

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026983.D
 Acq On : 19 Aug 2023 06:53
 Operator : MA/JU
 Sample : PB154872BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS872

Quant Time: Aug 19 07:23:34 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

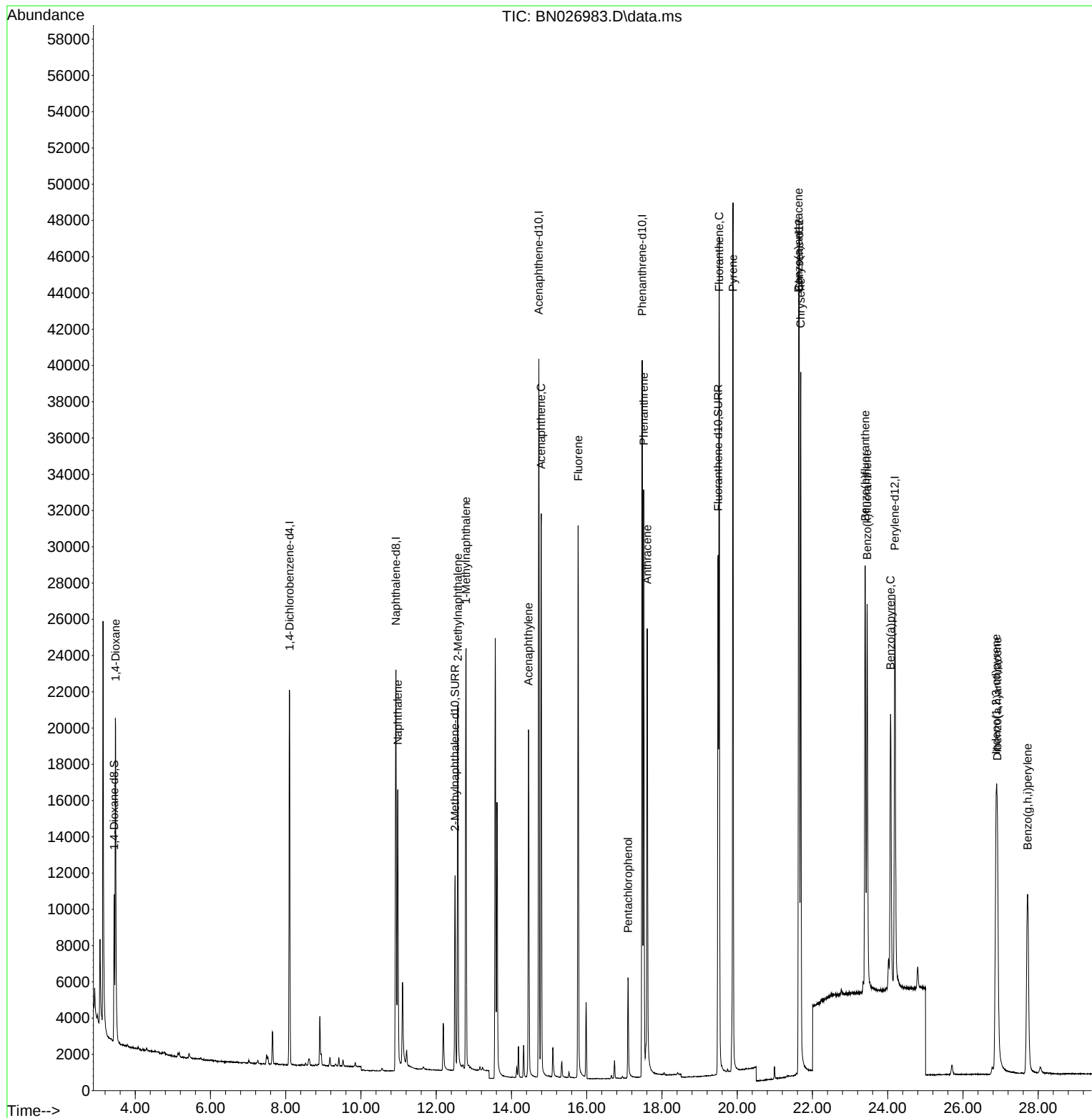
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	10604	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	33863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	22148	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	48906	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	37967	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	33516	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5744	0.456	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	14690	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	33868	0.282	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	13696	1.066	ng/ul#	93
5) Naphthalene	10.977	128	21894	0.229	ng/ul	100
7) 2-Methylnaphthalene	12.572	142	15017	0.259	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	16682	0.275	ng/ul	100
10) Acenaphthylene	14.453	152	23151	0.187	ng/ul	99
11) Acenaphthene	14.791	153	18374	0.214	ng/ul	100
12) Fluorene	15.772	166	20443	0.210	ng/ul	98
14) Pentachlorophenol	17.097	266	3985	0.288	ng/ul	100
15) Phenanthrene	17.515	178	34676	0.216	ng/ul	99
16) Anthracene	17.608	178	29056	0.200	ng/ul	100
19) Fluoranthene	19.520	202	39928	0.253	ng/ul	98
20) Pyrene	19.887	202	40913	0.243	ng/ul	98
21) Benzo(a)anthracene	21.630	228	33940	0.225	ng/ul	99
22) Chrysene	21.688	228	35477	0.238	ng/ul	99
24) Benzo(b)fluoranthene	23.401	252	33462	0.264	ng/ul	97
25) Benzo(k)fluoranthene	23.454	252	32584	0.261	ng/ul#	95
26) Benzo(a)pyrene	24.076	252	26650	0.233	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.881	276	30923	0.207	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.911	278	24193	0.203	ng/ul	98
29) Benzo(g,h,i)perylene	27.719	276	25973	0.208	ng/ul	98

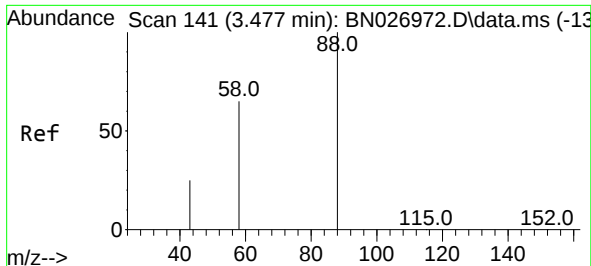
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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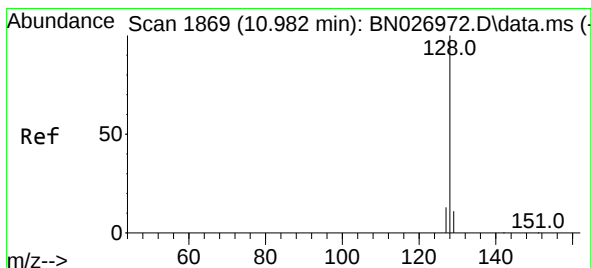
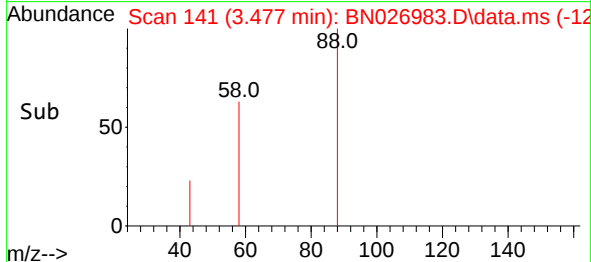
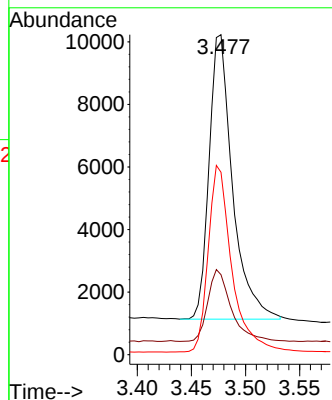
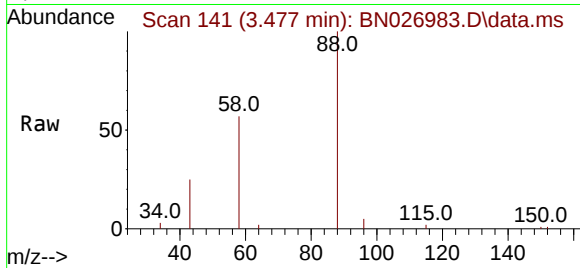




#2
1,4-Dioxane
Concen: 1.066 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.000 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

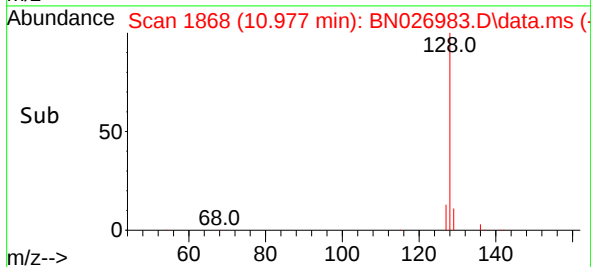
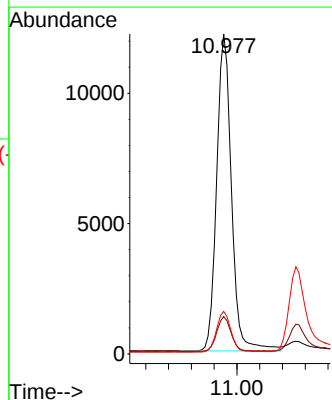
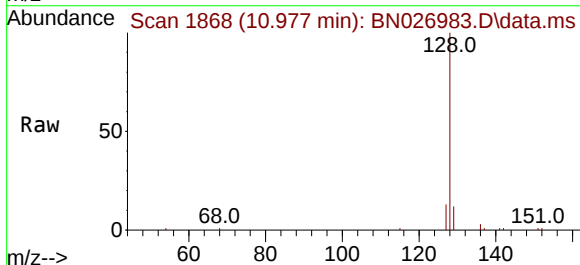
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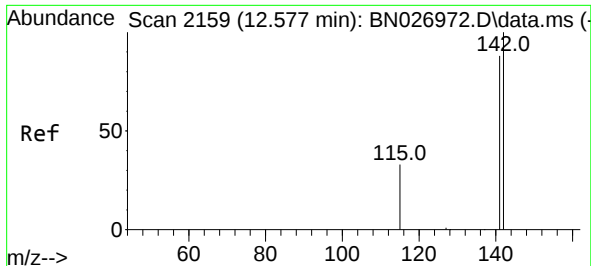
Tgt Ion: 88 Resp: 13696
Ion Ratio Lower Upper
88 100
43 25.0 28.0 42.0#
58 57.0 46.0 69.0



#5
Naphthalene
Concen: 0.229 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.005 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:128 Resp: 21894
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.3 10.5 15.7

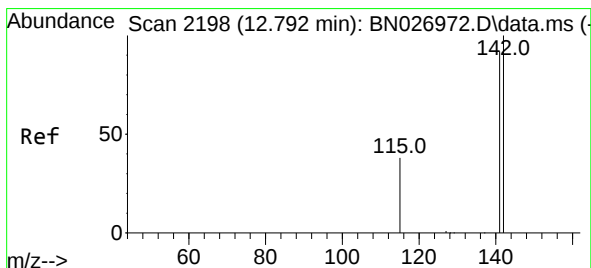
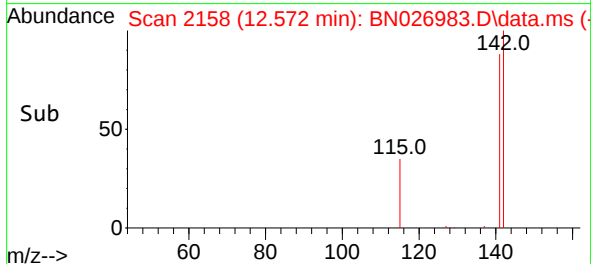
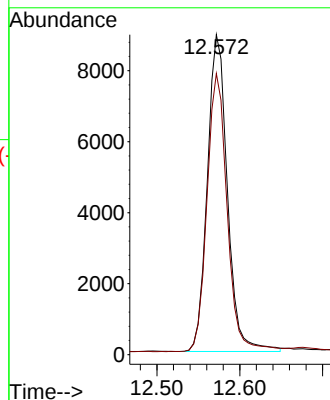
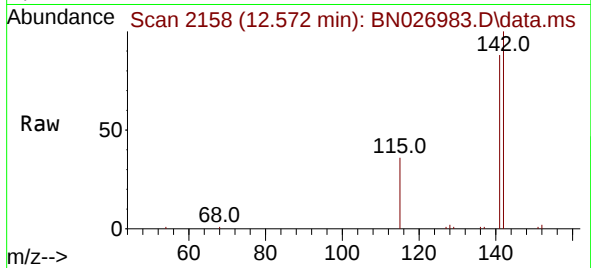




#7
2-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

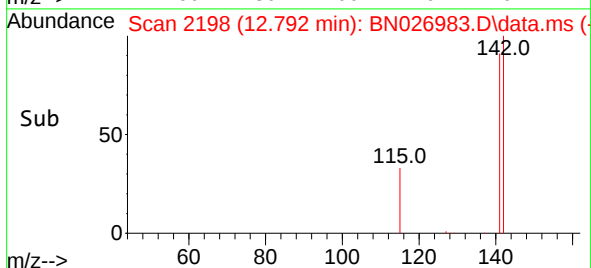
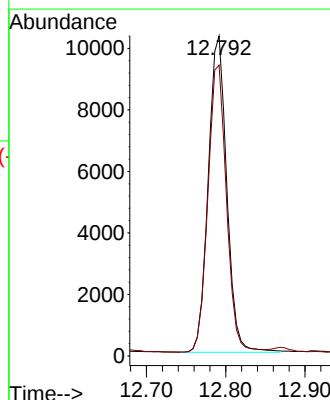
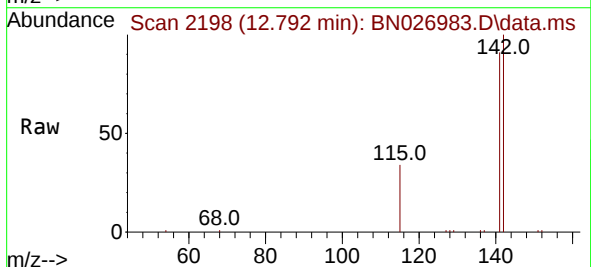
Instrument :
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ClientSampleId :
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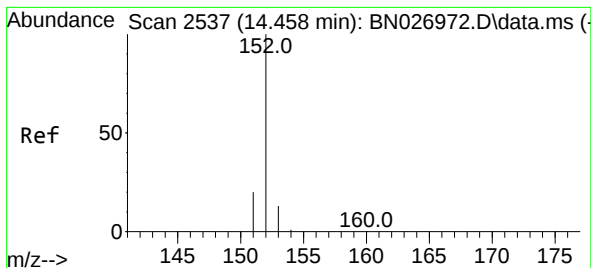
Tgt Ion:142 Resp: 15017
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:142 Resp: 16682
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#10

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.453 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN026983.D

Acq: 19 Aug 2023 06:53

Instrument :

BNA_N

ClientSampleId :

SLCS872

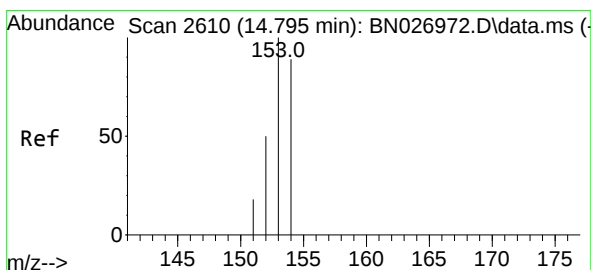
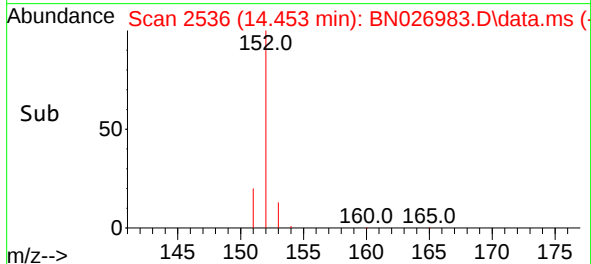
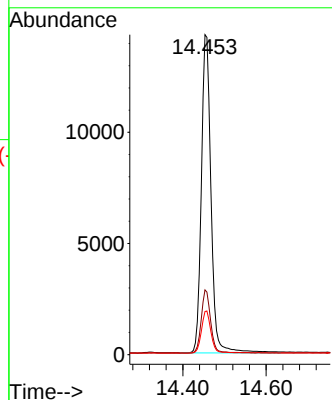
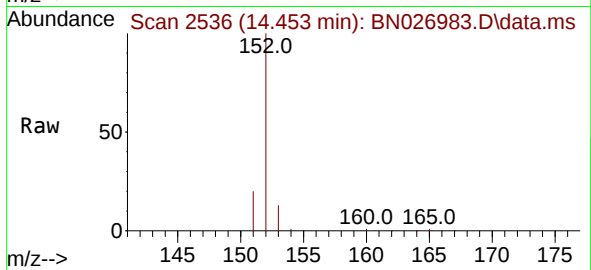
Tgt Ion:152 Resp: 23151

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.5 11.0 16.6



#11

Acenaphthene

Concen: 0.214 ng/ul

RT: 14.791 min Scan# 2609

Delta R.T. 0.000 min

Lab File: BN026983.D

Acq: 19 Aug 2023 06:53

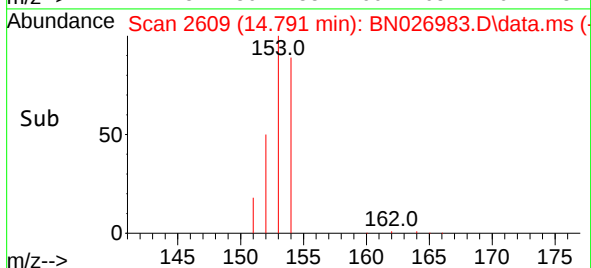
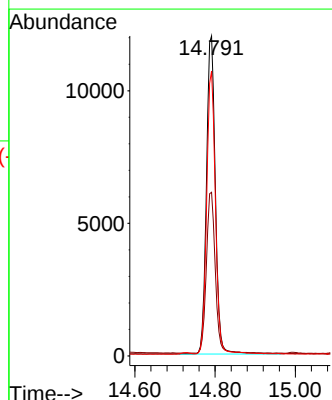
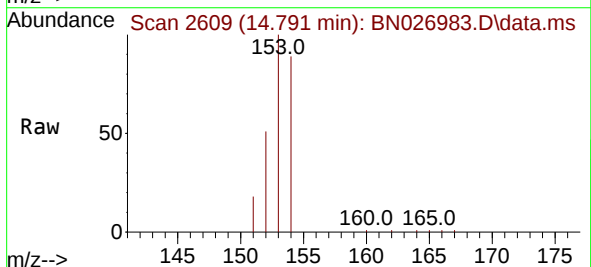
Tgt Ion:153 Resp: 18374

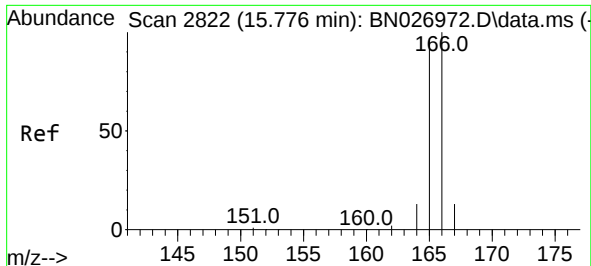
Ion Ratio Lower Upper

153 100

152 51.1 41.1 61.7

154 89.0 71.6 107.4

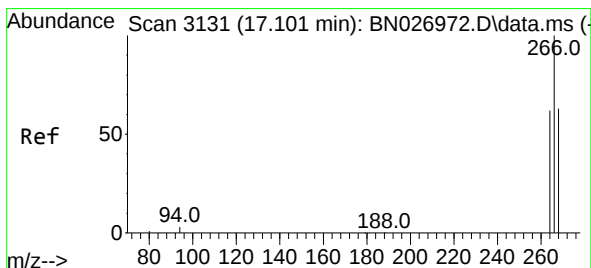
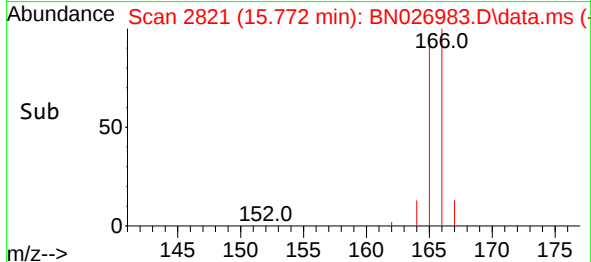
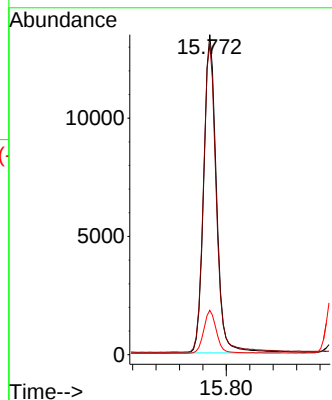
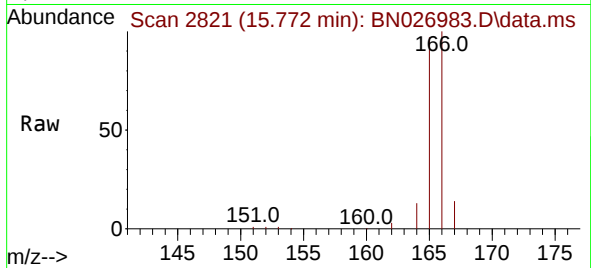




#12
Fluorene
Concen: 0.210 ng/ul
RT: 15.772 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

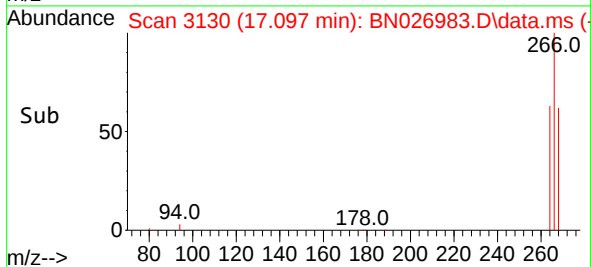
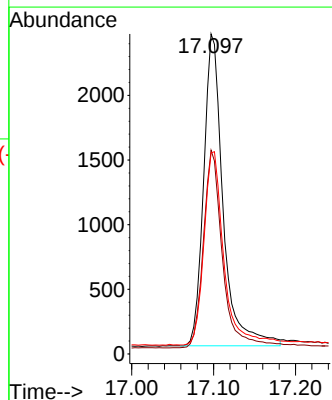
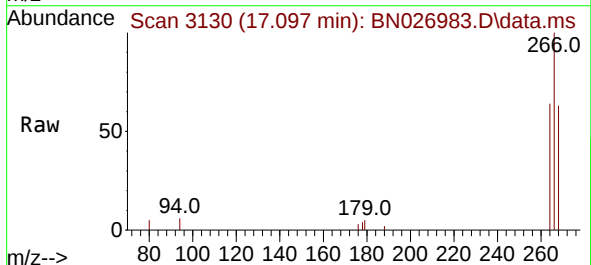
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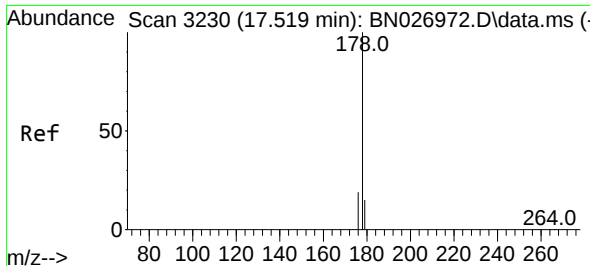
Tgt Ion:166 Resp: 20443
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.288 ng/ul
RT: 17.097 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:266 Resp: 3985
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 63.6 51.2 76.8

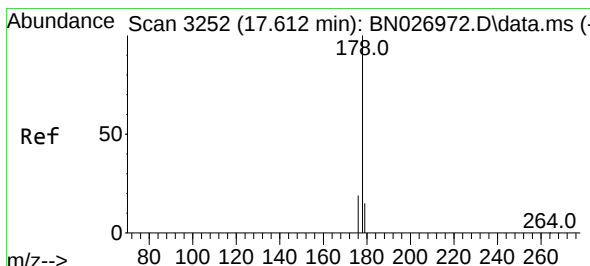
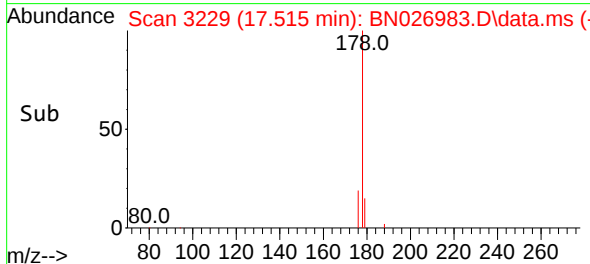
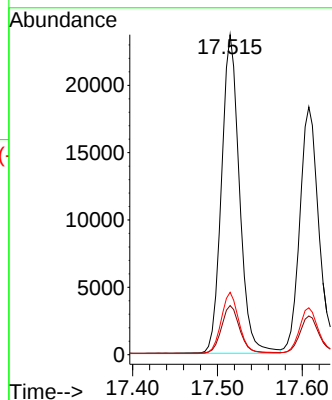
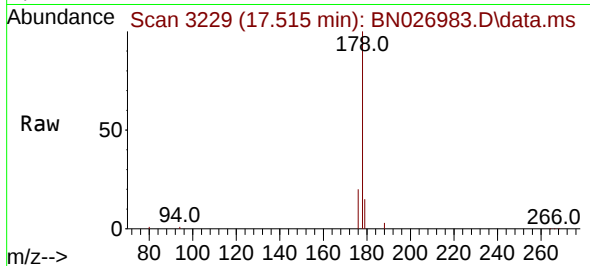




#15
Phenanthrene
Concen: 0.216 ng/u1
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

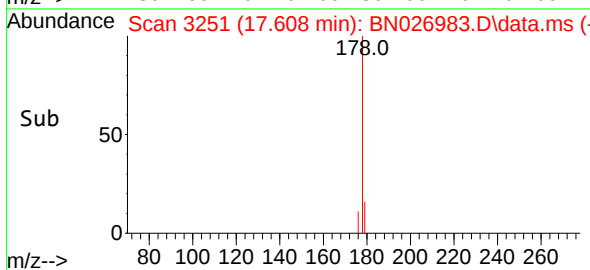
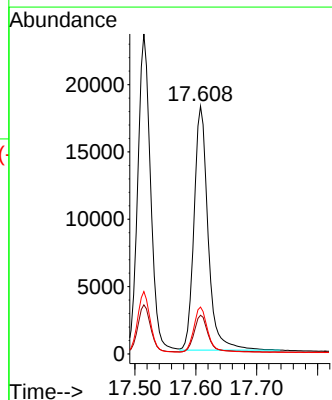
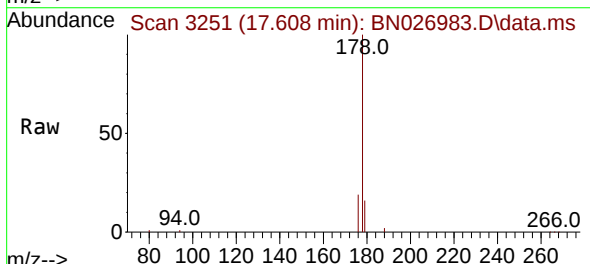
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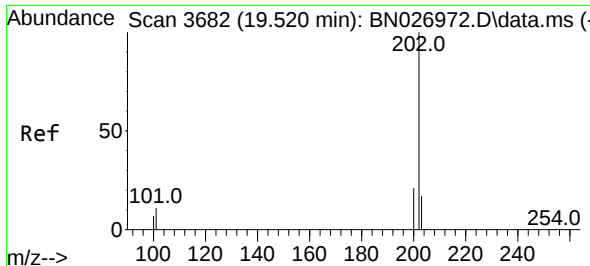
Tgt Ion:178 Resp: 34676
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.200 ng/u1
RT: 17.608 min Scan# 3251
Delta R.T. 0.000 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:178 Resp: 29056
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.9 15.0 22.6

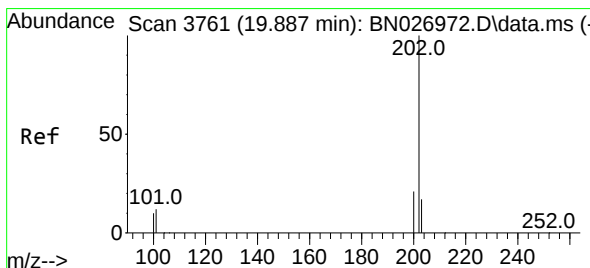
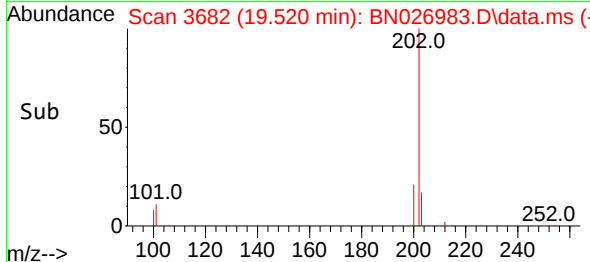
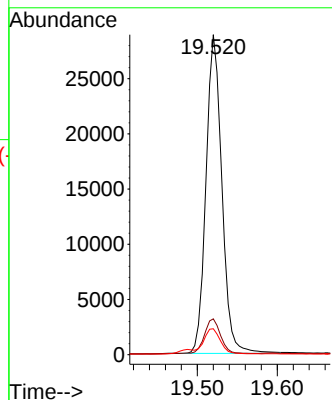
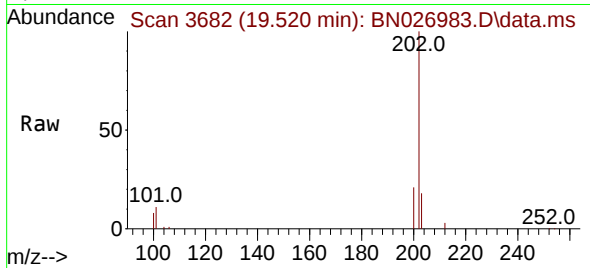




#19
Fluoranthene
Concen: 0.253 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

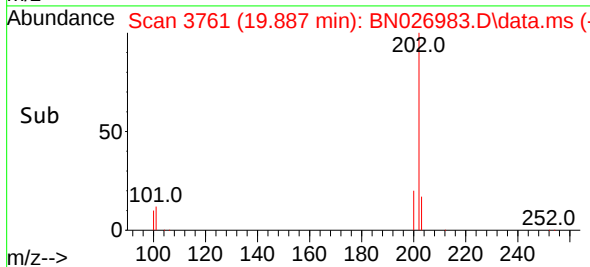
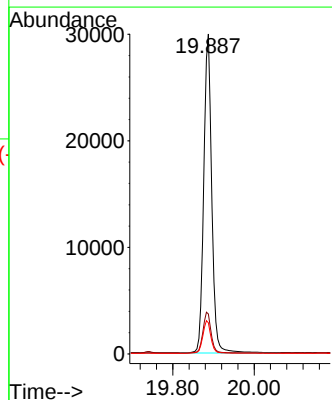
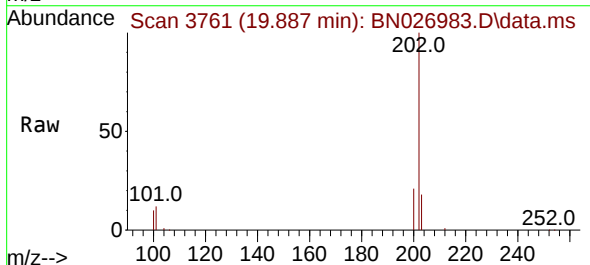
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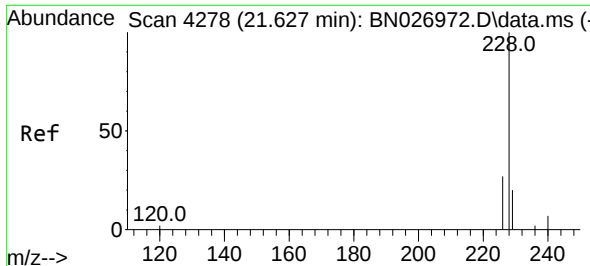
Tgt Ion:202 Resp: 39928
Ion Ratio Lower Upper
202 100
101 11.2 8.3 12.5
100 8.1 6.2 9.2



#20
Pyrene
Concen: 0.243 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. 0.000 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:202 Resp: 40913
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.7 8.5 12.7

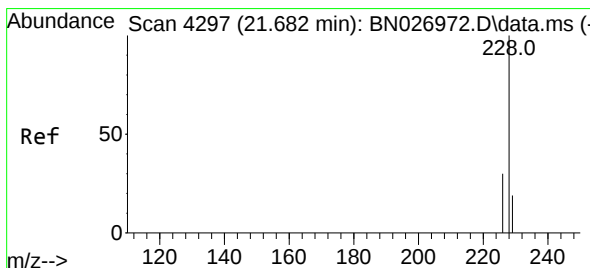
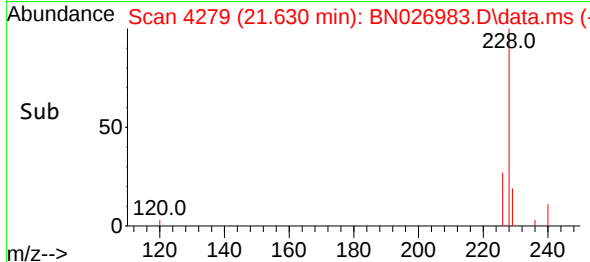
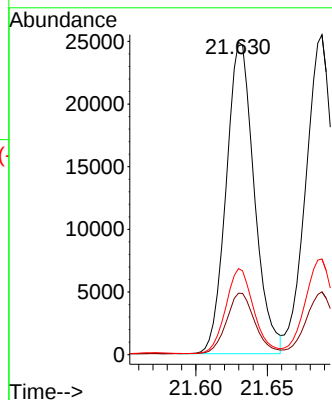
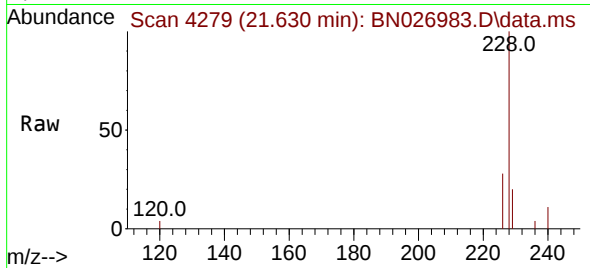




#21
Benzo(a)anthracene
Concen: 0.225 ng/ul
RT: 21.630 min Scan# 4278
Delta R.T. -0.003 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

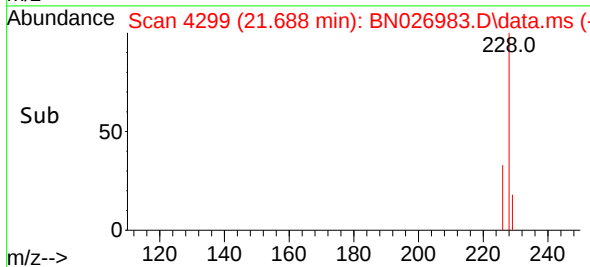
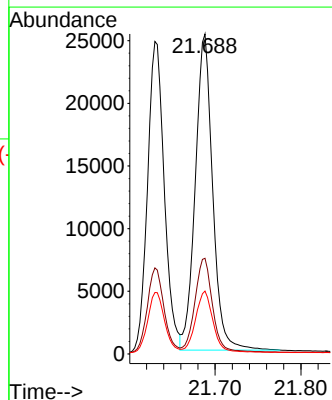
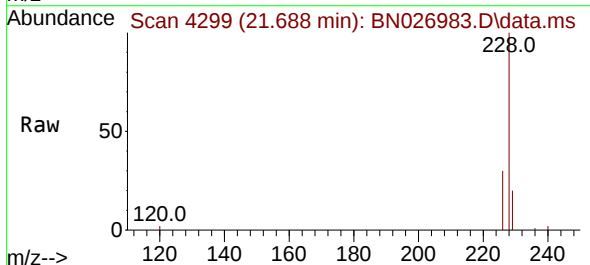
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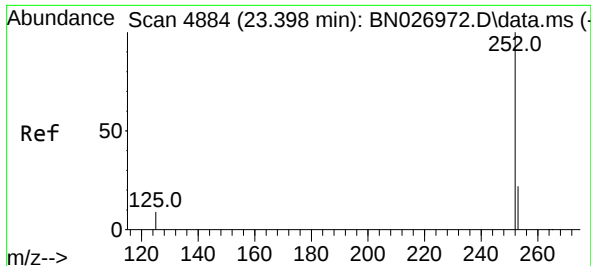
Tgt Ion:228 Resp: 33940
Ion Ratio Lower Upper
228 100
229 19.6 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.238 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.003 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:228 Resp: 35477
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 19.7 15.8 23.6

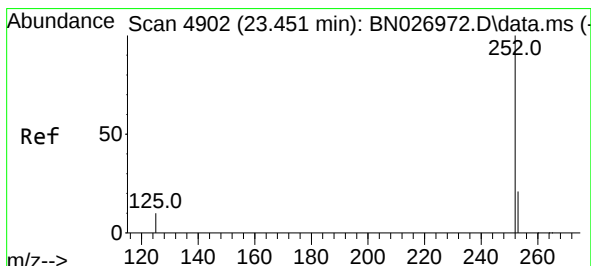
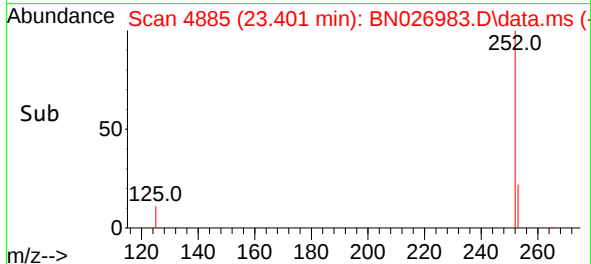
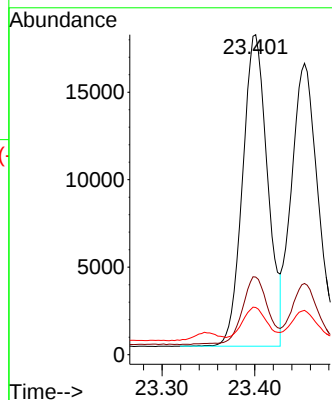
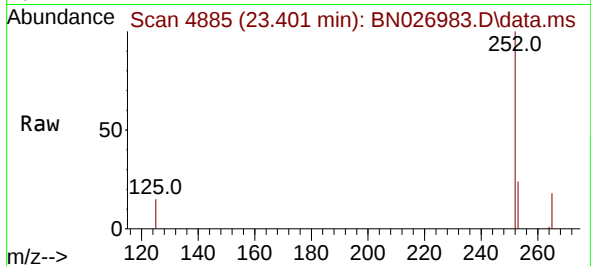




#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

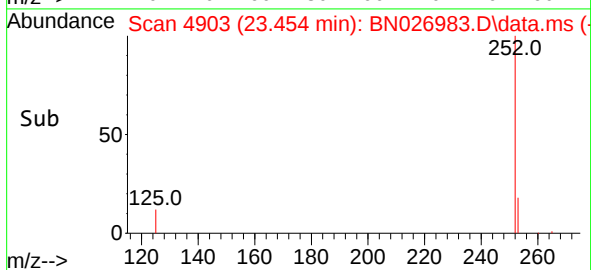
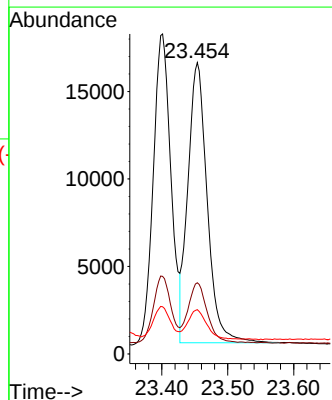
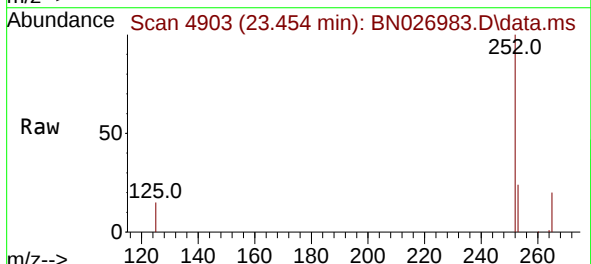
Instrument :
BNA_N
ClientSampleId :
SLCS872

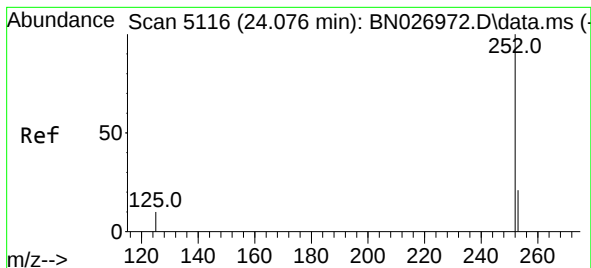
Tgt Ion:252 Resp: 33462
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.8
125 14.8 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.261 ng/ul
RT: 23.454 min Scan# 4903
Delta R.T. -0.006 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:252 Resp: 32584
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 15.2 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.233 ng/ul

RT: 24.076 min Scan# 5116

Delta R.T. -0.009 min

Lab File: BN026983.D

Acq: 19 Aug 2023 06:53

Instrument :

BNA_N

ClientSampleId :

SLCS872

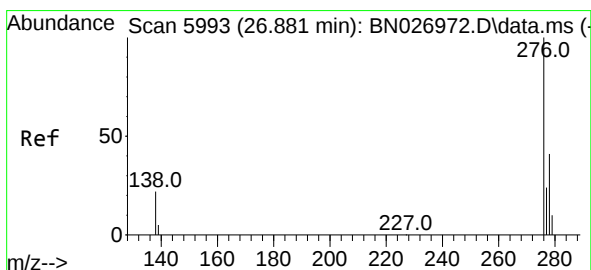
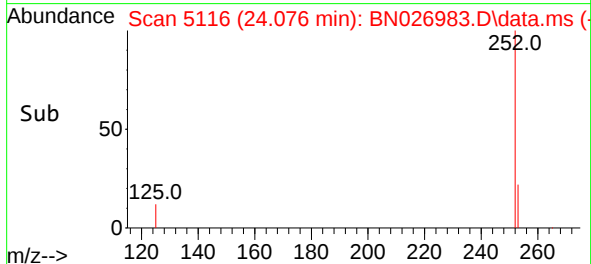
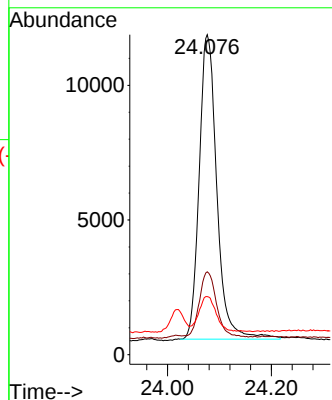
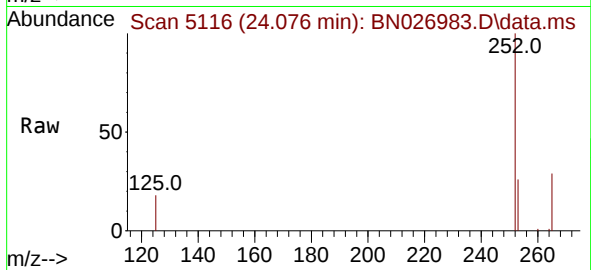
Tgt Ion:252 Resp: 26650

Ion Ratio Lower Upper

252 100

253 25.9 19.0 28.6

125 18.2 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.207 ng/ul

RT: 26.881 min Scan# 5993

Delta R.T. -0.004 min

Lab File: BN026983.D

Acq: 19 Aug 2023 06:53

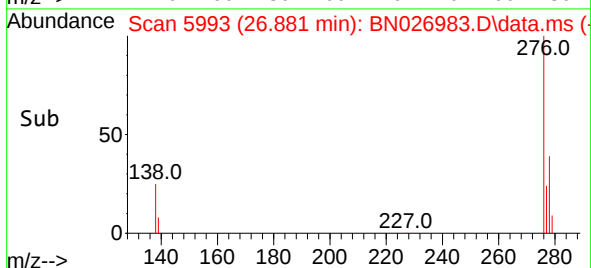
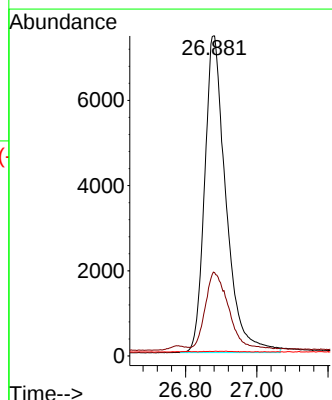
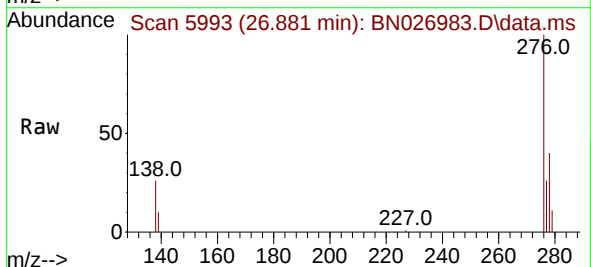
Tgt Ion:276 Resp: 30923

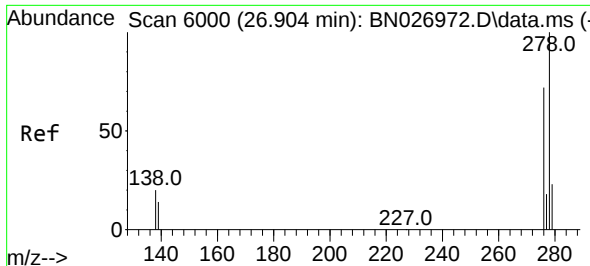
Ion Ratio Lower Upper

276 100

138 26.4 21.6 32.4

227 0.1 0.0 0.0#

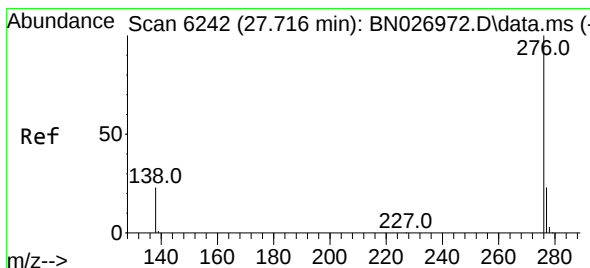
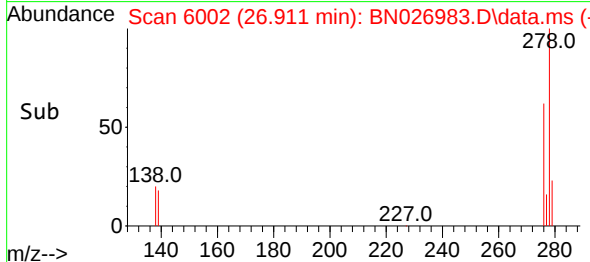
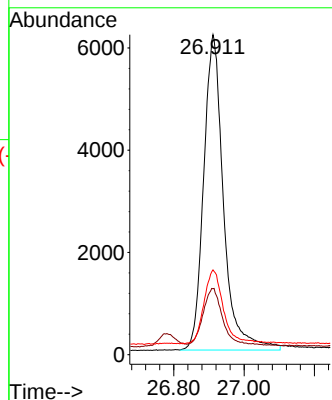
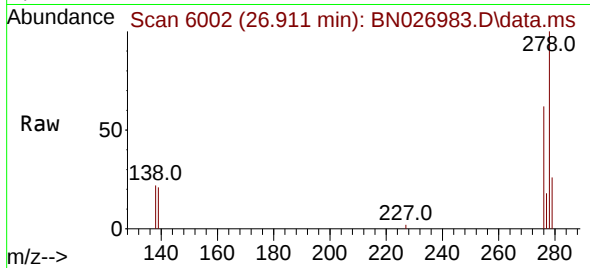




#28
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 26.911 min Scan# 6002
Delta R.T. -0.010 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Instrument :
BNA_N
ClientSampleId :
SLCS872

Tgt Ion:278 Resp: 24193
Ion Ratio Lower Upper
278 100
139 20.6 15.7 23.5
279 26.5 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 27.719 min Scan# 6243
Delta R.T. -0.004 min
Lab File: BN026983.D
Acq: 19 Aug 2023 06:53

Tgt Ion:276 Resp: 25973
Ion Ratio Lower Upper
276 100
138 25.2 19.3 28.9
277 25.5 19.8 29.8

