

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019905.D
 Acq On : 21 May 2022 13:23
 Operator : CG/JU
 Sample : PB144975BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS975

Quant Time: May 23 01:48:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

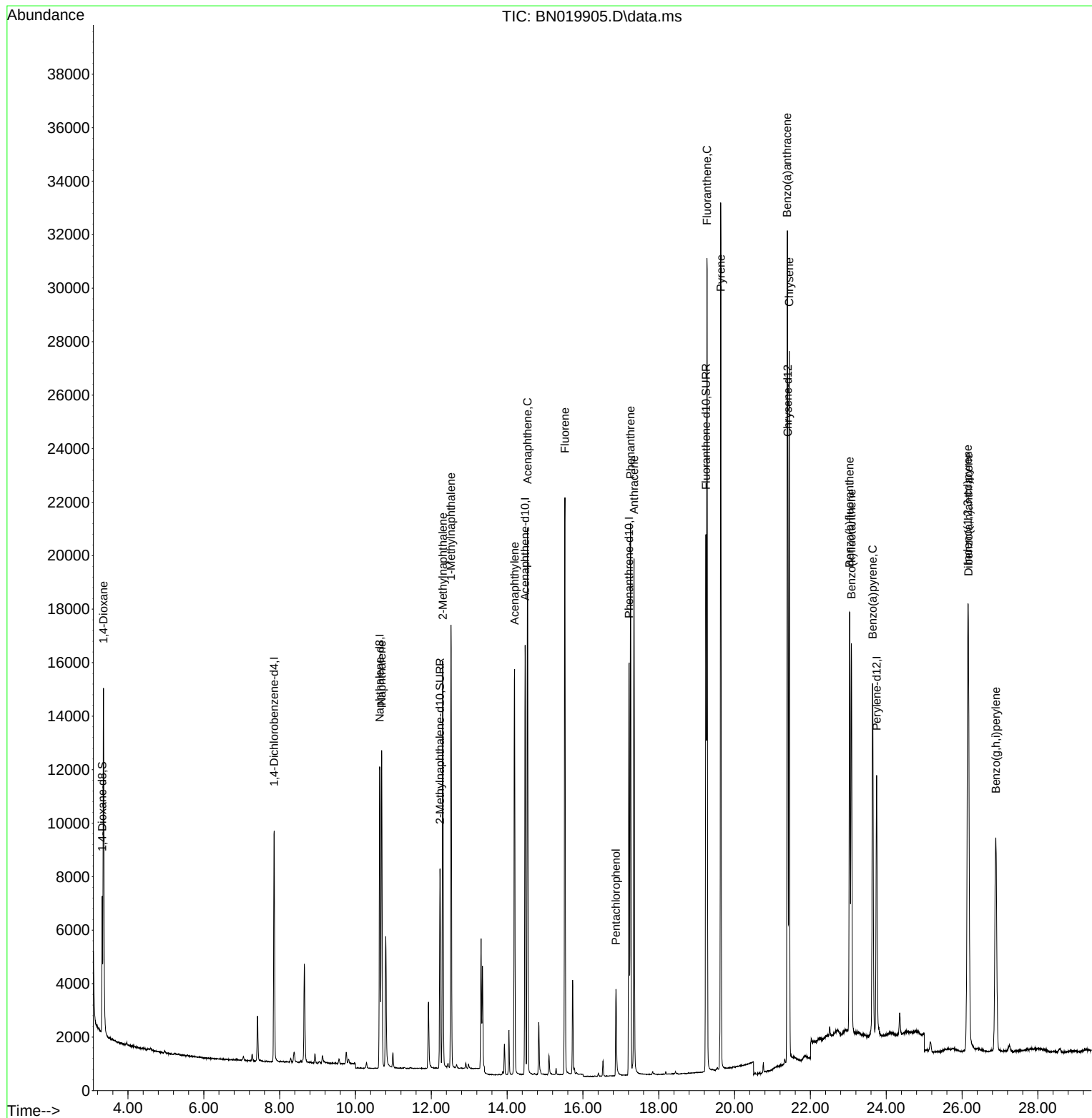
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4723	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15920	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	18959	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.406	240	15809	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	13152	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3328	0.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	10085	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	21835	0.436	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	8269	1.393	ng/ul#	74
5) Naphthalene	10.689	128	17070	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.306	142	11319	0.361	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	11629	0.400	ng/ul#	100
10) Acenaphthylene	14.197	152	18237	0.393	ng/ul	99
11) Acenaphthene	14.539	153	12231	0.328	ng/ul	100
12) Fluorene	15.524	166	13845	0.338	ng/ul	99
14) Pentachlorophenol	16.871	266	2469	0.605	ng/ul	89
15) Phenanthrene	17.255	178	22506	0.323	ng/ul	99
16) Anthracene	17.348	178	21637	0.380	ng/ul	99
19) Fluoranthene	19.276	202	26781	0.370	ng/ul	97
20) Pyrene	19.634	202	27495	0.381	ng/ul	100
21) Benzo(a)anthracene	21.388	228	23840	0.403	ng/ul	99
22) Chrysene	21.441	228	23406	0.336	ng/ul	98
24) Benzo(b)fluoranthene	23.034	252	21307	0.319	ng/ul	96
25) Benzo(k)fluoranthene	23.080	252	19874	0.309	ng/ul#	97
26) Benzo(a)pyrene	23.642	252	20258	0.356	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.154	276	21522	0.304	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.168	278	17800	0.300	ng/ul#	82
29) Benzo(g,h,i)perylene	26.892	276	18210	0.281	ng/ul	97

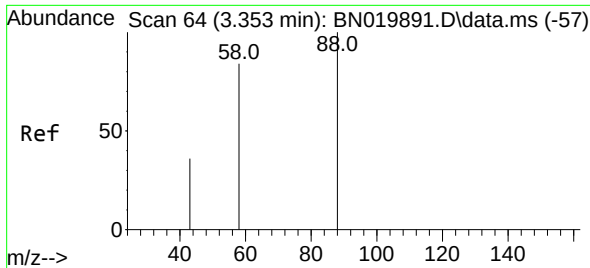
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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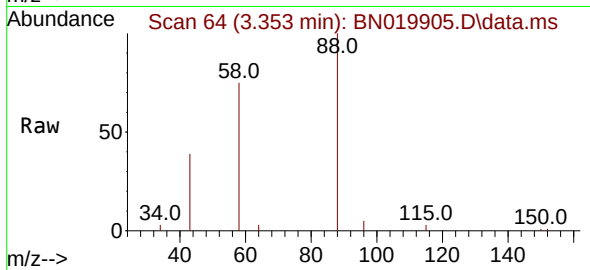
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



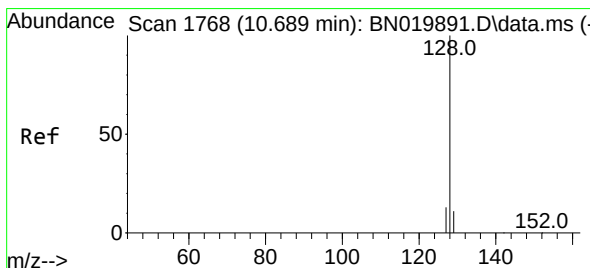
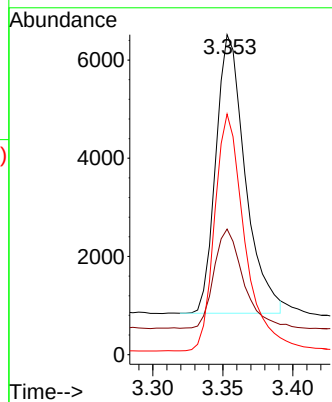
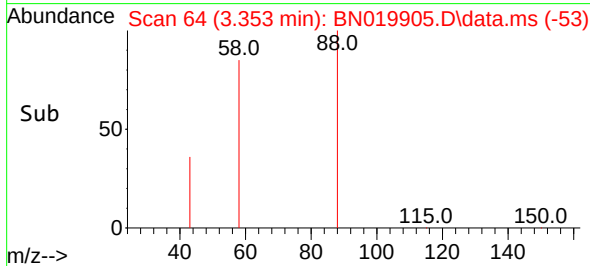


#2
 1,4-Dioxane
 Concen: 1.393 ng/ul
 RT: 3.353 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN019905.D
 Acq: 21 May 2022 13:23

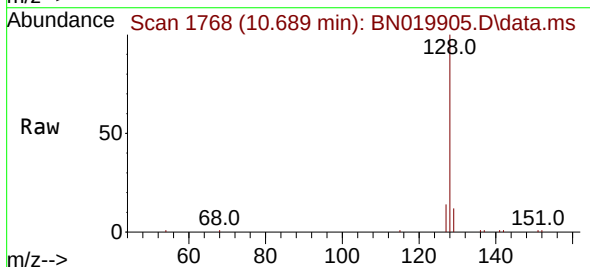
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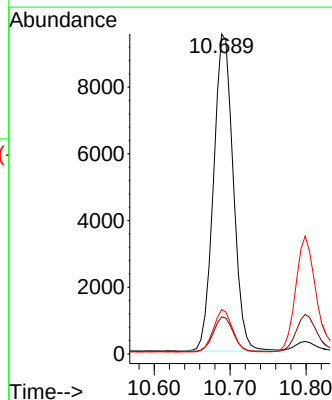
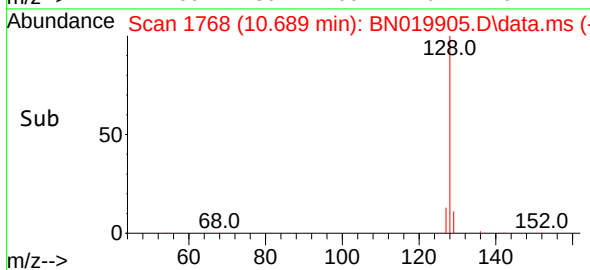
Tgt Ion: 88 Resp: 8269
 Ion Ratio Lower Upper
 88 100
 43 39.2 39.0 58.4
 58 75.2 39.8 59.8#

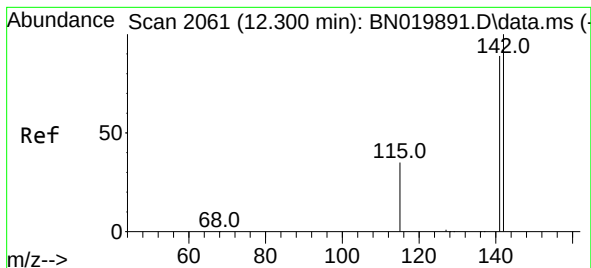


#5
 Naphthalene
 Concen: 0.331 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. -0.005 min
 Lab File: BN019905.D
 Acq: 21 May 2022 13:23



Tgt Ion: 128 Resp: 17070
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 13.9 11.0 16.4

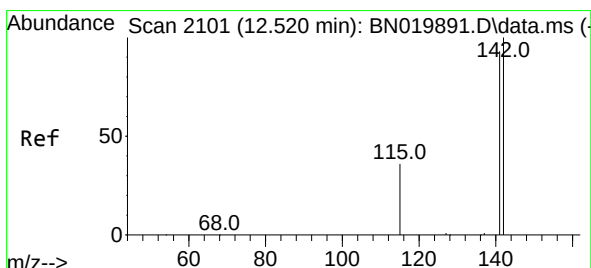
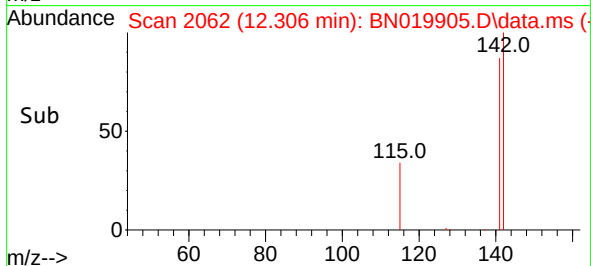
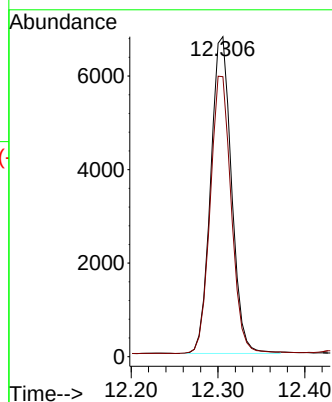
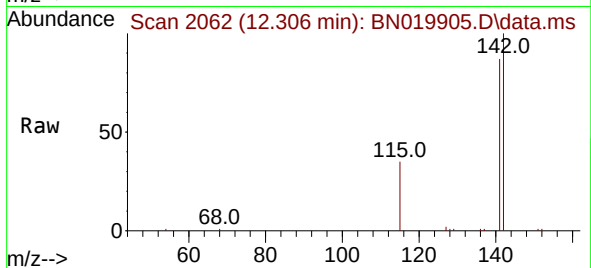




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

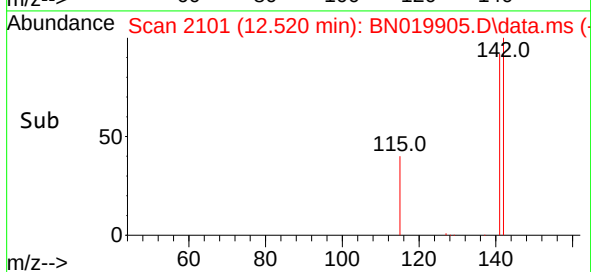
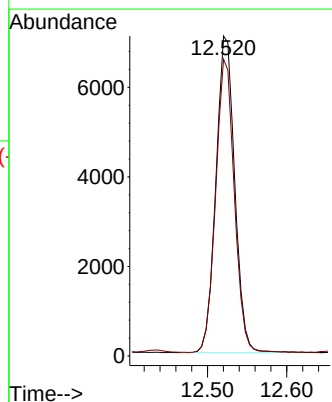
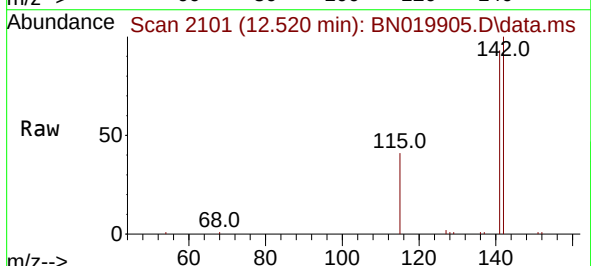
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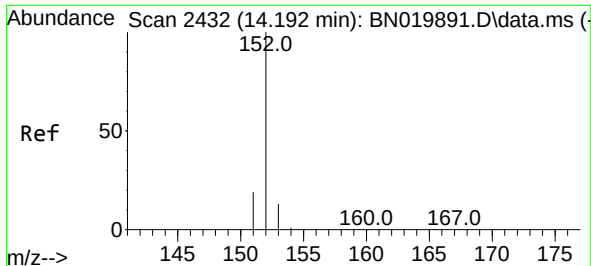
Tgt Ion:142 Resp: 11319
Ion Ratio Lower Upper
142 100
141 88.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:142 Resp: 11629
Ion Ratio Lower Upper
142 100
141 91.9 0.0 0.0#

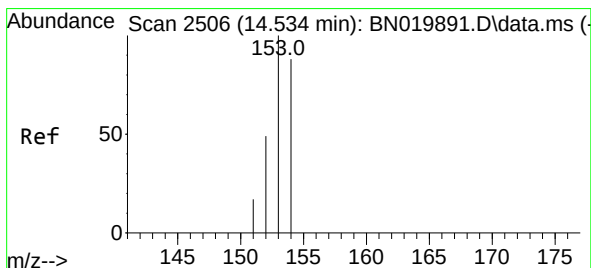
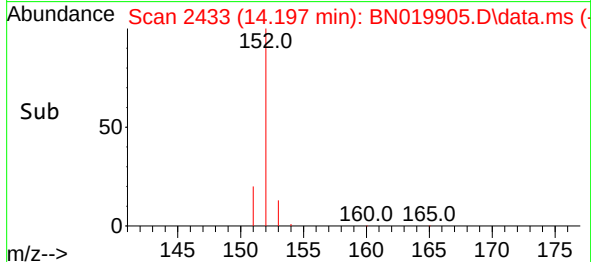
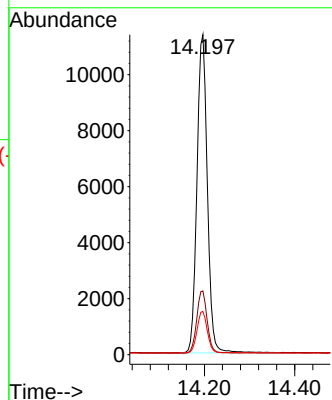
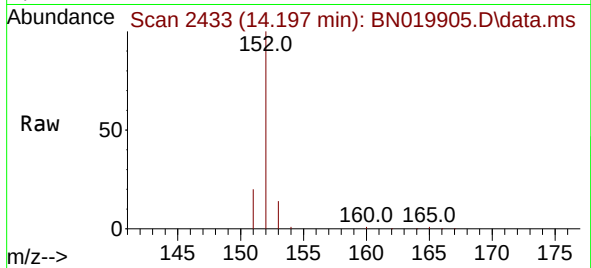




#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.197 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

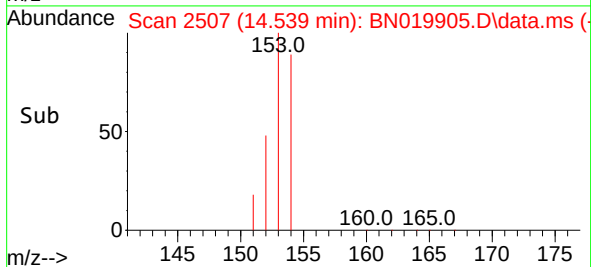
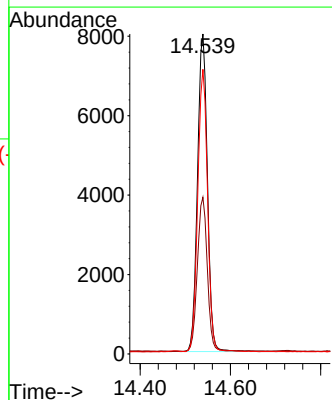
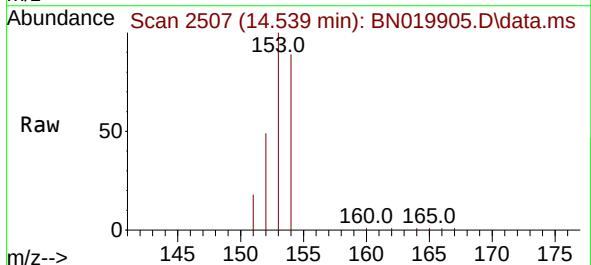
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ClientSampleId :
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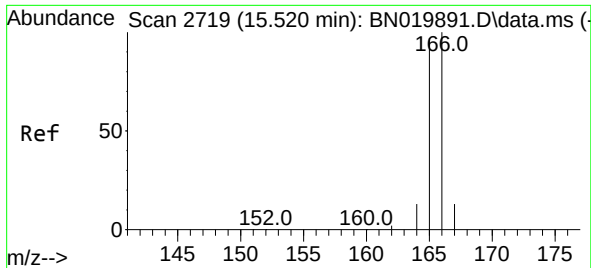
Tgt Ion:152 Resp: 18237
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:153 Resp: 12231
Ion Ratio Lower Upper
153 100
152 48.9 38.6 57.8
154 88.9 71.2 106.8

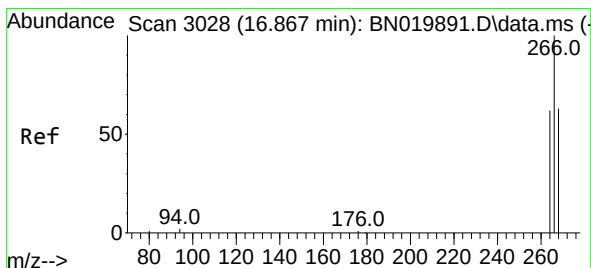
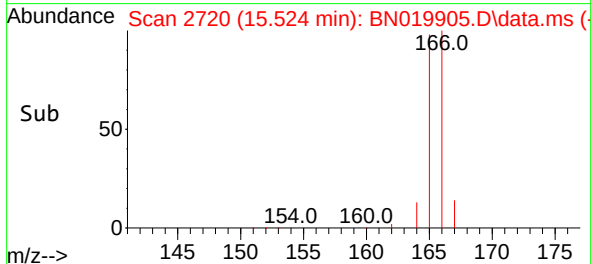
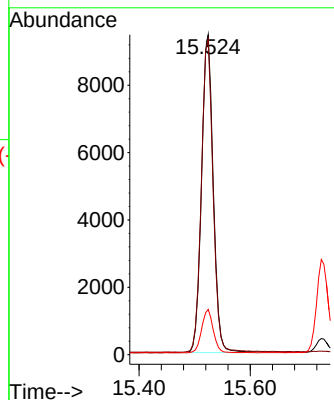
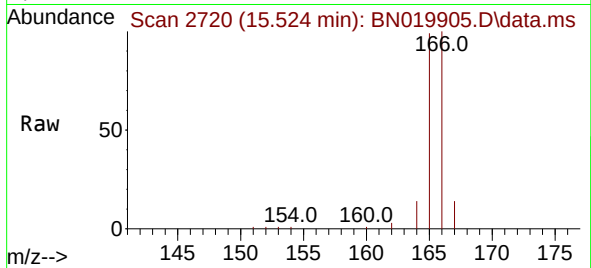




#12
 Fluorene
 Concen: 0.338 ng/ul
 RT: 15.524 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019905.D
 Acq: 21 May 2022 13:23

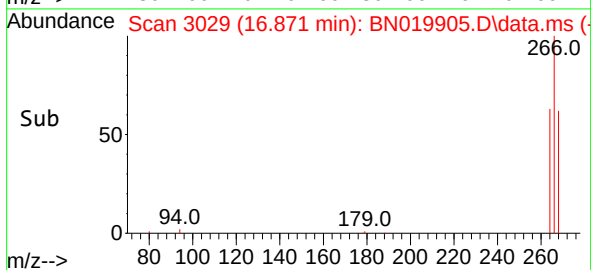
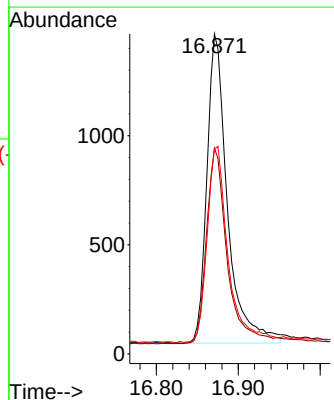
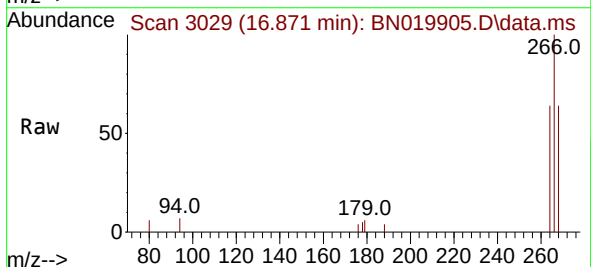
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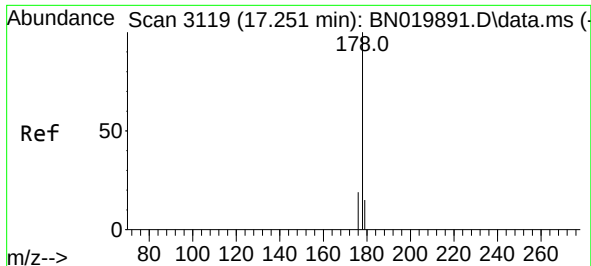
Tgt Ion:166 Resp: 13845
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.2 117.2
 167 14.1 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.605 ng/ul
 RT: 16.871 min Scan# 3029
 Delta R.T. 0.004 min
 Lab File: BN019905.D
 Acq: 21 May 2022 13:23

Tgt Ion:266 Resp: 2469
 Ion Ratio Lower Upper
 266 100
 264 63.8 44.9 67.3
 268 64.7 44.6 67.0

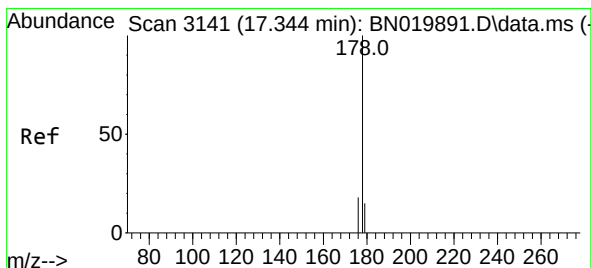
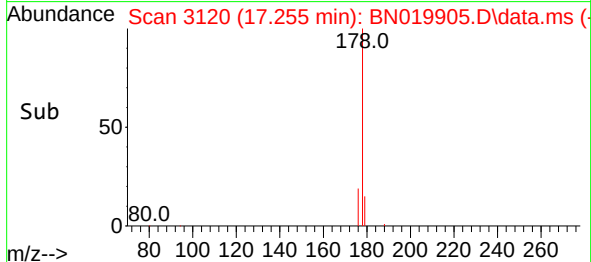
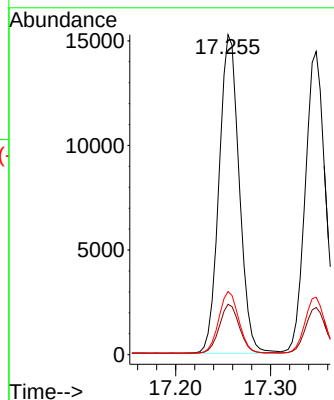
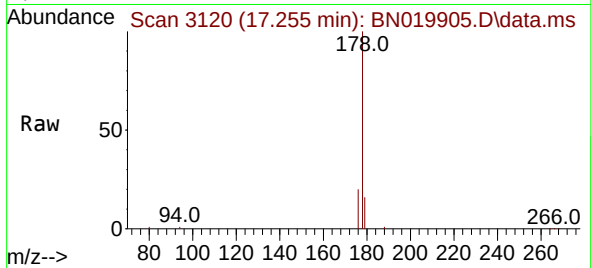




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.255 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

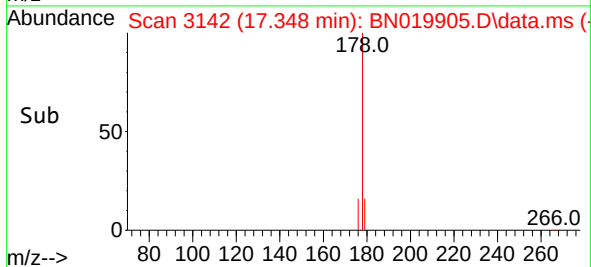
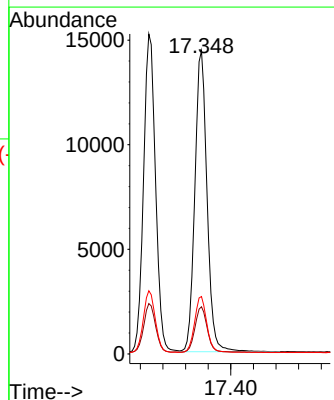
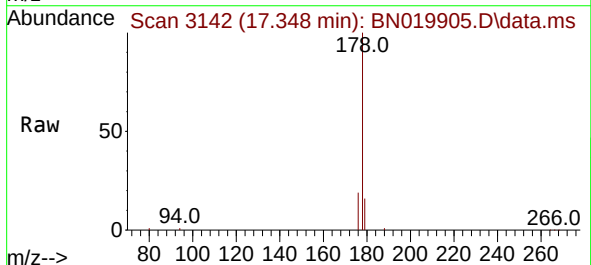
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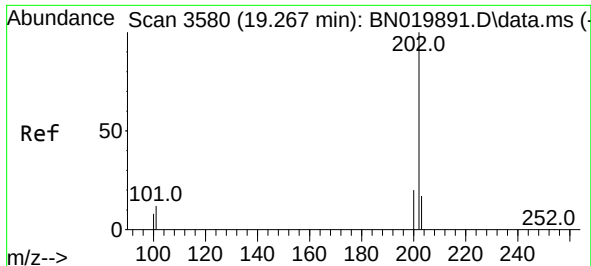
Tgt Ion:178 Resp: 22506
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.7 15.5 23.3



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:178 Resp: 21637
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.9 15.3 22.9

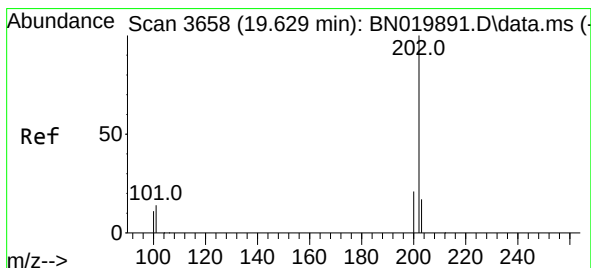
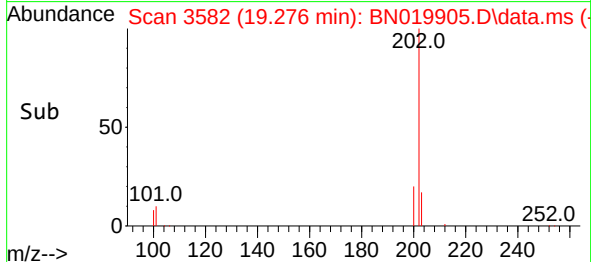
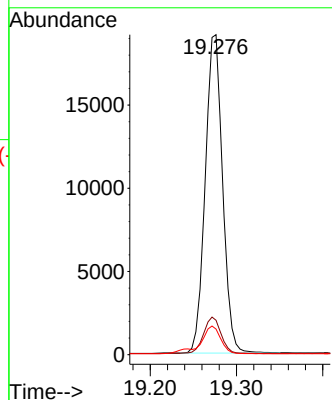
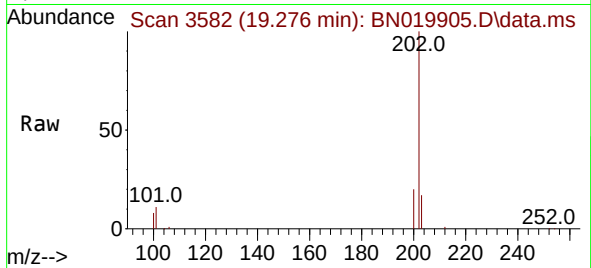




#19
Fluoranthene
Concen: 0.370 ng/u1
RT: 19.276 min Scan# 3582
Delta R.T. 0.005 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

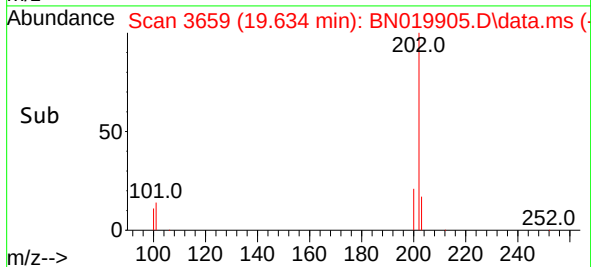
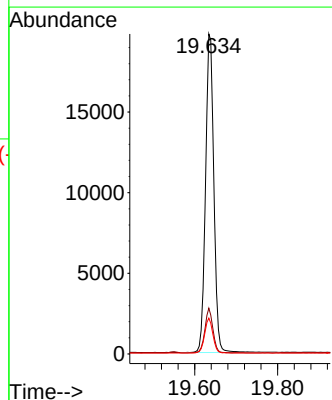
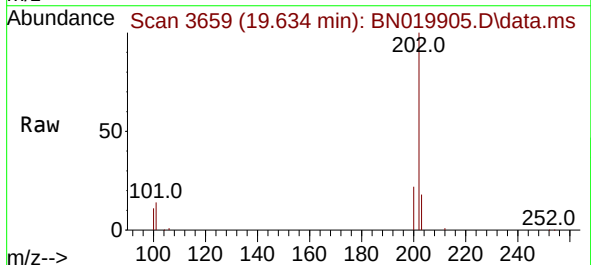
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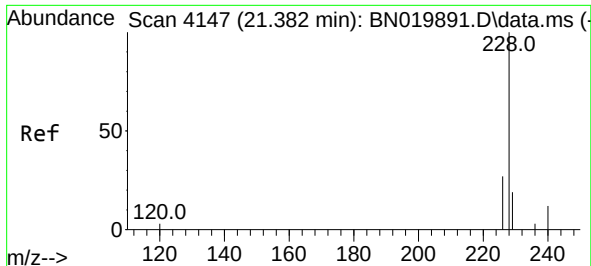
Tgt Ion:202 Resp: 26781
Ion Ratio Lower Upper
202 100
101 10.8 9.7 14.5
100 8.0 7.4 11.2



#20
Pyrene
Concen: 0.381 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:202 Resp: 27495
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.2 9.0 13.4

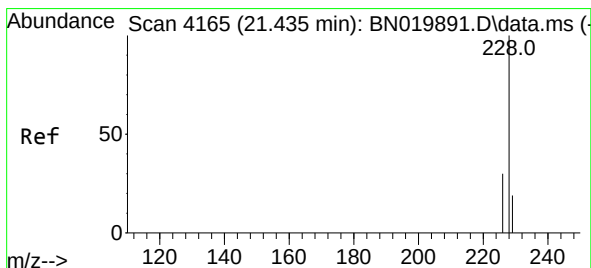
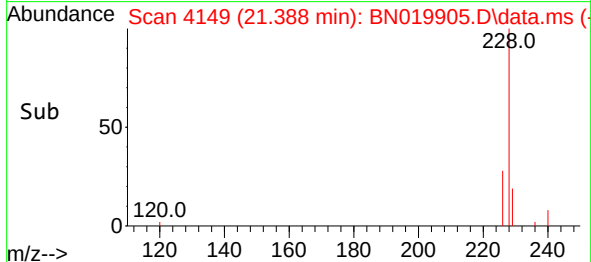
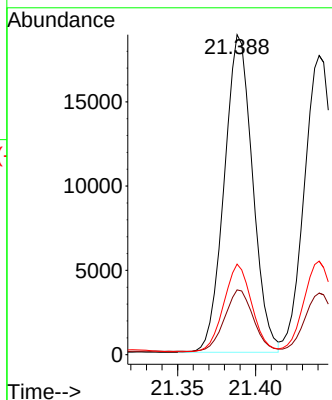
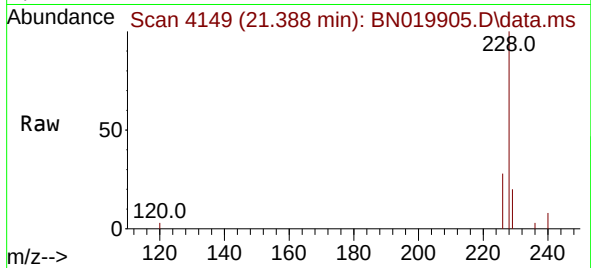




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.388 min Scan# 4147
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

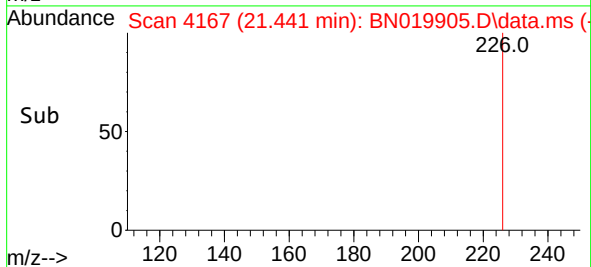
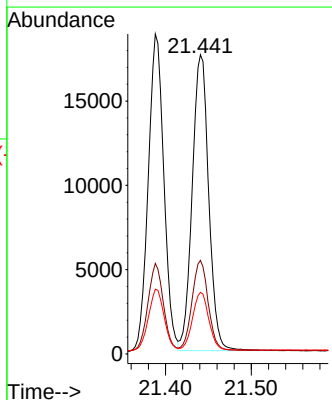
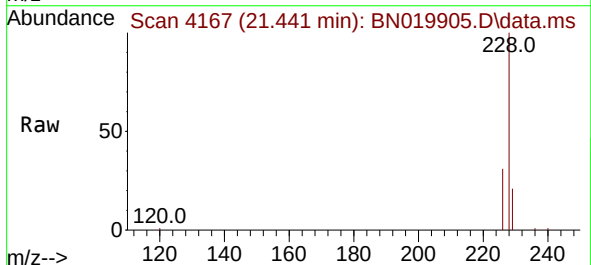
Instrument :
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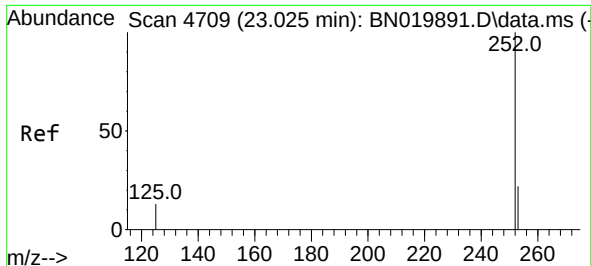
Tgt Ion:228 Resp: 23840
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.441 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:228 Resp: 23406
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 20.6 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.319 ng/ul

RT: 23.034 min Scan# 4712

Delta R.T. 0.000 min

Lab File: BN019905.D

Acq: 21 May 2022 13:23

Instrument :

BNA_N

ClientSampleId :

SLCS975

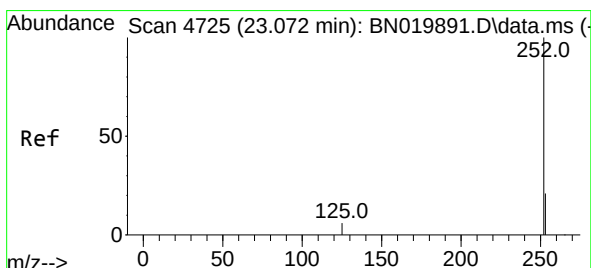
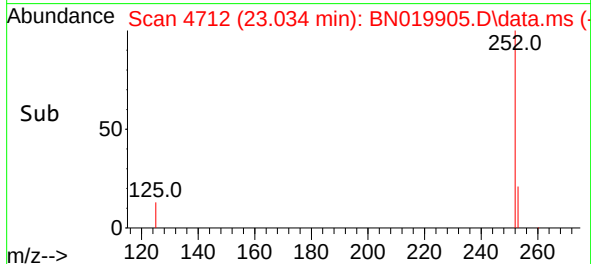
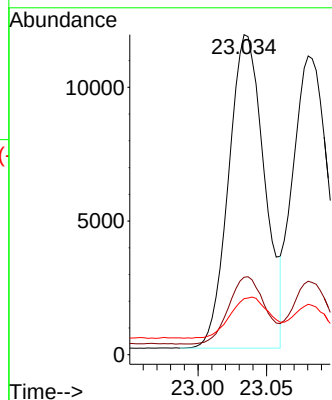
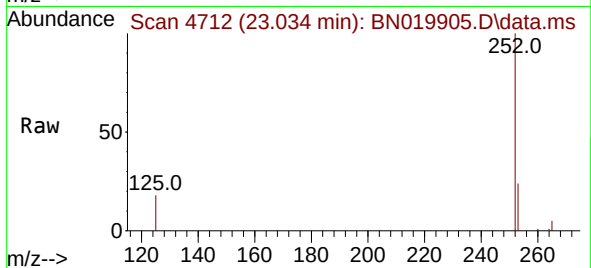
Tgt Ion:252 Resp: 21307

Ion Ratio Lower Upper

252 100

253 24.2 0.0 52.0

125 17.5 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 0.309 ng/ul

RT: 23.080 min Scan# 4728

Delta R.T. 0.000 min

Lab File: BN019905.D

Acq: 21 May 2022 13:23

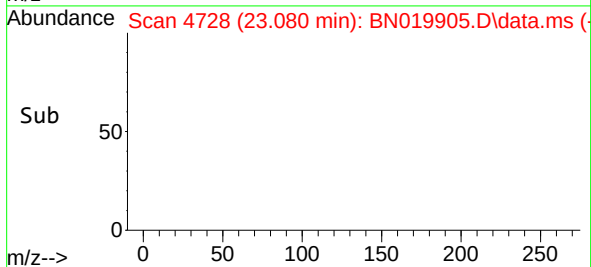
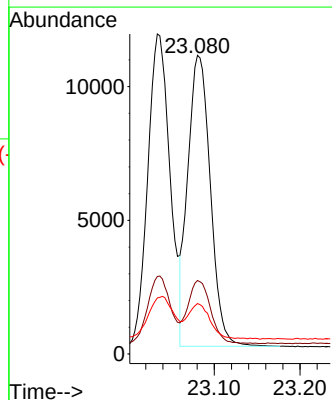
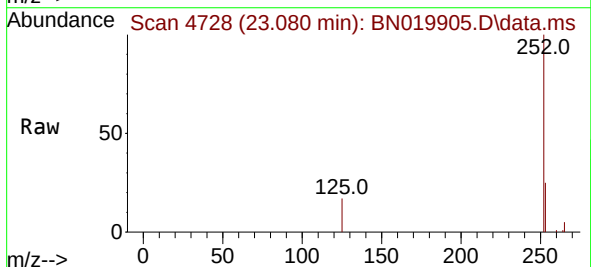
Tgt Ion:252 Resp: 19874

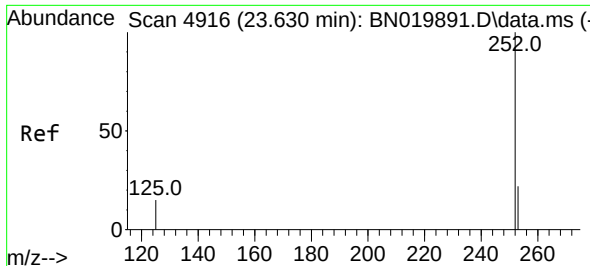
Ion Ratio Lower Upper

252 100

253 24.6 20.2 30.2

125 16.9 11.0 16.6#

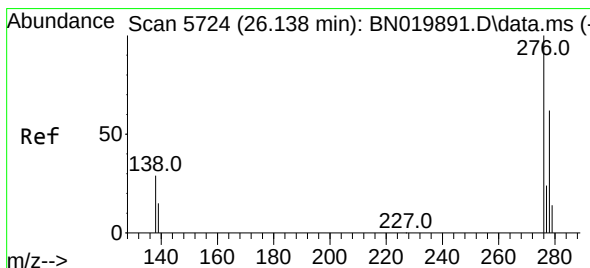
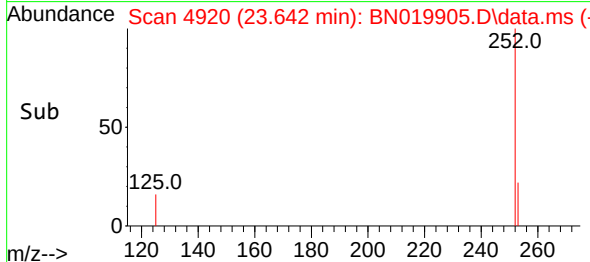
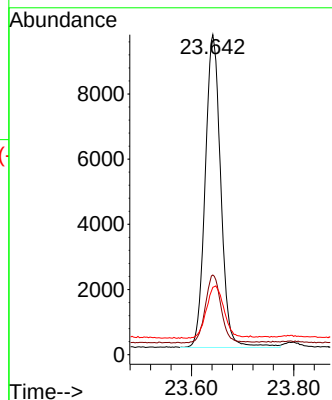
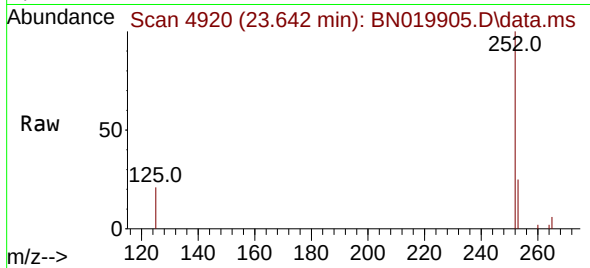




#26
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.642 min Scan# 4916
Delta R.T. 0.003 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

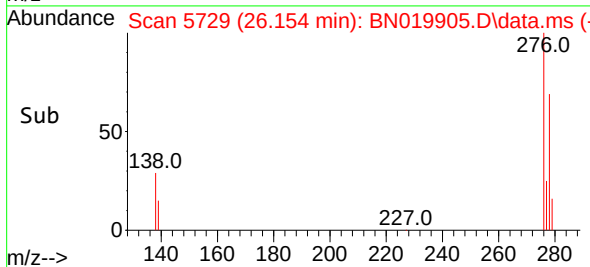
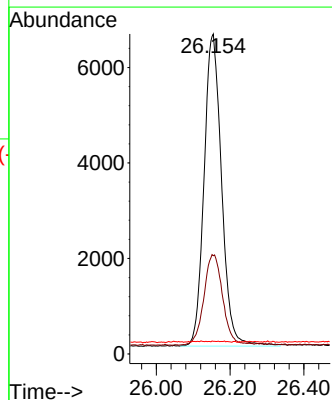
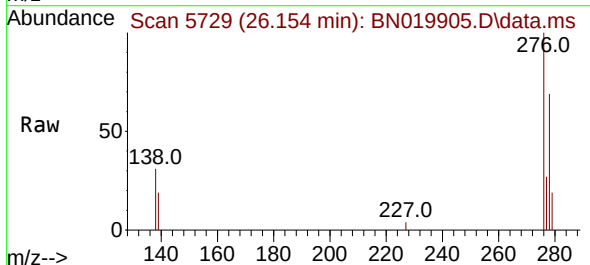
Instrument :
BNA_N
ClientSampleId :
SLCS975

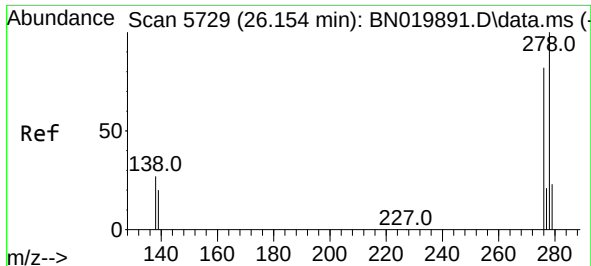
Tgt Ion:252 Resp: 20258
Ion Ratio Lower Upper
252 100
253 24.9 23.4 35.0
125 21.0 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.154 min Scan# 5729
Delta R.T. 0.007 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:276 Resp: 21522
Ion Ratio Lower Upper
276 100
138 31.2 23.6 35.4
227 0.3 0.0 0.0#

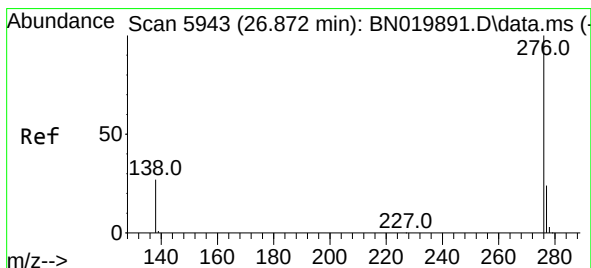
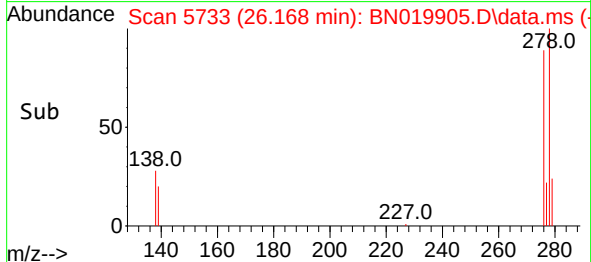
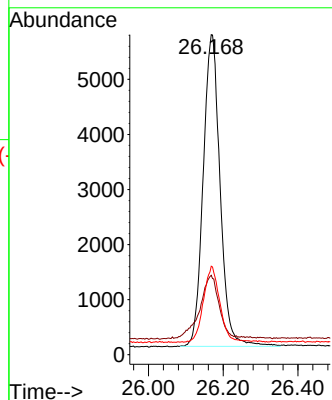
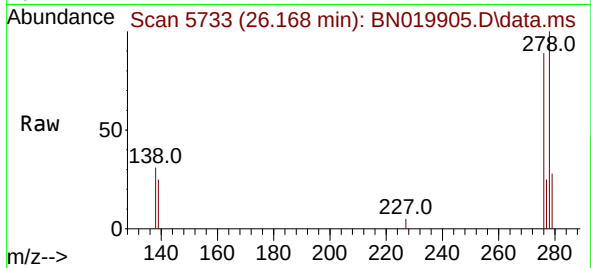




#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 26.168 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Instrument :
BNA_N
ClientSampleId :
SLCS975

Tgt Ion:278 Resp: 17800
Ion Ratio Lower Upper
278 100
139 24.8 18.6 28.0
279 27.6 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.281 ng/ul
RT: 26.892 min Scan# 5949
Delta R.T. 0.014 min
Lab File: BN019905.D
Acq: 21 May 2022 13:23

Tgt Ion:276 Resp: 18210
Ion Ratio Lower Upper
276 100
138 28.0 20.9 31.3
277 26.4 20.4 30.6

