

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027823.D
 Acq On : 22 Sep 2023 13:35
 Operator : MA/JU
 Sample : PB155580BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS580

Quant Time: Sep 22 15:44:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

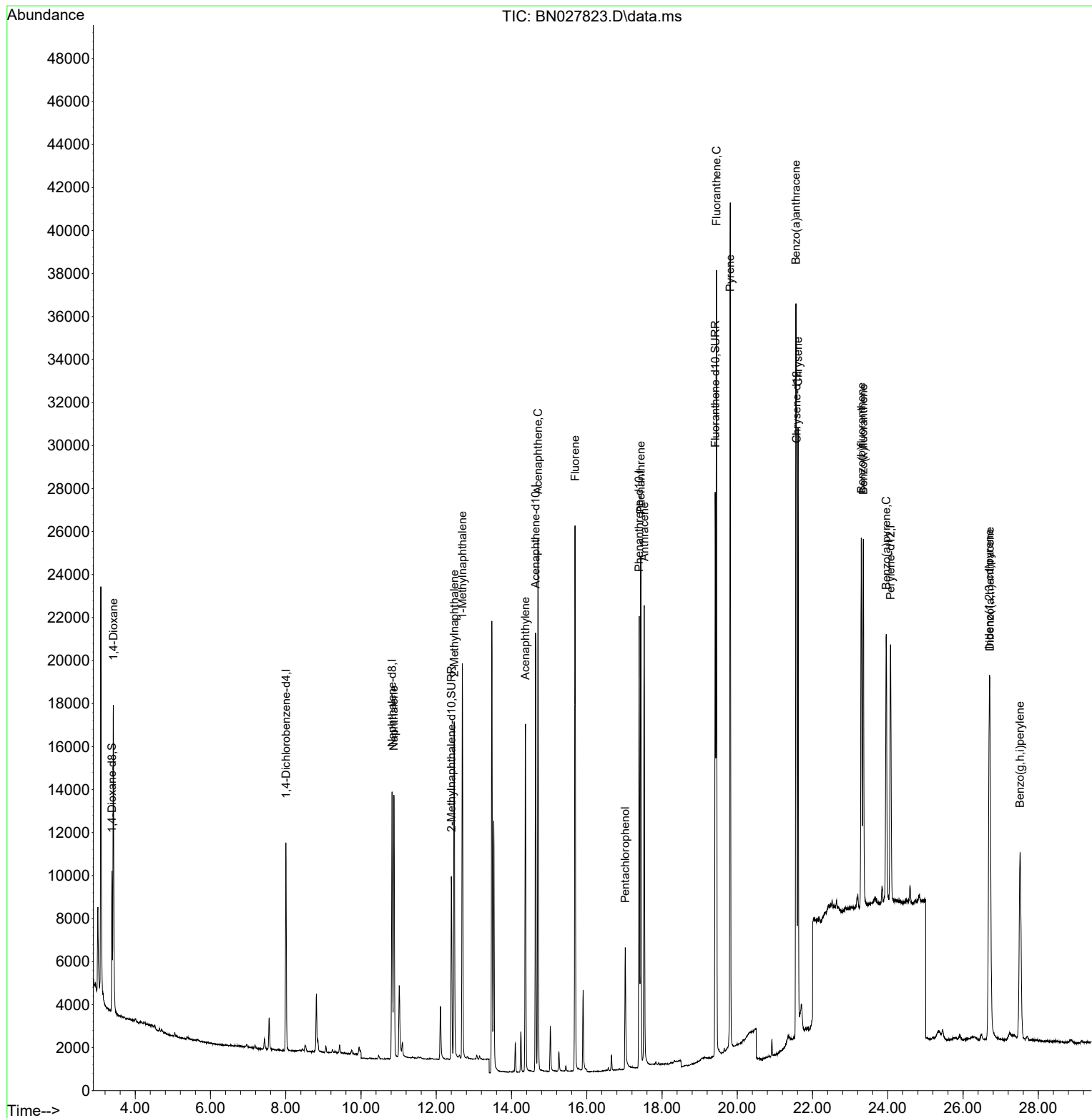
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5074	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	17509	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11113	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24279	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	19697	0.400	ng/ul	0.00
23) Perylene-d12	24.073	264	17580	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	4428	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	11602	0.437	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	28626	0.476	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	10489	1.577	ng/ul#	91
5) Naphthalene	10.872	128	17425	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	11648	0.367	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	12884	0.393	ng/ul	100
10) Acenaphthylene	14.370	152	18467	0.380	ng/ul	99
11) Acenaphthene	14.703	153	13961	0.333	ng/ul	98
12) Fluorene	15.688	166	15862	0.321	ng/ul	99
14) Pentachlorophenol	17.021	266	4272	0.752	ng/ul	99
15) Phenanthrene	17.434	178	25742	0.337	ng/ul	99
16) Anthracene	17.527	178	24234	0.379	ng/ul	99
19) Fluoranthene	19.446	202	30781	0.386	ng/ul	100
20) Pyrene	19.813	202	32260	0.393	ng/ul	98
21) Benzo(a)anthracene	21.557	228	27923	0.366	ng/ul	99
22) Chrysene	21.615	228	26747	0.340	ng/ul	99
24) Benzo(b)fluoranthene	23.296	252	23971	0.306	ng/ul	87
25) Benzo(k)fluoranthene	23.348	252	24251	0.319	ng/ul#	87
26) Benzo(a)pyrene	23.956	252	20679	0.328	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.696	276	24643	0.305	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.713	278	19898	0.306	ng/ul#	90
29) Benzo(g,h,i)perylene	27.515	276	20414	0.298	ng/ul	96

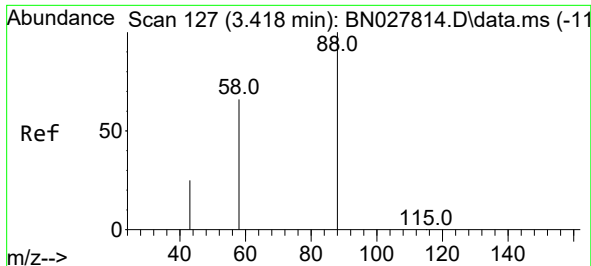
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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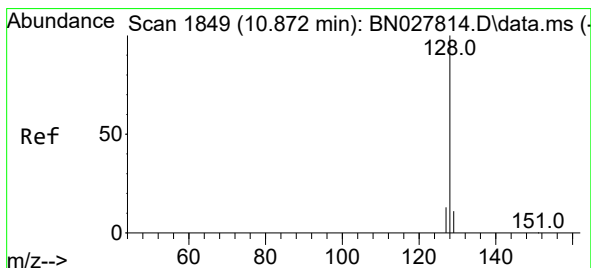
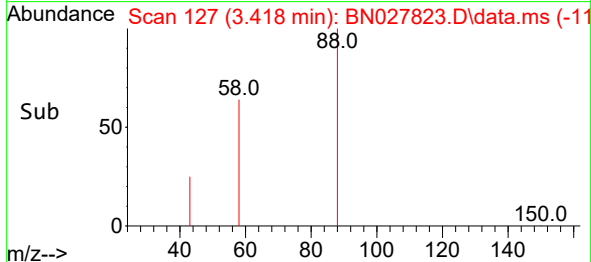
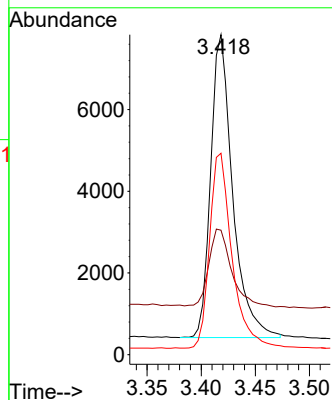
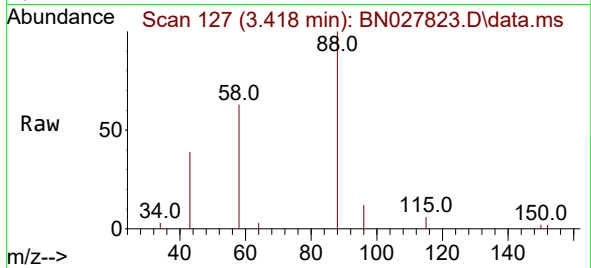




#2
1,4-Dioxane
Concen: 1.577 ng/ul
RT: 3.418 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

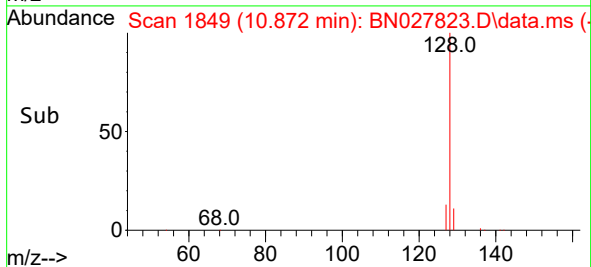
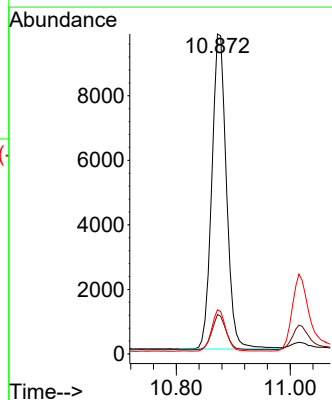
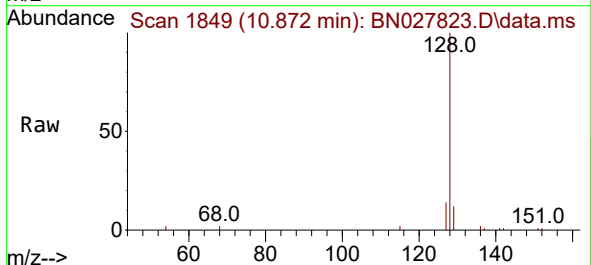
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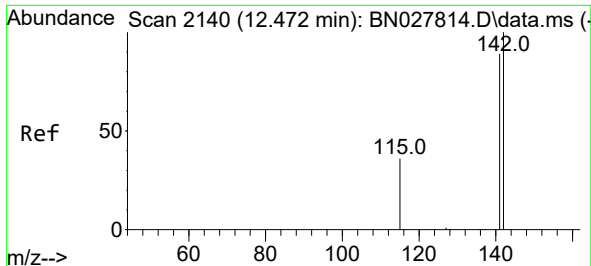
Tgt Ion: 88 Resp: 10489
Ion Ratio Lower Upper
88 100
43 38.9 39.6 59.4#
58 62.9 48.3 72.5



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:128 Resp: 17425
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 13.8 10.7 16.1

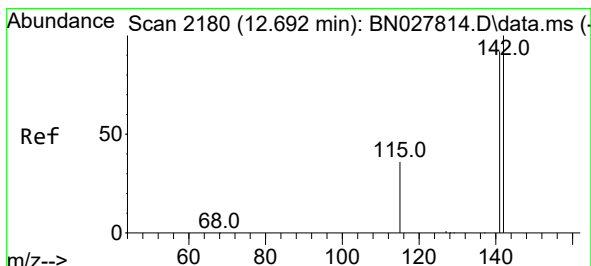
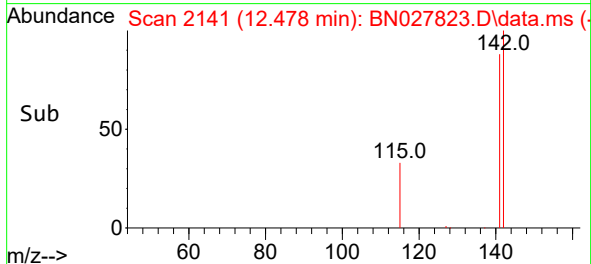
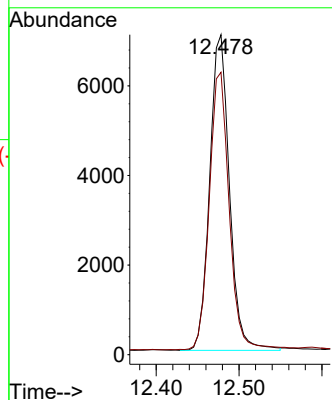
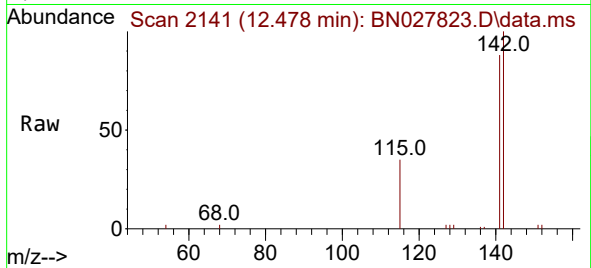




#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.478 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

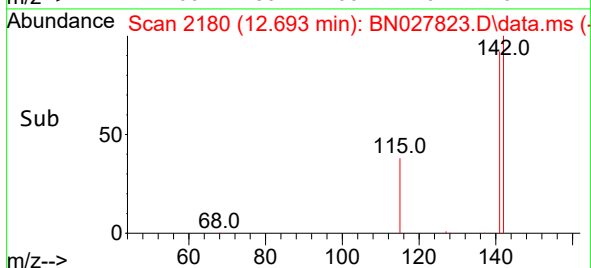
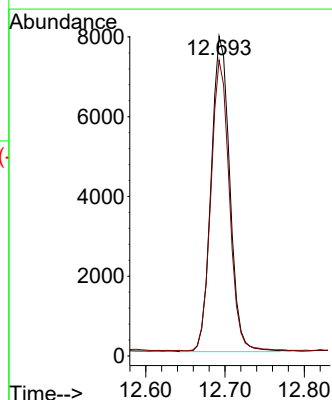
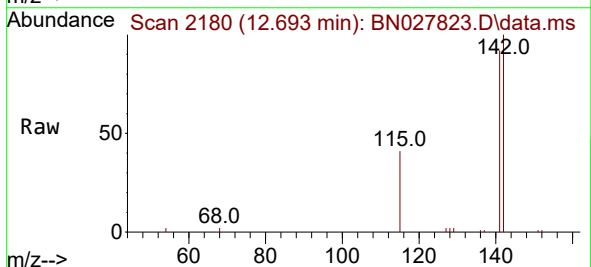
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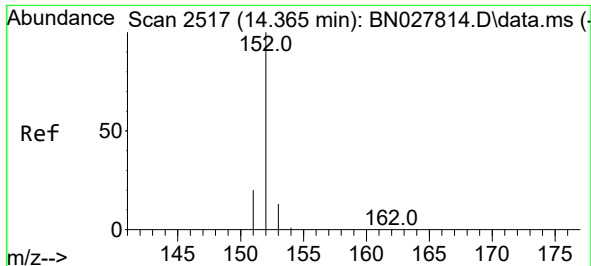
Tgt Ion:142 Resp: 11648
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:142 Resp: 12884
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2

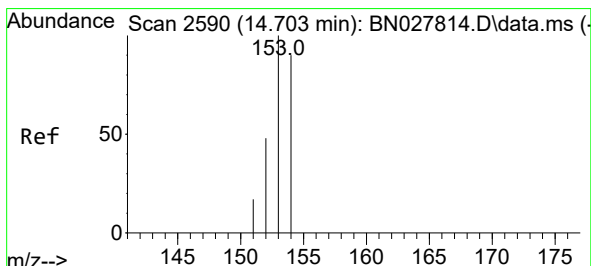
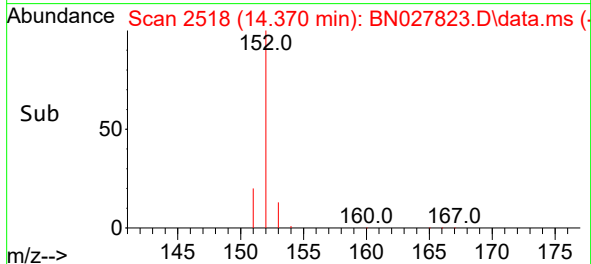
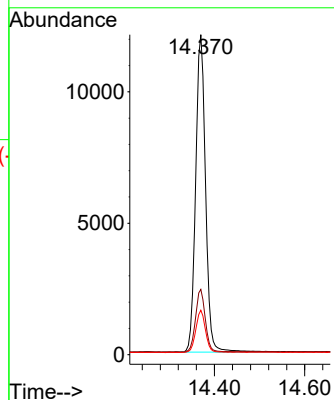
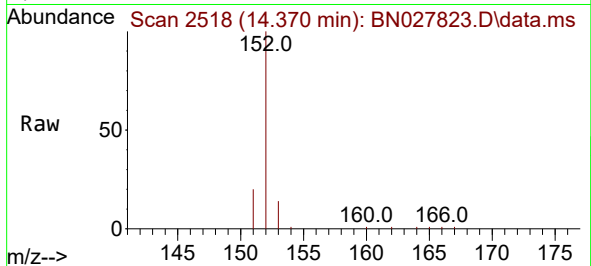




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.370 min Scan# 2517
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

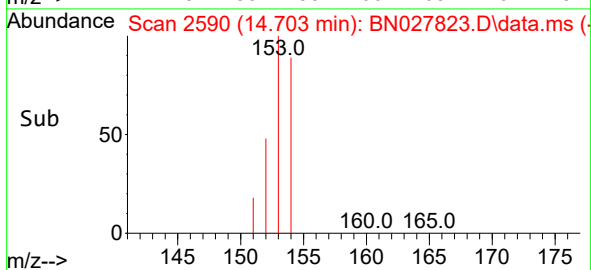
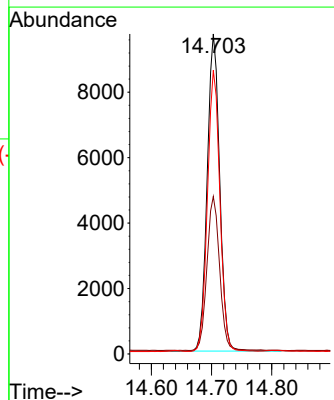
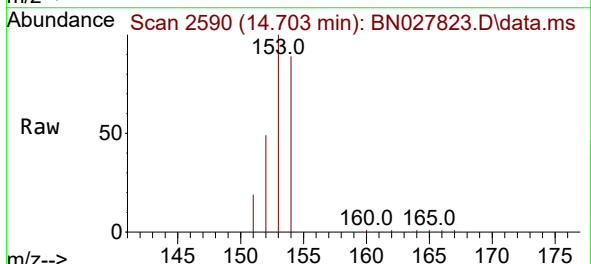
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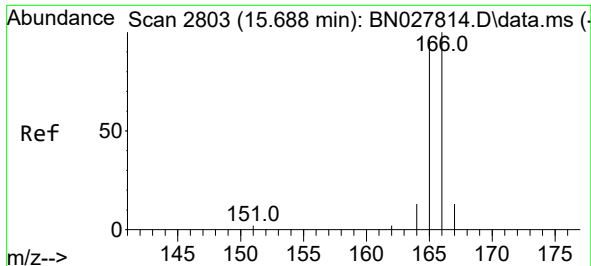
Tgt Ion:152 Resp: 18467
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.9 11.0 16.6



#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:153 Resp: 13961
Ion Ratio Lower Upper
153 100
152 49.2 41.7 62.5
154 88.7 70.3 105.5

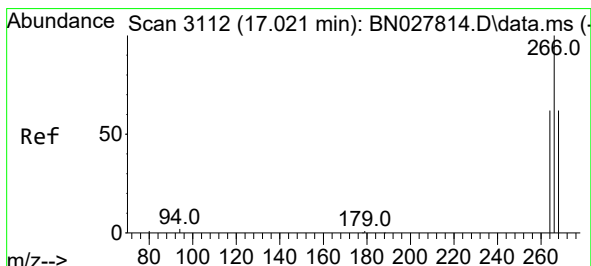
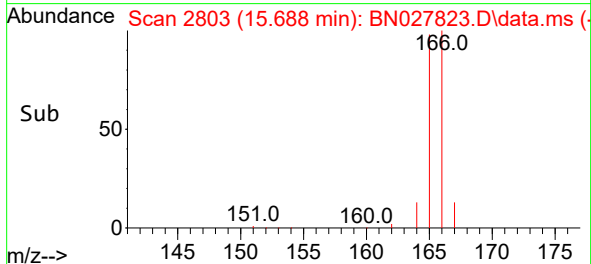
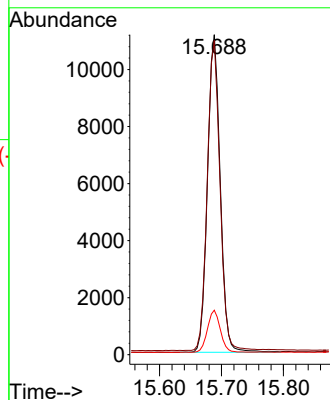
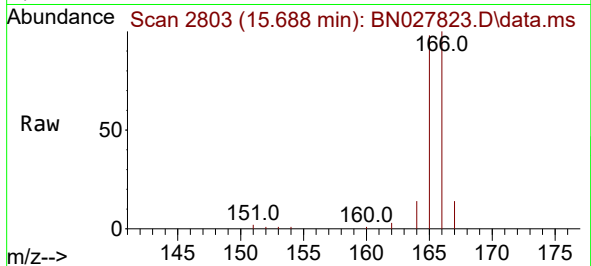




#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

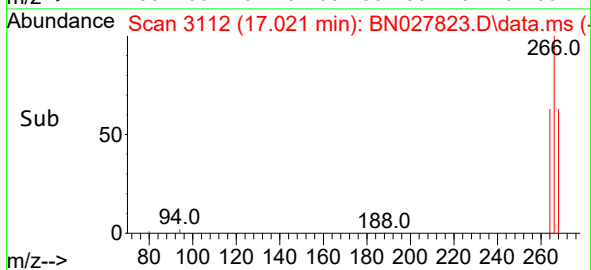
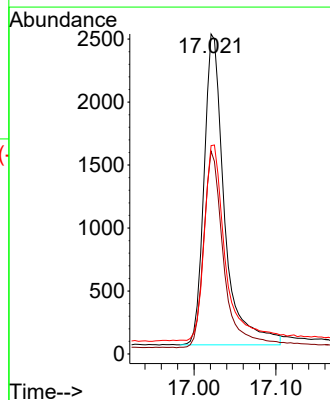
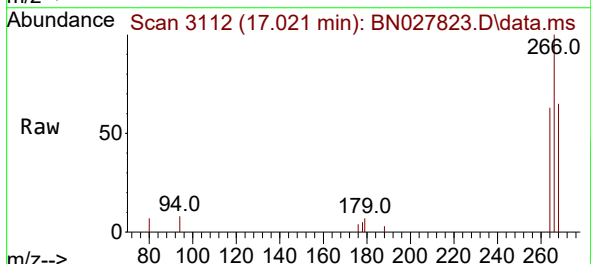
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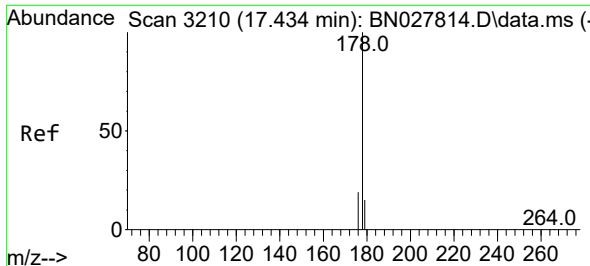
Tgt Ion:166 Resp: 15862
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 13.9 11.4 17.2



#14
Pentachlorophenol
Concen: 0.752 ng/ul
RT: 17.021 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:266 Resp: 4272
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 64.9 50.7 76.1

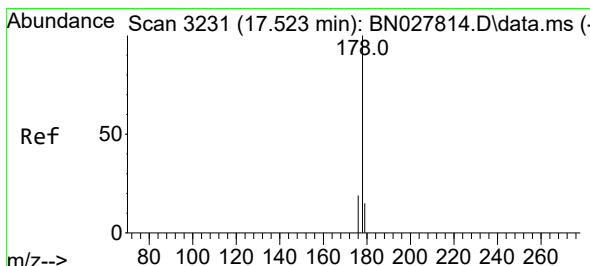
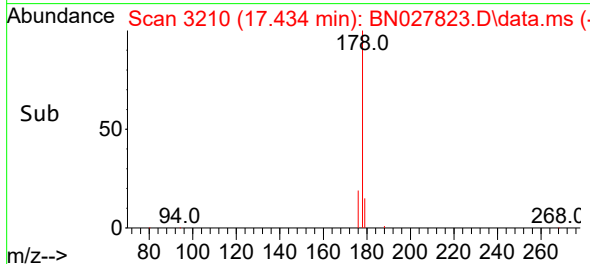
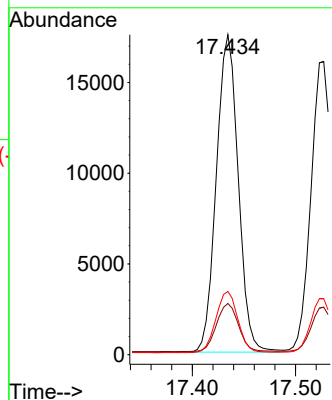
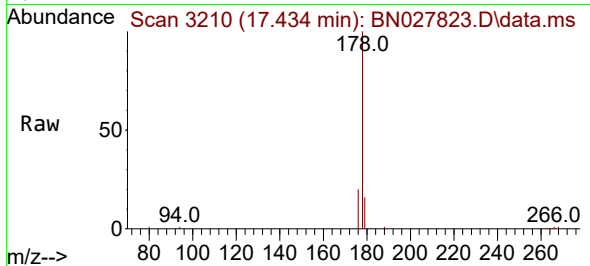




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

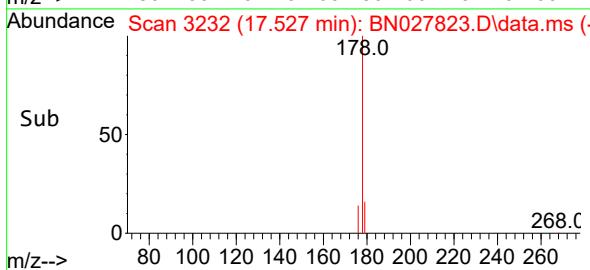
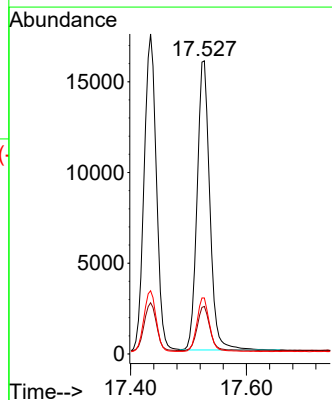
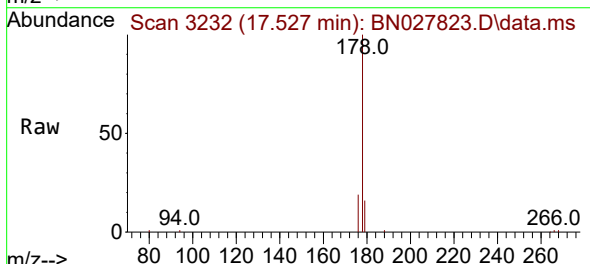
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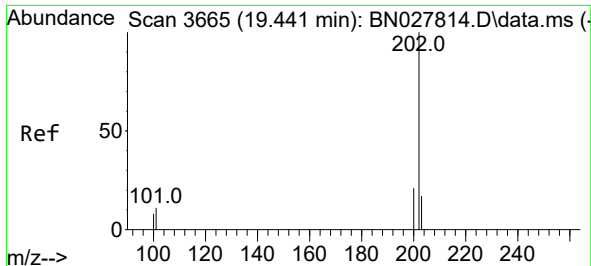
Tgt Ion:178 Resp: 25742
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.379 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:178 Resp: 24234
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.1 15.5 23.3

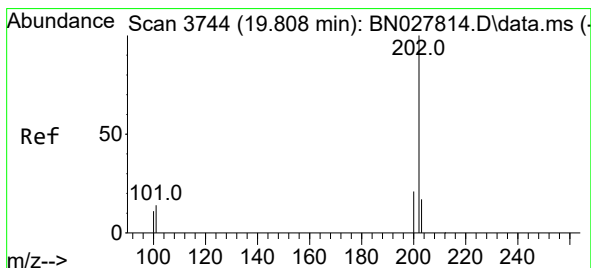
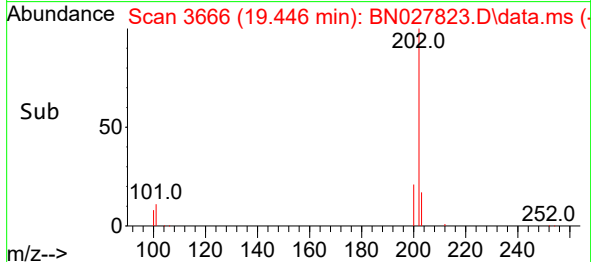
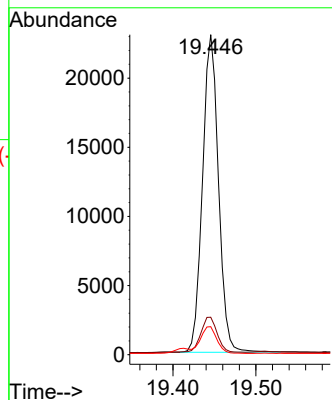
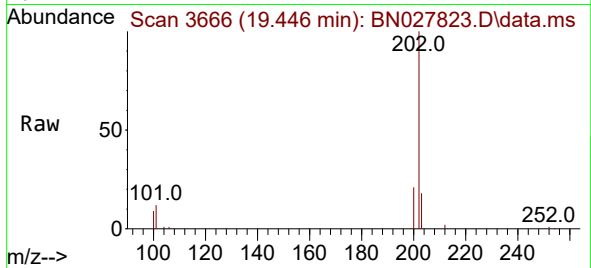




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

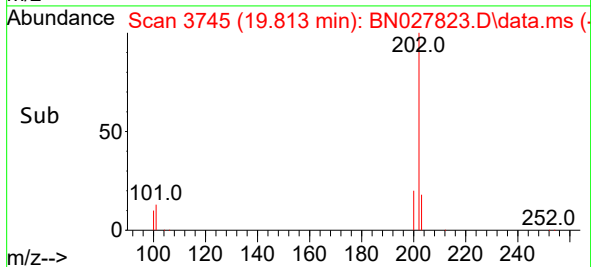
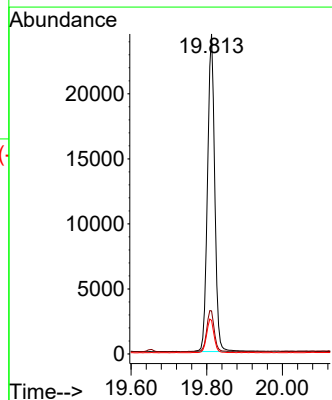
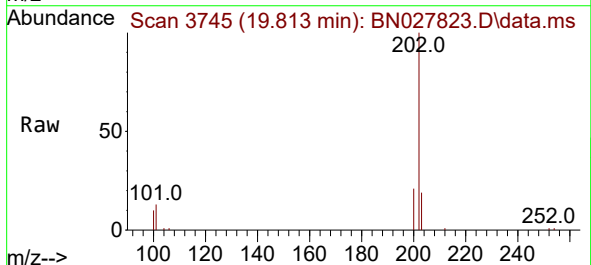
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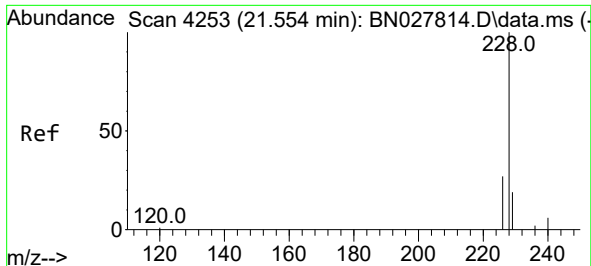
Tgt Ion:202 Resp: 30781
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 8.8 7.0 10.4



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:202 Resp: 32260
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.5 9.1 13.7

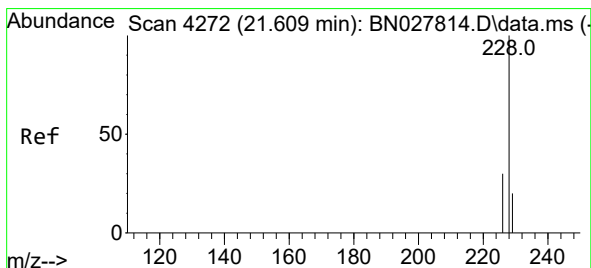
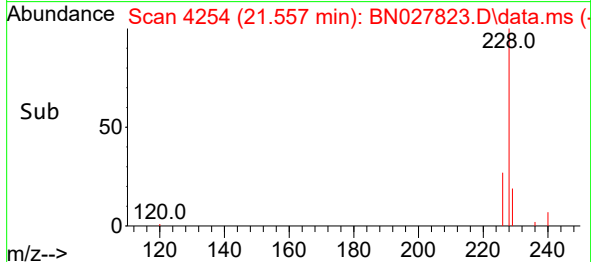
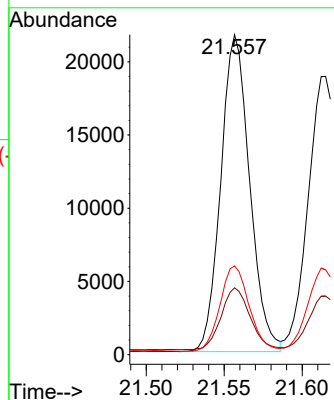
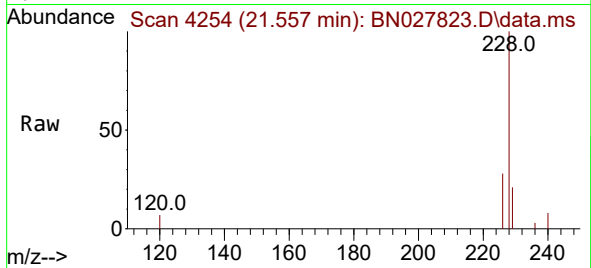




#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.557 min Scan# 4253
Delta R.T. 0.003 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

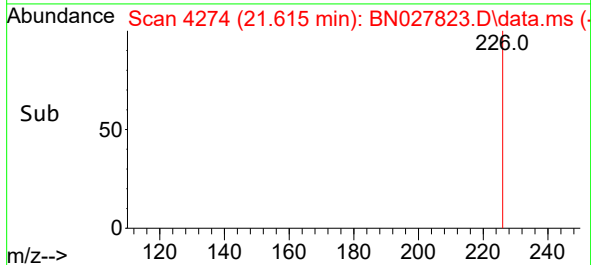
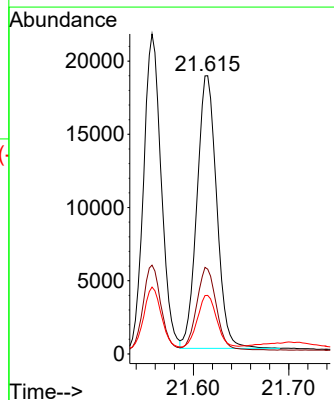
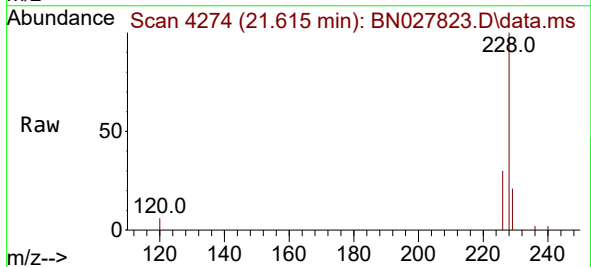
Instrument :
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ClientSampleId :
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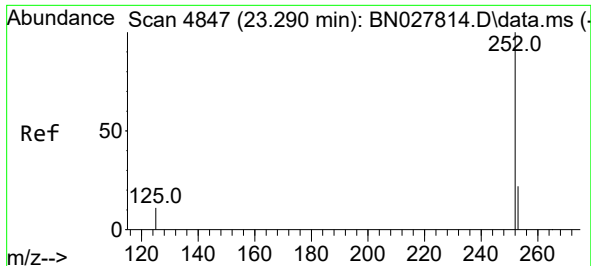
Tgt Ion:228 Resp: 27923
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. 0.006 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:228 Resp: 26747
Ion Ratio Lower Upper
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226 30.5 24.5 36.7
229 21.0 16.0 24.0

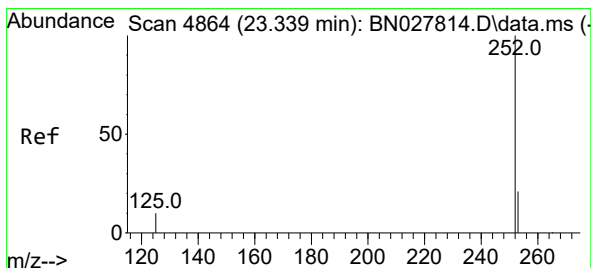
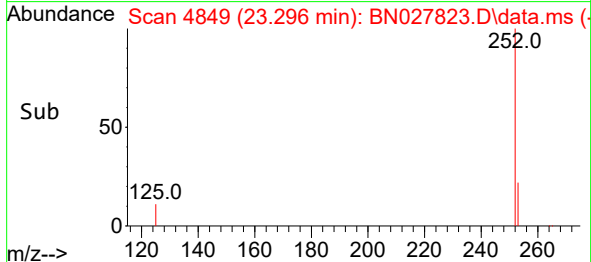
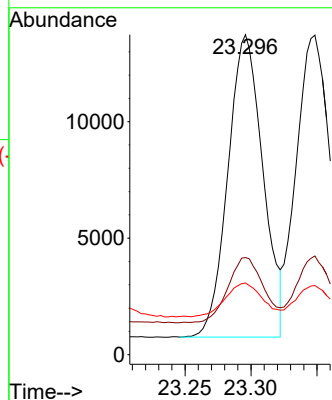
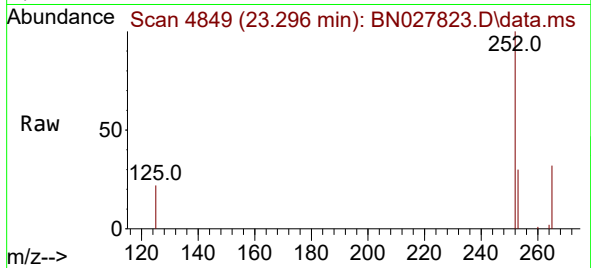




#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul
RT: 23.296 min Scan# 4847
Delta R.T. 0.006 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

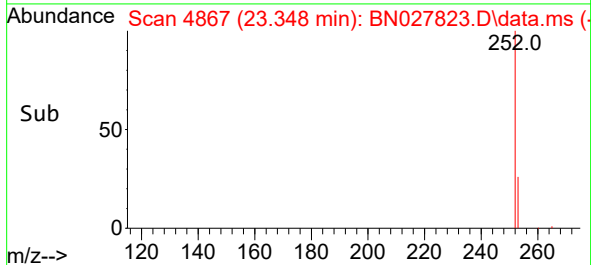
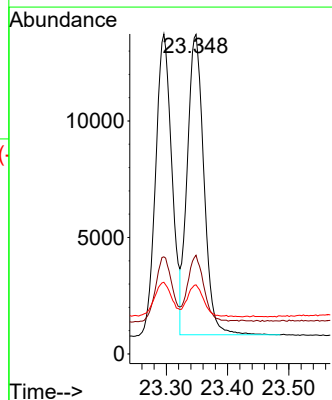
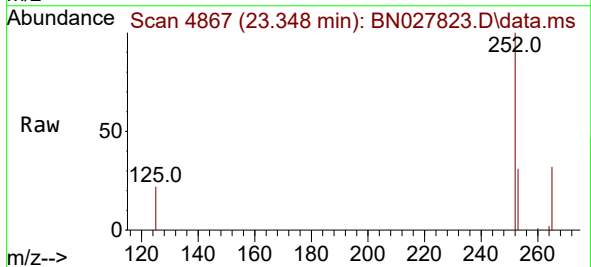
Instrument :
BNA_N
ClientSampleId :
SLCS580

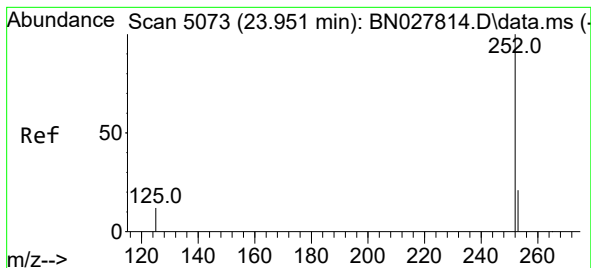
Tgt Ion:252 Resp: 23971
Ion Ratio Lower Upper
252 100
253 30.4 0.0 50.2
125 22.4 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.348 min Scan# 4867
Delta R.T. 0.006 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:252 Resp: 24251
Ion Ratio Lower Upper
252 100
253 30.9 19.9 29.9#
125 21.6 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.328 ng/ul

RT: 23.956 min Scan# 5073

Delta R.T. 0.006 min

Lab File: BN027823.D

Acq: 22 Sep 2023 13:35

Instrument :

BNA_N

ClientSampleId :

SLCS580

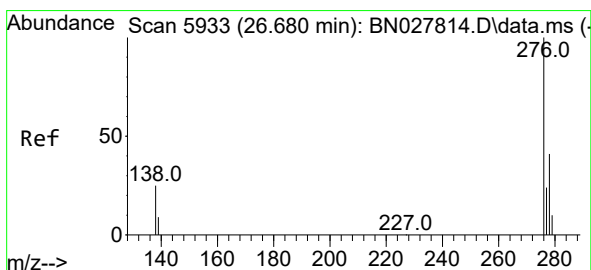
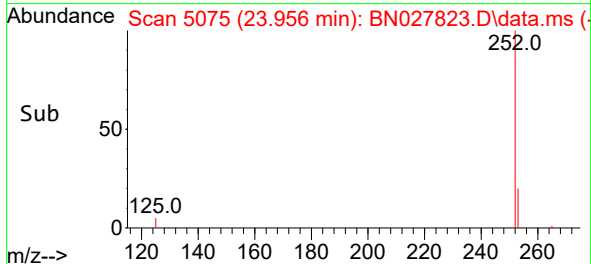
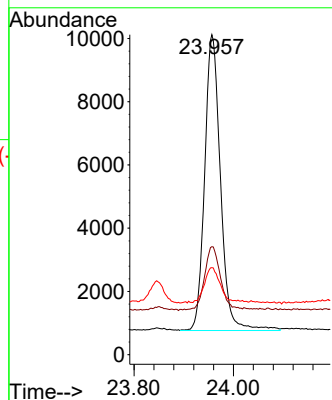
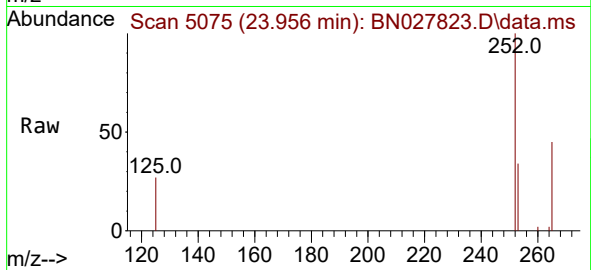
Tgt Ion:252 Resp: 20679

Ion Ratio Lower Upper

252 100

253 33.7 21.9 32.9#

125 27.2 15.5 23.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.305 ng/ul

RT: 26.696 min Scan# 5938

Delta R.T. 0.014 min

Lab File: BN027823.D

Acq: 22 Sep 2023 13:35

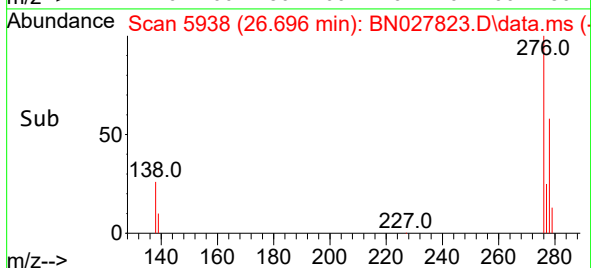
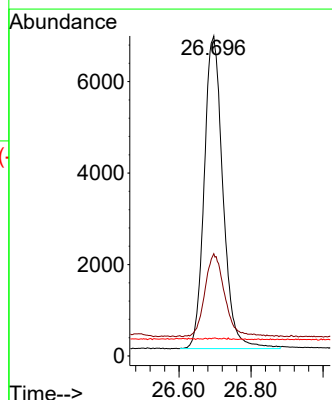
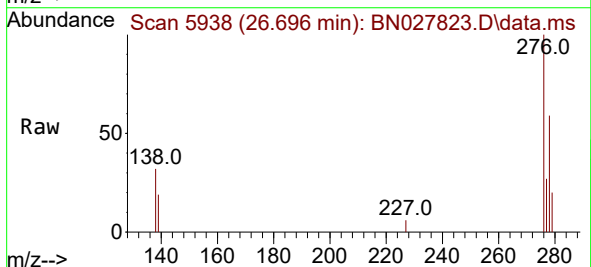
Tgt Ion:276 Resp: 24643

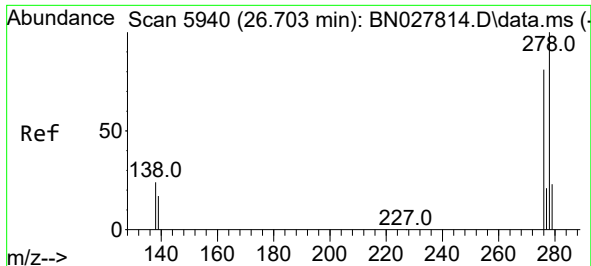
Ion Ratio Lower Upper

276 100

138 28.0 24.3 36.5

227 0.2 0.0 0.0#

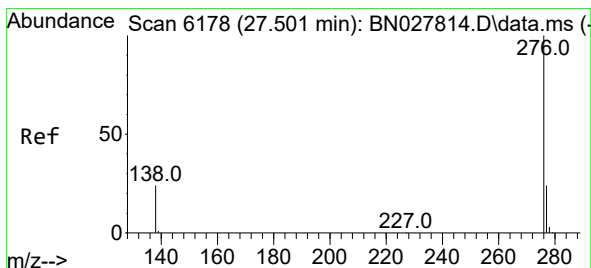
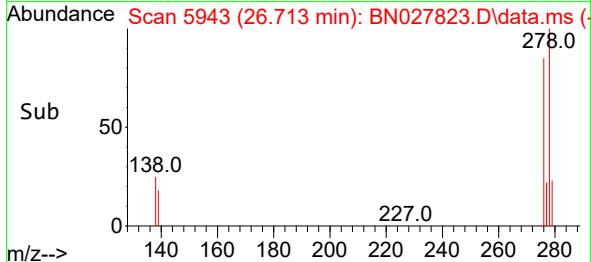
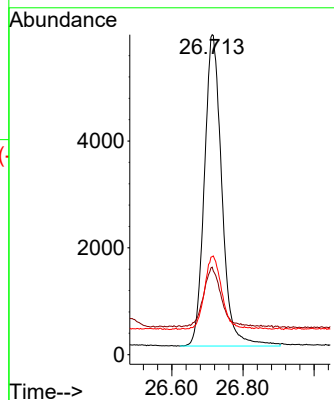
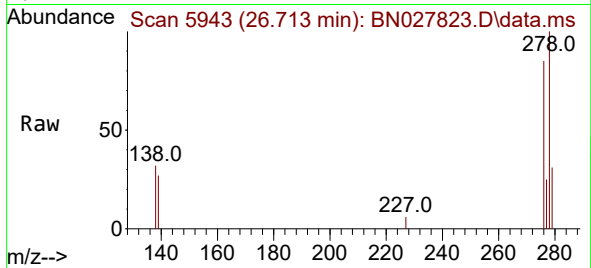




#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 26.713 min Scan# 5943
Delta R.T. 0.007 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Instrument :
BNA_N
ClientSampleId :
SLCS580

Tgt Ion:278 Resp: 19898
Ion Ratio Lower Upper
278 100
139 27.4 17.2 25.8#
279 30.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027823.D
Acq: 22 Sep 2023 13:35

Tgt Ion:276 Resp: 20414
Ion Ratio Lower Upper
276 100
138 29.5 21.7 32.5
277 26.8 20.2 30.2

