

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027914.D
 Acq On : 28 Sep 2023 00:36
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4276

Quant Time: Sep 28 01:15:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

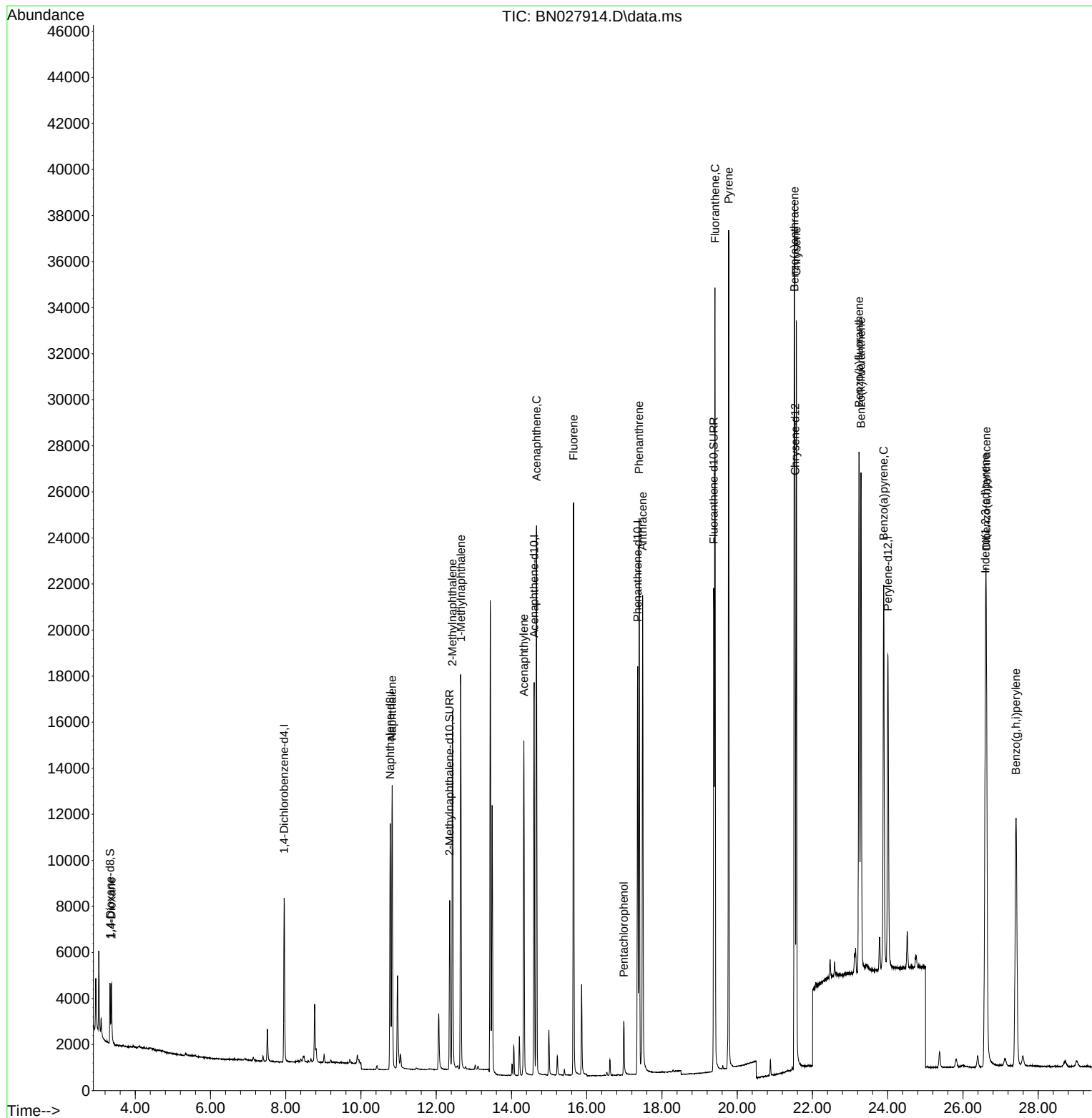
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14713	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	9535	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	20625	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	19641	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	20682	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1912	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	9931	0.445	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	23848	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.368	88	1810	0.369	ng/ul	92
5) Naphthalene	10.828	128	16979	0.404	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	11655	0.437	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	12067	0.438	ng/ul	99
10) Acenaphthylene	14.328	152	16878	0.405	ng/ul	99
11) Acenaphthene	14.666	153	13781	0.383	ng/ul	97
12) Fluorene	15.651	166	16193	0.382	ng/ul	99
14) Pentachlorophenol	16.983	266	1730	0.358	ng/ul	99
15) Phenanthrene	17.392	178	26072	0.402	ng/ul	99
16) Anthracene	17.485	178	23036	0.425	ng/ul	99
19) Fluoranthene	19.408	202	29390	0.370	ng/ul	99
20) Pyrene	19.775	202	30523	0.373	ng/ul	97
21) Benzo(a)anthracene	21.519	228	29393	0.387	ng/ul	99
22) Chrysene	21.571	228	29431	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.237	252	30944	0.336	ng/ul	99
25) Benzo(k)fluoranthene	23.287	252	30646	0.343	ng/ul	99
26) Benzo(a)pyrene	23.892	252	26522	0.358	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.599	276	31437	0.331	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.619	278	25729	0.336	ng/ul	98
29) Benzo(g,h,i)perylene	27.407	276	25764	0.319	ng/ul	97

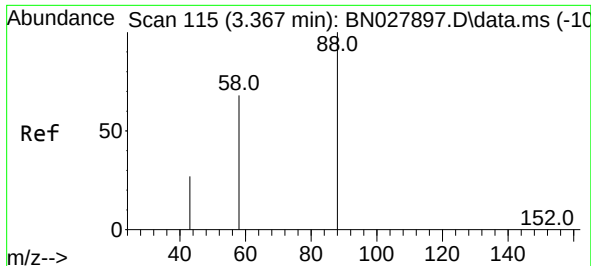
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 01:15:32 2023
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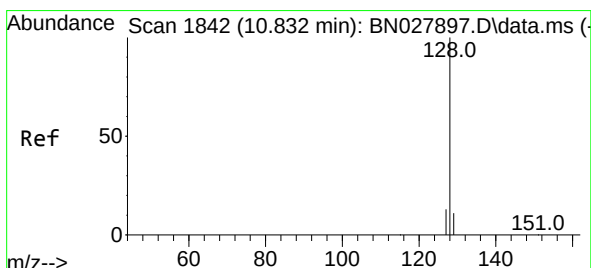
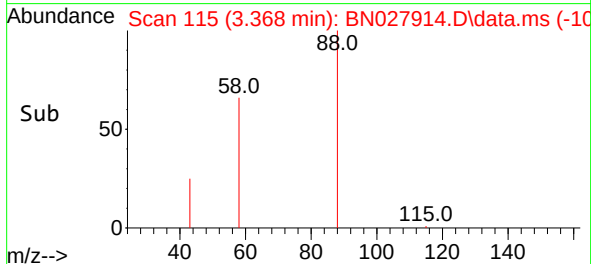
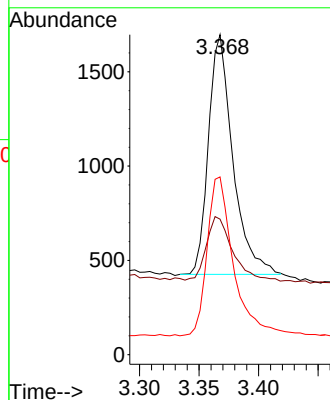
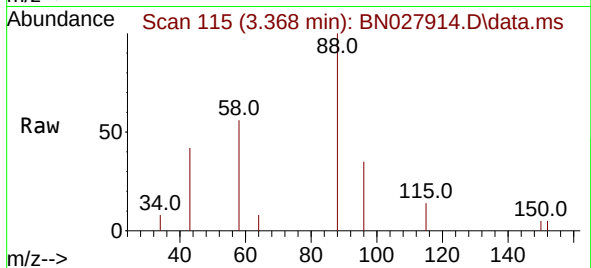




#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.368 min Scan# 115
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

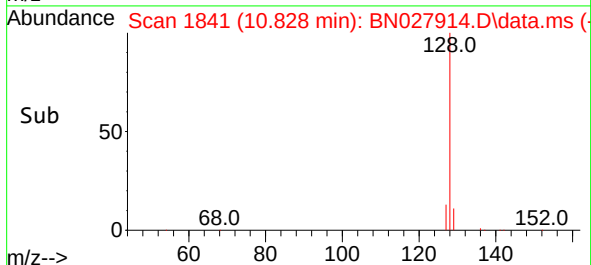
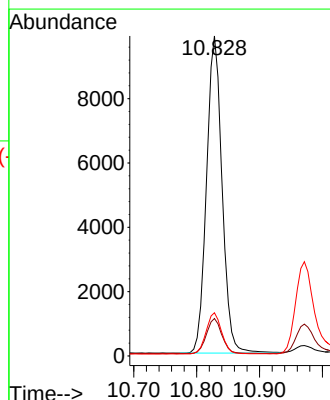
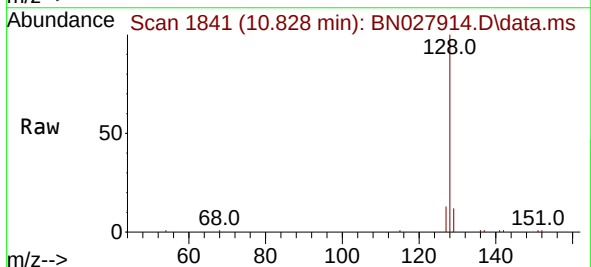
Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

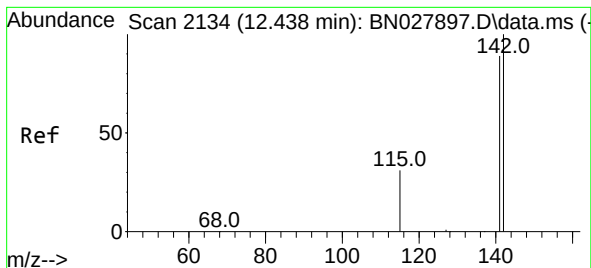
Tgt Ion: 88 Resp: 1810
Ion Ratio Lower Upper
88 100
43 42.4 39.6 59.4
58 55.6 48.3 72.5



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion: 128 Resp: 16979
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 10.7 16.1

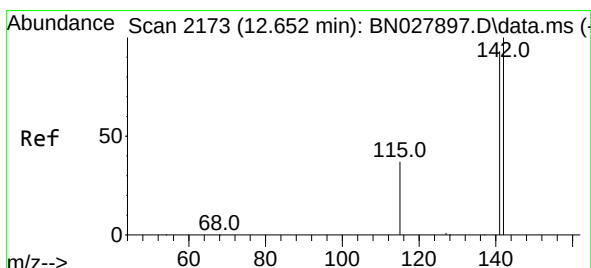
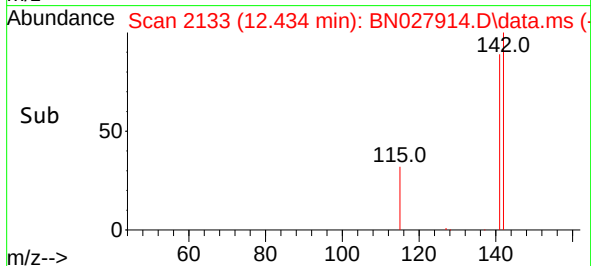
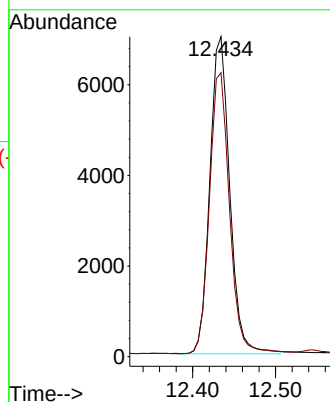
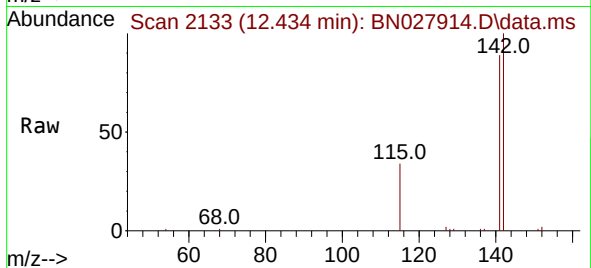




#7
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

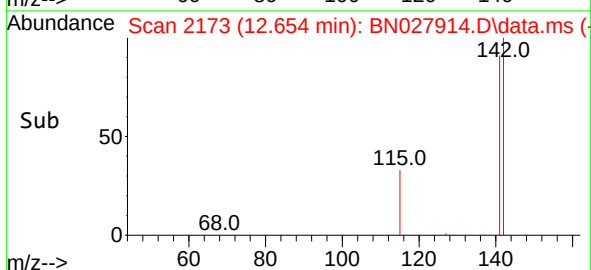
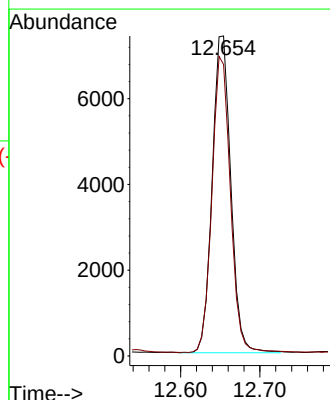
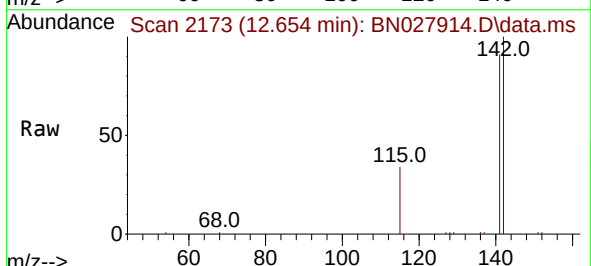
Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

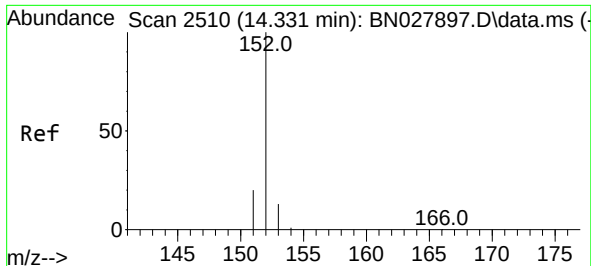
Tgt Ion:142 Resp: 11655
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion:142 Resp: 12067
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2

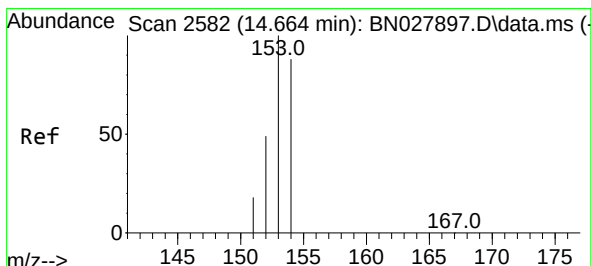
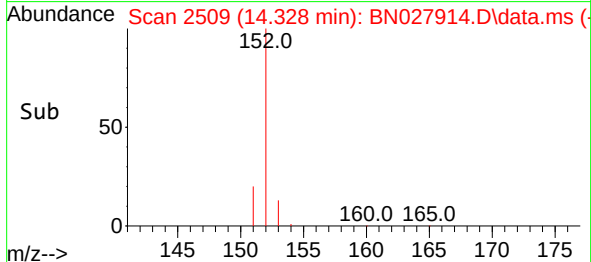
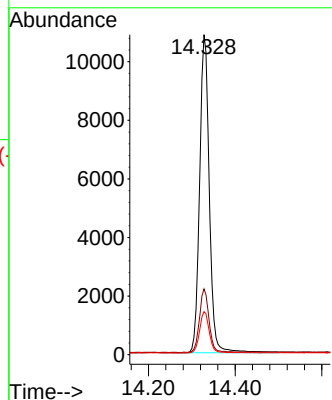
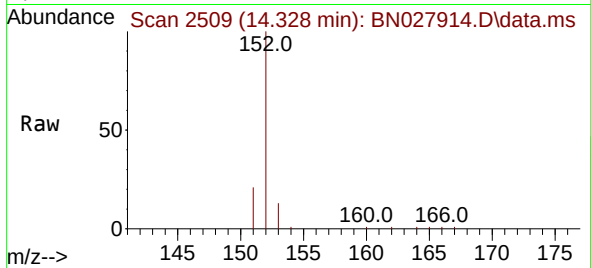




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

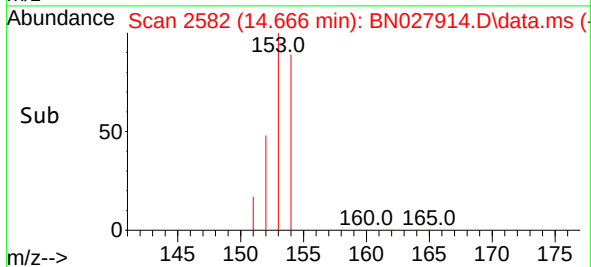
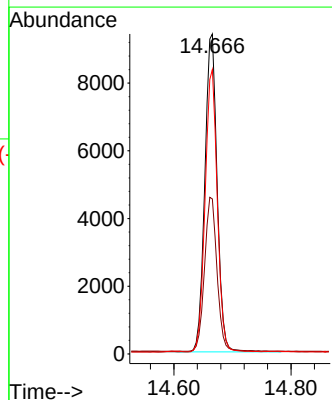
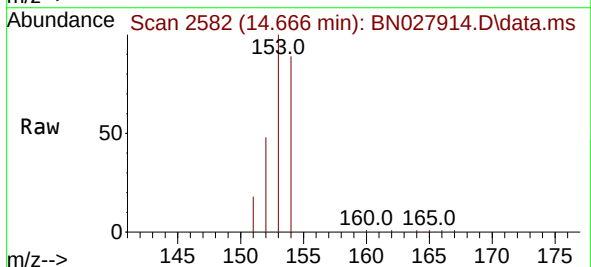
Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

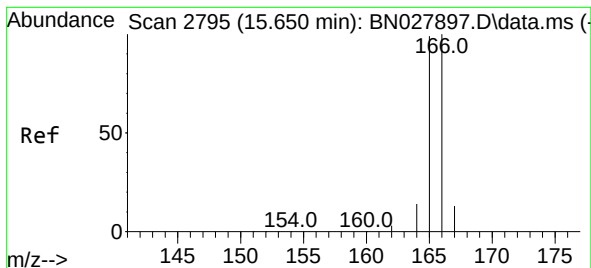
Tgt Ion:152 Resp: 16878
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.666 min Scan# 2582
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion:153 Resp: 13781
Ion Ratio Lower Upper
153 100
152 48.5 41.7 62.5
154 88.8 70.3 105.5





#12

Fluorene

Concen: 0.382 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027914.D

Acq: 28 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.4276

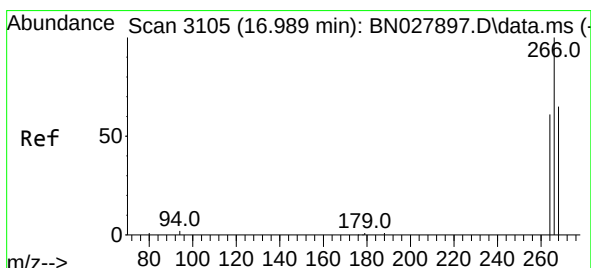
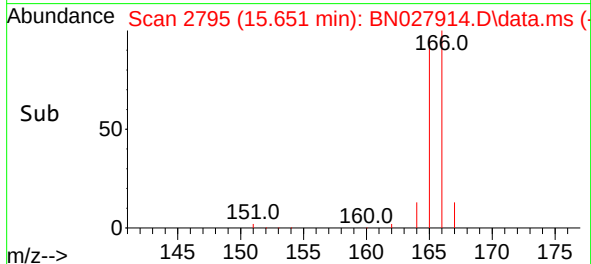
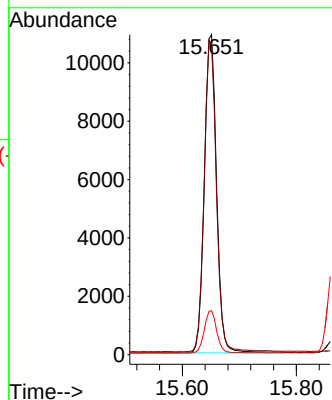
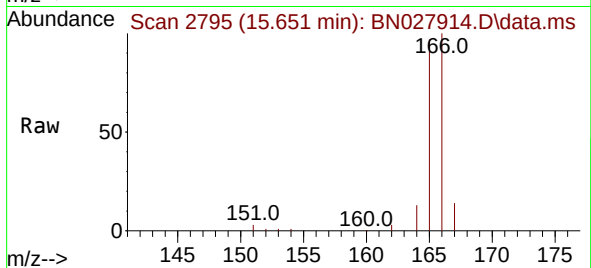
Tgt Ion:166 Resp: 16193

Ion Ratio Lower Upper

166 100

165 96.7 78.0 117.0

167 13.7 11.4 17.2



#14

Pentachlorophenol

Concen: 0.358 ng/ul

RT: 16.983 min Scan# 3103

Delta R.T. -0.004 min

Lab File: BN027914.D

Acq: 28 Sep 2023 00:36

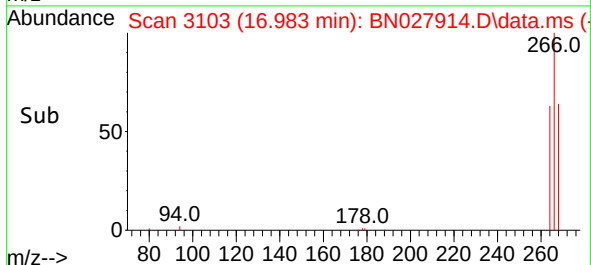
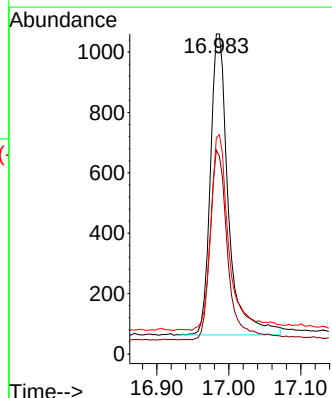
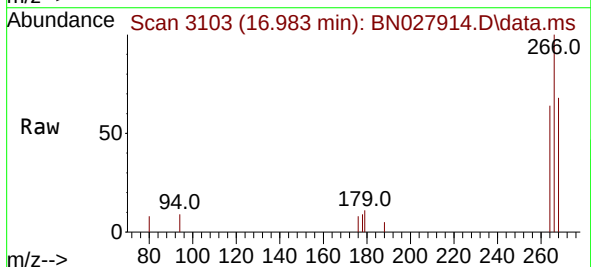
Tgt Ion:266 Resp: 1730

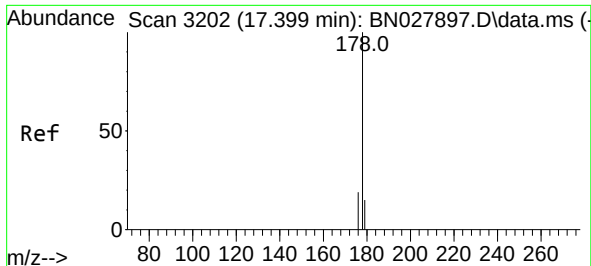
Ion Ratio Lower Upper

266 100

264 62.0 49.6 74.4

268 65.4 50.7 76.1

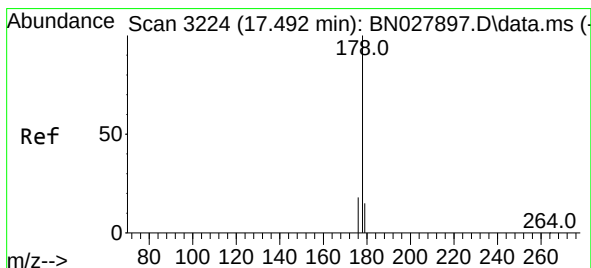
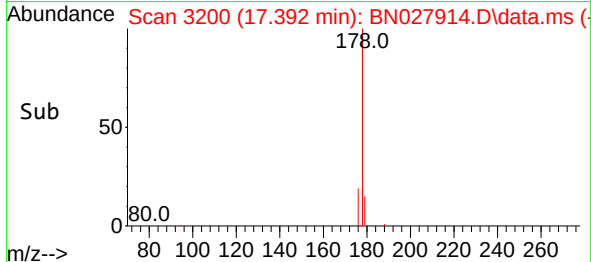
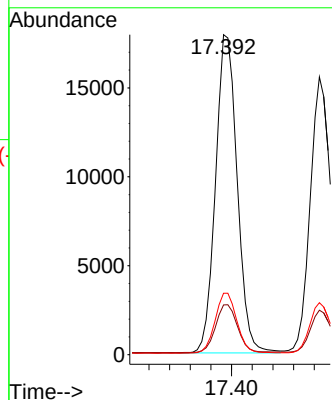
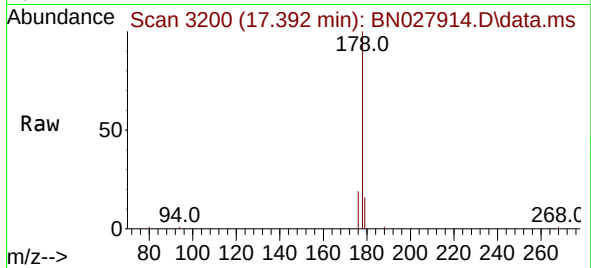




#15
Phenanthrene
Concen: 0.402 ng/u1
RT: 17.392 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

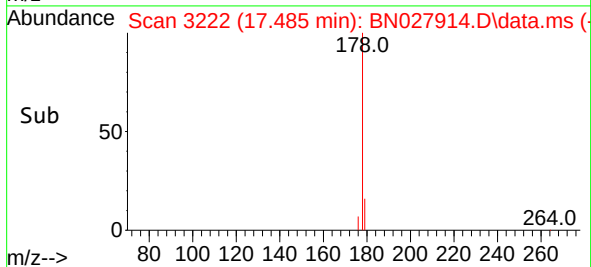
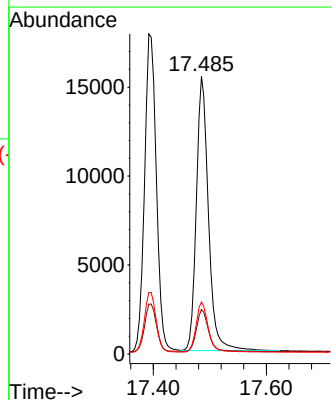
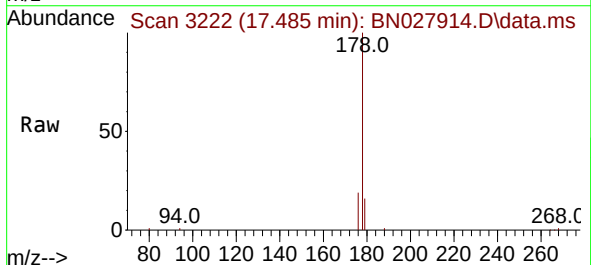
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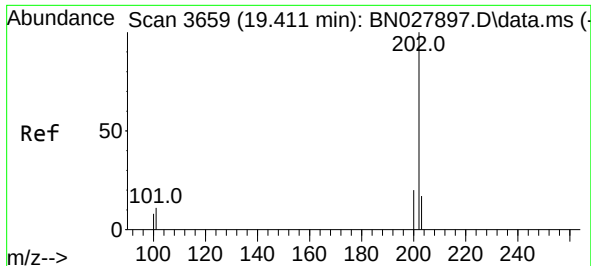
Tgt Ion:178 Resp: 26072
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.2 16.0 24.0



#16
Anthracene
Concen: 0.425 ng/u1
RT: 17.485 min Scan# 3222
Delta R.T. -0.004 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion:178 Resp: 23036
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 18.7 15.5 23.3

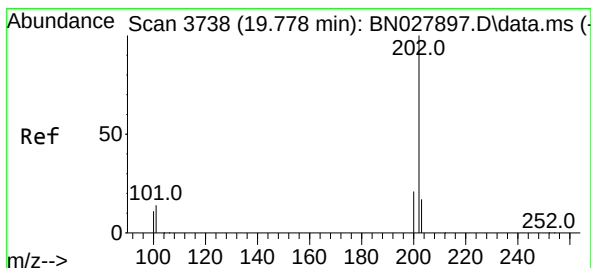
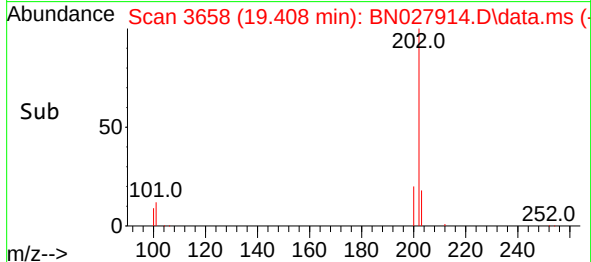
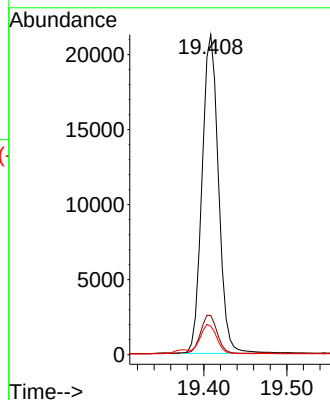
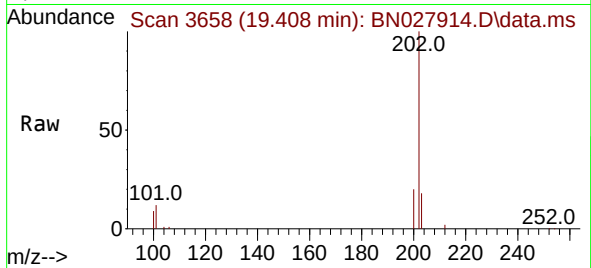




#19
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

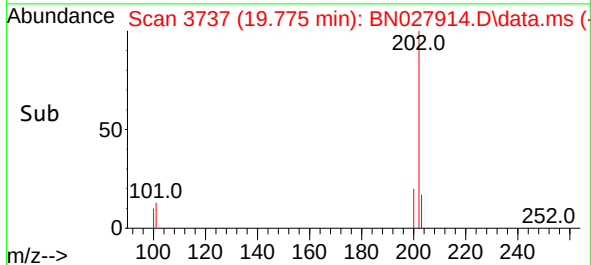
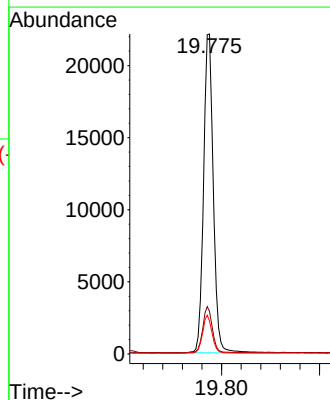
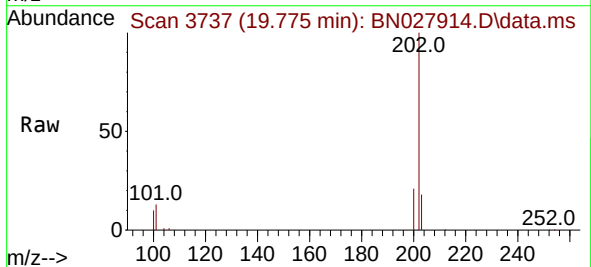
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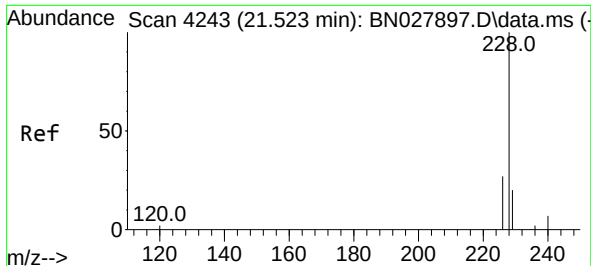
Tgt Ion:202 Resp: 29390
Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 8.9 7.0 10.4



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.775 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion:202 Resp: 30523
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.3 9.1 13.7

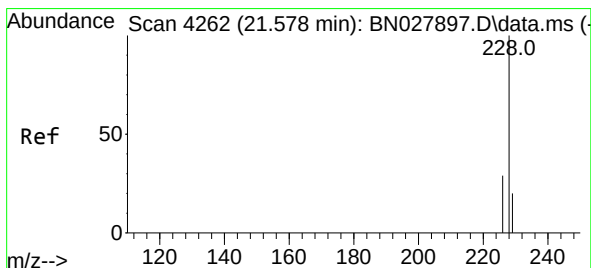
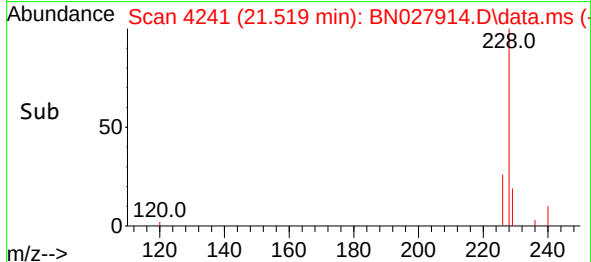
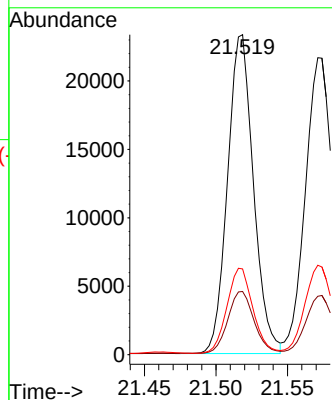
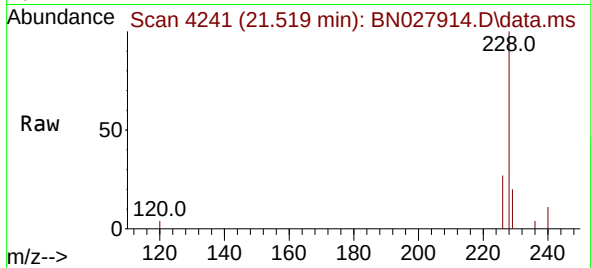




#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.519 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

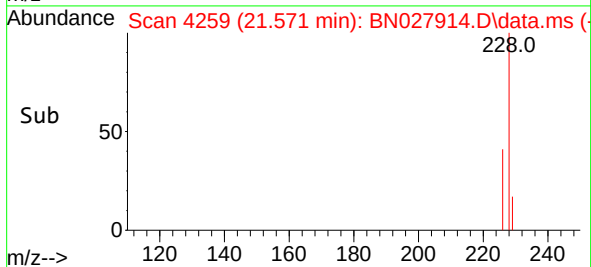
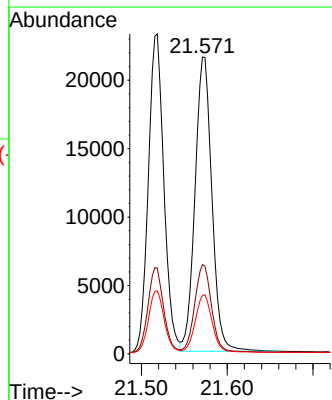
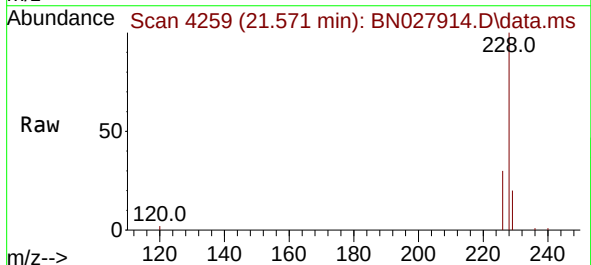
Instrument :
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SSTD0.4276

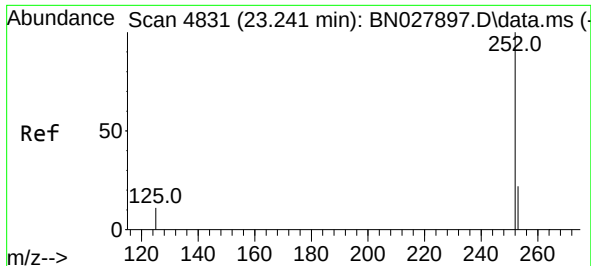
Tgt Ion:228 Resp: 29393
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 26.8 22.0 33.0



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.571 min Scan# 4259
Delta R.T. -0.003 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion:228 Resp: 29431
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.7 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.336 ng/ul

RT: 23.237 min Scan# 4829

Delta R.T. -0.003 min

Lab File: BN027914.D

Acq: 28 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.4276

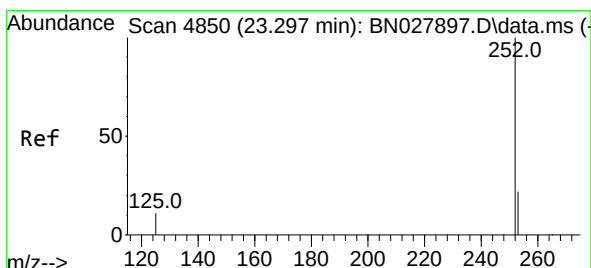
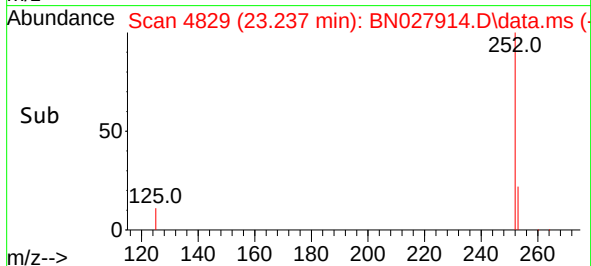
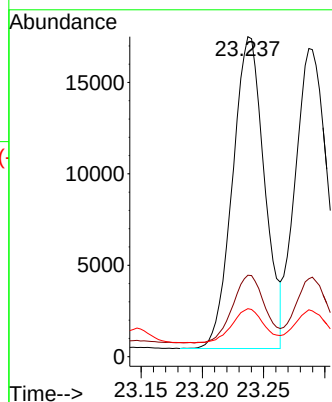
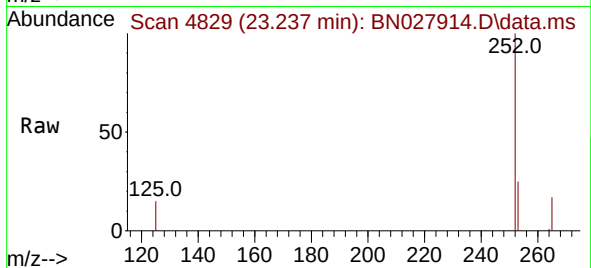
Tgt Ion:252 Resp: 30944

Ion Ratio Lower Upper

252 100

253 25.5 0.0 50.2

125 15.0 0.0 31.4



#25

Benzo(k)fluoranthene

Concen: 0.343 ng/ul

RT: 23.287 min Scan# 4846

Delta R.T. -0.006 min

Lab File: BN027914.D

Acq: 28 Sep 2023 00:36

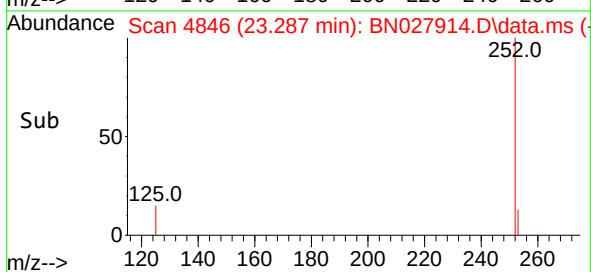
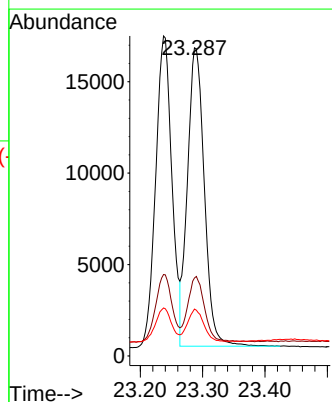
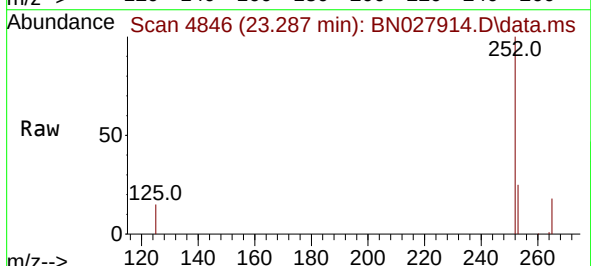
Tgt Ion:252 Resp: 30646

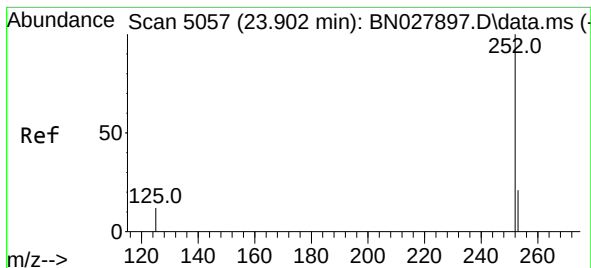
Ion Ratio Lower Upper

252 100

253 25.3 19.9 29.9

125 15.2 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.892 min Scan# 5057

Delta R.T. -0.003 min

Lab File: BN027914.D

Acq: 28 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

SSTD0.4276

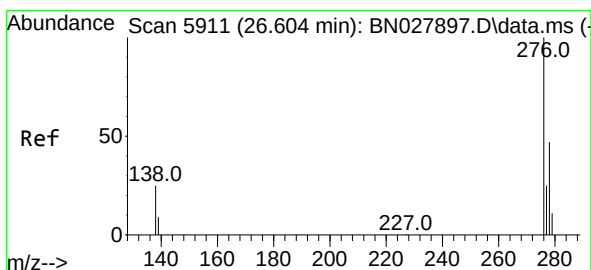
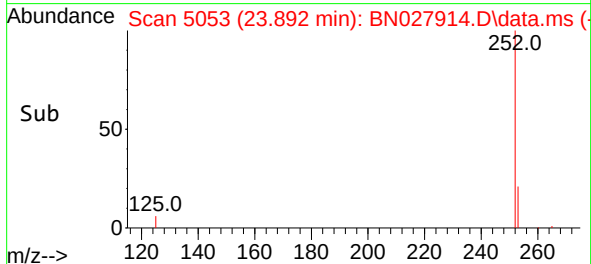
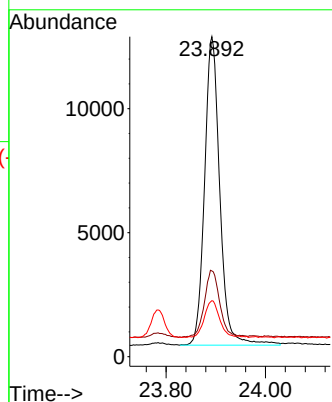
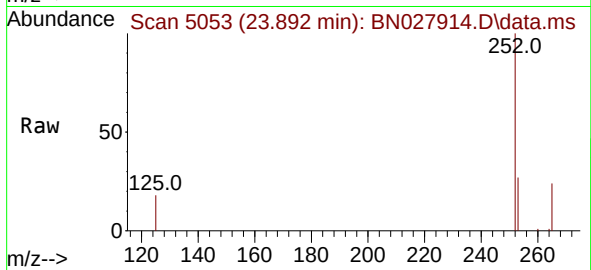
Tgt Ion:252 Resp: 26522

Ion Ratio Lower Upper

252 100

253 26.8 21.9 32.9

125 17.5 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.331 ng/ul

RT: 26.599 min Scan# 5909

Delta R.T. -0.000 min

Lab File: BN027914.D

Acq: 28 Sep 2023 00:36

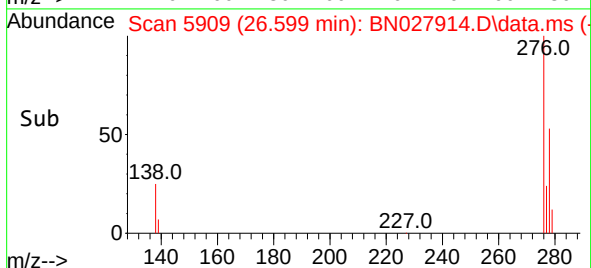
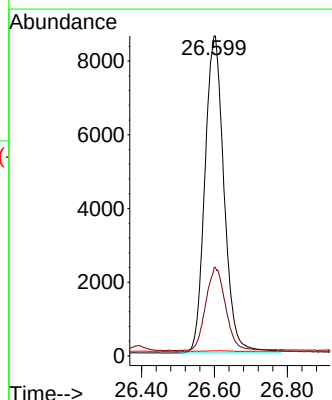
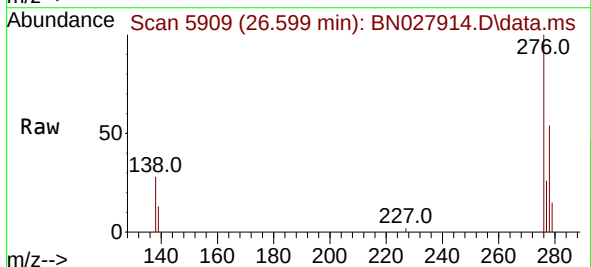
Tgt Ion:276 Resp: 31437

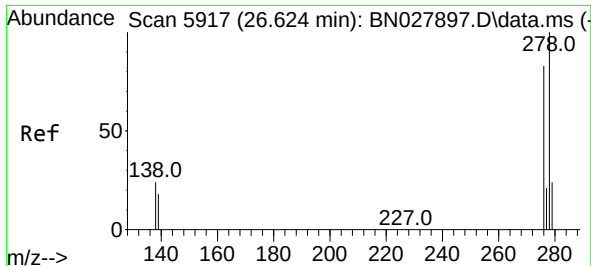
Ion Ratio Lower Upper

276 100

138 27.0 24.3 36.5

227 0.1 0.0 0.0#

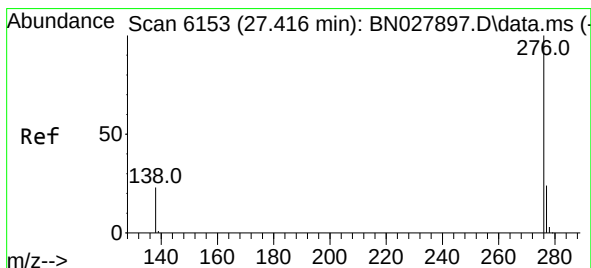
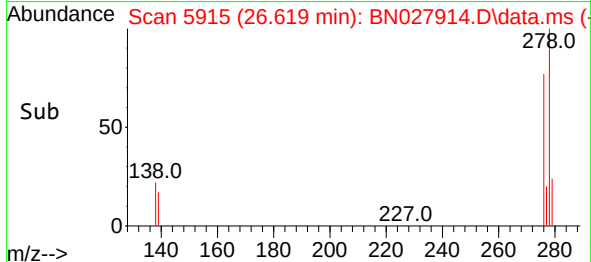
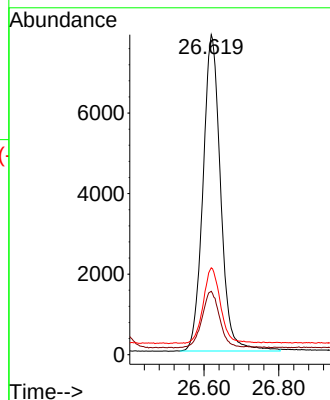
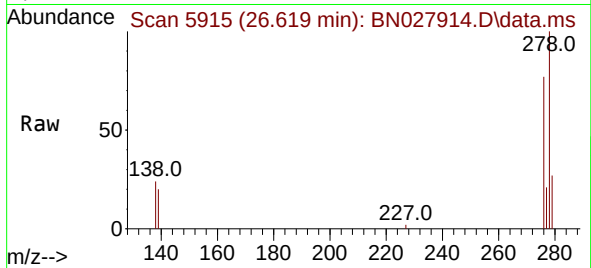




#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.619 min Scan# 5915
Delta R.T. -0.003 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.4276

Tgt Ion:278 Resp: 25729
Ion Ratio Lower Upper
278 100
139 19.8 17.2 25.8
279 27.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.407 min Scan# 6150
Delta R.T. -0.003 min
Lab File: BN027914.D
Acq: 28 Sep 2023 00:36

Tgt Ion:276 Resp: 25764
Ion Ratio Lower Upper
276 100
138 24.7 21.7 32.5
277 24.5 20.2 30.2

