

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027797.D
 Acq On : 21 Sep 2023 21:18
 Operator : MA/JU
 Sample : 04330-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG2

Quant Time: Sep 22 04:02:18 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

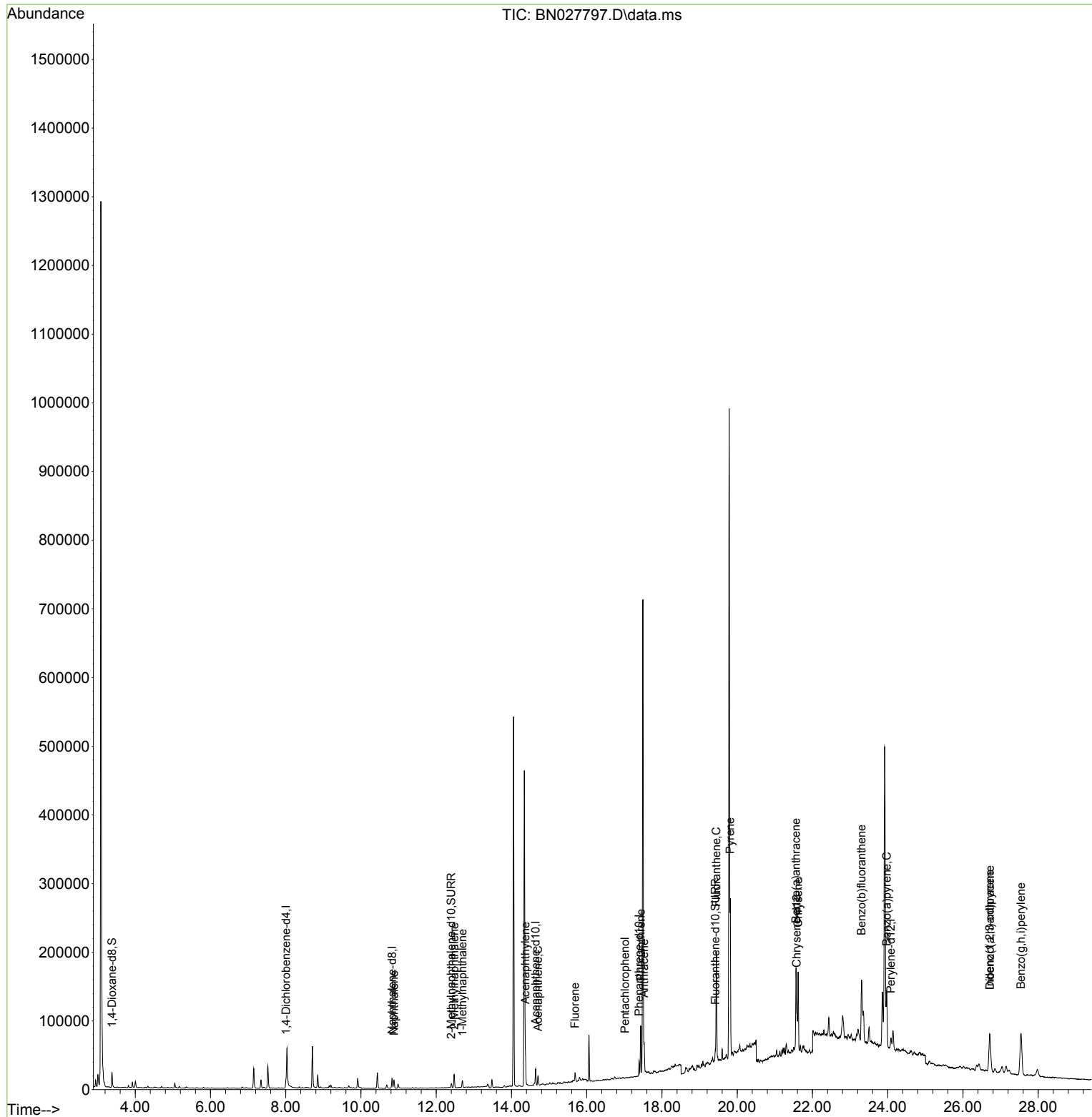
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5799	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19025	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	12197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	25311	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.580	240	18645	0.400	ng/ul	# 0.00
23) Perylene-d12	24.085	264	16115	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	14858	2.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8046	0.279	ng/ul	0.00
18) Fluoranthene-d10	19.418	212	19060	0.335	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.878	128	16273	0.299	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	13895	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	6362	0.179	ng/ul	98
10) Acenaphthylene	14.370	152	50786	0.953	ng/ul	95
11) Acenaphthene	14.703	153	8041	0.175	ng/ul	95
12) Fluorene	15.688	166	7969	0.147	ng/ul#	80
14) Pentachlorophenol	17.016	266	140	0.024	ng/ul#	41
15) Phenanthrene	17.434	178	80191	1.008	ng/ul#	92
16) Anthracene	17.527	178	51861	0.779	ng/ul#	87
19) Fluoranthene	19.445	202	138981	1.843	ng/ul	98
20) Pyrene	19.813	202	184442	2.375	ng/ul	100
21) Benzo(a)anthracene	21.562	228	107234	1.486	ng/ul#	82
22) Chrysene	21.618	228	127607	1.712	ng/ul#	81
24) Benzo(b)fluoranthene	23.304	252	215570	3.001	ng/ul#	36
26) Benzo(a)pyrene	23.971	252	127700	2.210	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.710	276	101139	1.366	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.713	278	27778	0.466	ng/ul#	1
29) Benzo(g,h,i)perylene	27.542	276	144493	2.298	ng/ul#	90

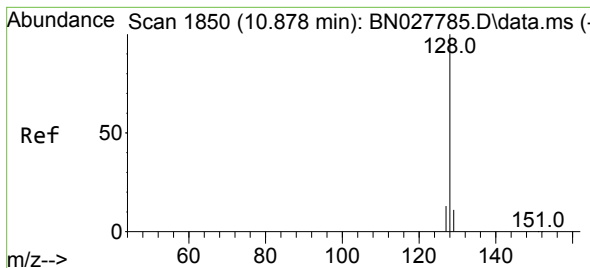
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
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#5

Naphthalene

Concen: 0.299 ng/ul

RT: 10.878 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

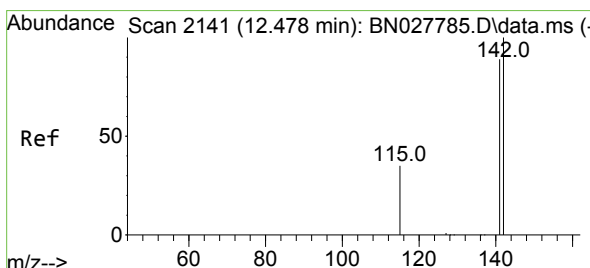
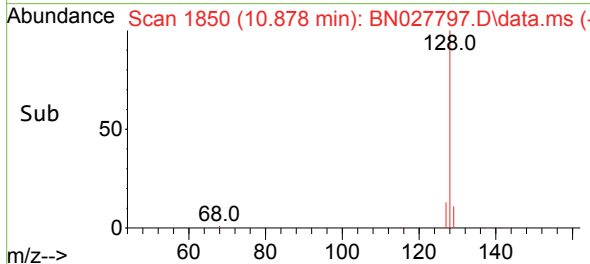
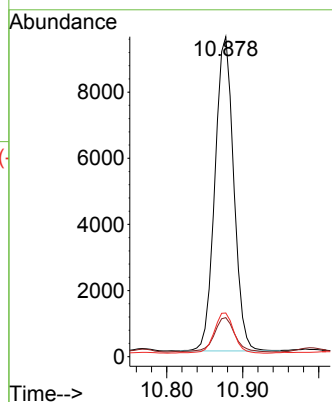
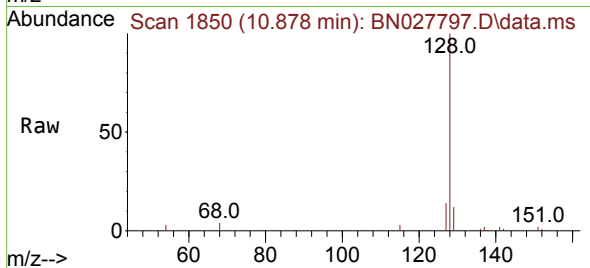
Tgt Ion:128 Resp: 16273

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

127 13.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.403 ng/ul

RT: 12.478 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BN027797.D

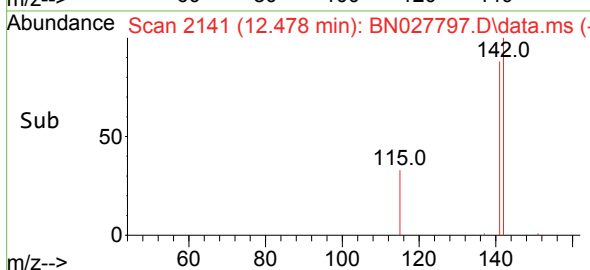
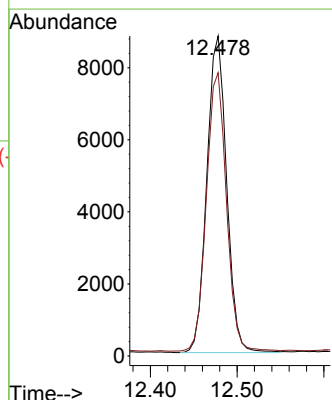
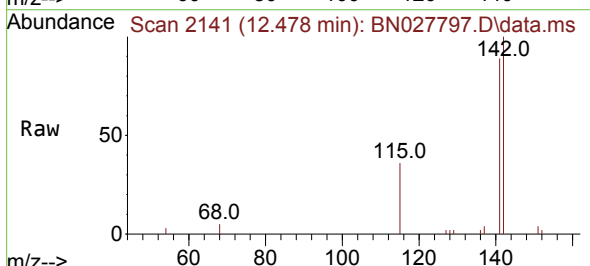
Acq: 21 Sep 2023 21:18

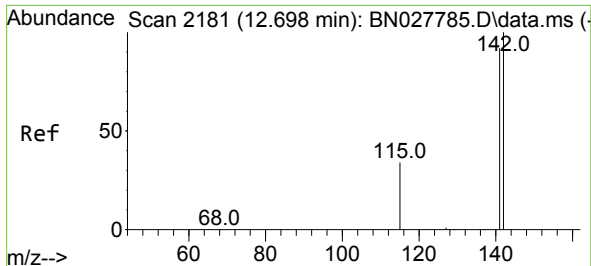
Tgt Ion:142 Resp: 13895

Ion Ratio Lower Upper

142 100

141 88.8 71.1 106.7

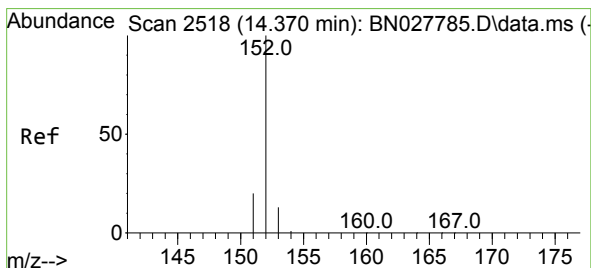
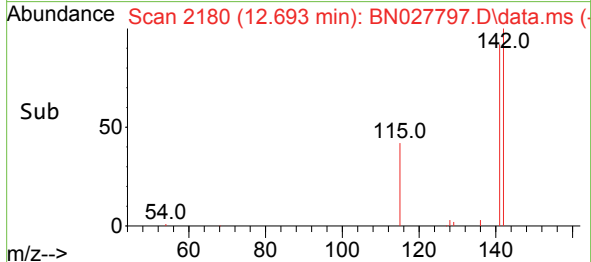
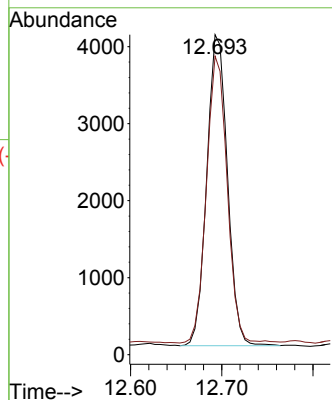
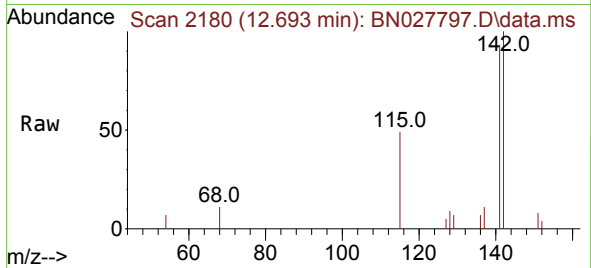




#8
1-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.693 min Scan# 2181
Delta R.T. -0.005 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

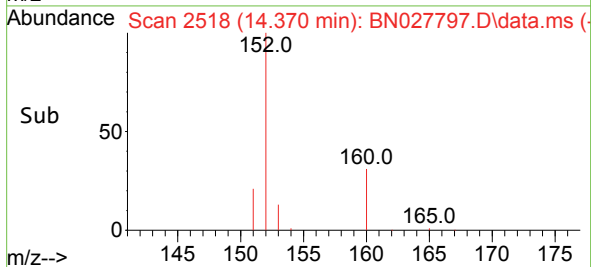
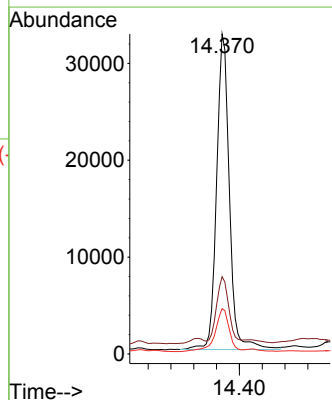
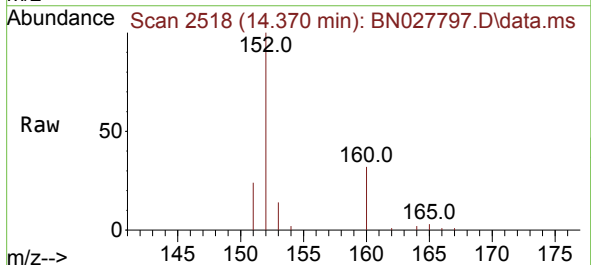
Instrument :
BNA_N
ClientSampleId :
EZYG2

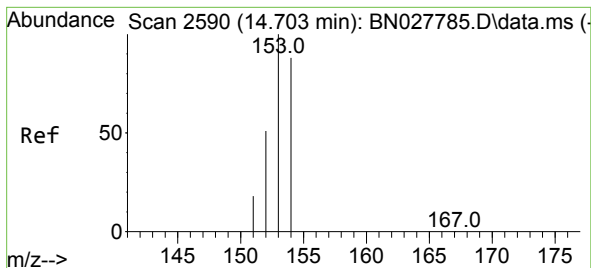
Tgt Ion:142 Resp: 6362
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2



#10
Acenaphthylene
Concen: 0.953 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

Tgt Ion:152 Resp: 50786
Ion Ratio Lower Upper
152 100
151 24.2 16.6 25.0
153 14.1 11.0 16.6





#11

Acenaphthene

Concen: 0.175 ng/ul

RT: 14.703 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

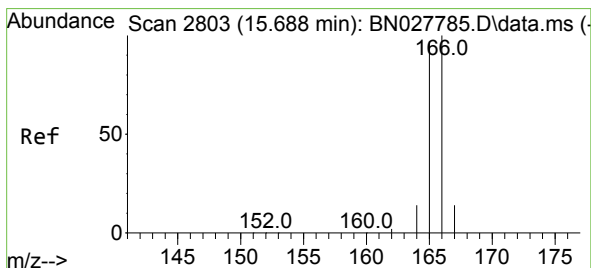
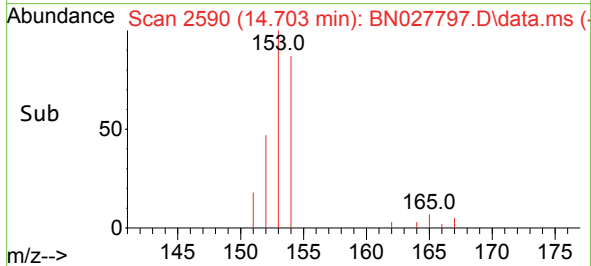
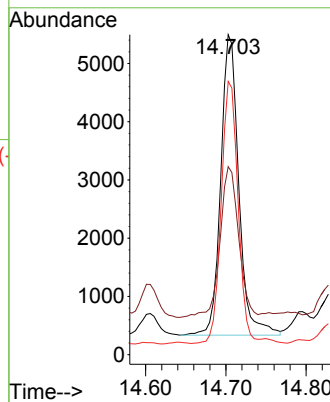
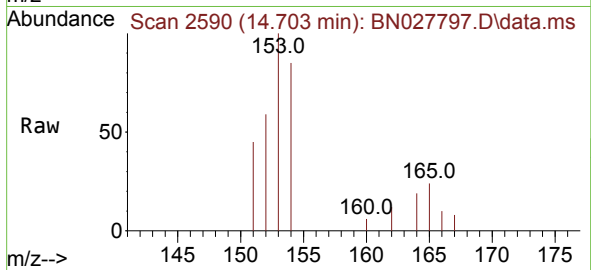
Tgt Ion:153 Resp: 8041

Ion Ratio Lower Upper

153 100

152 58.8 41.7 62.5

154 85.4 70.3 105.5



#12

Fluorene

Concen: 0.147 ng/ul

RT: 15.688 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

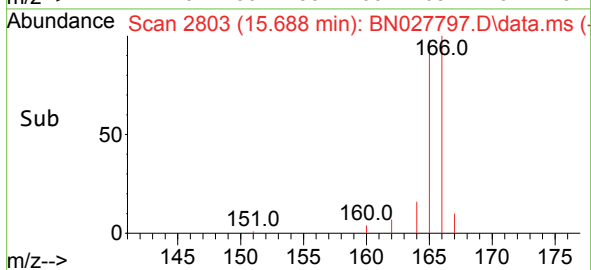
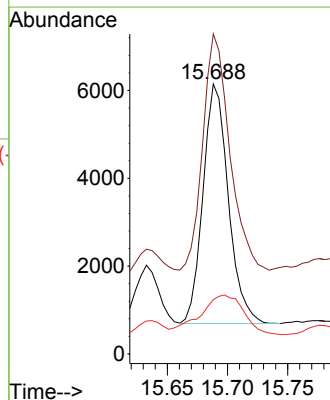
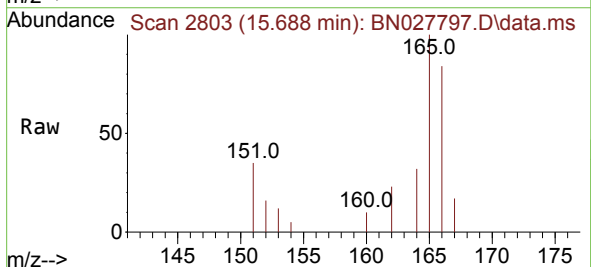
Tgt Ion:166 Resp: 7969

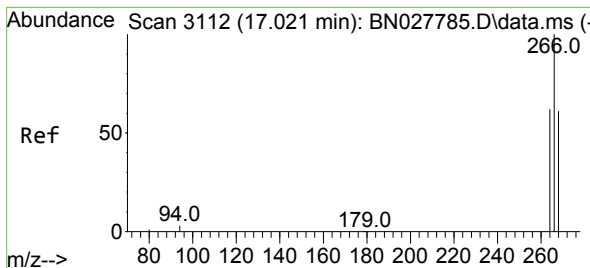
Ion Ratio Lower Upper

166 100

165 118.5 78.0 117.0#

167 20.1 11.4 17.2#





#14

Pentachlorophenol

Concen: 0.024 ng/ul

RT: 17.016 min Scan# 3111

Delta R.T. -0.004 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

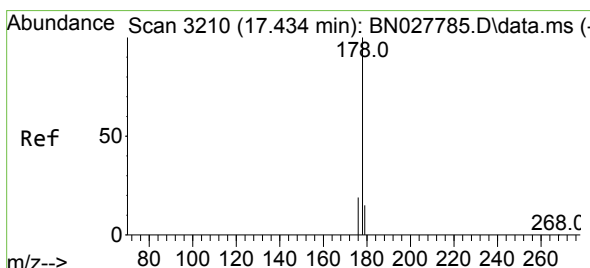
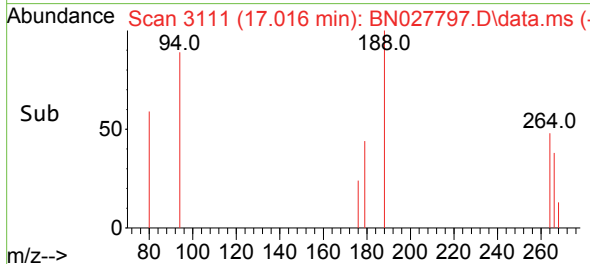
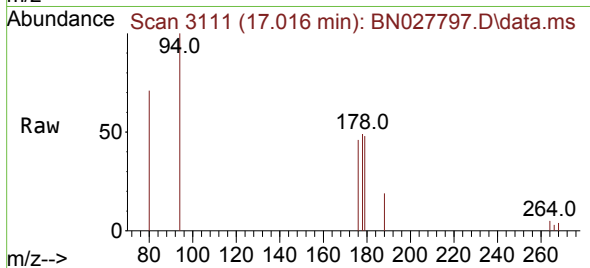
Tgt Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

264 115.0 49.6 74.4#

268 24.3 50.7 76.1#



#15

Phenanthrene

Concen: 1.008 ng/ul

RT: 17.434 min Scan# 3210

Delta R.T. 0.000 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

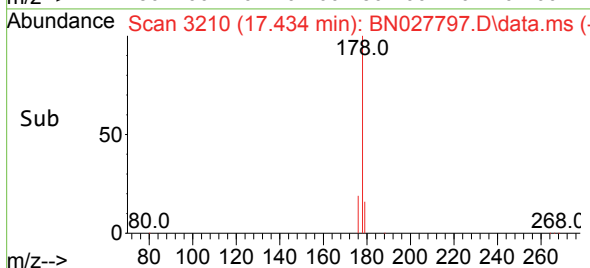
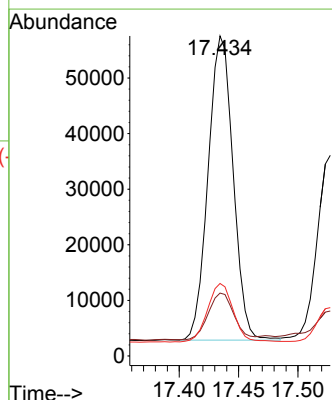
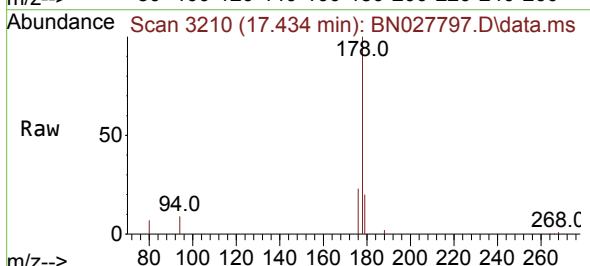
Tgt Ion:178 Resp: 80191

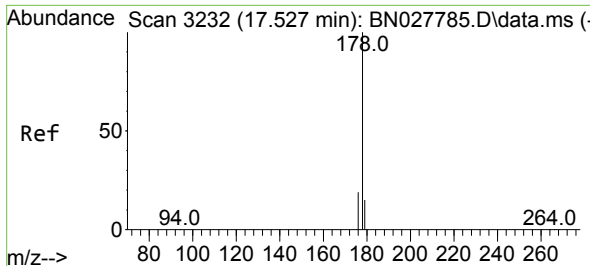
Ion Ratio Lower Upper

178 100

179 19.6 12.4 18.6#

176 22.7 16.0 24.0

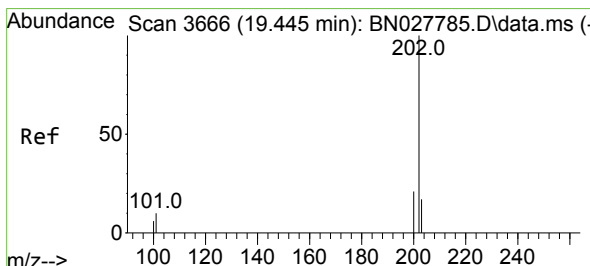
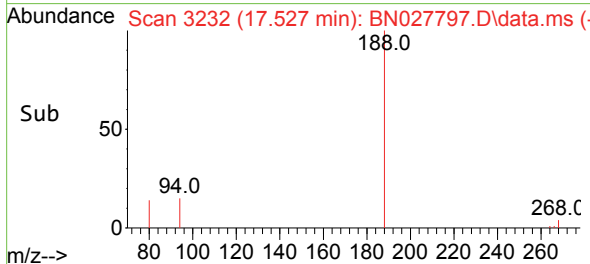
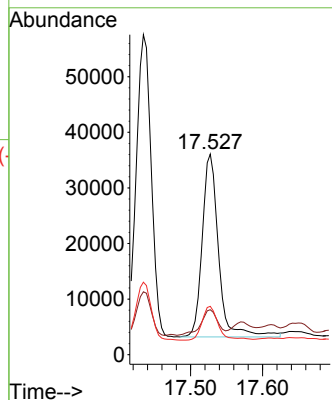
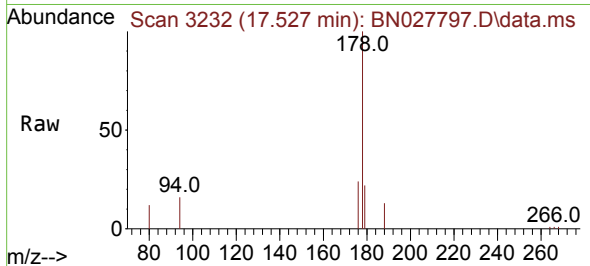




#16
 Anthracene
 Concen: 0.779 ng/ul
 RT: 17.527 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027797.D
 Acq: 21 Sep 2023 21:18

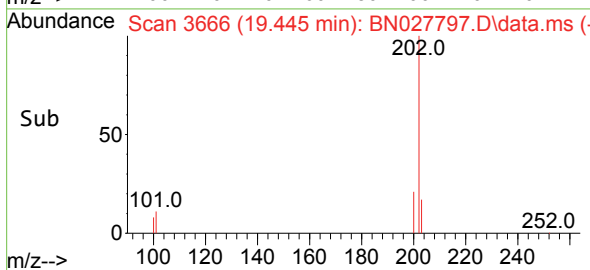
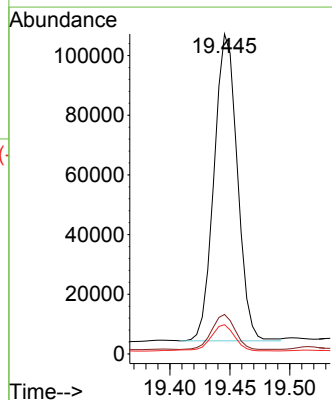
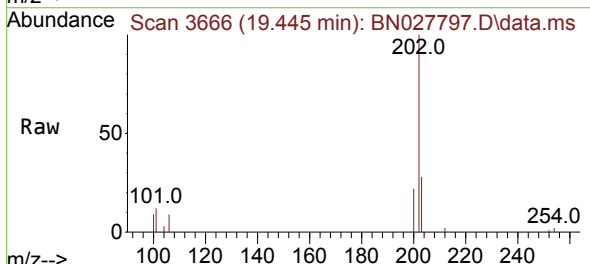
Instrument :
 BNA_N
 ClientSampleId :
 EZYG2

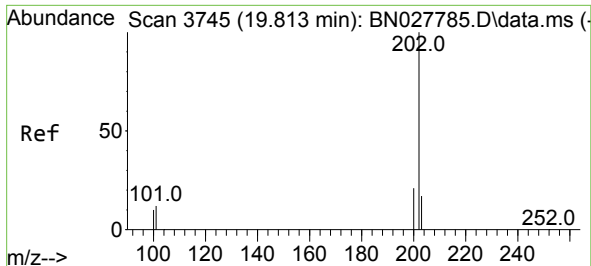
Tgt Ion:178 Resp: 51861
 Ion Ratio Lower Upper
 178 100
 179 22.4 12.6 19.0#
 176 24.1 15.5 23.3#



#19
 Fluoranthene
 Concen: 1.843 ng/ul
 RT: 19.445 min Scan# 3666
 Delta R.T. 0.000 min
 Lab File: BN027797.D
 Acq: 21 Sep 2023 21:18

Tgt Ion:202 Resp: 138981
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.3 13.9
 100 9.2 7.0 10.4

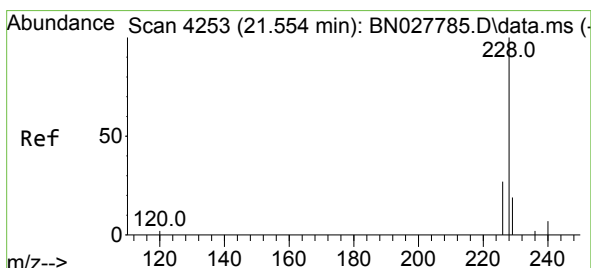
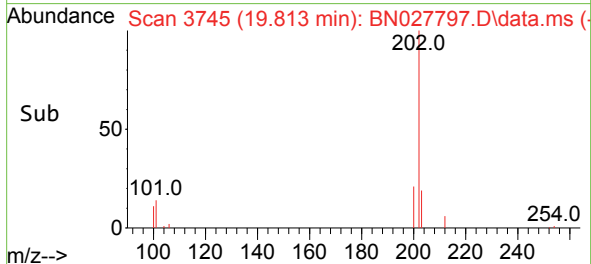
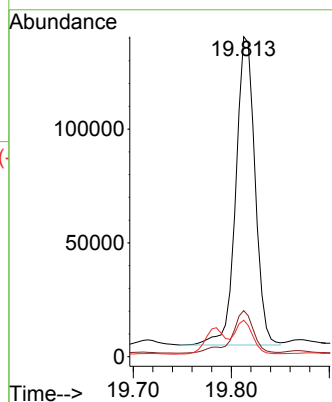
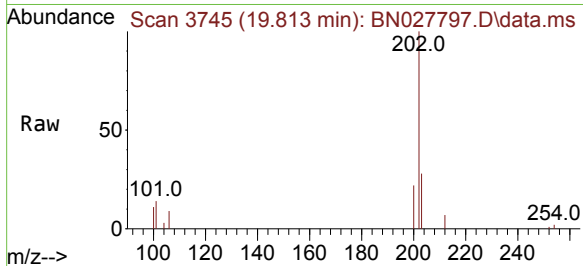




#20
Pyrene
Concen: 2.375 ng/ul
RT: 19.813 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

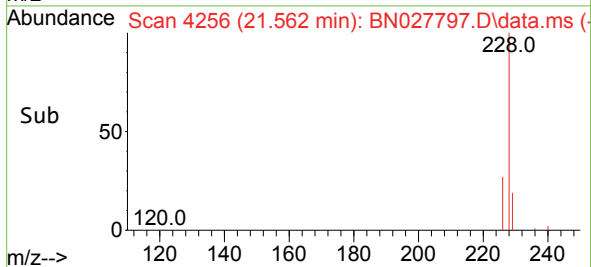
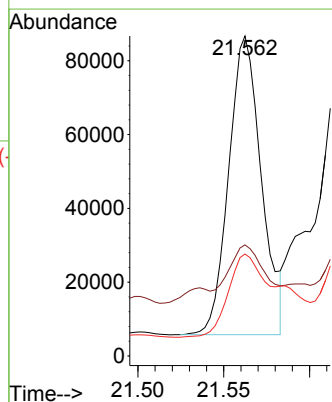
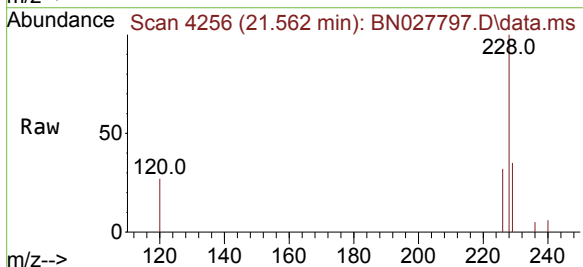
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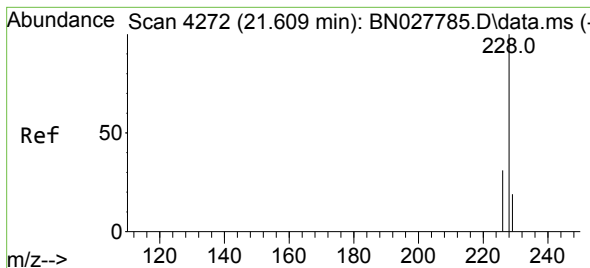
Tgt Ion:202 Resp: 184442
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.4 9.1 13.7



#21
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.009 min
Lab File: BN027797.D
Acq: 21 Sep 2023 21:18

Tgt Ion:228 Resp: 107234
Ion Ratio Lower Upper
228 100
229 34.7 15.8 23.8#
226 31.9 22.0 33.0





#22

Chrysene

Concen: 1.712 ng/ul

RT: 21.618 min Scan# 41

Delta R.T. 0.009 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

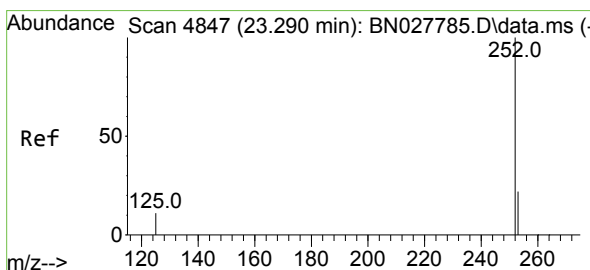
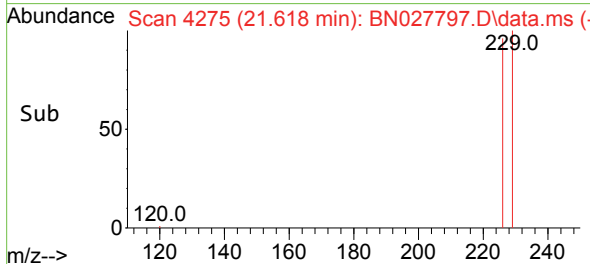
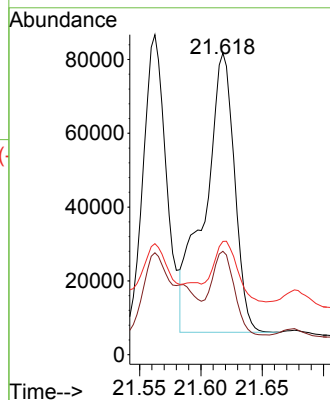
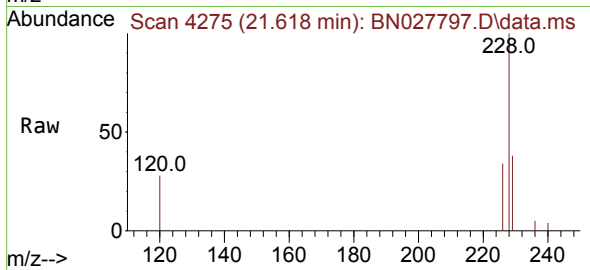
Tgt Ion:228 Resp: 127607

Ion Ratio Lower Upper

228 100

226 34.3 24.5 36.7

229 37.6 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 3.001 ng/ul

RT: 23.304 min Scan# 4852

Delta R.T. 0.015 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

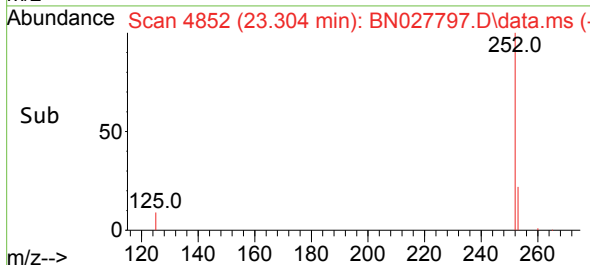
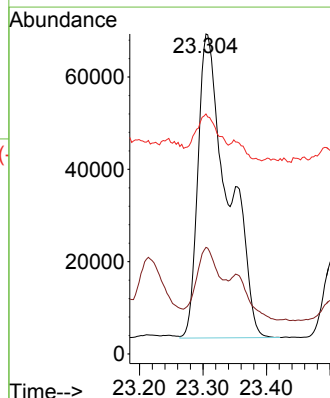
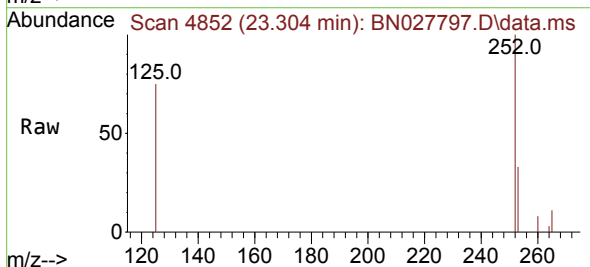
Tgt Ion:252 Resp: 215570

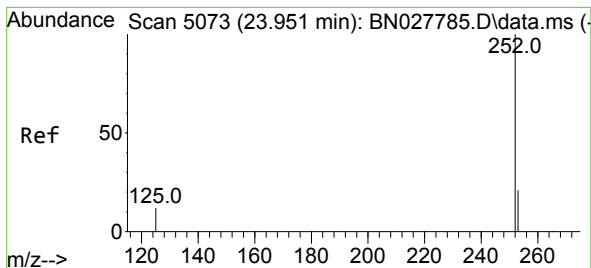
Ion Ratio Lower Upper

252 100

253 33.3 0.0 50.2

125 75.0 0.0 31.4#





#26

Benzo(a)pyrene

Concen: 2.210 ng/ul

RT: 23.971 min Scan# 5073

Delta R.T. 0.021 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

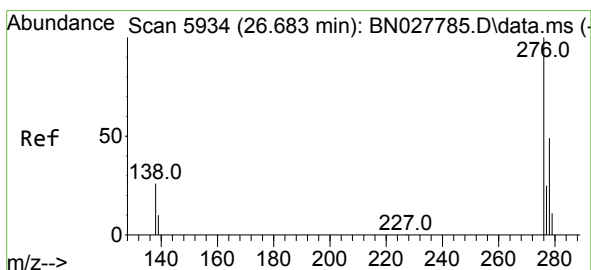
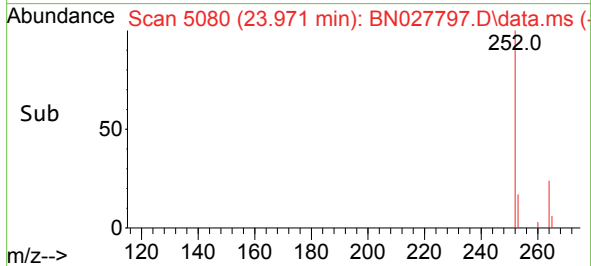
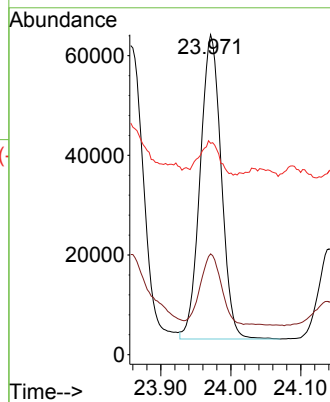
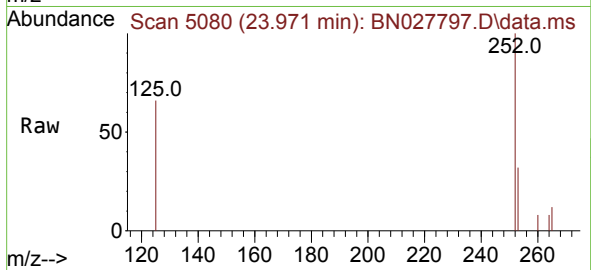
Tgt Ion:252 Resp: 127700

Ion Ratio Lower Upper

252 100

253 31.5 21.9 32.9

125 66.1 15.5 23.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.366 ng/ul

RT: 26.710 min Scan# 5942

Delta R.T. 0.027 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

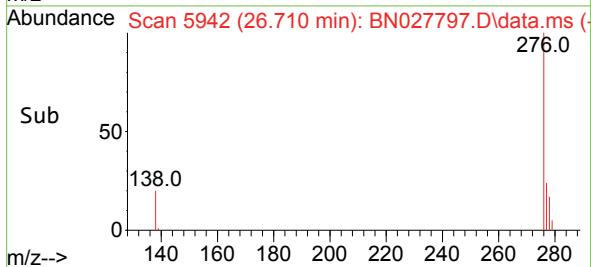
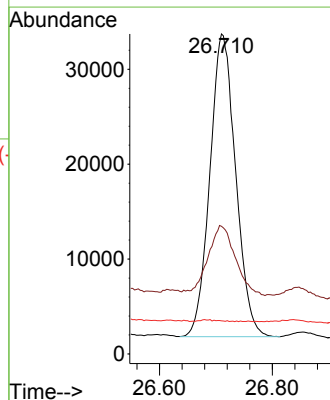
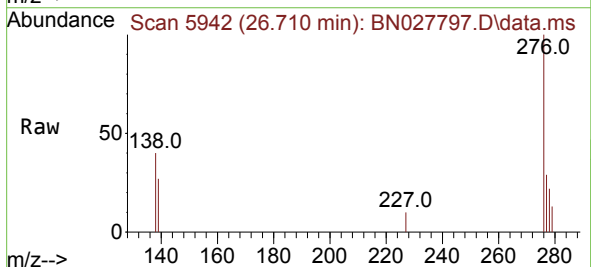
Tgt Ion:276 Resp: 101139

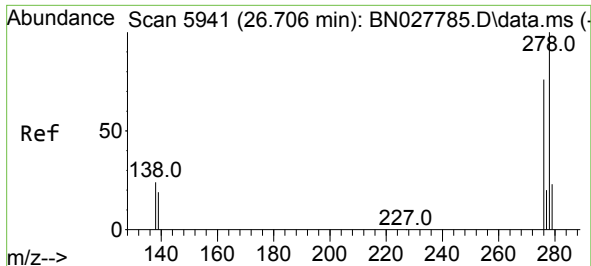
Ion Ratio Lower Upper

276 100

138 24.7 24.3 36.5

227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.466 ng/ul

RT: 26.713 min Scan# 5941

Delta R.T. 0.007 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Instrument :

BNA_N

ClientSampleId :

EZYG2

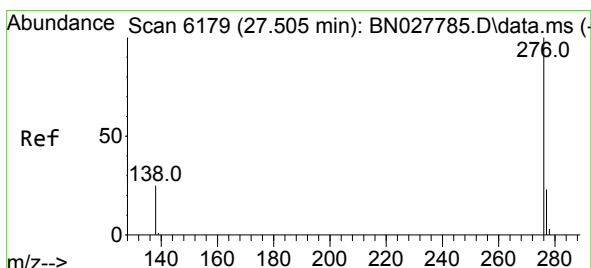
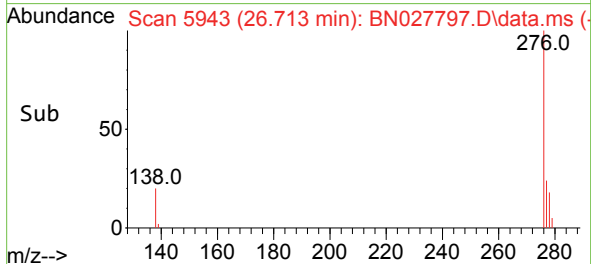
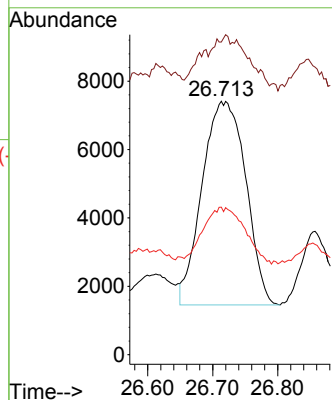
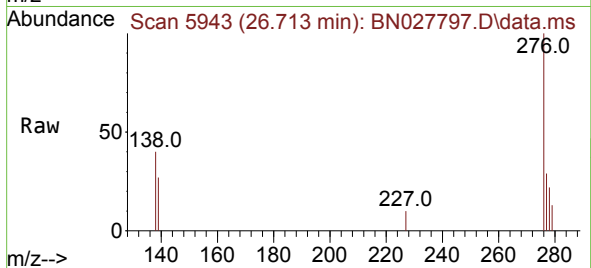
Tgt Ion:278 Resp: 27778

Ion Ratio Lower Upper

278 100

139 123.4 17.2 25.8#

279 58.2 21.4 32.0#



#29

Benzo(g,h,i)perylene

Concen: 2.298 ng/ul

RT: 27.542 min Scan# 6190

Delta R.T. 0.037 min

Lab File: BN027797.D

Acq: 21 Sep 2023 21:18

Tgt Ion:276 Resp: 144493

Ion Ratio Lower Upper

276 100

138 35.0 21.7 32.5#

277 27.6 20.2 30.2

