

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027436.D
 Acq On : 07 Sep 2023 10:29
 Operator : MA/JU
 Sample : 04113-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7

Quant Time: Sep 08 01:55:53 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

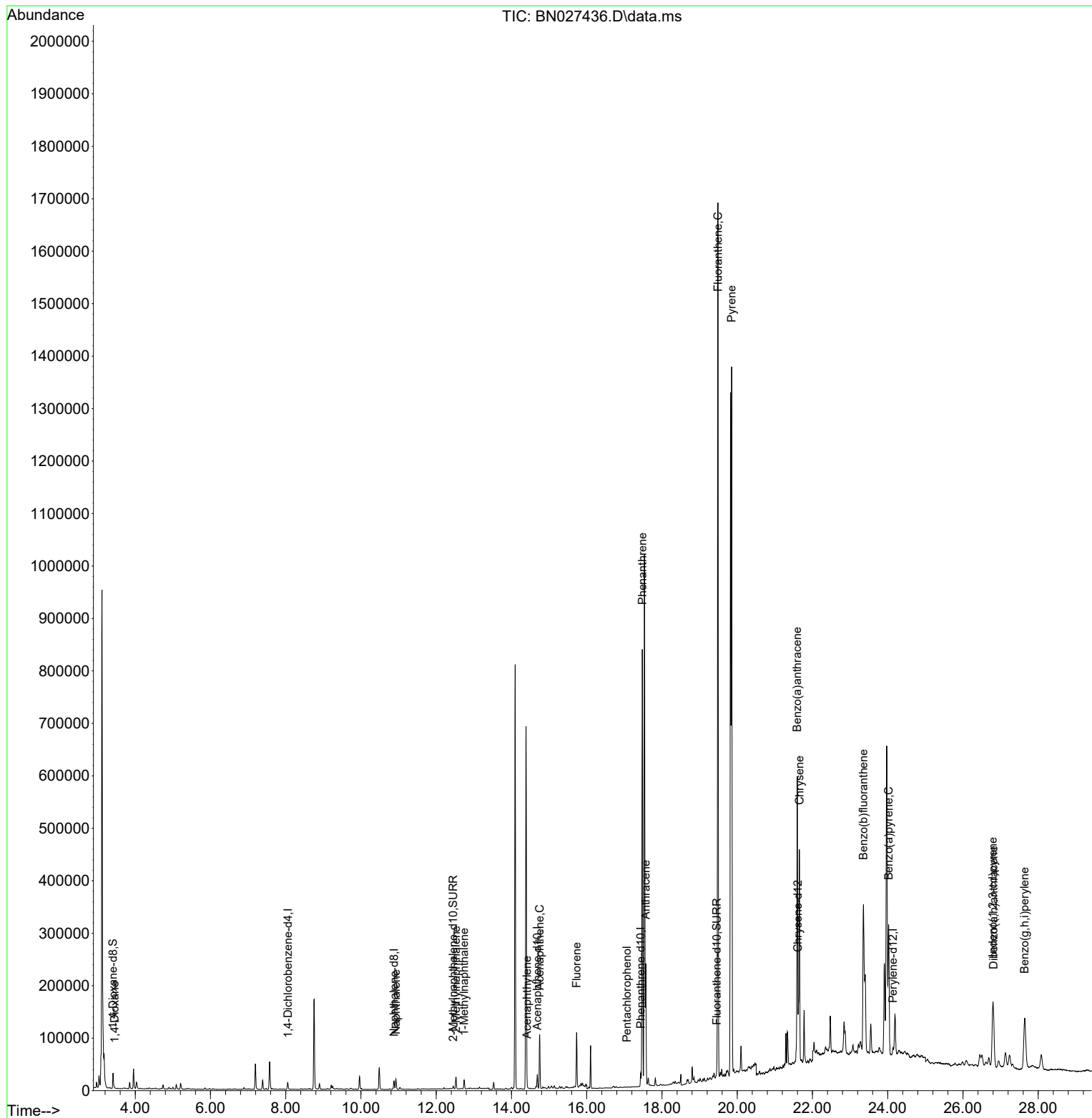
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	6511	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	22266	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	13676	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	29124	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.612	240	19212	0.400	ng/ul	# 0.00
23) Perylene-d12	24.138	264	18698	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	20658	2.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	6512	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	13670	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	186	0.021	ng/ul#	1
5) Naphthalene	10.927	128	26064	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	15943	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	10985	0.255	ng/ul	99
10) Acenaphthylene	14.416	152	5296	0.085	ng/ul#	67
11) Acenaphthene	14.749	153	58990	1.095	ng/ul	96
12) Fluorene	15.730	166	65062	1.078	ng/ul	99
14) Pentachlorophenol	17.067	266	337	0.059	ng/ul#	91
15) Phenanthrene	17.477	178	871429	9.185	ng/ul	99
16) Anthracene	17.569	178	233109	3.091	ng/ul	99
19) Fluoranthene	19.487	202	1423829	16.116	ng/ul	99
20) Pyrene	19.850	202	1149968	12.784	ng/ul	99
21) Benzo(a)anthracene	21.595	228	490691	7.090	ng/ul	96
22) Chrysene	21.653	228	436909	5.408	ng/ul#	93
24) Benzo(b)fluoranthene	23.354	252	714599	8.092	ng/ul	93
26) Benzo(a)pyrene	24.024	252	384670	5.578	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.797	276	241529	3.153	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.814	278	58481	0.999	ng/ul#	27
29) Benzo(g,h,i)perylene	27.639	276	244543	3.537	ng/ul#	93

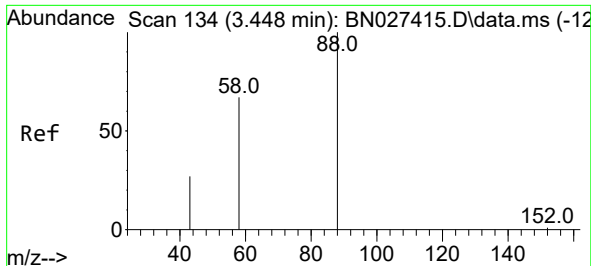
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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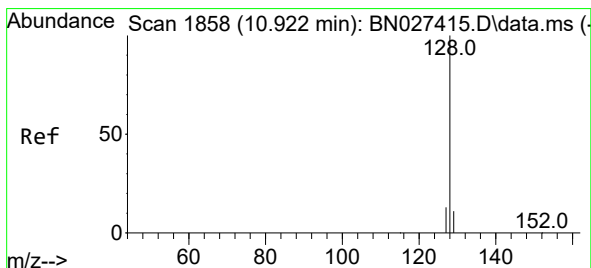
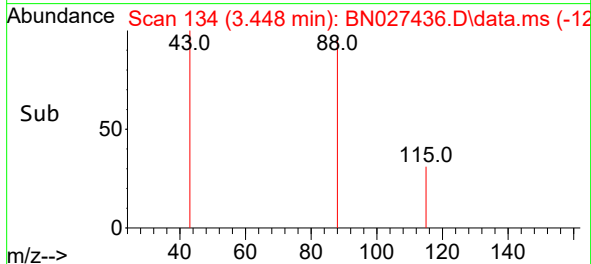
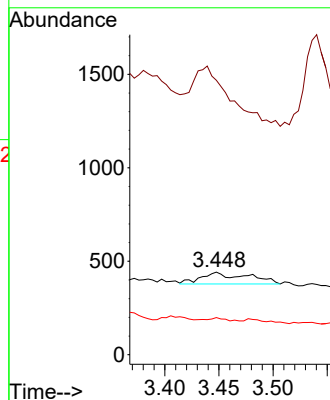
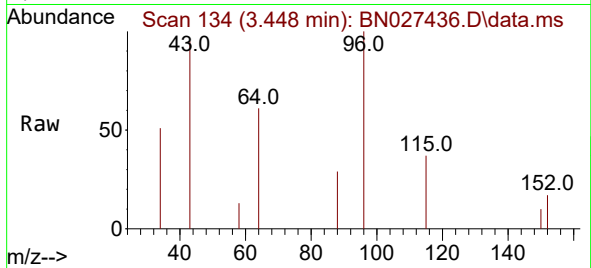




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

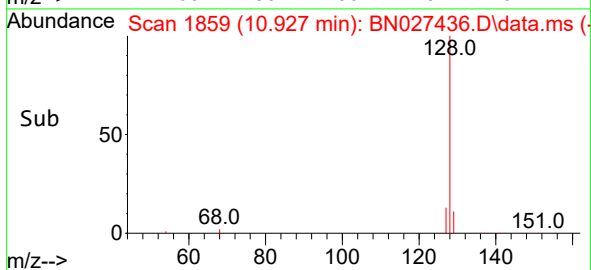
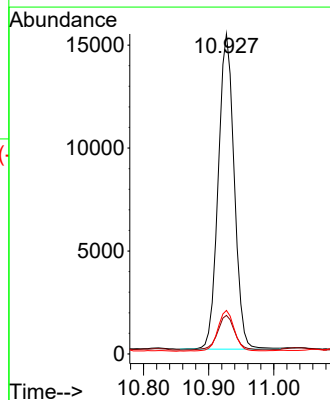
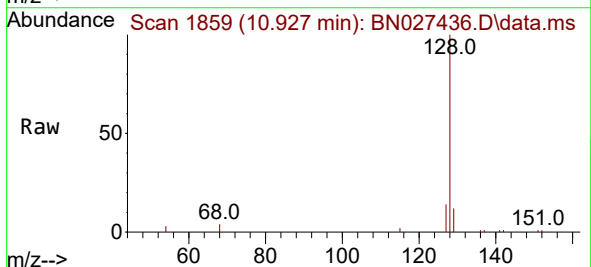
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BNA_N
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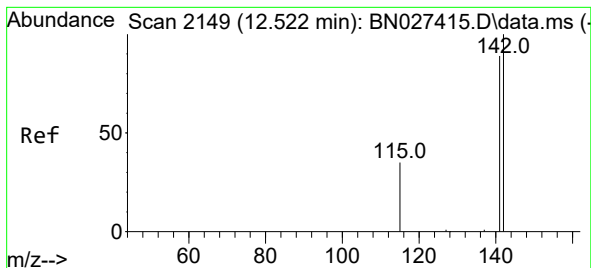
Tgt Ion: 88 Resp: 186
Ion Ratio Lower Upper
88 100
43 332.1 26.8 40.2#
58 45.0 39.9 59.9



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

Tgt Ion:128 Resp: 26064
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 13.6 10.6 16.0





#7

2-Methylnaphthalene

Concen: 0.395 ng/ul

RT: 12.528 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

Instrument :

BNA_N

ClientSampleId :

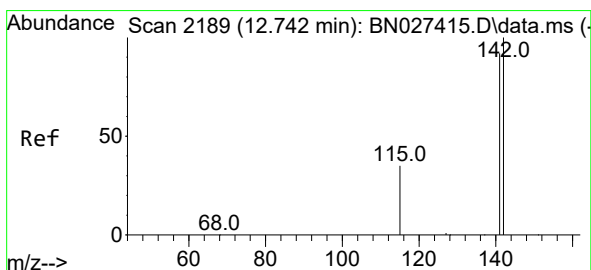
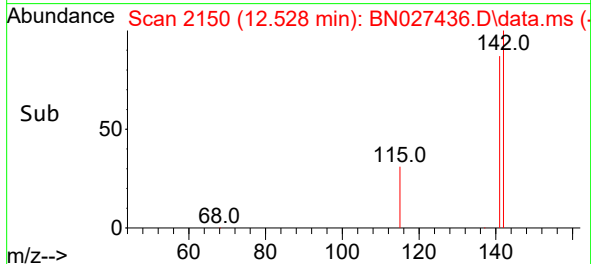
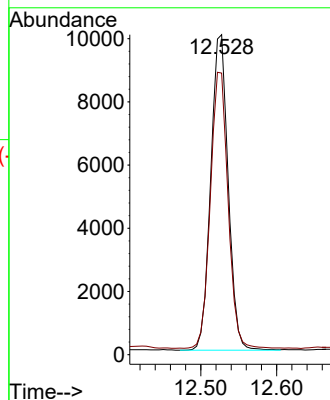
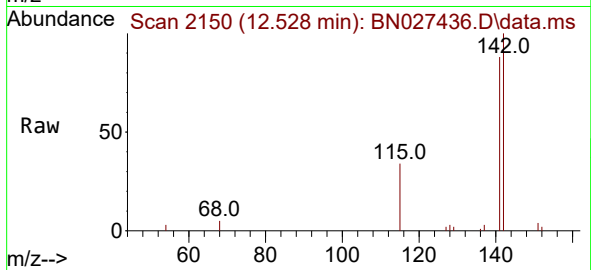
EZYH7

Tgt Ion:142 Resp: 15943

Ion Ratio Lower Upper

142 100

141 88.7 71.6 107.4



#8

1-Methylnaphthalene

Concen: 0.255 ng/ul

RT: 12.742 min Scan# 2189

Delta R.T. -0.006 min

Lab File: BN027436.D

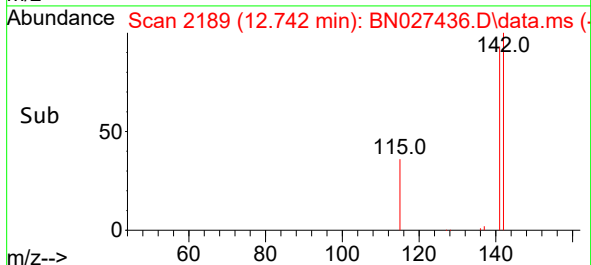
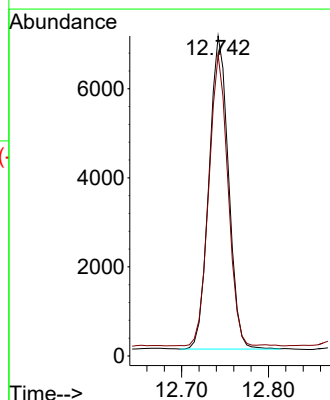
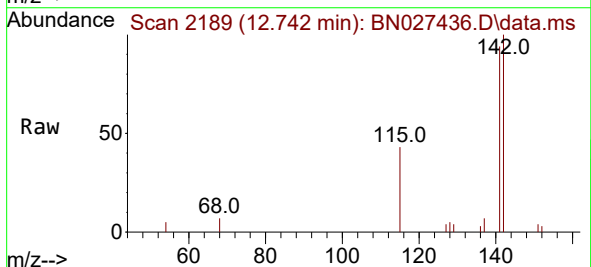
Acq: 07 Sep 2023 10:29

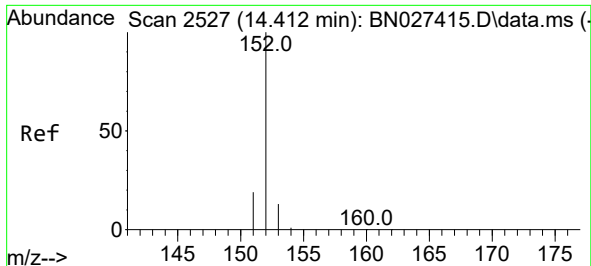
Tgt Ion:142 Resp: 10985

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.4

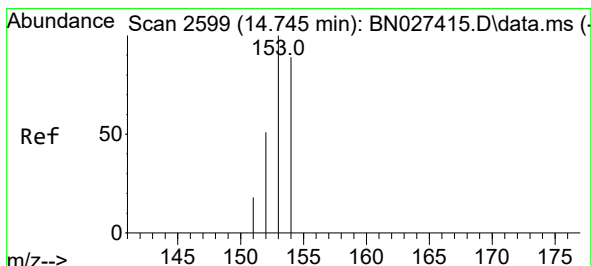
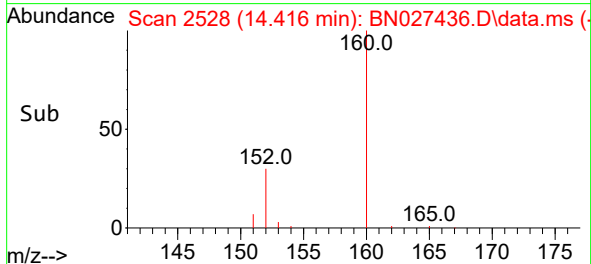
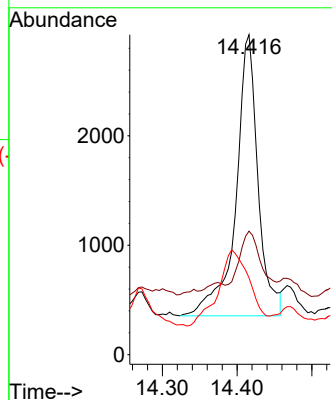
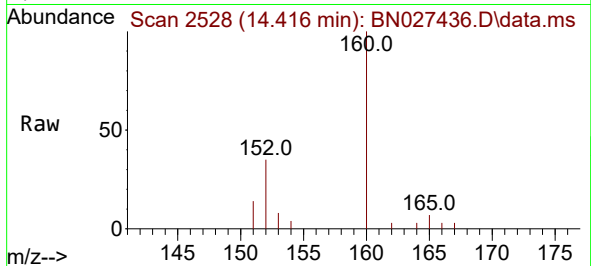




#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.416 min Scan# 210
Delta R.T. -0.005 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

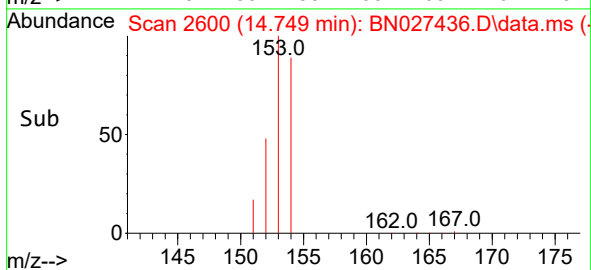
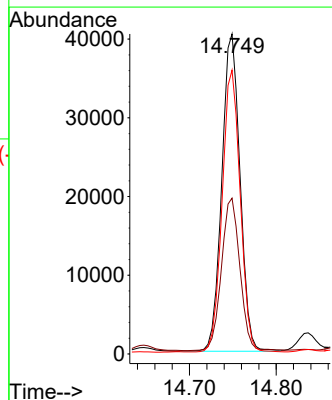
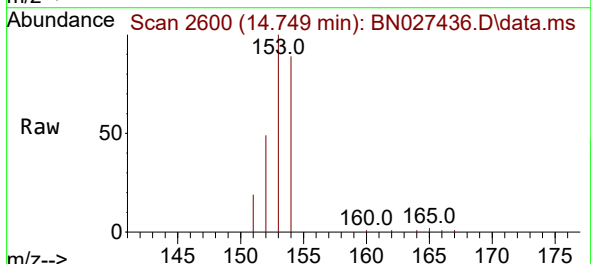
Instrument :
BNA_N
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EZYH7

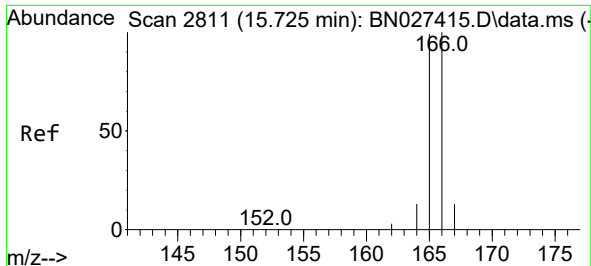
Tgt Ion:152 Resp: 5296
Ion Ratio Lower Upper
152 100
151 38.6 16.3 24.5#
153 24.0 11.1 16.7#



#11
Acenaphthene
Concen: 1.095 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

Tgt Ion:153 Resp: 58990
Ion Ratio Lower Upper
153 100
152 48.7 42.9 64.3
154 88.7 69.4 104.0

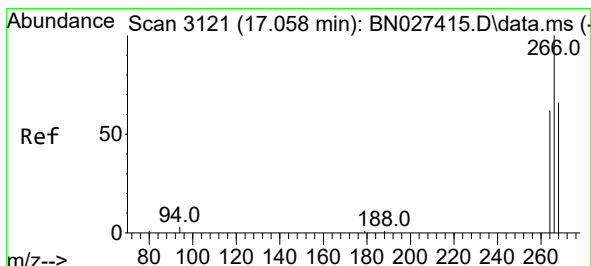
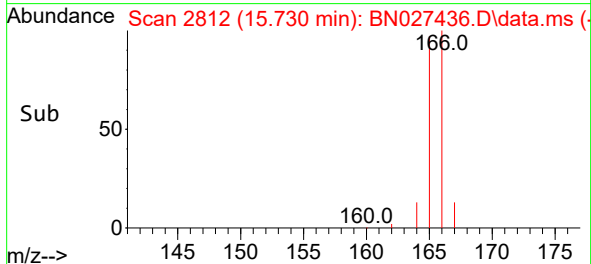
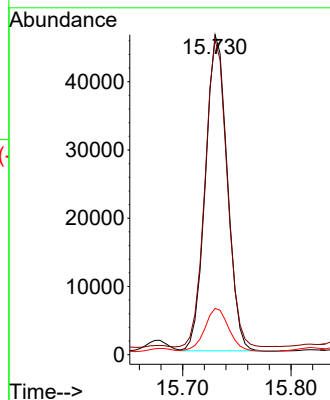
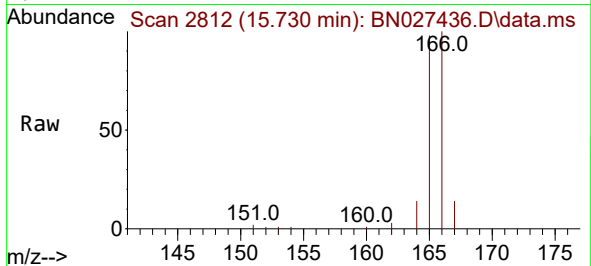




#12
Fluorene
Concen: 1.078 ng/ul
RT: 15.730 min Scan# 2812
Delta R.T. -0.009 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

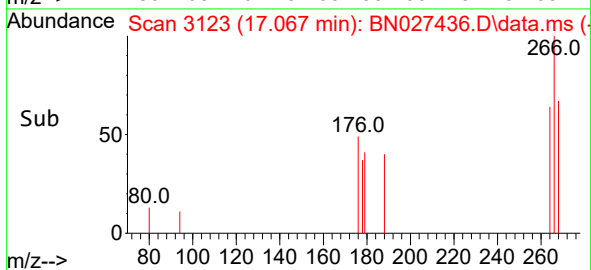
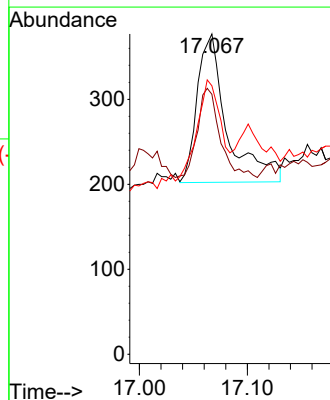
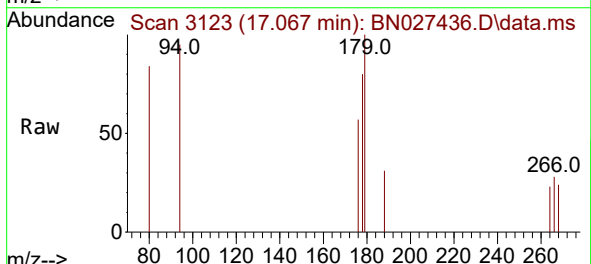
Instrument :
BNA_N
ClientSampleId :
EZYH7

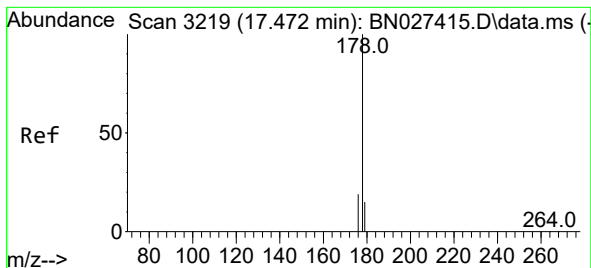
Tgt Ion:166 Resp: 65062
Ion Ratio Lower Upper
166 100
165 98.4 79.6 119.4
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 17.067 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

Tgt Ion:266 Resp: 337
Ion Ratio Lower Upper
266 100
264 49.6 50.4 75.6#
268 65.3 51.9 77.9





#15

Phenanthrene

Concen: 9.185 ng/ul

RT: 17.477 min Scan# 3219

Delta R.T. -0.004 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

Instrument :

BNA_N

ClientSampleId :

EZYH7

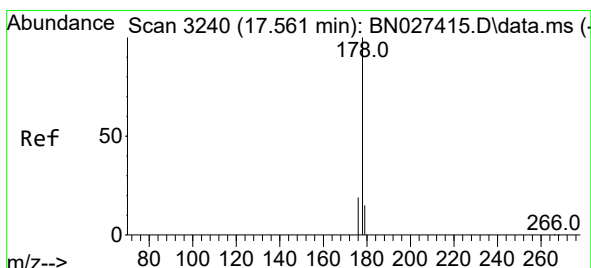
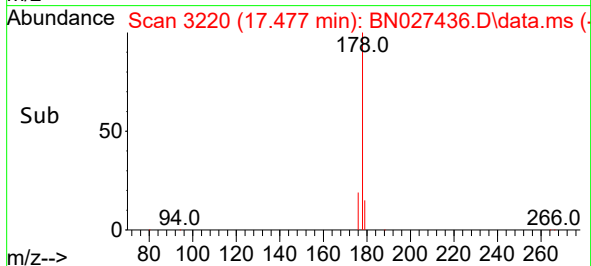
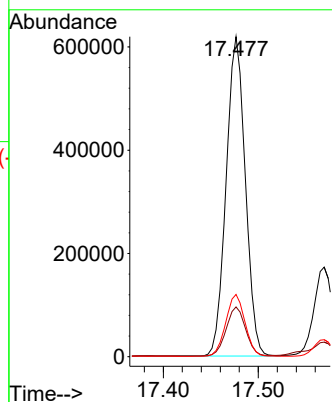
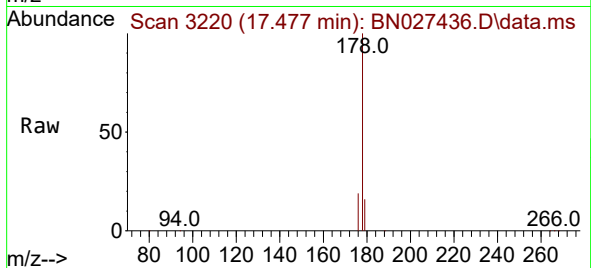
Tgt Ion:178 Resp: 871429

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.5 15.8 23.8



#16

Anthracene

Concen: 3.091 ng/ul

RT: 17.569 min Scan# 3242

Delta R.T. -0.004 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

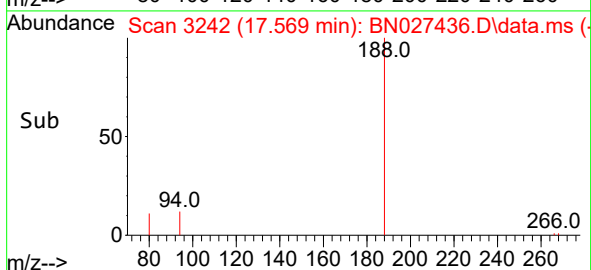
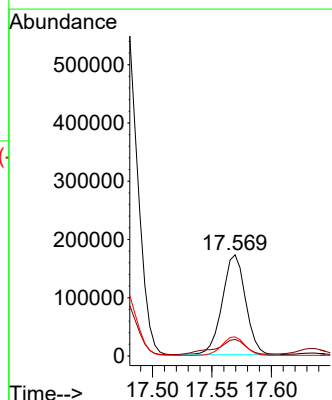
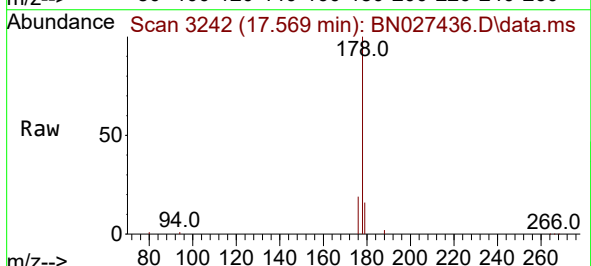
Tgt Ion:178 Resp: 233109

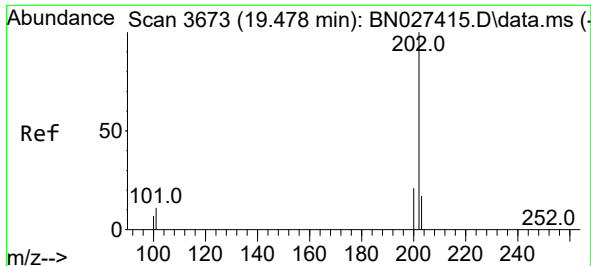
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 18.9 15.6 23.4

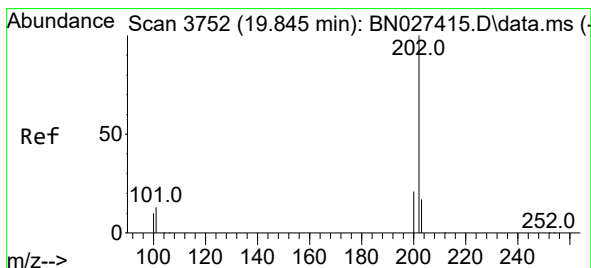
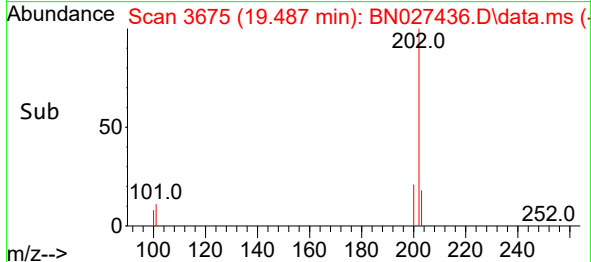
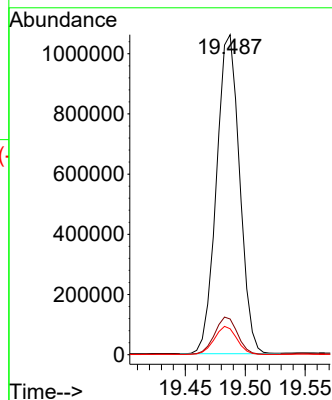
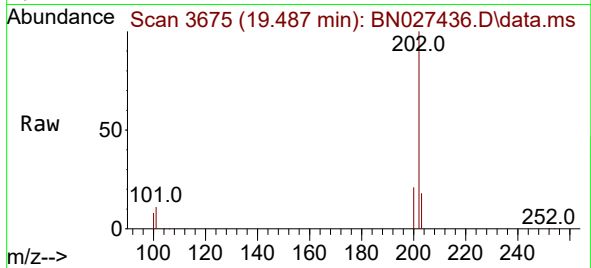




#19
Fluoranthene
Concen: 16.116 ng/ul
RT: 19.487 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

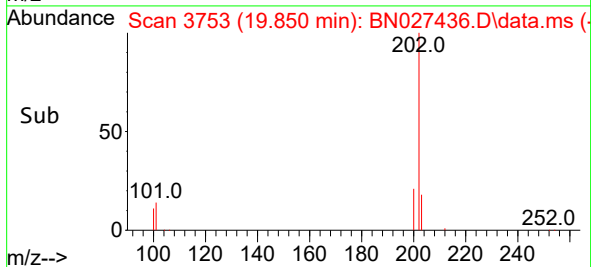
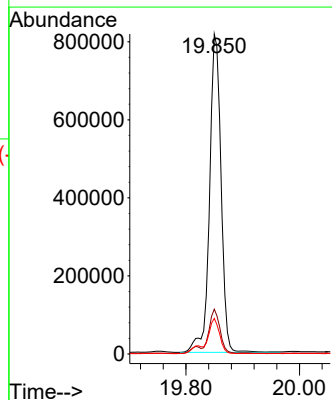
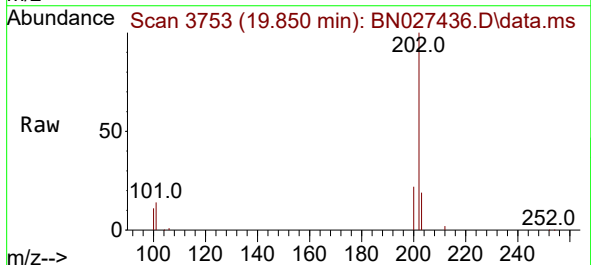
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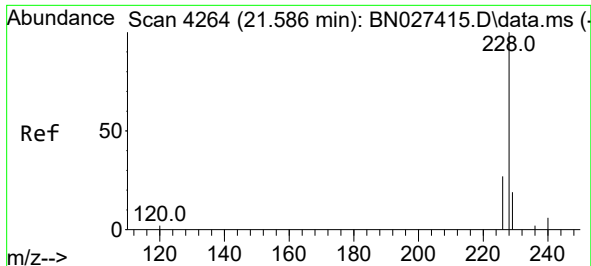
Tgt Ion:202 Resp: 1423829
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.0
100 8.1 6.9 10.3



#20
Pyrene
Concen: 12.784 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

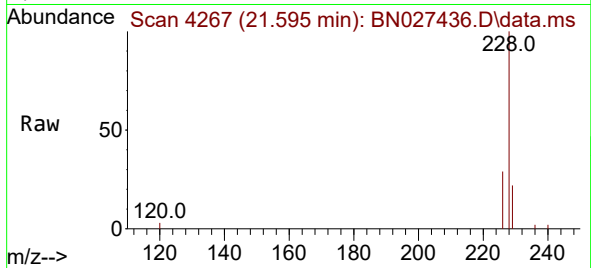
Tgt Ion:202 Resp: 1149968
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.2
100 11.1 9.4 14.2



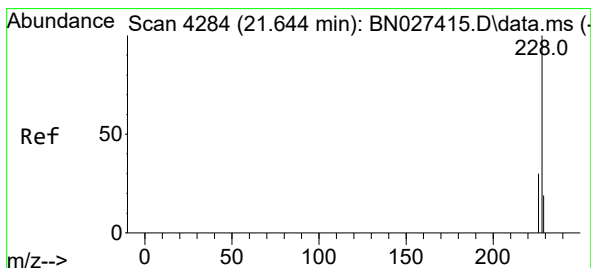
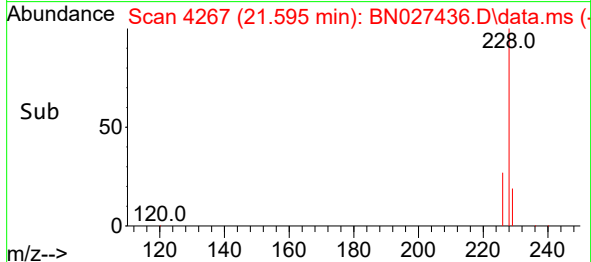
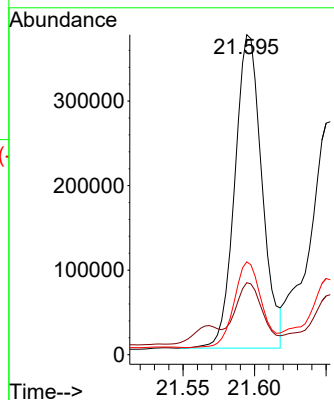


#21
Benzo(a)anthracene
Concen: 7.090 ng/ul
RT: 21.595 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

Instrument :
BNA_N
ClientSampleId :
EZYH7

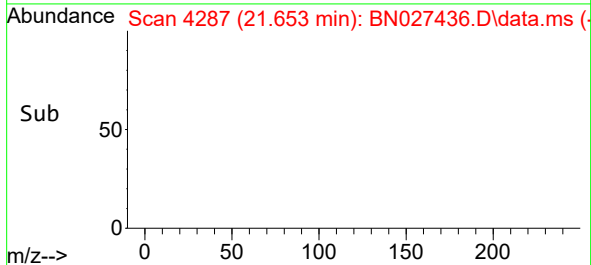
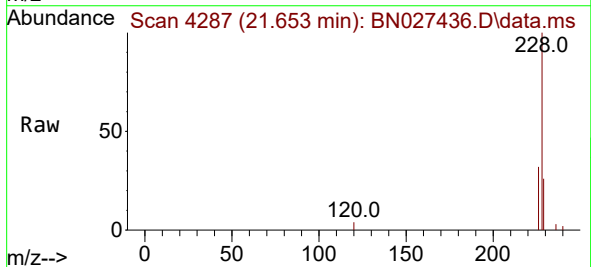
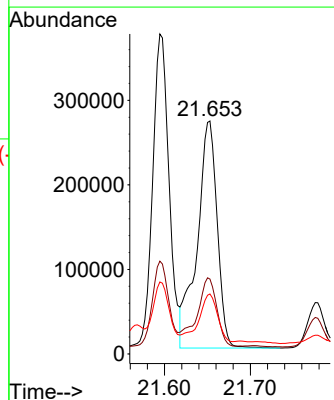


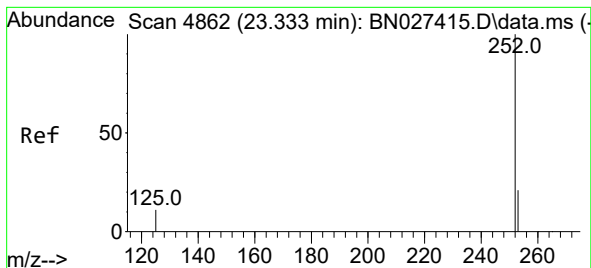
Tgt Ion:228 Resp: 490691
Ion Ratio Lower Upper
228 100
229 22.5 15.7 23.5
226 29.0 22.0 33.0



#22
Chrysene
Concen: 5.408 ng/ul
RT: 21.653 min Scan# 4287
Delta R.T. 0.006 min
Lab File: BN027436.D
Acq: 07 Sep 2023 10:29

Tgt Ion:228 Resp: 436909
Ion Ratio Lower Upper
228 100
226 32.2 24.4 36.6
229 25.8 15.6 23.4#





#24

Benzo(b)fluoranthene

Concen: 8.092 ng/ul

RT: 23.354 min Scan# 4869

Delta R.T. 0.009 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

Instrument :

BNA_N

ClientSampleId :

EZYH7

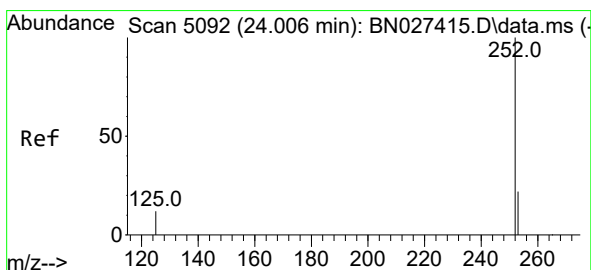
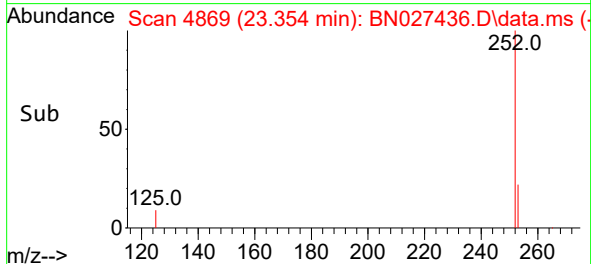
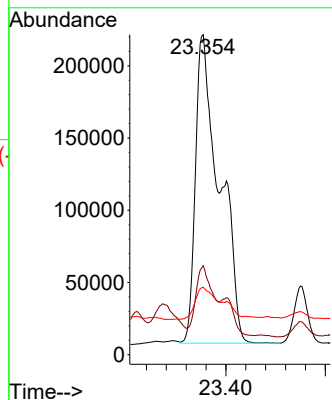
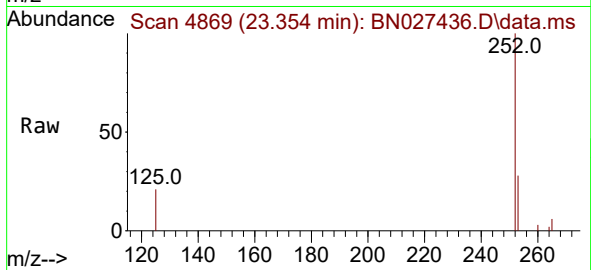
Tgt Ion:252 Resp: 714599

Ion Ratio Lower Upper

252 100

253 27.8 0.0 49.6

125 21.1 0.0 33.8



#26

Benzo(a)pyrene

Concen: 5.578 ng/ul

RT: 24.024 min Scan# 5098

Delta R.T. 0.006 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

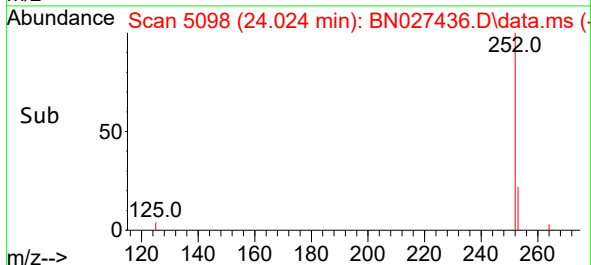
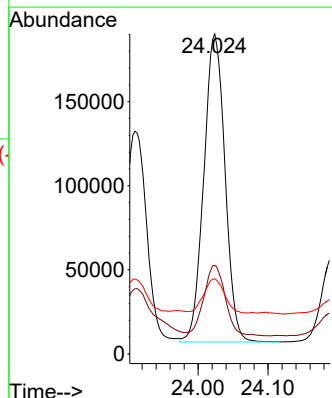
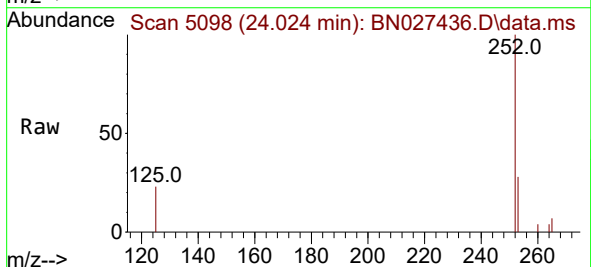
Tgt Ion:252 Resp: 384670

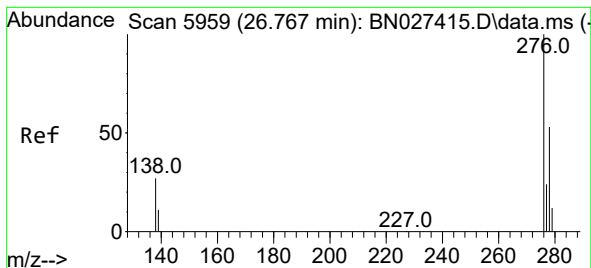
Ion Ratio Lower Upper

252 100

253 27.7 22.4 33.6

125 23.5 17.4 26.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.153 ng/ul

RT: 26.797 min Scan# 5968

Delta R.T. -0.003 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

Instrument :

BNA_N

ClientSampleId :

EZYH7

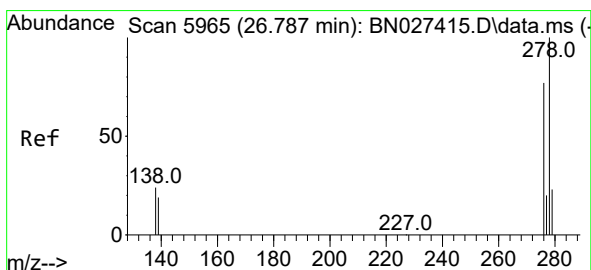
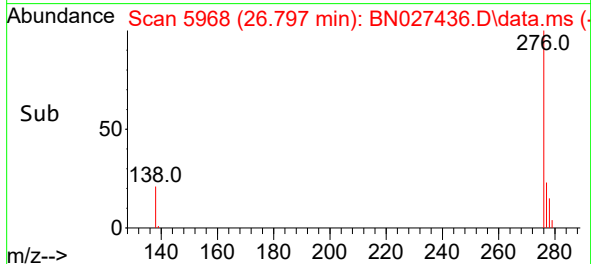
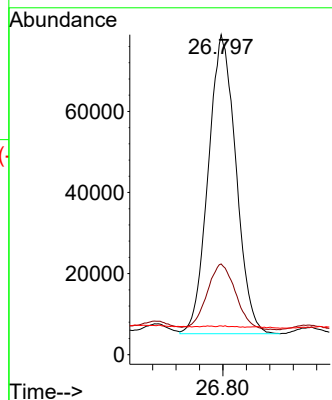
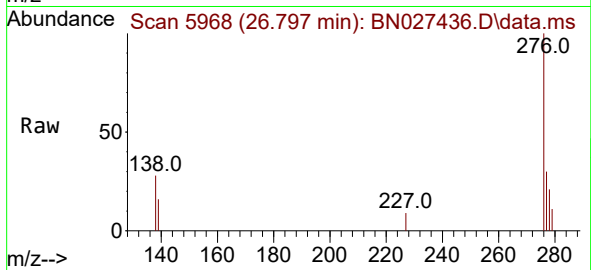
Tgt Ion:276 Resp: 241529

Ion Ratio Lower Upper

276 100

138 23.0 23.9 35.9#

227 0.6 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.999 ng/ul

RT: 26.814 min Scan# 5973

Delta R.T. -0.020 min

Lab File: BN027436.D

Acq: 07 Sep 2023 10:29

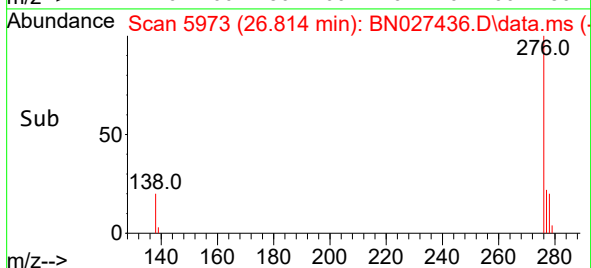
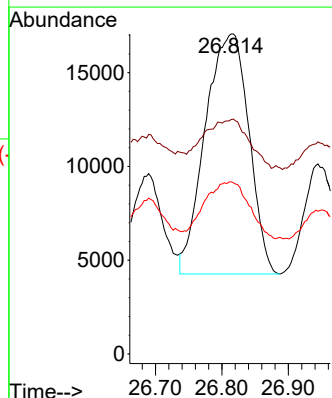
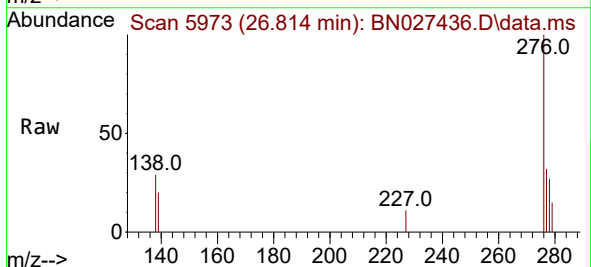
Tgt Ion:278 Resp: 58481

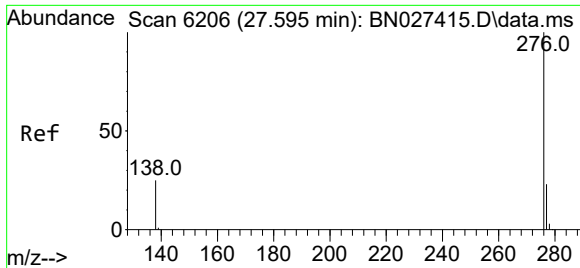
Ion Ratio Lower Upper

278 100

139 73.2 18.0 27.0#

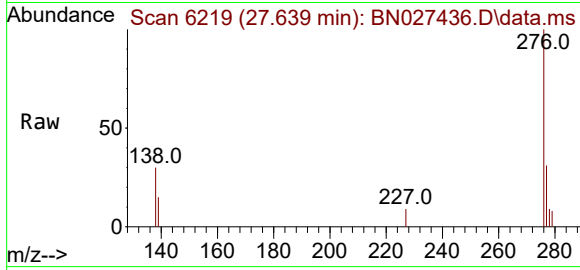
279 53.8 22.7 34.1#





#29
 Benzo(g,h,i)perylene
 Concen: 3.537 ng/ul
 RT: 27.639 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: BN027436.D
 Acq: 07 Sep 2023 10:29

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7



Tgt Ion:276 Resp: 244543
 Ion Ratio Lower Upper
 276 100
 138 29.9 22.1 33.1
 277 30.6 20.2 30.4#

