

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026006.D
 Acq On : 24 Jun 2023 14:59
 Operator : MA/JU
 Sample : PB153447BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS447

Quant Time: Jun 24 23:49:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

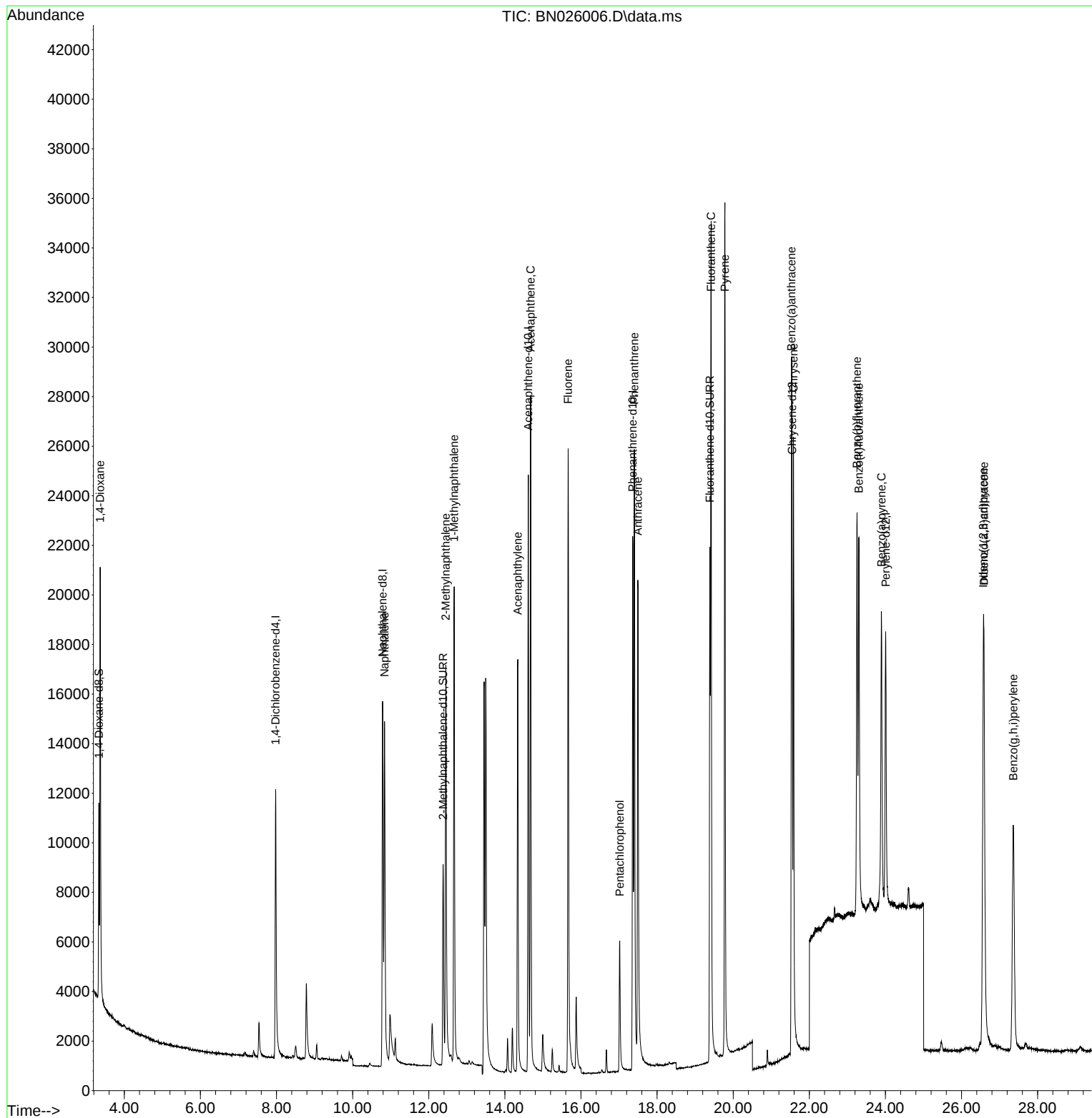
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7492	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	24372	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	14554	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	29700	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	17180	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	17077	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	5219	0.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	12846	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	25904	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	12334	1.377	ng/ul#	86
5) Naphthalene	10.836	128	22230	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	13691	0.308	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	14553	0.316	ng/ul	99
10) Acenaphthylene	14.339	152	22778	0.334	ng/ul	100
11) Acenaphthene	14.677	153	17694	0.317	ng/ul	98
12) Fluorene	15.662	166	19583	0.306	ng/ul	99
14) Pentachlorophenol	17.018	266	4343	0.408	ng/ul	99
15) Phenanthrene	17.402	178	30217	0.308	ng/ul	99
16) Anthracene	17.495	178	27205	0.312	ng/ul	99
19) Fluoranthene	19.419	202	32647	0.356	ng/ul	97
20) Pyrene	19.782	202	33058	0.346	ng/ul	98
21) Benzo(a)anthracene	21.532	228	23265	0.328	ng/ul	99
22) Chrysene	21.584	228	23966	0.325	ng/ul	99
24) Benzo(b)fluoranthene	23.253	252	23181	0.318	ng/ul	98
25) Benzo(k)fluoranthene	23.300	252	23088	0.315	ng/ul	99
26) Benzo(a)pyrene	23.894	252	20529	0.324	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.574	276	26995	0.390	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.588	278	20691	0.395	ng/ul	96
29) Benzo(g,h,i)perylene	27.359	276	23111	0.376	ng/ul	98

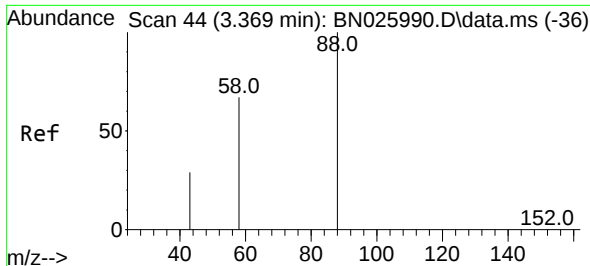
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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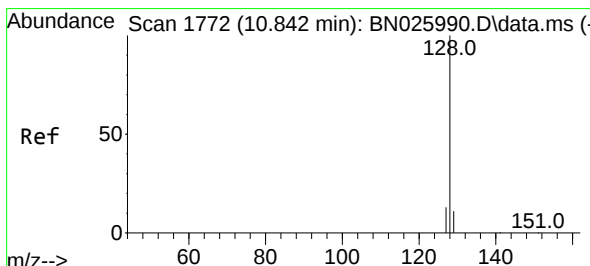
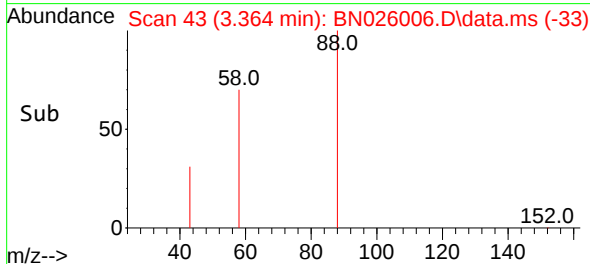
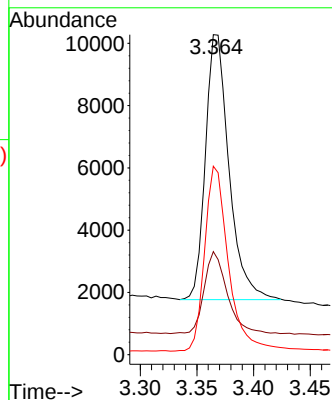
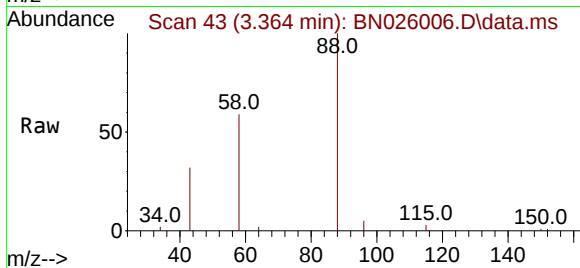




#2
1,4-Dioxane
Concen: 1.377 ng/ul
RT: 3.364 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

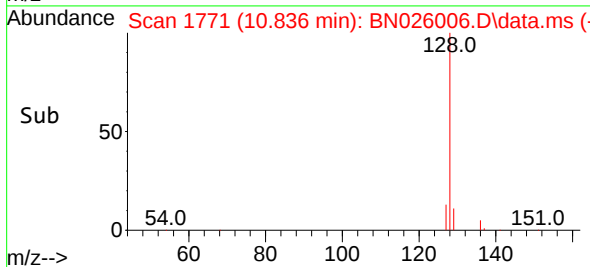
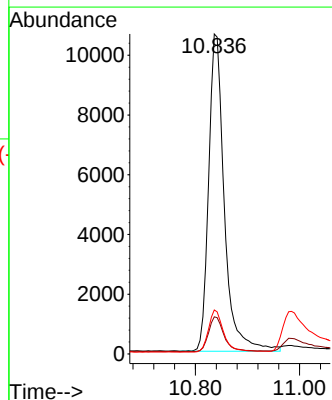
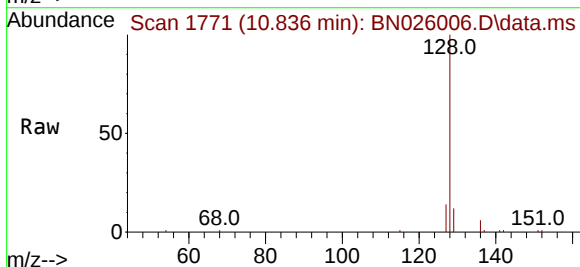
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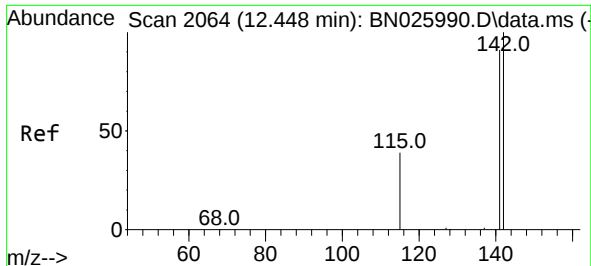
Tgt Ion: 88 Resp: 12334
Ion Ratio Lower Upper
88 100
43 32.2 29.5 44.3
58 58.9 37.4 56.2#



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:128 Resp: 22230
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 10.7 16.1

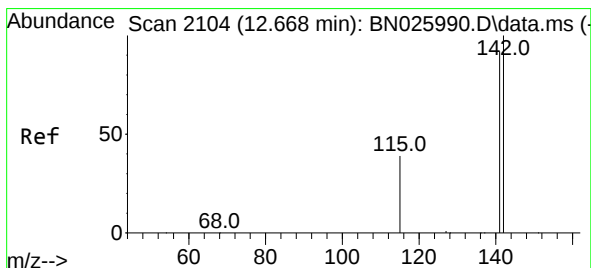
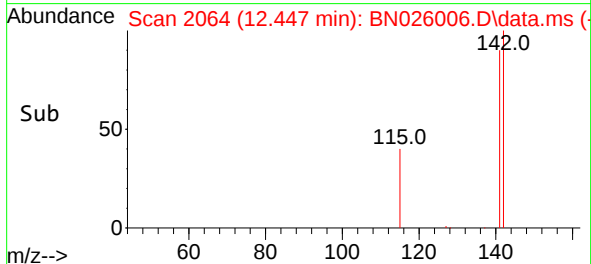
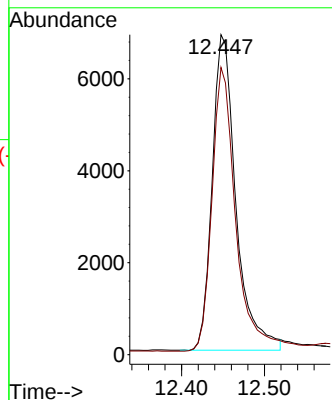
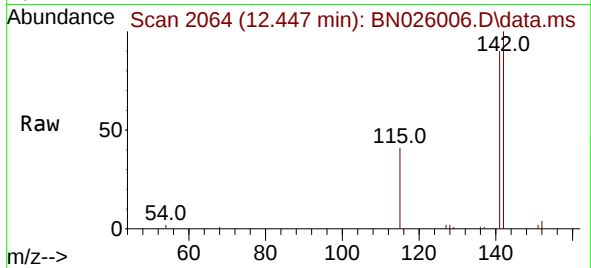




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

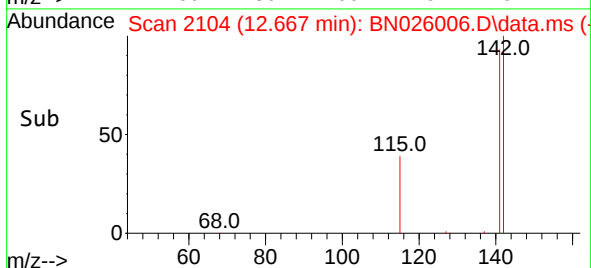
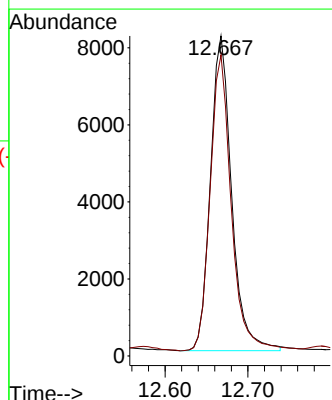
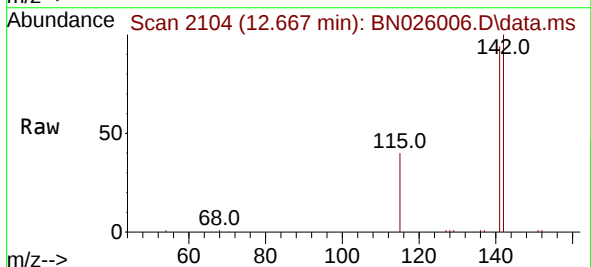
Instrument :
BNA_N
ClientSampleId :
SLCS447

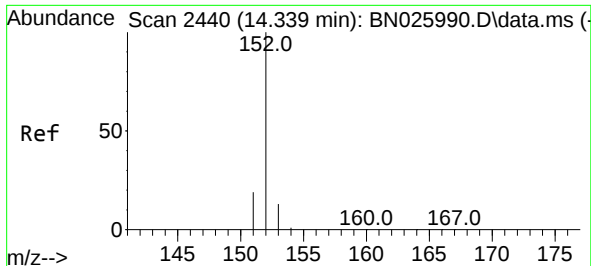
Tgt Ion:142 Resp: 13691
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:142 Resp: 14553
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4

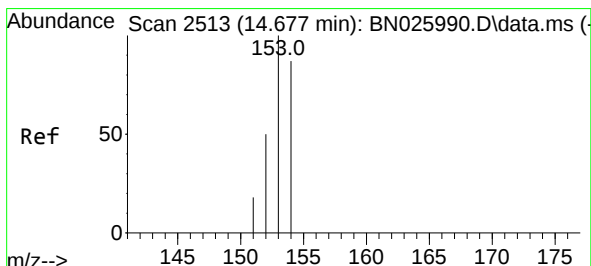
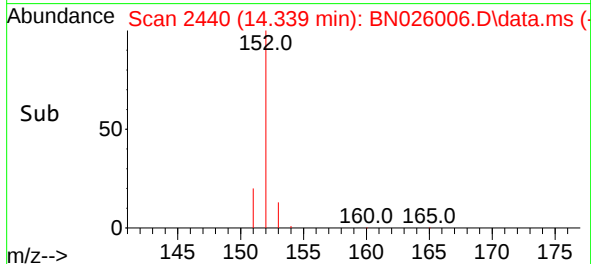
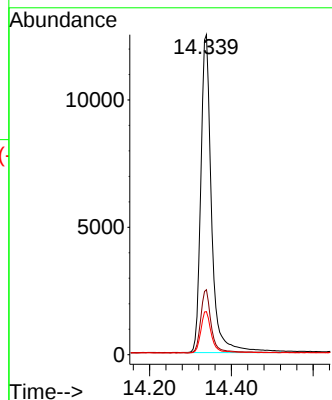
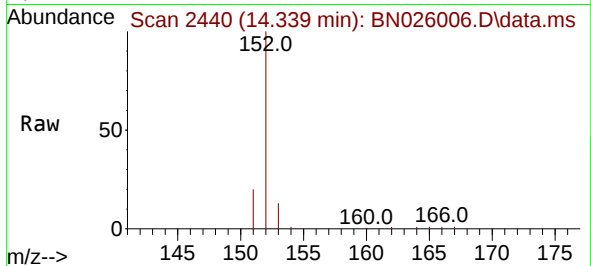




#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

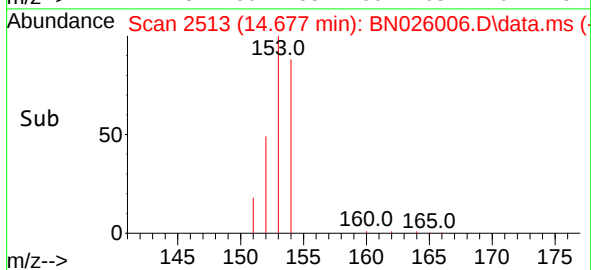
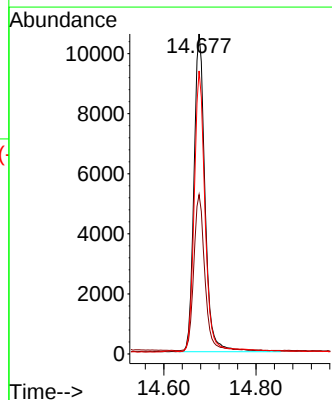
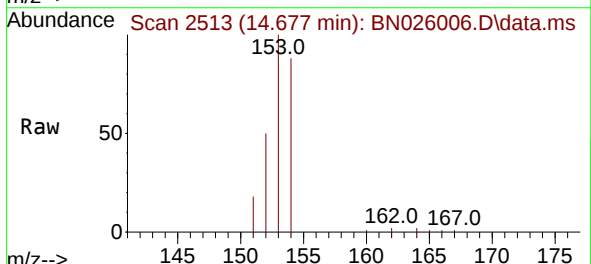
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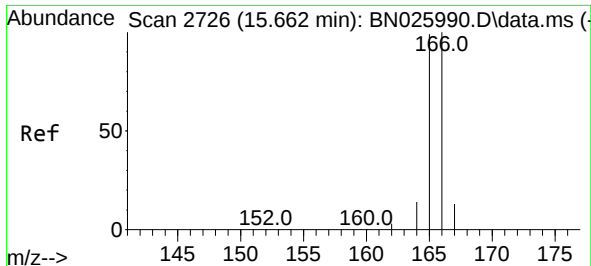
Tgt Ion:152 Resp: 22778
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.677 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:153 Resp: 17694
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 88.4 68.9 103.3

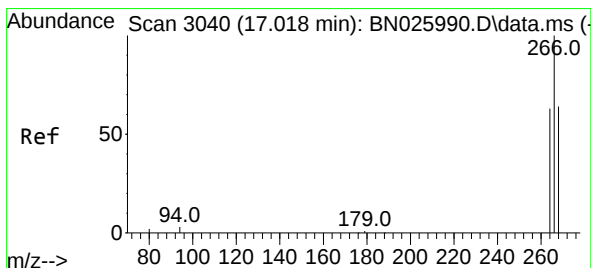
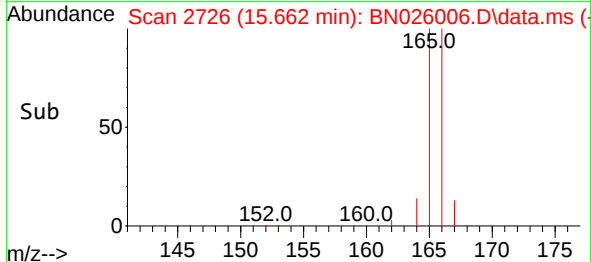
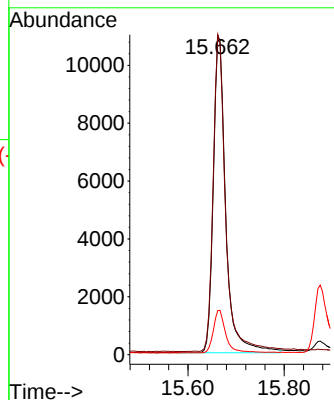
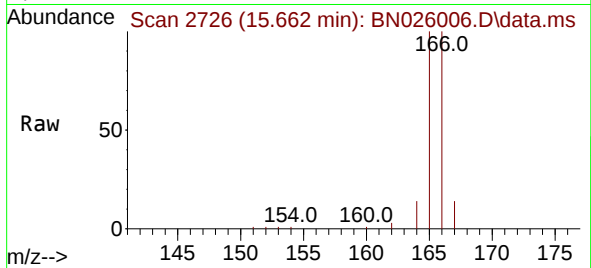




#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

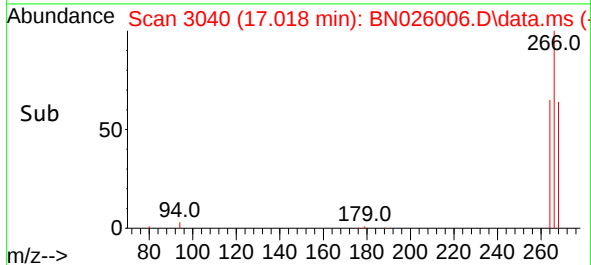
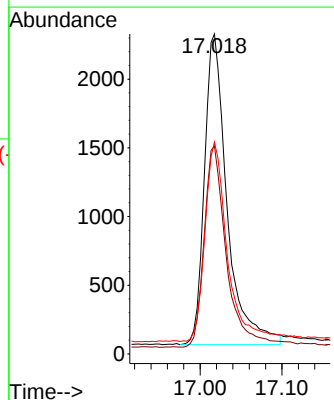
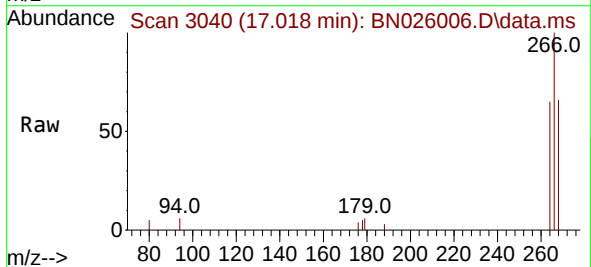
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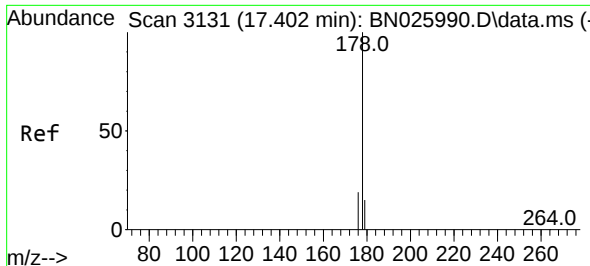
Tgt Ion:166 Resp: 19583
Ion Ratio Lower Upper
166 100
165 100.4 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.408 ng/ul
RT: 17.018 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:266 Resp: 4343
Ion Ratio Lower Upper
266 100
264 63.8 50.5 75.7
268 63.6 51.6 77.4

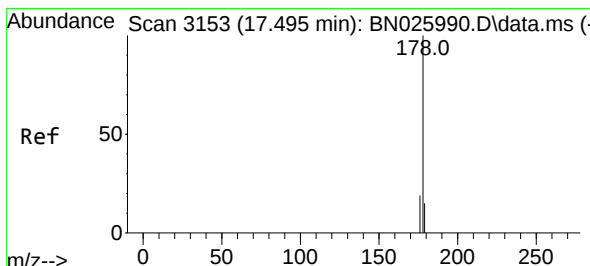
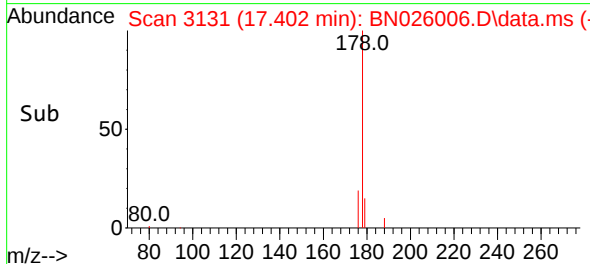
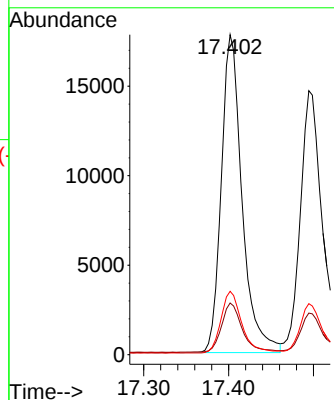
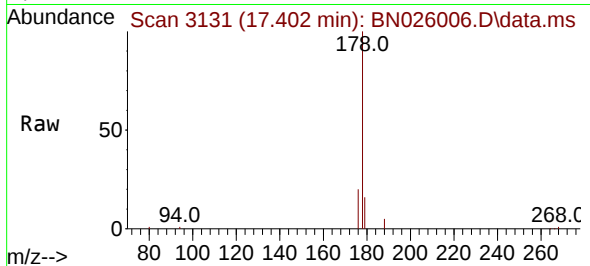




#15
Phenanthrene
Concen: 0.308 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

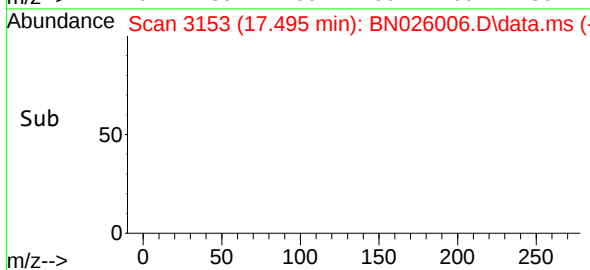
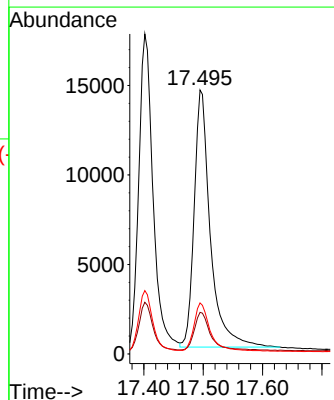
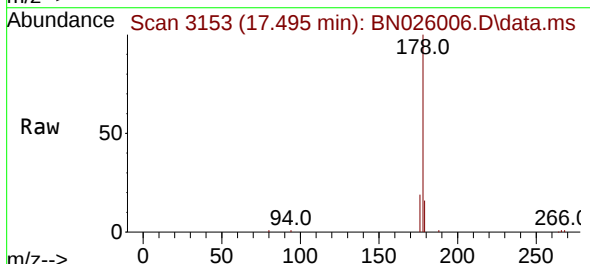
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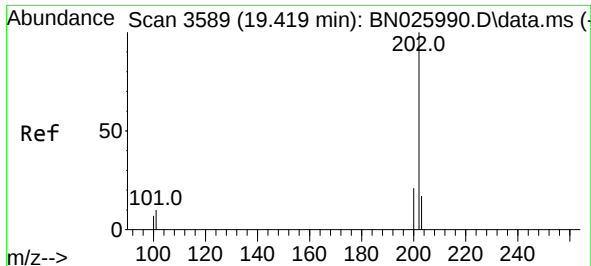
Tgt Ion:178	Resp:	30217
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.6 19.0
176	19.8	15.8 23.6



#16
Anthracene
Concen: 0.312 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:178	Resp:	27205
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.4	15.1 22.7

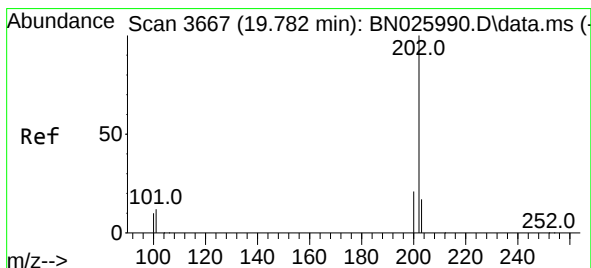
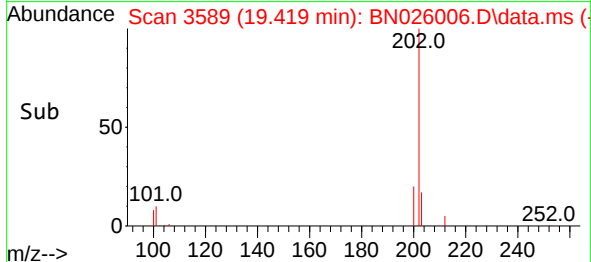
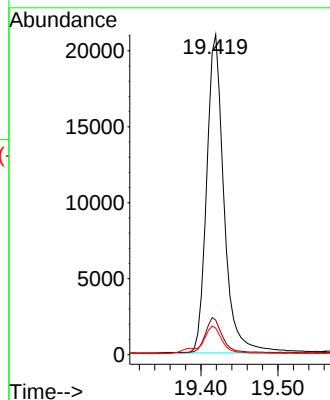
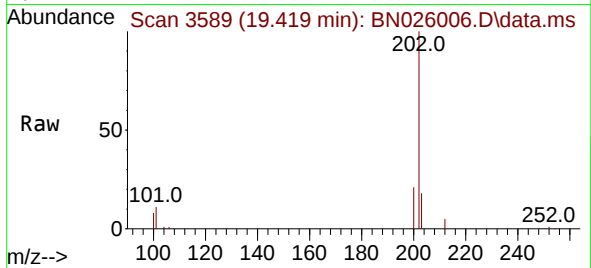




#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

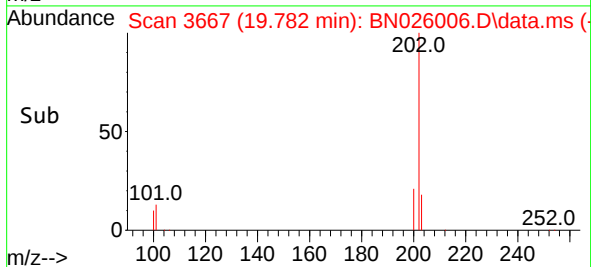
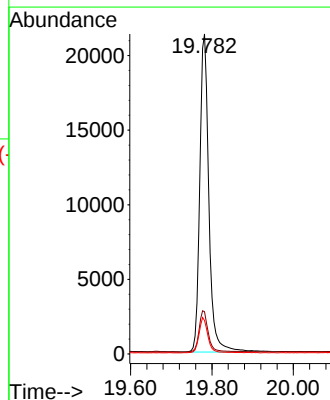
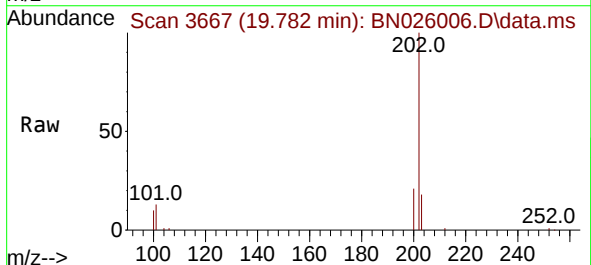
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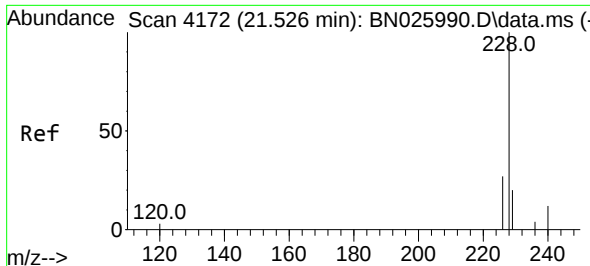
Tgt Ion:202 Resp: 32647
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.3 7.3 10.9



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:202 Resp: 33058
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.4 9.1 13.7

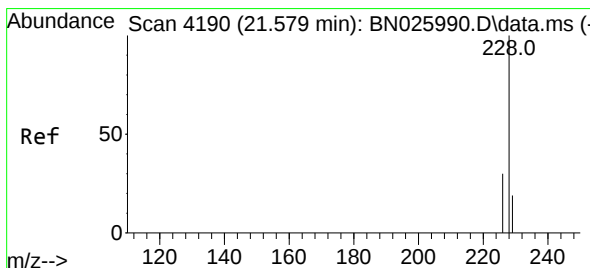
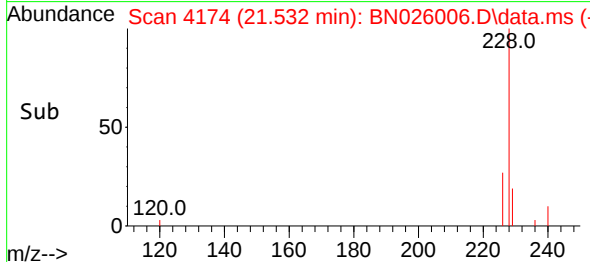
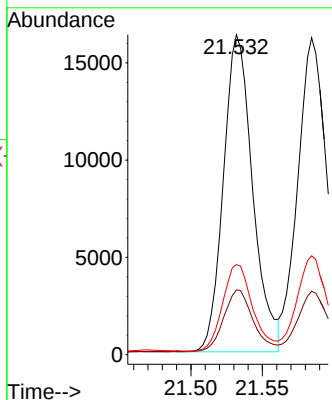
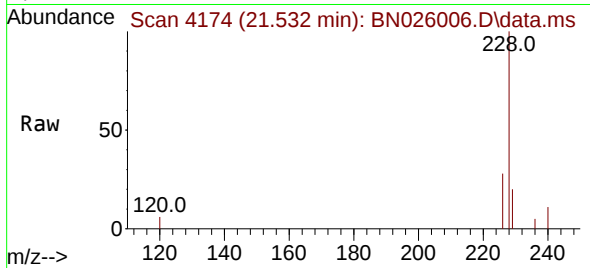




#21
Benzo(a)anthracene
Concen: 0.328 ng/ul
RT: 21.532 min Scan# 4172
Delta R.T. -0.000 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

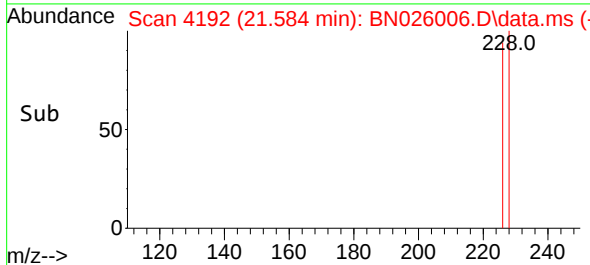
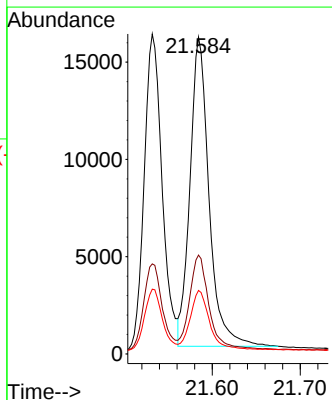
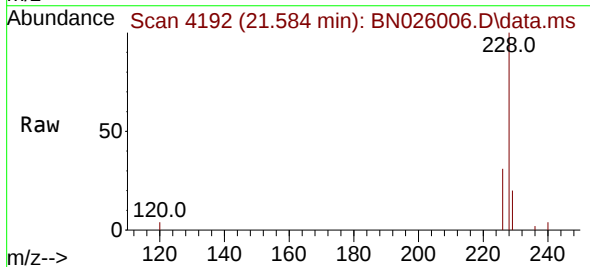
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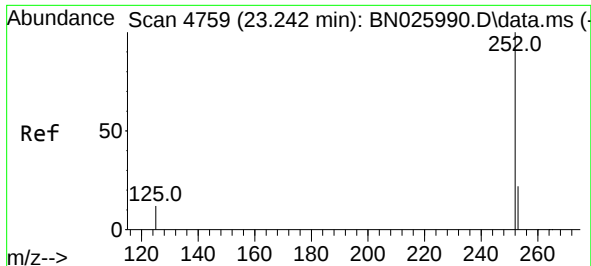
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Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:228 Resp: 23966
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 20.0 15.7 23.5

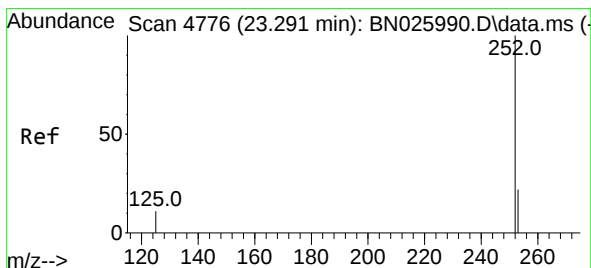
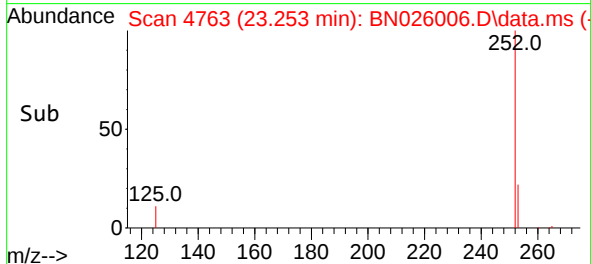
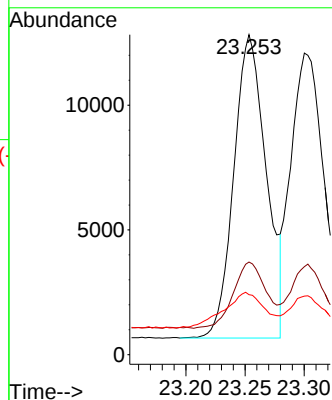
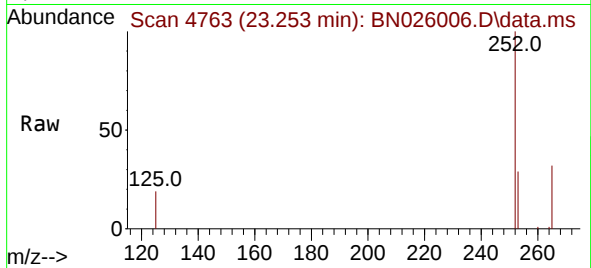




#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

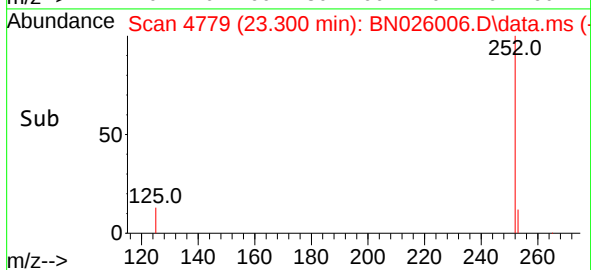
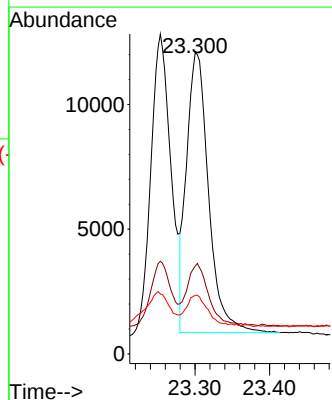
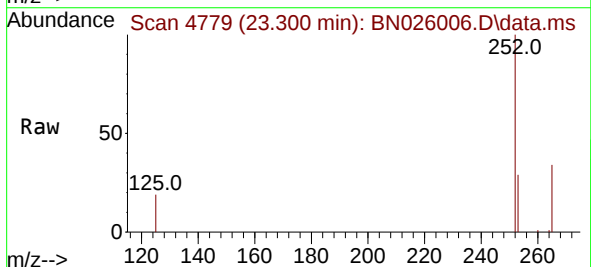
Instrument :
BNA_N
ClientSampleId :
SLCS447

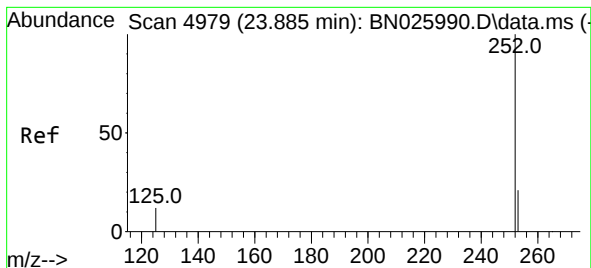
Tgt Ion:252 Resp: 23181
Ion Ratio Lower Upper
252 100
253 29.0 0.0 55.6
125 18.8 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.300 min Scan# 4779
Delta R.T. -0.009 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:252 Resp: 23088
Ion Ratio Lower Upper
252 100
253 29.2 23.2 34.8
125 19.4 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.324 ng/ul

RT: 23.894 min Scan# 4982

Delta R.T. -0.015 min

Lab File: BN026006.D

Acq: 24 Jun 2023 14:59

Instrument :

BNA_N

ClientSampleId :

SLCS447

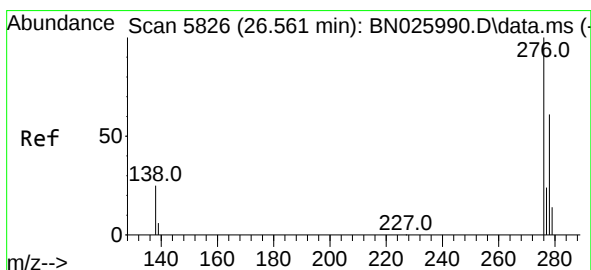
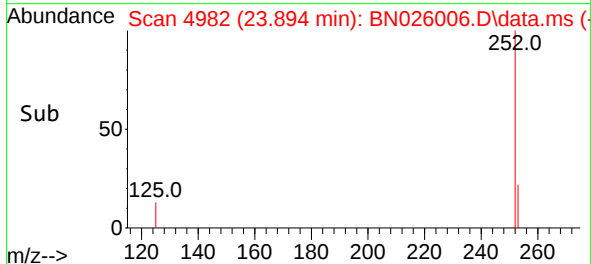
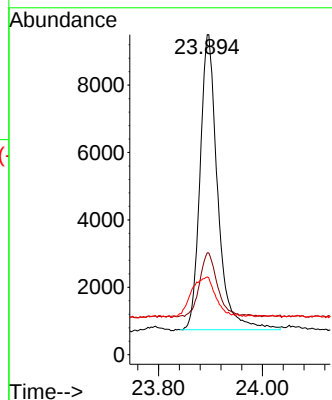
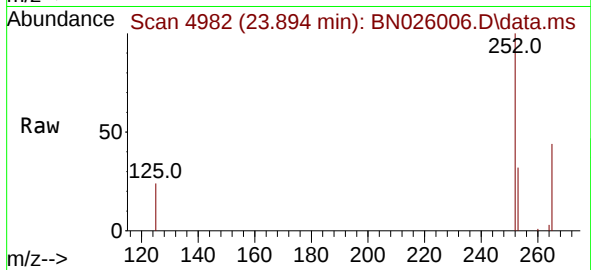
Tgt Ion:252 Resp: 20529

Ion Ratio Lower Upper

252 100

253 31.9 26.0 39.0

125 24.3 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng/ul

RT: 26.574 min Scan# 5830

Delta R.T. -0.020 min

Lab File: BN026006.D

Acq: 24 Jun 2023 14:59

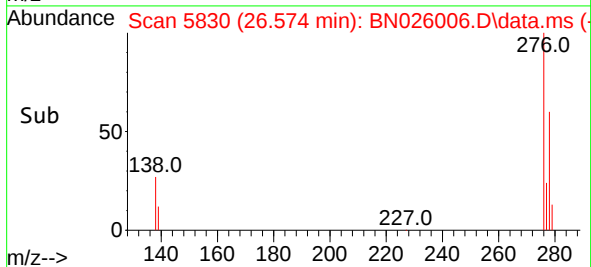
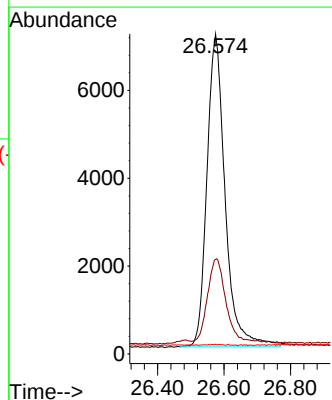
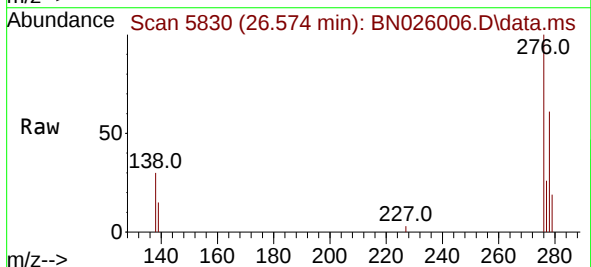
Tgt Ion:276 Resp: 26995

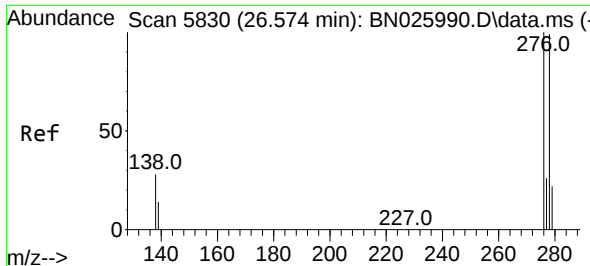
Ion Ratio Lower Upper

276 100

138 26.8 24.5 36.7

227 0.1 0.0 0.0#

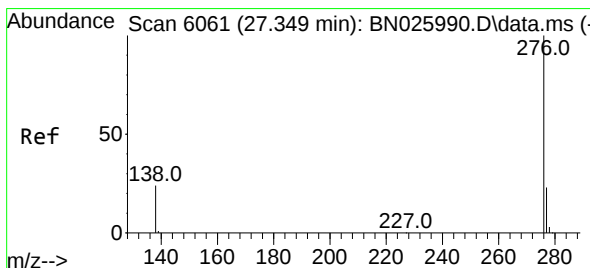
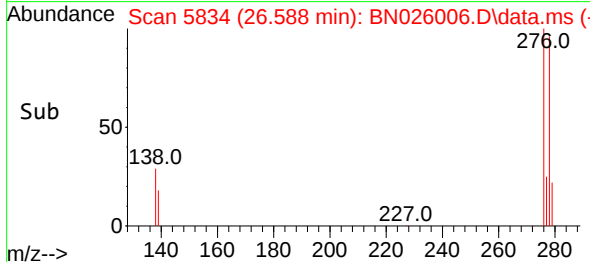
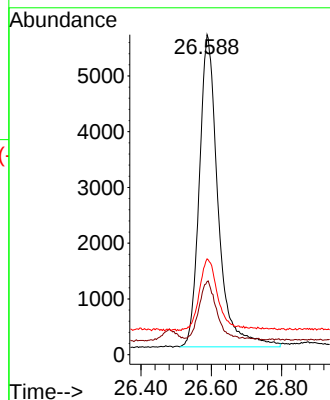
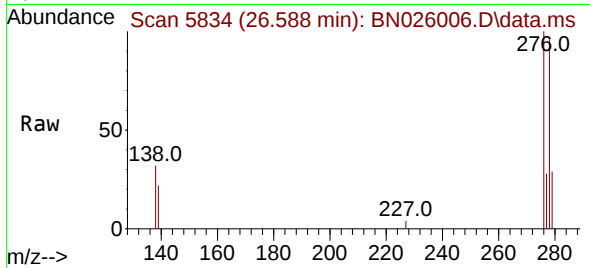




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.034 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Instrument :
BNA_N
ClientSampleId :
SLCS447

Tgt Ion:278 Resp: 20691
Ion Ratio Lower Upper
278 100
139 22.8 19.0 28.4
279 29.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 27.359 min Scan# 6064
Delta R.T. -0.027 min
Lab File: BN026006.D
Acq: 24 Jun 2023 14:59

Tgt Ion:276 Resp: 23111
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 25.8 20.0 30.0

