

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027411.D
 Acq On : 06 Sep 2023 17:37
 Operator : MA/JU
 Sample : PB155237BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS237

Quant Time: Sep 06 18:15:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

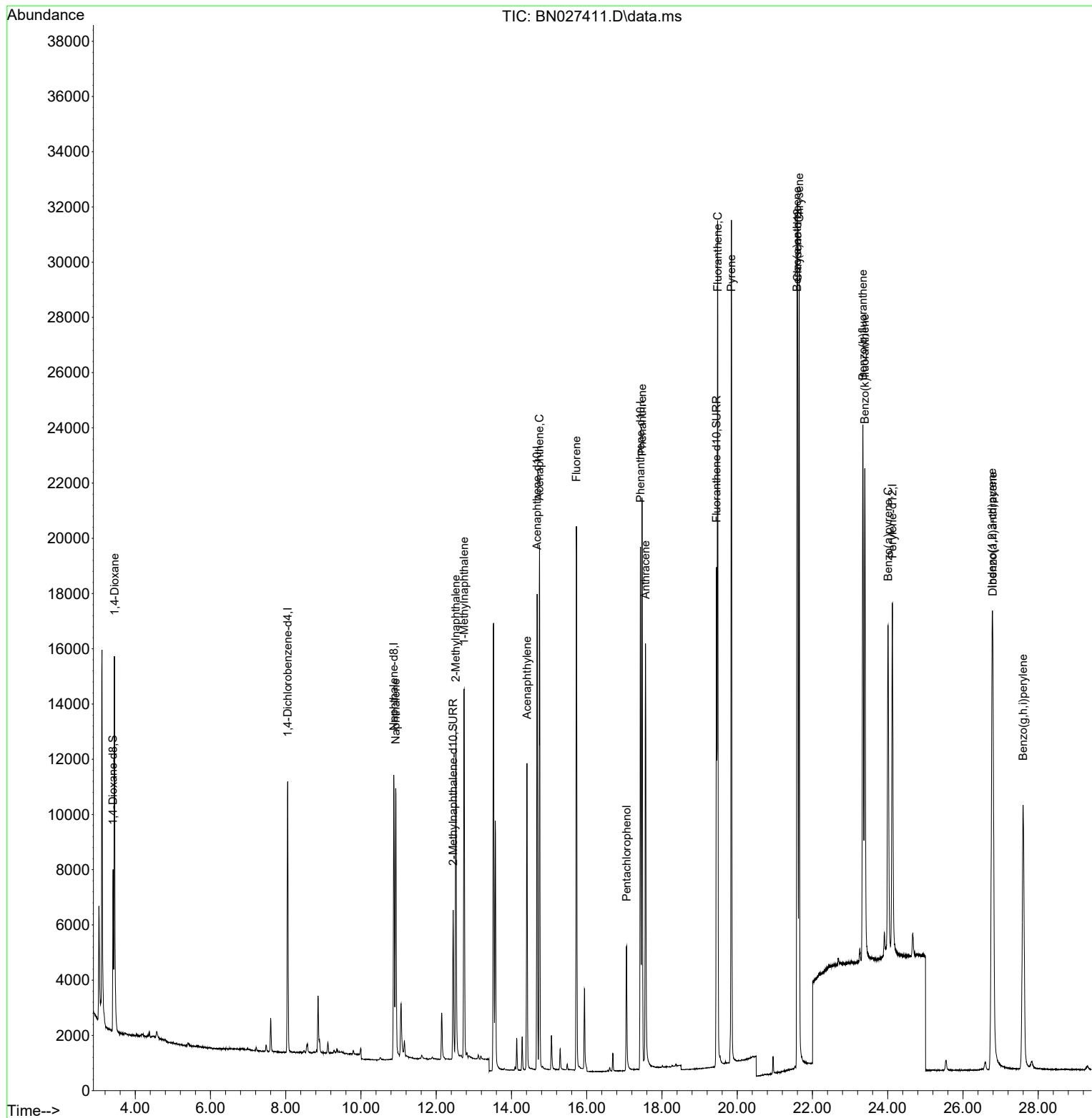
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5033	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	15121	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	9275	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	22471	0.400	ng/ul	0.00
17) Chrysene-d12	21.606	240	20111	0.400	ng/ul	0.00
23) Perylene-d12	24.123	264	19260	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3953	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	7582	0.330	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	19704	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	10286	1.518	ng/ul#	87
5) Naphthalene	10.922	128	13968	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	9160	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	9609	0.329	ng/ul	99
10) Acenaphthylene	14.412	152	12767	0.301	ng/ul	100
11) Acenaphthene	14.745	153	11068	0.303	ng/ul	99
12) Fluorene	15.725	166	12774	0.312	ng/ul	99
14) Pentachlorophenol	17.059	266	3331	0.760	ng/ul	99
15) Phenanthrene	17.473	178	22220	0.304	ng/ul	99
16) Anthracene	17.561	178	18062	0.310	ng/ul	100
19) Fluoranthene	19.478	202	26155	0.283	ng/ul	100
20) Pyrene	19.845	202	26921	0.286	ng/ul	98
21) Benzo(a)anthracene	21.592	228	24228	0.334	ng/ul	99
22) Chrysene	21.647	228	26529	0.314	ng/ul	99
24) Benzo(b)fluoranthene	23.340	252	26837	0.295	ng/ul	99
25) Benzo(k)fluoranthene	23.392	252	26130	0.294	ng/ul	98
26) Benzo(a)pyrene	24.009	252	21713	0.306	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.774	276	27249	0.345	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.794	278	21744	0.360	ng/ul	97
29) Benzo(g,h,i)perylene	27.599	276	23288	0.327	ng/ul	99

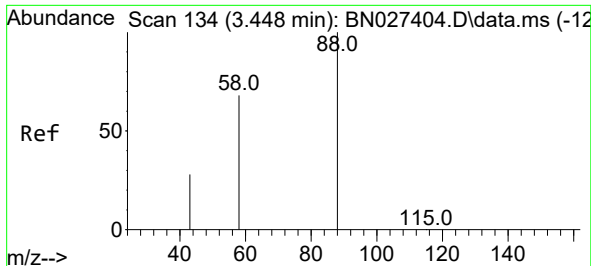
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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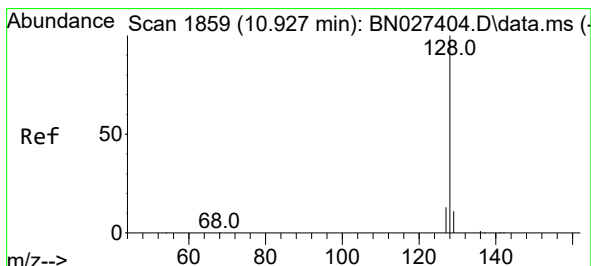
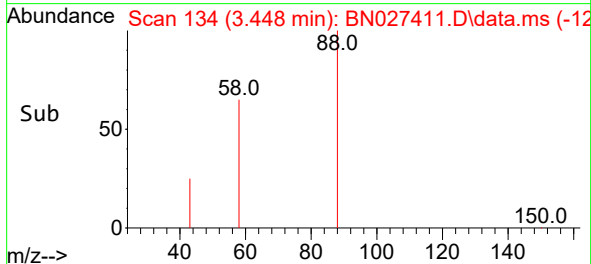
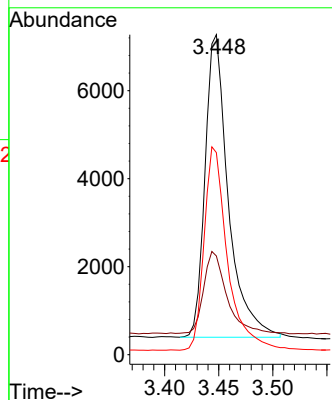
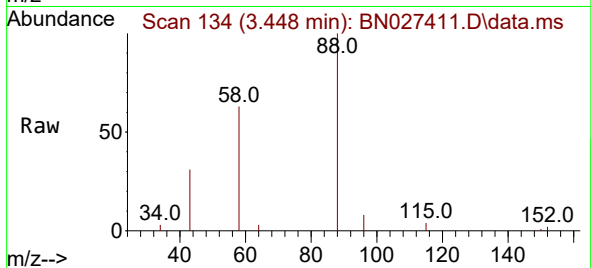




#2
1,4-Dioxane
Concen: 1.518 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

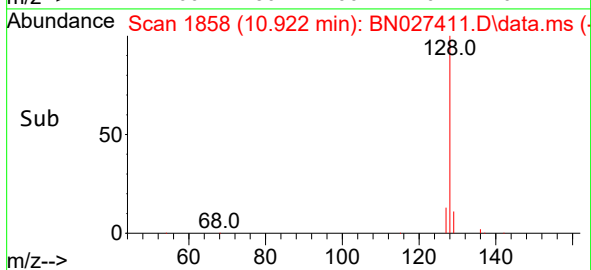
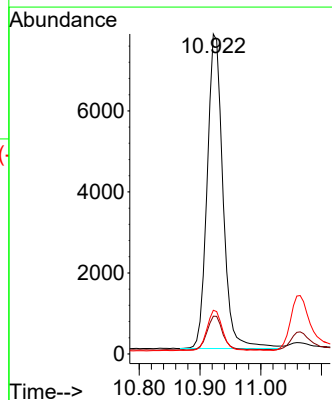
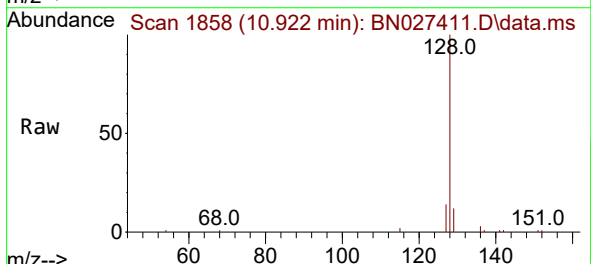
Instrument :
BNA_N
ClientSampleId :
SLCS237

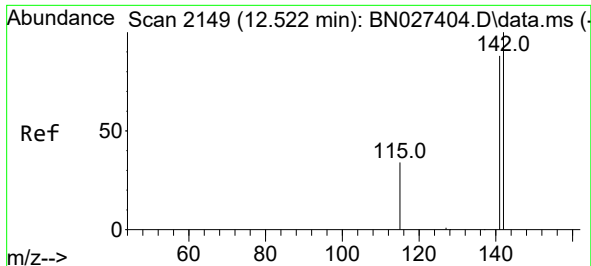
Tgt Ion: 88 Resp: 10286
Ion Ratio Lower Upper
88 100
43 30.8 26.8 40.2
58 63.2 39.9 59.9#



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:128 Resp: 13968
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.6 10.6 16.0

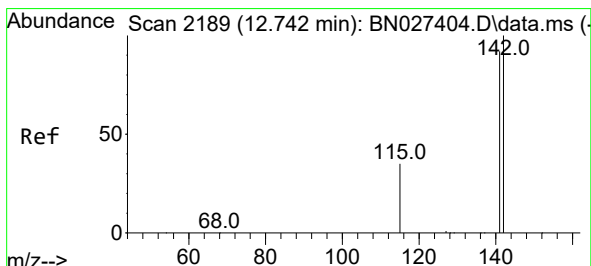
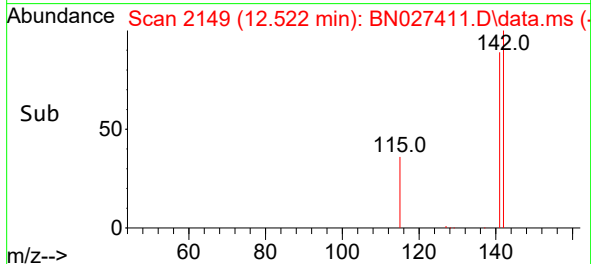
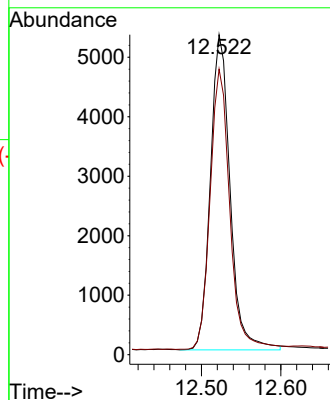
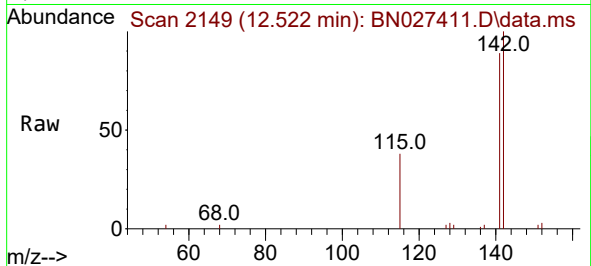




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.011 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

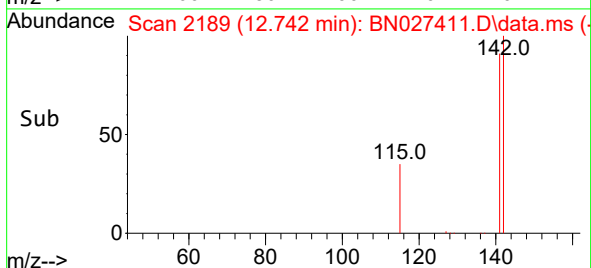
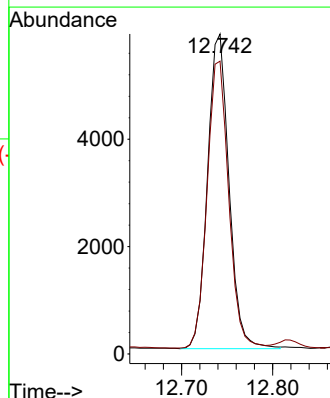
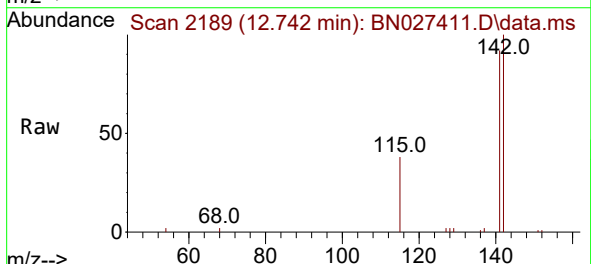
Instrument :
BNA_N
ClientSampleId :
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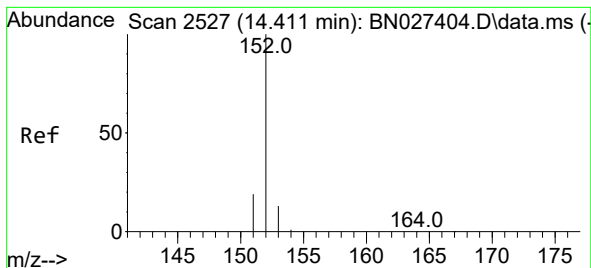
Tgt Ion:142 Resp: 9160
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:142 Resp: 9609
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4





#10

Acenaphthylene

Concen: 0.301 ng/ul

RT: 14.412 min Scan# 2527

Delta R.T. -0.009 min

Lab File: BN027411.D

Acq: 06 Sep 2023 17:37

Instrument :

BNA_N

ClientSampleId :

SLCS237

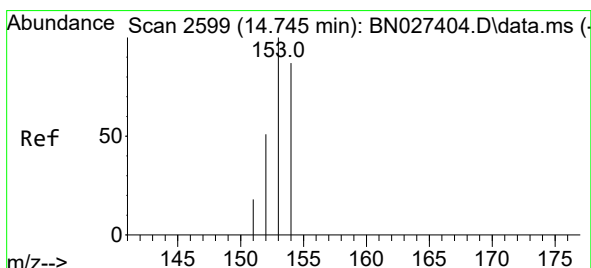
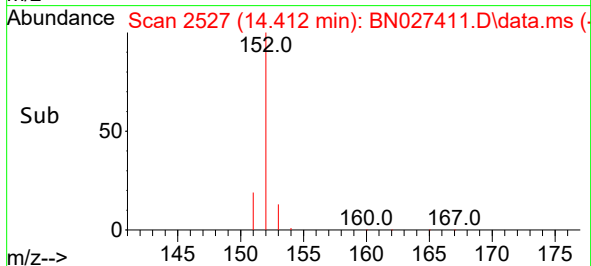
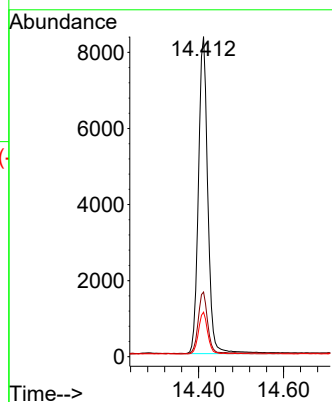
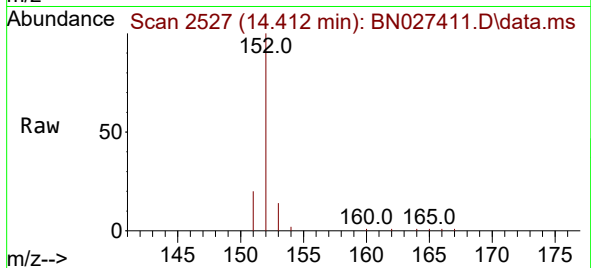
Tgt Ion:152 Resp: 12767

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.9 11.1 16.7



#11

Acenaphthene

Concen: 0.303 ng/ul

RT: 14.745 min Scan# 2599

Delta R.T. -0.005 min

Lab File: BN027411.D

Acq: 06 Sep 2023 17:37

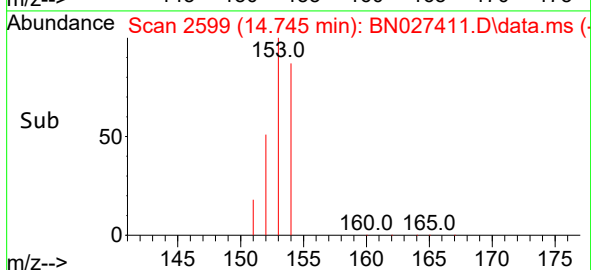
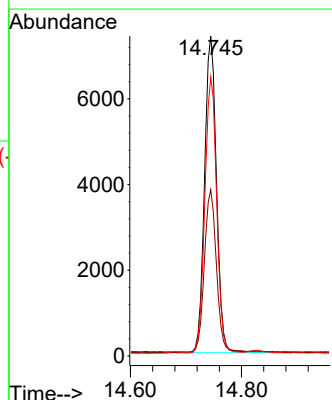
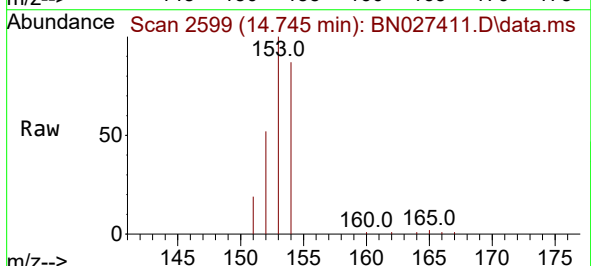
Tgt Ion:153 Resp: 11068

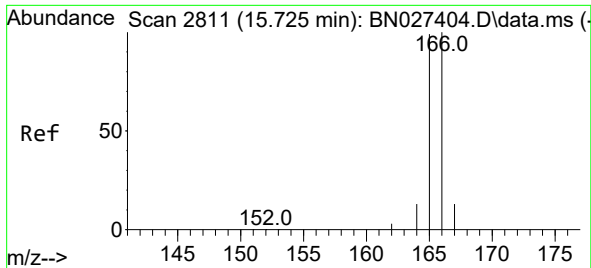
Ion Ratio Lower Upper

153 100

152 52.0 42.9 64.3

154 87.2 69.4 104.0

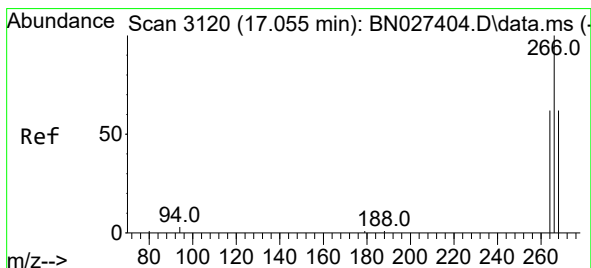
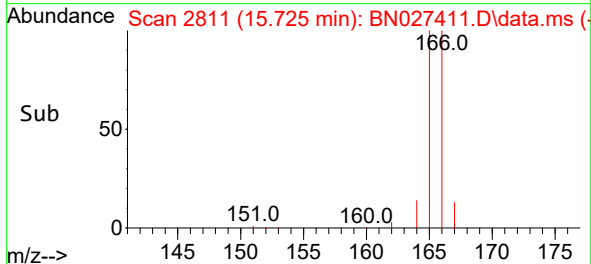
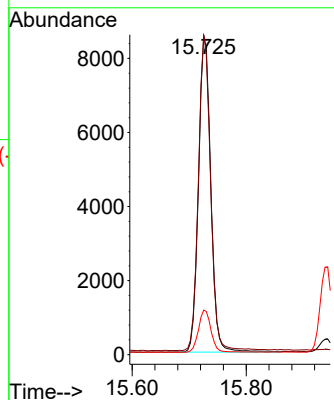
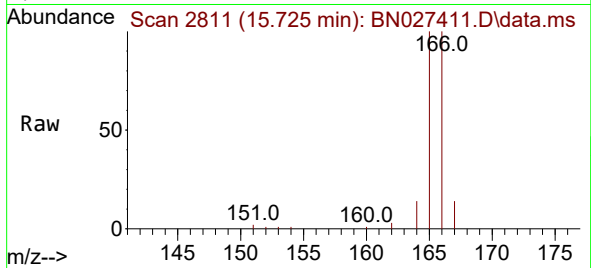




#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.014 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

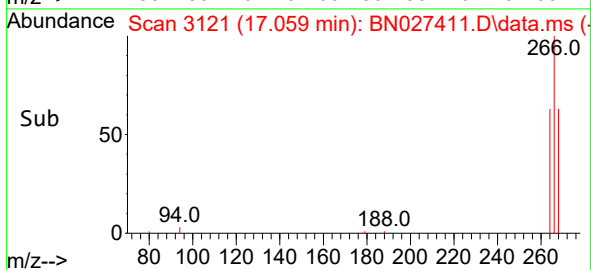
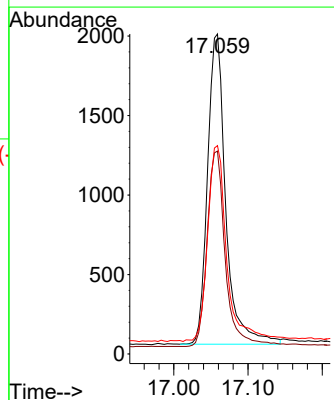
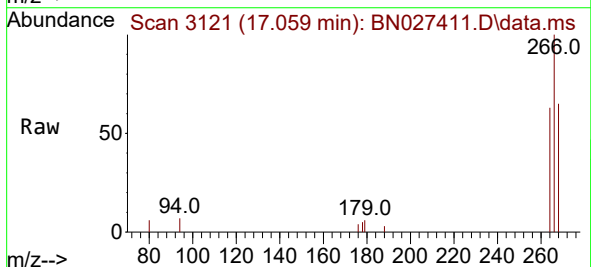
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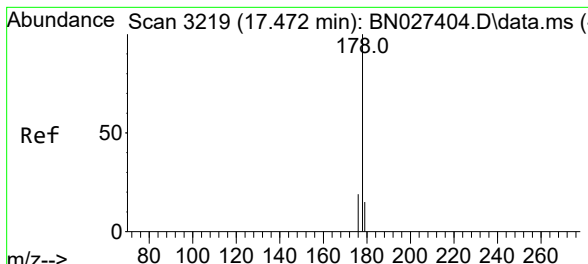
Tgt Ion:166 Resp: 12774
Ion Ratio Lower Upper
166 100
165 100.4 79.6 119.4
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.760 ng/ul
RT: 17.059 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:266 Resp: 3331
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 66.5 51.9 77.9

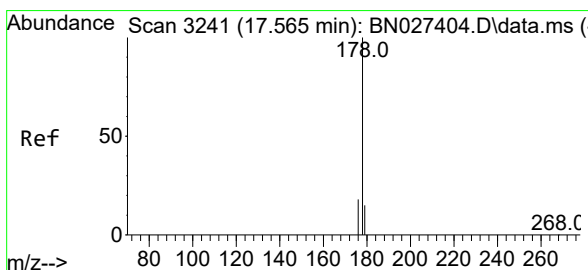
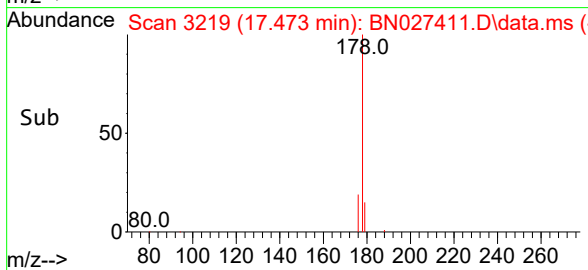
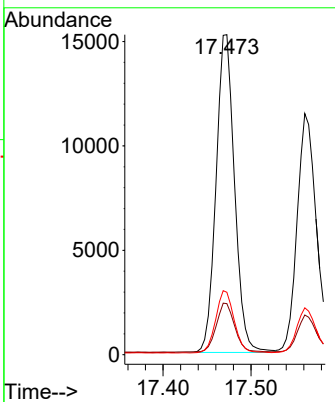
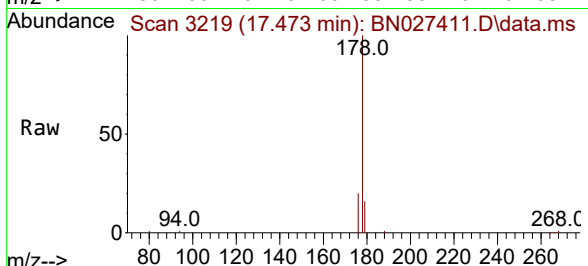




#15
 Phenanthrene
 Concen: 0.304 ng/ul
 RT: 17.473 min Scan# 3219
 Delta R.T. -0.008 min
 Lab File: BN027411.D
 Acq: 06 Sep 2023 17:37

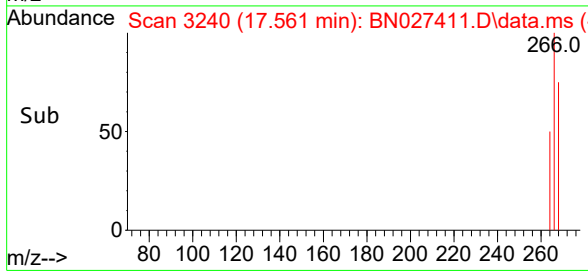
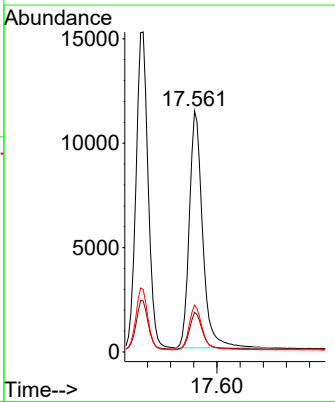
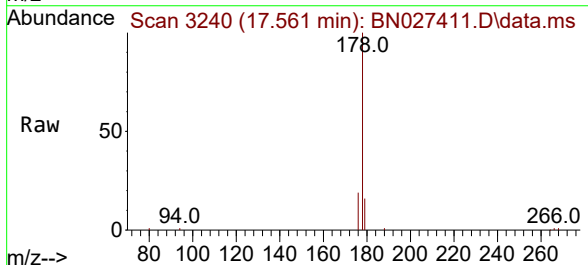
Instrument :
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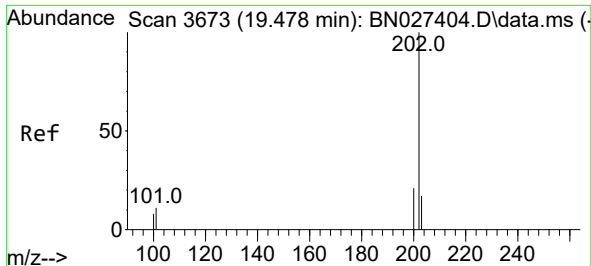
Tgt Ion:	178	Resp:	22220
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.5	15.8	23.8



#16
 Anthracene
 Concen: 0.310 ng/ul
 RT: 17.561 min Scan# 3240
 Delta R.T. -0.012 min
 Lab File: BN027411.D
 Acq: 06 Sep 2023 17:37

Tgt Ion:	178	Resp:	18062
Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	19.4	15.6	23.4

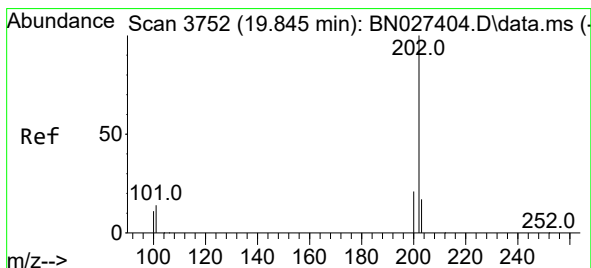
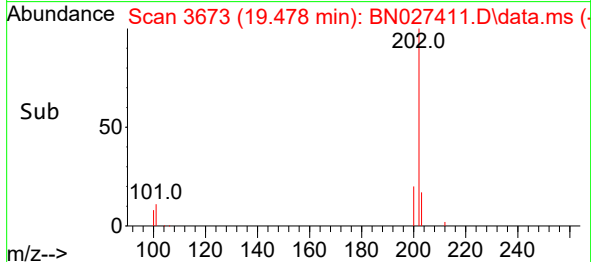
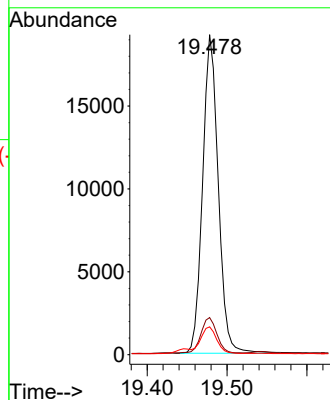
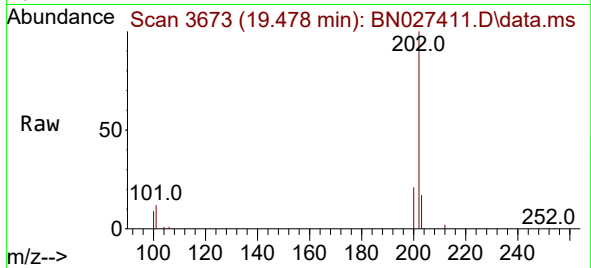




#19
Fluoranthene
Concen: 0.283 ng/ul
RT: 19.478 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

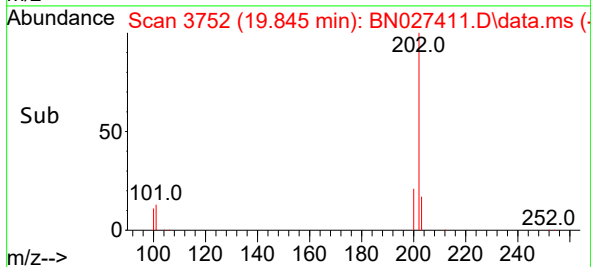
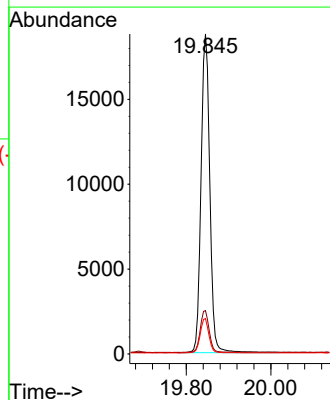
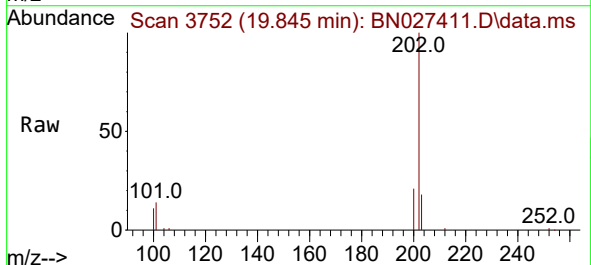
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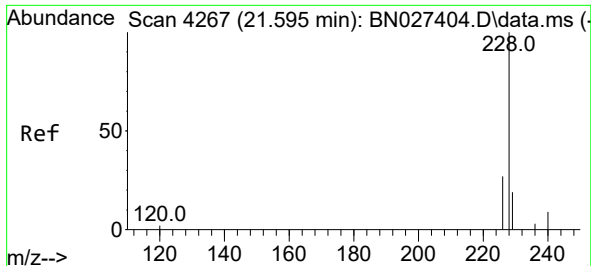
Tgt Ion:202 Resp: 26155
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.0
100 8.7 6.9 10.3



#20
Pyrene
Concen: 0.286 ng/ul
RT: 19.845 min Scan# 3752
Delta R.T. -0.004 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:202 Resp: 26921
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.2
100 11.1 9.4 14.2

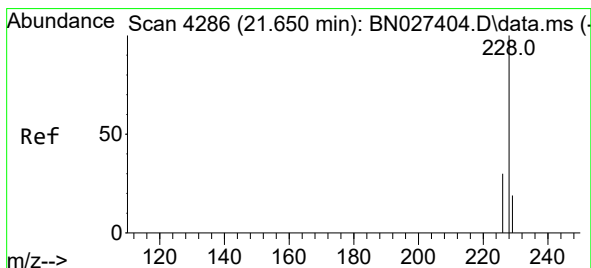
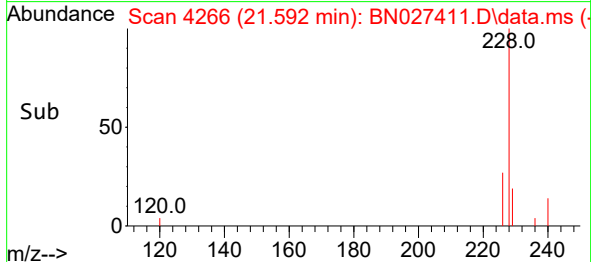
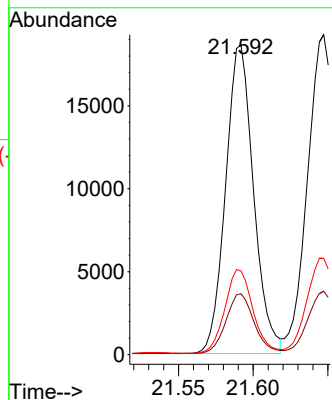
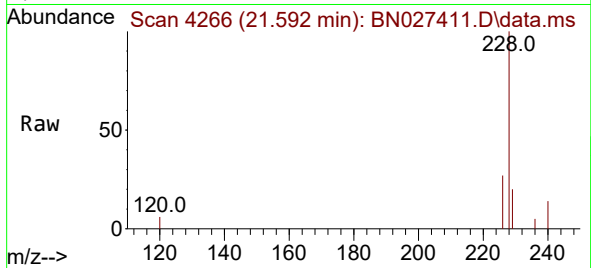




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.592 min Scan# 4266
Delta R.T. 0.000 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

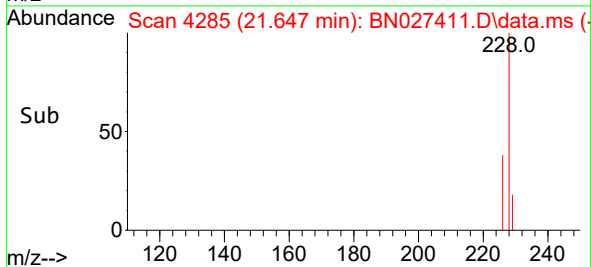
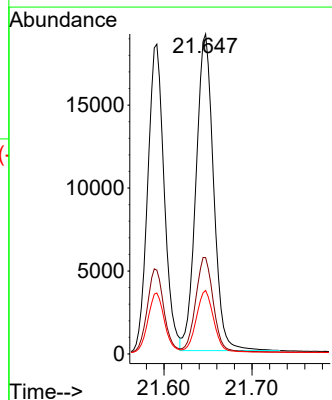
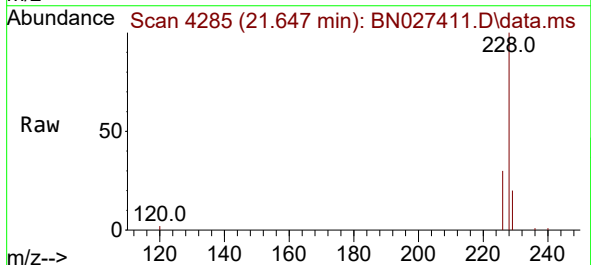
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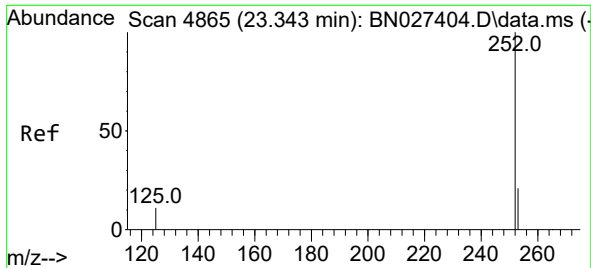
Tgt Ion:228 Resp: 24228
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.647 min Scan# 4285
Delta R.T. 0.000 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:228 Resp: 26529
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.8 15.6 23.4

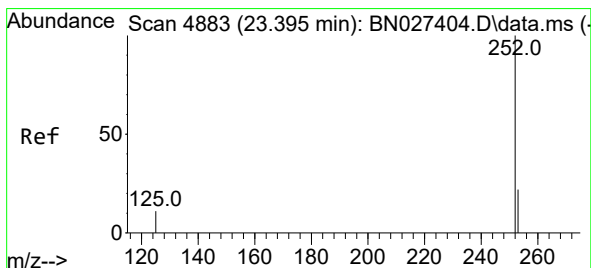
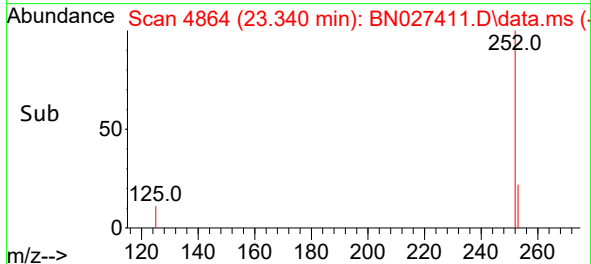
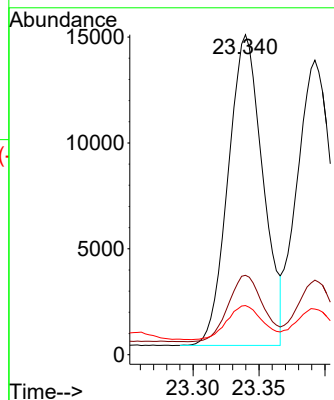
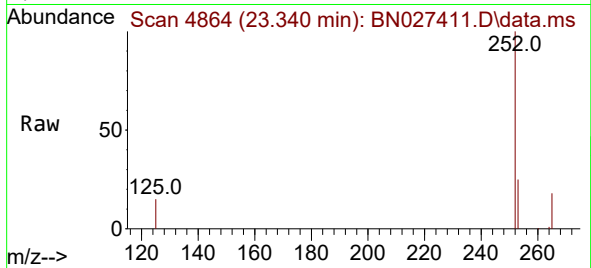




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 23.340 min Scan# 4865
Delta R.T. -0.005 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

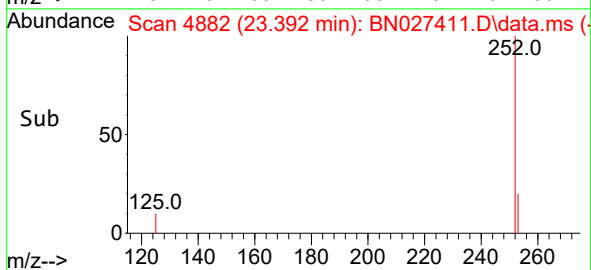
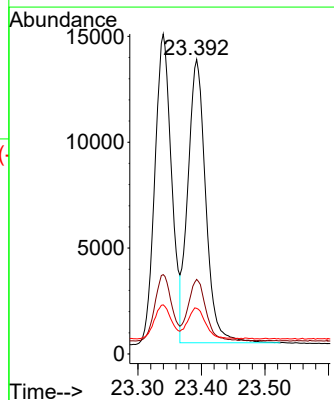
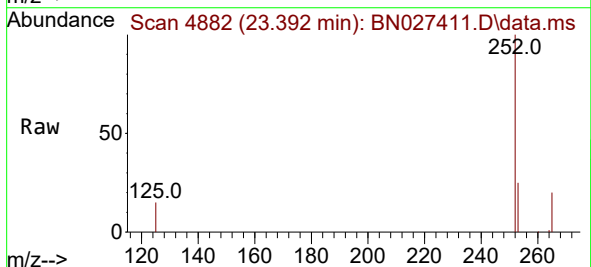
Instrument :
BNA_N
ClientSampleId :
SLCS237

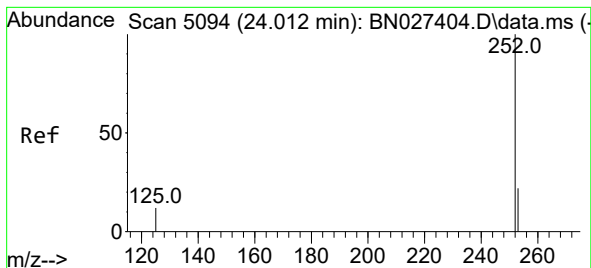
Tgt Ion:252 Resp: 26837
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.6
125 15.3 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 23.392 min Scan# 4882
Delta R.T. -0.005 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:252 Resp: 26130
Ion Ratio Lower Upper
252 100
253 25.3 19.9 29.9
125 15.5 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.306 ng/ul

RT: 24.009 min Scan# 5094

Delta R.T. -0.008 min

Lab File: BN027411.D

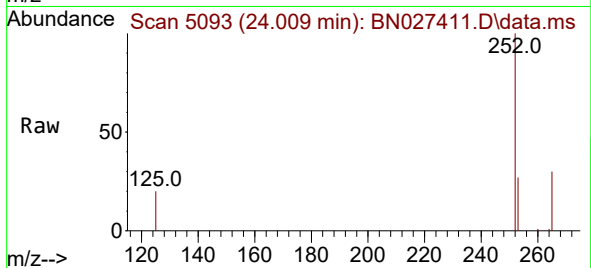
Acq: 06 Sep 2023 17:37

Instrument :

BNA_N

ClientSampleId :

SLCS237



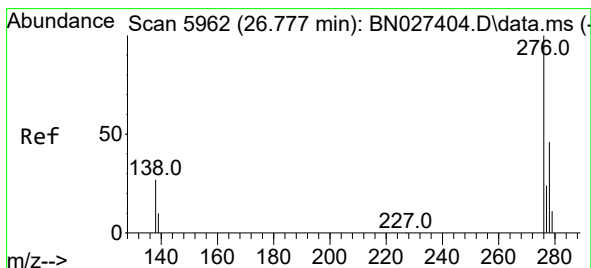
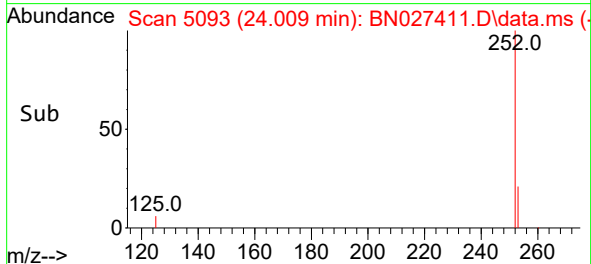
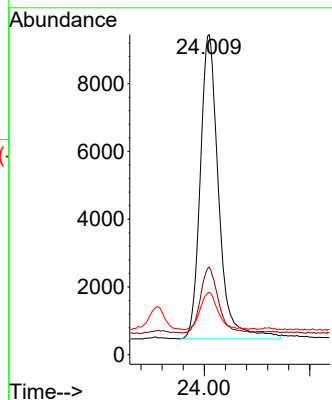
Tgt Ion:252 Resp: 21713

Ion Ratio Lower Upper

252 100

253 27.3 22.4 33.6

125 19.5 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/ul

RT: 26.774 min Scan# 5961

Delta R.T. -0.026 min

Lab File: BN027411.D

Acq: 06 Sep 2023 17:37

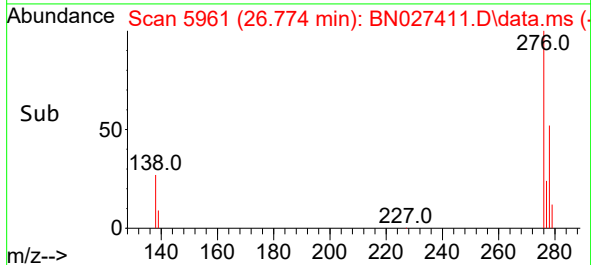
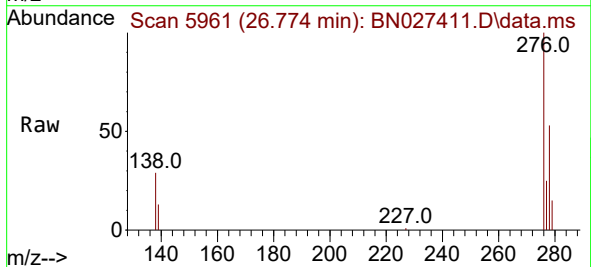
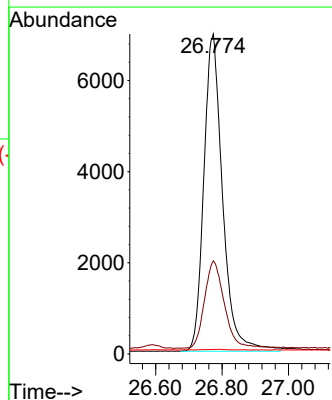
Tgt Ion:276 Resp: 27249

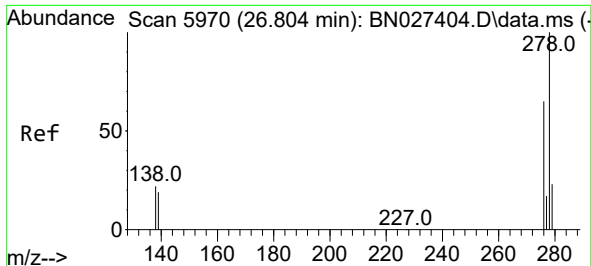
Ion Ratio Lower Upper

276 100

138 29.1 23.9 35.9

227 0.0 0.1 0.1#

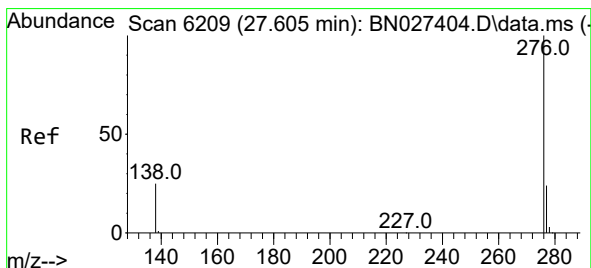
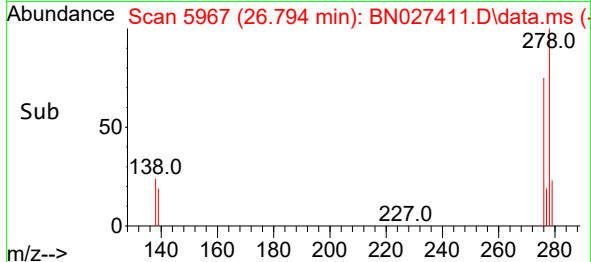
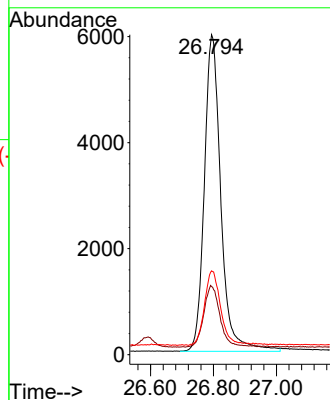
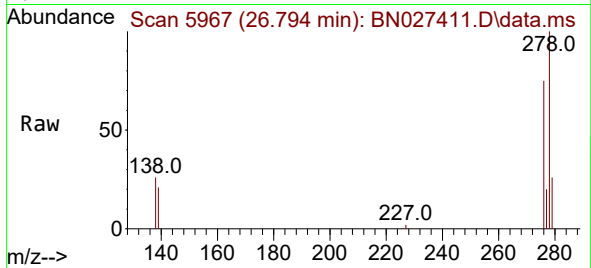




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 26.794 min Scan# 5970
Delta R.T. -0.040 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Instrument :
BNA_N
ClientSampleId :
SLCS237

Tgt Ion:278 Resp: 21744
Ion Ratio Lower Upper
278 100
139 21.3 18.0 27.0
279 26.2 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 27.599 min Scan# 6207
Delta R.T. -0.030 min
Lab File: BN027411.D
Acq: 06 Sep 2023 17:37

Tgt Ion:276 Resp: 23288
Ion Ratio Lower Upper
276 100
138 26.6 22.1 33.1
277 24.7 20.2 30.4

