

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028865.D
 Acq On : 24 Nov 2023 19:25
 Operator : MA/JU
 Sample : PB157174BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS174

Quant Time: Nov 25 01:03:19 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)

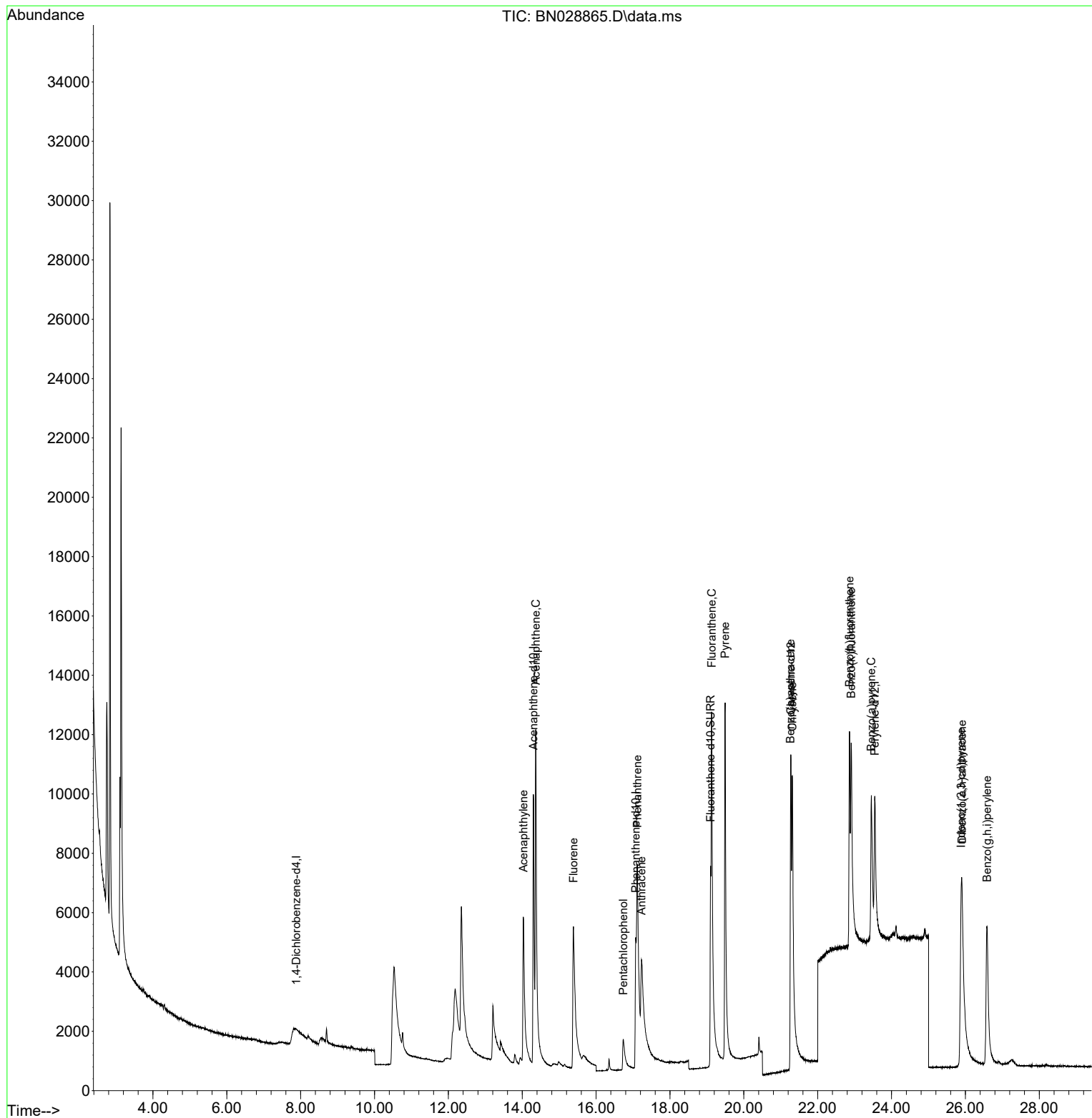
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	1614	0.400	ng/ul	# 0.15
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.46
9) Acenaphthene-d10	14.302	164	8060	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	9789	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.274	240	8743	0.400	ng/ul	# 0.00
23) Perylene-d12	23.548	264	8529	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	12.122	152	2741	0.000	ng/ul	0.05
18) Fluoranthene-d10	19.102	212	12456	0.443	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.029	152	13460	0.335	ng/ul	97
11) Acenaphthene	14.366	153	11206	0.379	ng/ul	99
12) Fluorene	15.389	166	9056	0.263	ng/ul	98
14) Pentachlorophenol	16.734	266	1782	0.759	ng/ul	100
15) Phenanthrene	17.119	178	13355	0.444	ng/ul	95
16) Anthracene	17.228	178	7487	0.271	ng/ul#	92
19) Fluoranthene	19.130	202	15891	0.427	ng/ul	97
20) Pyrene	19.493	202	18272	0.474	ng/ul	95
21) Benzo(a)anthracene	21.265	228	9065	0.262	ng/ul	98
22) Chrysene	21.312	228	12911	0.382	ng/ul	98
24) Benzo(b)fluoranthene	22.861	252	11229	0.351	ng/ul	79
25) Benzo(k)fluoranthene	22.908	252	14182	0.423	ng/ul#	82
26) Benzo(a)pyrene	23.451	252	12156	0.402	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.883	276	15541	0.463	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.909	278	11817	0.441	ng/ul#	87
29) Benzo(g,h,i)perylene	26.584	276	14147	0.515	ng/ul	96

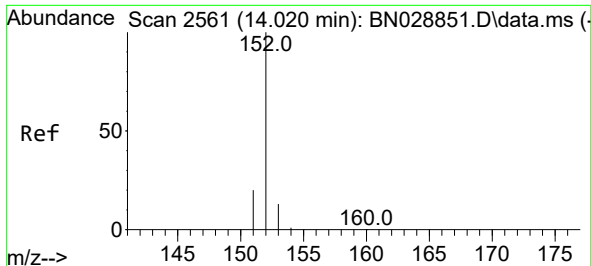
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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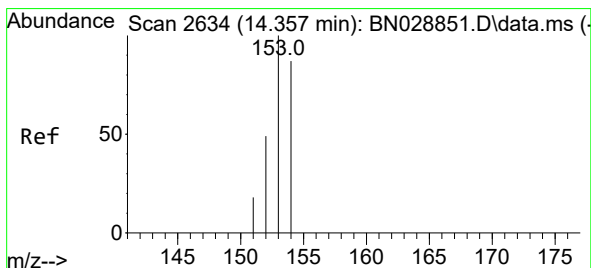
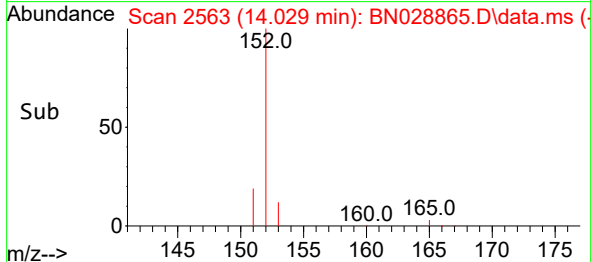
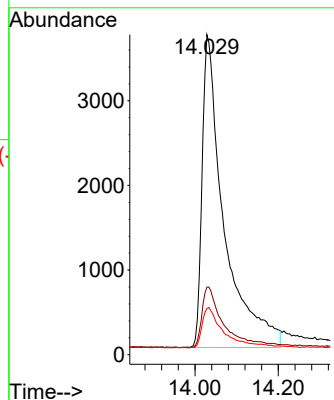
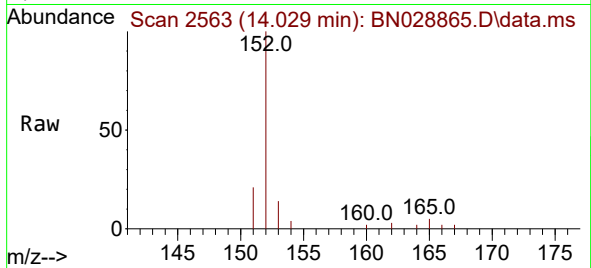




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.029 min Scan# 2561
Delta R.T. 0.003 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

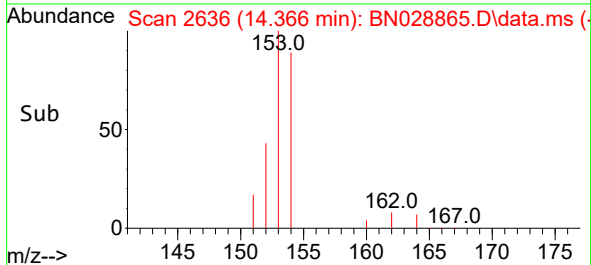
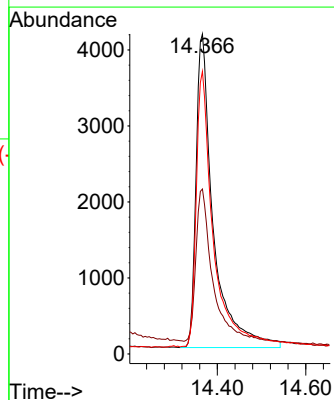
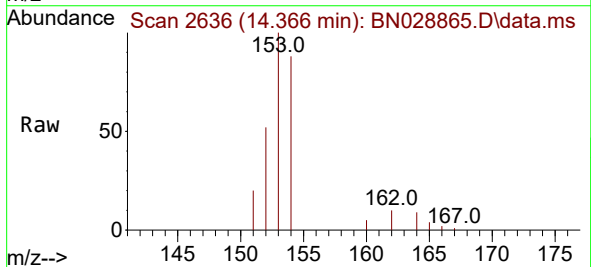
Instrument :
BNA_N
ClientSampleId :
SLCS174

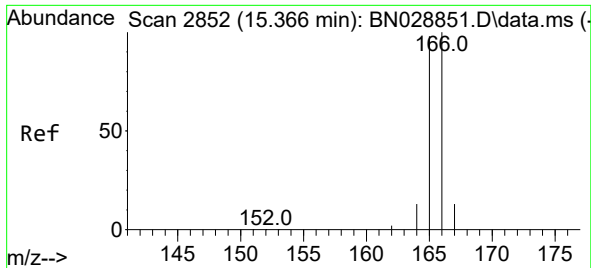
Tgt Ion:152 Resp: 13460
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 14.5 10.6 15.8



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.366 min Scan# 2636
Delta R.T. 0.003 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

Tgt Ion:153 Resp: 11206
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 88.3 71.0 106.6

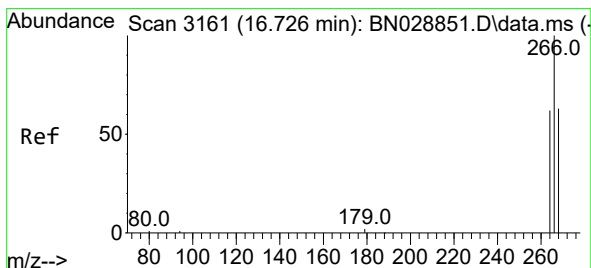
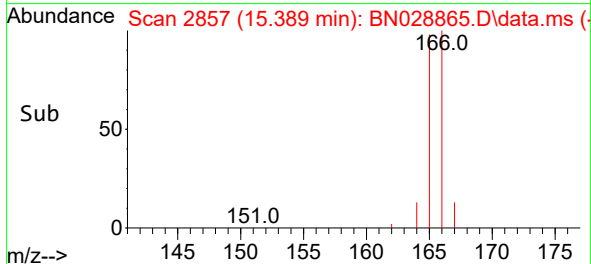
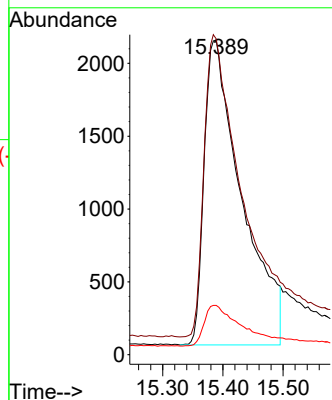
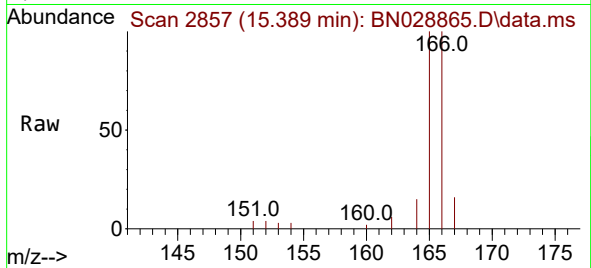




#12
Fluorene
Concen: 0.263 ng/ul
RT: 15.389 min Scan# 2857
Delta R.T. 0.022 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

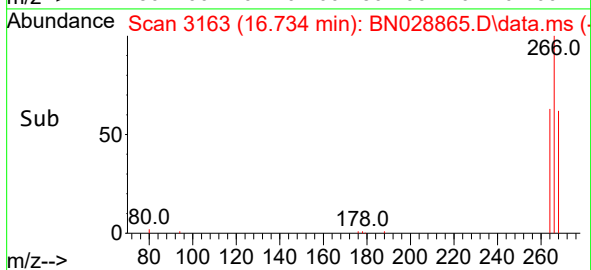
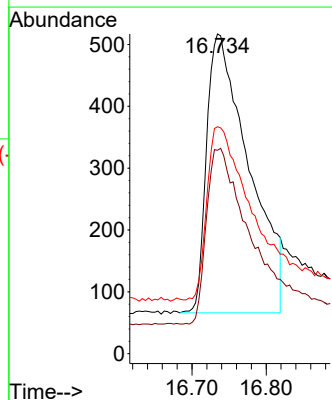
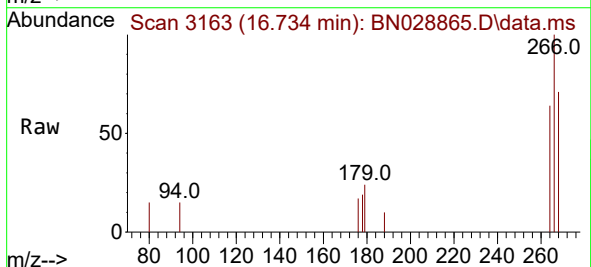
Instrument :
BNA_N
ClientSampleId :
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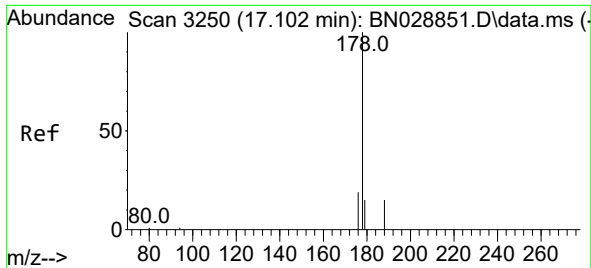
Tgt Ion:166 Resp: 9056
Ion Ratio Lower Upper
166 100
165 100.5 78.6 118.0
167 15.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.759 ng/ul
RT: 16.734 min Scan# 3163
Delta R.T. 0.011 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

Tgt Ion:266 Resp: 1782
Ion Ratio Lower Upper
266 100
264 62.9 50.1 75.1
268 63.1 50.6 75.8

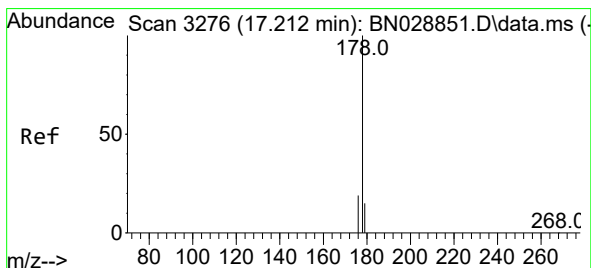
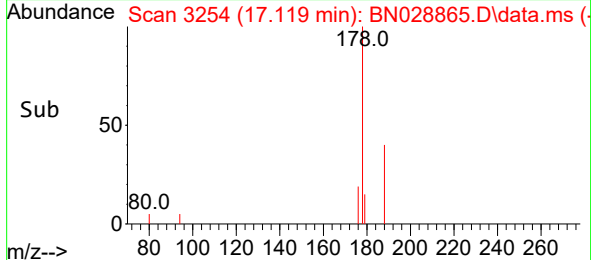
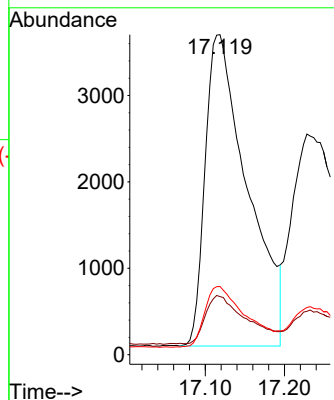
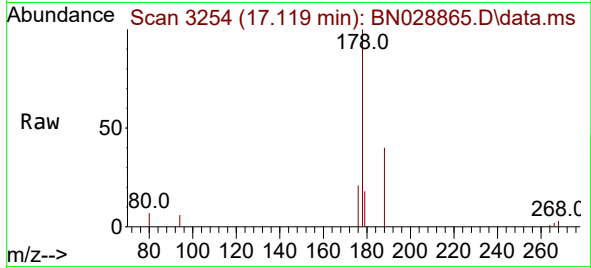




#15
Phenanthrene
Concen: 0.444 ng/ul
RT: 17.119 min Scan# 31
Delta R.T. 0.016 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

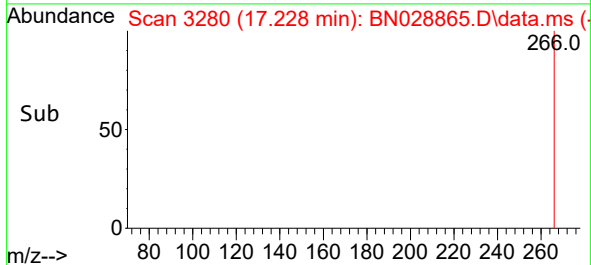
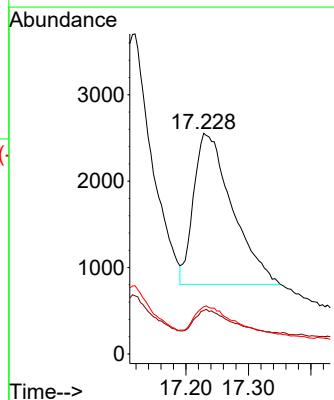
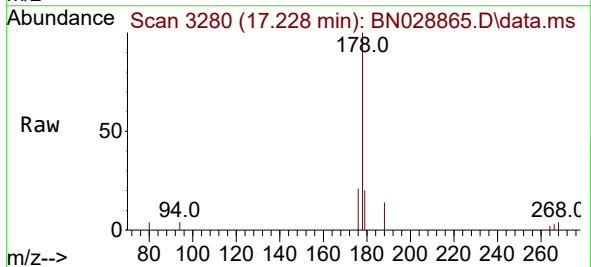
Instrument :
BNA_N
ClientSampleId :
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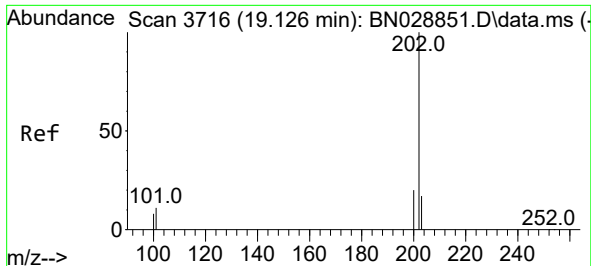
Tgt Ion:178 Resp: 13355
Ion Ratio Lower Upper
178 100
179 18.1 12.4 18.6
176 21.3 15.4 23.2



#16
Anthracene
Concen: 0.271 ng/ul
RT: 17.228 min Scan# 3280
Delta R.T. 0.024 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

Tgt Ion:178 Resp: 7487
Ion Ratio Lower Upper
178 100
179 19.7 12.6 18.8#
176 21.4 14.9 22.3

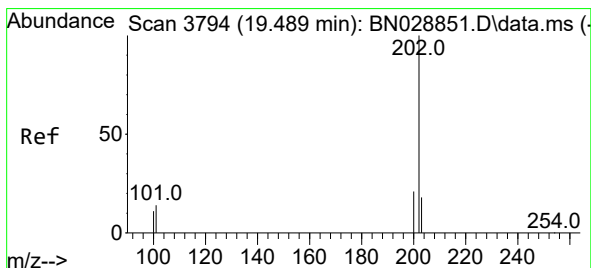
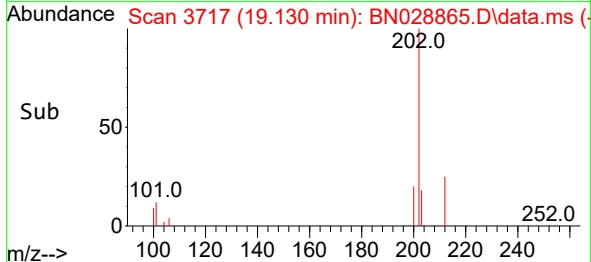
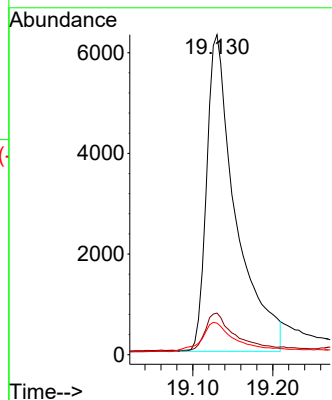
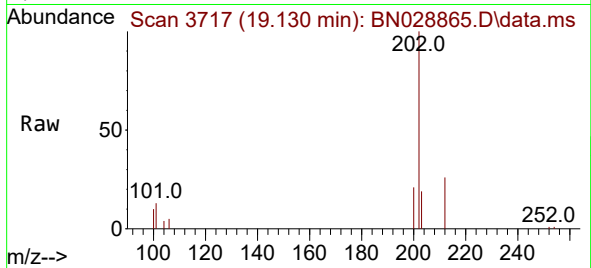




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.130 min Scan# 31
Delta R.T. 0.008 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

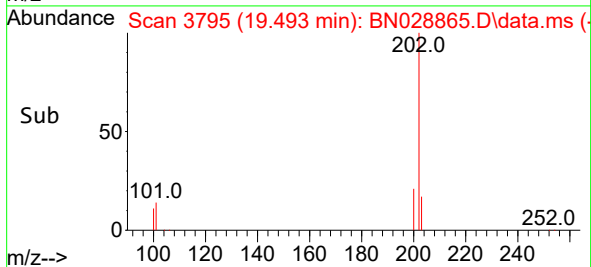
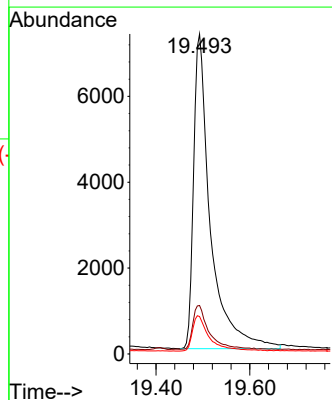
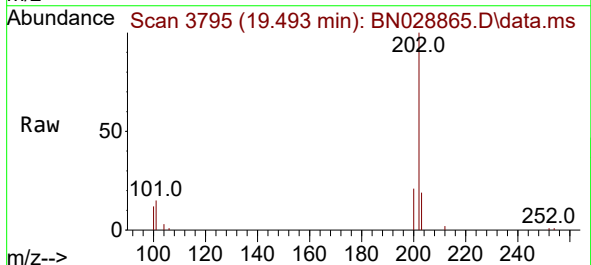
Instrument :
BNA_N
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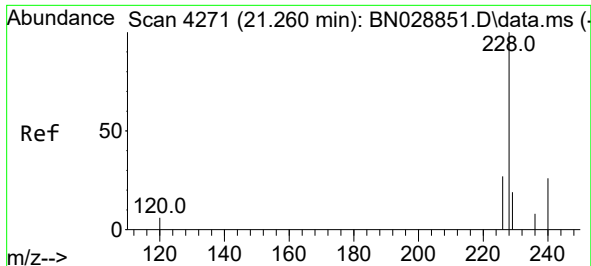
Tgt Ion:202 Resp: 15891
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
100 9.9 7.2 10.8



#20
Pyrene
Concen: 0.474 ng/ul
RT: 19.493 min Scan# 3795
Delta R.T. 0.008 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

Tgt Ion:202 Resp: 18272
Ion Ratio Lower Upper
202 100
101 15.1 10.3 15.5
100 11.7 8.2 12.2

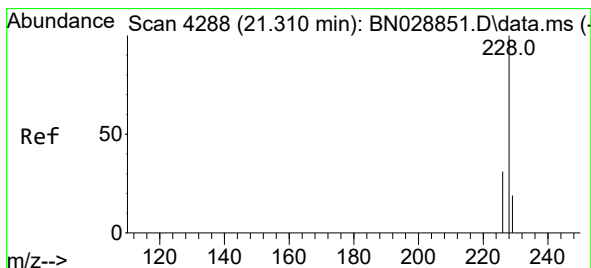
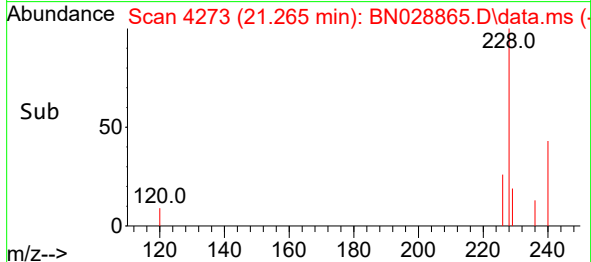
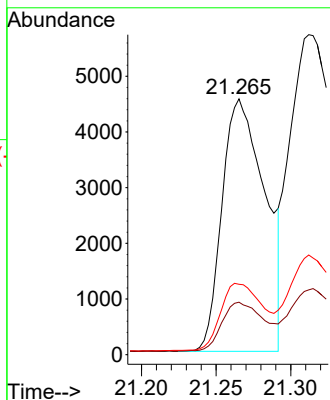
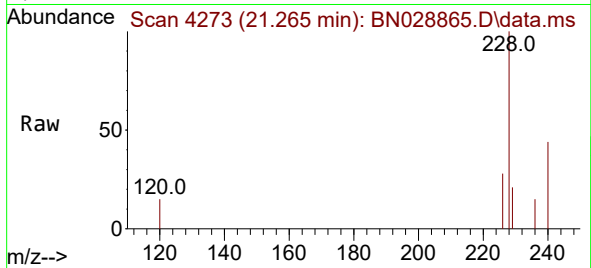




#21
Benzo(a)anthracene
Concen: 0.262 ng/ul
RT: 21.265 min Scan# 4273
Delta R.T. 0.010 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

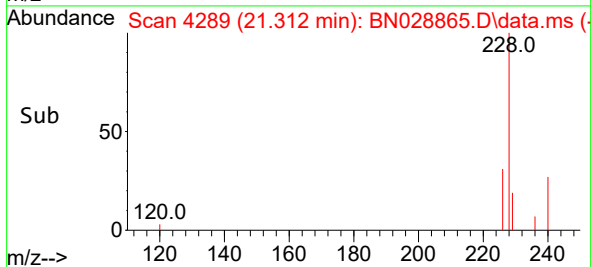
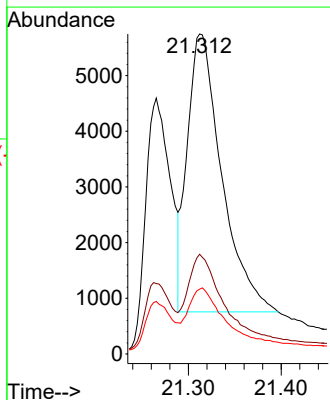
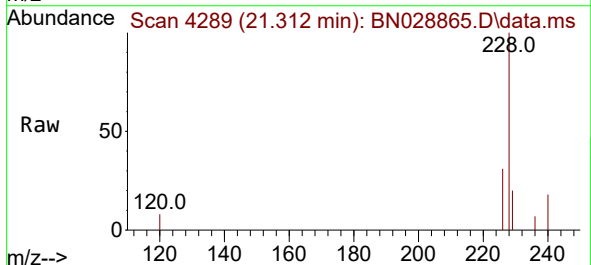
Instrument :
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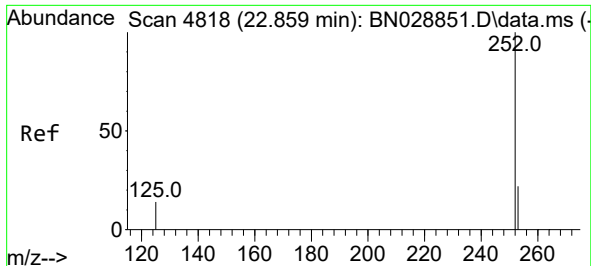
Tgt Ion:228 Resp: 9065
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.6 21.4 32.0



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.312 min Scan# 4289
Delta R.T. 0.007 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

Tgt Ion:228 Resp: 12911
Ion Ratio Lower Upper
228 100
226 31.2 23.8 35.8
229 20.3 15.4 23.2

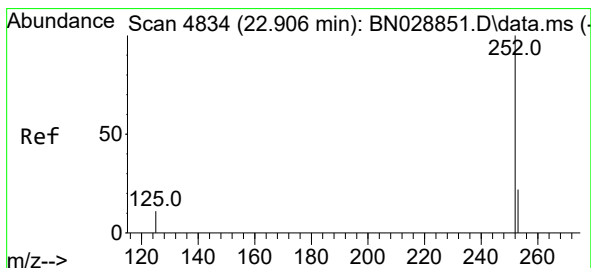
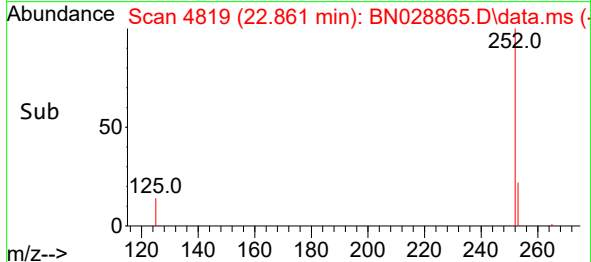
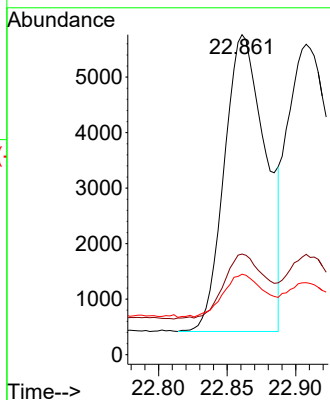
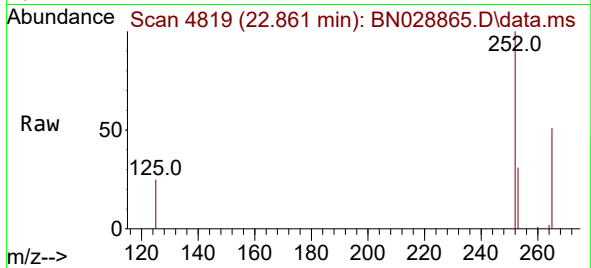




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.861 min Scan# 4819
Delta R.T. 0.007 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

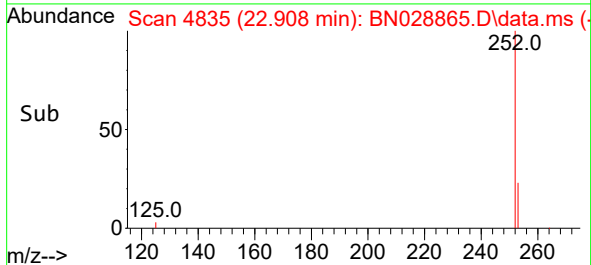
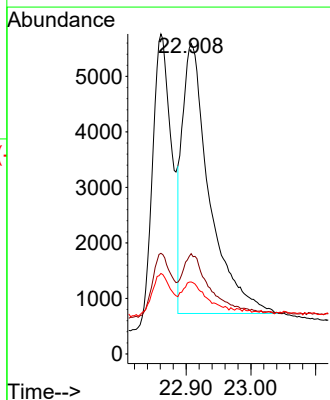
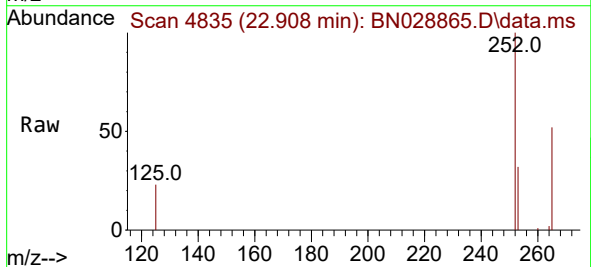
Instrument :
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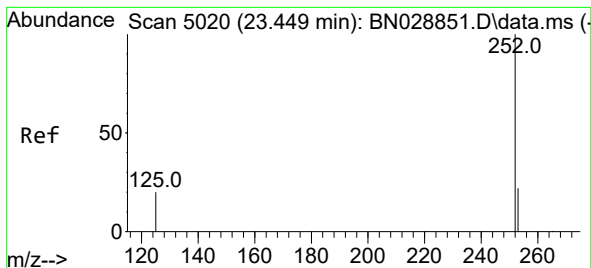
Tgt Ion:252 Resp: 11229
Ion Ratio Lower Upper
252 100
253 31.4 0.0 46.6
125 25.2 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.908 min Scan# 4835
Delta R.T. 0.004 min
Lab File: BN028865.D
Acq: 24 Nov 2023 19:25

Tgt Ion:252 Resp: 14182
Ion Ratio Lower Upper
252 100
253 32.3 18.6 28.0#
125 23.2 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 23.451 min Scan# 5020

Delta R.T. 0.007 min

Lab File: BN028865.D

Acq: 24 Nov 2023 19:25

Instrument :

BNA_N

ClientSampleId :

SLCS174

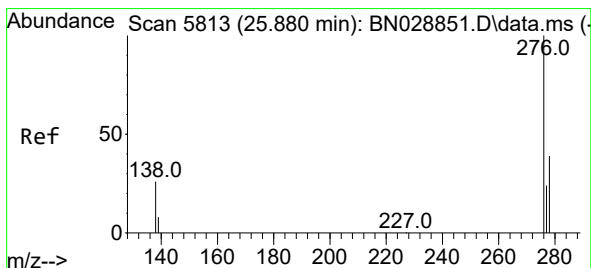
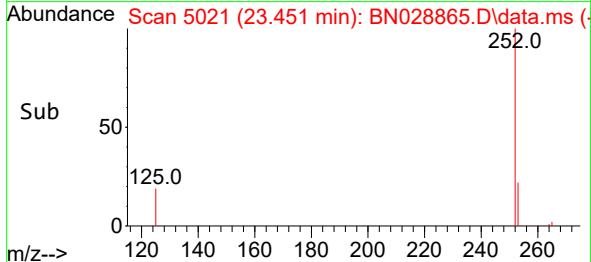
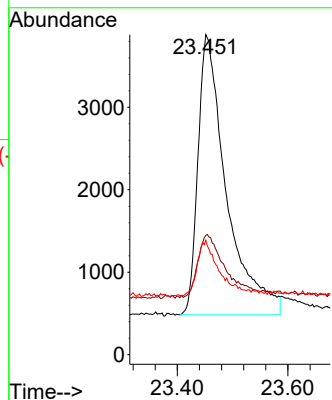
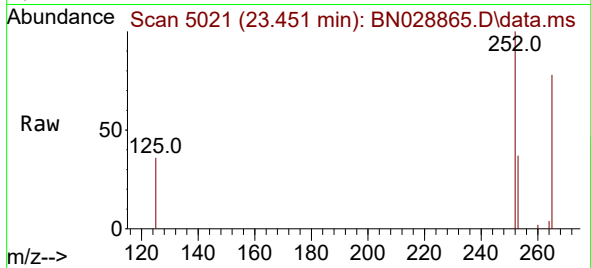
Tgt Ion:252 Resp: 12156

Ion Ratio Lower Upper

252 100

253 37.3 19.0 28.6#

125 35.7 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.463 ng/ul

RT: 25.883 min Scan# 5814

Delta R.T. 0.008 min

Lab File: BN028865.D

Acq: 24 Nov 2023 19:25

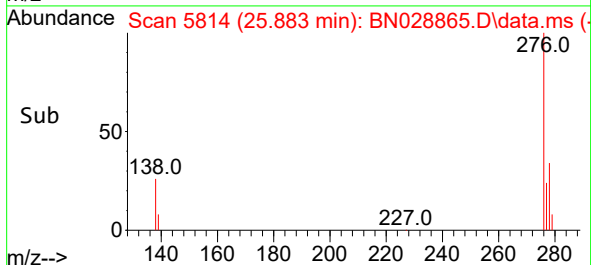
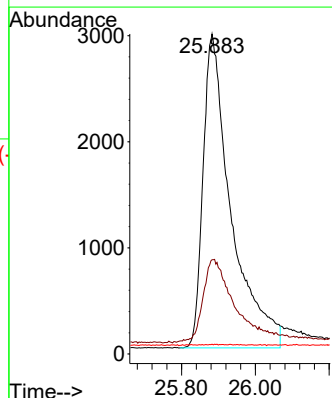
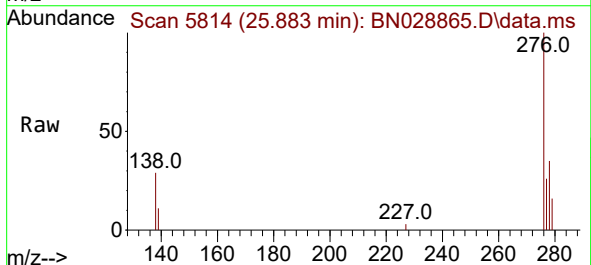
Tgt Ion:276 Resp: 15541

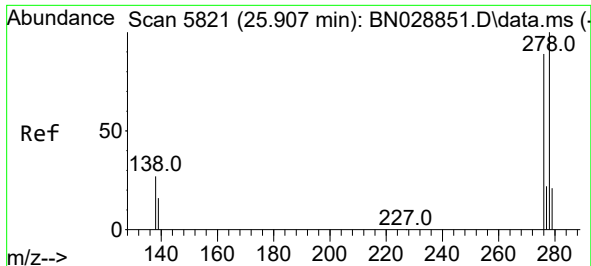
Ion Ratio Lower Upper

276 100

138 30.0 23.8 35.6

227 0.0 0.1 0.1#

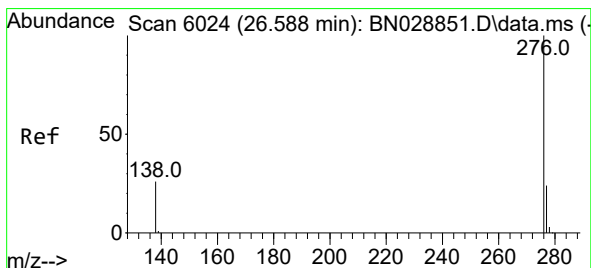
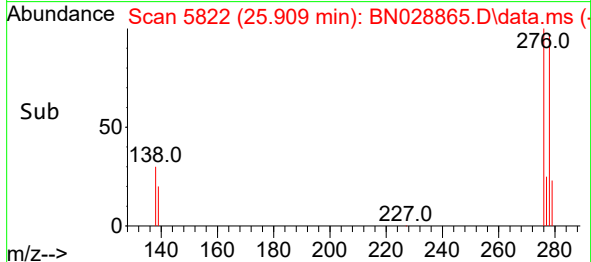
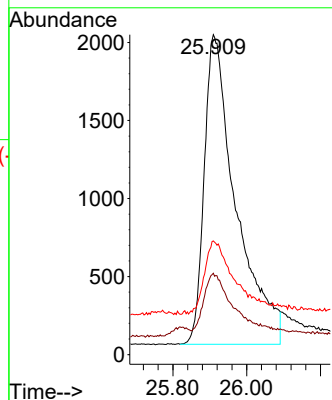
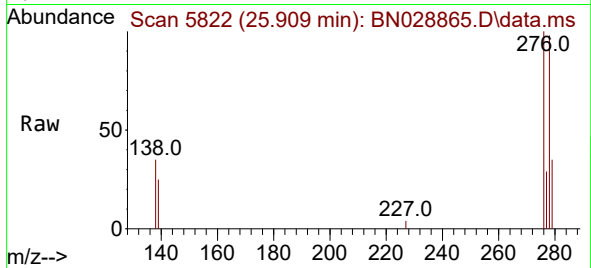




#28
 Dibenzo(a,h)anthracene
 Concen: 0.441 ng/ul
 RT: 25.909 min Scan# 5821
 Delta R.T. 0.012 min
 Lab File: BN028865.D
 Acq: 24 Nov 2023 19:25

Instrument :
 BNA_N
 ClientSampleId :
 SLCS174

Tgt Ion:278 Resp: 11817
 Ion Ratio Lower Upper
 278 100
 139 25.4 18.2 27.4
 279 35.6 20.7 31.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.515 ng/ul
 RT: 26.584 min Scan# 6023
 Delta R.T. 0.005 min
 Lab File: BN028865.D
 Acq: 24 Nov 2023 19:25

Tgt Ion:276 Resp: 14147
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.5 30.7
 277 25.8 19.4 29.0

