

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027067.D
 Acq On : 23 Aug 2023 18:28
 Operator : MA/JU
 Sample : PB154973BS
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS973

Quant Time: Aug 24 01:39:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

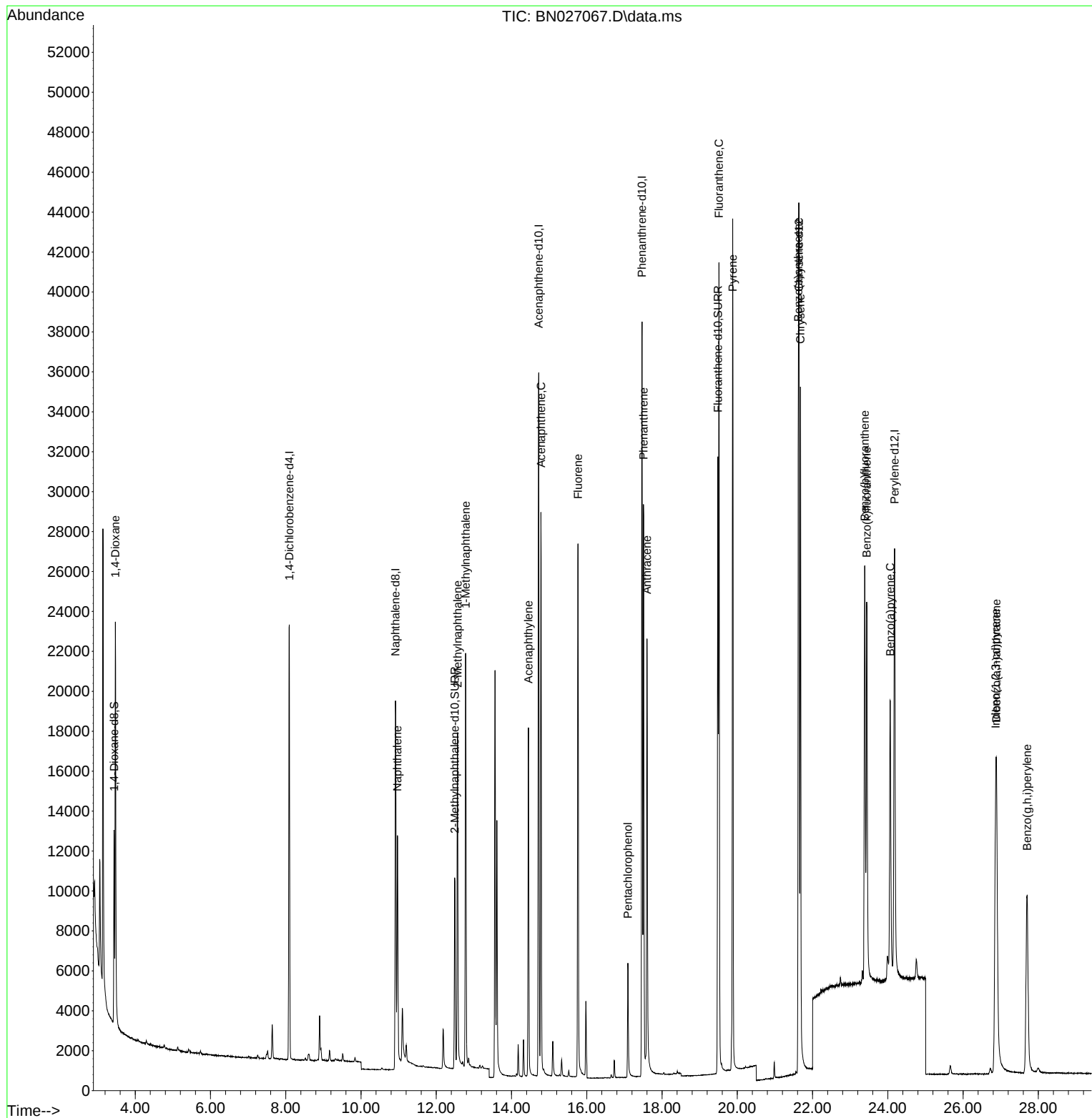
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	11256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	28908	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.721	164	20349	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	46614	0.400	ng/ul	0.00
17) Chrysene-d12	21.638	240	35993	0.400	ng/ul	0.00
23) Perylene-d12	24.179	264	34064	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	6591	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	13389	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	34401	0.303	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	14268	1.046	ng/ul#	93
5) Naphthalene	10.966	128	17006	0.208	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	12778	0.258	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	14431	0.279	ng/ul	99
10) Acenaphthylene	14.448	152	20720	0.182	ng/ul	100
11) Acenaphthene	14.782	153	16305	0.207	ng/ul	99
12) Fluorene	15.767	166	18551	0.208	ng/ul	100
14) Pentachlorophenol	17.092	266	4114	0.312	ng/ul	99
15) Phenanthrene	17.506	178	31095	0.203	ng/ul	99
16) Anthracene	17.599	178	26611	0.192	ng/ul	99
19) Fluoranthene	19.511	202	36110	0.242	ng/ul	97
20) Pyrene	19.878	202	37093	0.233	ng/ul	100
21) Benzo(a)anthracene	21.621	228	29882	0.209	ng/ul	100
22) Chrysene	21.679	228	31678	0.224	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	30916	0.240	ng/ul	96
25) Benzo(k)fluoranthene	23.439	252	30022	0.236	ng/ul#	94
26) Benzo(a)pyrene	24.065	252	25105	0.216	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.868	276	28427	0.187	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.888	278	22446	0.185	ng/ul	97
29) Benzo(g,h,i)perylene	27.703	276	23600	0.186	ng/ul	97

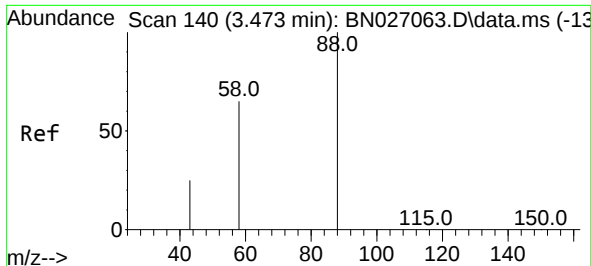
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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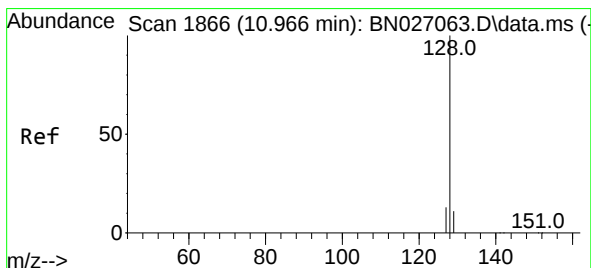
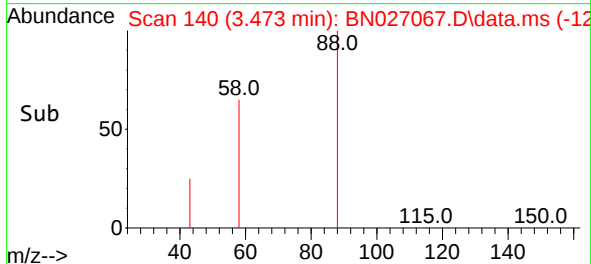
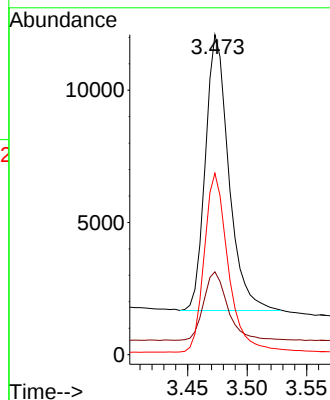
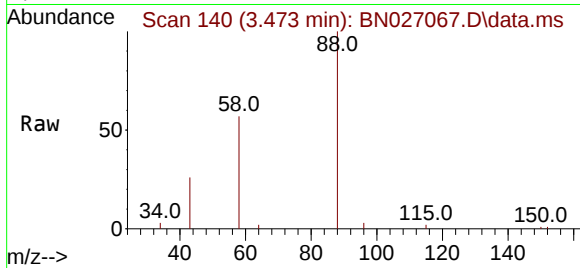




#2
1,4-Dioxane
Concen: 1.046 ng/ul
RT: 3.473 min Scan# 140
Delta R.T. -0.004 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

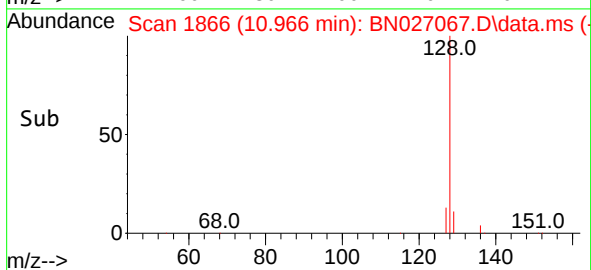
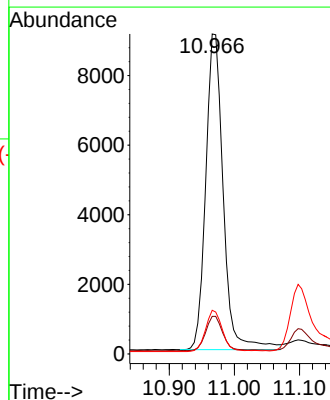
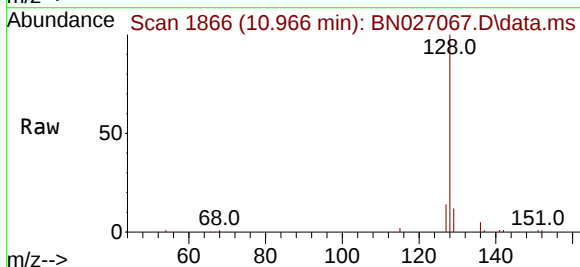
Instrument :
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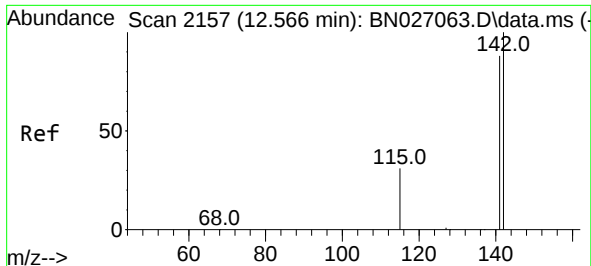
Tgt Ion: 88 Resp: 14268
Ion Ratio Lower Upper
88 100
43 25.9 28.0 42.0#
58 56.7 46.0 69.0



#5
Naphthalene
Concen: 0.208 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion: 128 Resp: 17006
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.6 10.5 15.7

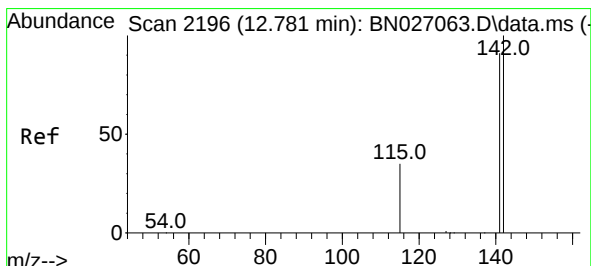
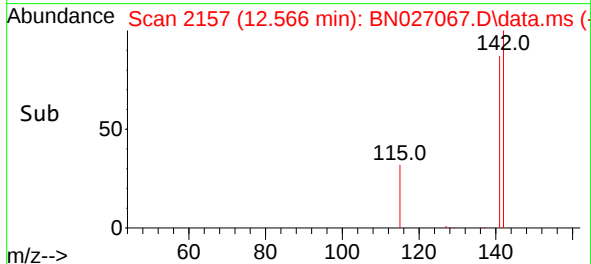
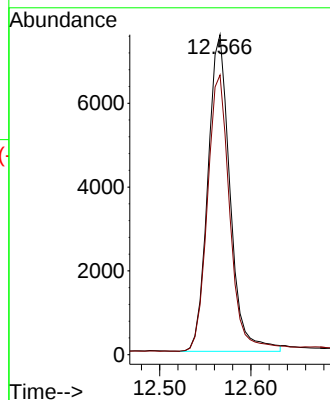
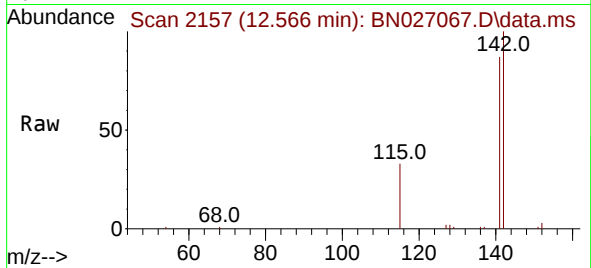




#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

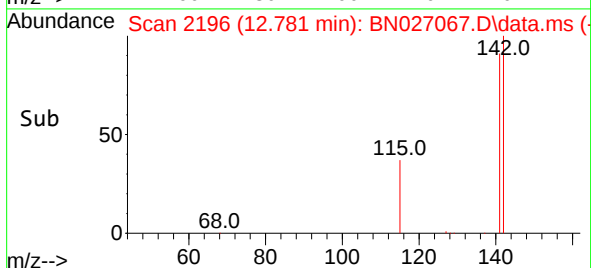
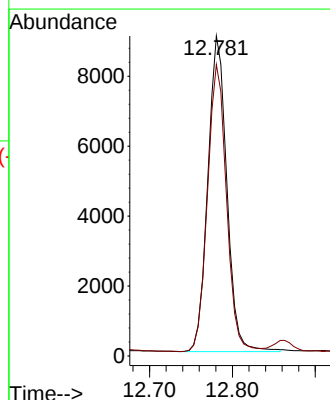
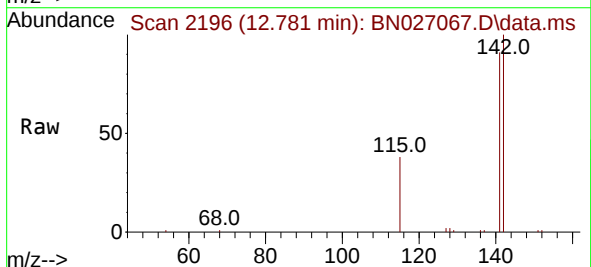
Instrument :
BNA_N
ClientSampleId :
SLCS973

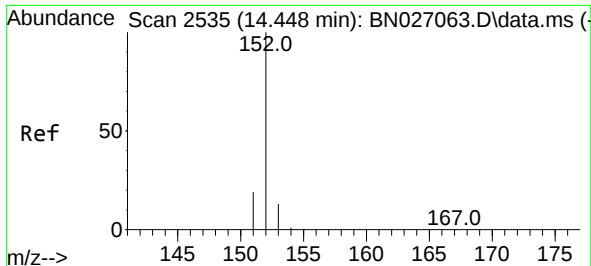
Tgt Ion:142 Resp: 12778
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:142 Resp: 14431
Ion Ratio Lower Upper
142 100
141 90.7 73.2 109.8

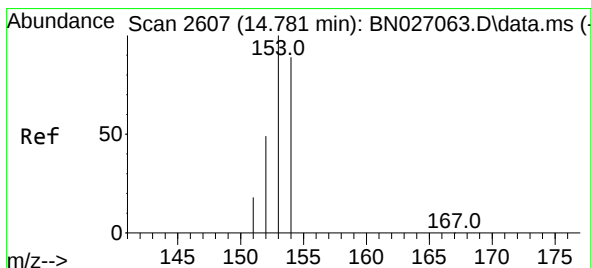
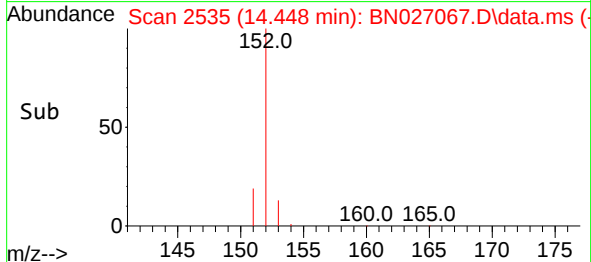
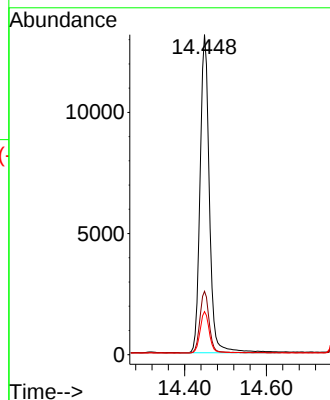
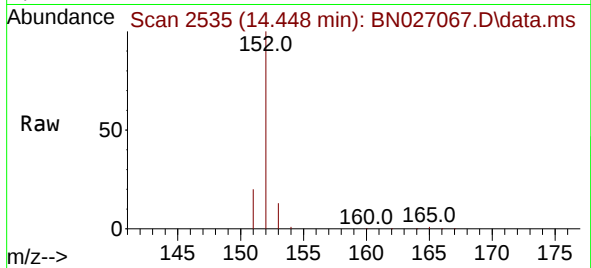




#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

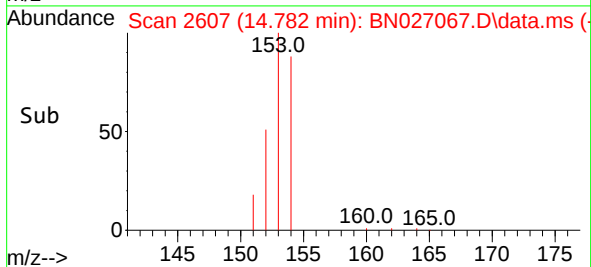
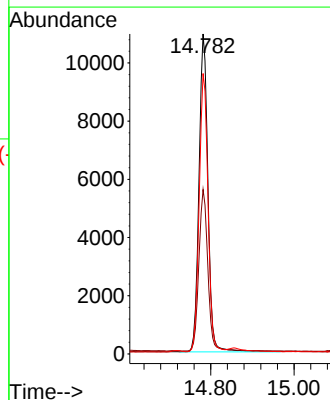
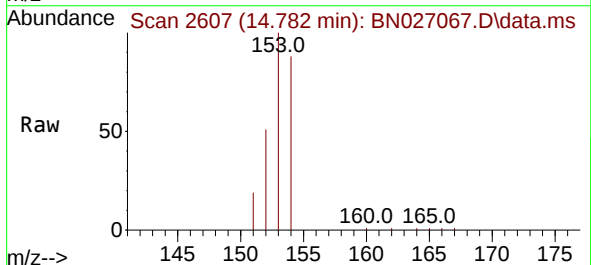
Instrument :
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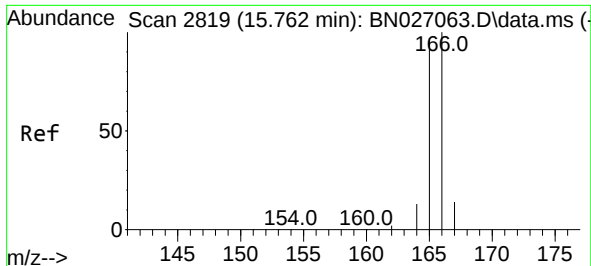
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.5	11.0	16.6



#11
Acenaphthene
Concen: 0.207 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.4	41.1	61.7
154	87.7	71.6	107.4

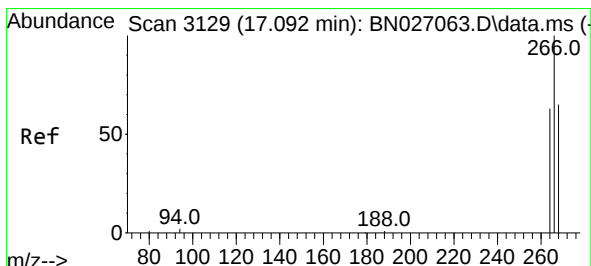
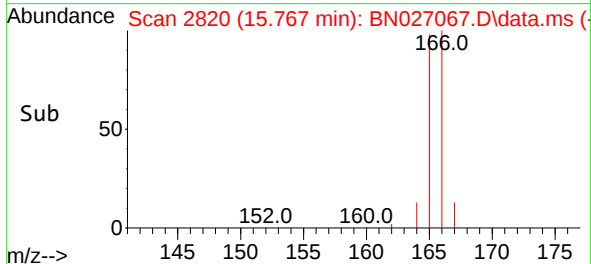
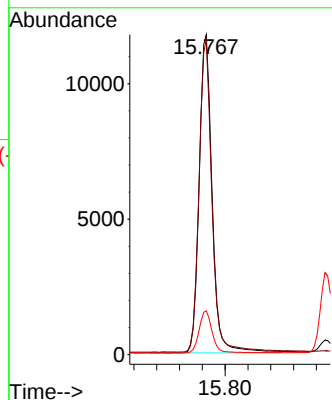
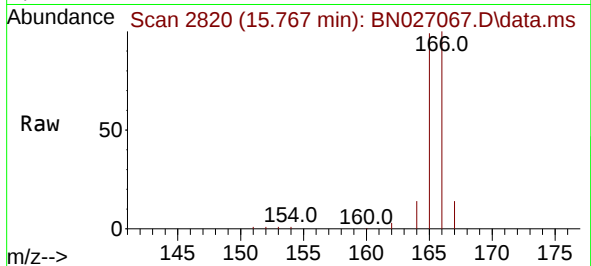




#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.767 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

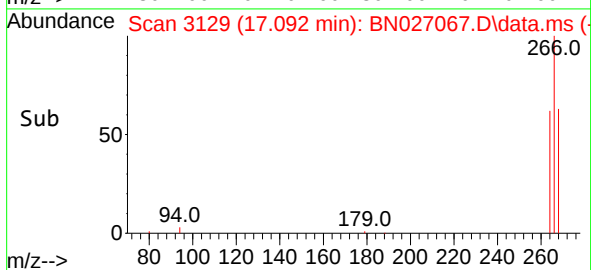
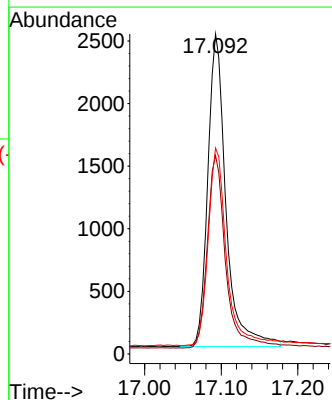
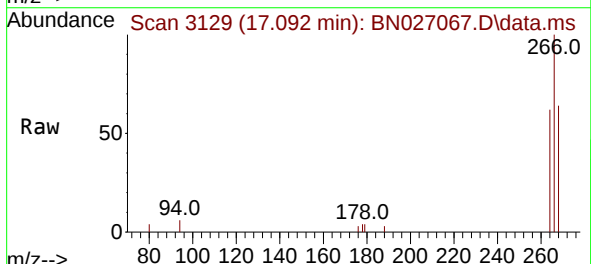
Instrument :
BNA_N
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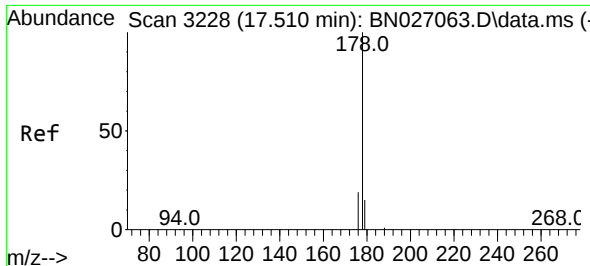
Tgt Ion:166	Resp:	18551
Ion Ratio	Lower	Upper
166	100	
165	98.5	79.1 118.7
167	13.7	11.4 17.0



#14
Pentachlorophenol
Concen: 0.312 ng/ul
RT: 17.092 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:266	Resp:	4114
Ion Ratio	Lower	Upper
266	100	
264	62.3	50.4 75.6
268	64.3	51.2 76.8

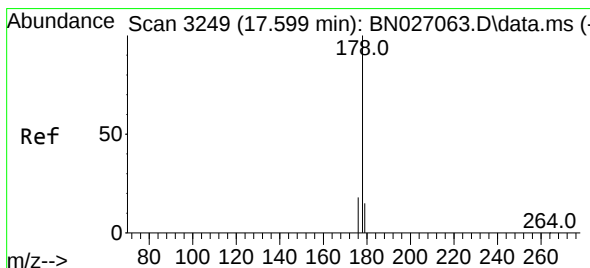
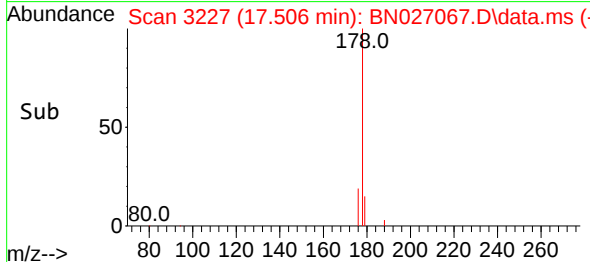
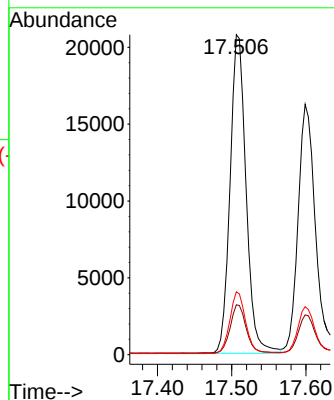
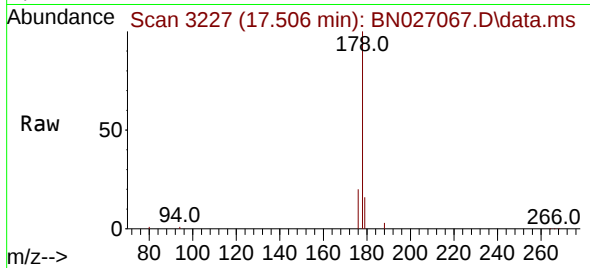




#15
Phenanthrene
Concen: 0.203 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

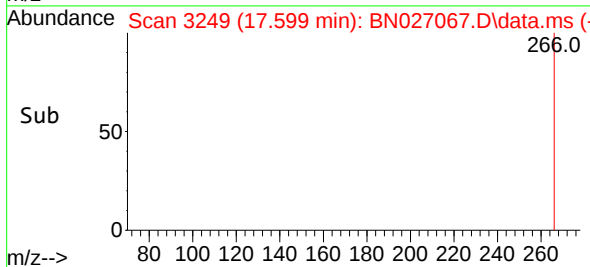
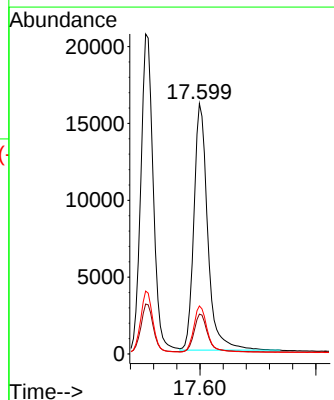
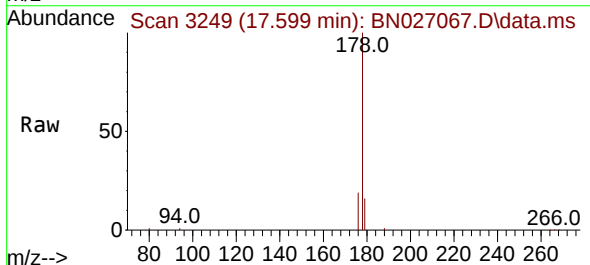
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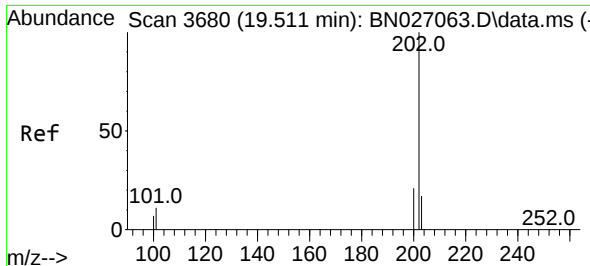
Tgt Ion:178 Resp: 31095
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.7 15.4 23.2



#16
Anthracene
Concen: 0.192 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:178 Resp: 26611
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.2 15.0 22.6

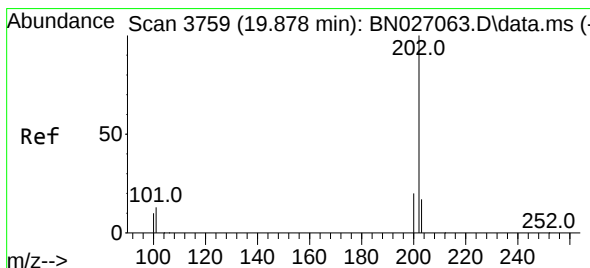
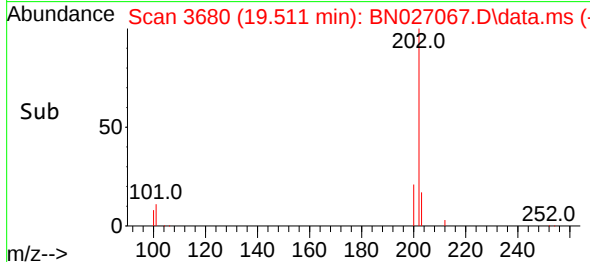
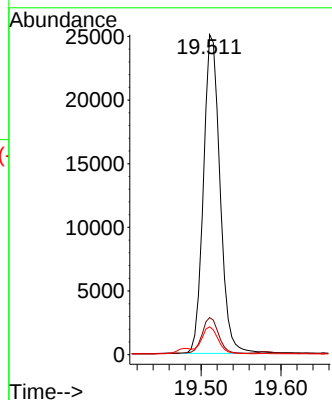
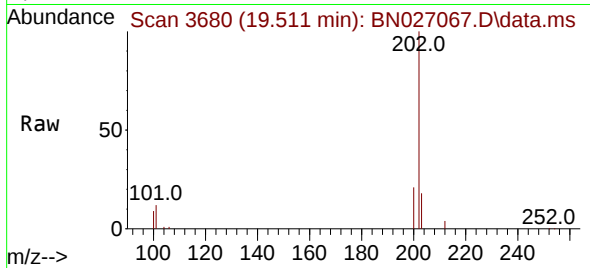




#19
Fluoranthene
Concen: 0.242 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

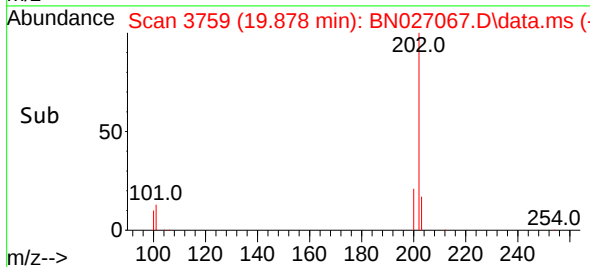
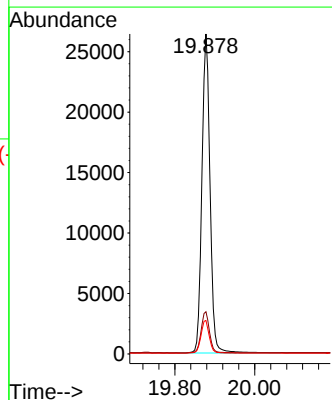
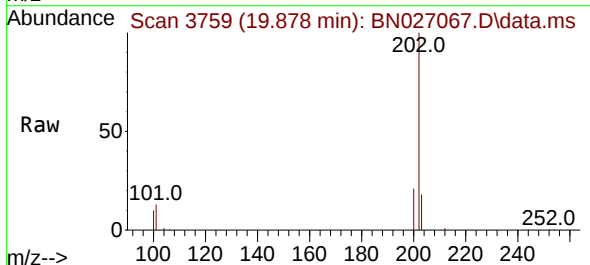
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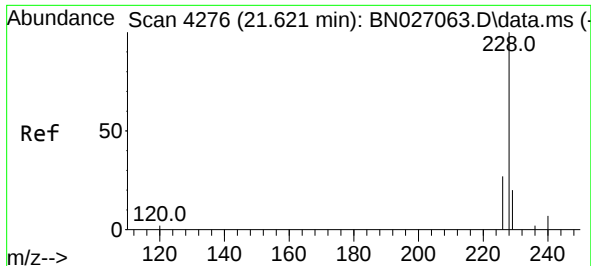
Tgt Ion:202 Resp: 36110
Ion Ratio Lower Upper
202 100
101 11.6 8.3 12.5
100 8.7 6.2 9.2



#20
Pyrene
Concen: 0.233 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:202 Resp: 37093
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.4 8.5 12.7

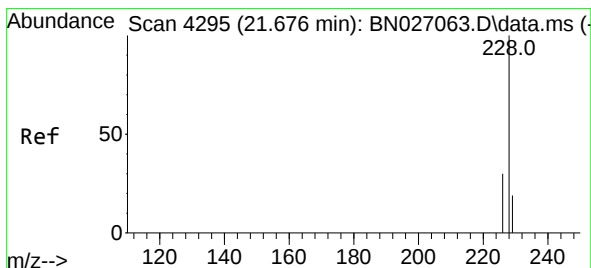
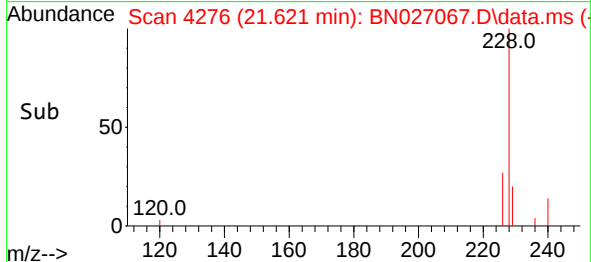
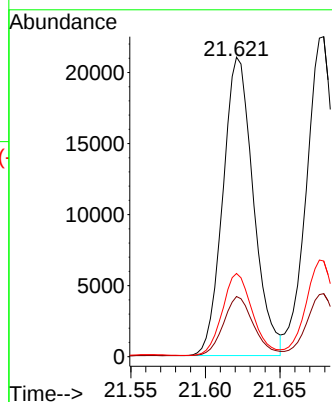
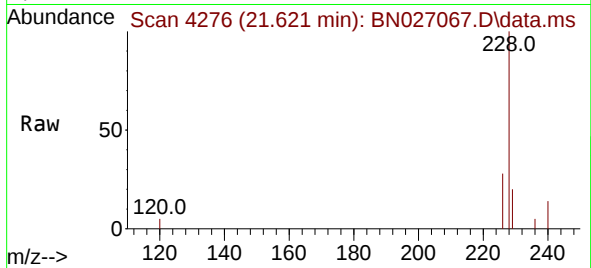




#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

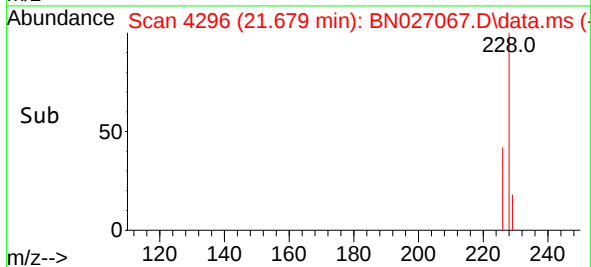
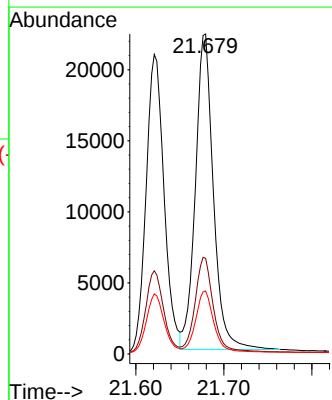
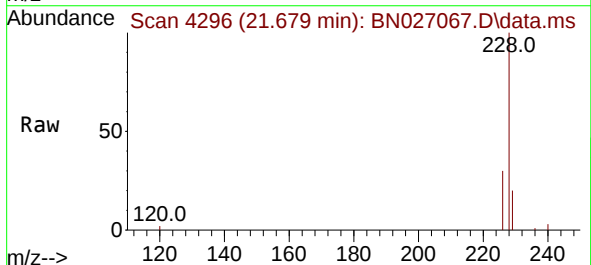
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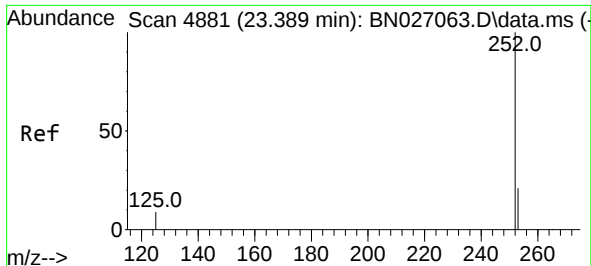
Tgt Ion:228 Resp: 29882
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. 0.003 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:228 Resp: 31678
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 19.7 15.8 23.6

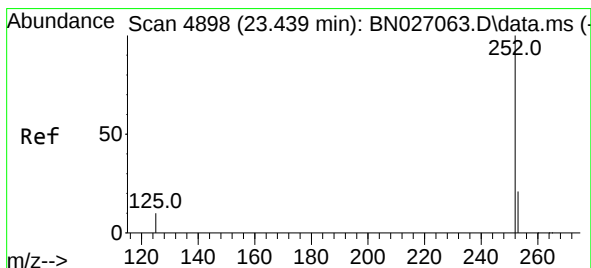
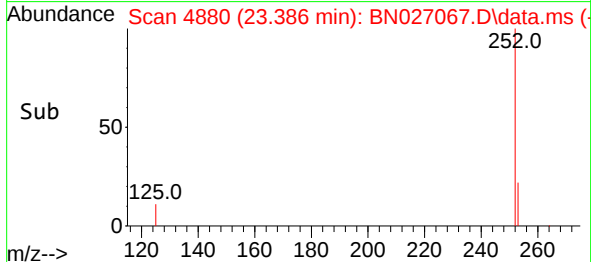
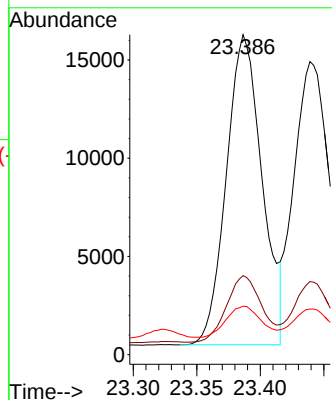
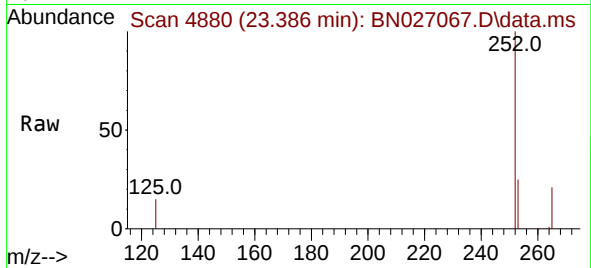




#24
Benzo(b)fluoranthene
Concen: 0.240 ng/ul
RT: 23.386 min Scan# 4880
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

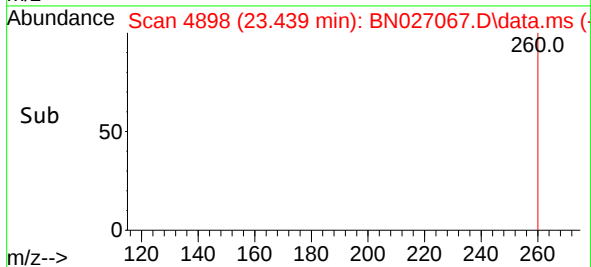
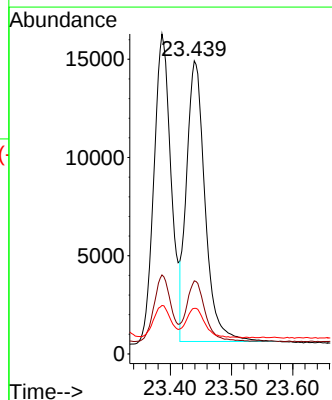
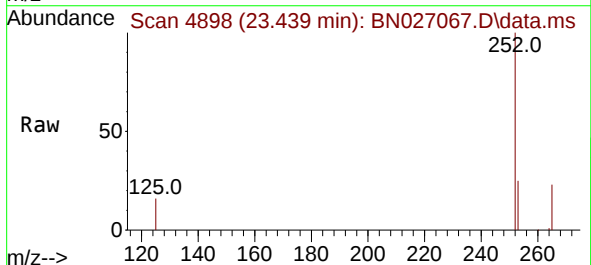
Instrument :
BNA_N
ClientSampleId :
SLCS973

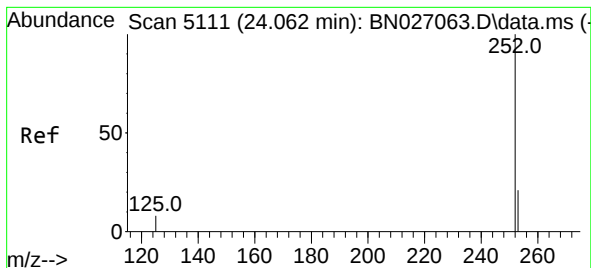
Tgt Ion:252 Resp: 30916
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 15.2 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul
RT: 23.439 min Scan# 4898
Delta R.T. -0.000 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:252 Resp: 30022
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.4
125 15.6 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.216 ng/ul

RT: 24.065 min Scan# 5111

Delta R.T. 0.003 min

Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

Instrument :

BNA_N

ClientSampleId :

SLCS973

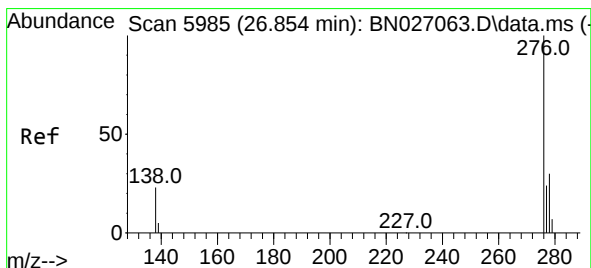
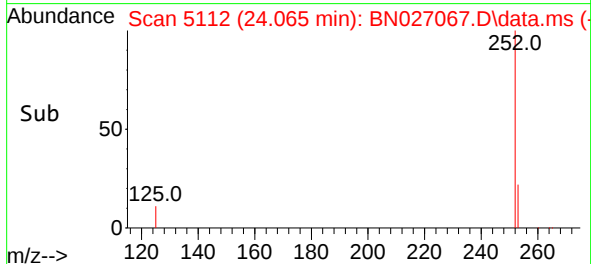
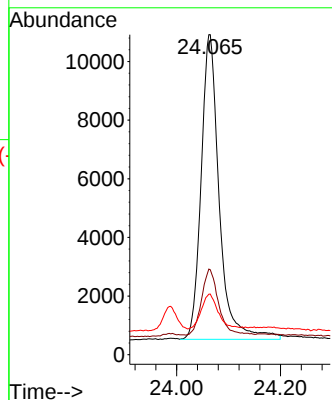
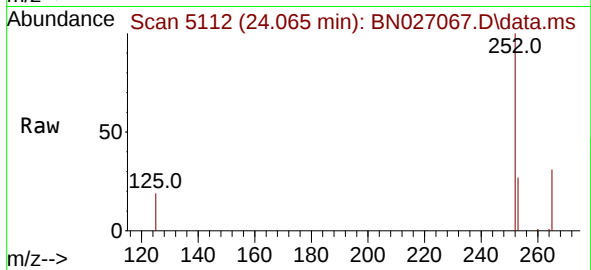
Tgt Ion:252 Resp: 25105

Ion Ratio Lower Upper

252 100

253 26.6 19.0 28.6

125 19.0 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.187 ng/ul

RT: 26.868 min Scan# 5989

Delta R.T. 0.013 min

Lab File: BN027067.D

Acq: 23 Aug 2023 18:28

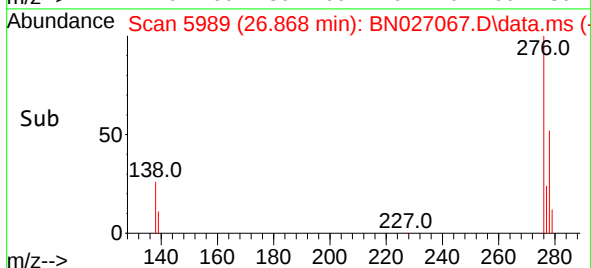
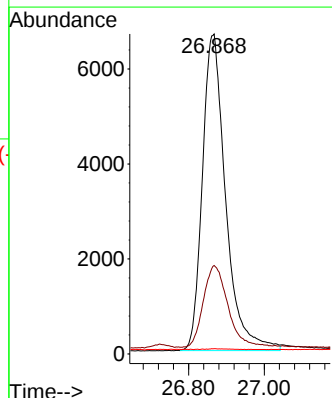
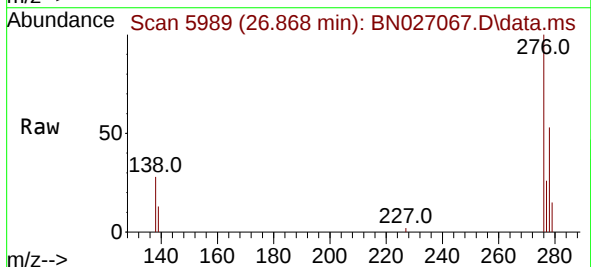
Tgt Ion:276 Resp: 28427

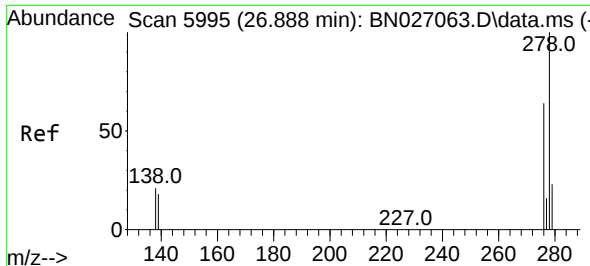
Ion Ratio Lower Upper

276 100

138 27.4 21.6 32.4

227 0.3 0.0 0.0#

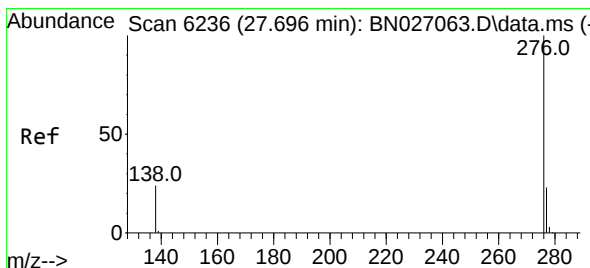
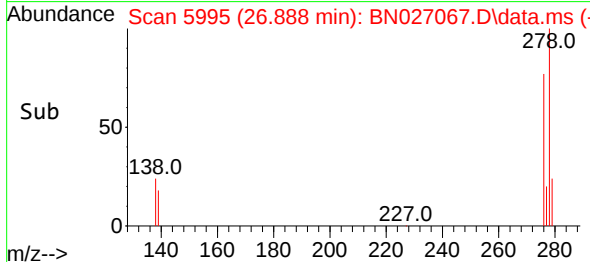
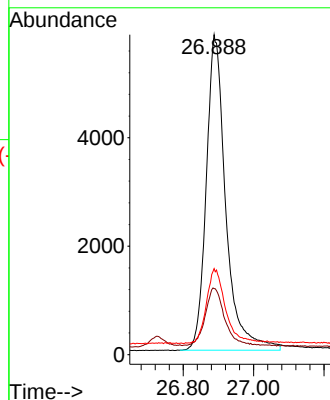
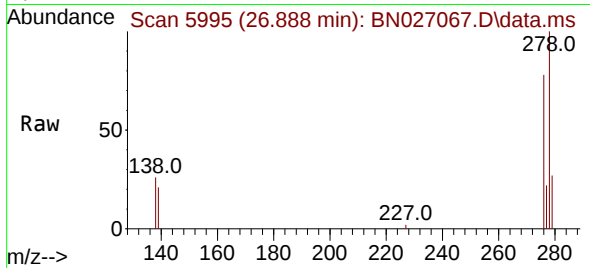




#28
Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 26.888 min Scan# 5995
Delta R.T. 0.003 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Instrument :
BNA_N
ClientSampleId :
SLCS973

Tgt Ion:278 Resp: 22446
Ion Ratio Lower Upper
278 100
139 20.7 15.7 23.5
279 26.9 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 27.703 min Scan# 6238
Delta R.T. 0.007 min
Lab File: BN027067.D
Acq: 23 Aug 2023 18:28

Tgt Ion:276 Resp: 23600
Ion Ratio Lower Upper
276 100
138 26.6 19.3 28.9
277 25.7 19.8 29.8

