

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027400.D
 Acq On : 06 Sep 2023 07:49
 Operator : MA/JU
 Sample : PB155237BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS237

Quant Time: Sep 06 08:18:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

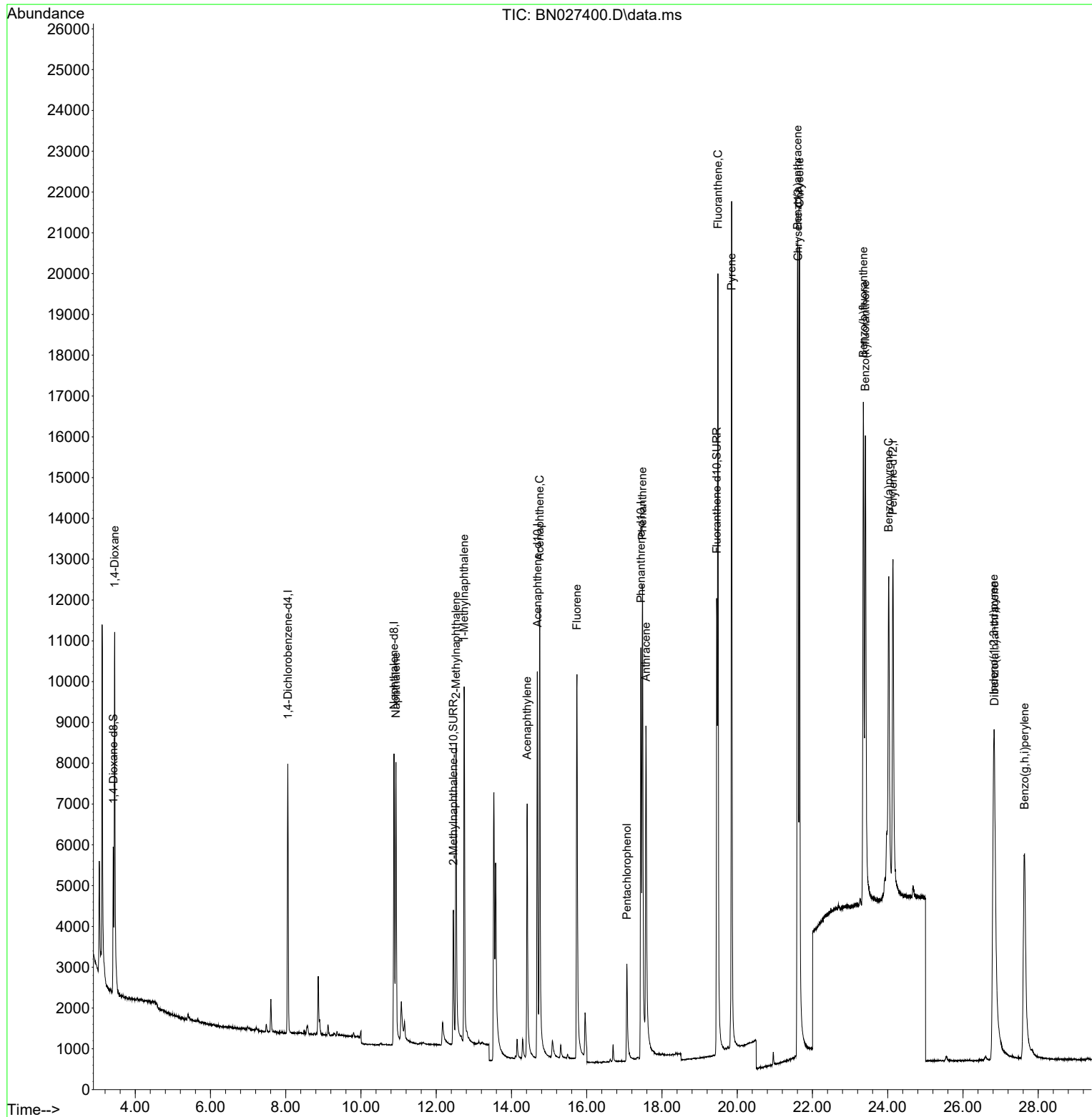
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	3390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	11133	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	6369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.439	188	15084	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	14804	0.400	ng/ul	0.00
23) Perylene-d12	24.141	264	13731	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	2769	0.614	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	5111	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	14360	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	6697	1.468	ng/ul	89
5) Naphthalene	10.927	128	10229	0.317	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	6138	0.304	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	6590	0.306	ng/ul	99
10) Acenaphthylene	14.416	152	9388	0.322	ng/ul	98
11) Acenaphthene	14.749	153	7870	0.314	ng/ul	99
12) Fluorene	15.739	166	8806	0.313	ng/ul	99
14) Pentachlorophenol	17.067	266	2217	0.754	ng/ul	100
15) Phenanthrene	17.481	178	15095	0.307	ng/ul	99
16) Anthracene	17.574	178	12412	0.318	ng/ul	99
19) Fluoranthene	19.487	202	18884	0.277	ng/ul	100
20) Pyrene	19.850	202	20022	0.289	ng/ul	99
21) Benzo(a)anthracene	21.600	228	16939	0.318	ng/ul	99
22) Chrysene	21.656	228	19277	0.310	ng/ul	99
24) Benzo(b)fluoranthene	23.351	252	18959	0.292	ng/ul	97
25) Benzo(k)fluoranthene	23.407	252	19759	0.312	ng/ul	97
26) Benzo(a)pyrene	24.027	252	15531	0.307	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.817	276	17647	0.314	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.837	278	13514	0.314	ng/ul	98
29) Benzo(g,h,i)perylene	27.636	276	16344	0.322	ng/ul	99

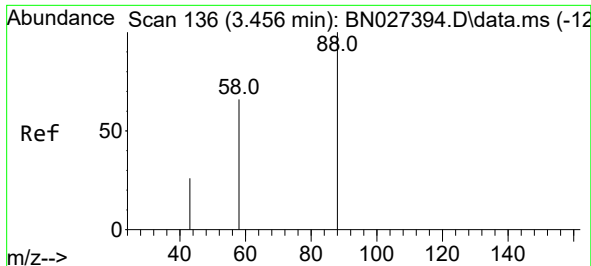
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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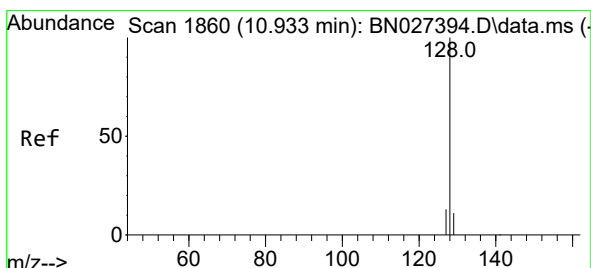
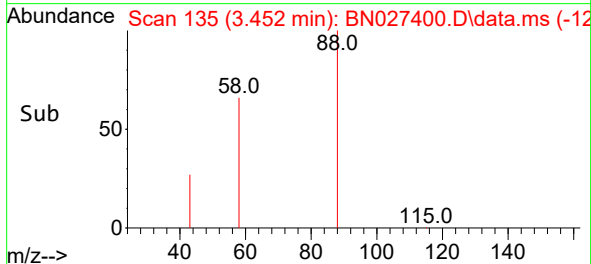
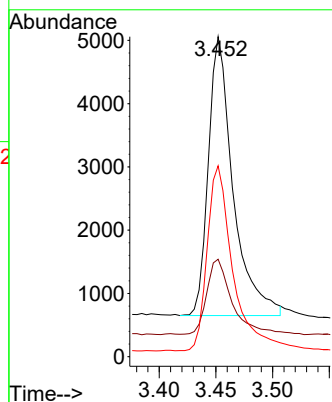
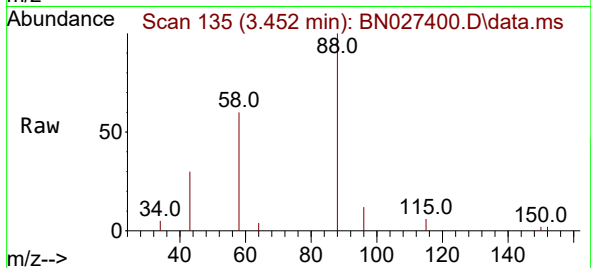




#2
1,4-Dioxane
Concen: 1.468 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

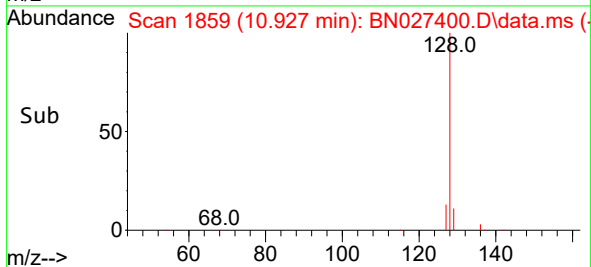
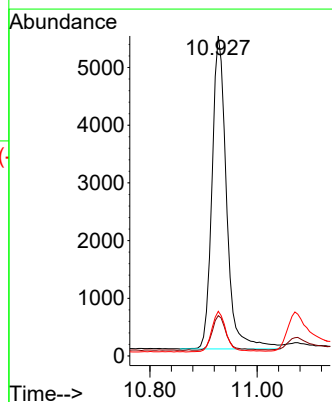
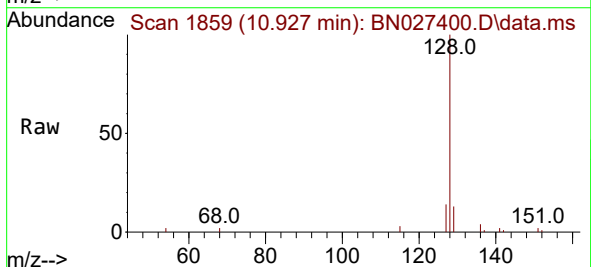
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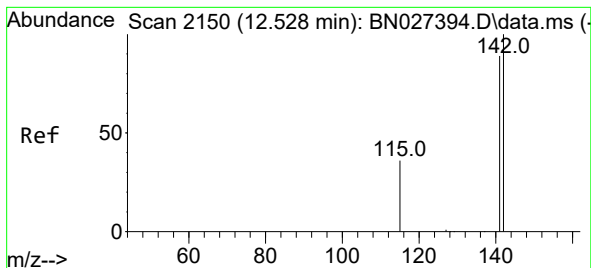
Tgt Ion: 88 Resp: 6697
Ion Ratio Lower Upper
88 100
43 30.4 26.8 40.2
58 59.7 39.9 59.9



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion: 128 Resp: 10229
Ion Ratio Lower Upper
128 100
129 12.6 9.4 14.0
127 14.0 10.6 16.0

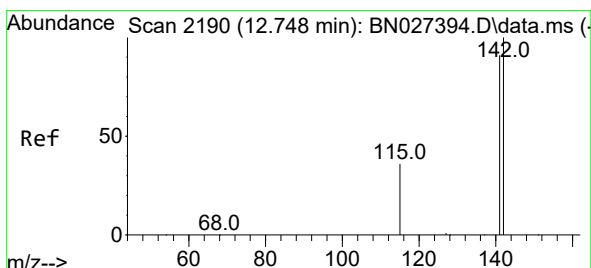
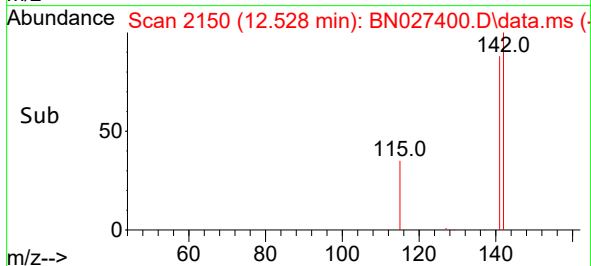
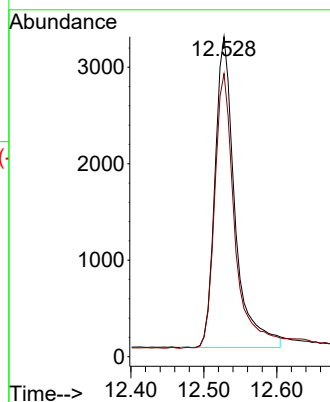
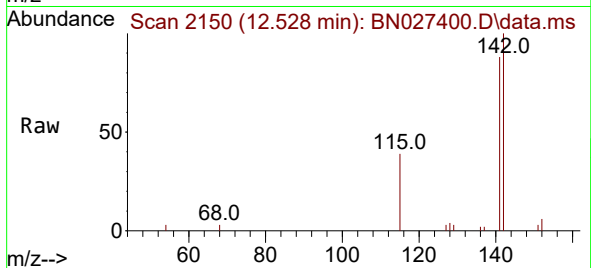




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

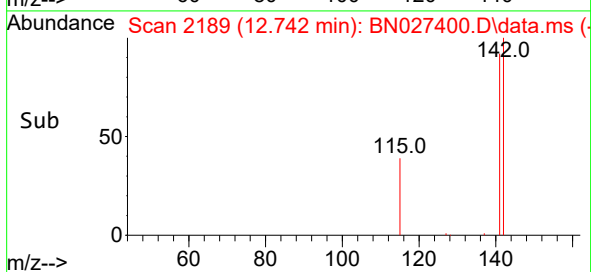
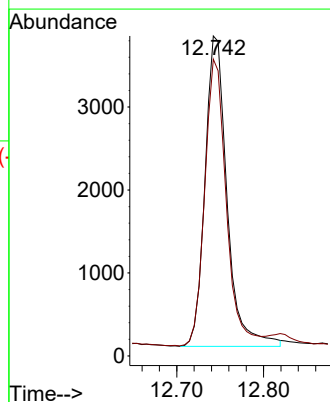
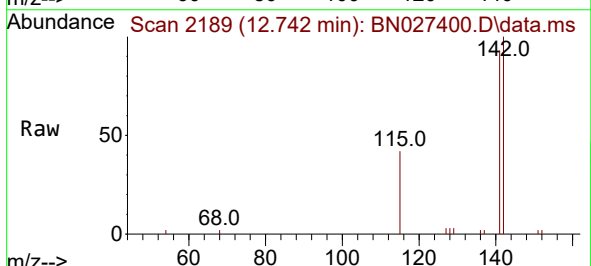
Instrument :
BNA_N
ClientSampleId :
SLCS237

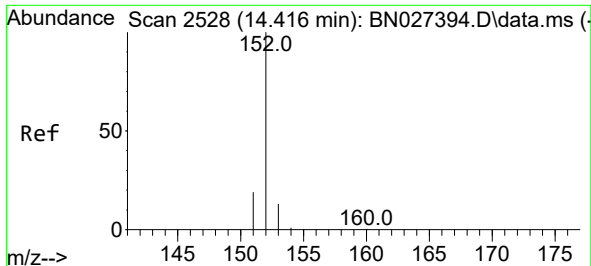
Tgt Ion:142 Resp: 6138
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion:142 Resp: 6590
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4

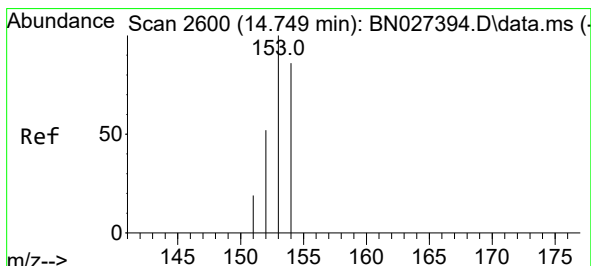
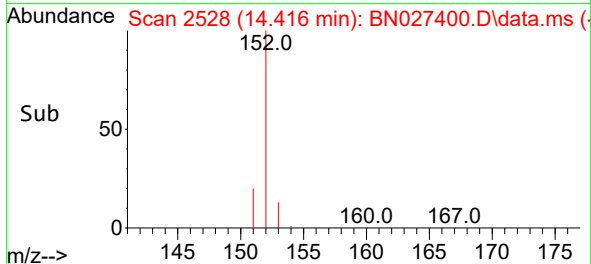
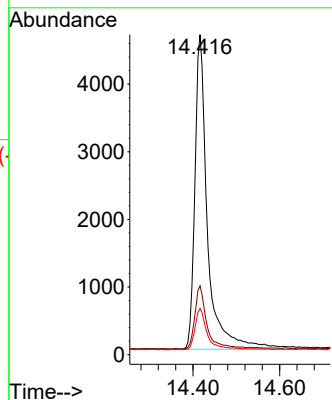
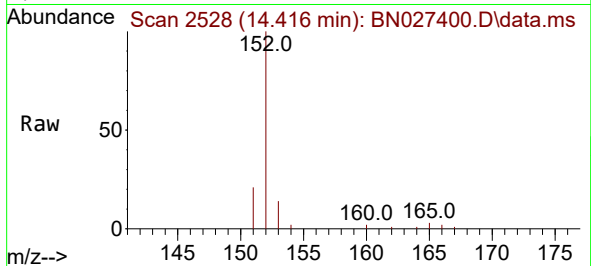




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

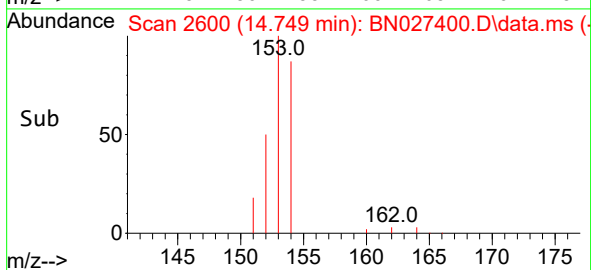
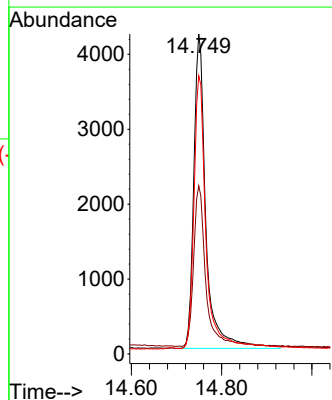
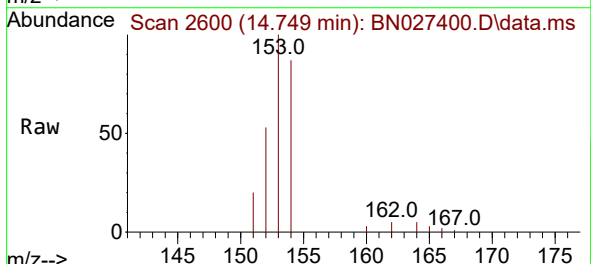
Instrument :
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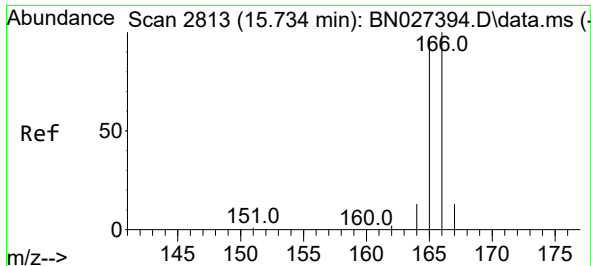
Tgt Ion:152 Resp: 9388
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.4 11.1 16.7



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion:153 Resp: 7870
Ion Ratio Lower Upper
153 100
152 52.6 42.9 64.3
154 87.0 69.4 104.0

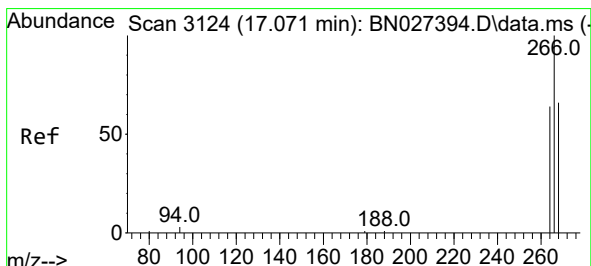
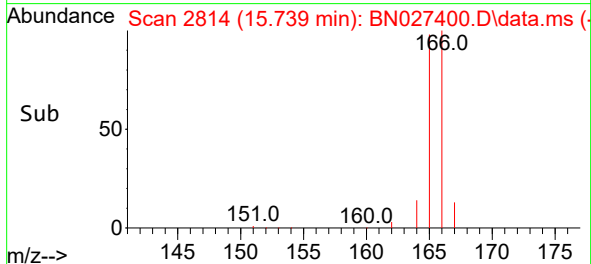
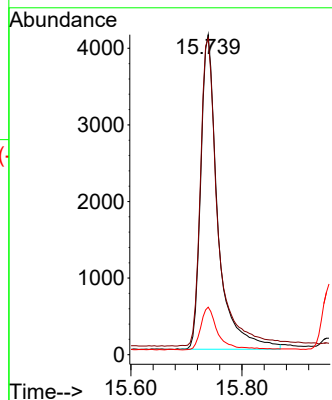
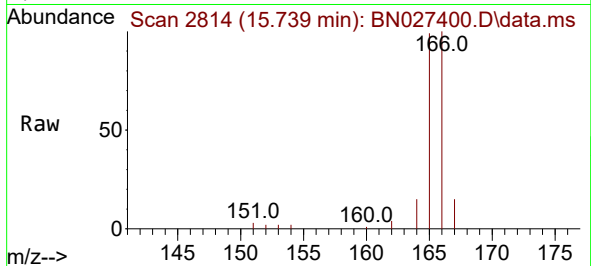




#12
 Fluorene
 Concen: 0.313 ng/ul
 RT: 15.739 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN027400.D
 Acq: 06 Sep 2023 07:49

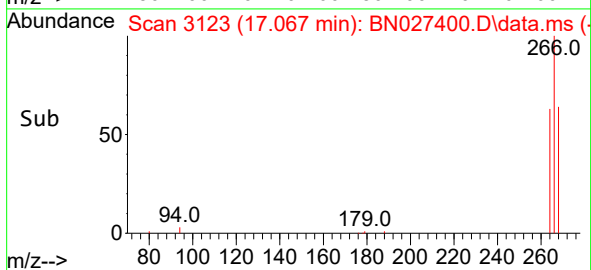
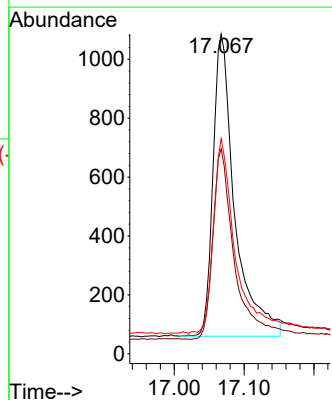
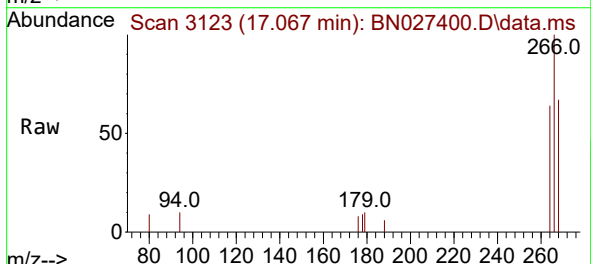
Instrument :
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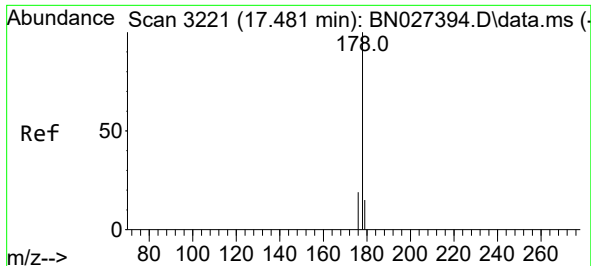
Tgt Ion:166 Resp: 8806
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.6 119.4
 167 14.9 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.754 ng/ul
 RT: 17.067 min Scan# 3123
 Delta R.T. 0.000 min
 Lab File: BN027400.D
 Acq: 06 Sep 2023 07:49

Tgt Ion:266 Resp: 2217
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.4 75.6
 268 64.4 51.9 77.9

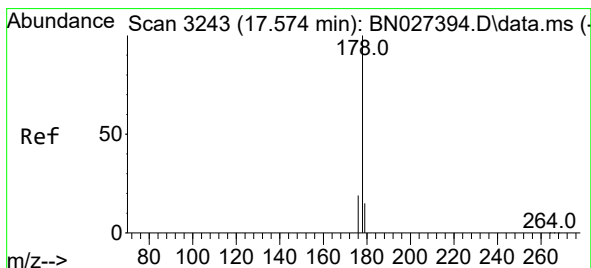
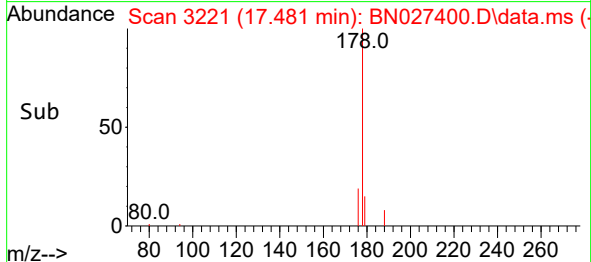
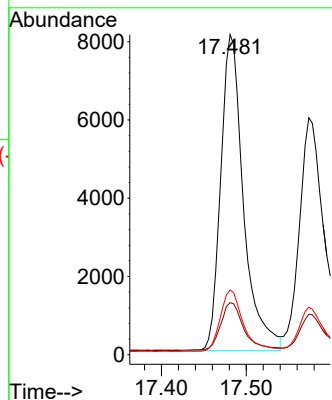
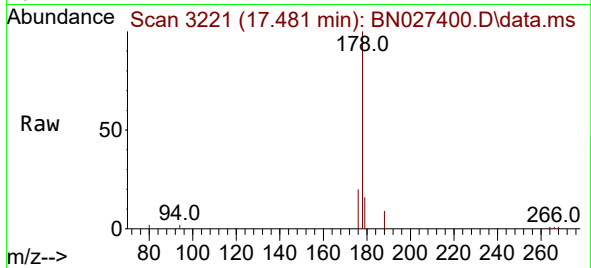




#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 17.481 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

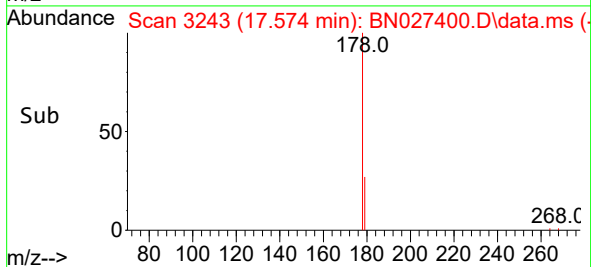
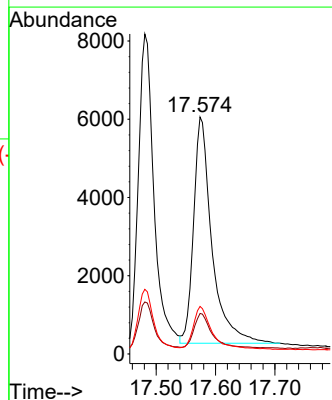
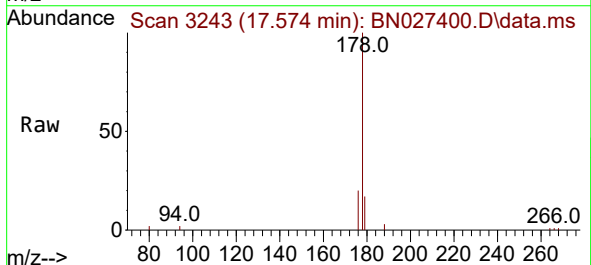
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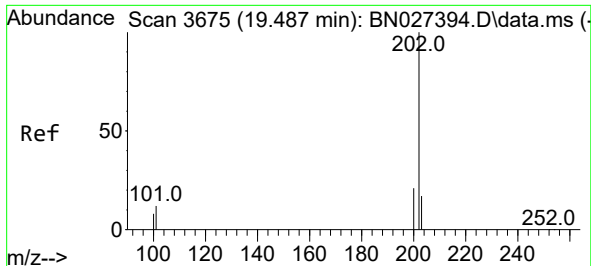
Tgt Ion:178 Resp: 15095
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.2 15.8 23.8



#16
Anthracene
Concen: 0.318 ng/ul
RT: 17.574 min Scan# 3243
Delta R.T. 0.000 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion:178 Resp: 12412
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 20.1 15.6 23.4

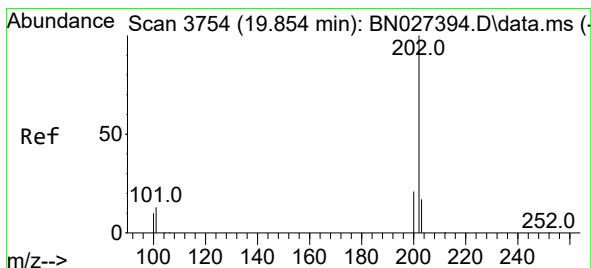
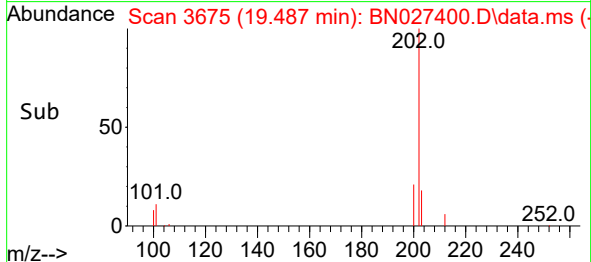
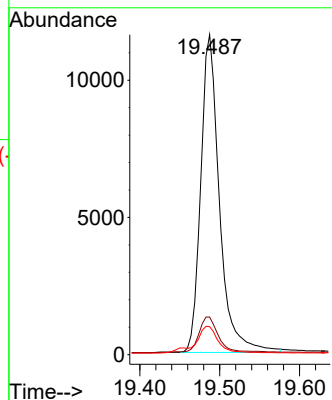
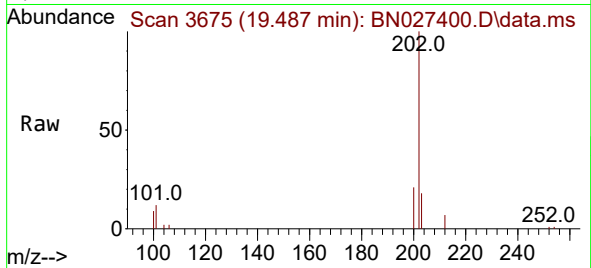




#19
Fluoranthene
Concen: 0.277 ng/ul
RT: 19.487 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

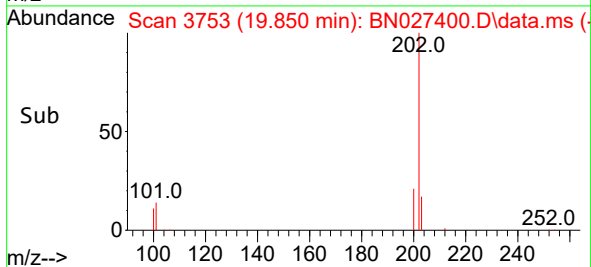
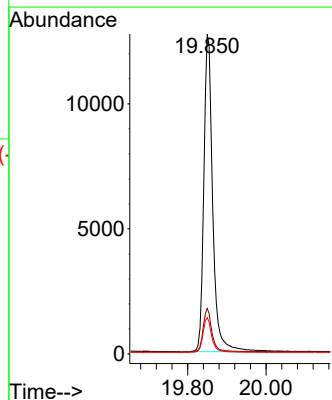
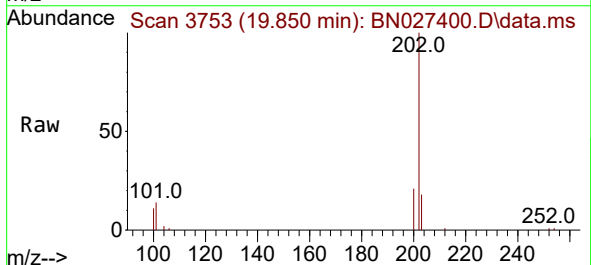
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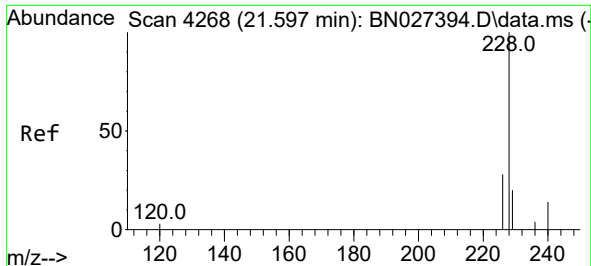
Tgt Ion:202 Resp: 18884
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.0
100 8.8 6.9 10.3



#20
Pyrene
Concen: 0.289 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

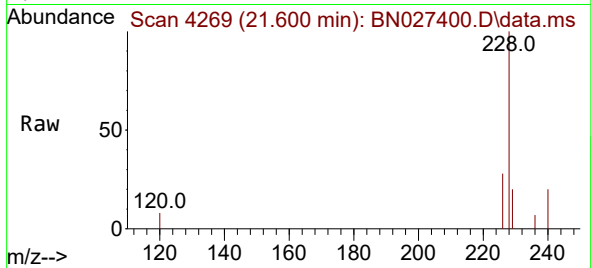
Tgt Ion:202 Resp: 20022
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.2
100 11.4 9.4 14.2



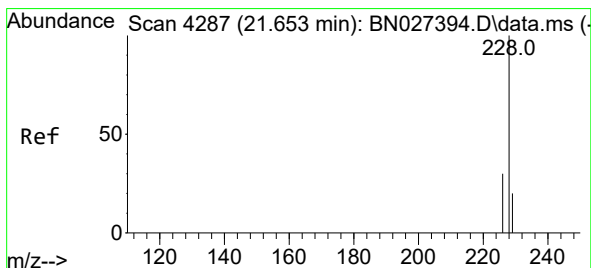
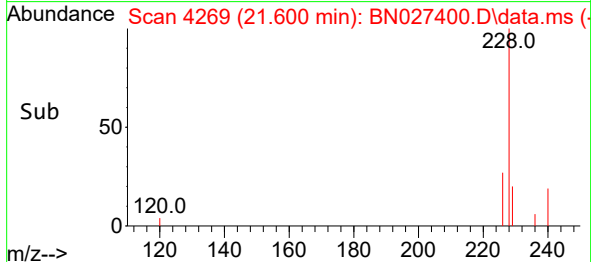
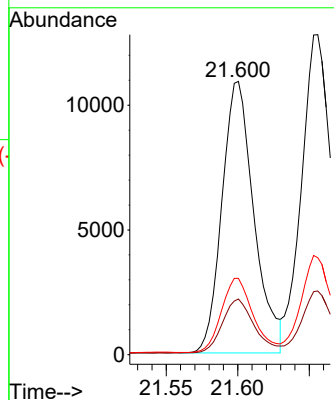


#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.600 min Scan# 4269
Delta R.T. 0.009 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Instrument :
BNA_N
ClientSampleId :
SLCS237

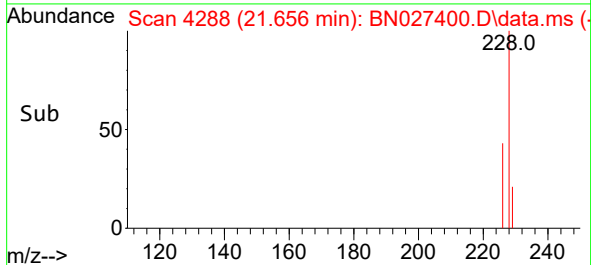
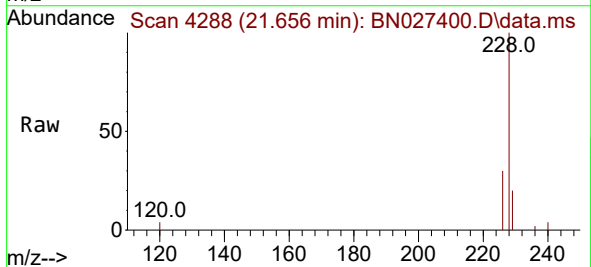
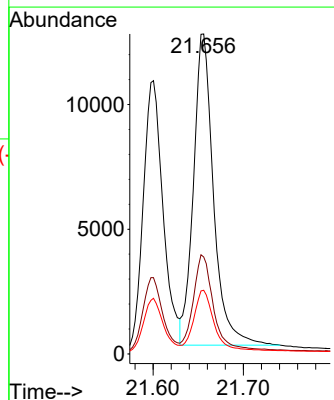


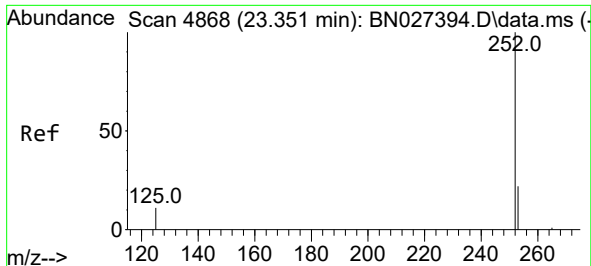
Tgt Ion:228 Resp: 16939
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.0 22.0 33.0



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.656 min Scan# 4288
Delta R.T. 0.009 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion:228 Resp: 19277
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.9 15.6 23.4

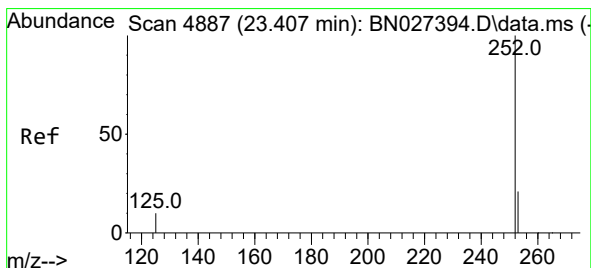
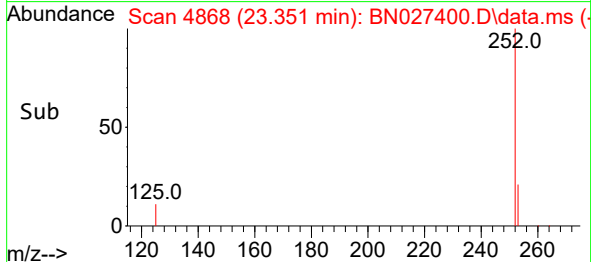
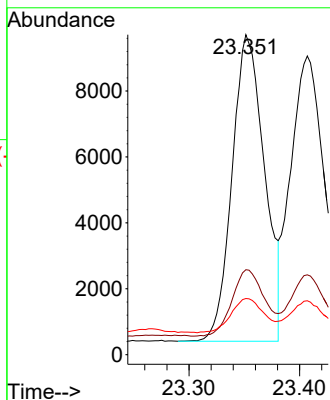
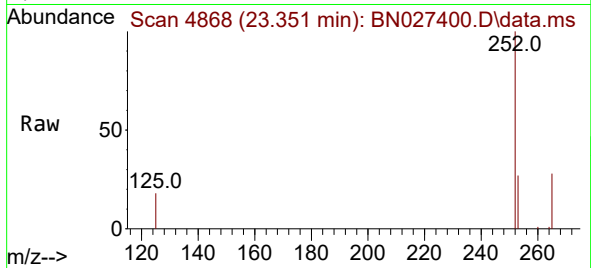




#24
Benzo(b)fluoranthene
Concen: 0.292 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. 0.006 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

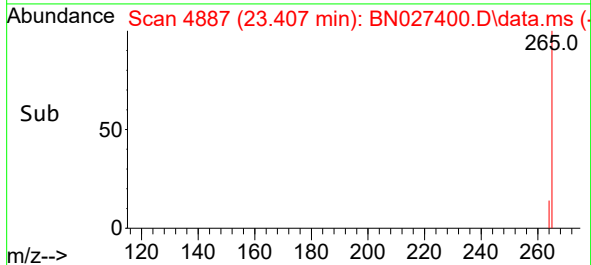
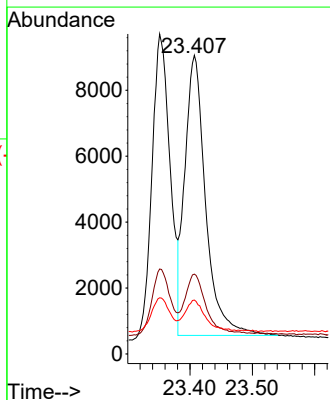
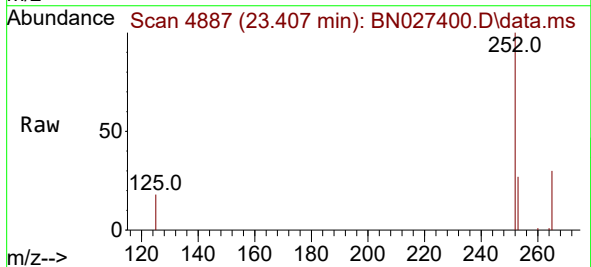
Instrument :
BNA_N
ClientSampleId :
SLCS237

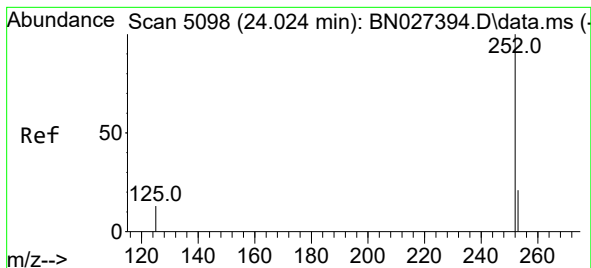
Tgt Ion:252 Resp: 18959
Ion Ratio Lower Upper
252 100
253 26.5 0.0 49.6
125 17.5 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.407 min Scan# 4887
Delta R.T. 0.009 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion:252 Resp: 19759
Ion Ratio Lower Upper
252 100
253 26.7 19.9 29.9
125 18.1 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.307 ng/ul

RT: 24.027 min Scan# 5099

Delta R.T. 0.009 min

Lab File: BN027400.D

Acq: 06 Sep 2023 07:49

Instrument :

BNA_N

ClientSampleId :

SLCS237

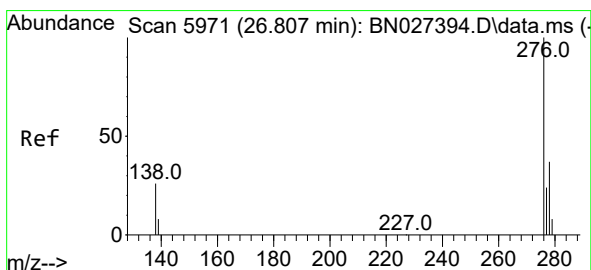
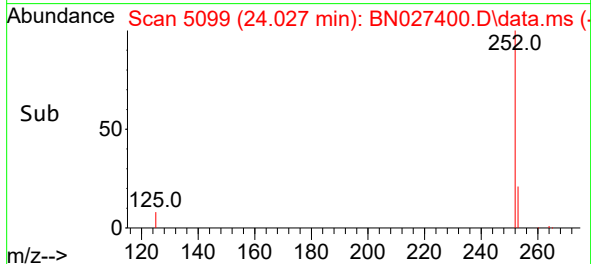
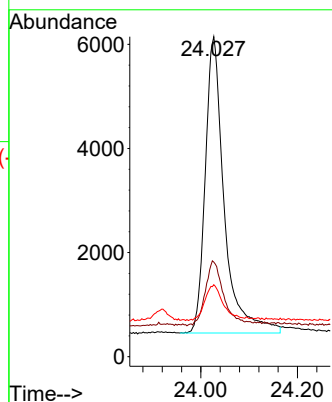
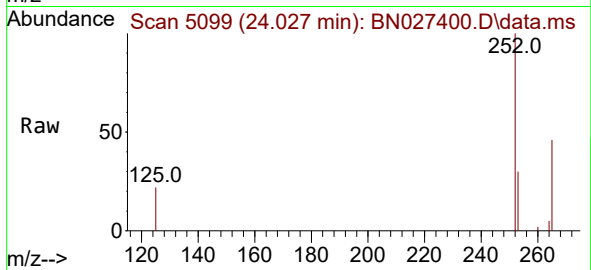
Tgt Ion:252 Resp: 15531

Ion Ratio Lower Upper

252 100

253 29.5 22.4 33.6

125 22.5 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.314 ng/ul

RT: 26.817 min Scan# 5974

Delta R.T. 0.017 min

Lab File: BN027400.D

Acq: 06 Sep 2023 07:49

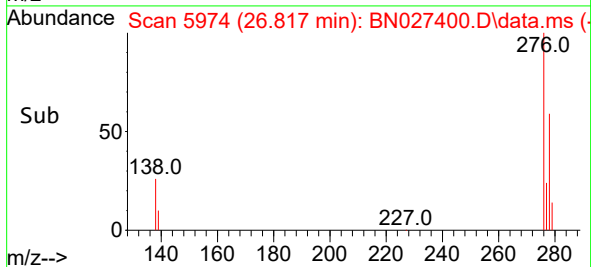
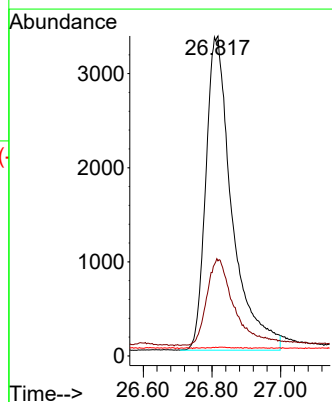
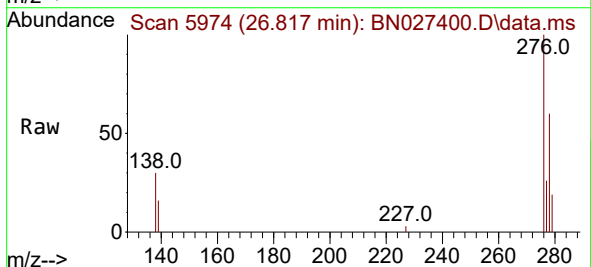
Tgt Ion:276 Resp: 17647

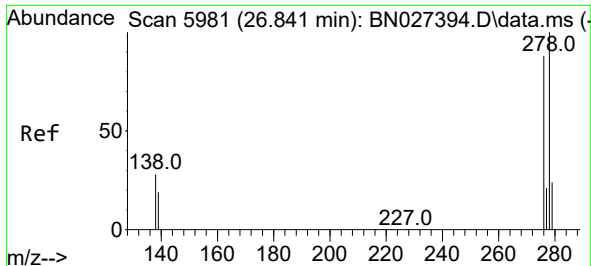
Ion Ratio Lower Upper

276 100

138 0.0 23.9 35.9#

227 0.1 0.1 0.1

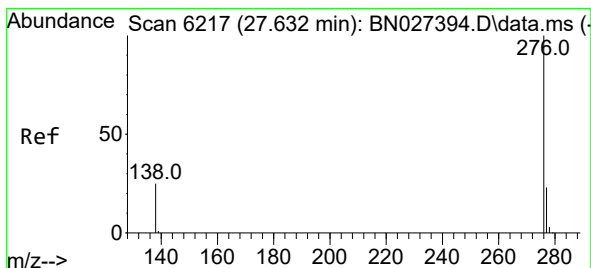
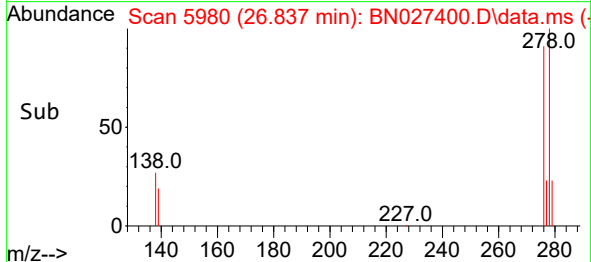
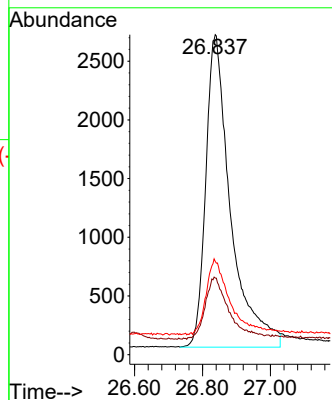
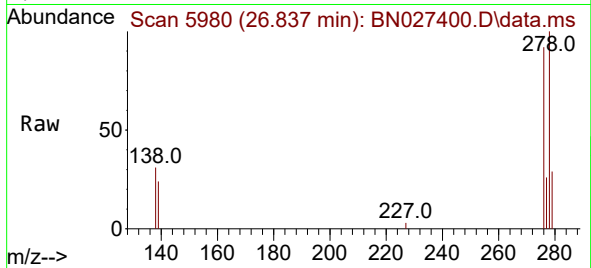




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.837 min Scan# 5981
Delta R.T. 0.004 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Instrument :
BNA_N
ClientSampleId :
SLCS237

Tgt Ion:278 Resp: 13514
Ion Ratio Lower Upper
278 100
139 24.0 18.0 27.0
279 29.2 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.322 ng/ul
RT: 27.636 min Scan# 6218
Delta R.T. 0.007 min
Lab File: BN027400.D
Acq: 06 Sep 2023 07:49

Tgt Ion:276 Resp: 16344
Ion Ratio Lower Upper
276 100
138 27.5 22.1 33.1
277 25.9 20.2 30.4

