

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027905.D
 Acq On : 27 Sep 2023 18:34
 Operator : MA/JU
 Sample : 04472-16RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM5RE

Quant Time: Sep 28 00:01:53 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)

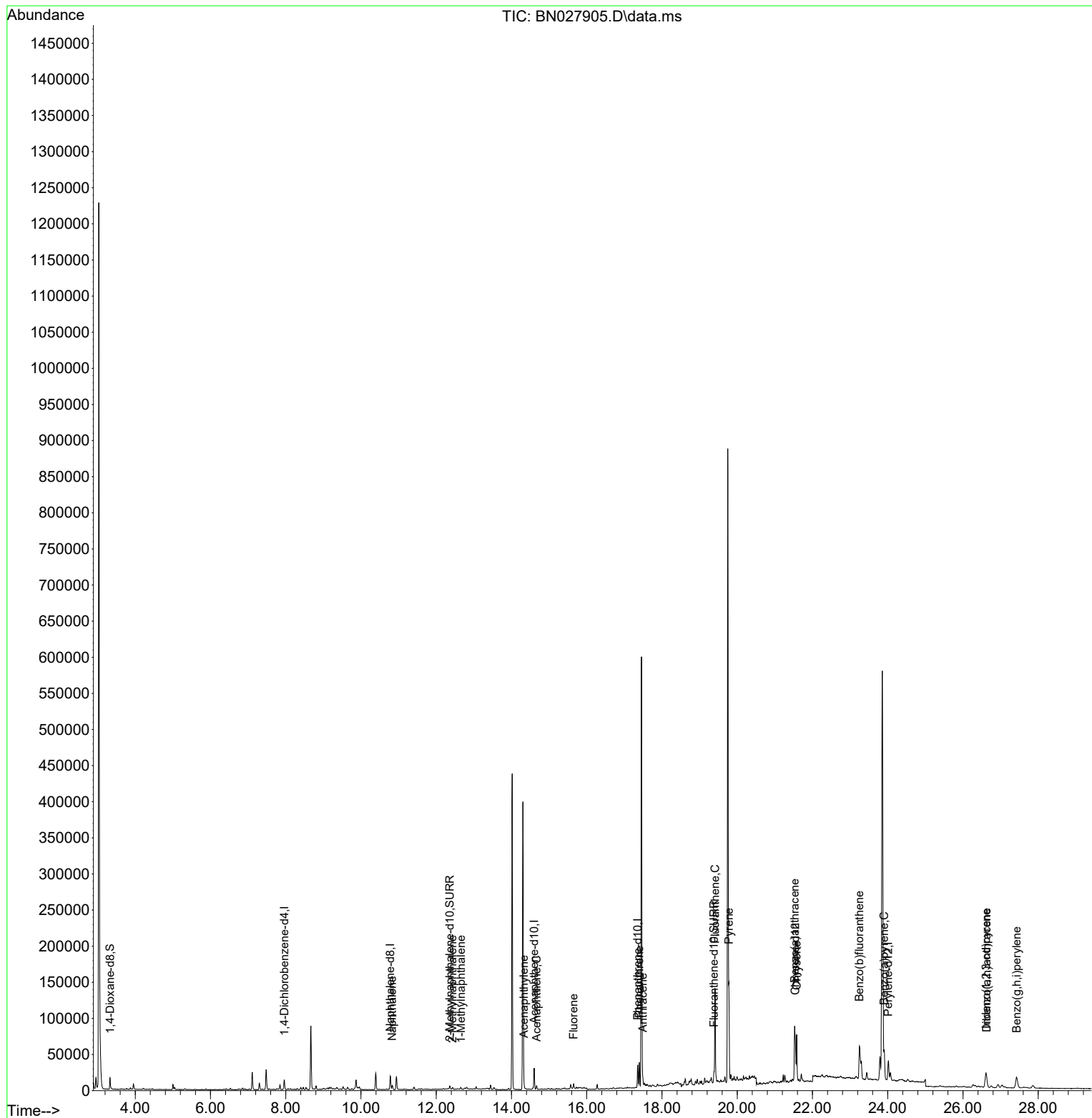
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	6606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	24800	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	16098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	36810	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	34134	0.400	ng/ul	# 0.00
23) Perylene-d12	24.015	264	37745	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	10891	1.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	5792	0.154	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	15274	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	7302	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.434	142	1820	0.040	ng/ul	95
8) 1-Methylnaphthalene	12.654	142	1518	0.033	ng/ul	99
10) Acenaphthylene	14.333	152	5119	0.073	ng/ul#	87
11) Acenaphthene	14.666	153	3153	0.052	ng/ul	99
12) Fluorene	15.651	166	4229	0.059	ng/ul#	91
15) Phenanthrene	17.396	178	36224	0.313	ng/ul#	96
16) Anthracene	17.489	178	11092	0.115	ng/ul#	88
19) Fluoranthene	19.408	202	114071	0.826	ng/ul	96
20) Pyrene	19.780	202	106265	0.747	ng/ul	99
21) Benzo(a)anthracene	21.524	228	62135	0.470	ng/ul#	90
22) Chrysene	21.580	228	68761	0.504	ng/ul#	89
24) Benzo(b)fluoranthene	23.249	252	113924	0.677	ng/ul#	83
26) Benzo(a)pyrene	23.904	252	58022	0.429	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.613	276	36394	0.210	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.629	278	11295	0.081	ng/ul#	48
29) Benzo(g,h,i)perylene	27.424	276	35714	0.243	ng/ul	96

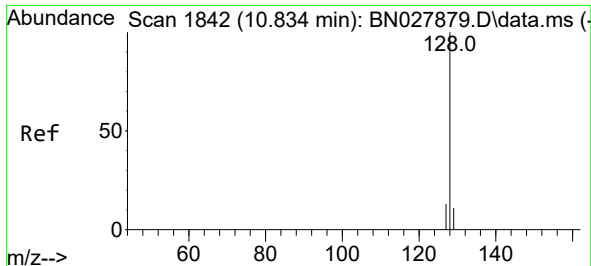
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027905.D
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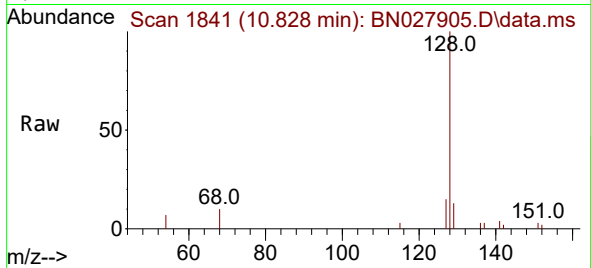
Quant Time: Sep 28 00:01:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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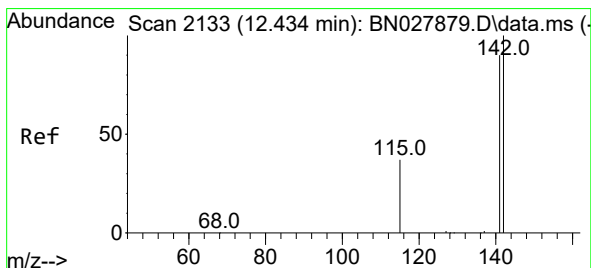
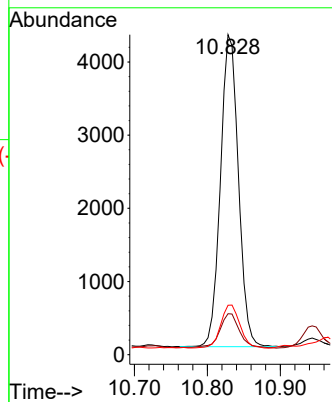
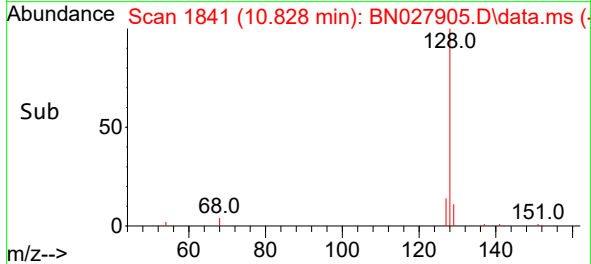


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Instrument :
BNA_N
ClientSampleId :
EZYM5RE

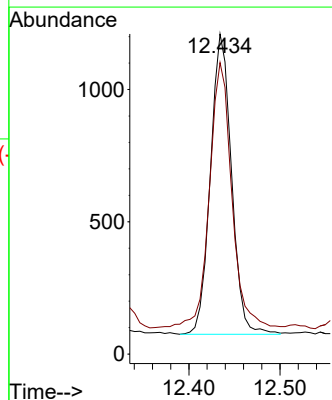
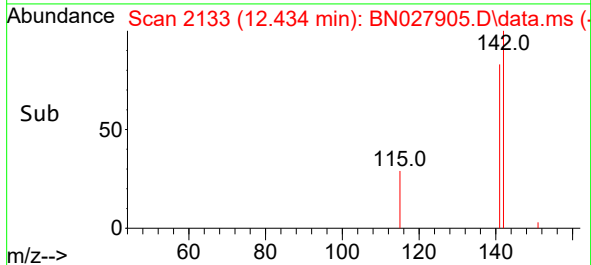
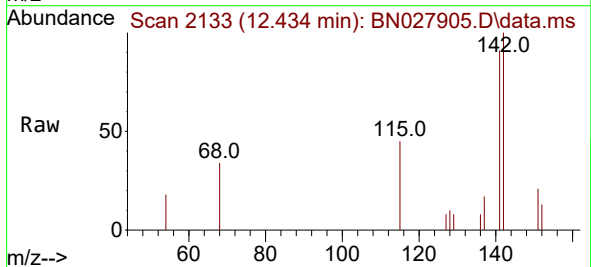


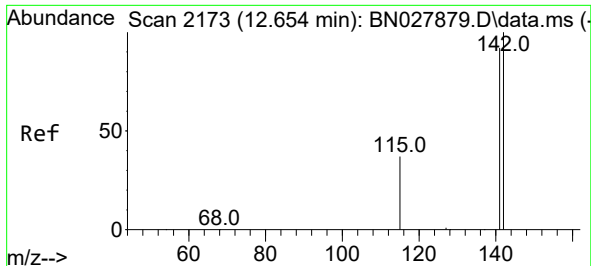
Tgt Ion:128 Resp: 7302
Ion Ratio Lower Upper
128 100
129 12.8 9.3 13.9
127 15.5 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Tgt Ion:142 Resp: 1820
Ion Ratio Lower Upper
142 100
141 93.4 71.1 106.7

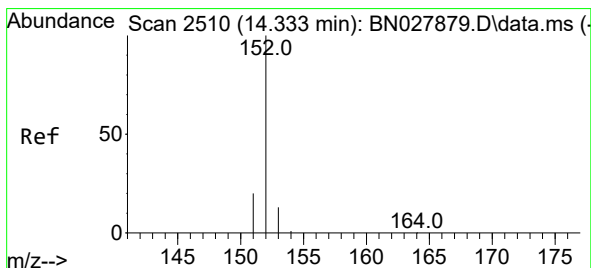
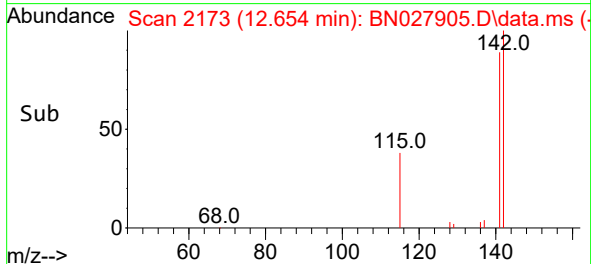
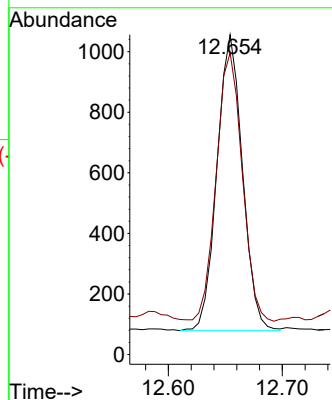
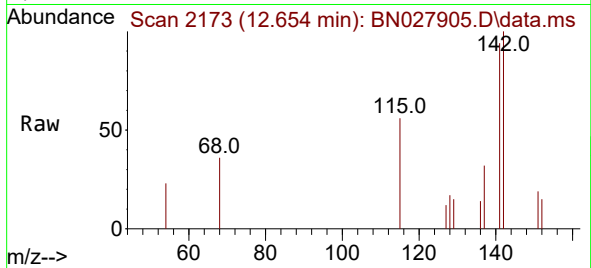




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

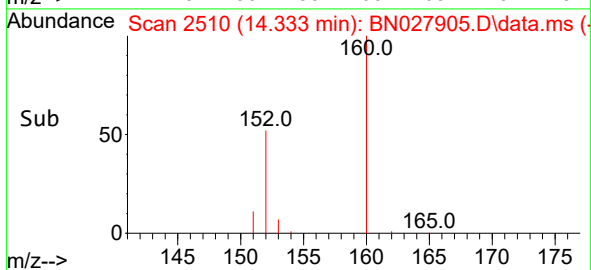
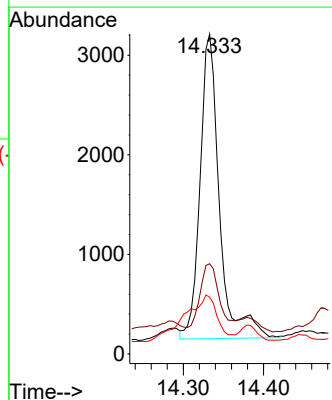
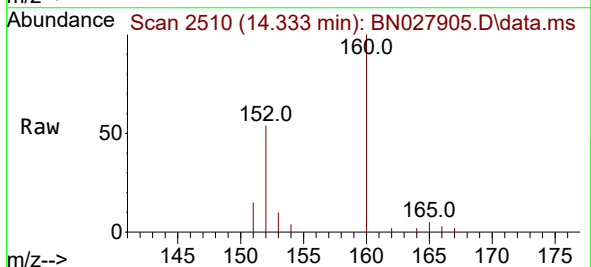
Instrument :
BNA_N
ClientSampleId :
EZYM5RE

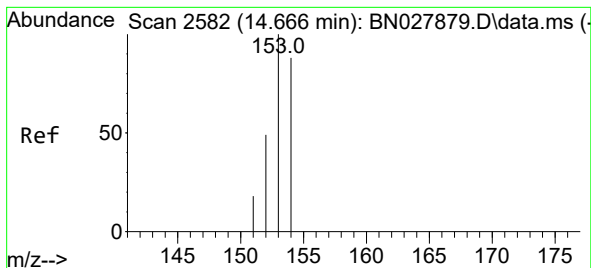
Tgt Ion:142 Resp: 1518
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2



#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Tgt Ion:152 Resp: 5119
Ion Ratio Lower Upper
152 100
151 28.2 16.6 25.0#
153 17.8 11.0 16.6#





#11

Acenaphthene

Concen: 0.052 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BN027905.D

Acq: 27 Sep 2023 18:34

Instrument :

BNA_N

ClientSampleId :

EZYM5RE

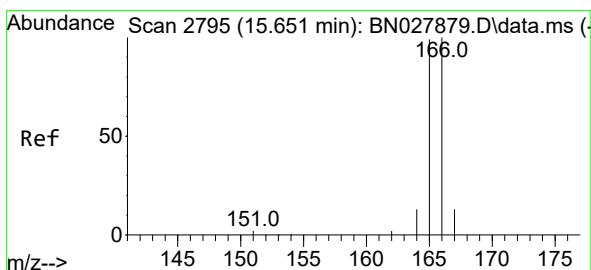
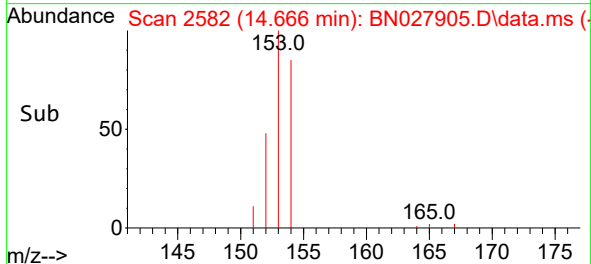
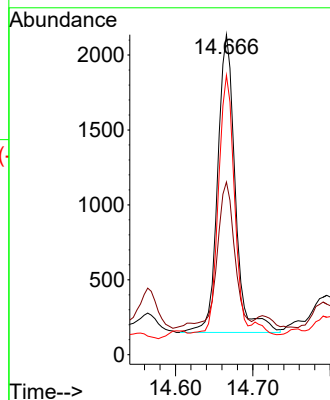
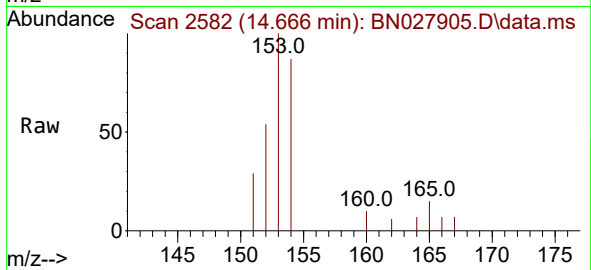
Tgt Ion:153 Resp: 3153

Ion Ratio Lower Upper

153 100

152 53.9 41.7 62.5

154 87.3 70.3 105.5



#12

Fluorene

Concen: 0.059 ng/ul

RT: 15.651 min Scan# 2795

Delta R.T. 0.000 min

Lab File: BN027905.D

Acq: 27 Sep 2023 18:34

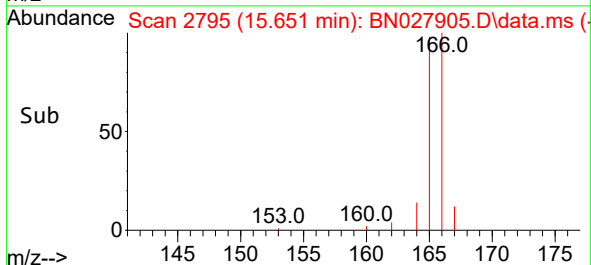
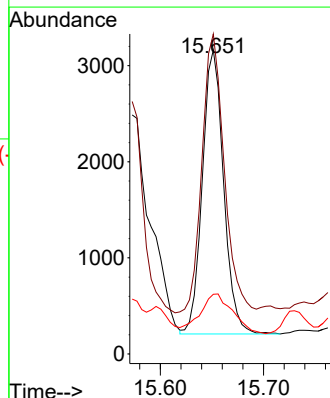
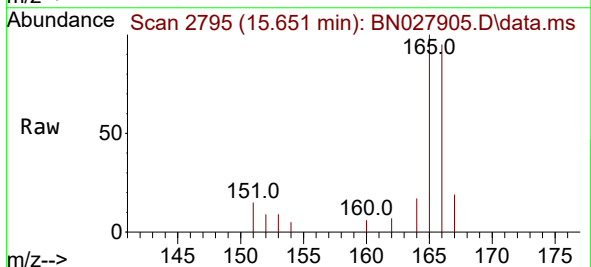
Tgt Ion:166 Resp: 4229

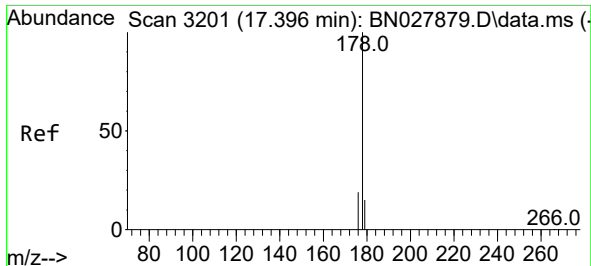
Ion Ratio Lower Upper

166 100

165 105.3 78.0 117.0

167 19.6 11.4 17.2#

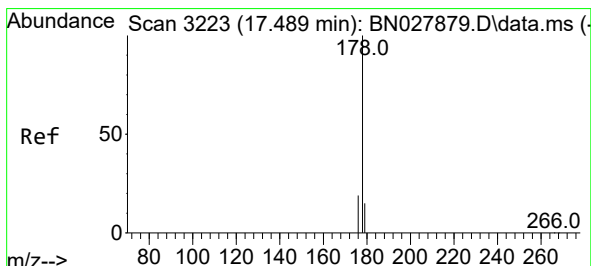
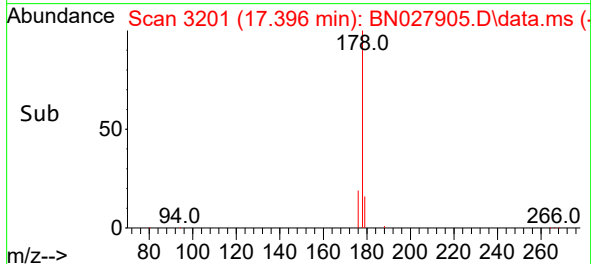
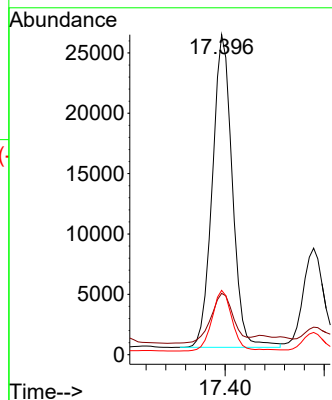
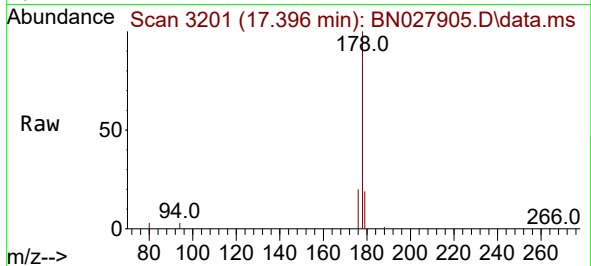




#15
Phenanthrene
Concen: 0.313 ng/ul
RT: 17.396 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

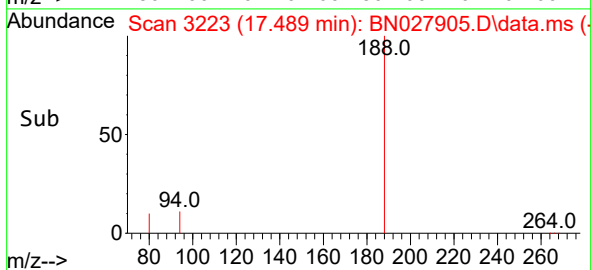
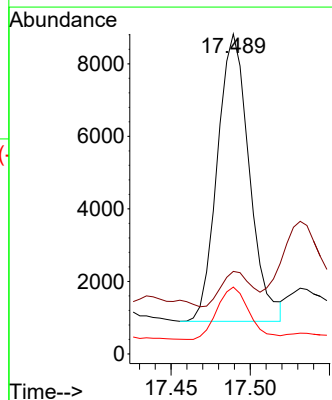
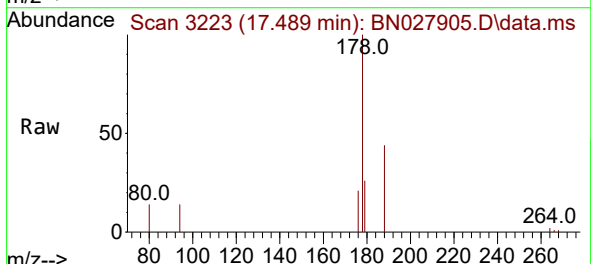
Instrument :
BNA_N
ClientSampleId :
EZYM5RE

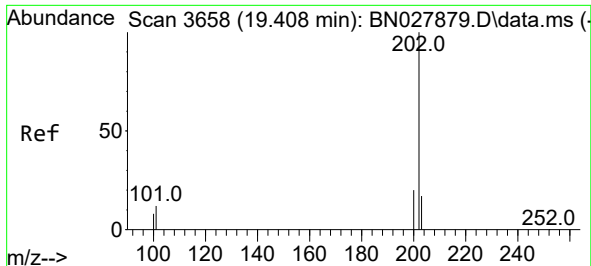
Tgt Ion:178 Resp: 36224
Ion Ratio Lower Upper
178 100
179 19.1 12.4 18.6#
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.115 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Tgt Ion:178 Resp: 11092
Ion Ratio Lower Upper
178 100
179 25.8 12.6 19.0#
176 20.9 15.5 23.3

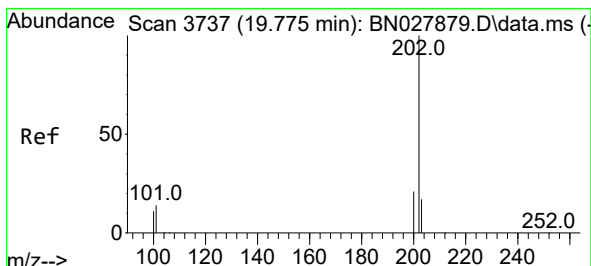
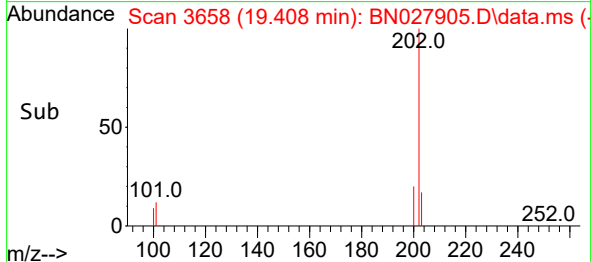
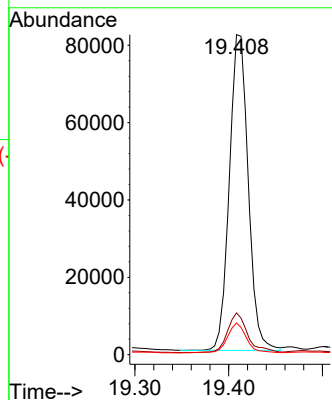
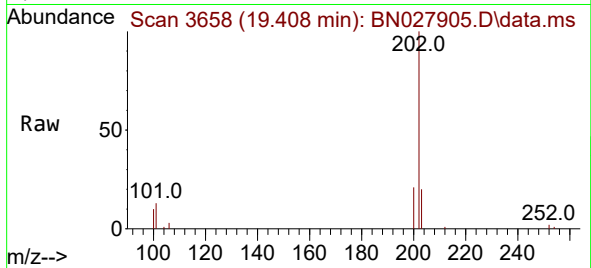




#19
Fluoranthene
Concen: 0.826 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

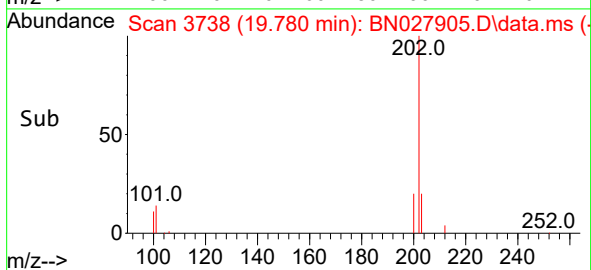
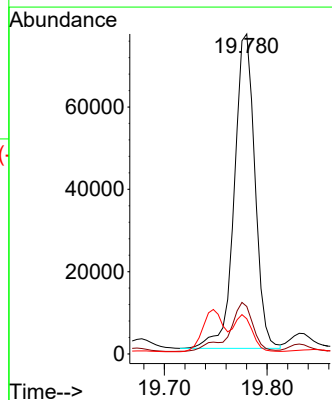
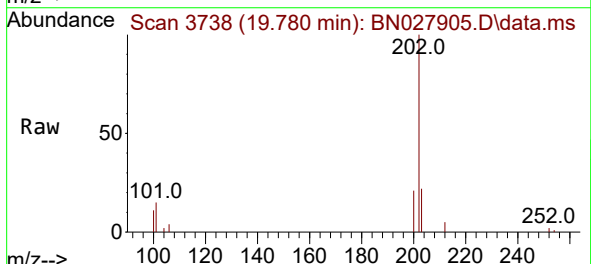
Instrument :
BNA_N
ClientSampleId :
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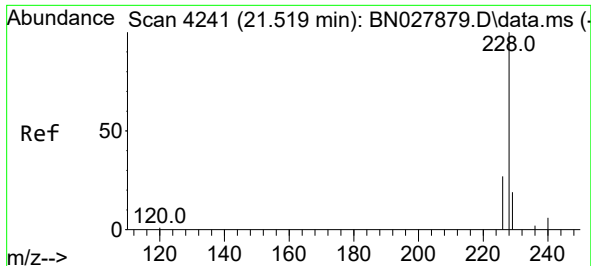
Tgt Ion:202 Resp: 114071
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 9.9 7.0 10.4



#20
Pyrene
Concen: 0.747 ng/ul
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Tgt Ion:202 Resp: 106265
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.0 9.1 13.7

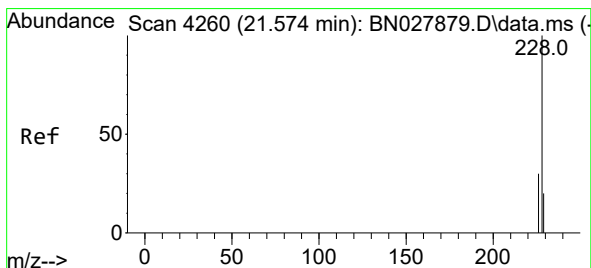
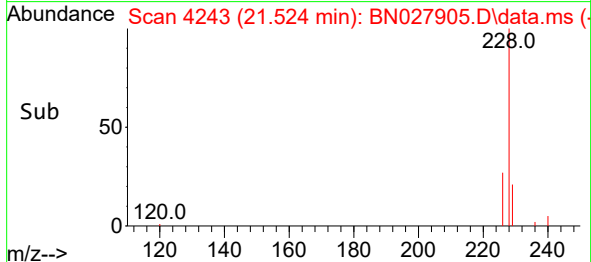
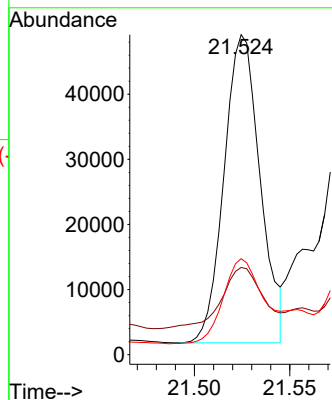
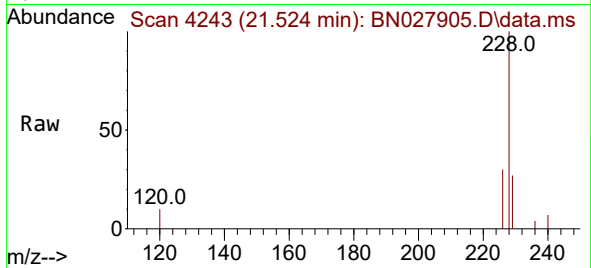




#21
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 21.524 min Scan# 4241
Delta R.T. 0.006 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

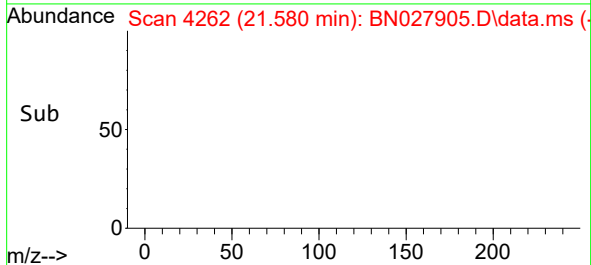
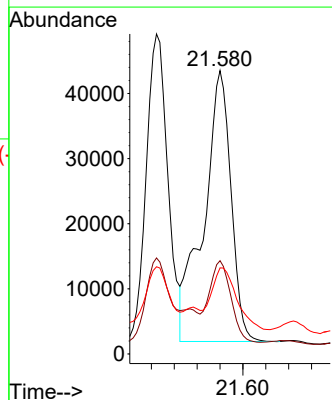
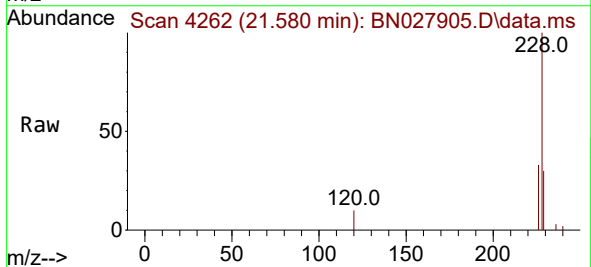
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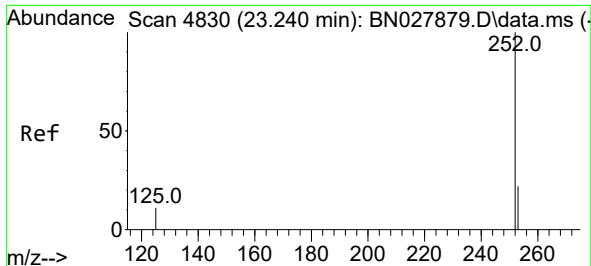
Tgt Ion:228 Resp: 62135
Ion Ratio Lower Upper
228 100
229 27.3 15.8 23.8#
226 30.0 22.0 33.0



#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. 0.006 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

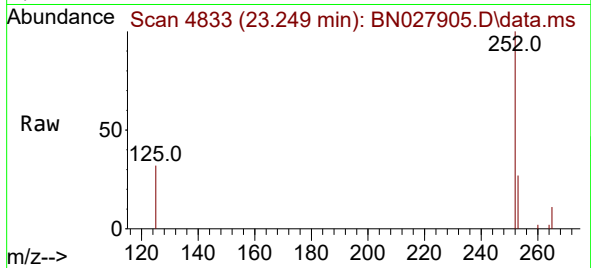
Tgt Ion:228 Resp: 68761
Ion Ratio Lower Upper
228 100
226 32.9 24.5 36.7
229 30.4 16.0 24.0#



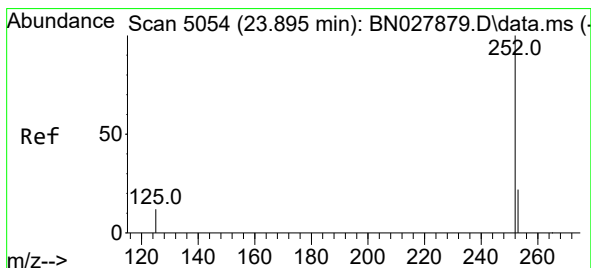
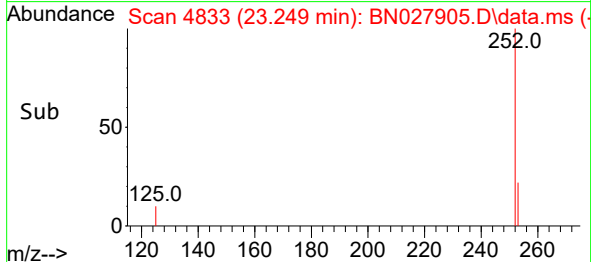
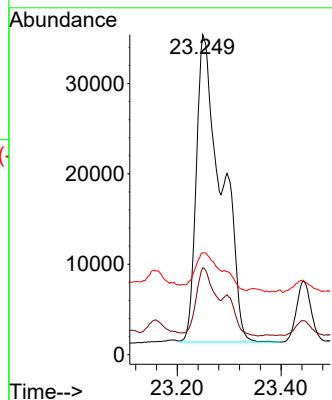


#24
Benzo(b)fluoranthene
Concen: 0.677 ng/ul
RT: 23.249 min Scan# 4833
Delta R.T. 0.009 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Instrument :
BNA_N
ClientSampleId :
EZYM5RE

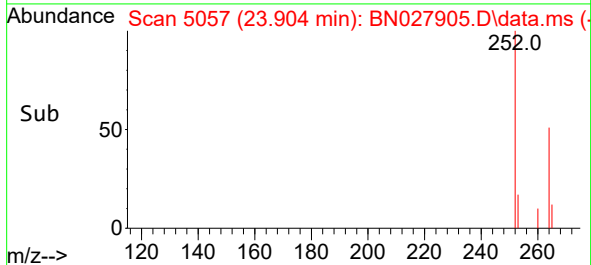
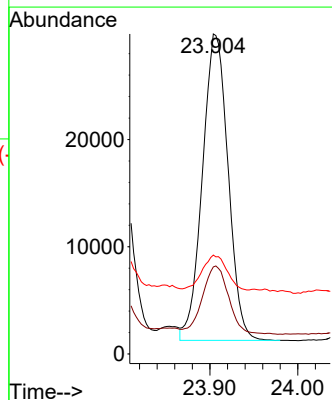
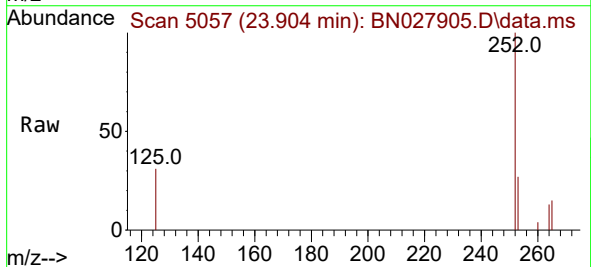


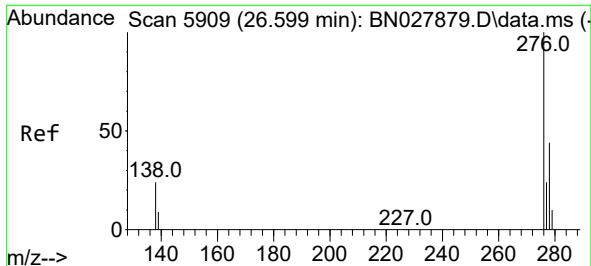
Tgt Ion:252 Resp: 113924
Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.2
125 31.8 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.904 min Scan# 5057
Delta R.T. 0.009 min
Lab File: BN027905.D
Acq: 27 Sep 2023 18:34

Tgt Ion:252 Resp: 58022
Ion Ratio Lower Upper
252 100
253 27.2 21.9 32.9
125 30.9 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.210 ng/ul

RT: 26.613 min Scan# 5913

Delta R.T. 0.013 min

Lab File: BN027905.D

Acq: 27 Sep 2023 18:34

Instrument :

BNA_N

ClientSampleId :

EZYM5RE

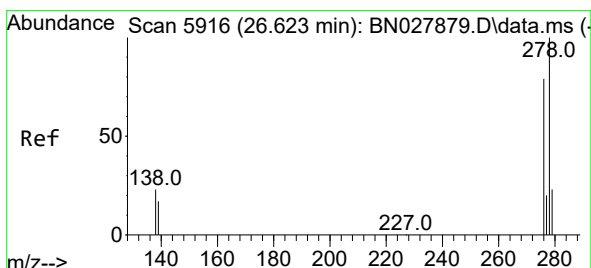
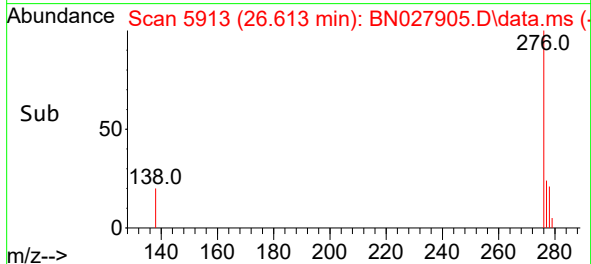
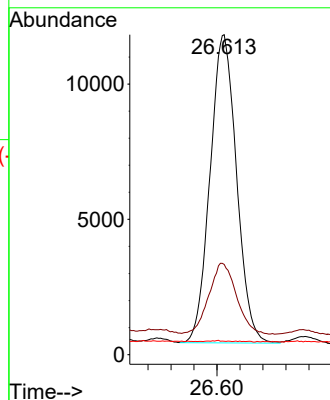
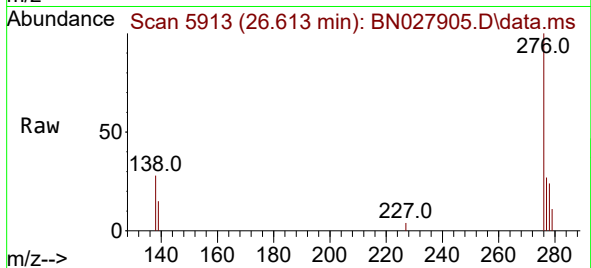
Tgt Ion:276 Resp: 36394

Ion Ratio Lower Upper

276 100

138 23.9 24.3 36.5#

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.081 ng/ul

RT: 26.629 min Scan# 5918

Delta R.T. 0.007 min

Lab File: BN027905.D

Acq: 27 Sep 2023 18:34

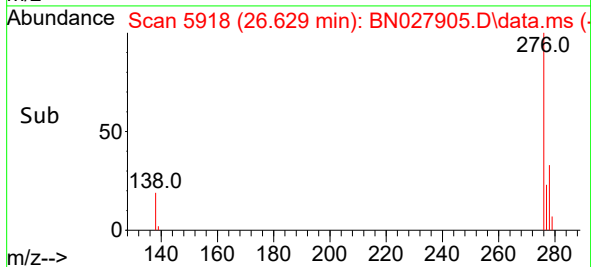
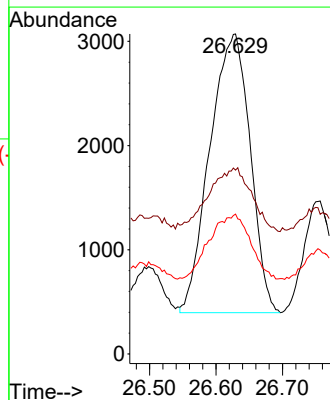
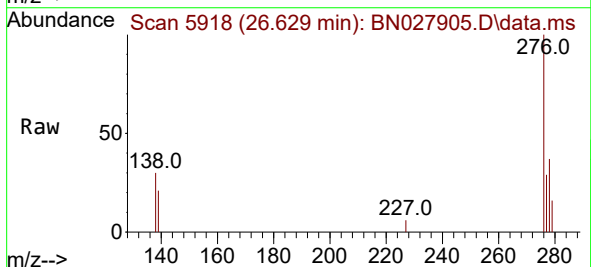
Tgt Ion:278 Resp: 11295

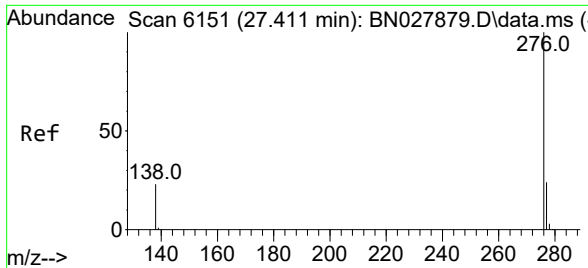
Ion Ratio Lower Upper

278 100

139 57.5 17.2 25.8#

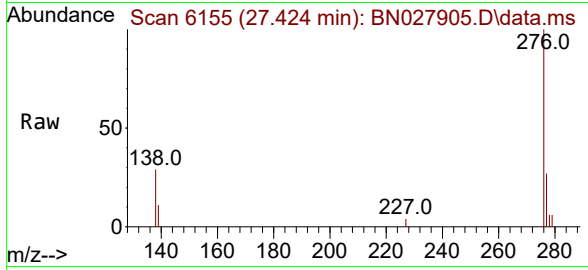
279 43.7 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.243 ng/ul
 RT: 27.424 min Scan# 6155
 Delta R.T. 0.013 min
 Lab File: BN027905.D
 Acq: 27 Sep 2023 18:34

Instrument :
 BNA_N
 ClientSampleId :
 EZYM5RE



Tgt Ion:	276	Resp:	35714
Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.7	32.5
277	27.4	20.2	30.2

