

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028838.D
 Acq On : 22 Nov 2023 13:47
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4328

Quant Time: Nov 22 21:36:46 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)

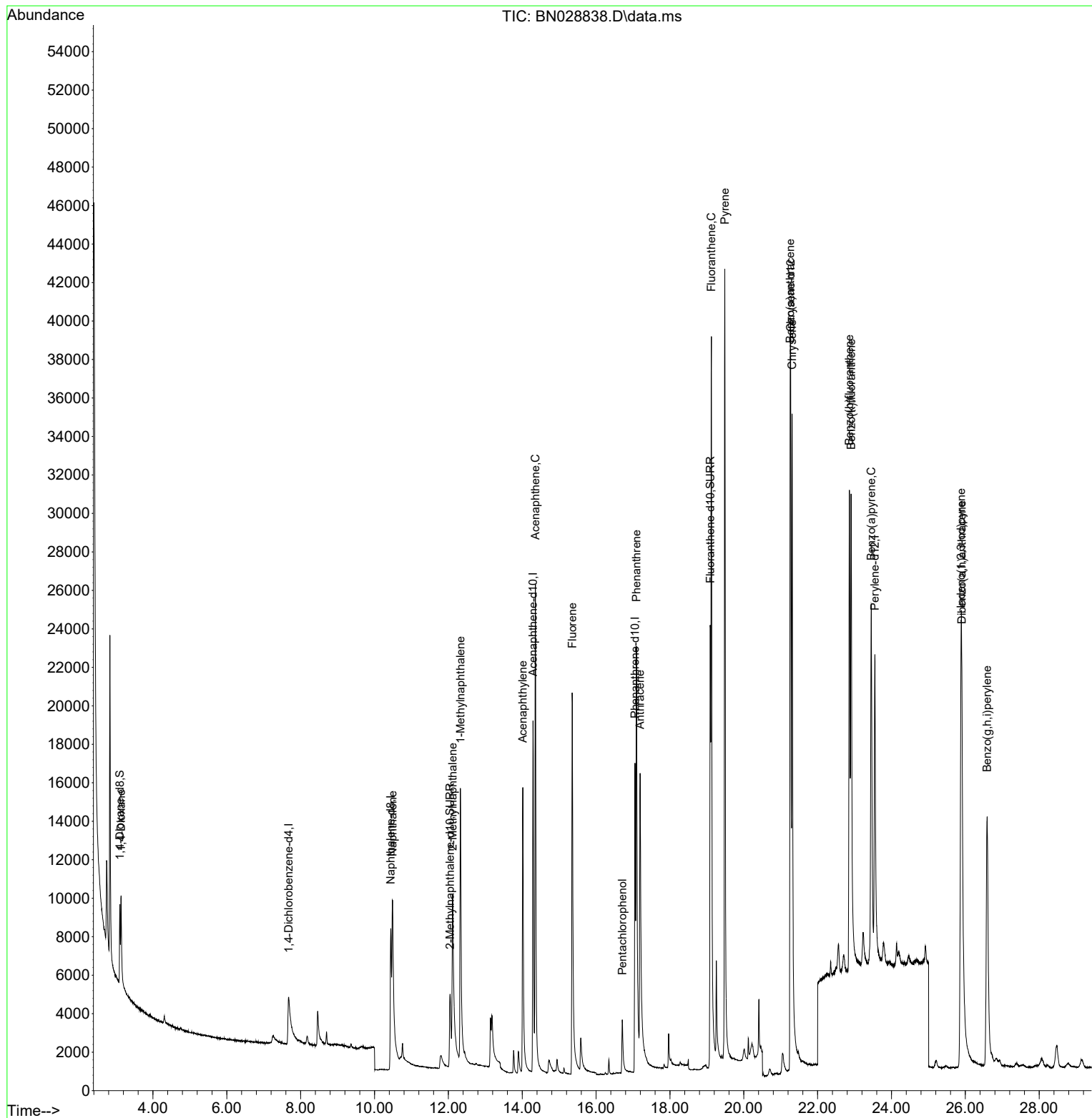
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.673	152	3478	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.440	136	18798	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.294	164	11850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	24431	0.400	ng/ul	0.00
17) Chrysene-d12	21.270	240	23589	0.400	ng/ul	0.00
23) Perylene-d12	23.550	264	24656	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.104	96	3102	0.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	9516	0.336	ng/ul	-0.03
18) Fluoranthene-d10	19.095	212	30542	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	2856	0.672	ng/ul#	84
5) Naphthalene	10.490	128	20702	0.393	ng/ul	98
7) 2-Methylnaphthalene	12.118	142	11292	0.325	ng/ul	98
8) 1-Methylnaphthalene	12.327	142	13176	0.374	ng/ul	100
10) Acenaphthylene	14.016	152	23381	0.395	ng/ul	99
11) Acenaphthene	14.358	153	18101	0.416	ng/ul	99
12) Fluorene	15.353	166	19347	0.382	ng/ul	98
14) Pentachlorophenol	16.710	266	2922	0.498	ng/ul	100
15) Phenanthrene	17.095	178	30796	0.410	ng/ul	99
16) Anthracene	17.192	178	25947	0.377	ng/ul	98
19) Fluoranthene	19.123	202	39541	0.394	ng/ul	98
20) Pyrene	19.485	202	43469	0.418	ng/ul	96
21) Benzo(a)anthracene	21.255	228	34028	0.365	ng/ul	99
22) Chrysene	21.308	228	36981	0.406	ng/ul	99
24) Benzo(b)fluoranthene	22.860	252	35519	0.384	ng/ul	93
25) Benzo(k)fluoranthene	22.906	252	40205	0.415	ng/ul	96
26) Benzo(a)pyrene	23.450	252	36628	0.419	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.881	276	40435	0.417	ng/ul	100
28) Dibenzo(a,h)anthracene	25.905	278	31580	0.408	ng/ul	95
29) Benzo(g,h,i)perylene	26.592	276	33549	0.422	ng/ul	98

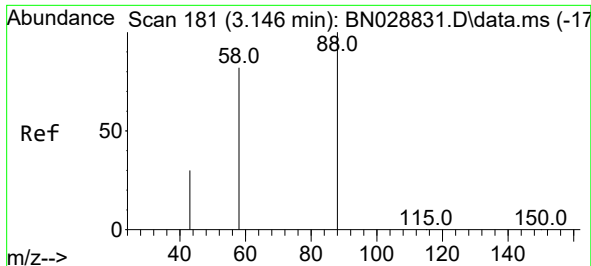
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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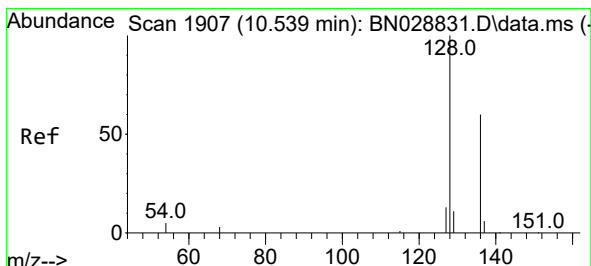
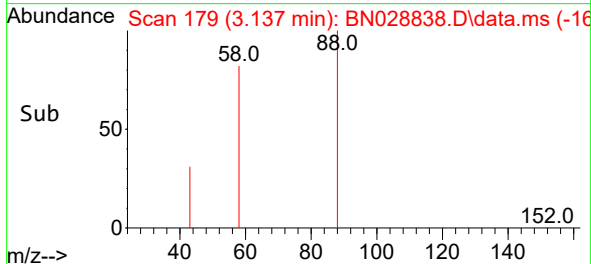
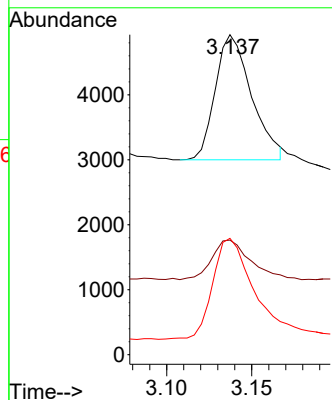
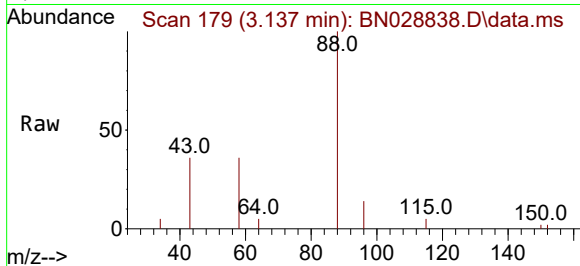




#2
1,4-Dioxane
Concen: 0.672 ng/ul
RT: 3.137 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

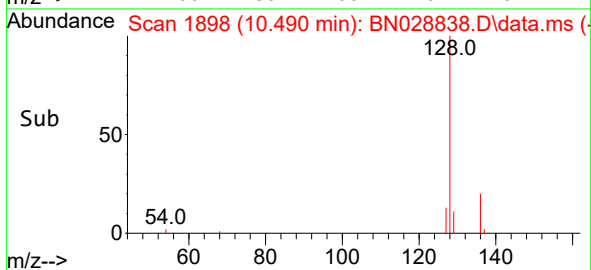
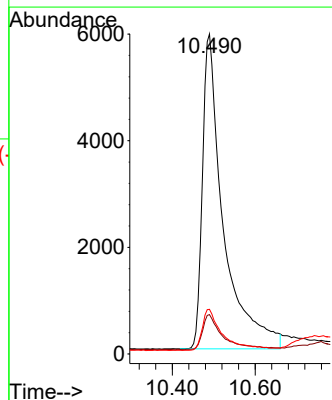
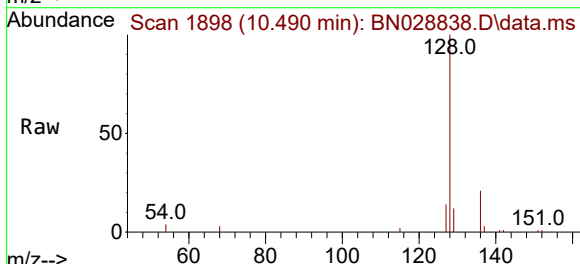
Instrument :
BNA_N
ClientSampleId :
SSTD0.4328

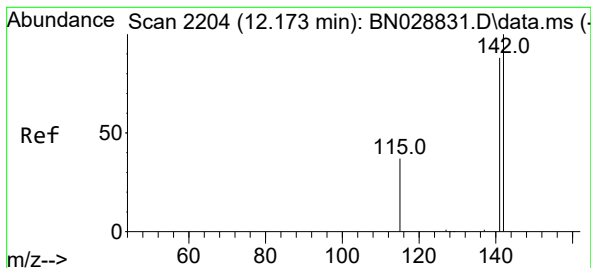
Tgt Ion: 88 Resp: 2856
Ion Ratio Lower Upper
88 100
43 35.8 32.9 49.3
58 36.3 41.8 62.8#



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.490 min Scan# 1898
Delta R.T. -0.016 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:128 Resp: 20702
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.0 10.7 16.1

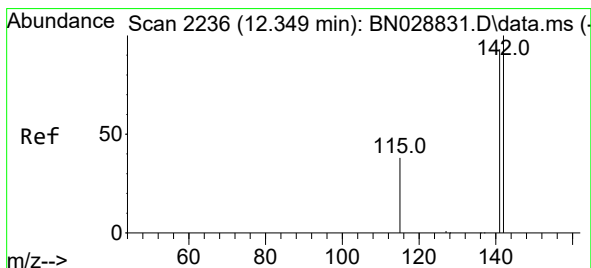
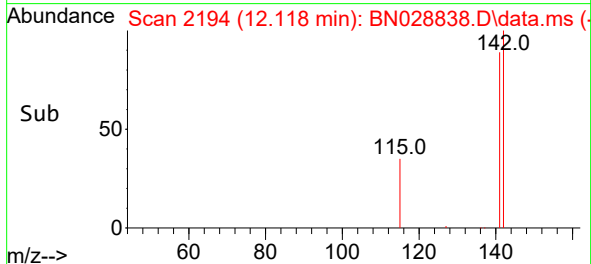
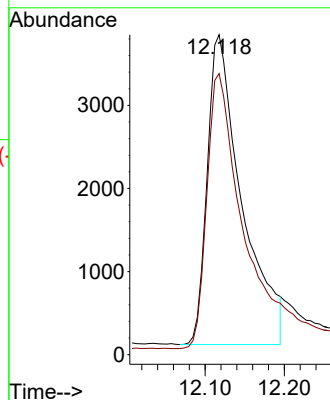
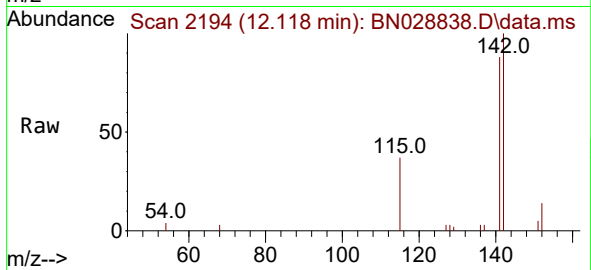




#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.118 min Scan# 2194
Delta R.T. -0.022 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

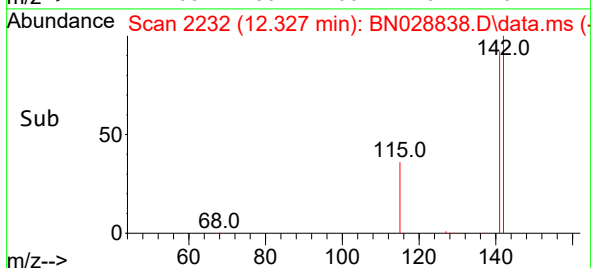
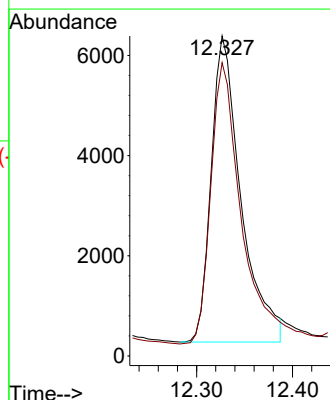
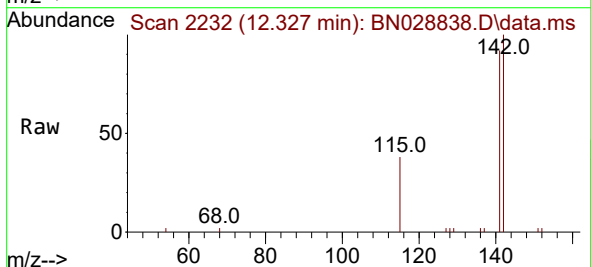
Instrument :
BNA_N
ClientSampleId :
SSTD0.4328

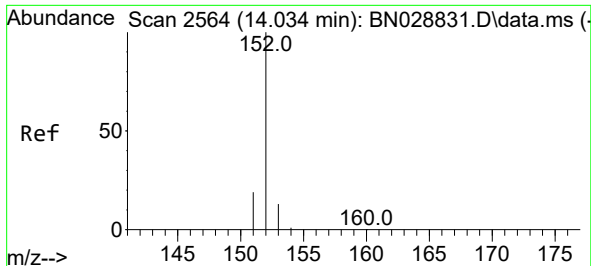
Tgt Ion:142 Resp: 11292
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.327 min Scan# 2232
Delta R.T. -0.011 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:142 Resp: 13176
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

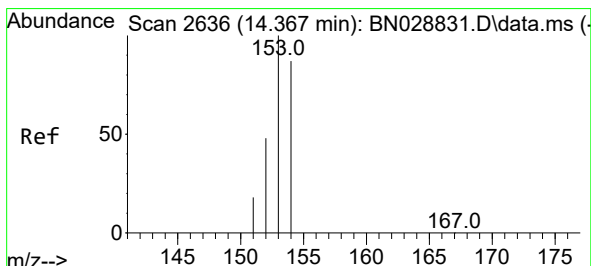
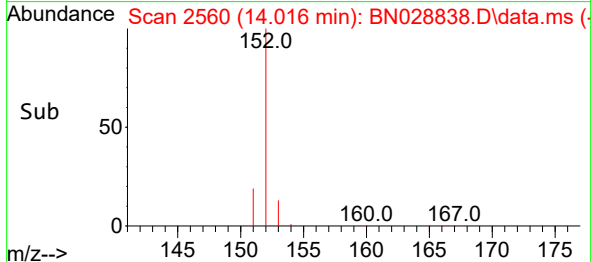
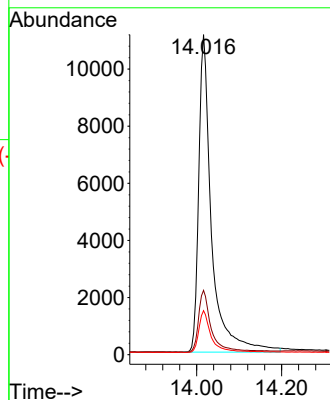
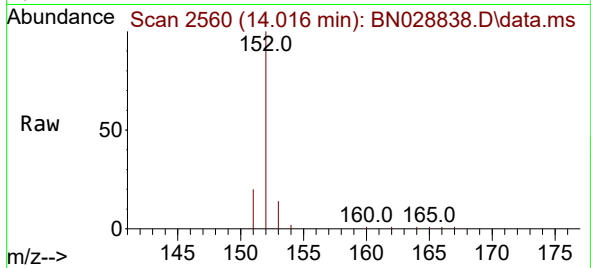




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.016 min Scan# 2560
Delta R.T. -0.009 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

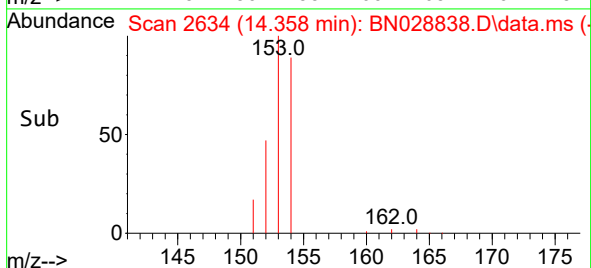
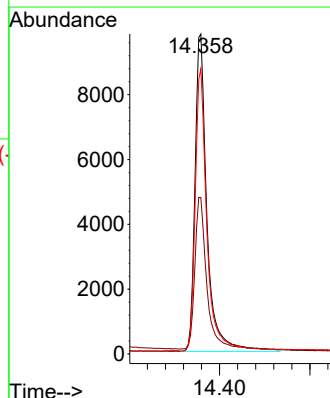
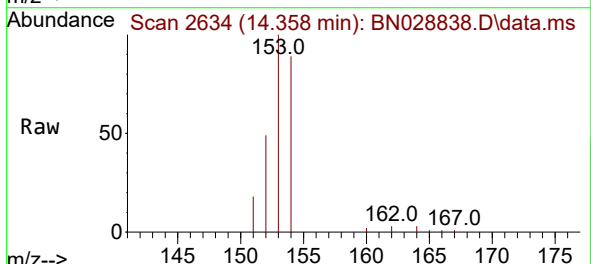
Instrument :
BNA_N
ClientSampleId :
SSTD0.4328

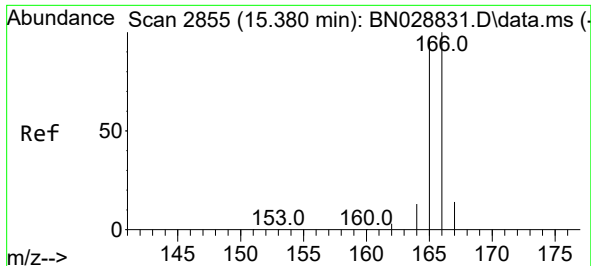
Tgt Ion:152 Resp: 23381
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.7 10.6 15.8



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.358 min Scan# 2634
Delta R.T. -0.005 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:153 Resp: 18101
Ion Ratio Lower Upper
153 100
152 48.8 39.6 59.4
154 89.2 71.0 106.6

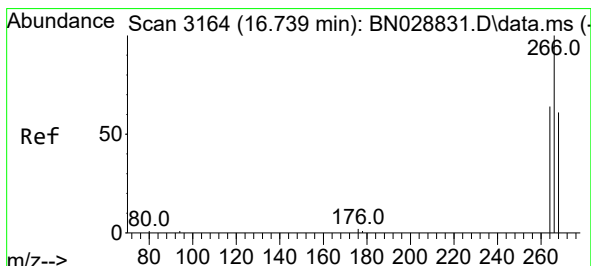
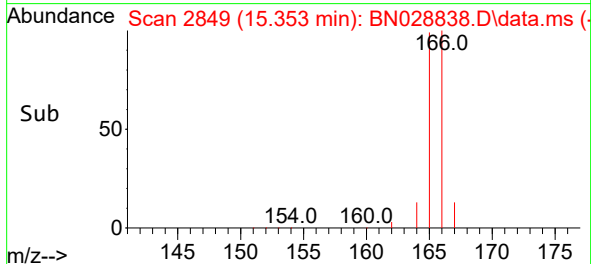
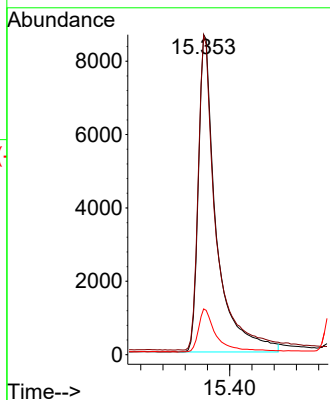
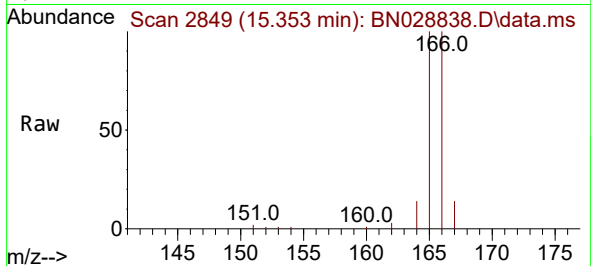




#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.353 min Scan# 2849
Delta R.T. -0.014 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

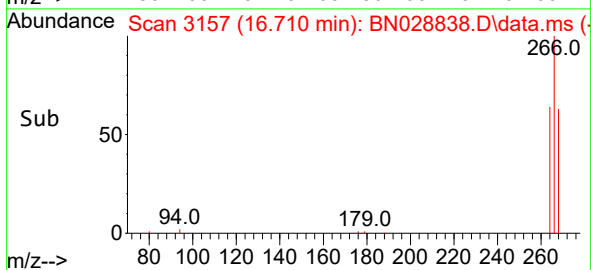
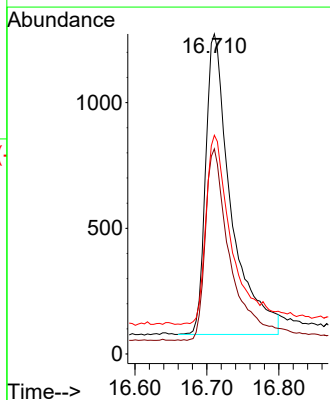
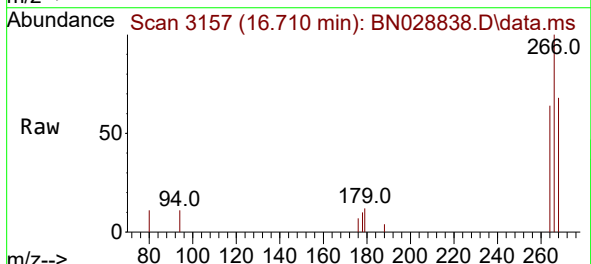
Instrument :
BNA_N
ClientSampleId :
SSTD0.4328

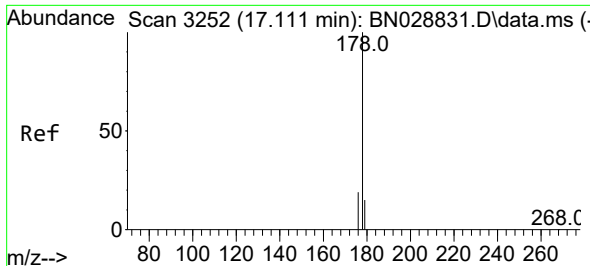
Tgt Ion:166 Resp: 19347
Ion Ratio Lower Upper
166 100
165 99.8 78.6 118.0
167 14.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 16.710 min Scan# 3157
Delta R.T. -0.013 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:266 Resp: 2922
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 63.1 50.6 75.8

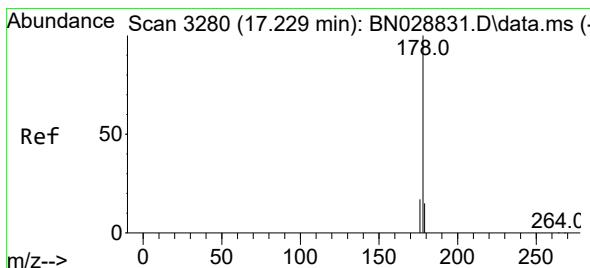
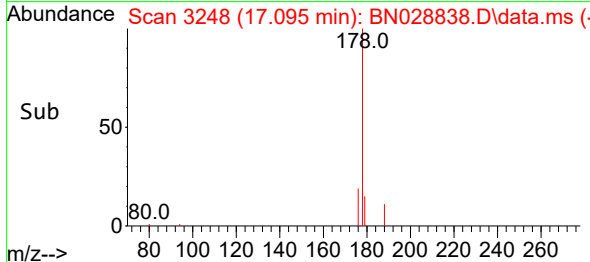
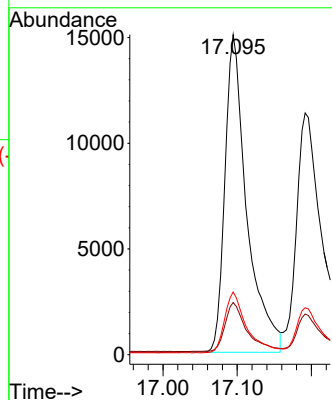
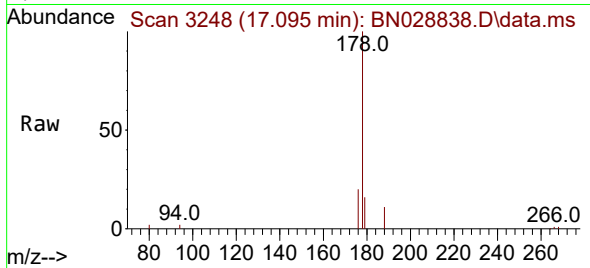




#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.095 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

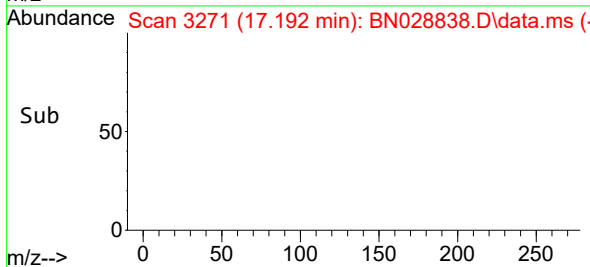
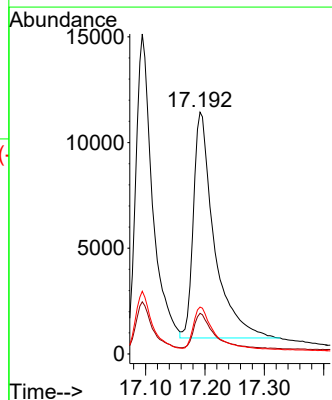
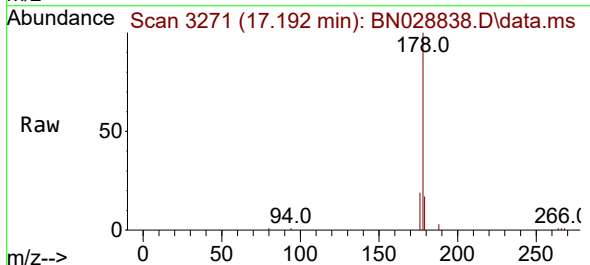
Instrument :
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ClientSampleId :
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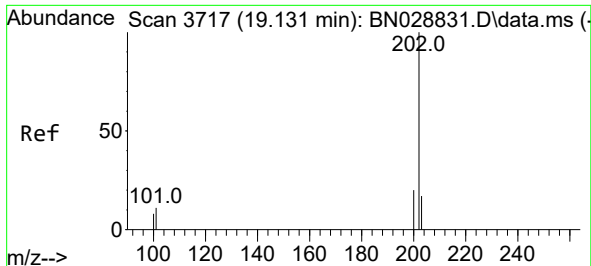
Tgt Ion:178 Resp: 30796
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.192 min Scan# 3271
Delta R.T. -0.013 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:178 Resp: 25947
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.4 14.9 22.3





#19

Fluoranthene

Concen: 0.394 ng/ul

RT: 19.123 min Scan# 3715

Delta R.T. 0.000 min

Lab File: BN028838.D

Acq: 22 Nov 2023 13:47

Instrument :

BNA_N

ClientSampleId :

SSTD0.4328

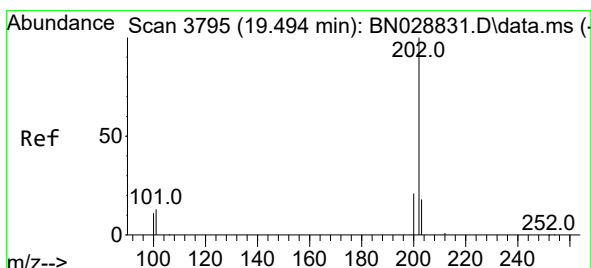
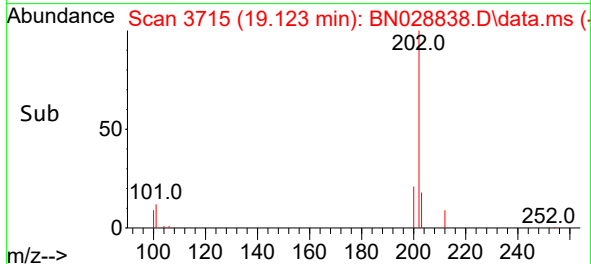
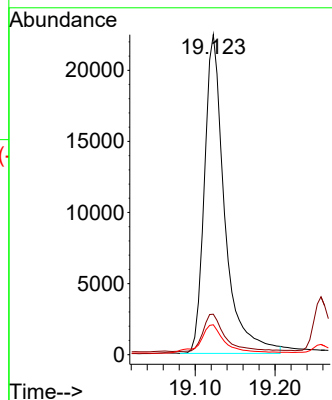
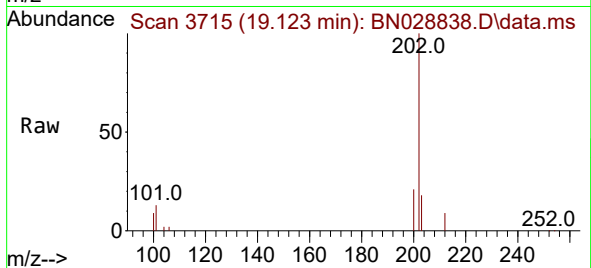
Tgt Ion:202 Resp: 39541

Ion Ratio Lower Upper

202 100

101 12.7 9.5 14.3

100 9.3 7.2 10.8



#20

Pyrene

Concen: 0.418 ng/ul

RT: 19.485 min Scan# 3793

Delta R.T. 0.000 min

Lab File: BN028838.D

Acq: 22 Nov 2023 13:47

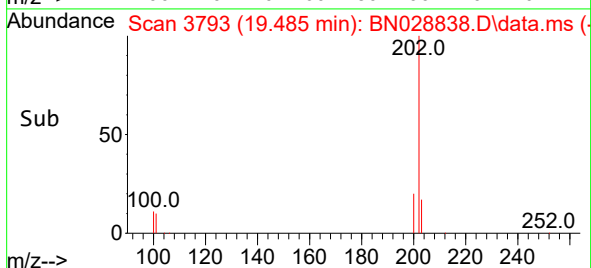
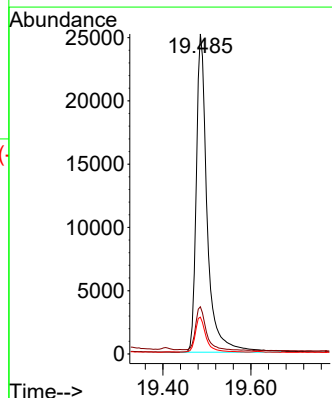
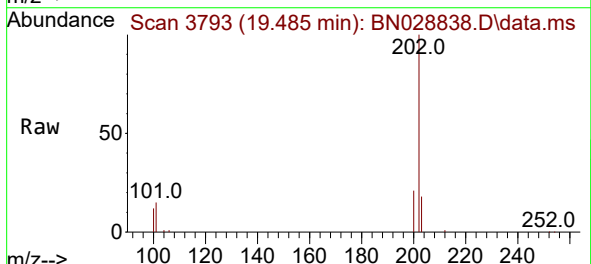
Tgt Ion:202 Resp: 43469

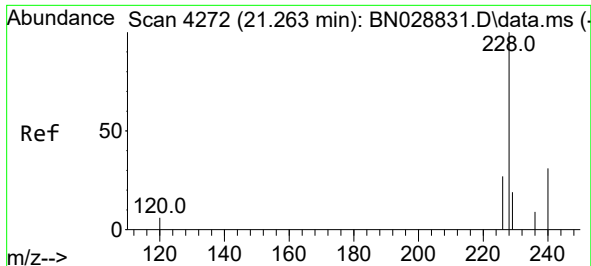
Ion Ratio Lower Upper

202 100

101 14.7 10.3 15.5

100 11.5 8.2 12.2

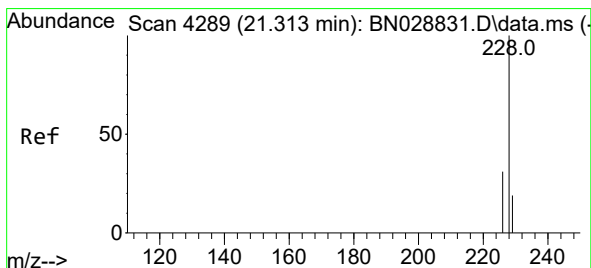
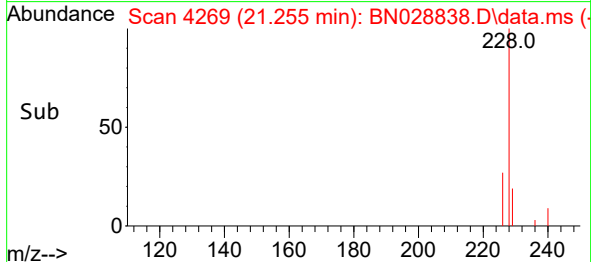
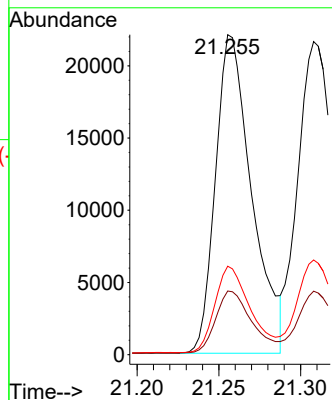
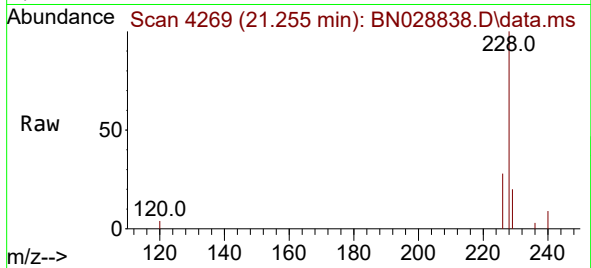




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.255 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

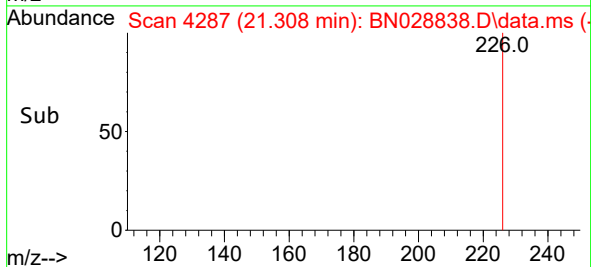
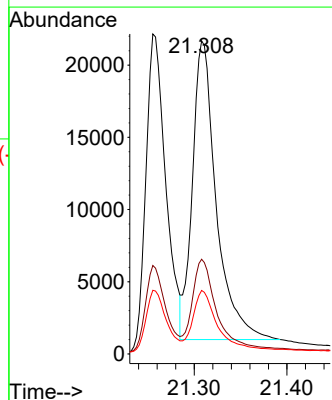
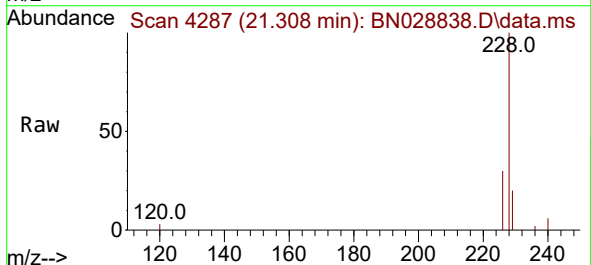
Instrument :
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SSTD0.4328

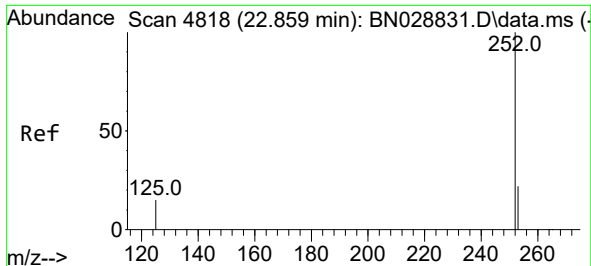
Tgt Ion:228 Resp: 34028
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.7 21.4 32.0



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.308 min Scan# 4287
Delta R.T. 0.003 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:228 Resp: 36981
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.3 15.4 23.2

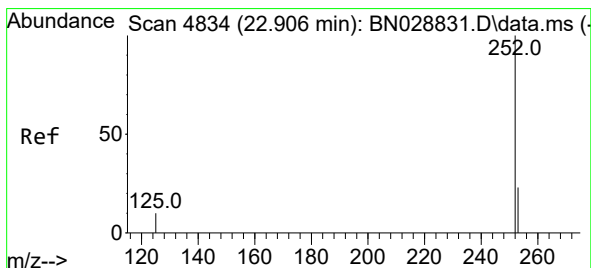
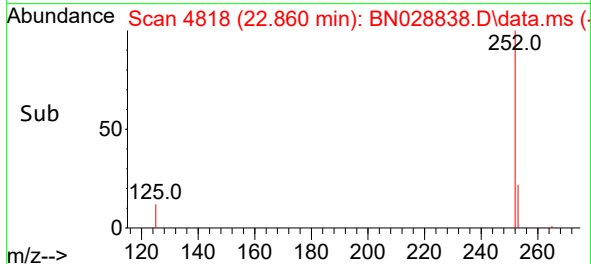
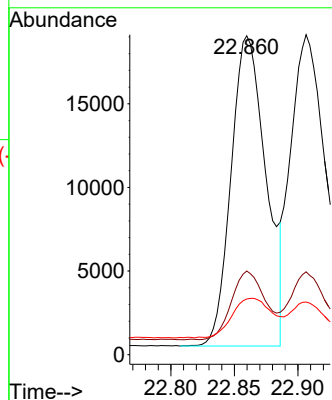
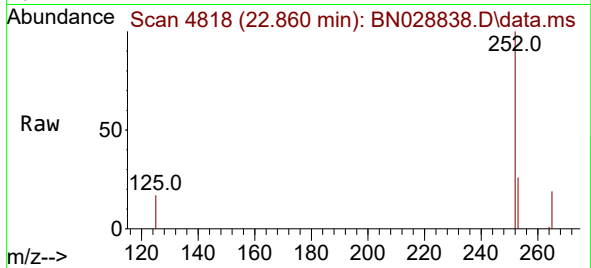




#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 22.860 min Scan# 4818
Delta R.T. 0.006 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

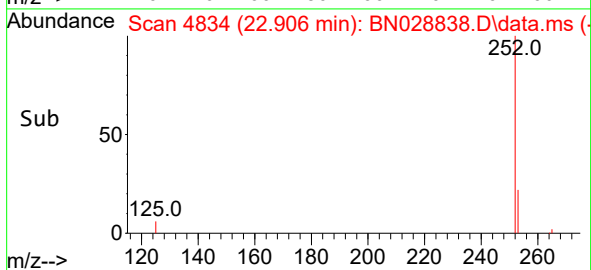
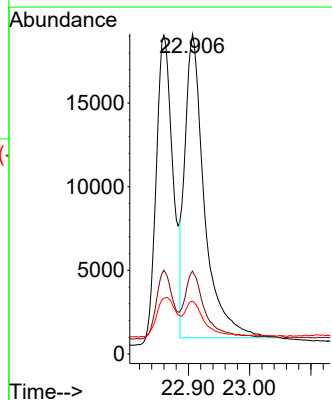
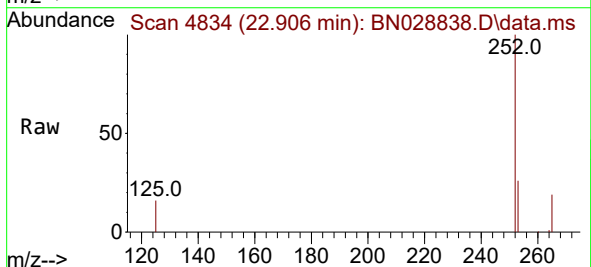
Instrument :
BNA_N
ClientSampleId :
SSTD0.4328

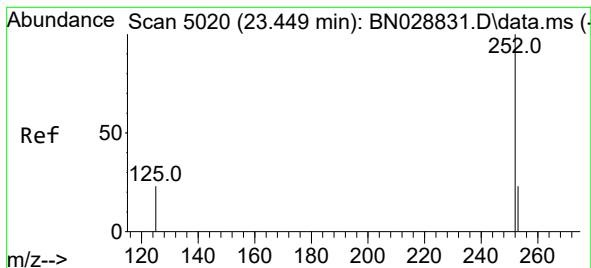
Tgt Ion:252 Resp: 35519
Ion Ratio Lower Upper
252 100
253 26.2 0.0 46.6
125 17.5 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 22.906 min Scan# 4834
Delta R.T. 0.003 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:252 Resp: 40205
Ion Ratio Lower Upper
252 100
253 25.9 18.6 28.0
125 16.5 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 23.450 min Scan# 5020

Delta R.T. 0.006 min

Lab File: BN028838.D

Acq: 22 Nov 2023 13:47

Instrument :

BNA_N

ClientSampleId :

SSTD0.4328

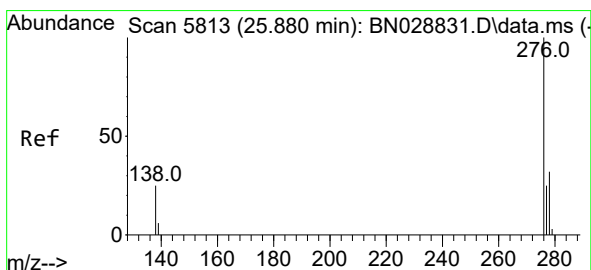
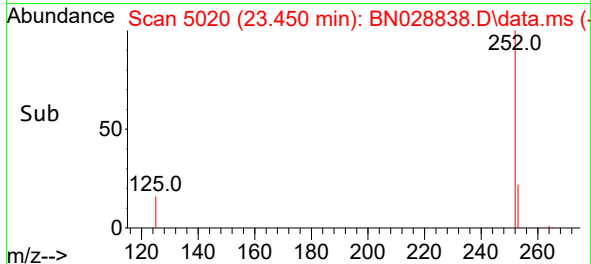
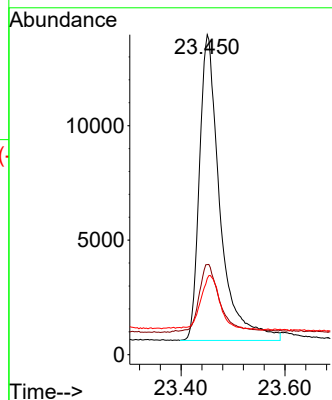
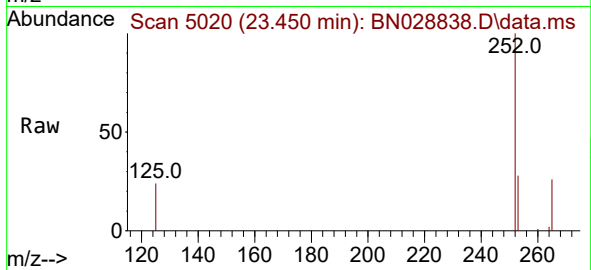
Tgt Ion:252 Resp: 36628

Ion Ratio Lower Upper

252 100

253 28.1 19.0 28.6

125 23.8 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng/ul

RT: 25.881 min Scan# 5813

Delta R.T. 0.007 min

Lab File: BN028838.D

Acq: 22 Nov 2023 13:47

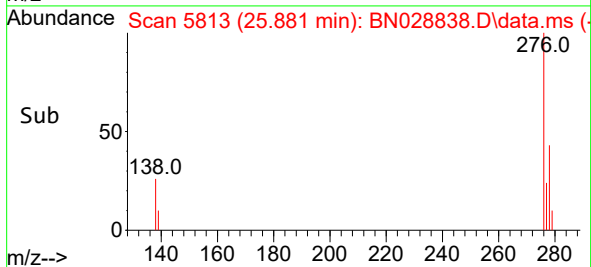
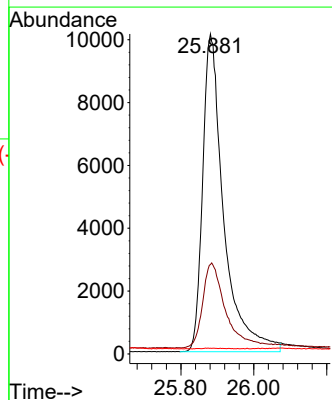
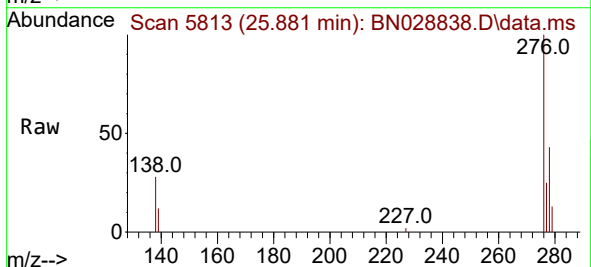
Tgt Ion:276 Resp: 40435

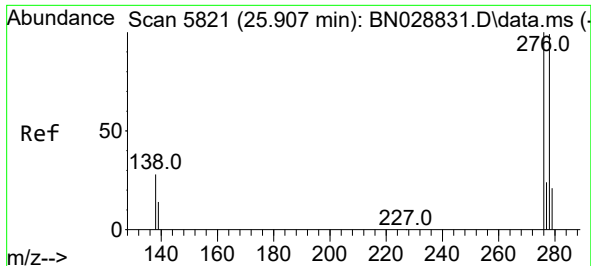
Ion Ratio Lower Upper

276 100

138 29.7 23.8 35.6

227 0.1 0.1 0.1

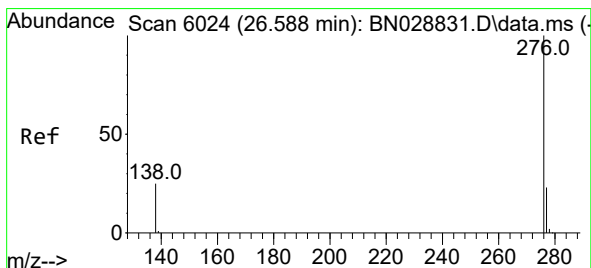
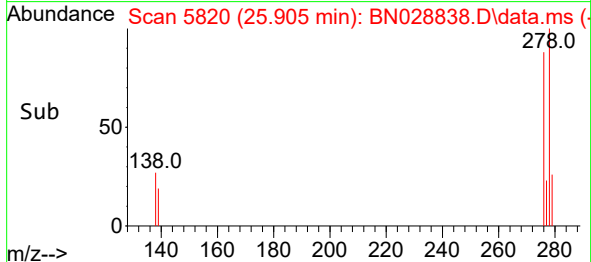
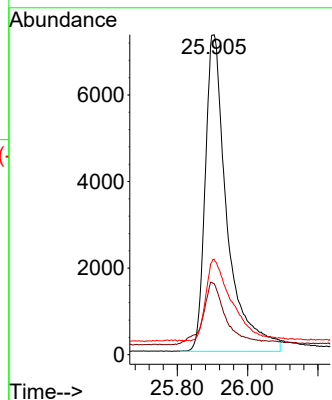
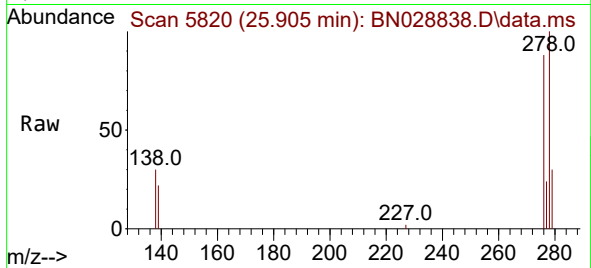




#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.905 min Scan# 5821
Delta R.T. 0.007 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Instrument :
BNA_N
ClientSampleId :
SSTD0.4328

Tgt Ion:278 Resp: 31580
Ion Ratio Lower Upper
278 100
139 22.2 18.2 27.4
279 29.9 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.592 min Scan# 6025
Delta R.T. 0.013 min
Lab File: BN028838.D
Acq: 22 Nov 2023 13:47

Tgt Ion:276 Resp: 33549
Ion Ratio Lower Upper
276 100
138 26.8 20.5 30.7
277 24.8 19.4 29.0

