

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027950.D
 Acq On : 29 Sep 2023 06:20
 Operator : MA/JU
 Sample : 04417-40
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE7

Quant Time: Sep 29 07:26:41 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

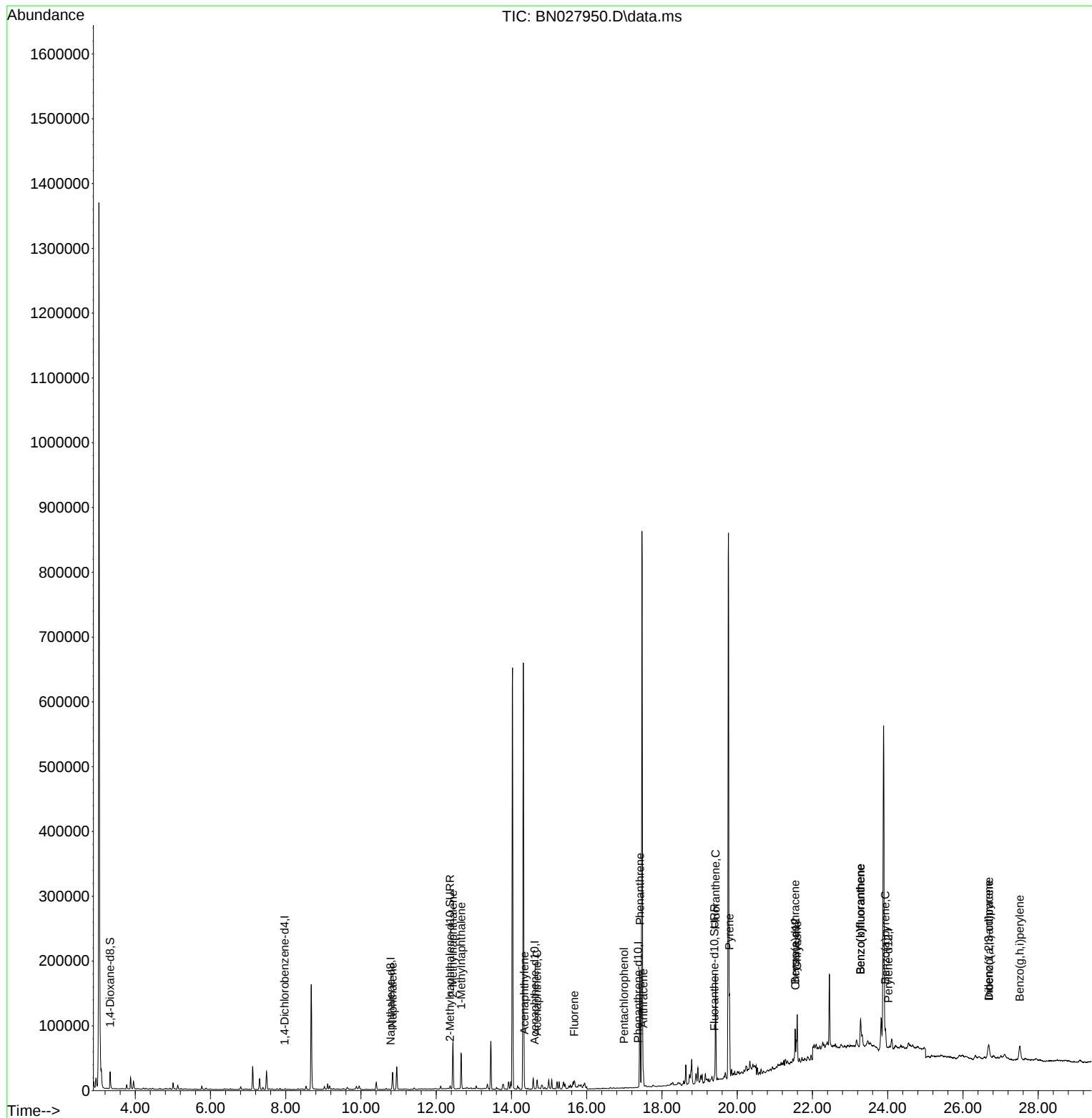
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	24	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.790	136	90	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.615	164	360	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.367	188	785	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.545	240	673	0.400	ng/ul	# 0.00
23) Perylene-d12	24.021	264	30	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	17683	584.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	5706	41.842	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	9258	4.504	ng/ul	0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.839	128	34763	135.151	ng/ul	100
7) 2-Methylnaphthalene	12.445	142	52001	318.604	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	36703	217.999	ng/ul	99
10) Acenaphthylene	14.342	152	4312	2.742	ng/ul#	63
11) Acenaphthene	14.680	153	7708	5.670	ng/ul	88
12) Fluorene	15.665	166	6741	4.217	ng/ul#	83
14) Pentachlorophenol	16.995	266	24	0.131	ng/ul#	46
15) Phenanthrene	17.413	178	192741	78.134	ng/ul	98
16) Anthracene	17.506	178	20390	9.872	ng/ul#	90
19) Fluoranthene	19.427	202	139001	51.076	ng/ul	99
20) Pyrene	19.794	202	99253	35.404	ng/ul	99
21) Benzo(a)anthracene	21.539	228	43632	16.755	ng/ul#	61
22) Chrysene	21.595	228	58878	21.881	ng/ul#	74
24) Benzo(b)fluoranthene	23.278	252	99795	746.271	ng/ul#	24
25) Benzo(k)fluoranthene	23.278	252	95280	735.105	ng/ul#	23
26) Benzo(a)pyrene	23.939	252	43599	405.397	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.683	276	38632	280.341	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.690	278	12712	114.560	ng/ul#	1
29) Benzo(g,h,i)perylene	27.511	276	45954	392.657	ng/ul#	46

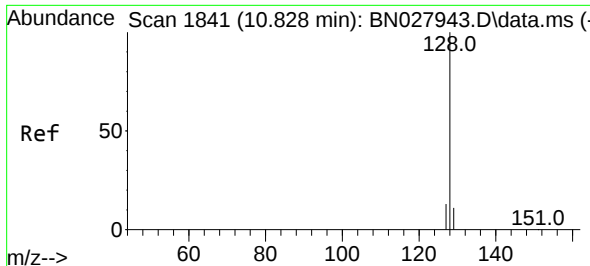
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
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Quant Time: Sep 29 07:26:41 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

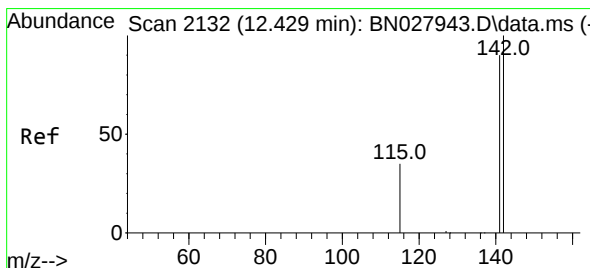
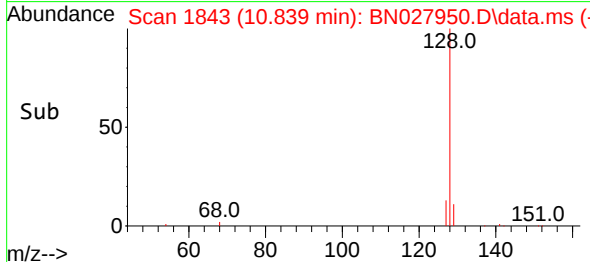
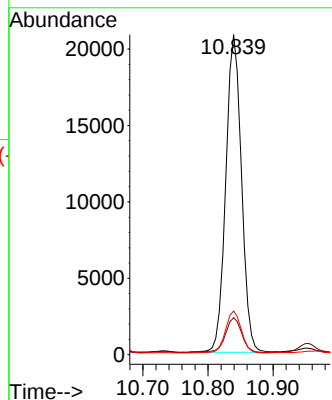
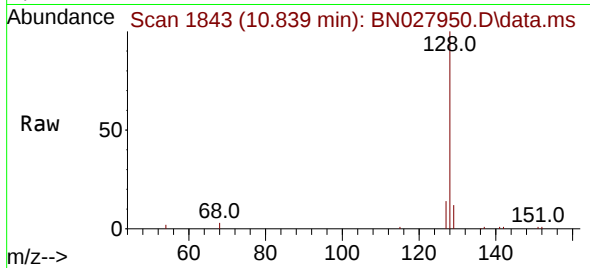




#5
Naphthalene
Concen: 135.151 ng/ul
RT: 10.839 min Scan# 1843
Delta R.T. 0.005 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

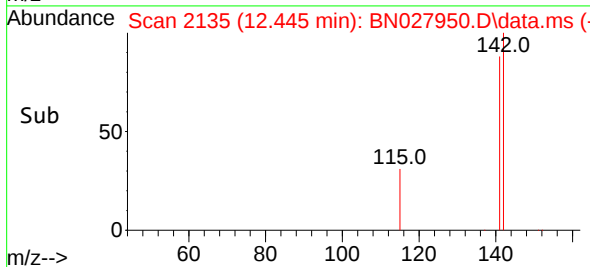
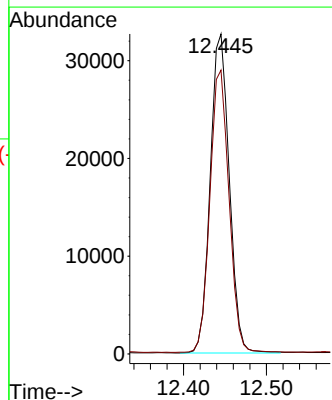
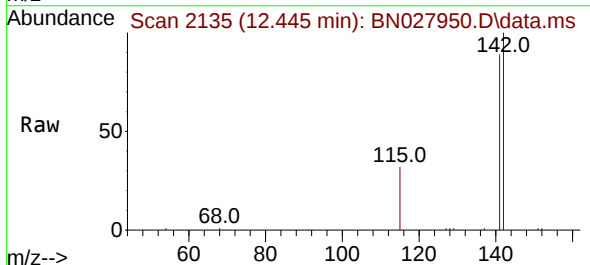
Instrument :
BNA_N
ClientSampleId :
EZY7

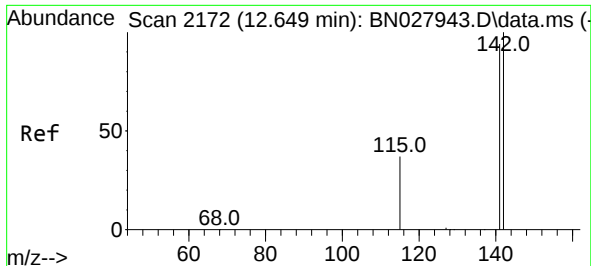
Tgt Ion:128 Resp: 34763
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 318.604 ng/ul
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

Tgt Ion:142 Resp: 52001
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7

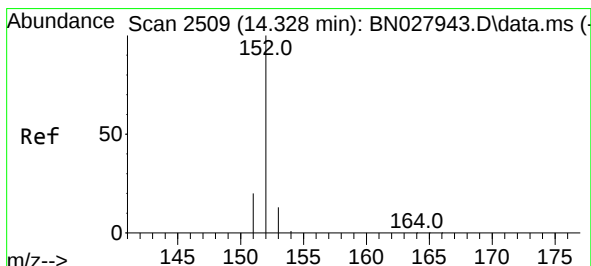
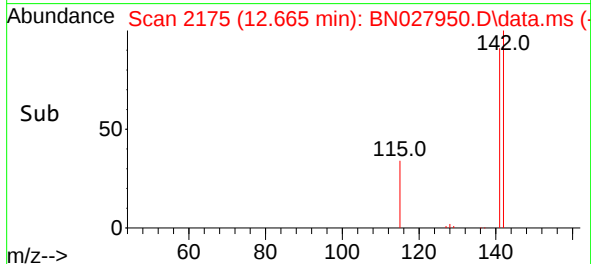
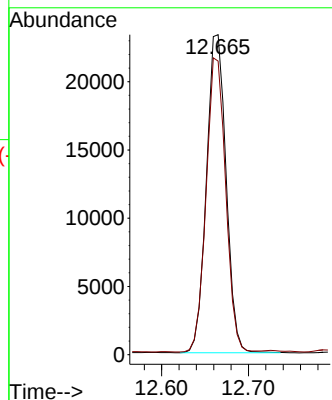
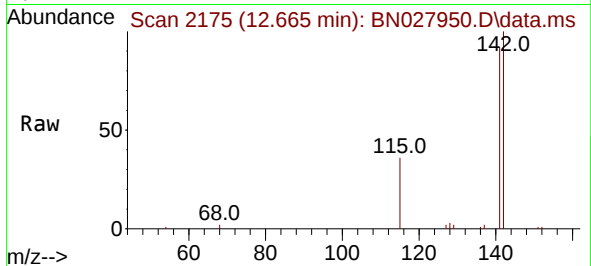




#8
1-Methylnaphthalene
Concen: 217.999 ng/ul
RT: 12.665 min Scan# 2175
Delta R.T. 0.011 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

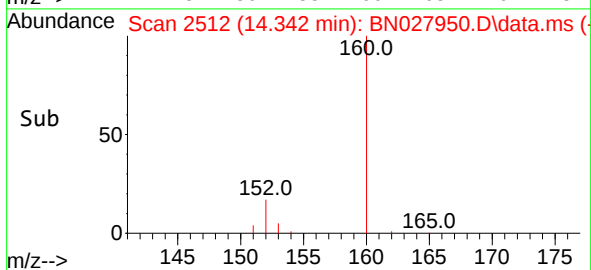
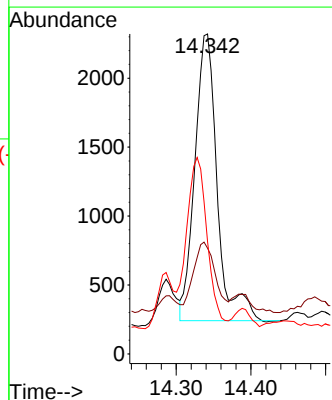
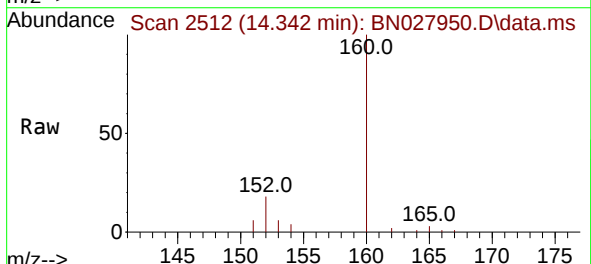
Instrument :
BNA_N
ClientSampleId :
EZY7

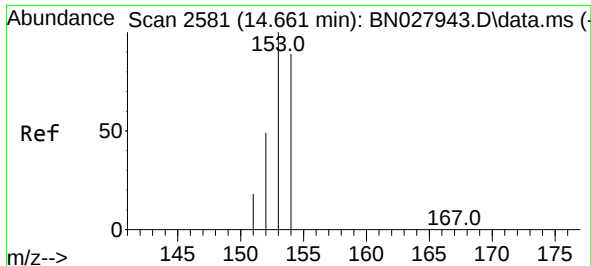
Tgt Ion:142 Resp: 36703
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2



#10
Acenaphthylene
Concen: 2.742 ng/ul
RT: 14.342 min Scan# 2512
Delta R.T. 0.009 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

Tgt Ion:152 Resp: 4312
Ion Ratio Lower Upper
152 100
151 33.0 16.6 25.0#
153 35.1 11.0 16.6#

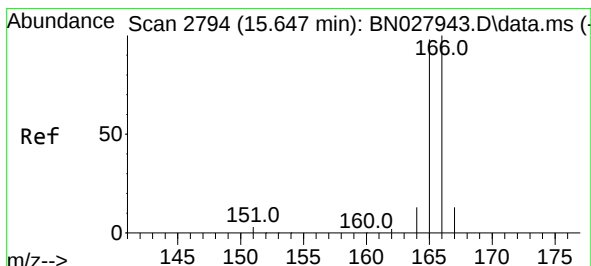
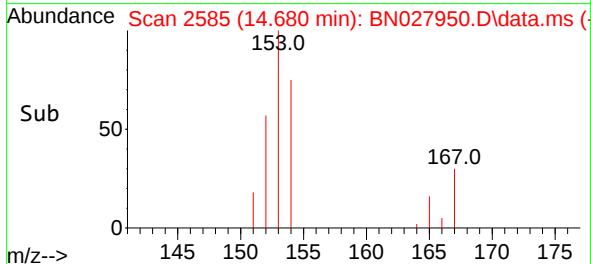
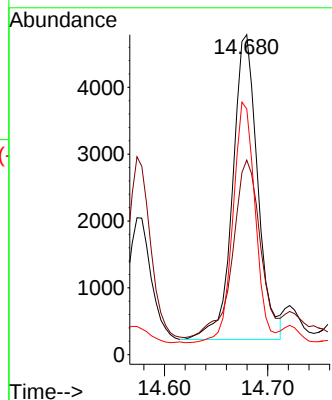
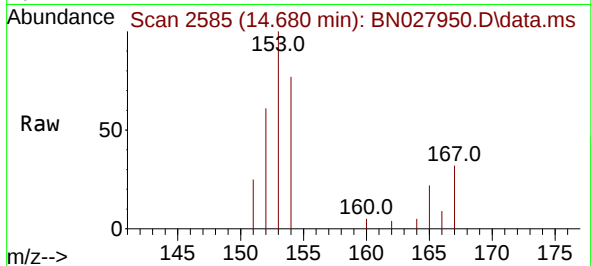




#11
Acenaphthene
Concen: 5.670 ng/ul
RT: 14.680 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

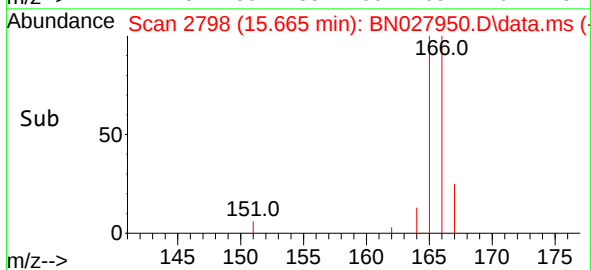
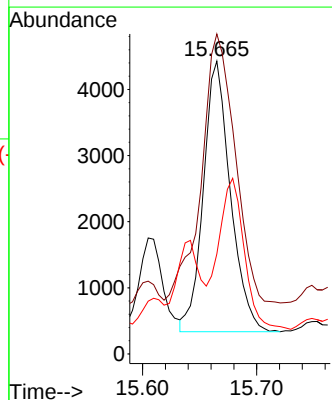
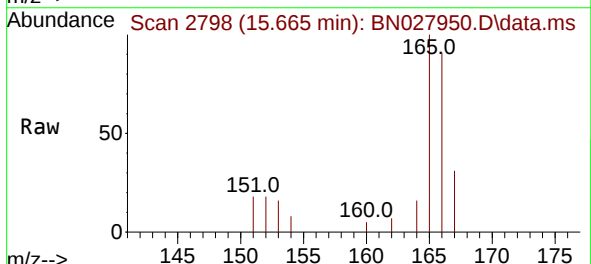
Instrument :
BNA_N
ClientSampleId :
EZY7

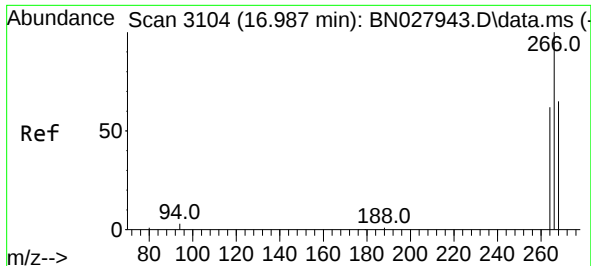
Tgt Ion:153 Resp: 7708
Ion Ratio Lower Upper
153 100
152 60.8 41.7 62.5
154 76.8 70.3 105.5



#12
Fluorene
Concen: 4.217 ng/ul
RT: 15.665 min Scan# 2798
Delta R.T. 0.014 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

Tgt Ion:166 Resp: 6741
Ion Ratio Lower Upper
166 100
165 109.3 78.0 117.0
167 34.2 11.4 17.2#





#14

Pentachlorophenol

Concen: 0.131 ng/ul

RT: 16.995 min Scan# 3106

Delta R.T. 0.008 min

Lab File: BN027950.D

Acq: 29 Sep 2023 06:20

Instrument :

BNA_N

ClientSampleId :

EZY7

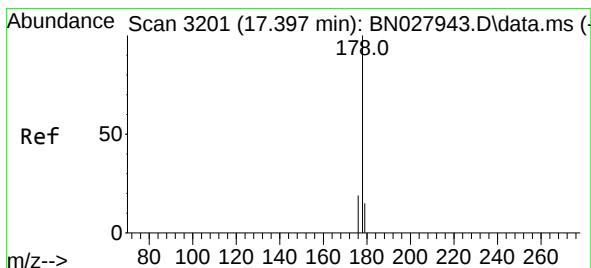
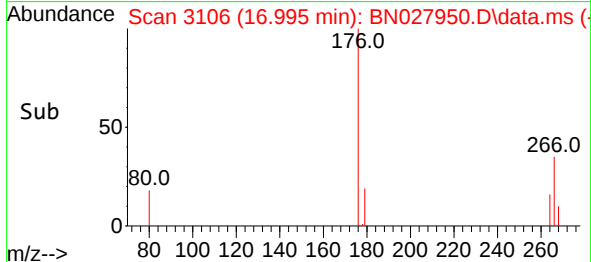
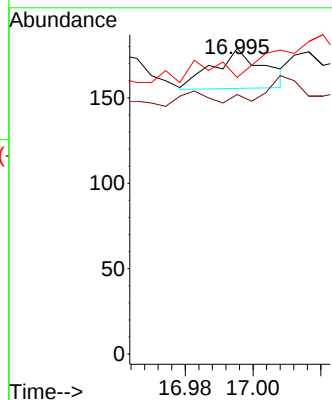
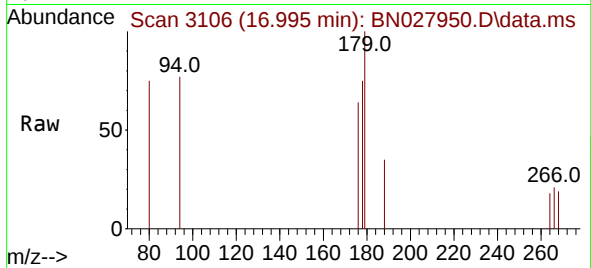
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 41.7 49.6 74.4#

268 0.0 50.7 76.1#



#15

Phenanthrene

Concen: 78.134 ng/ul

RT: 17.413 min Scan# 3205

Delta R.T. 0.017 min

Lab File: BN027950.D

Acq: 29 Sep 2023 06:20

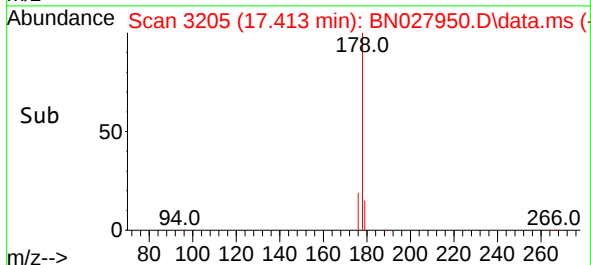
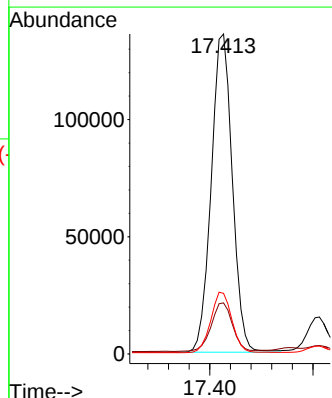
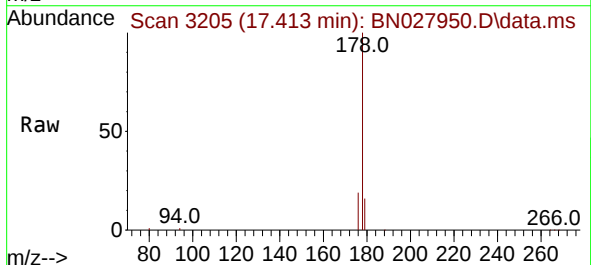
Tgt Ion:178 Resp: 192741

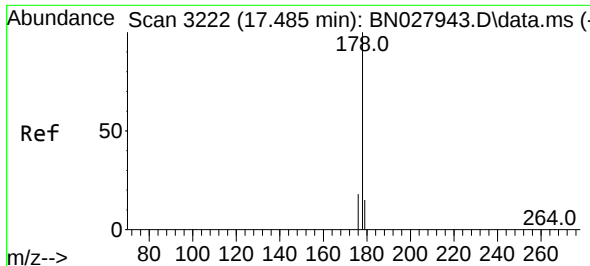
Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.0 16.0 24.0

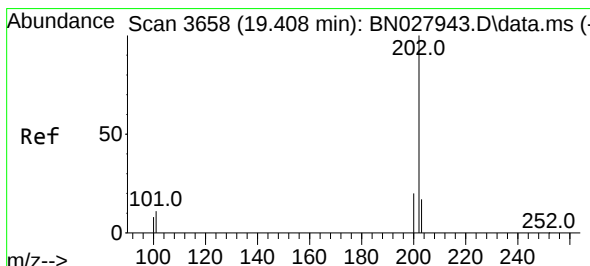
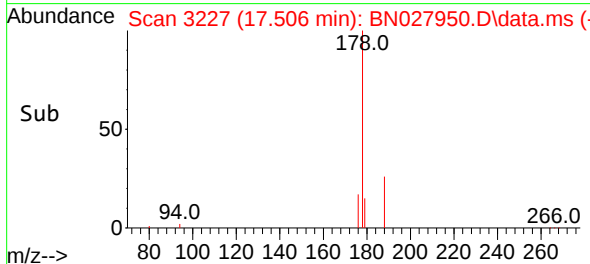
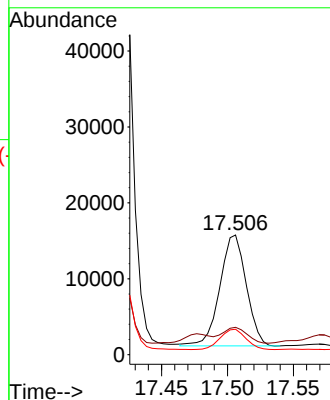
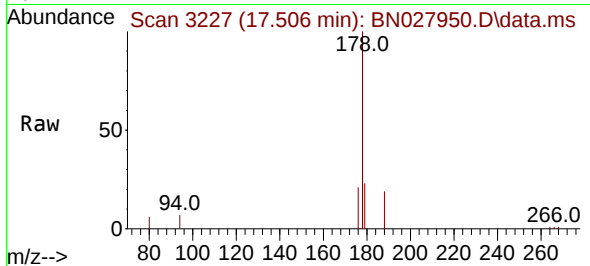




#16
 Anthracene
 Concen: 9.872 ng/ul
 RT: 17.506 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BN027950.D
 Acq: 29 Sep 2023 06:20

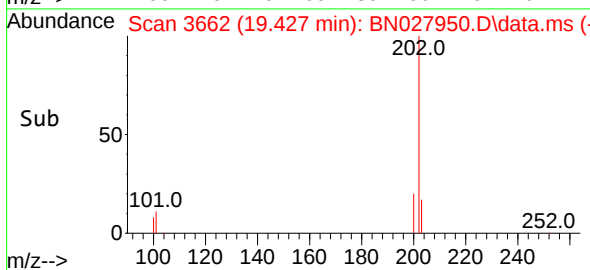
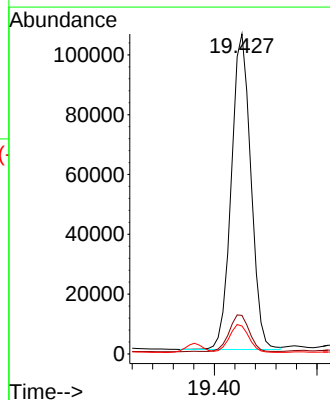
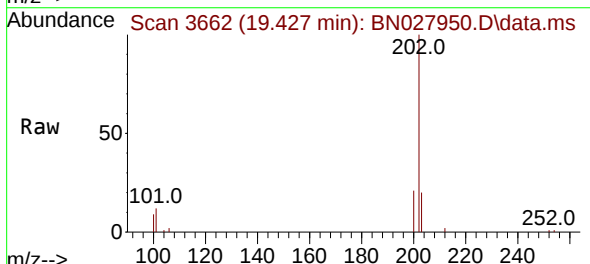
Instrument :
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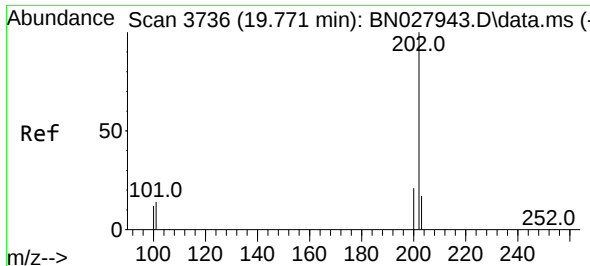
Tgt Ion:178 Resp: 20390
 Ion Ratio Lower Upper
 178 100
 179 22.9 12.6 19.0#
 176 21.3 15.5 23.3



#19
 Fluoranthene
 Concen: 51.076 ng/ul
 RT: 19.427 min Scan# 3662
 Delta R.T. 0.019 min
 Lab File: BN027950.D
 Acq: 29 Sep 2023 06:20

Tgt Ion:202 Resp: 139001
 Ion Ratio Lower Upper
 202 100
 101 12.1 9.3 13.9
 100 8.8 7.0 10.4

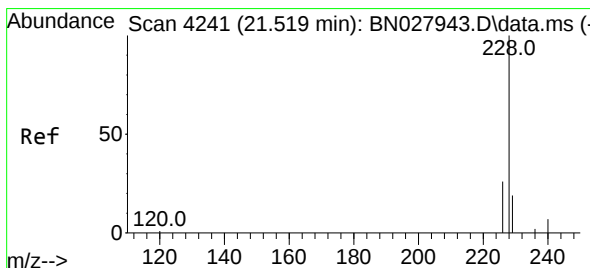
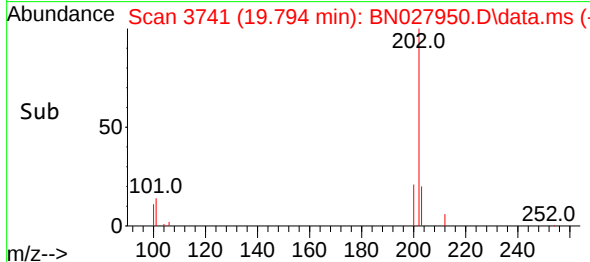
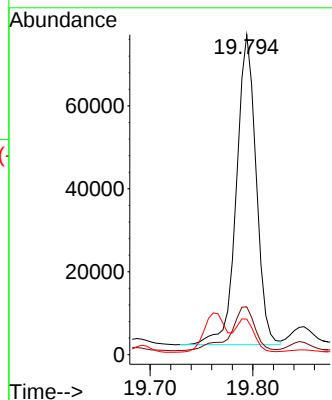
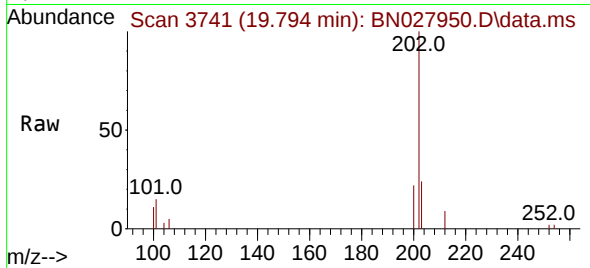




#20
Pyrene
Concen: 35.404 ng/u1
RT: 19.794 min Scan# 31
Delta R.T. 0.019 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

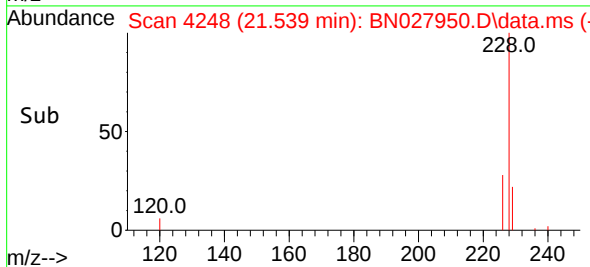
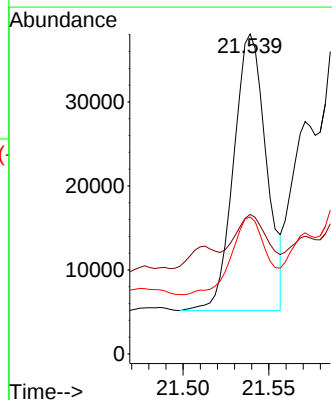
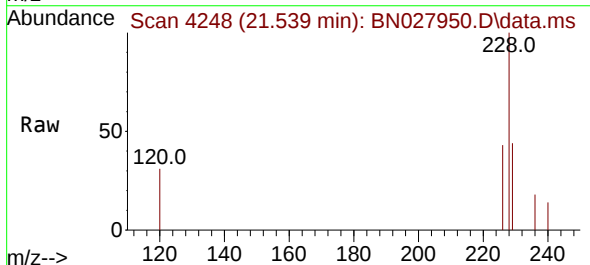
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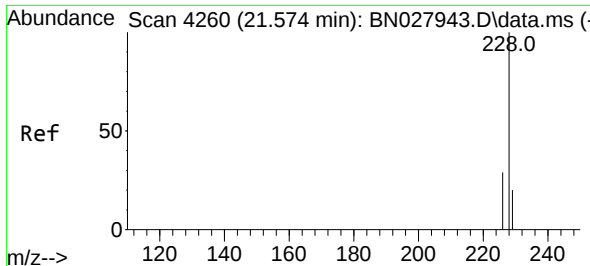
Tgt Ion:202 Resp: 99253
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.1 9.1 13.7



#21
Benzo(a)anthracene
Concen: 16.755 ng/u1
RT: 21.539 min Scan# 4248
Delta R.T. 0.020 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

Tgt Ion:228 Resp: 43632
Ion Ratio Lower Upper
228 100
229 43.6 15.8 23.8#
226 42.8 22.0 33.0#





#22

Chrysene

Concen: 21.881 ng/ul

RT: 21.595 min Scan# 41

Delta R.T. 0.020 min

Lab File: BN027950.D

Acq: 29 Sep 2023 06:20

Instrument :

BNA_N

ClientSampleId :

EZY7

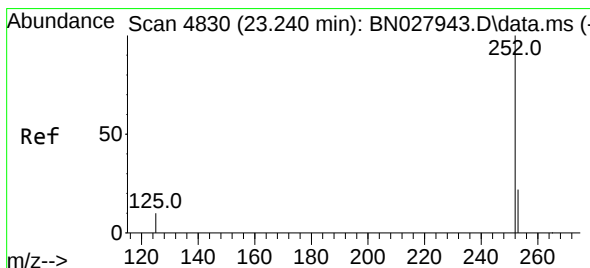
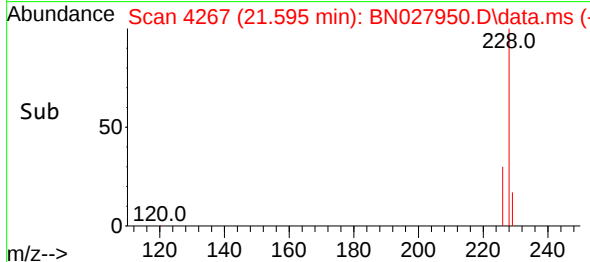
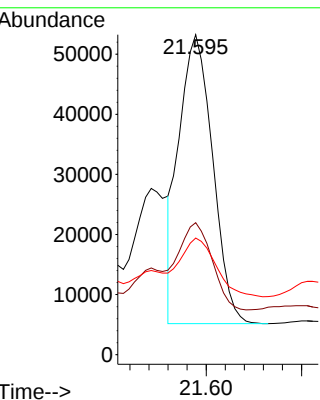
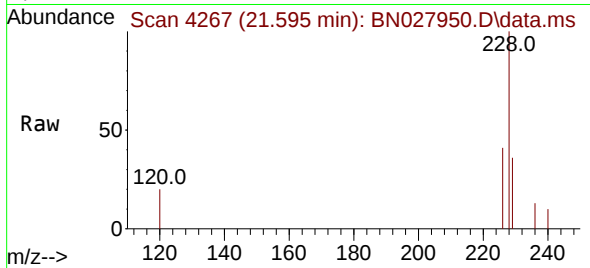
Tgt Ion:228 Resp: 58878

Ion Ratio Lower Upper

228 100

226 41.2 24.5 36.7#

229 36.5 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 746.271 ng/ul

RT: 23.278 min Scan# 4843

Delta R.T. 0.038 min

Lab File: BN027950.D

Acq: 29 Sep 2023 06:20

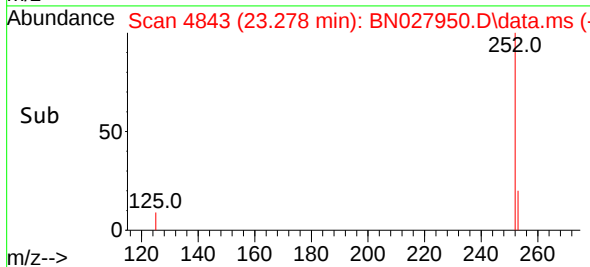
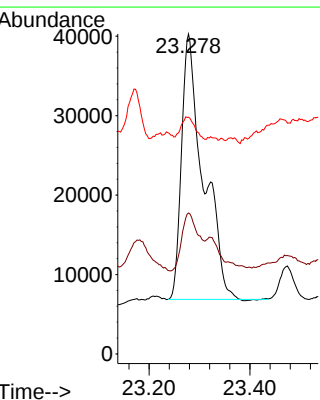
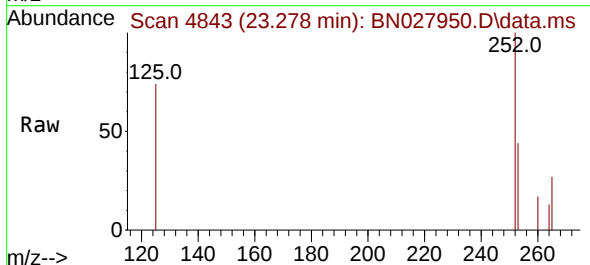
Tgt Ion:252 Resp: 99795

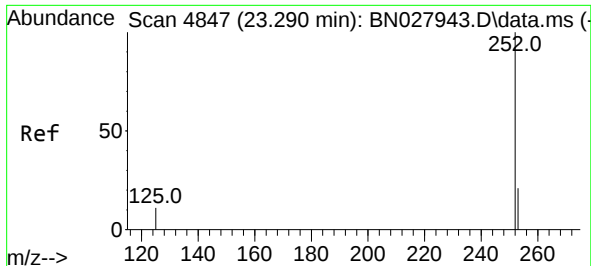
Ion Ratio Lower Upper

252 100

253 44.1 0.0 50.2

125 74.0 0.0 31.4#

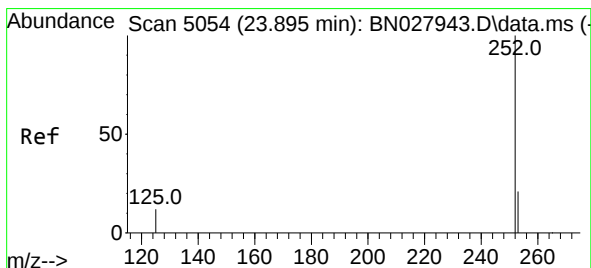
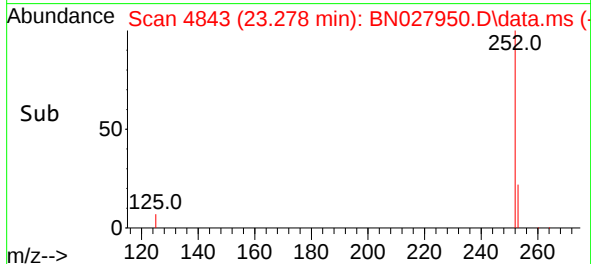
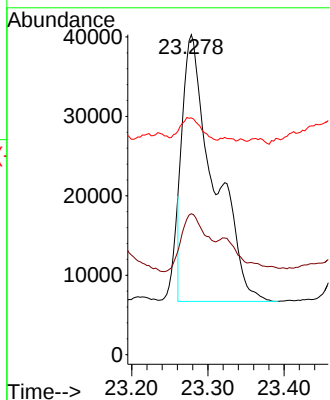
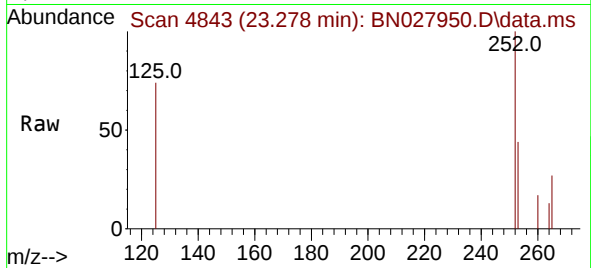




#25
Benzo(k)fluoranthene
Concen: 735.105 ng/ul
RT: 23.278 min Scan# 4847
Delta R.T. -0.015 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

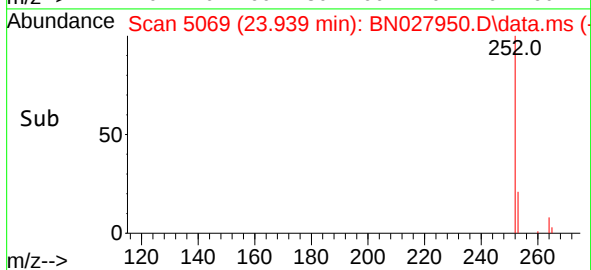
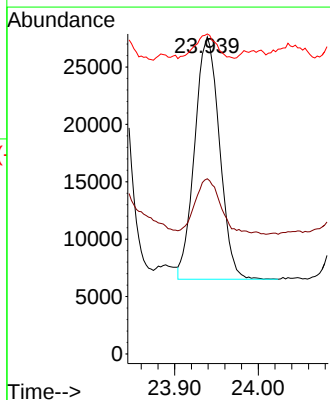
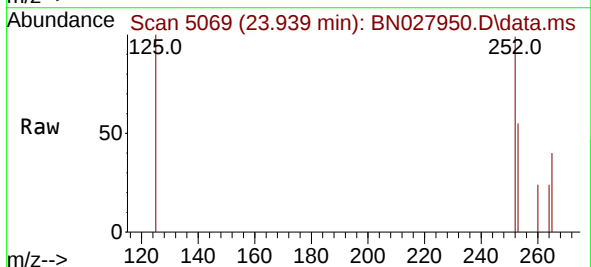
Instrument :
BNA_N
ClientSampleId :
EZY7

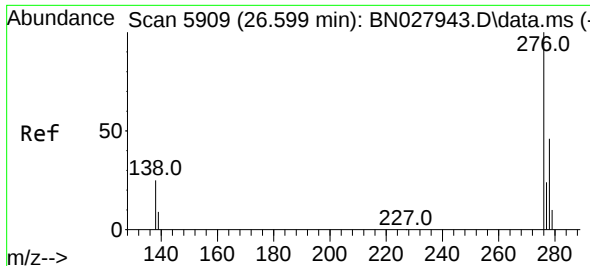
Tgt Ion:252 Resp: 95280
Ion Ratio Lower Upper
252 100
253 44.1 19.9 29.9#
125 74.0 12.6 19.0#



#26
Benzo(a)pyrene
Concen: 405.397 ng/ul
RT: 23.939 min Scan# 5069
Delta R.T. 0.044 min
Lab File: BN027950.D
Acq: 29 Sep 2023 06:20

Tgt Ion:252 Resp: 43599
Ion Ratio Lower Upper
252 100
253 55.3 21.9 32.9#
125 100.9 15.5 23.3#

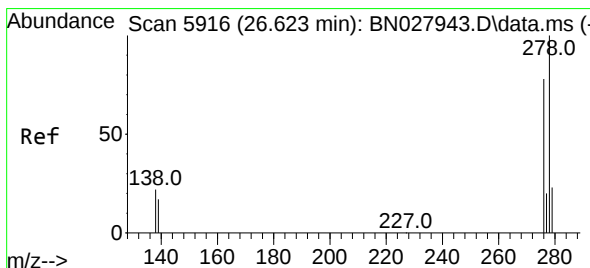
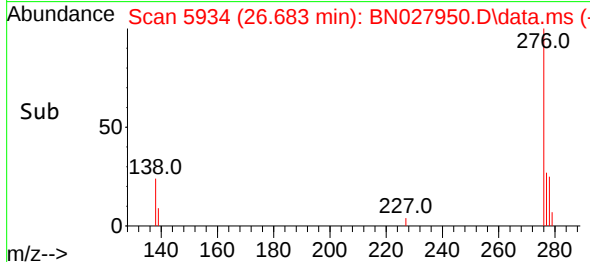
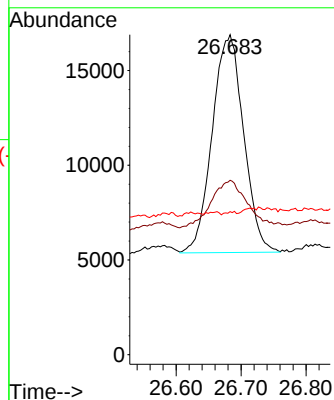
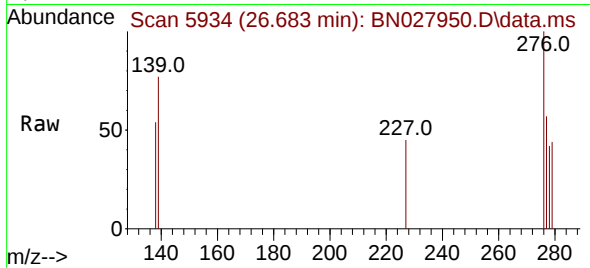




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 280.341 ng/ul
 RT: 26.683 min Scan# 5934
 Delta R.T. 0.084 min
 Lab File: BN027950.D
 Acq: 29 Sep 2023 06:20

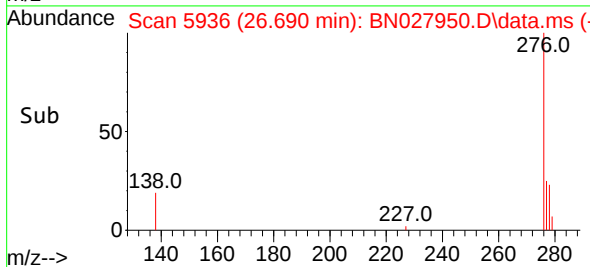
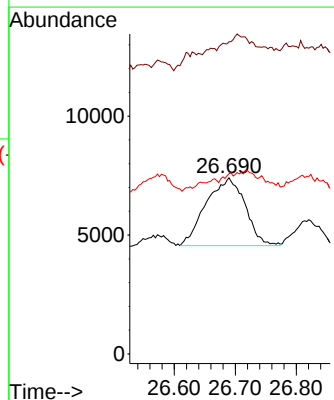
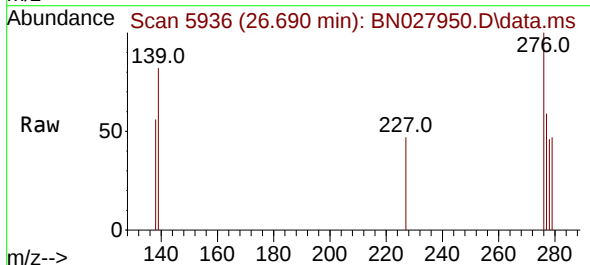
Instrument :
 BNA_N
 ClientSampleId :
 EZYE7

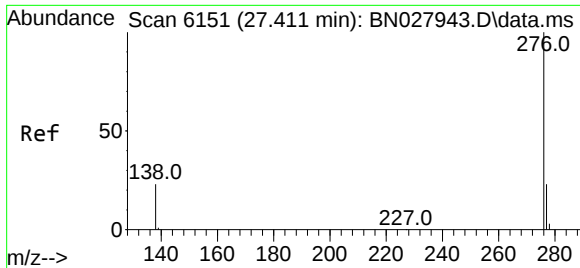
Tgt Ion:276 Resp: 38632
 Ion Ratio Lower Upper
 276 100
 138 25.4 24.3 36.5
 227 0.5 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 114.560 ng/ul
 RT: 26.690 min Scan# 5936
 Delta R.T. 0.067 min
 Lab File: BN027950.D
 Acq: 29 Sep 2023 06:20

Tgt Ion:278 Resp: 12712
 Ion Ratio Lower Upper
 278 100
 139 177.2 17.2 25.8#
 279 102.3 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 392.657 ng/ul
 RT: 27.511 min Scan# 61
 Delta R.T. 0.101 min
 Lab File: BN027950.D
 Acq: 29 Sep 2023 06:20

Instrument :
 BNA_N
 ClientSampleId :
 EZEY7

Tgt Ion:	276	Resp:	45954
Ion Ratio	Lower	Upper	
276	100		
138	54.5	21.7	32.5#
277	53.1	20.2	30.2#

