

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033973.D
 Acq On : 16 Sep 2024 04:27
 Operator : JU/RC
 Sample : PB163195BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS195

Quant Time: Sep 16 06:32:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

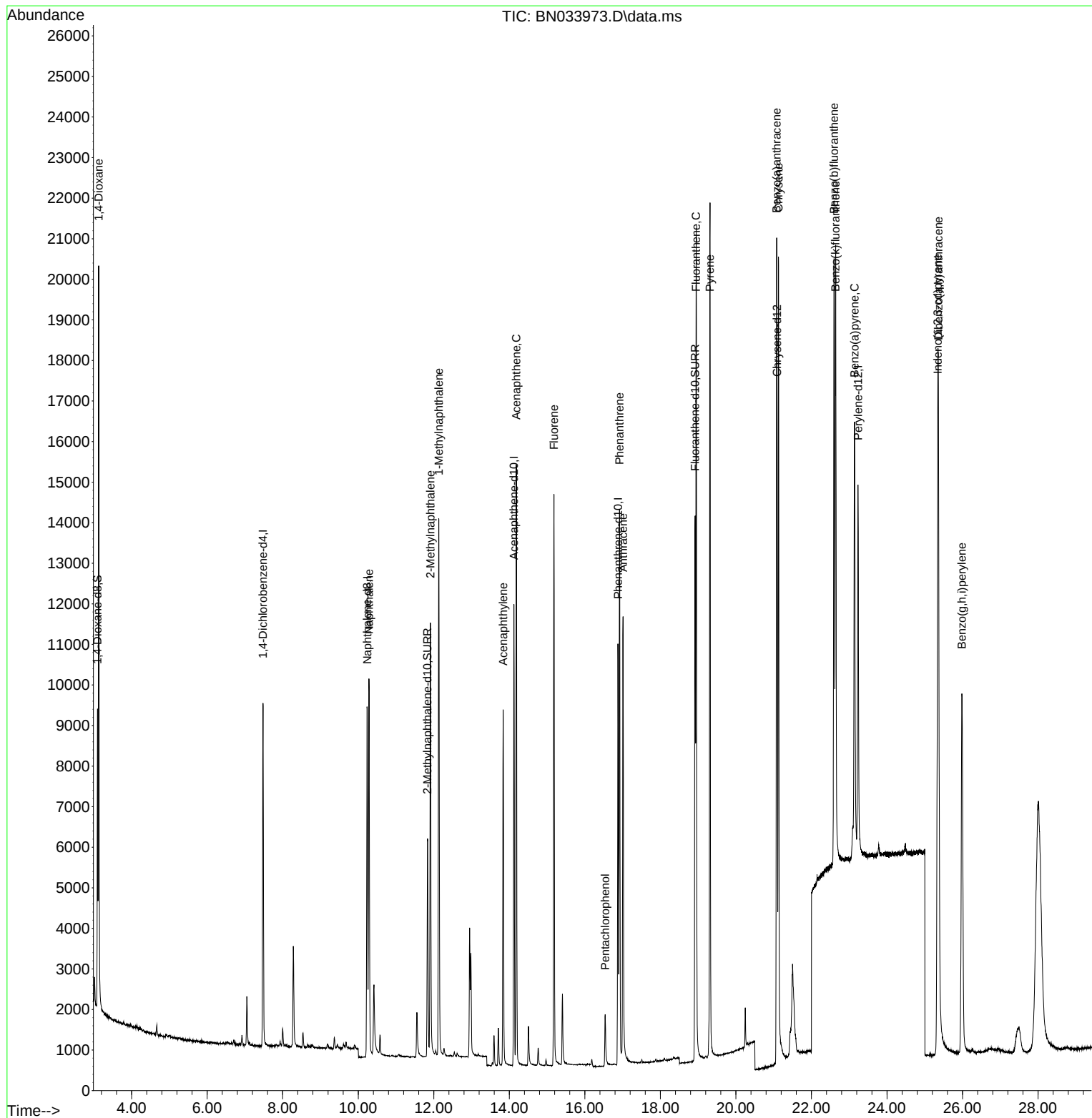
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.477	152	4280	0.400	ng/ul	0.00
4) Naphthalene-d8	10.239	136	12014	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.124	164	6061	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.877	188	12510	0.400	ng/ul	0.00
17) Chrysene-d12	21.092	240	10586	0.400	ng/ul	0.00
23) Perylene-d12	23.234	264	11648	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	4063	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.834	152	7655	0.444	ng/ul	-0.01
18) Fluoranthene-d10	18.920	212	15754	0.499	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.127	88	10402	2.131	ng/ul#	79
5) Naphthalene	10.283	128	12860	0.400	ng/ul	99
7) 2-Methylnaphthalene	11.911	142	7957	0.391	ng/ul	99
8) 1-Methylnaphthalene	12.136	142	9607	0.459	ng/ul	99
10) Acenaphthylene	13.837	152	10243	0.372	ng/ul	99
11) Acenaphthene	14.184	153	8461	0.426	ng/ul	99
12) Fluorene	15.183	166	9045	0.407	ng/ul	99
14) Pentachlorophenol	16.539	266	1165	0.296	ng/ul	99
15) Phenanthrene	16.919	178	14592	0.395	ng/ul	99
16) Anthracene	17.012	178	12695	0.383	ng/ul	100
19) Fluoranthene	18.948	202	17301	0.414	ng/ul	99
20) Pyrene	19.315	202	18237	0.411	ng/ul	99
21) Benzo(a)anthracene	21.077	228	16192	0.389	ng/ul	100
22) Chrysene	21.127	228	18643	0.443	ng/ul	100
24) Benzo(b)fluoranthene	22.599	252	18129	0.401	ng/ul	98
25) Benzo(k)fluoranthene	22.640	252	19675	0.435	ng/ul	98
26) Benzo(a)pyrene	23.140	252	16708	0.460	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.344	276	22436	0.411	ng/ul	99
28) Dibenzo(a,h)anthracene	25.361	278	17366	0.410	ng/ul	97
29) Benzo(g,h,i)perylene	25.985	276	18064	0.424	ng/ul	98

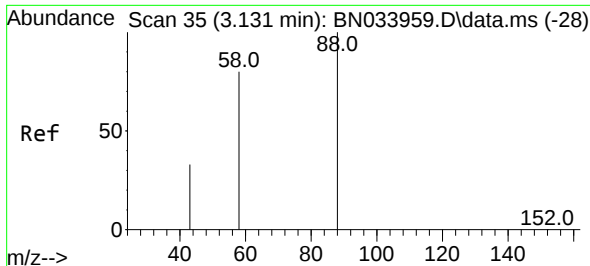
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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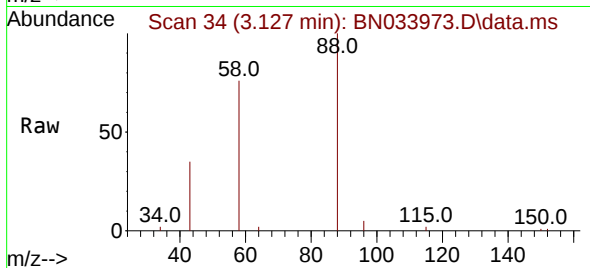
Quant Time: Sep 16 06:32:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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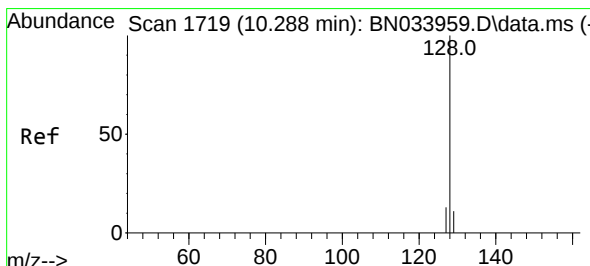
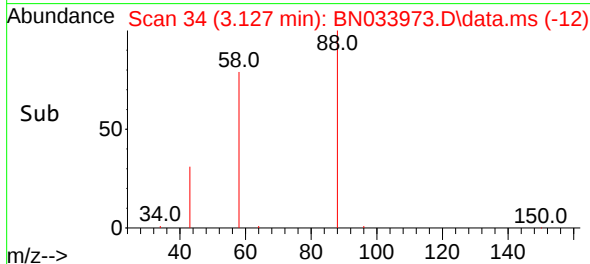
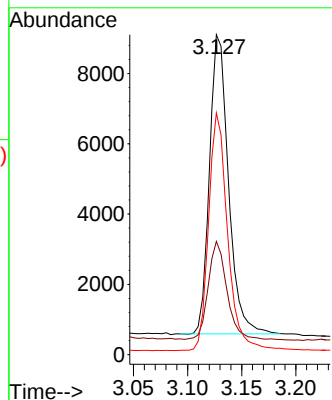


#2
 1,4-Dioxane
 Concen: 2.131 ng/ul
 RT: 3.127 min Scan# 34
 Delta R.T. -0.009 min
 Lab File: BN033973.D
 Acq: 16 Sep 2024 04:27

Instrument :
 BNA_N
 ClientSampleId :
 SLCS195

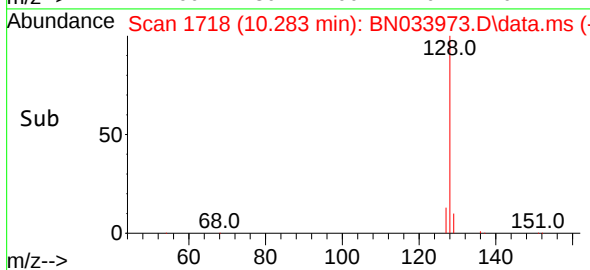
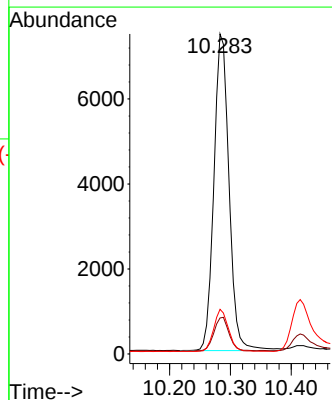
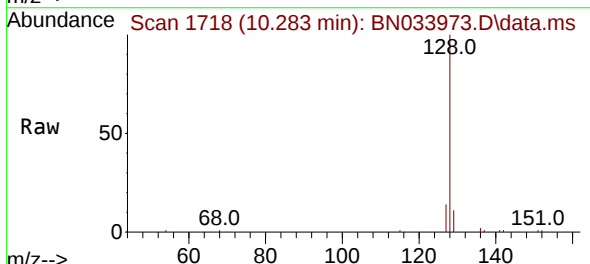


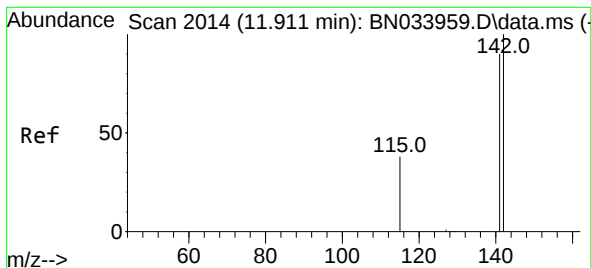
Tgt Ion: 88 Resp: 10402
 Ion Ratio Lower Upper
 88 100
 43 35.4 47.0 70.4#
 58 75.6 53.0 79.4



#5
 Naphthalene
 Concen: 0.400 ng/ul
 RT: 10.283 min Scan# 1718
 Delta R.T. -0.011 min
 Lab File: BN033973.D
 Acq: 16 Sep 2024 04:27

Tgt Ion: 128 Resp: 12860
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.3 13.9
 127 13.9 10.8 16.2

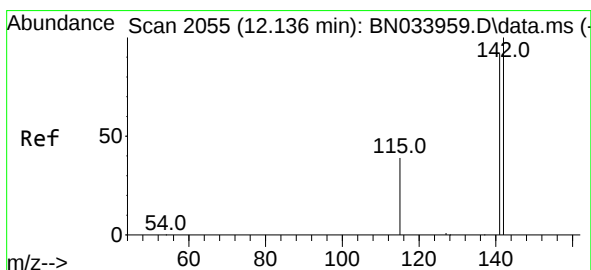
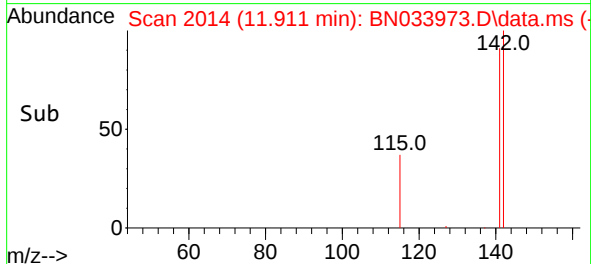
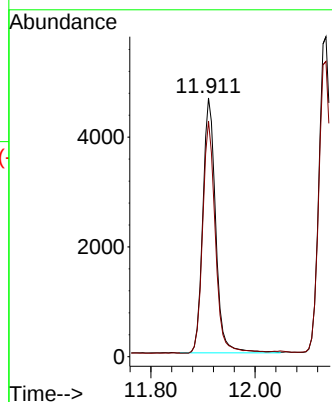
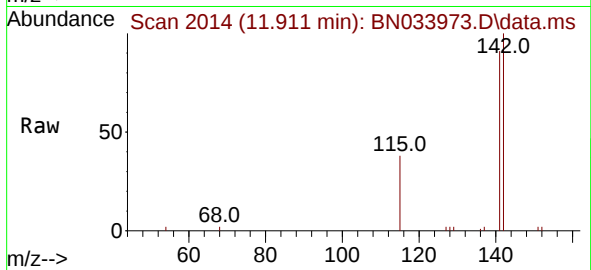




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 11.911 min Scan# 2014
Delta R.T. -0.011 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

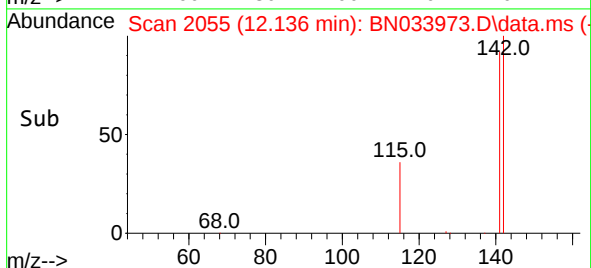
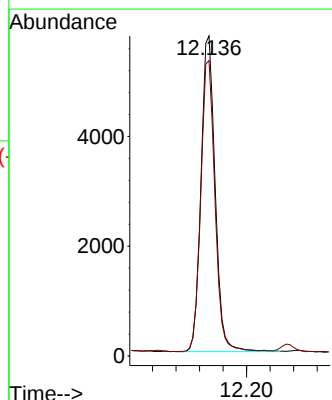
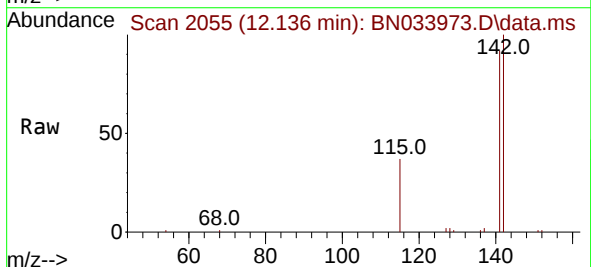
Instrument :
BNA_N
ClientSampleId :
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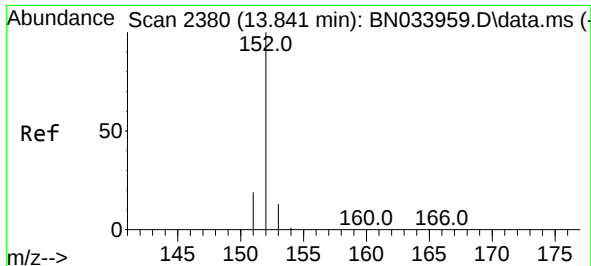
Tgt Ion:142 Resp: 7957
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Tgt Ion:142 Resp: 9607
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4

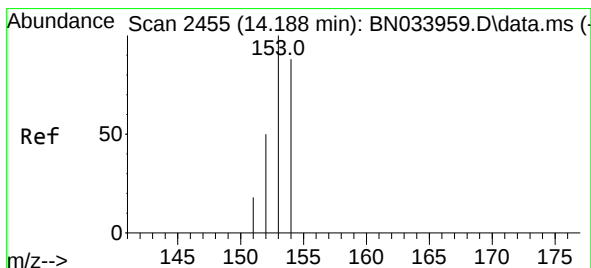
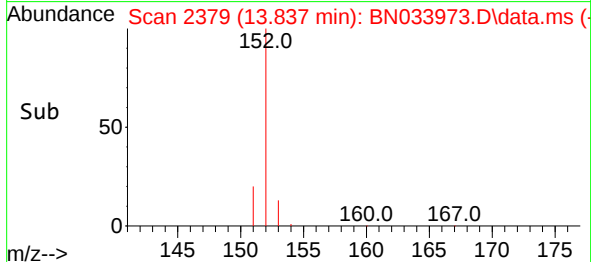
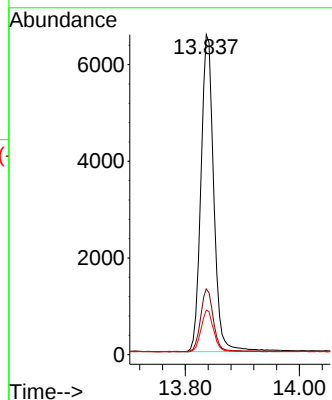
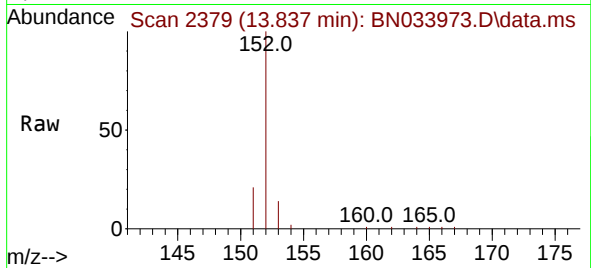




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 13.837 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

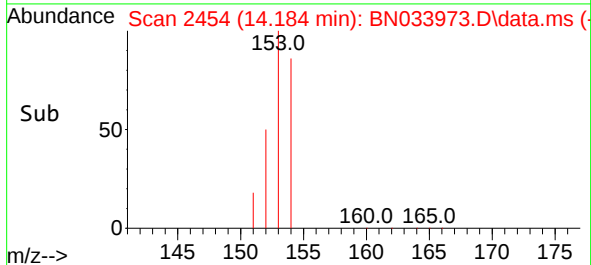
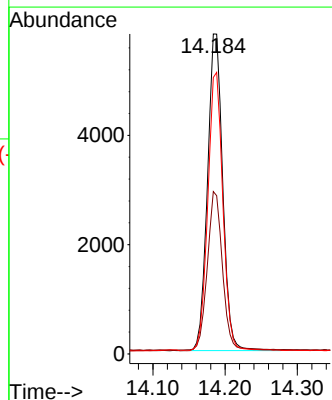
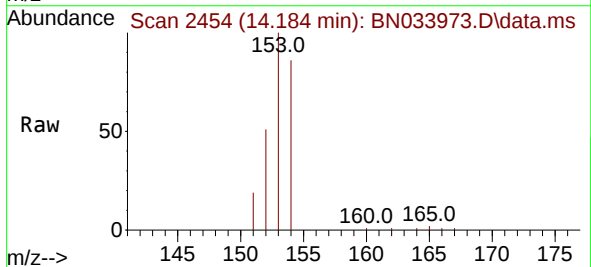
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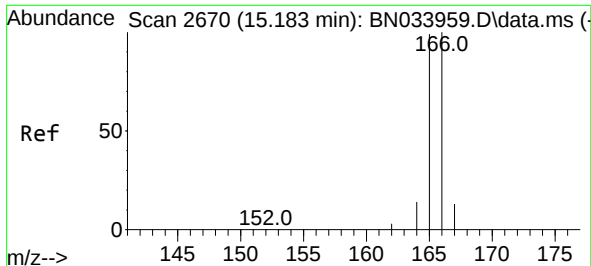
Tgt Ion:152 Resp: 10243
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.426 ng/ul
RT: 14.184 min Scan# 2454
Delta R.T. -0.009 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Tgt Ion:153 Resp: 8461
Ion Ratio Lower Upper
153 100
152 50.7 39.8 59.8
154 86.4 69.0 103.6

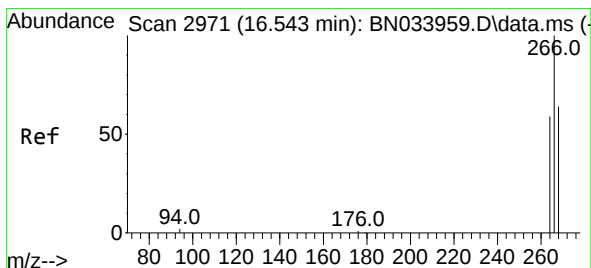
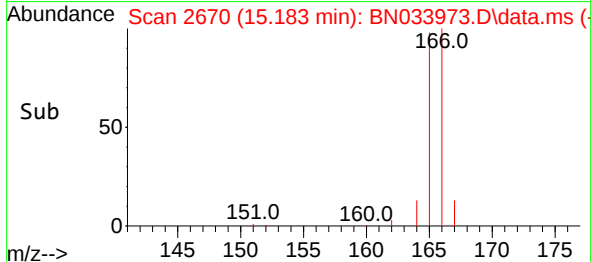
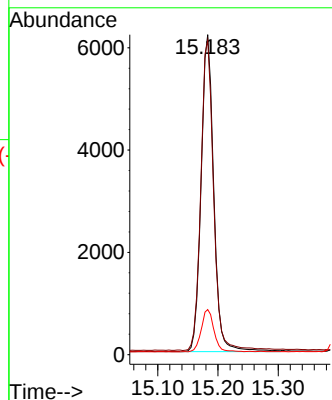
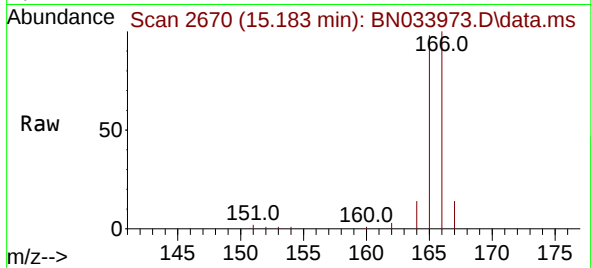




#12
 Fluorene
 Concen: 0.407 ng/ul
 RT: 15.183 min Scan# 2670
 Delta R.T. -0.005 min
 Lab File: BN033973.D
 Acq: 16 Sep 2024 04:27

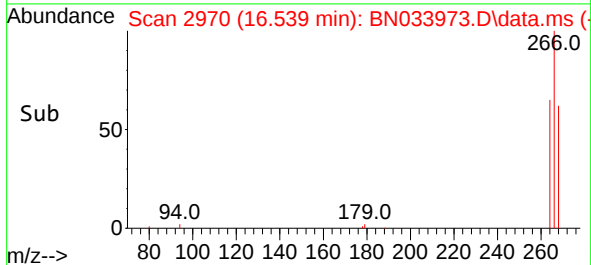
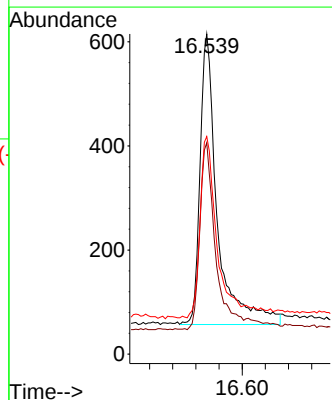
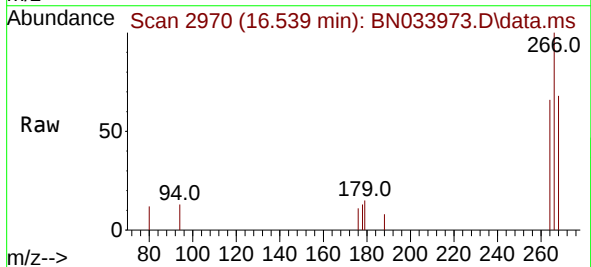
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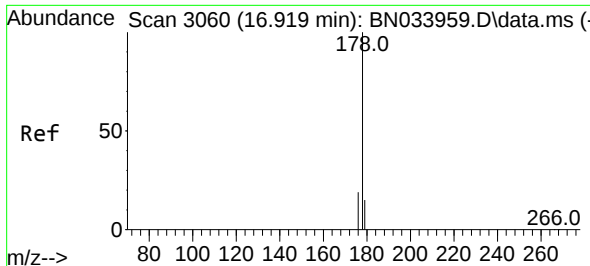
Tgt Ion:166 Resp: 9045
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 14.1 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.296 ng/ul
 RT: 16.539 min Scan# 2970
 Delta R.T. -0.004 min
 Lab File: BN033973.D
 Acq: 16 Sep 2024 04:27

Tgt Ion:266 Resp: 1165
 Ion Ratio Lower Upper
 266 100
 264 61.0 50.3 75.5
 268 64.4 51.7 77.5

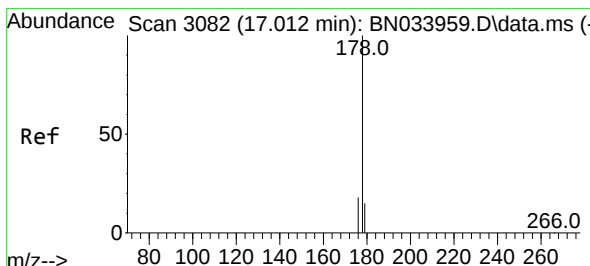
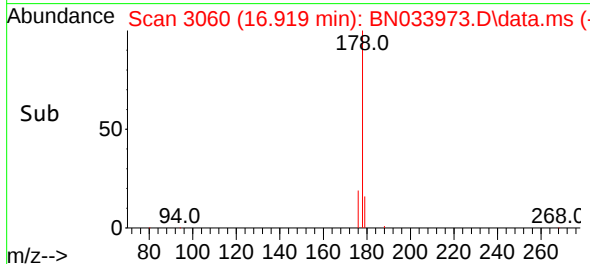
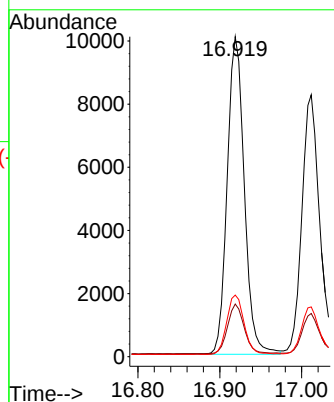
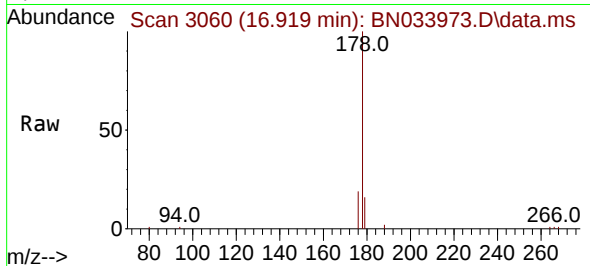




#15
Phenanthrene
Concen: 0.395 ng/u1
RT: 16.919 min Scan# 3060
Delta R.T. -0.009 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

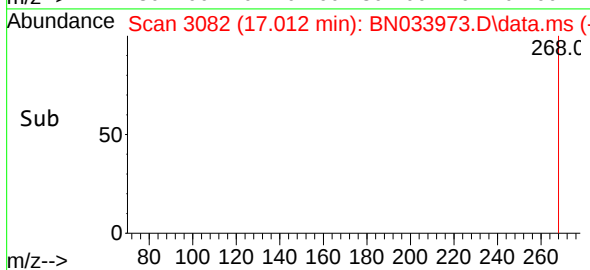
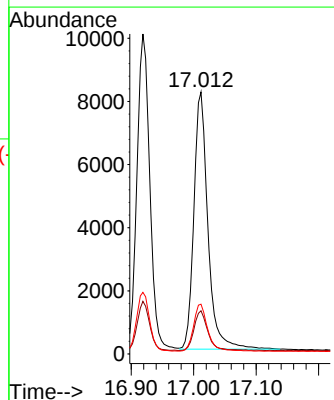
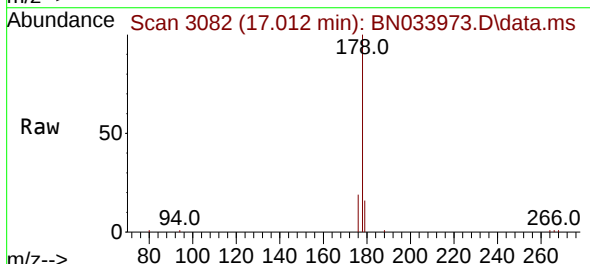
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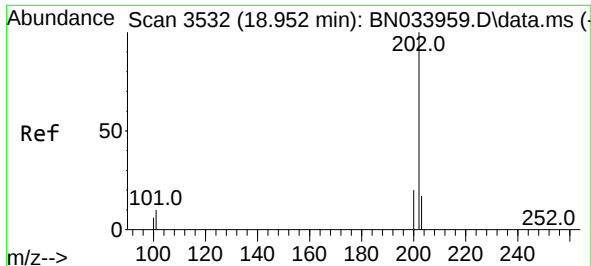
Tgt Ion:178 Resp: 14592
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.3 15.7 23.5



#16
Anthracene
Concen: 0.383 ng/u1
RT: 17.012 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Tgt Ion:178 Resp: 12695
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.0 15.2 22.8

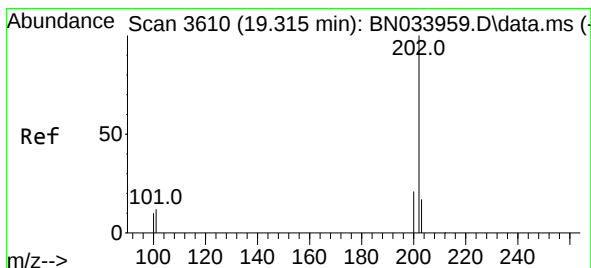
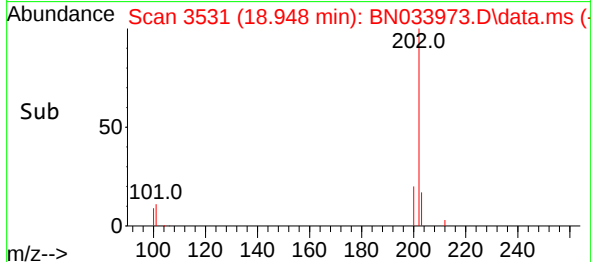
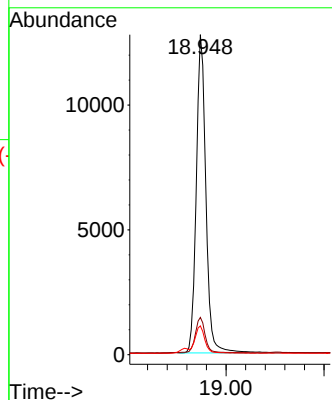
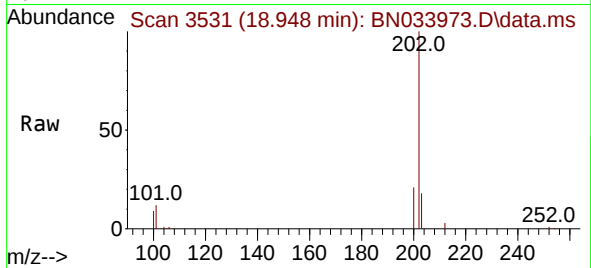




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 18.948 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

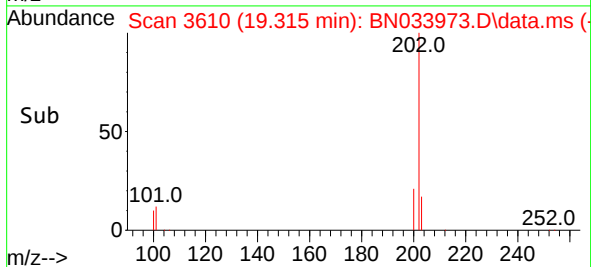
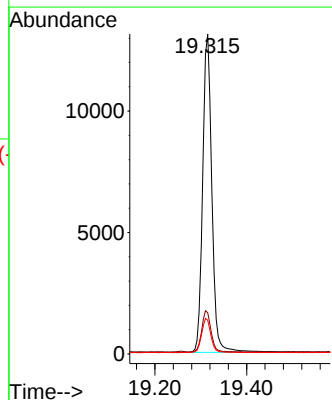
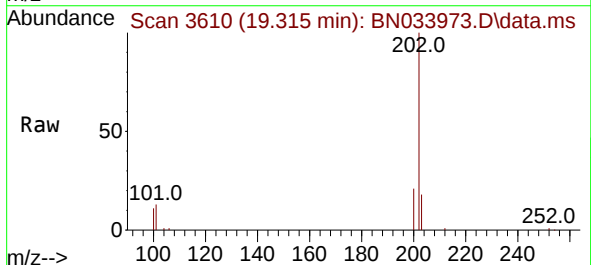
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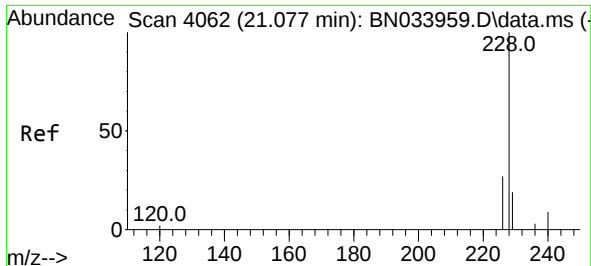
Tgt Ion:202 Resp: 17301
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 9.0 6.7 10.1



#20
Pyrene
Concen: 0.411 ng/ul
RT: 19.315 min Scan# 3610
Delta R.T. -0.005 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Tgt Ion:202 Resp: 18237
Ion Ratio Lower Upper
202 100
101 12.9 10.8 16.2
100 10.5 8.7 13.1

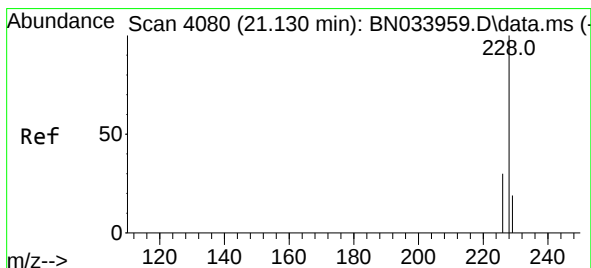
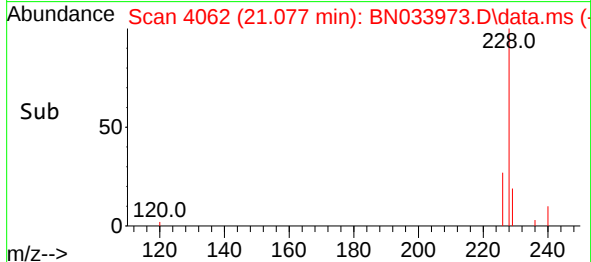
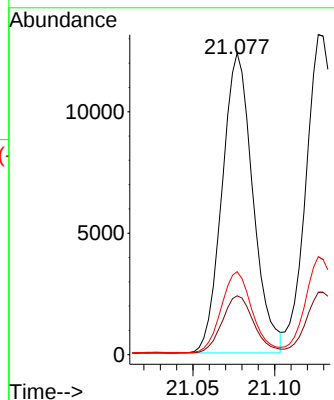
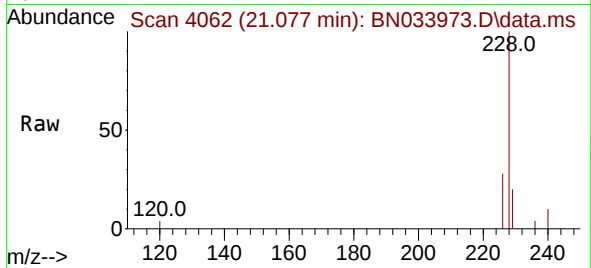




#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.077 min Scan# 4062
Delta R.T. -0.009 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

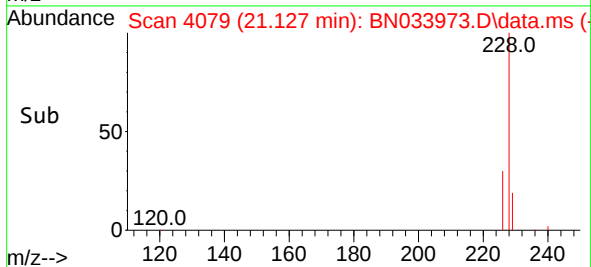
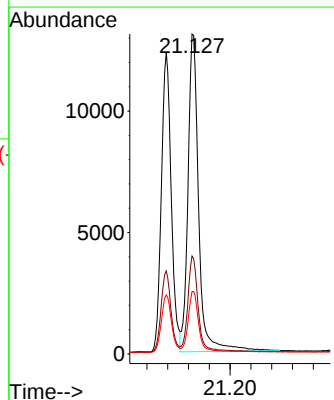
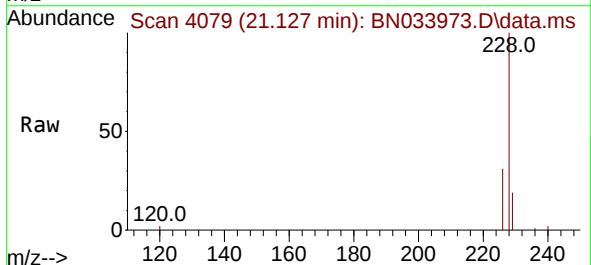
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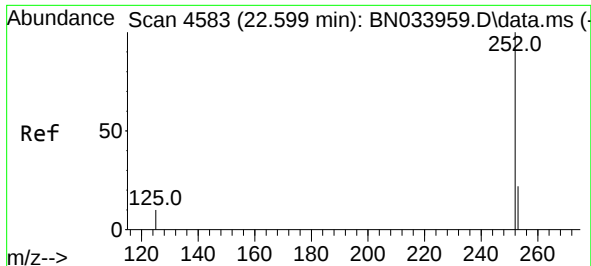
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Ion Ratio Lower Upper
228 100
229 19.5 15.4 23.2
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.127 min Scan# 4079
Delta R.T. -0.012 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

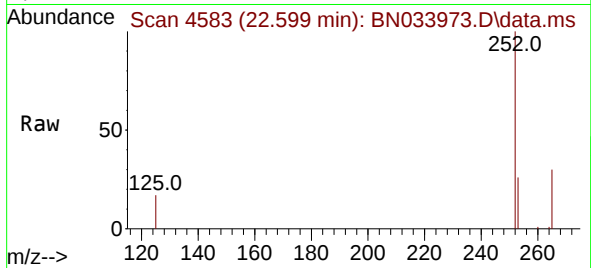
Tgt Ion:228 Resp: 18643
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.5 15.6 23.4



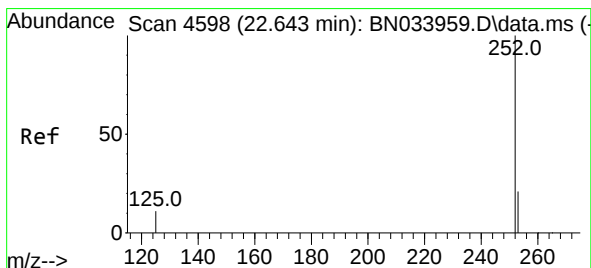
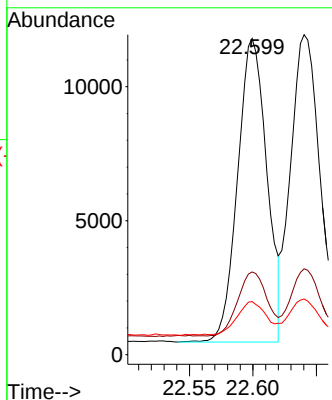


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.599 min Scan# 4583
Delta R.T. -0.009 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Instrument :
BNA_N
ClientSampleId :
SLCS195

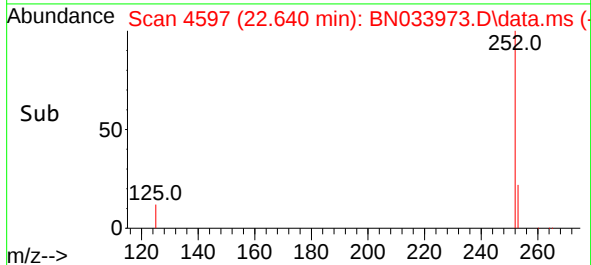
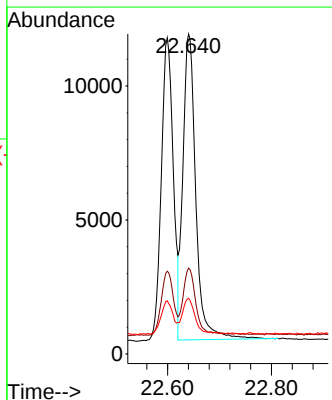
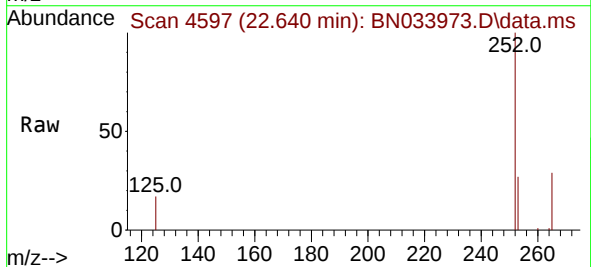


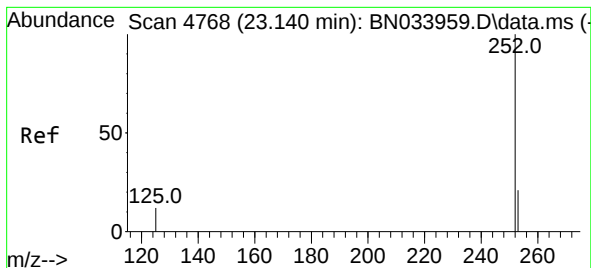
Tgt Ion:252 Resp: 18129
Ion Ratio Lower Upper
252 100
253 26.2 0.0 52.8
125 16.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 22.640 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Tgt Ion:252 Resp: 19675
Ion Ratio Lower Upper
252 100
253 26.9 21.4 32.0
125 17.4 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.460 ng/ul

RT: 23.140 min Scan# 4768

Delta R.T. -0.012 min

Lab File: BN033973.D

Acq: 16 Sep 2024 04:27

Instrument :

BNA_N

ClientSampleId :

SLCS195

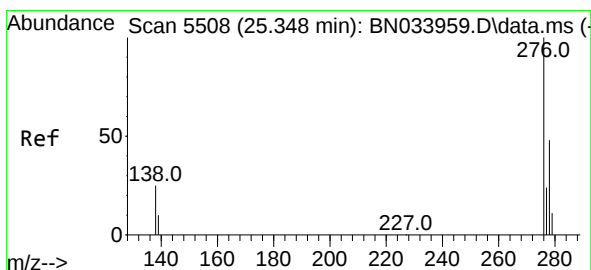
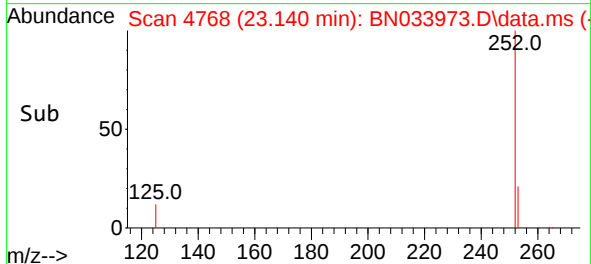
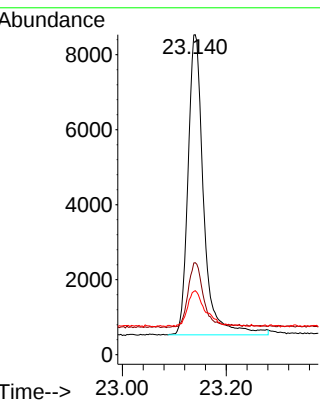
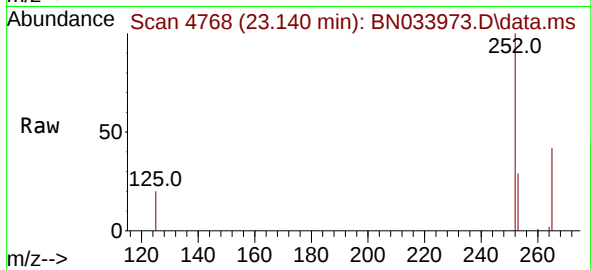
Tgt Ion:252 Resp: 16708

Ion Ratio Lower Upper

252 100

253 28.8 22.8 34.2

125 20.0 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

RT: 25.344 min Scan# 5507

Delta R.T. -0.017 min

Lab File: BN033973.D

Acq: 16 Sep 2024 04:27

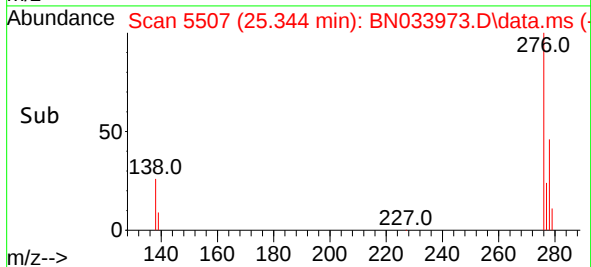
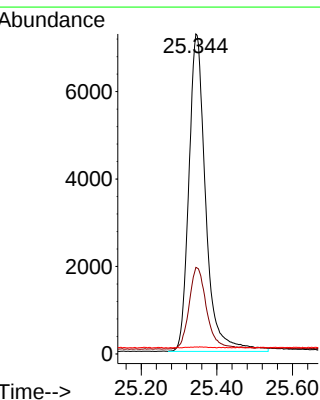
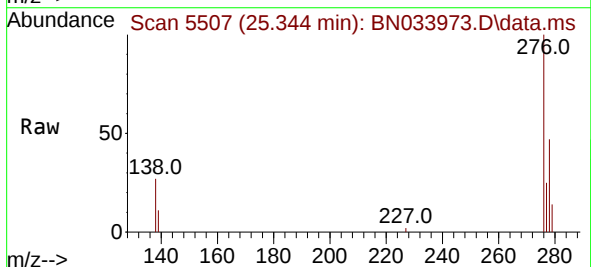
Tgt Ion:276 Resp: 22436

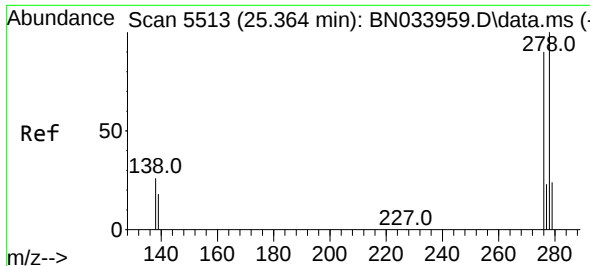
Ion Ratio Lower Upper

276 100

138 27.2 22.3 33.5

227 0.2 0.2 0.4

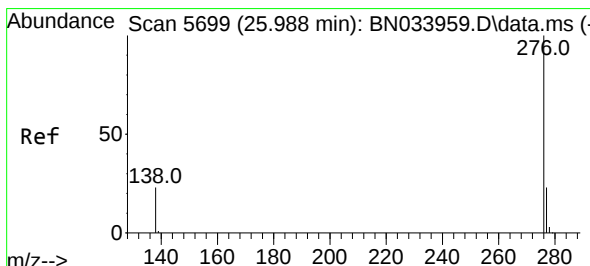
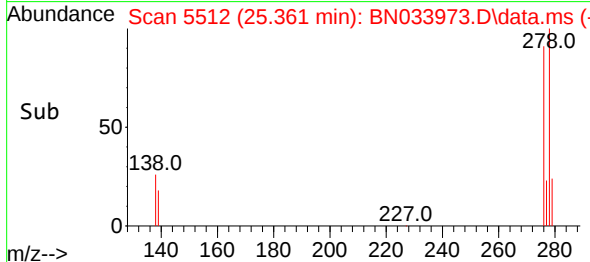
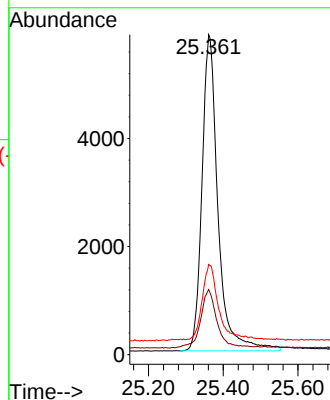
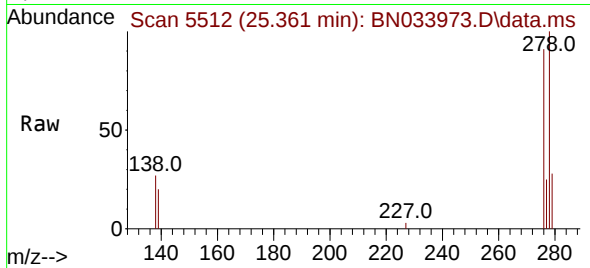




#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 25.361 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Instrument :
BNA_N
ClientSampleId :
SLCS195

Tgt Ion:278 Resp: 17366
Ion Ratio Lower Upper
278 100
139 20.3 17.3 25.9
279 28.2 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 25.985 min Scan# 5698
Delta R.T. -0.017 min
Lab File: BN033973.D
Acq: 16 Sep 2024 04:27

Tgt Ion:276 Resp: 18064
Ion Ratio Lower Upper
276 100
138 24.7 20.8 31.2
277 25.6 20.2 30.4

