

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027047.D
 Acq On : 23 Aug 2023 04:05
 Operator : MA/JU
 Sample : PB154935BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS935

Quant Time: Aug 23 04:54:32 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)

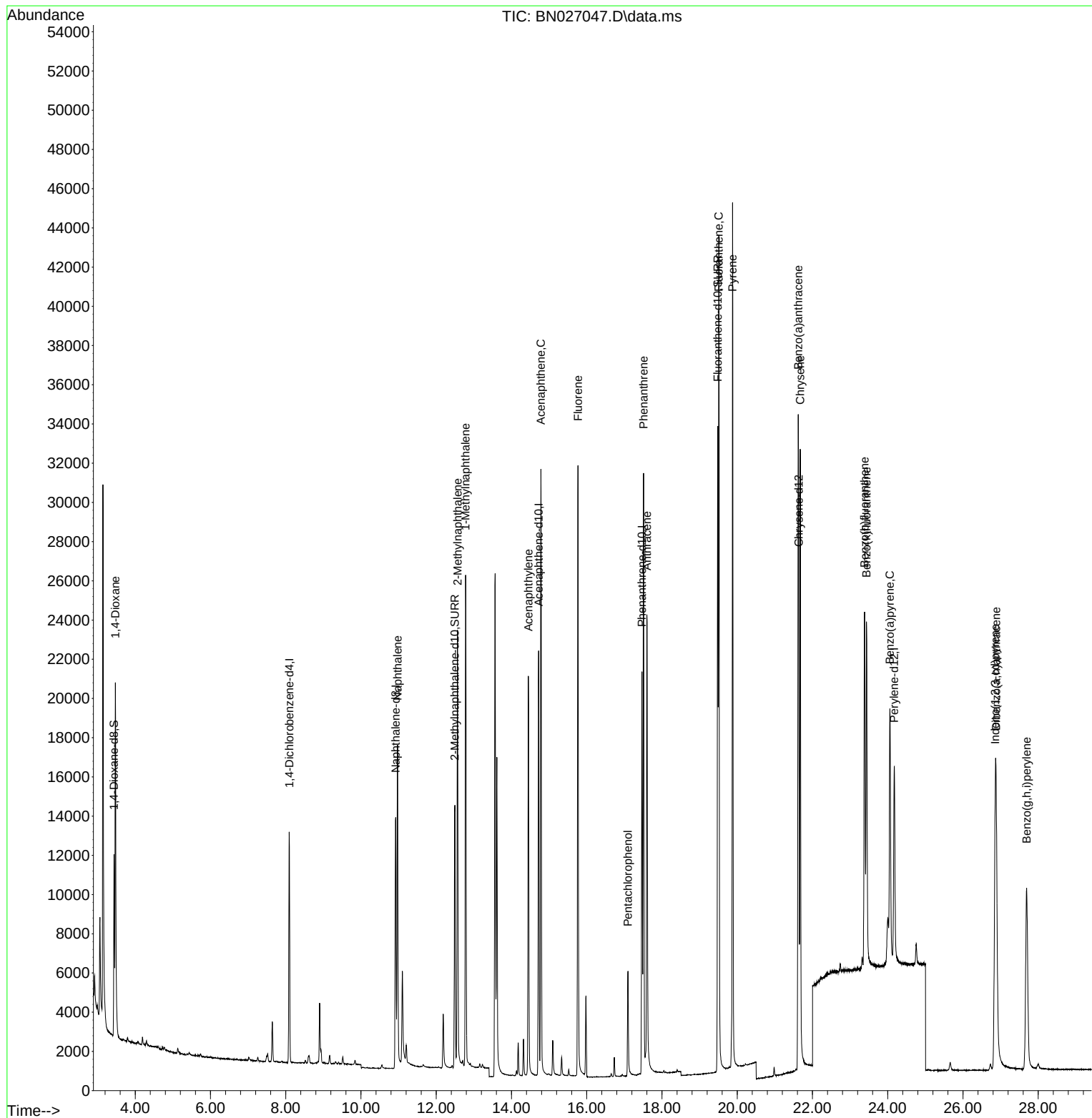
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	6041	0.400	ng/ul	0.00
4) Naphthalene-d8	10.922	136	19418	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.722	164	12151	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.468	188	25387	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	17487	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	15732	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	6808	0.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	18191	0.637	ng/ul	0.00
18) Fluoranthene-d10	19.482	212	38118	0.690	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.473	88	13754	1.878	ng/ul#	93
5) Naphthalene	10.971	128	23154	0.422	ng/ul	99
7) 2-Methylnaphthalene	12.566	142	16090	0.484	ng/ul	100
8) 1-Methylnaphthalene	12.781	142	17678	0.508	ng/ul	99
10) Acenaphthylene	14.449	152	24038	0.353	ng/ul	99
11) Acenaphthene	14.782	153	18760	0.398	ng/ul	99
12) Fluorene	15.767	166	20664	0.388	ng/ul	99
14) Pentachlorophenol	17.096	266	4046	0.563	ng/ul	100
15) Phenanthrene	17.510	178	33116	0.397	ng/ul	100
16) Anthracene	17.599	178	28579	0.379	ng/ul	100
19) Fluoranthene	19.510	202	37166	0.512	ng/ul	96
20) Pyrene	19.877	202	38041	0.491	ng/ul	99
21) Benzo(a)anthracene	21.621	228	28998	0.417	ng/ul	99
22) Chrysene	21.673	228	29746	0.433	ng/ul	100
24) Benzo(b)fluoranthene	23.386	252	27782	0.467	ng/ul	94
25) Benzo(k)fluoranthene	23.436	252	27405	0.467	ng/ul#	92
26) Benzo(a)pyrene	24.059	252	22962	0.428	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.857	276	28529	0.406	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.881	278	22236	0.397	ng/ul	96
29) Benzo(g,h,i)perylene	27.692	276	24551	0.420	ng/ul	98

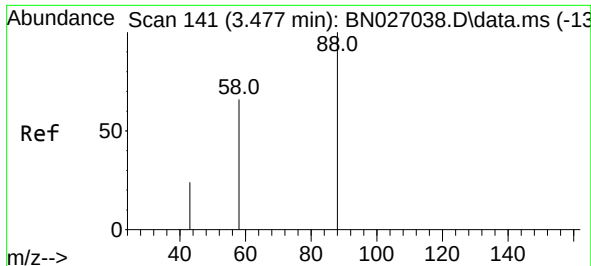
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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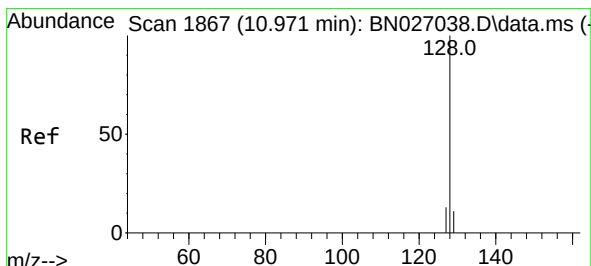
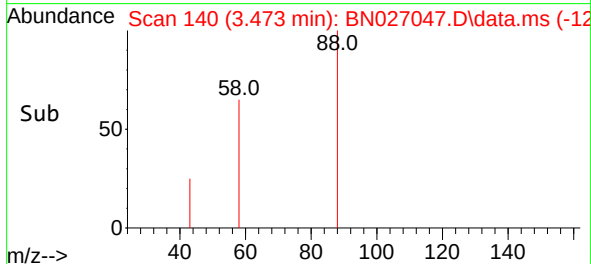
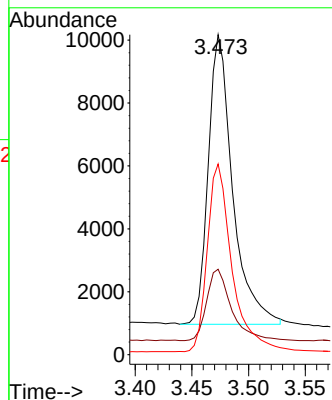
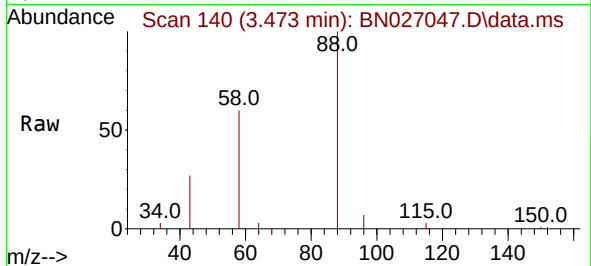




#2
1,4-Dioxane
Concen: 1.878 ng/ul
RT: 3.473 min Scan# 141
Delta R.T. -0.004 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

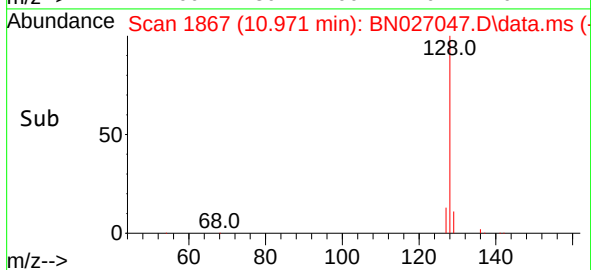
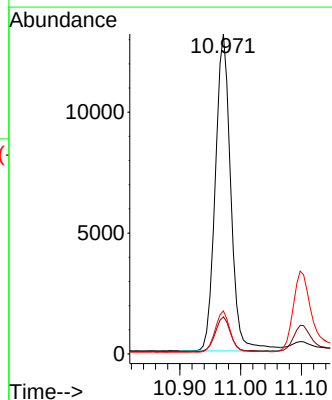
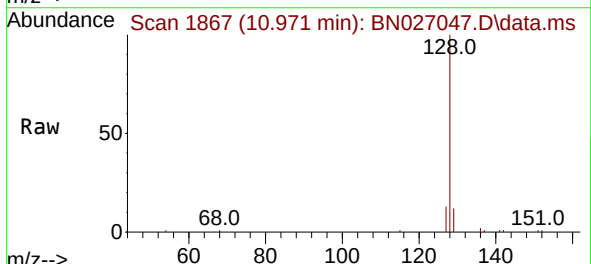
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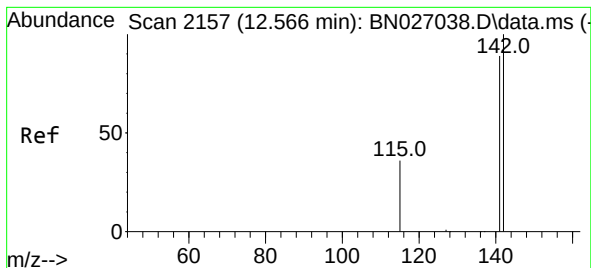
Tgt Ion: 88 Resp: 13754
Ion Ratio Lower Upper
88 100
43 26.7 28.0 42.0#
58 59.6 46.0 69.0



#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:128 Resp: 23154
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.5 15.7

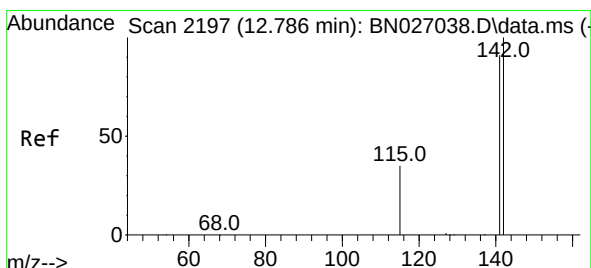
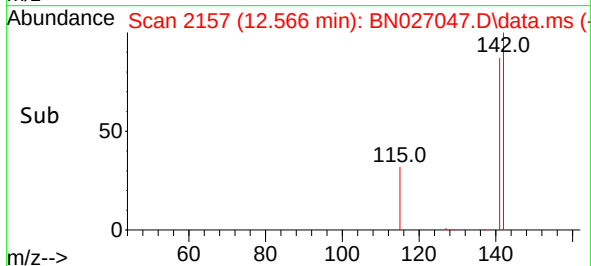
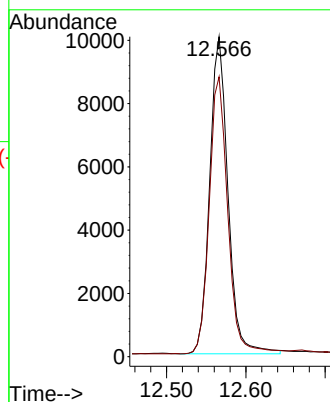
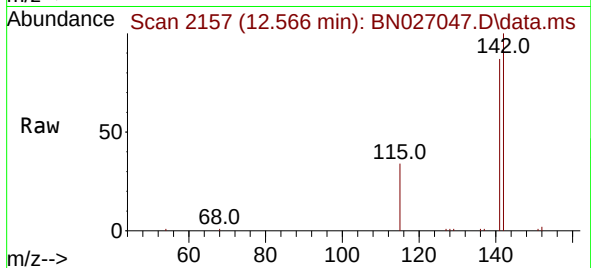




#7
2-Methylnaphthalene
Concen: 0.484 ng/ul
RT: 12.566 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

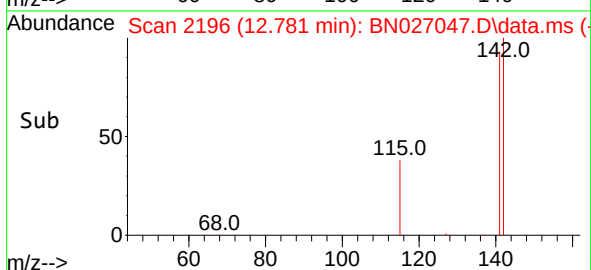
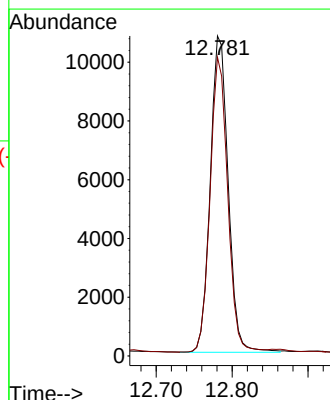
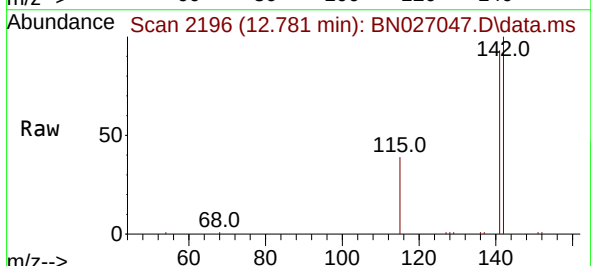
Instrument :
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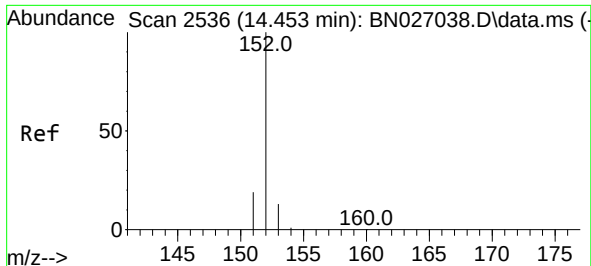
Tgt Ion:142 Resp: 16090
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.508 ng/ul
RT: 12.781 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:142 Resp: 17678
Ion Ratio Lower Upper
142 100
141 92.1 73.2 109.8

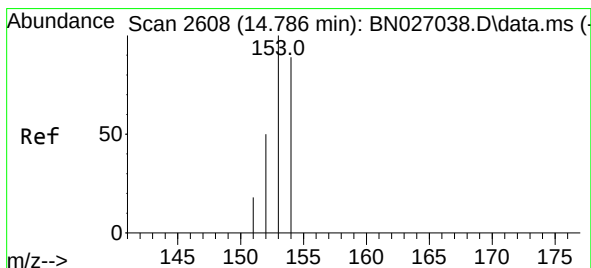
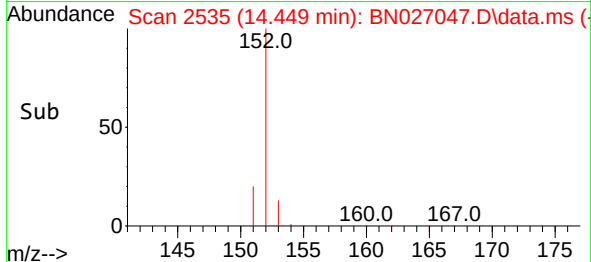
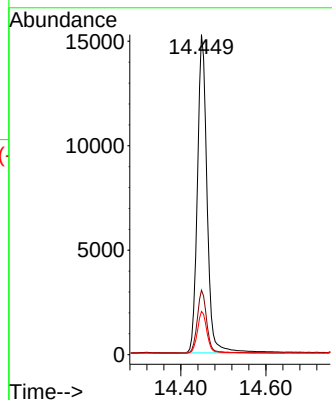
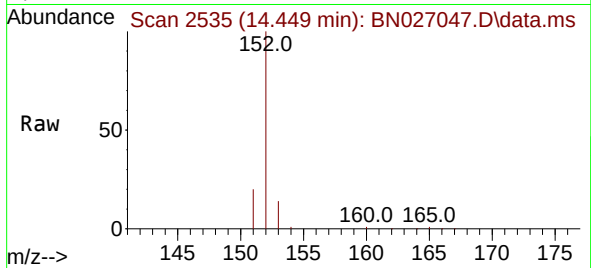




#10
Acenaphthylene
Concen: 0.353 ng/u1
RT: 14.449 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

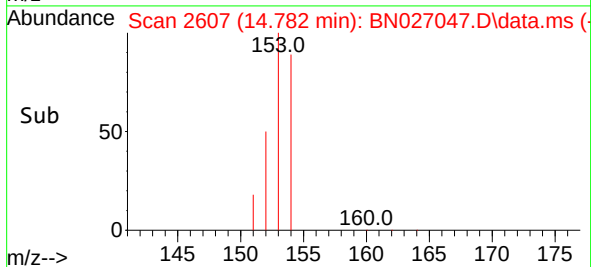
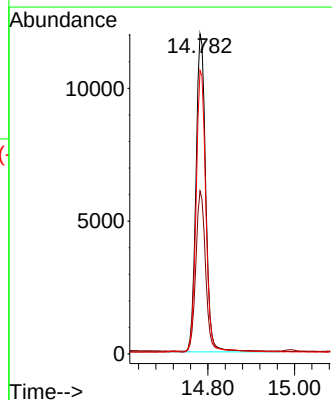
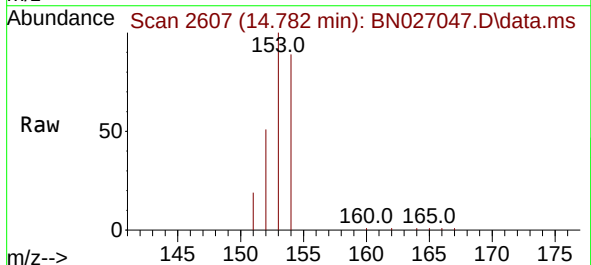
Instrument :
BNA_N
ClientSampleId :
SLCS935

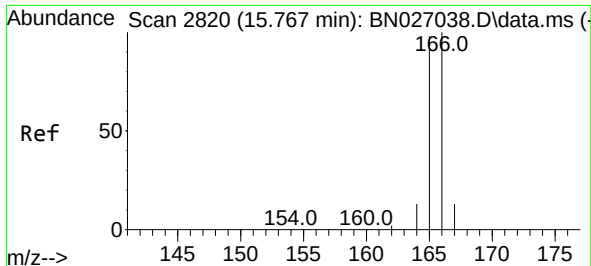
Tgt Ion:152 Resp: 24038
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.398 ng/u1
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:153 Resp: 18760
Ion Ratio Lower Upper
153 100
152 50.9 41.1 61.7
154 88.6 71.6 107.4

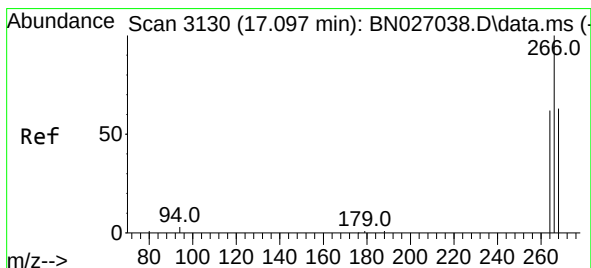
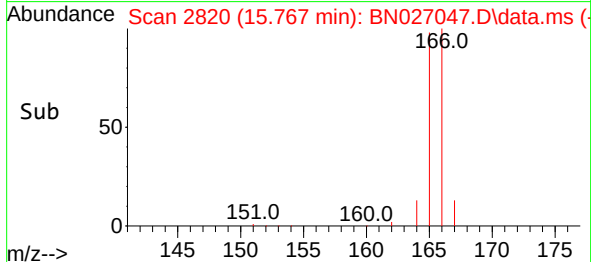
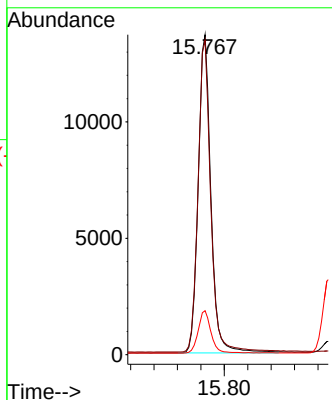
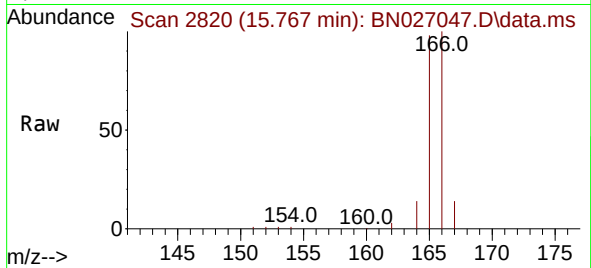




#12
 Fluorene
 Concen: 0.388 ng/ul
 RT: 15.767 min Scan# 2820
 Delta R.T. 0.000 min
 Lab File: BN027047.D
 Acq: 23 Aug 2023 04:05

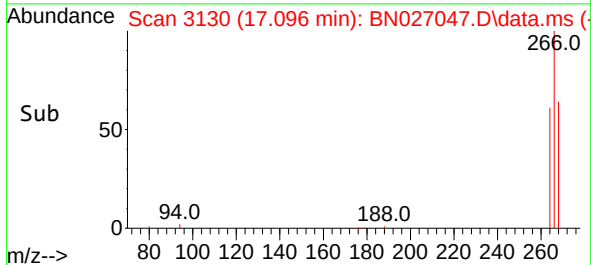
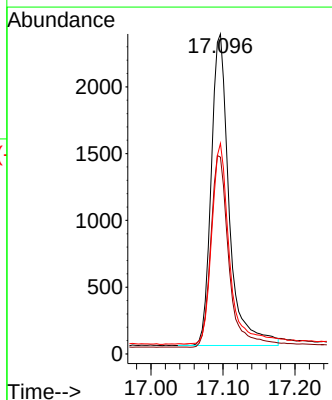
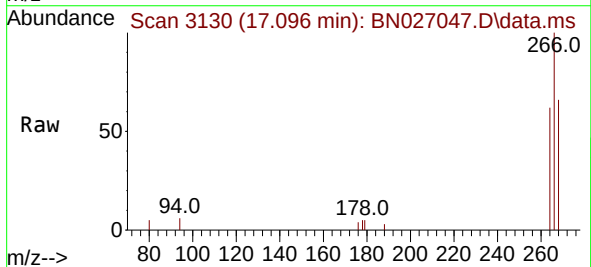
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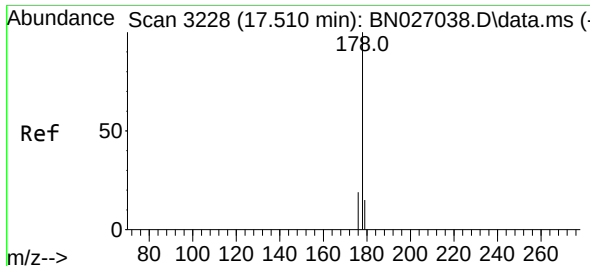
Tgt Ion:	166	Resp:	20664
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.1	118.7
167	13.8	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.563 ng/ul
 RT: 17.096 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BN027047.D
 Acq: 23 Aug 2023 04:05

Tgt Ion:	266	Resp:	4046
Ion Ratio	Lower	Upper	
266	100		
264	63.0	50.4	75.6
268	64.1	51.2	76.8

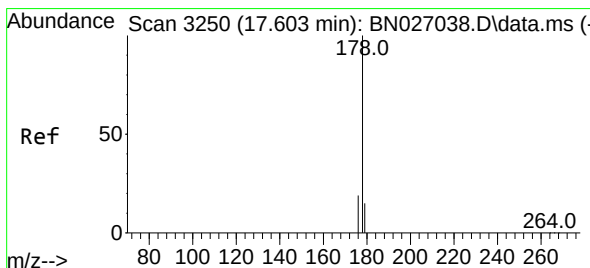
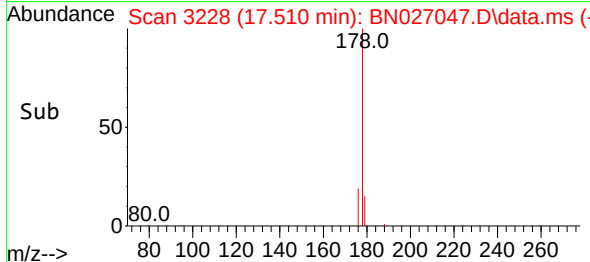
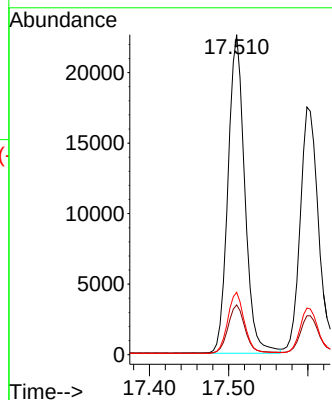
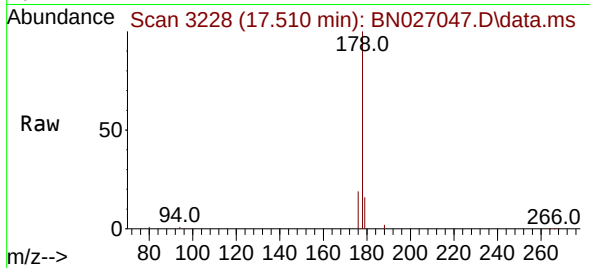




#15
Phenanthrene
Concen: 0.397 ng/u1
RT: 17.510 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

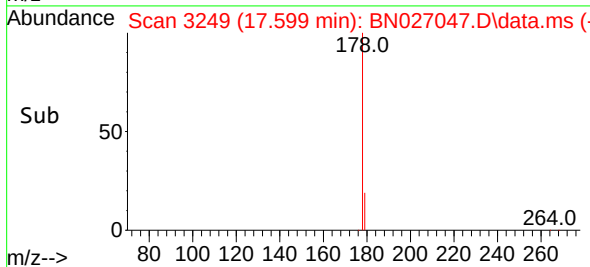
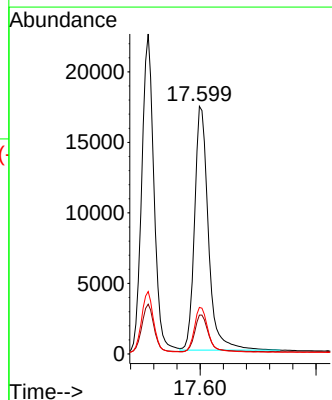
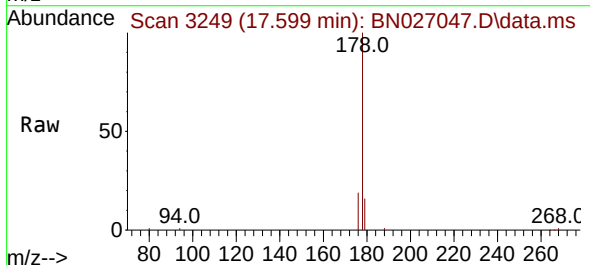
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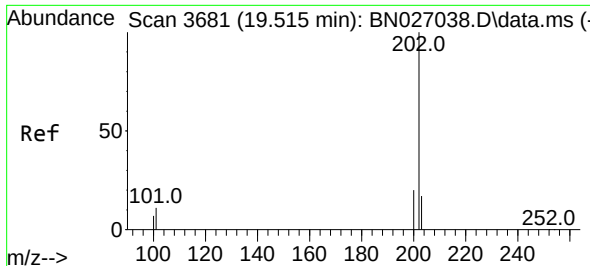
Tgt Ion:178 Resp: 33116
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.379 ng/u1
RT: 17.599 min Scan# 3249
Delta R.T. -0.005 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:178 Resp: 28579
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.8 15.0 22.6

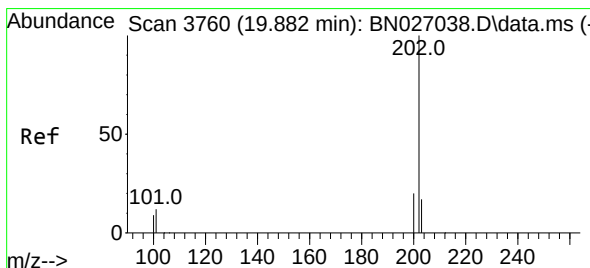
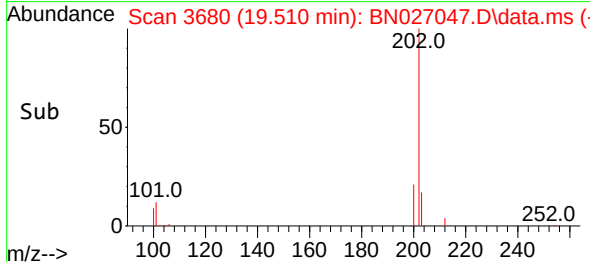
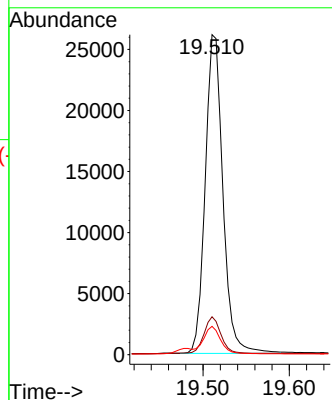
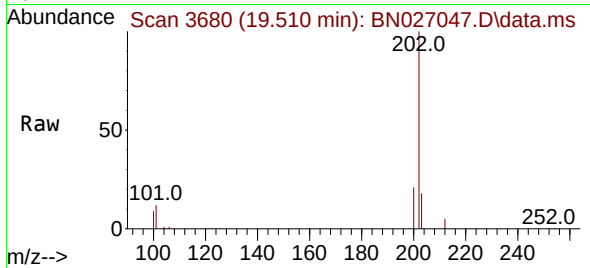




#19
Fluoranthene
Concen: 0.512 ng/ul
RT: 19.510 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

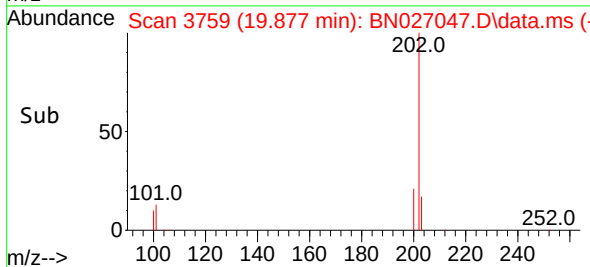
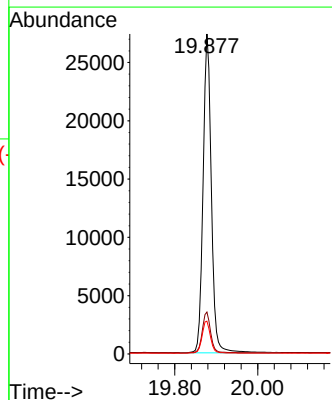
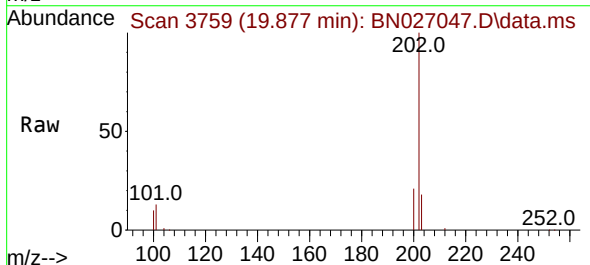
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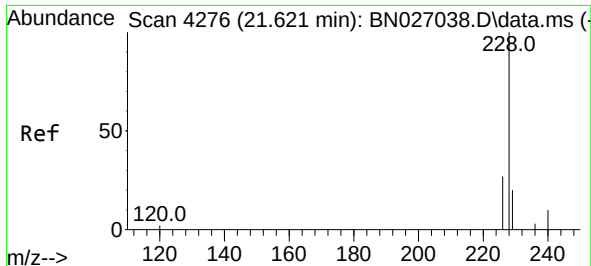
Tgt Ion:202 Resp: 37166
Ion Ratio Lower Upper
202 100
101 11.8 8.3 12.5
100 8.9 6.2 9.2



#20
Pyrene
Concen: 0.491 ng/ul
RT: 19.877 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:202 Resp: 38041
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.2 8.5 12.7

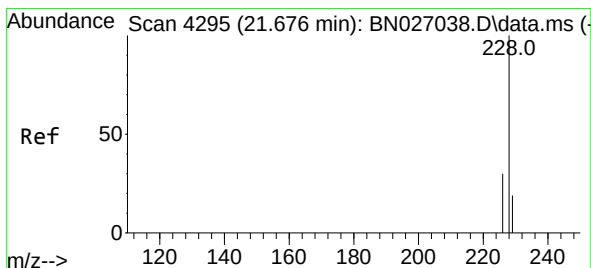
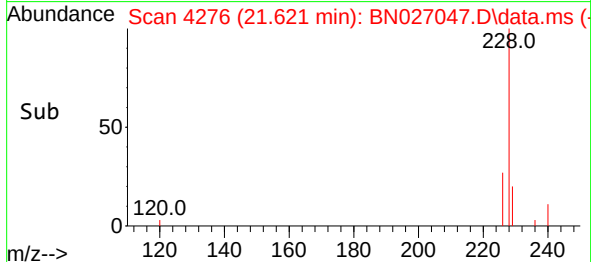
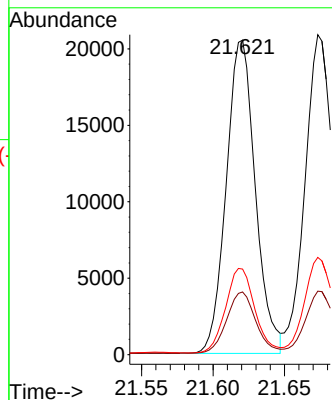
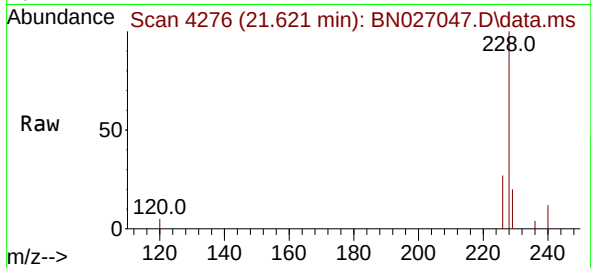




#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.621 min Scan# 4276
Delta R.T. -0.000 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

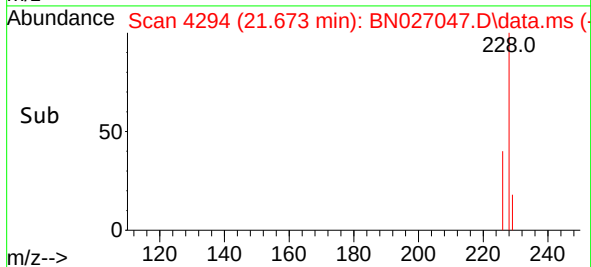
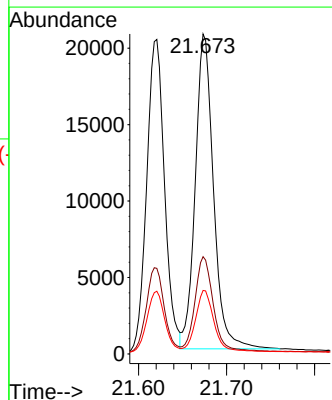
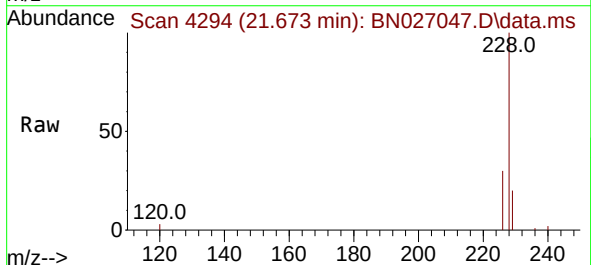
Instrument :
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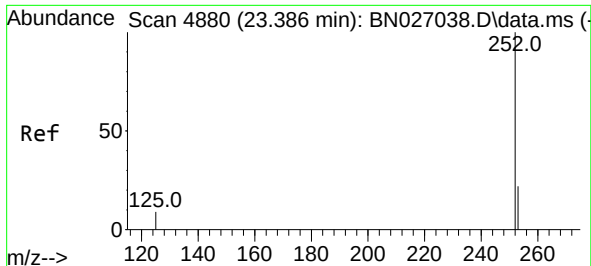
Tgt Ion:228 Resp: 28998
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.2 22.2 33.2



#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.673 min Scan# 4294
Delta R.T. -0.003 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:228 Resp: 29746
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.8 15.8 23.6

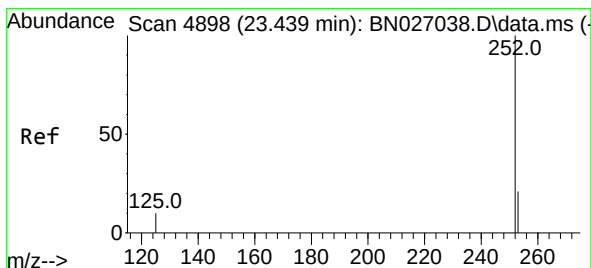
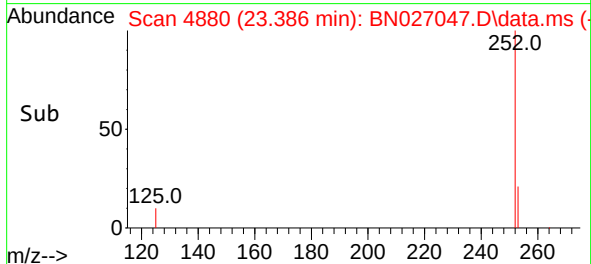
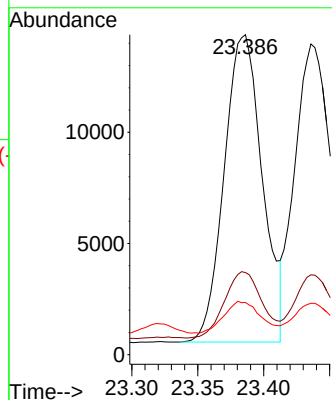
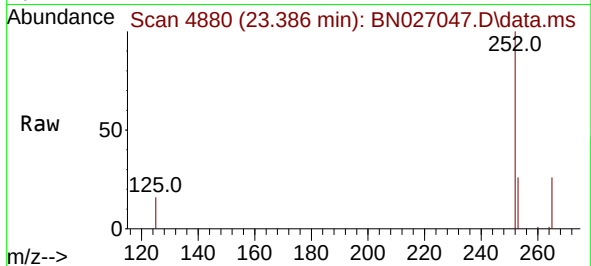




#24
Benzo(b)fluoranthene
Concen: 0.467 ng/ul
RT: 23.386 min Scan# 4880
Delta R.T. -0.000 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

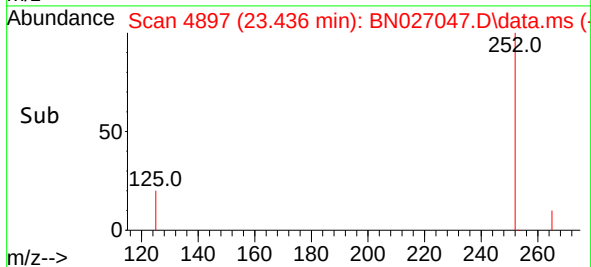
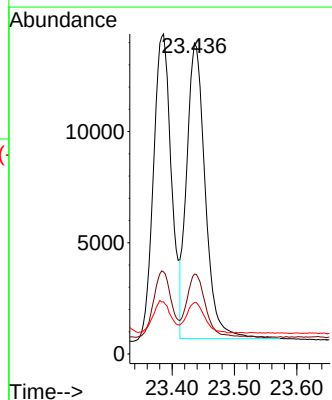
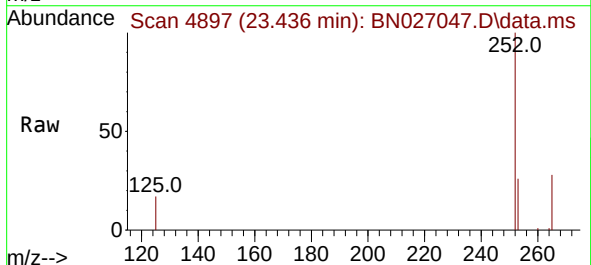
Instrument :
BNA_N
ClientSampleId :
SLCS935

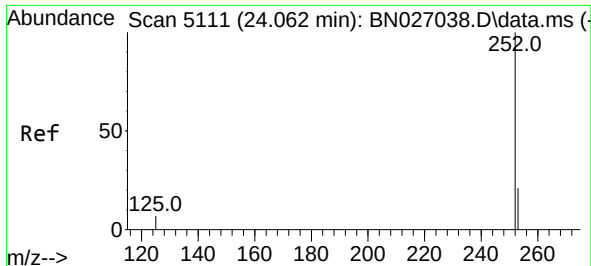
Tgt Ion:252 Resp: 27782
Ion Ratio Lower Upper
252 100
253 25.7 0.0 46.8
125 16.3 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.467 ng/ul
RT: 23.436 min Scan# 4897
Delta R.T. -0.003 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:252 Resp: 27405
Ion Ratio Lower Upper
252 100
253 25.7 18.2 27.4
125 16.5 9.9 14.9#

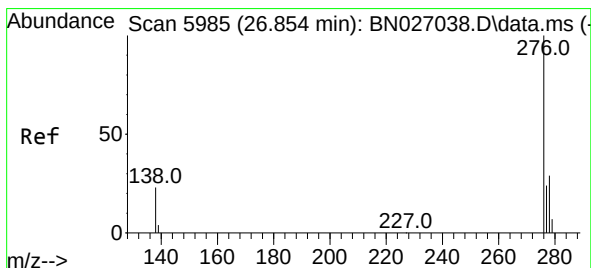
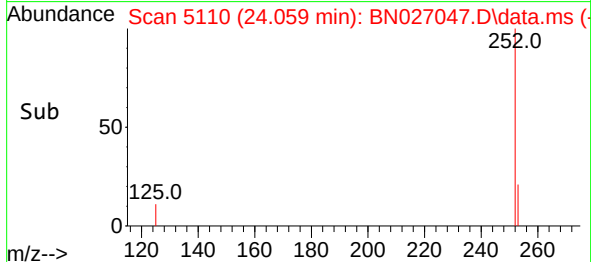
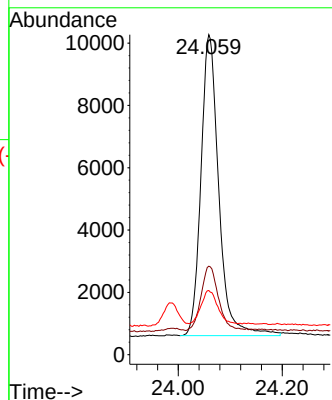
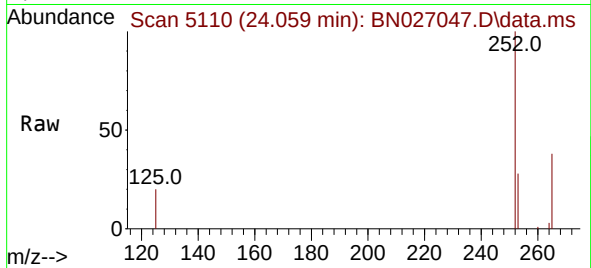




#26
Benzo(a)pyrene
Concen: 0.428 ng/ul
RT: 24.059 min Scan# 5111
Delta R.T. -0.003 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

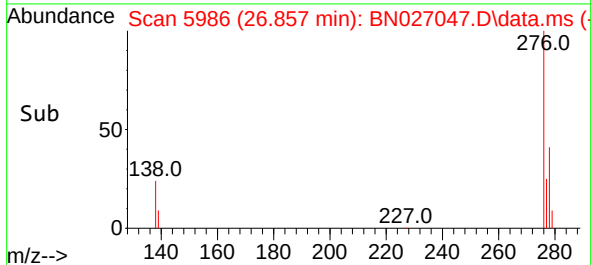
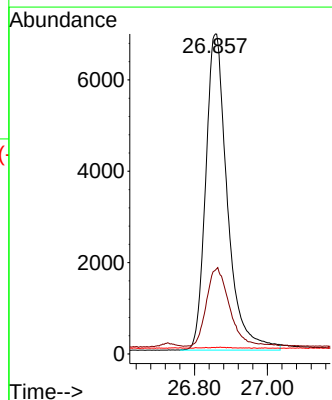
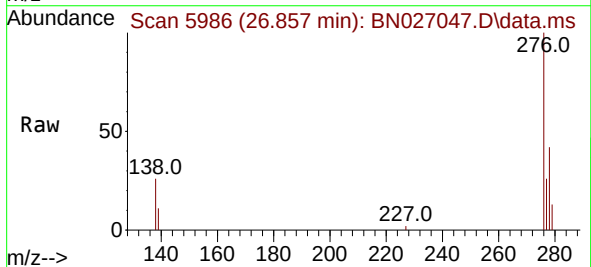
Instrument :
BNA_N
ClientSampleId :
SLCS935

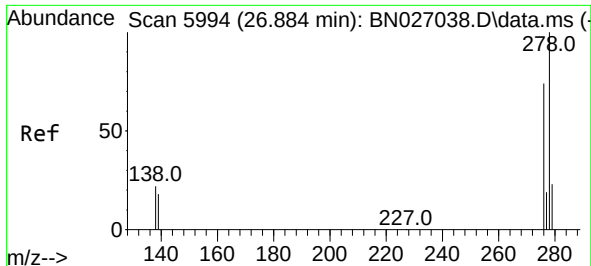
Tgt Ion:252 Resp: 22962
Ion Ratio Lower Upper
252 100
253 27.7 19.0 28.6
125 20.1 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.857 min Scan# 5986
Delta R.T. 0.003 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:276 Resp: 28529
Ion Ratio Lower Upper
276 100
138 26.4 21.6 32.4
227 0.1 0.0 0.0#

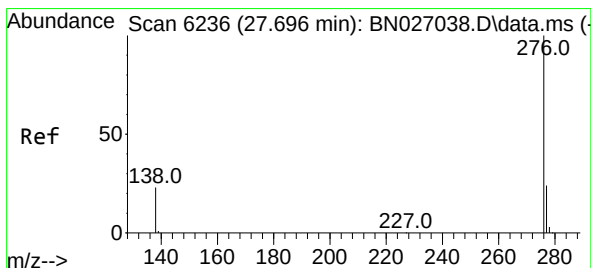
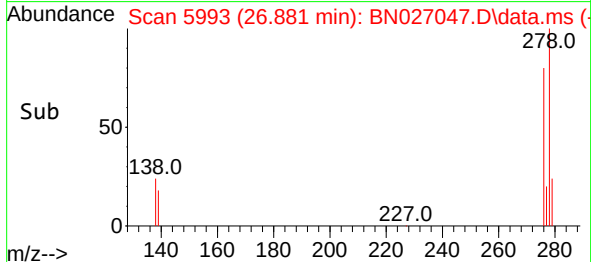
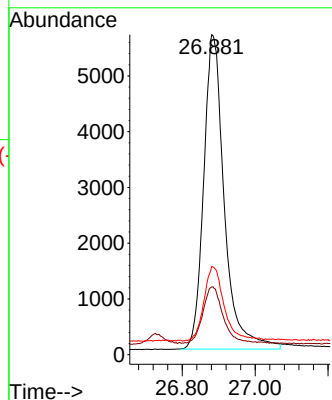
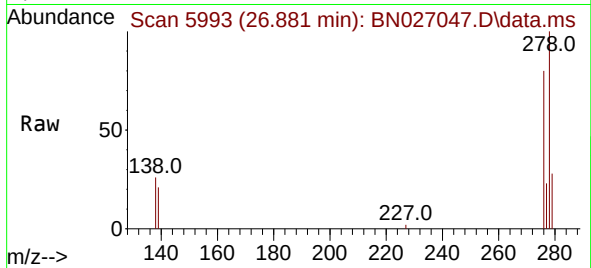




#28
Dibenzo(a,h)anthracene
Concen: 0.397 ng/ul
RT: 26.881 min Scan# 5994
Delta R.T. -0.004 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Instrument :
BNA_N
ClientSampleId :
SLCS935

Tgt Ion:278 Resp: 22236
Ion Ratio Lower Upper
278 100
139 21.1 15.7 23.5
279 27.5 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 27.692 min Scan# 6235
Delta R.T. -0.004 min
Lab File: BN027047.D
Acq: 23 Aug 2023 04:05

Tgt Ion:276 Resp: 24551
Ion Ratio Lower Upper
276 100
138 25.7 19.3 28.9
277 25.5 19.8 29.8

