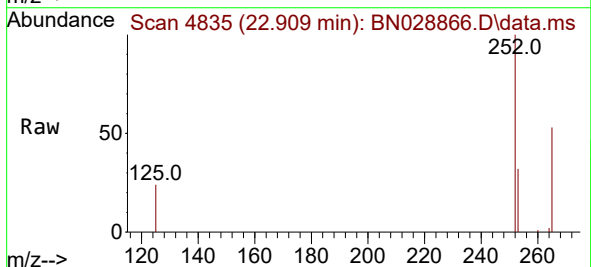
Tgt Ion:252 Resp: 13466

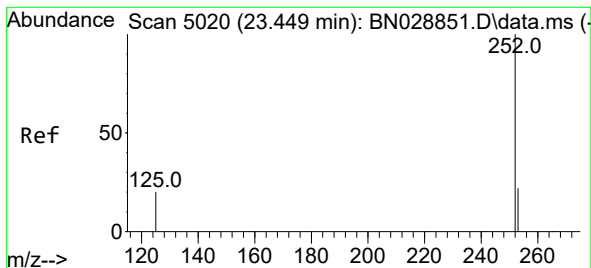
Ion Ratio Lower Upper

252 100

253 32.1 18.6 28.0#

125 23.5 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.462 min Scan# 5020

Delta R.T. 0.017 min

Lab File: BN028866.D

Acq: 24 Nov 2023 20:00

Instrument :

BNA_N

ClientSampleId :

SLCS190

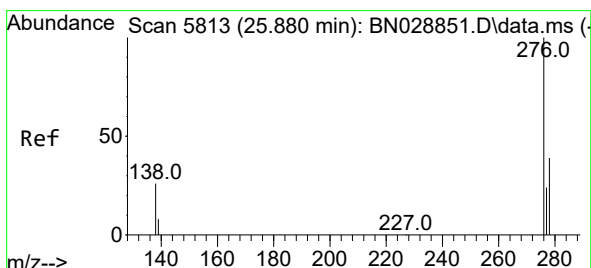
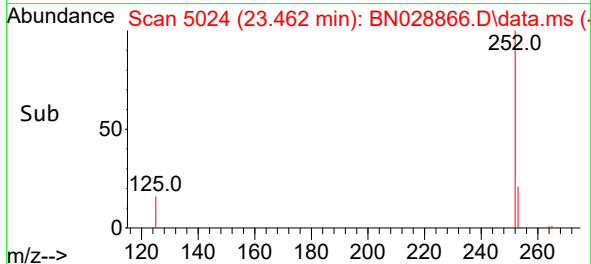
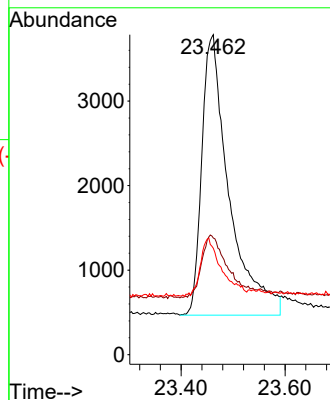
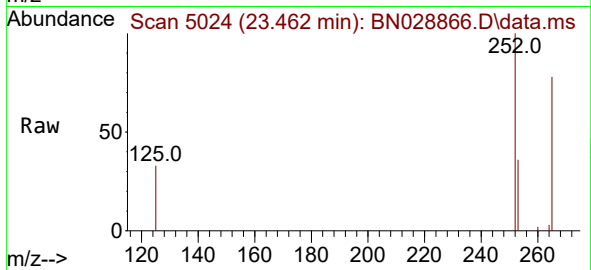
Tgt Ion:252 Resp: 12083

Ion Ratio Lower Upper

252 100

253 36.5 19.0 28.6#

125 33.2 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.438 ng/ul

RT: 25.884 min Scan# 5814

Delta R.T. 0.010 min

Lab File: BN028866.D

Acq: 24 Nov 2023 20:00

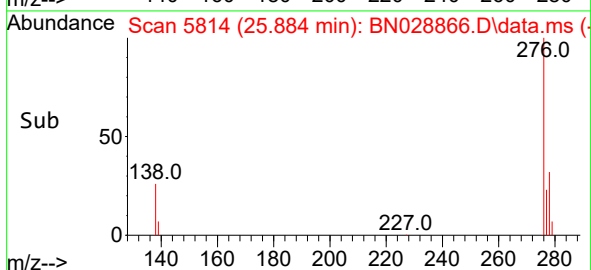
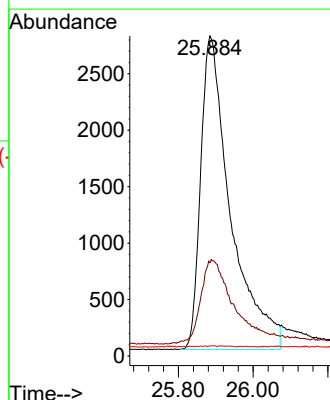
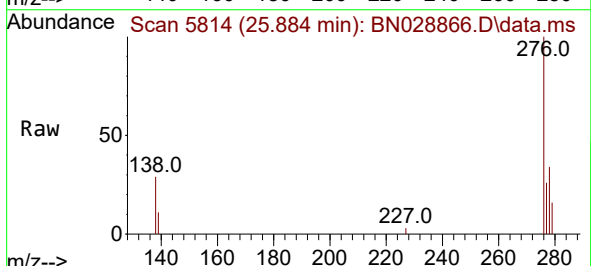
Tgt Ion:276 Resp: 15392

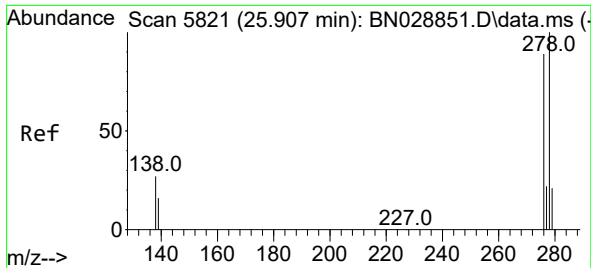
Ion Ratio Lower Upper

276 100

138 29.7 23.8 35.6

227 0.1 0.1 0.1#

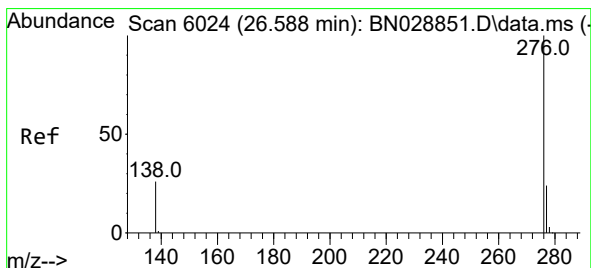
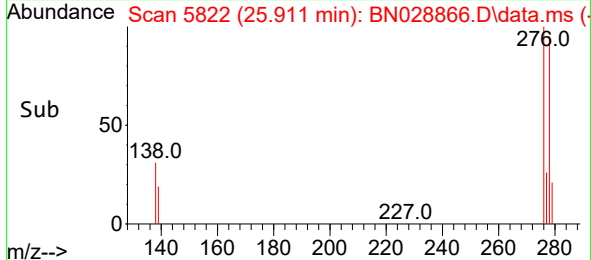
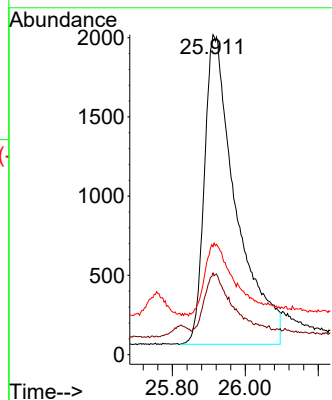
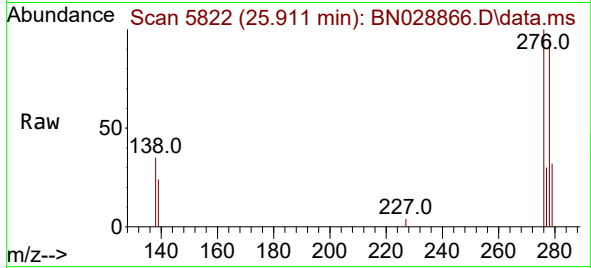




#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 25.911 min Scan# 5821
Delta R.T. 0.013 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Instrument :
BNA_N
ClientSampleId :
SLCS190

Tgt Ion:278 Resp: 11725
Ion Ratio Lower Upper
278 100
139 25.5 18.2 27.4
279 33.7 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.490 ng/ul
RT: 26.589 min Scan# 6024
Delta R.T. 0.010 min
Lab File: BN028866.D
Acq: 24 Nov 2023 20:00

Tgt Ion:276 Resp: 14100
Ion Ratio Lower Upper
276 100
138 28.8 20.5 30.7
277 25.6 19.4 29.0

