

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071023\
 Data File : BN026439.D
 Acq On : 10 Jul 2023 09:42
 Operator : MA/JU
 Sample : PB153949BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS949

Quant Time: Jul 11 04:17:27 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 : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

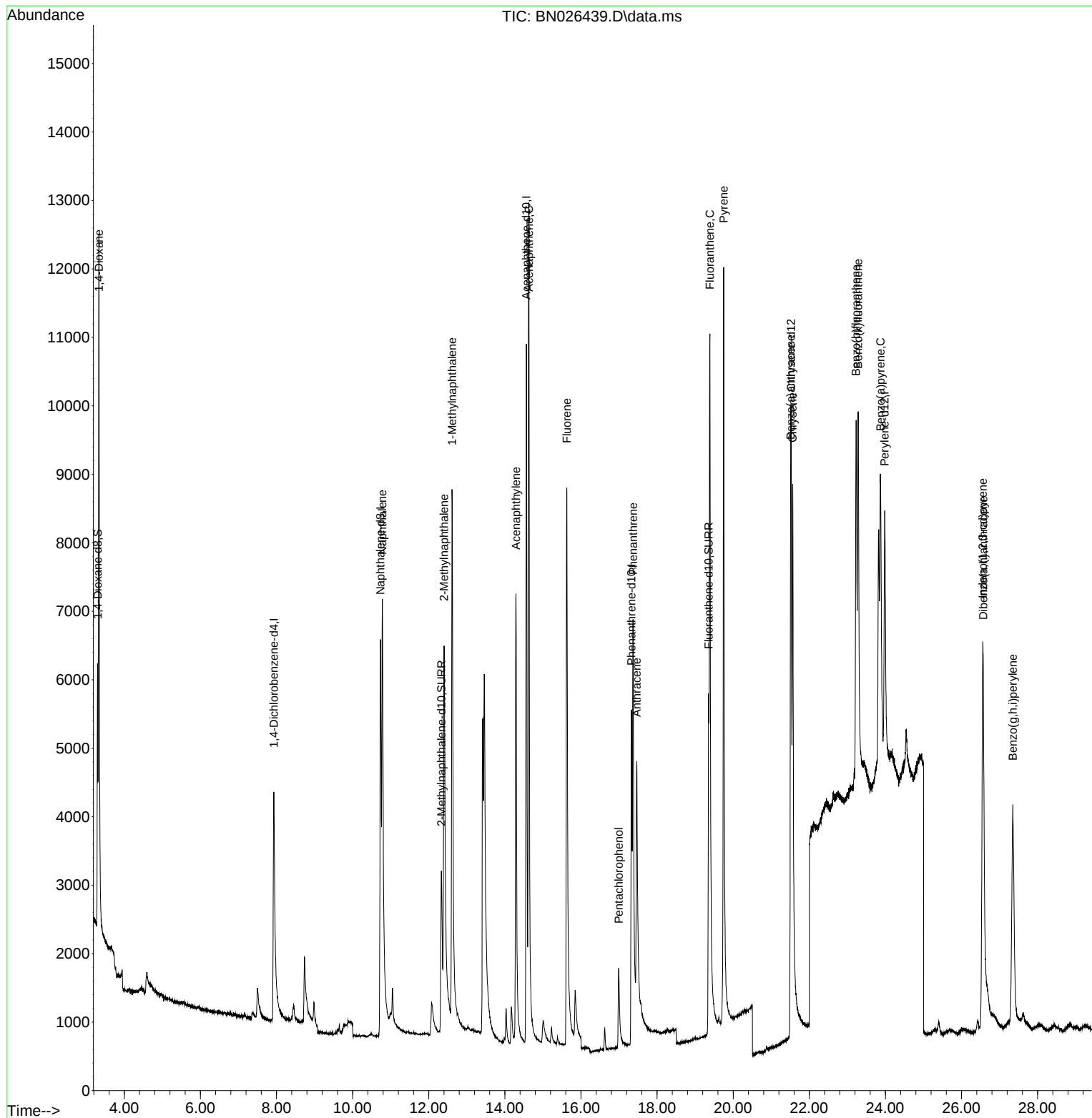
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	3803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	13449	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.566	164	7234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	8852	0.400	ng/ul #	0.00
17) Chrysene-d12	21.523	240	6722	0.400	ng/ul	0.00
23) Perylene-d12	23.981	264	6553	0.400	ng/ul #	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2891	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5459	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	8284	0.324	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	7576	1.666	ng/ul#	84
5) Naphthalene	10.781	128	12964	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.404	142	6876	0.280	ng/ul	99
8) 1-Methylnaphthalene	12.613	142	7869	0.309	ng/ul	100
10) Acenaphthylene	14.293	152	11379	0.336	ng/ul	100
11) Acenaphthene	14.630	153	9441	0.341	ng/ul	100
12) Fluorene	15.625	166	9076	0.286	ng/ul	100
14) Pentachlorophenol	16.992	266	1411	0.445	ng/ul	98
15) Phenanthrene	17.368	178	9238	0.316	ng/ul	97
16) Anthracene	17.465	178	7414	0.285	ng/ul#	94
19) Fluoranthene	19.387	202	12533	0.349	ng/ul	98
20) Pyrene	19.749	202	13576	0.364	ng/ul	96
21) Benzo(a)anthracene	21.509	228	8492	0.306	ng/ul	99
22) Chrysene	21.564	228	9817	0.340	ng/ul	99
24) Benzo(b)fluoranthene	23.230	252	9876	0.353	ng/ul	90
25) Benzo(k)fluoranthene	23.283	252	10423	0.371	ng/ul	92
26) Benzo(a)pyrene	23.873	252	8482	0.349	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.558	276	10290	0.388	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.571	278	7660	0.381	ng/ul#	92
29) Benzo(g,h,i)perylene	27.349	276	9680	0.410	ng/ul	97

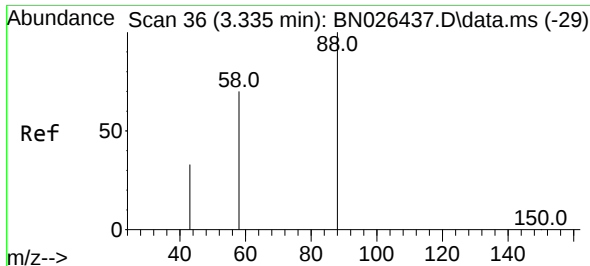
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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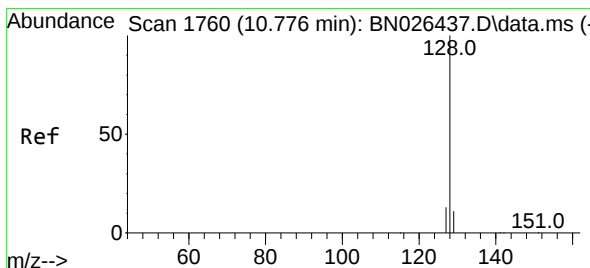
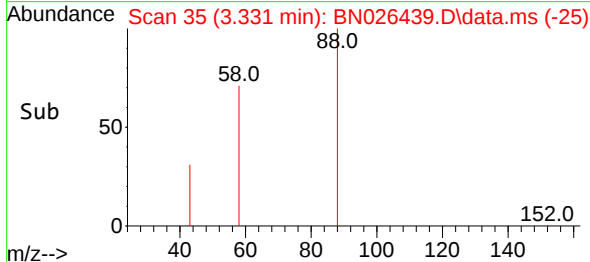
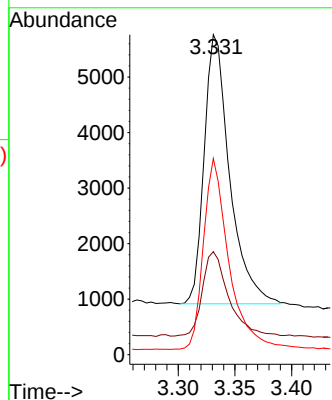
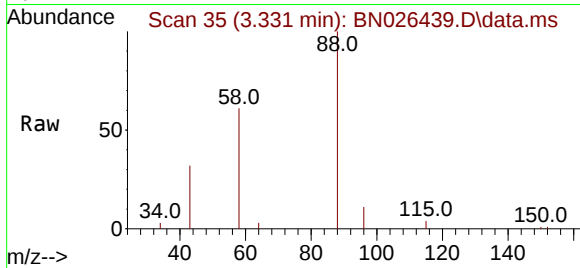




#2
1,4-Dioxane
Concen: 1.666 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

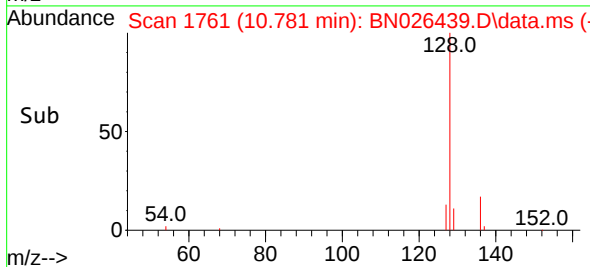
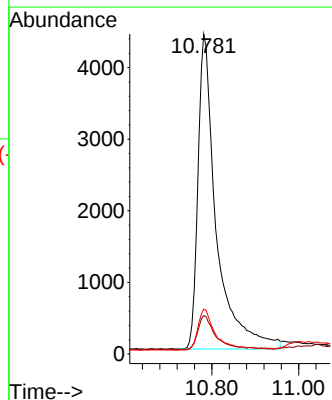
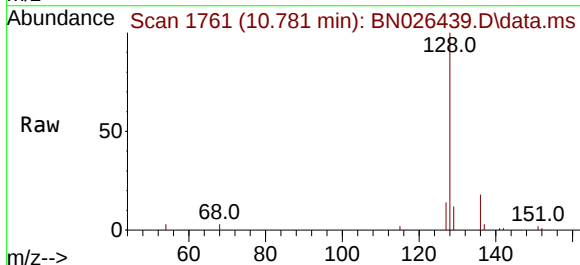
Instrument :
BNA_N
ClientSampleId :
SLCS949

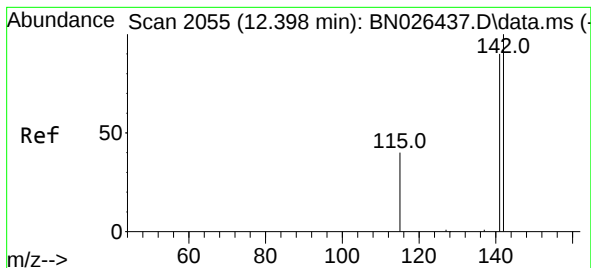
Tgt Ion: 88 Resp: 7576
Ion Ratio Lower Upper
88 100
43 32.2 29.5 44.3
58 61.3 37.4 56.2#



#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion: 128 Resp: 12964
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.0 10.7 16.1

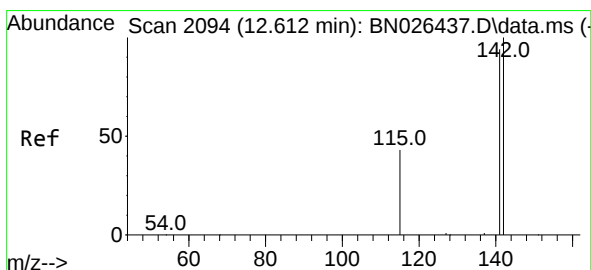
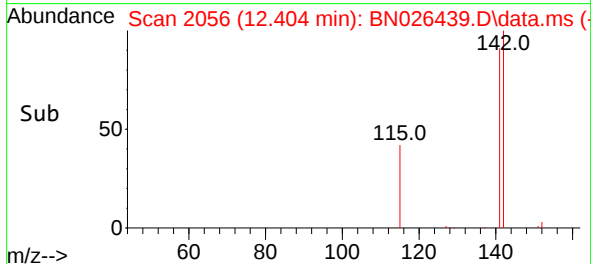
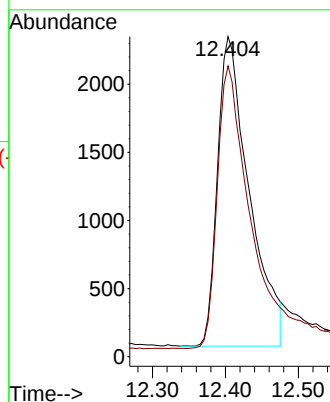
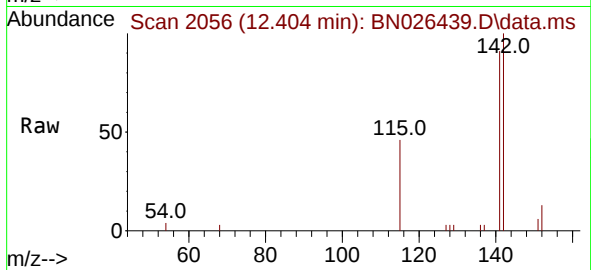




#7
2-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.404 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

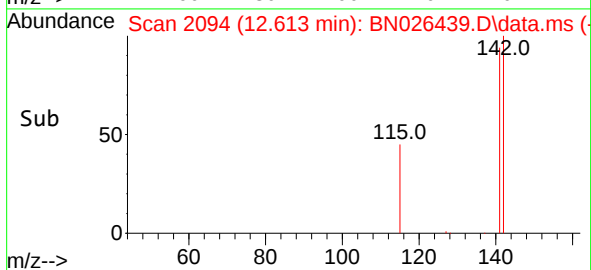
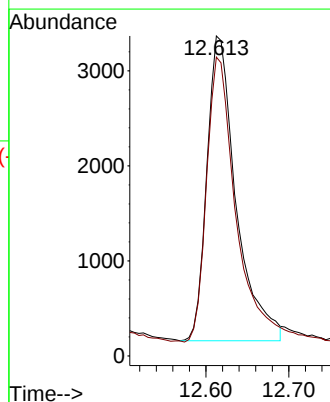
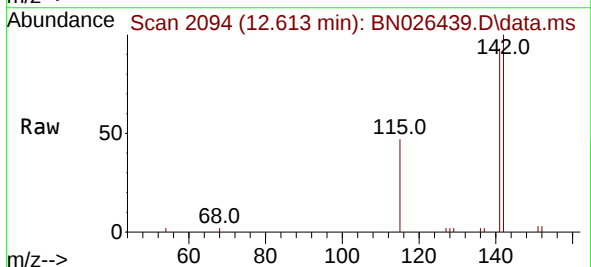
Instrument :
BNA_N
ClientSampleId :
SLCS949

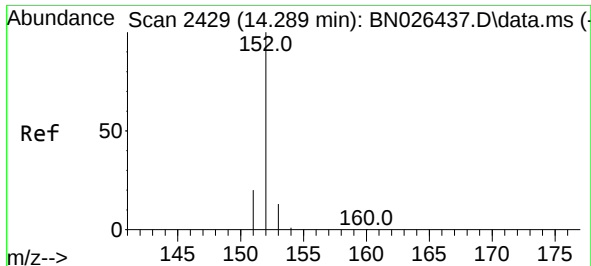
Tgt Ion:142 Resp: 6876
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.613 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:142 Resp: 7869
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4

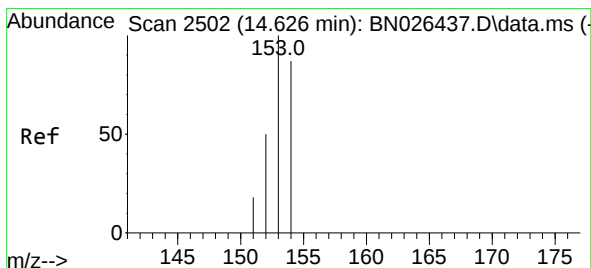
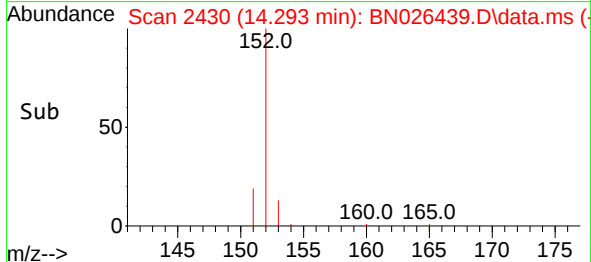
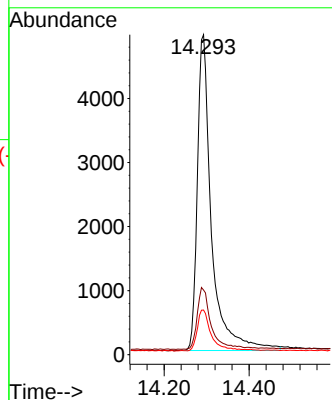
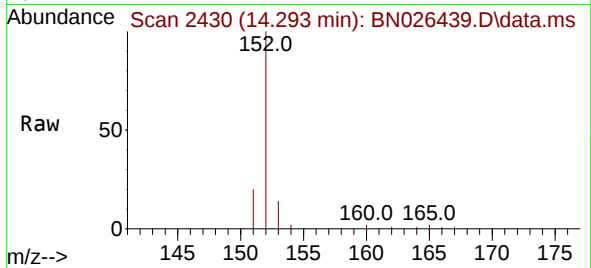




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.293 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

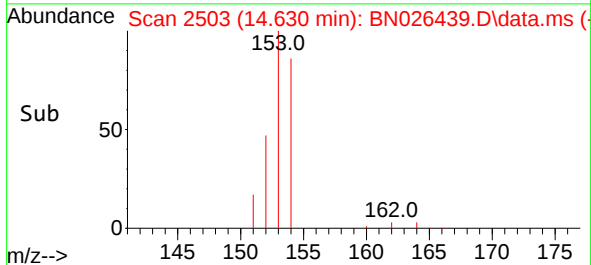
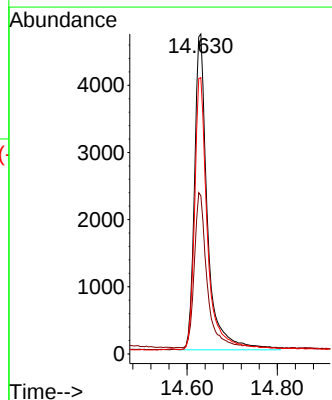
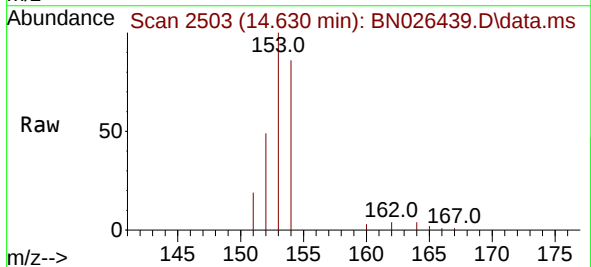
Instrument :
BNA_N
ClientSampleId :
SLCS949

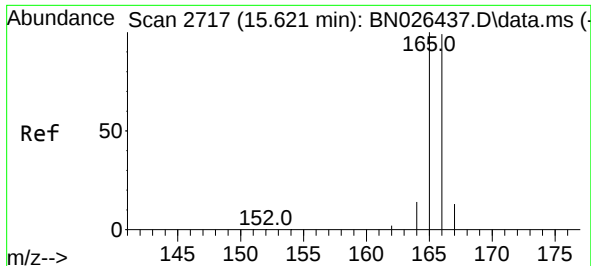
Tgt Ion:152 Resp: 11379
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:153 Resp: 9441
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 86.3 68.9 103.3

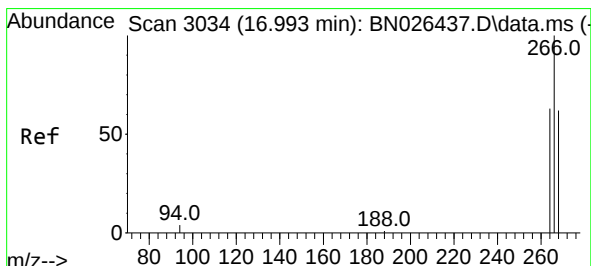
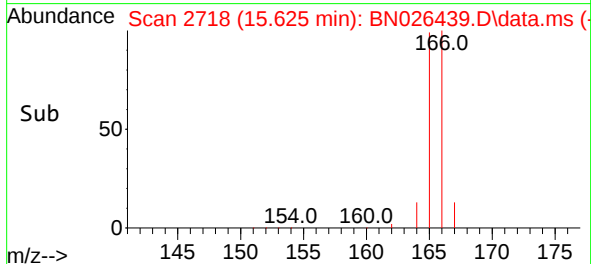
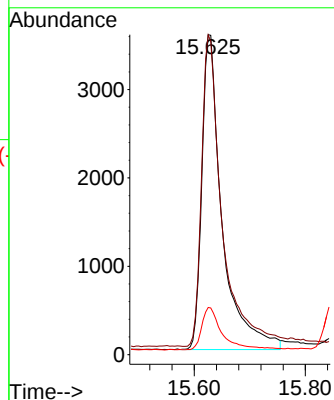
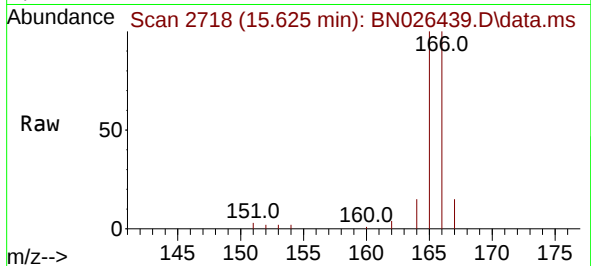




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

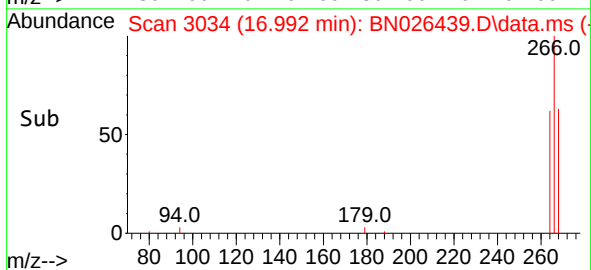
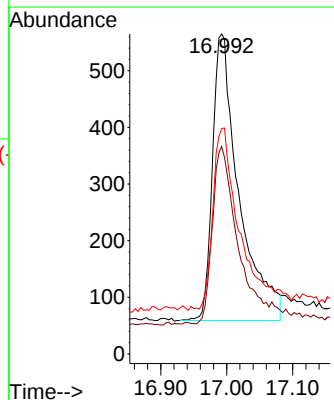
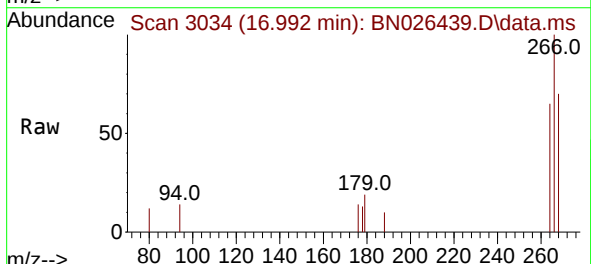
Instrument :
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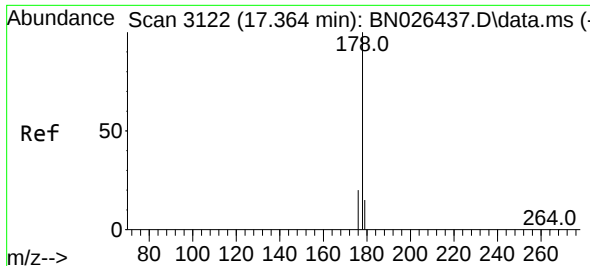
Tgt Ion:166 Resp: 9076
Ion Ratio Lower Upper
166 100
165 100.0 79.9 119.9
167 14.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.445 ng/ul
RT: 16.992 min Scan# 3034
Delta R.T. -0.004 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:266 Resp: 1411
Ion Ratio Lower Upper
266 100
264 61.2 50.5 75.7
268 63.2 51.6 77.4

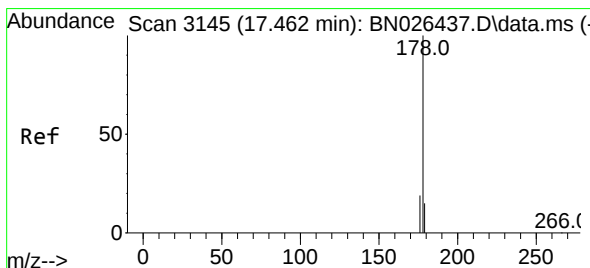
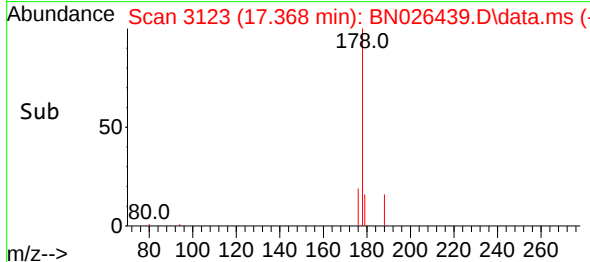
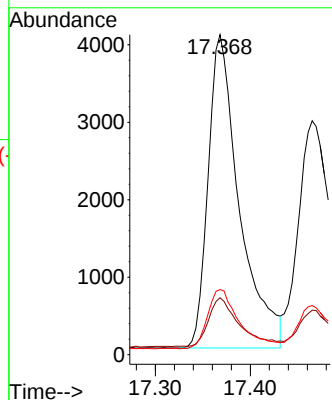
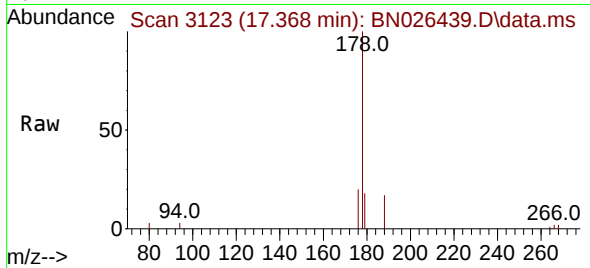




#15
Phenanthrene
Concen: 0.316 ng/ul
RT: 17.368 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

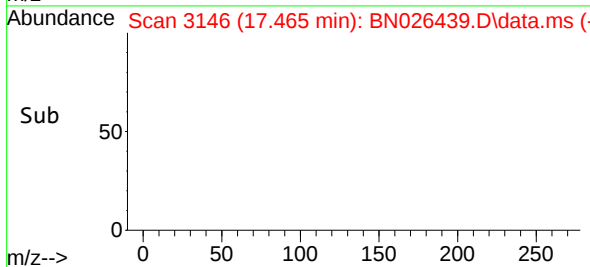
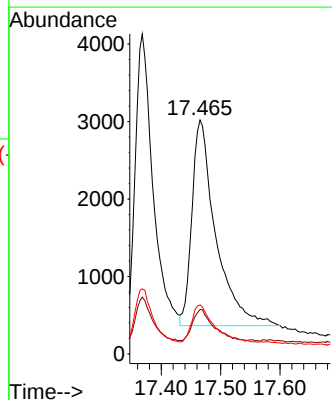
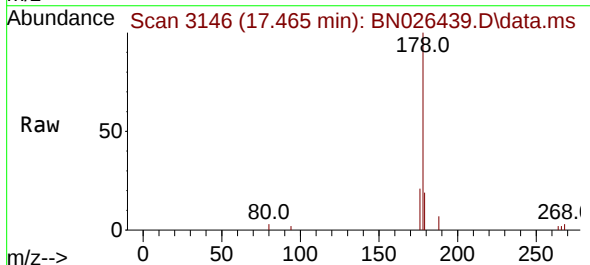
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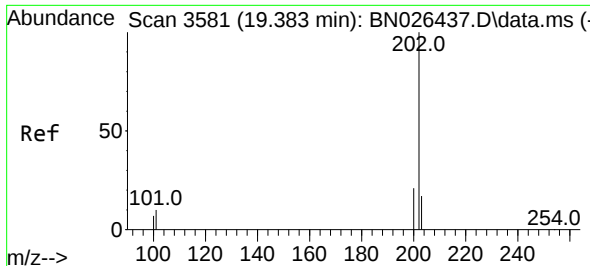
Tgt Ion:178 Resp: 9238
Ion Ratio Lower Upper
178 100
179 17.8 12.6 19.0
176 20.3 15.8 23.6



#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.465 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:178 Resp: 7414
Ion Ratio Lower Upper
178 100
179 19.0 12.6 18.8#
176 21.0 15.1 22.7

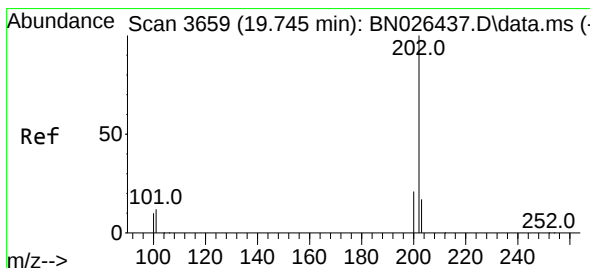
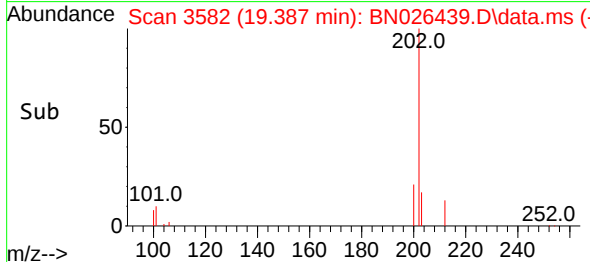
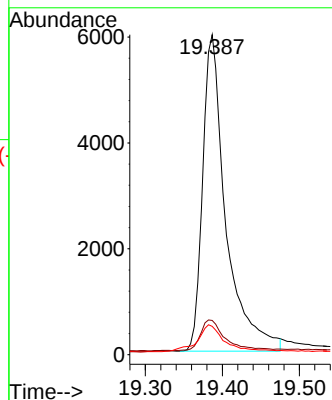
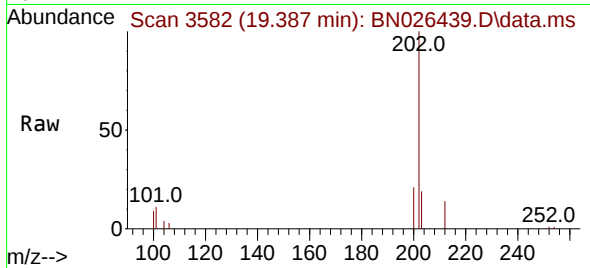




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.387 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

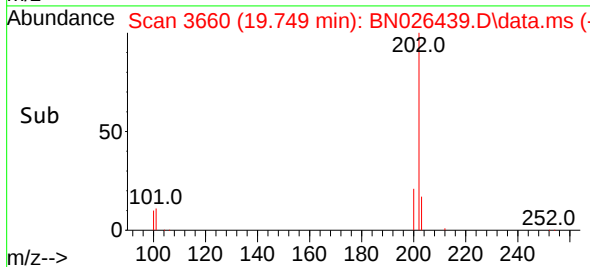
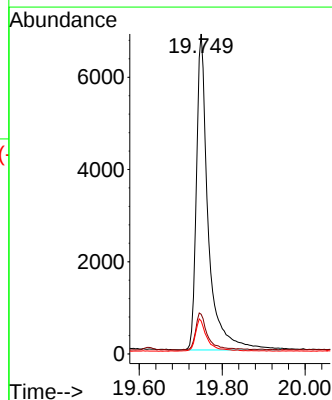
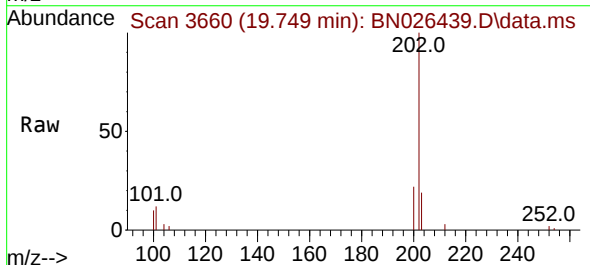
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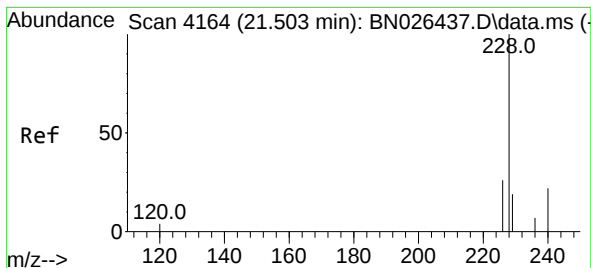
Tgt Ion:202 Resp: 12533
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:202 Resp: 13576
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.3 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.306 ng/ul

RT: 21.509 min Scan# 4164

Delta R.T. 0.009 min

Lab File: BN026439.D

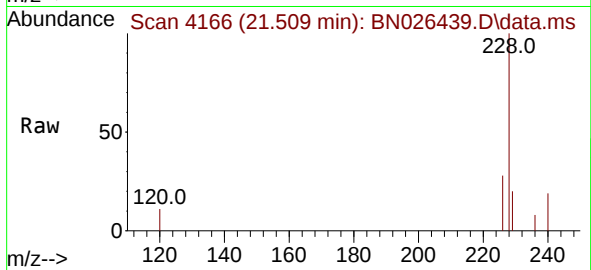
Acq: 10 Jul 2023 09:42

Instrument :

BNA_N

ClientSampleId :

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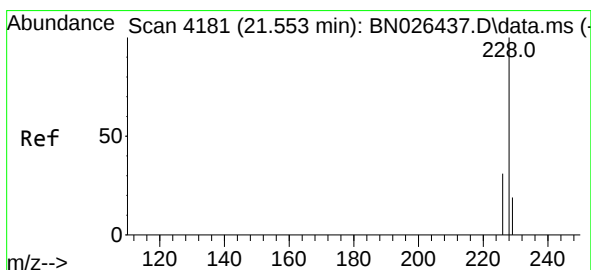
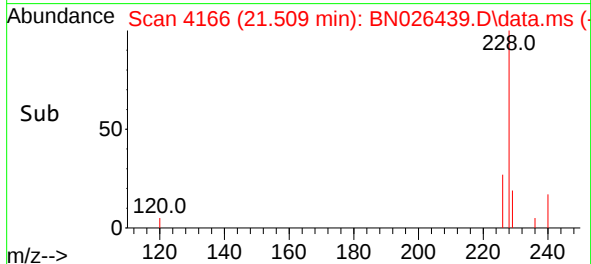
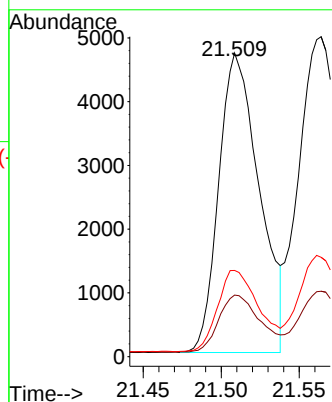
Tgt Ion:228 Resp: 8492

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

226 28.4 22.5 33.7



#22

Chrysene

Concen: 0.340 ng/ul

RT: 21.564 min Scan# 4185

Delta R.T. 0.012 min

Lab File: BN026439.D

Acq: 10 Jul 2023 09:42

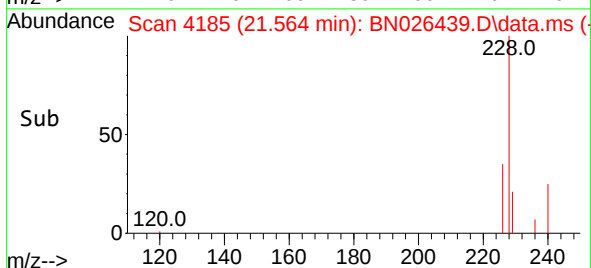
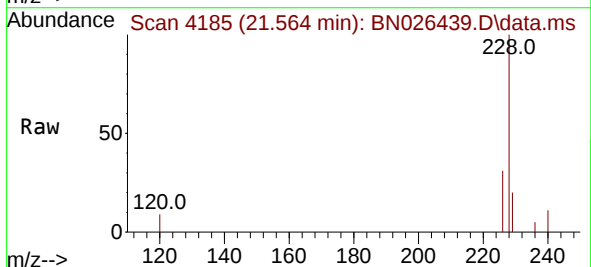
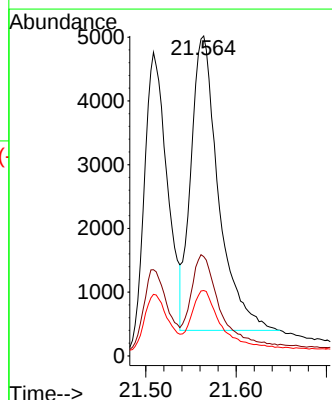
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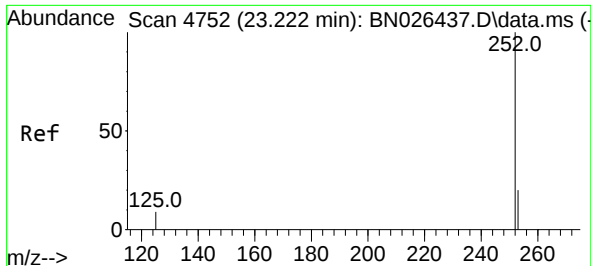
Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

229 20.5 15.7 23.5

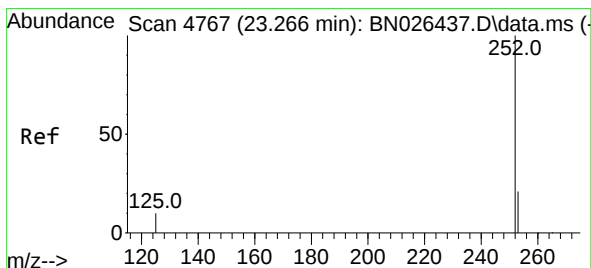
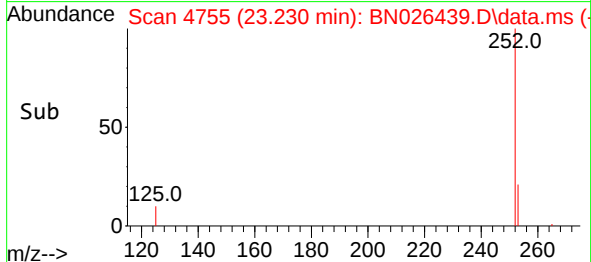
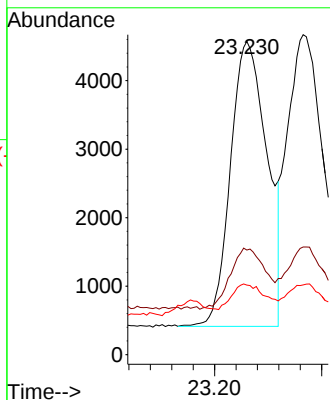
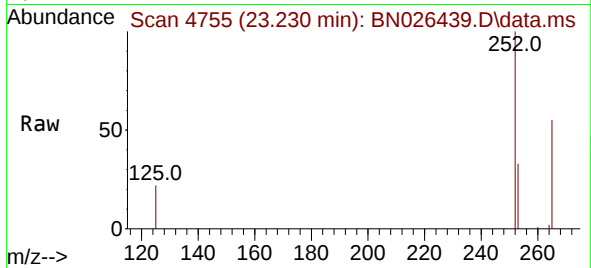




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.230 min Scan# 4755
Delta R.T. 0.012 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

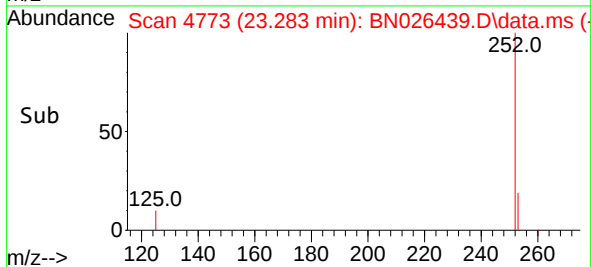
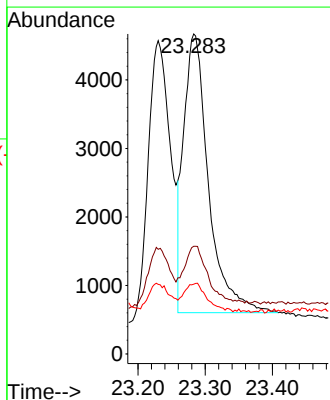
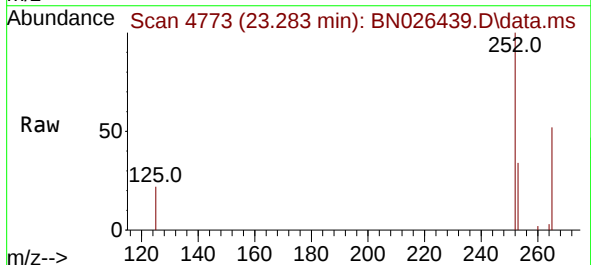
Instrument :
BNA_N
ClientSampleId :
SLCS949

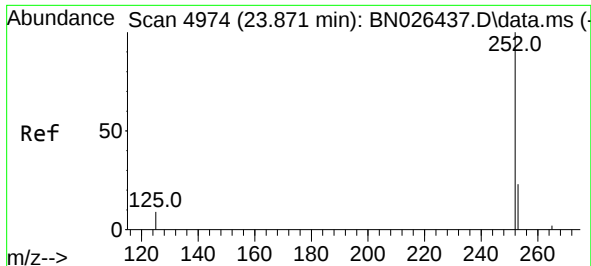
Tgt Ion:252 Resp: 9876
Ion Ratio Lower Upper
252 100
253 33.4 0.0 55.6
125 22.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.283 min Scan# 4773
Delta R.T. 0.021 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:252 Resp: 10423
Ion Ratio Lower Upper
252 100
253 33.7 23.2 34.8
125 21.8 15.0 22.4

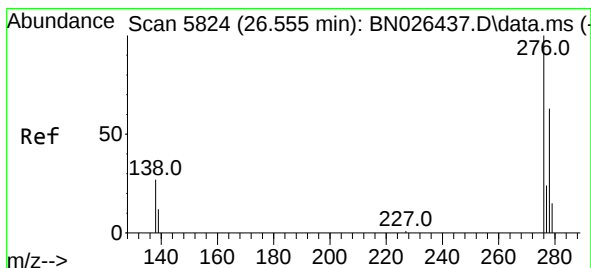
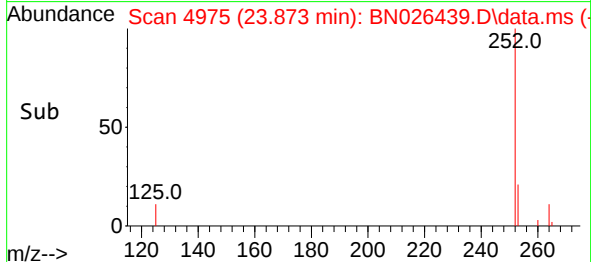
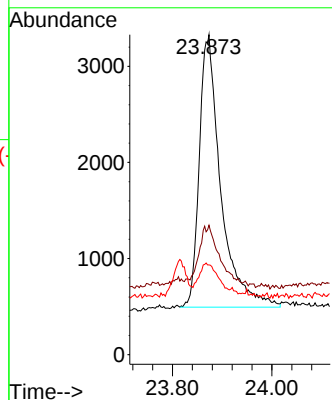
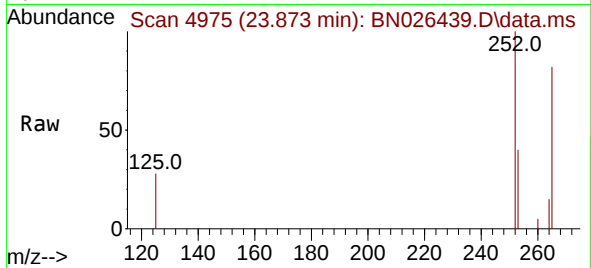




#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.873 min Scan# 4974
Delta R.T. 0.003 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

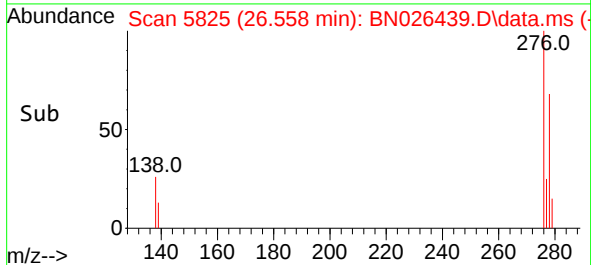
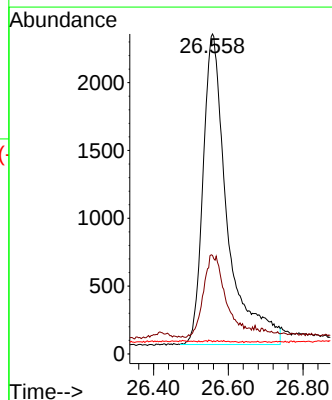
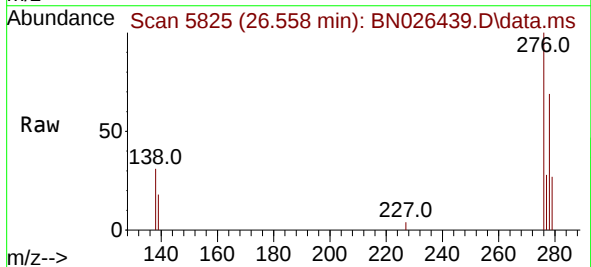
Instrument :
BNA_N
ClientSampleId :
SLCS949

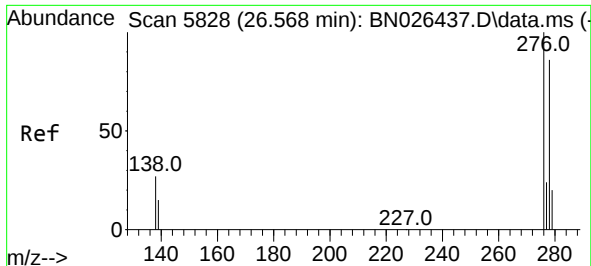
Tgt Ion:252 Resp: 8482
Ion Ratio Lower Upper
252 100
253 40.4 26.0 39.0#
125 28.0 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.017 min
Lab File: BN026439.D
Acq: 10 Jul 2023 09:42

Tgt Ion:276 Resp: 10290
Ion Ratio Lower Upper
276 100
138 24.8 24.5 36.7
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.381 ng/ul

RT: 26.571 min Scan# 5829

Delta R.T. 0.010 min

Lab File: BN026439.D

Acq: 10 Jul 2023 09:42

Instrument :

BNA_N

ClientSampleId :

SLCS949

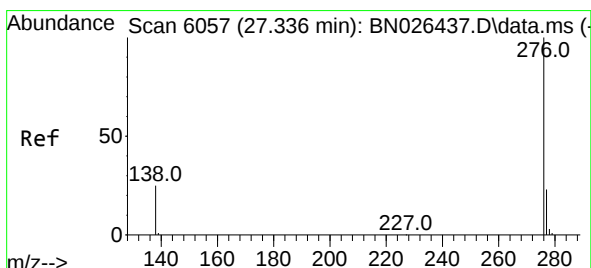
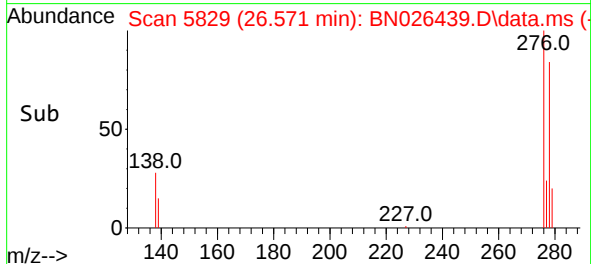
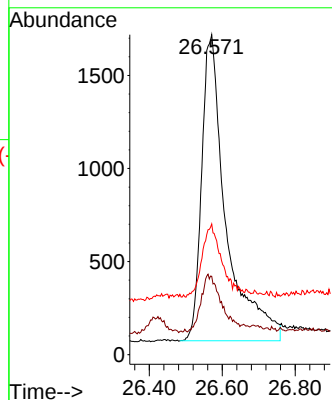
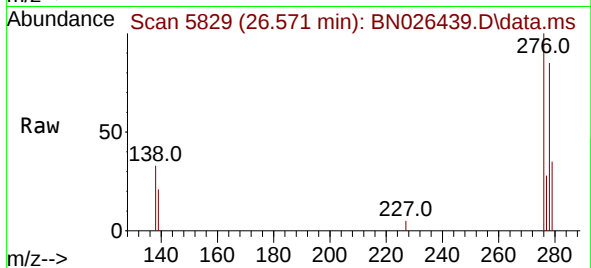
Tgt Ion:278 Resp: 7660

Ion Ratio Lower Upper

278 100

139 24.5 19.0 28.4

279 40.8 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.410 ng/ul

RT: 27.349 min Scan# 6061

Delta R.T. 0.014 min

Lab File: BN026439.D

Acq: 10 Jul 2023 09:42

Tgt Ion:276 Resp: 9680

Ion Ratio Lower Upper

276 100

138 28.8 23.4 35.0

277 27.7 20.0 30.0

