

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028127.D
 Acq On : 07 Oct 2023 19:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4293

Quant Time: Oct 08 00:52:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

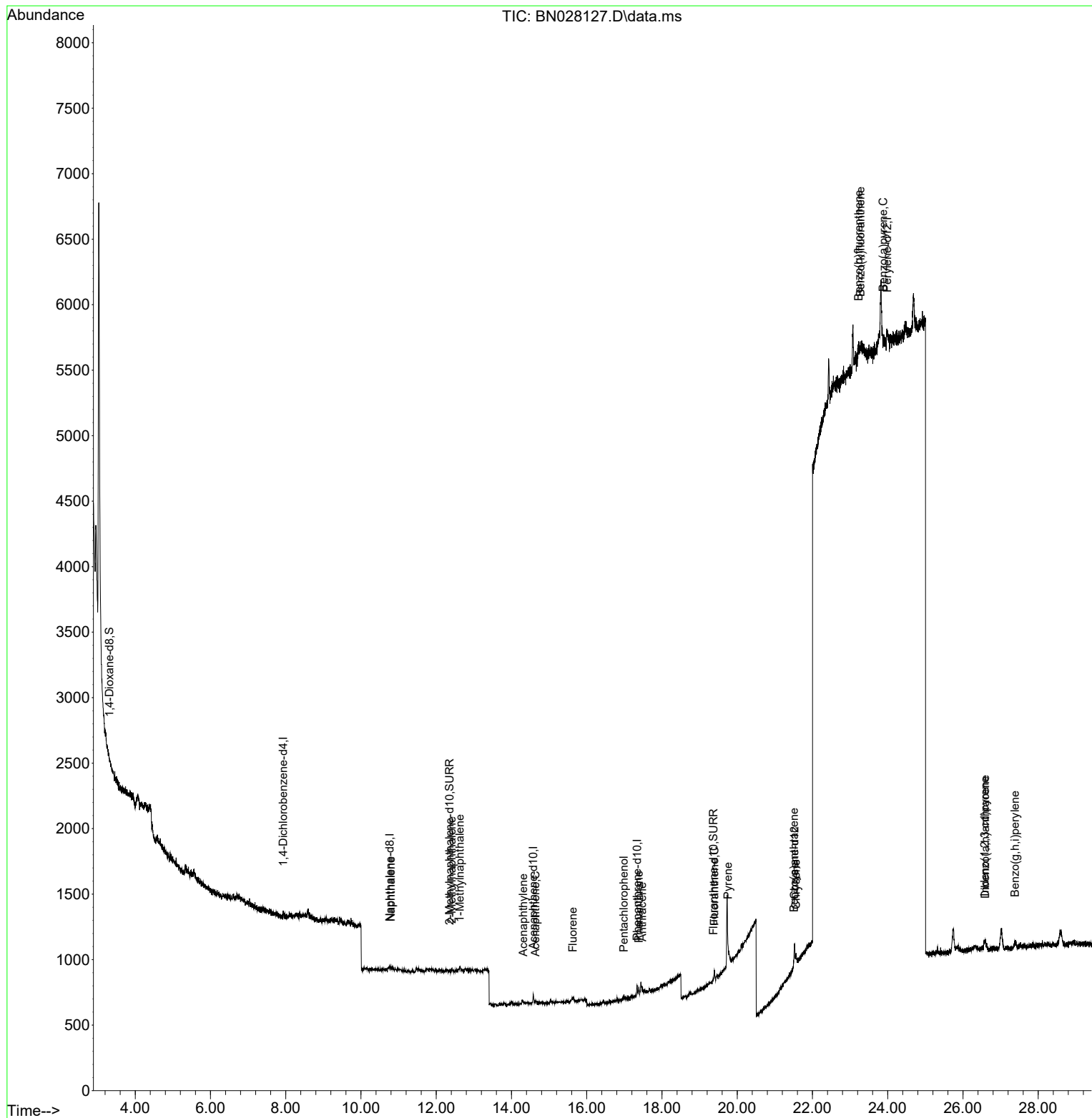
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	19	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.762	136	52	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.578	164	40	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.337	188	116	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.524	240	182	0.400	ng/ul	# 0.00
23) Perylene-d12	23.985	264	150	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.313	96	24	1.006	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.357	152	4	0.048	ng/ul	0.02
18) Fluoranthene-d10	19.366	212	13	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	59	0.400	ng/ul#	1
7) 2-Methylnaphthalene	12.412	142	20	0.215	ng/ul#	1
8) 1-Methylnaphthalene	12.627	142	29	0.301	ng/ul#	46
10) Acenaphthylene	14.310	152	29	0.160	ng/ul#	1
11) Acenaphthene	14.638	153	17	0.118	ng/ul#	71
12) Fluorene	15.633	166	31	0.193	ng/ul#	37
14) Pentachlorophenol	16.982	266	14	0.563	ng/ul#	1
15) Phenanthrene	17.384	178	78	0.226	ng/ul#	1
16) Anthracene	17.472	178	24	0.078	ng/ul#	1
19) Fluoranthene	19.394	202	76	0.109	ng/ul#	1
20) Pyrene	19.752	202	78	0.108	ng/ul#	1
21) Benzo(a)anthracene	21.507	228	101	0.152	ng/ul#	1
22) Chrysene	21.559	228	83	0.124	ng/ul#	1
24) Benzo(b)fluoranthene	23.225	252	221	0.397	ng/ul#	1
25) Benzo(k)fluoranthene	23.278	252	91	0.164	ng/ul#	1
26) Benzo(a)pyrene	23.877	252	49	0.103	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.579	276	66	0.115	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.592	278	106	0.227	ng/ul#	1
29) Benzo(g,h,i)perylene	27.380	276	100	0.213	ng/ul#	1

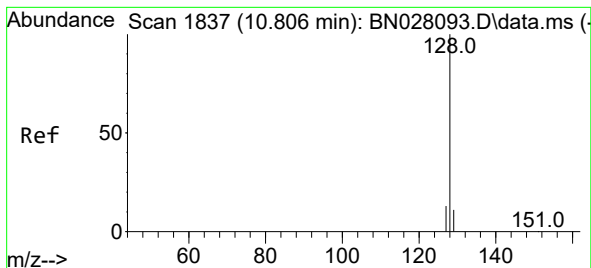
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.400 ng/ul

RT: 10.795 min Scan# 1835

Delta R.T. -0.011 min

Lab File: BN028127.D

Acq: 07 Oct 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293

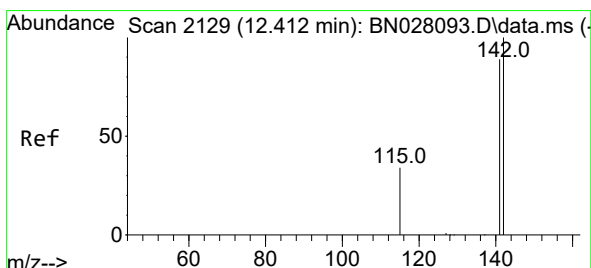
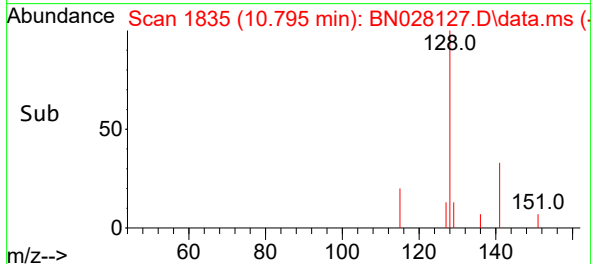
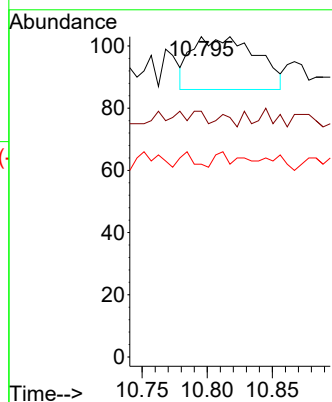
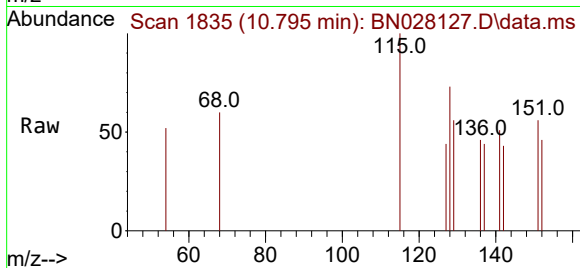
Tgt Ion:128 Resp: 59

Ion Ratio Lower Upper

128 100

129 76.7 9.4 14.0#

127 60.2 11.0 16.4#



#7

2-Methylnaphthalene

Concen: 0.215 ng/ul

RT: 12.412 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BN028127.D

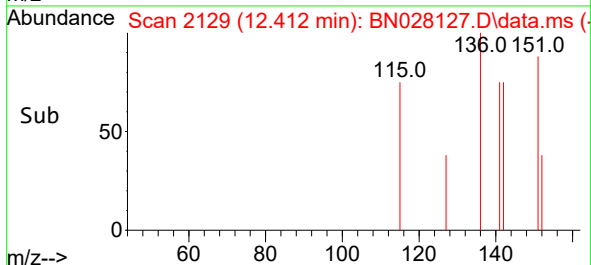
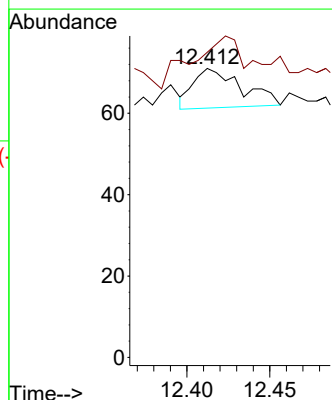
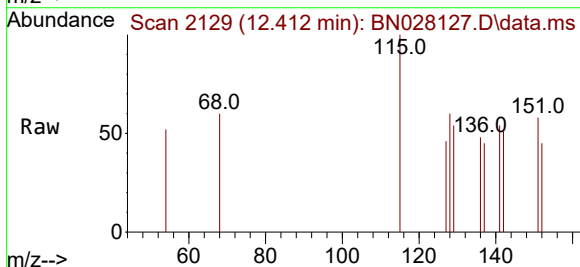
Acq: 07 Oct 2023 19:02

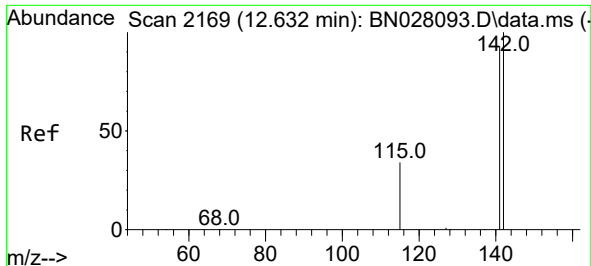
Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

142 100

141 230.0 70.9 106.3#

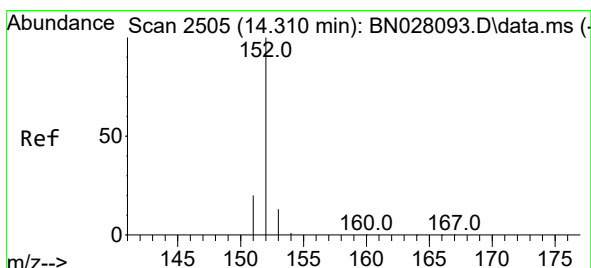
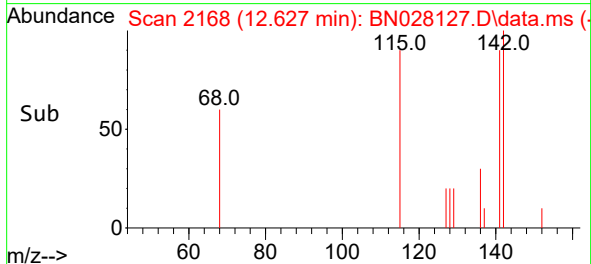
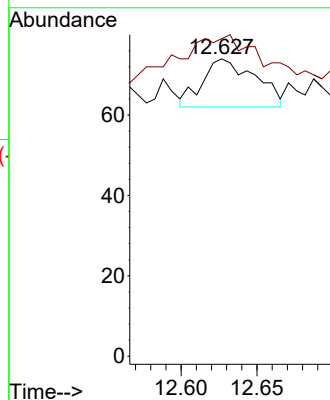
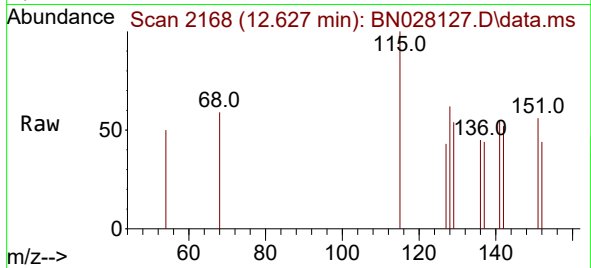




#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN028127.D
Acq: 07 Oct 2023 19:02

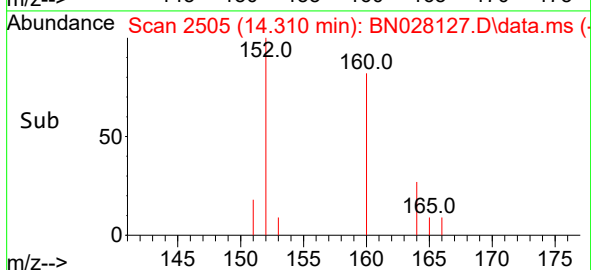
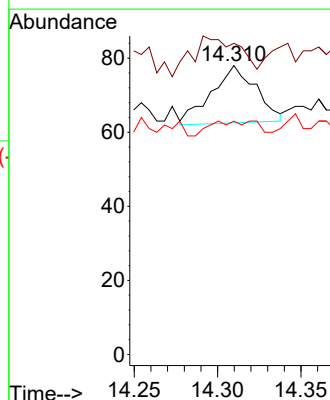
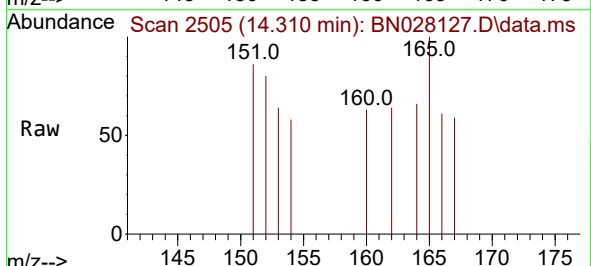
Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

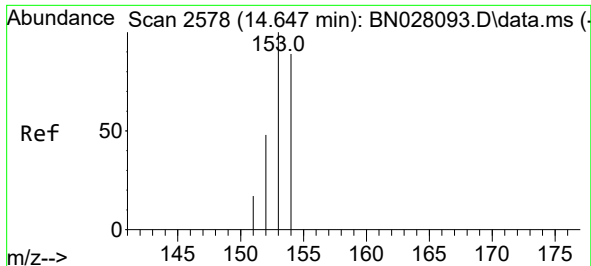
Tgt Ion:142 Resp: 29
Ion Ratio Lower Upper
142 100
141 144.8 74.4 111.6#



#10
Acenaphthylene
Concen: 0.160 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN028127.D
Acq: 07 Oct 2023 19:02

Tgt Ion:152 Resp: 29
Ion Ratio Lower Upper
152 100
151 107.7 16.4 24.6#
153 80.8 10.9 16.3#

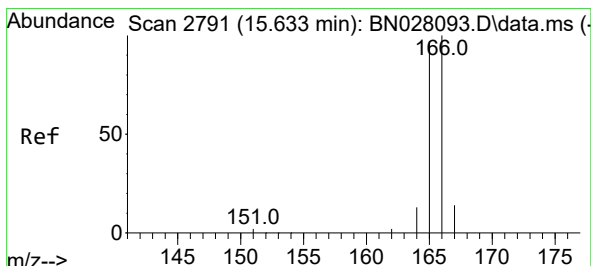
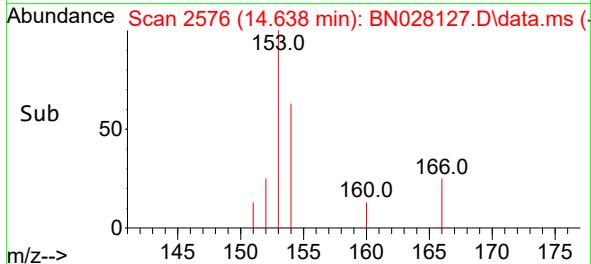
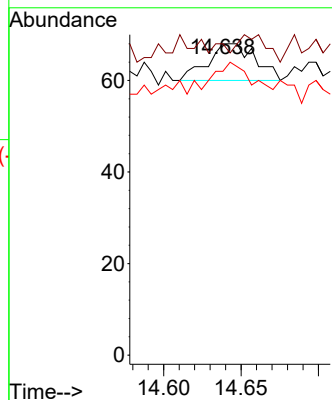
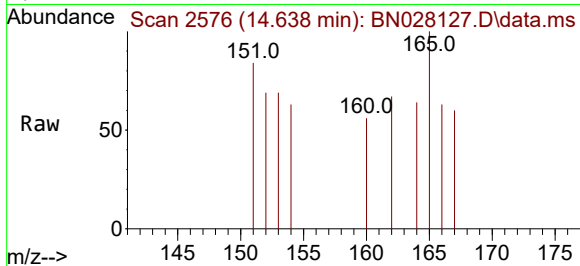




#11
Acenaphthene
Concen: 0.118 ng/ul
RT: 14.638 min Scan# 2576
Delta R.T. -0.005 min
Lab File: BN028127.D
Acq: 07 Oct 2023 19:02

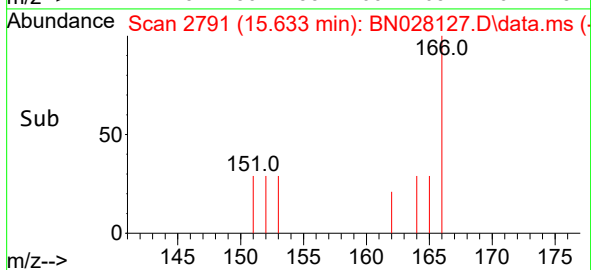
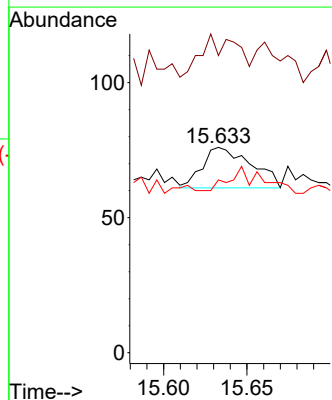
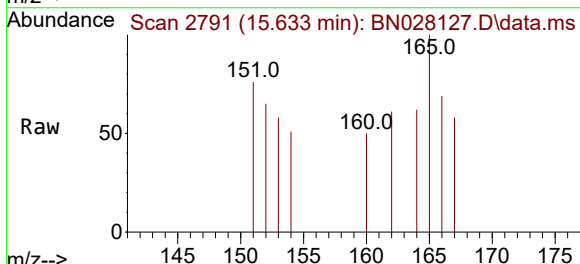
Instrument :
BNA_N
ClientSampleId :
SSTD0.4293

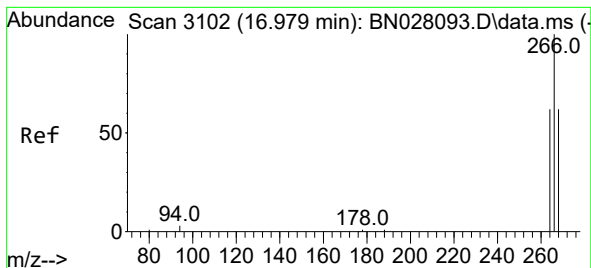
Tgt Ion:153 Resp: 17
Ion Ratio Lower Upper
153 100
152 100.0 39.4 59.0#
154 91.2 70.2 105.4



#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.633 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BN028127.D
Acq: 07 Oct 2023 19:02

Tgt Ion:166 Resp: 31
Ion Ratio Lower Upper
166 100
165 144.7 78.5 117.7#
167 84.2 11.2 16.8#





#14

Pentachlorophenol

Concen: 0.563 ng/ul

RT: 16.982 min Scan# 3103

Delta R.T. 0.012 min

Lab File: BN028127.D

Acq: 07 Oct 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293

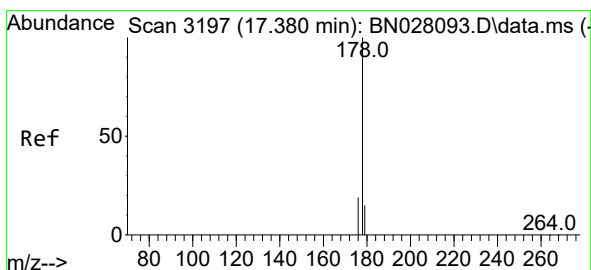
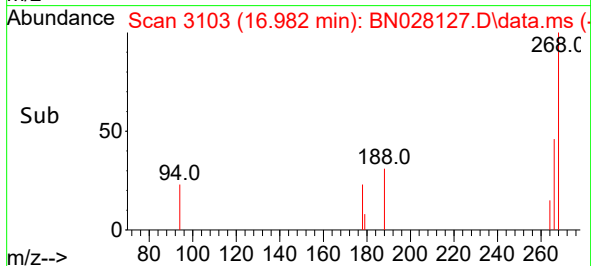
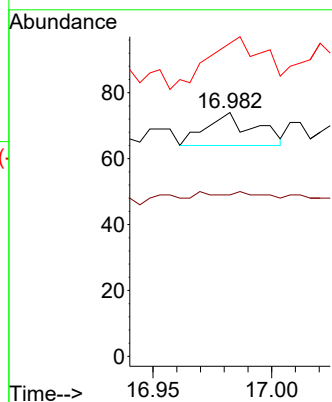
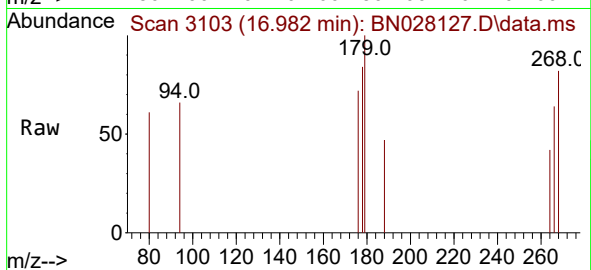
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 35.7 49.6 74.4#

268 200.0 52.2 78.4#



#15

Phenanthrene

Concen: 0.226 ng/ul

RT: 17.384 min Scan# 3198

Delta R.T. 0.008 min

Lab File: BN028127.D

Acq: 07 Oct 2023 19:02

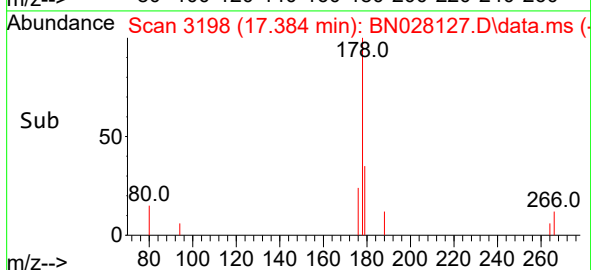
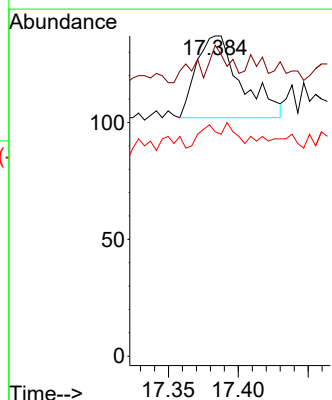
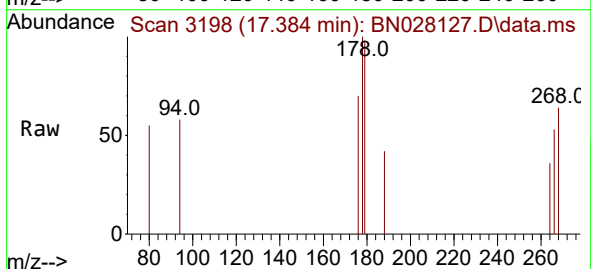
Tgt Ion:178 Resp: 78

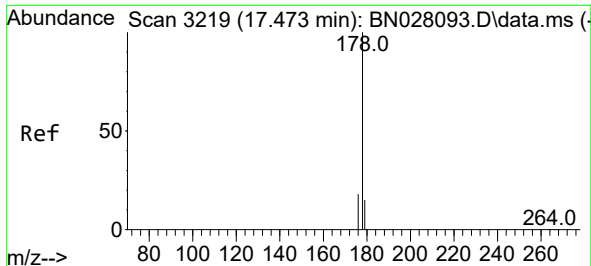
Ion Ratio Lower Upper

178 100

179 97.1 12.6 19.0#

176 70.1 15.5 23.3#

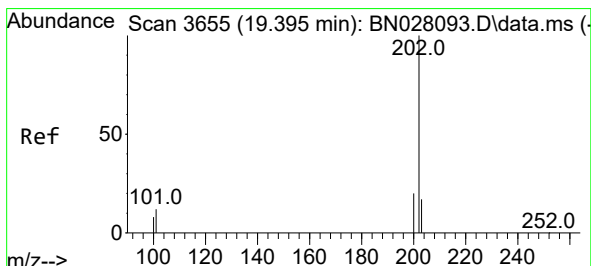
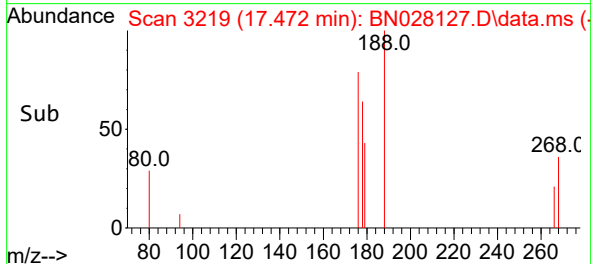
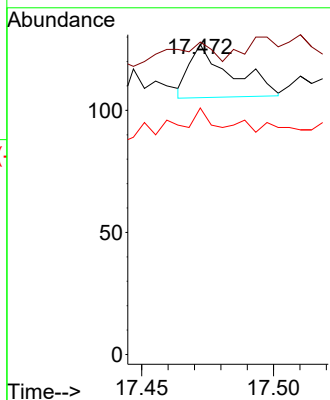
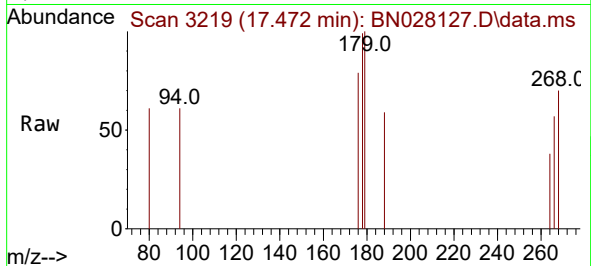




#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.472 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN028127.D
 Acq: 07 Oct 2023 19:02

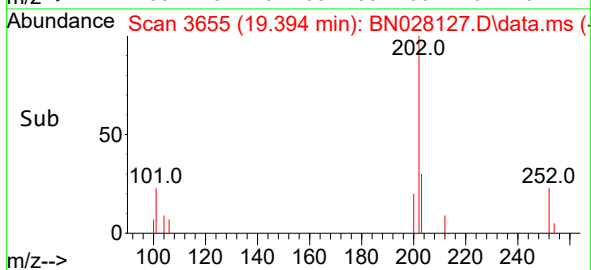
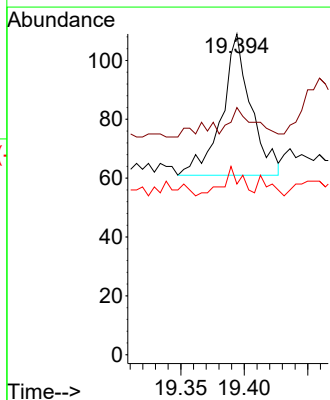
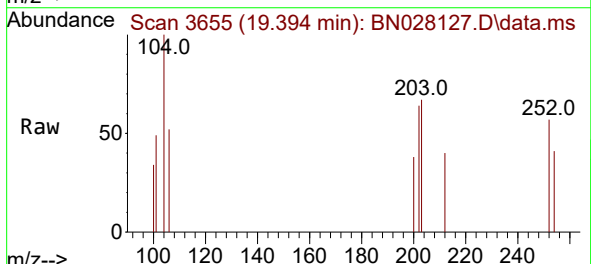
Instrument :
 BNA_N
 ClientSampleId :
 SST00.4293

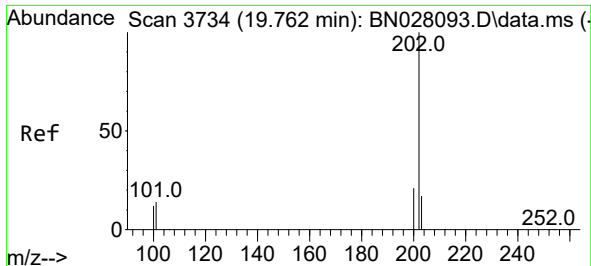
Tgt Ion:178 Resp: 24
 Ion Ratio Lower Upper
 178 100
 179 100.8 12.8 19.2#
 176 79.5 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.109 ng/ul
 RT: 19.394 min Scan# 3655
 Delta R.T. 0.004 min
 Lab File: BN028127.D
 Acq: 07 Oct 2023 19:02

Tgt Ion:202 Resp: 76
 Ion Ratio Lower Upper
 202 100
 101 77.1 9.6 14.4#
 100 53.2 7.4 11.0#

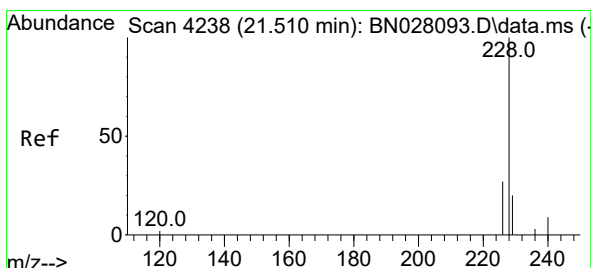
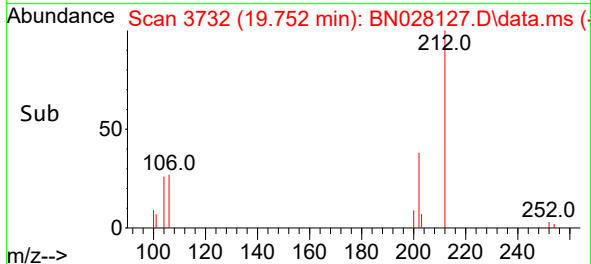
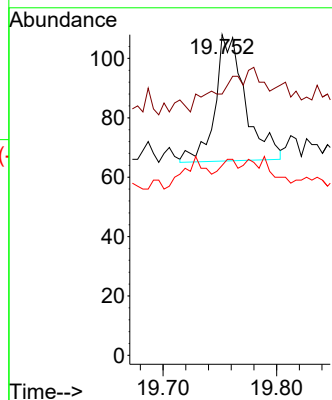
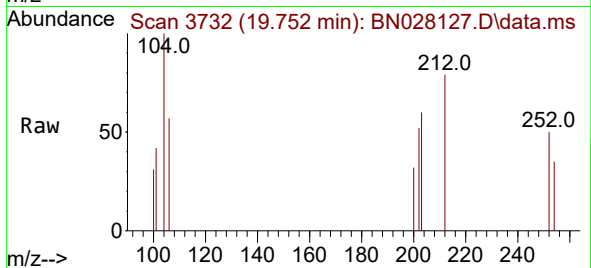




#20
 Pyrene
 Concen: 0.108 ng/ul
 RT: 19.752 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BN028127.D
 Acq: 07 Oct 2023 19:02

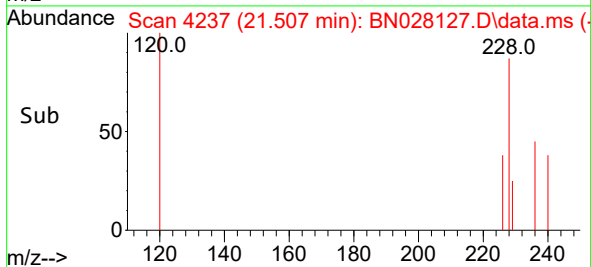
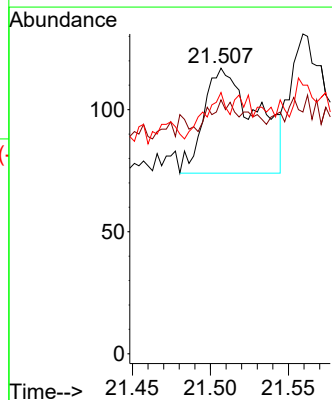
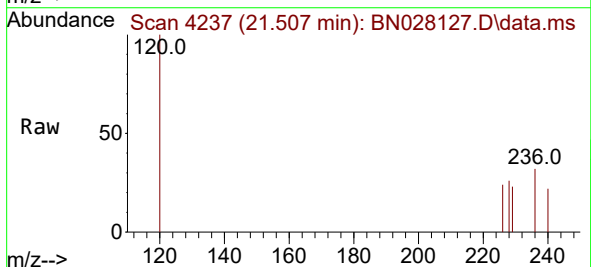
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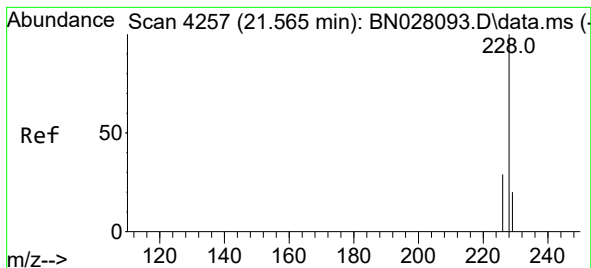
Tgt Ion:202 Resp: 78
 Ion Ratio Lower Upper
 202 100
 101 81.5 11.2 16.8#
 100 59.3 9.1 13.7#



#21
 Benzo(a)anthracene
 Concen: 0.152 ng/ul
 RT: 21.507 min Scan# 4237
 Delta R.T. 0.006 min
 Lab File: BN028127.D
 Acq: 07 Oct 2023 19:02

Tgt Ion:228 Resp: 101
 Ion Ratio Lower Upper
 228 100
 229 88.9 16.0 24.0#
 226 91.5 21.5 32.3#





#22

Chrysene

Concen: 0.124 ng/ul

RT: 21.559 min Scan# 4255

Delta R.T. 0.003 min

Lab File: BN028127.D

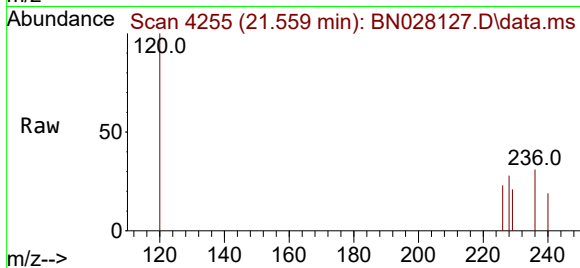
Acq: 07 Oct 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293



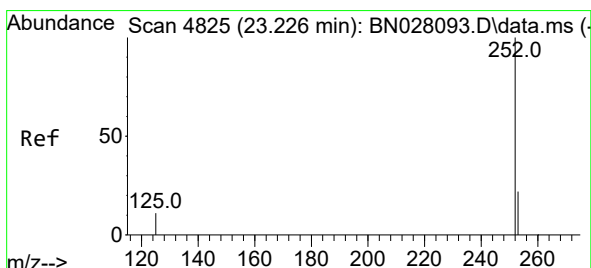
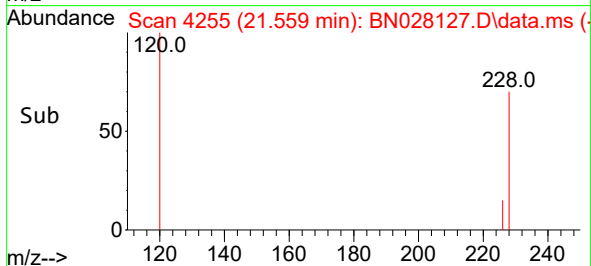
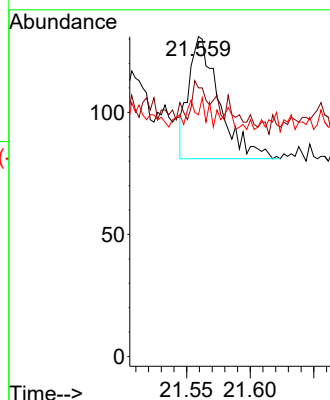
Tgt Ion:228 Resp: 83

Ion Ratio Lower Upper

228 100

226 84.0 23.8 35.8#

229 75.6 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.397 ng/ul

RT: 23.225 min Scan# 4825

Delta R.T. 0.008 min

Lab File: BN028127.D

Acq: 07 Oct 2023 19:02

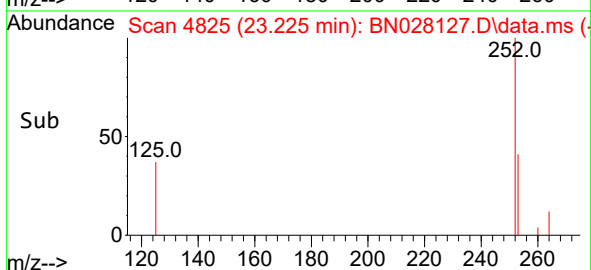
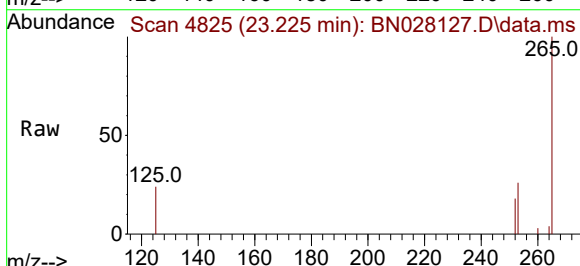
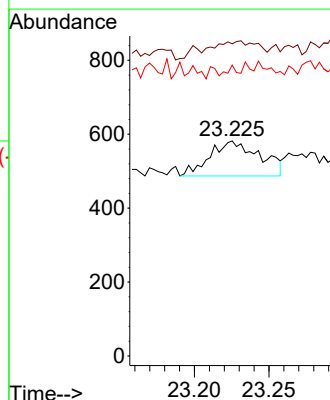
Tgt Ion:252 Resp: 221

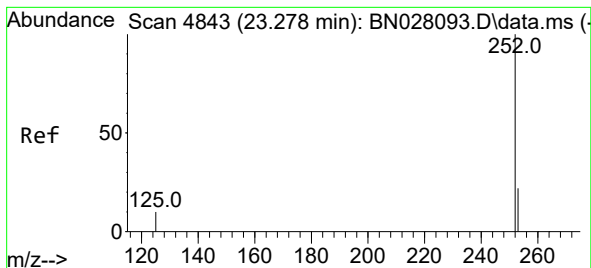
Ion Ratio Lower Upper

252 100

253 145.2 0.0 54.0#

125 135.2 0.0 31.4#





#25

Benzo(k)fluoranthene

Concen: 0.164 ng/ul

RT: 23.278 min Scan# 41

Delta R.T. 0.011 min

Lab File: BN028127.D

Acq: 07 Oct 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293

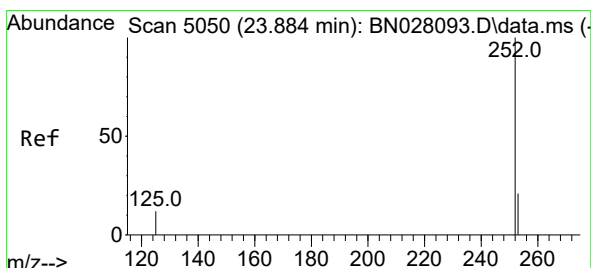
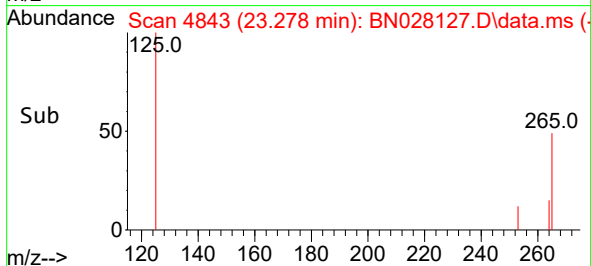
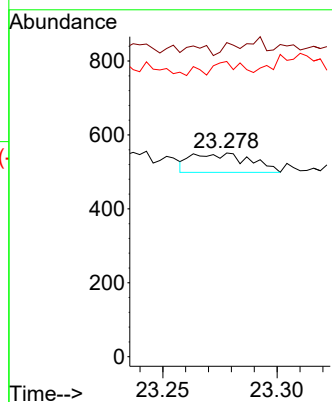
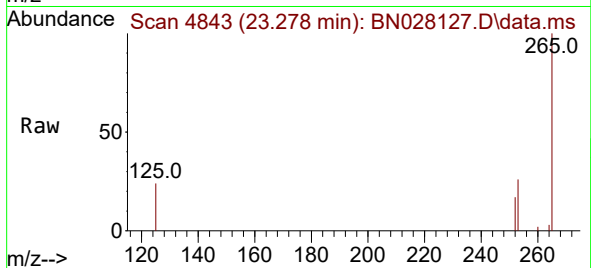
Tgt Ion:252 Resp: 91

Ion Ratio Lower Upper

252 100

253 154.3 21.8 32.8#

125 145.0 12.8 19.2#



#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.877 min Scan# 5048

Delta R.T. 0.008 min

Lab File: BN028127.D

Acq: 07 Oct 2023 19:02

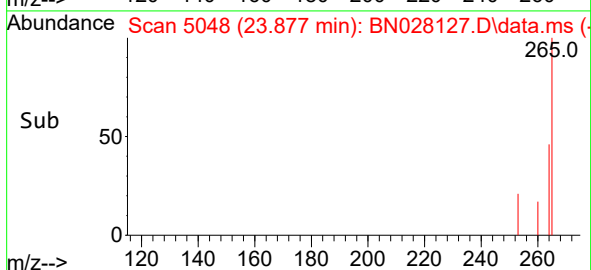
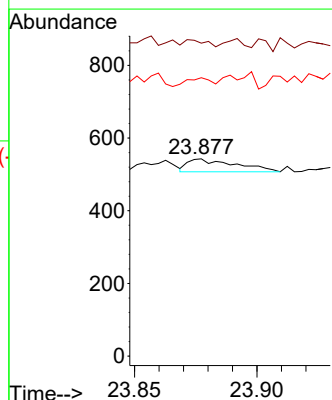
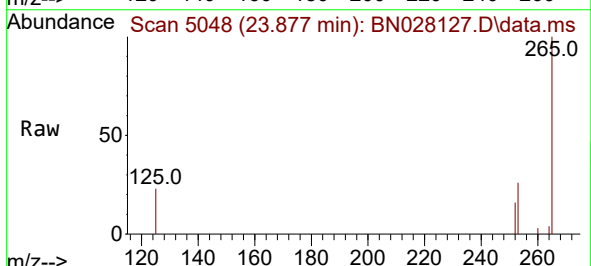
Tgt Ion:252 Resp: 49

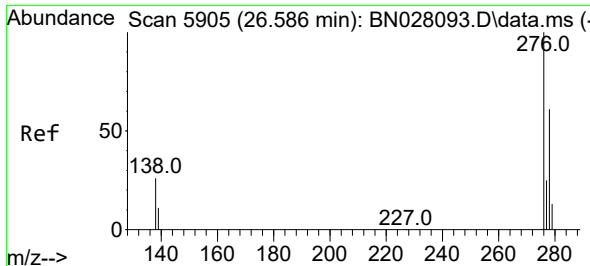
Ion Ratio Lower Upper

252 100

253 158.6 23.4 35.2#

125 141.1 15.3 22.9#

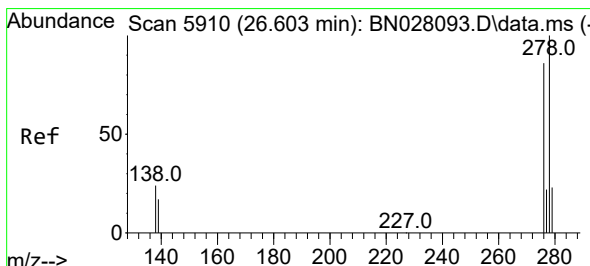
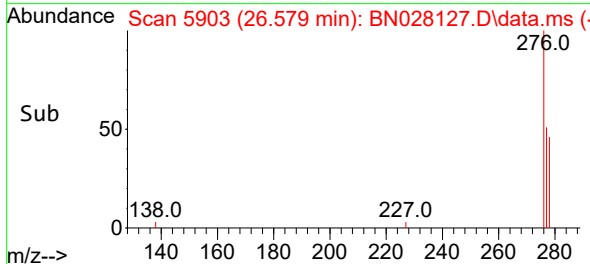
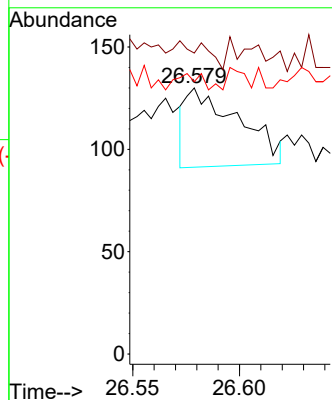
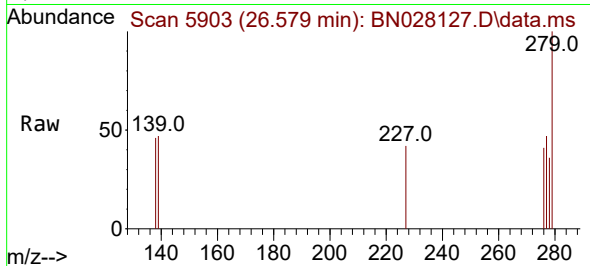




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.115 ng/ul
 RT: 26.579 min Scan# 5905
 Delta R.T. 0.013 min
 Lab File: BN028127.D
 Acq: 07 Oct 2023 19:02

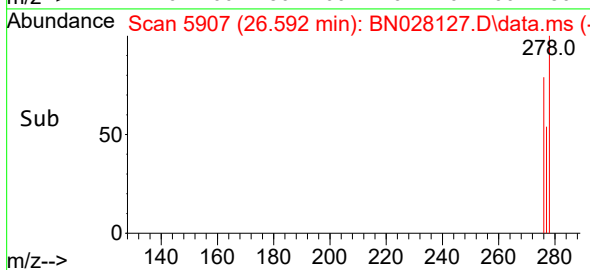
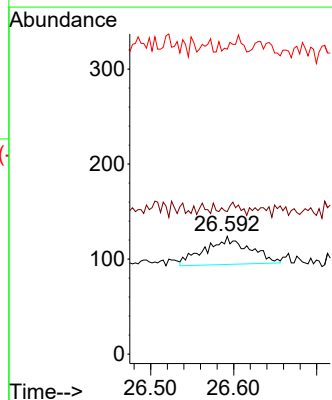
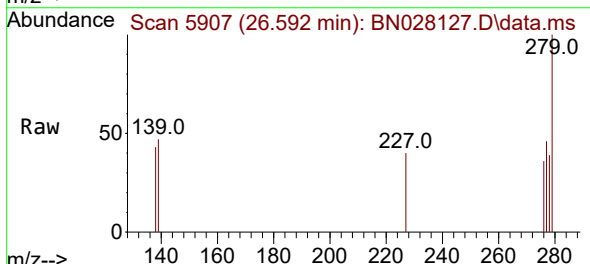
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4293

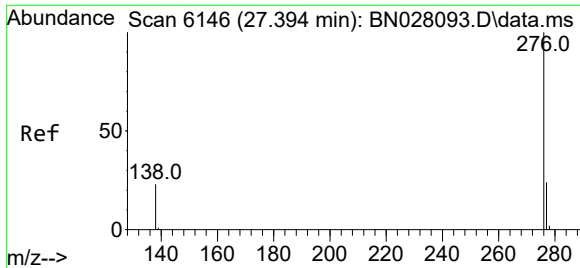
Tgt Ion:276 Resp: 66
 Ion Ratio Lower Upper
 276 100
 138 0.0 21.6 32.4#
 227 10.6 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.227 ng/ul
 RT: 26.592 min Scan# 5907
 Delta R.T. 0.010 min
 Lab File: BN028127.D
 Acq: 07 Oct 2023 19:02

Tgt Ion:278 Resp: 106
 Ion Ratio Lower Upper
 278 100
 139 121.0 15.9 23.9#
 279 258.9 22.8 34.2#





#29

Benzo(g,h,i)perylene

Concen: 0.213 ng/ul

RT: 27.380 min Scan# 61

Delta R.T. 0.003 min

Lab File: BN028127.D

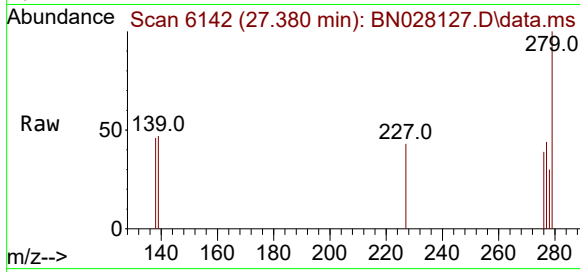
Acq: 07 Oct 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4293



Tgt Ion:276 Resp: 100

Ion Ratio Lower Upper

276 100

138 120.6 19.8 29.6#

277 113.5 20.6 31.0#

