

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027434.D
 Acq On : 07 Sep 2023 09:15
 Operator : MA/JU
 Sample : 04113-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1

Quant Time: Sep 08 01:55:30 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)

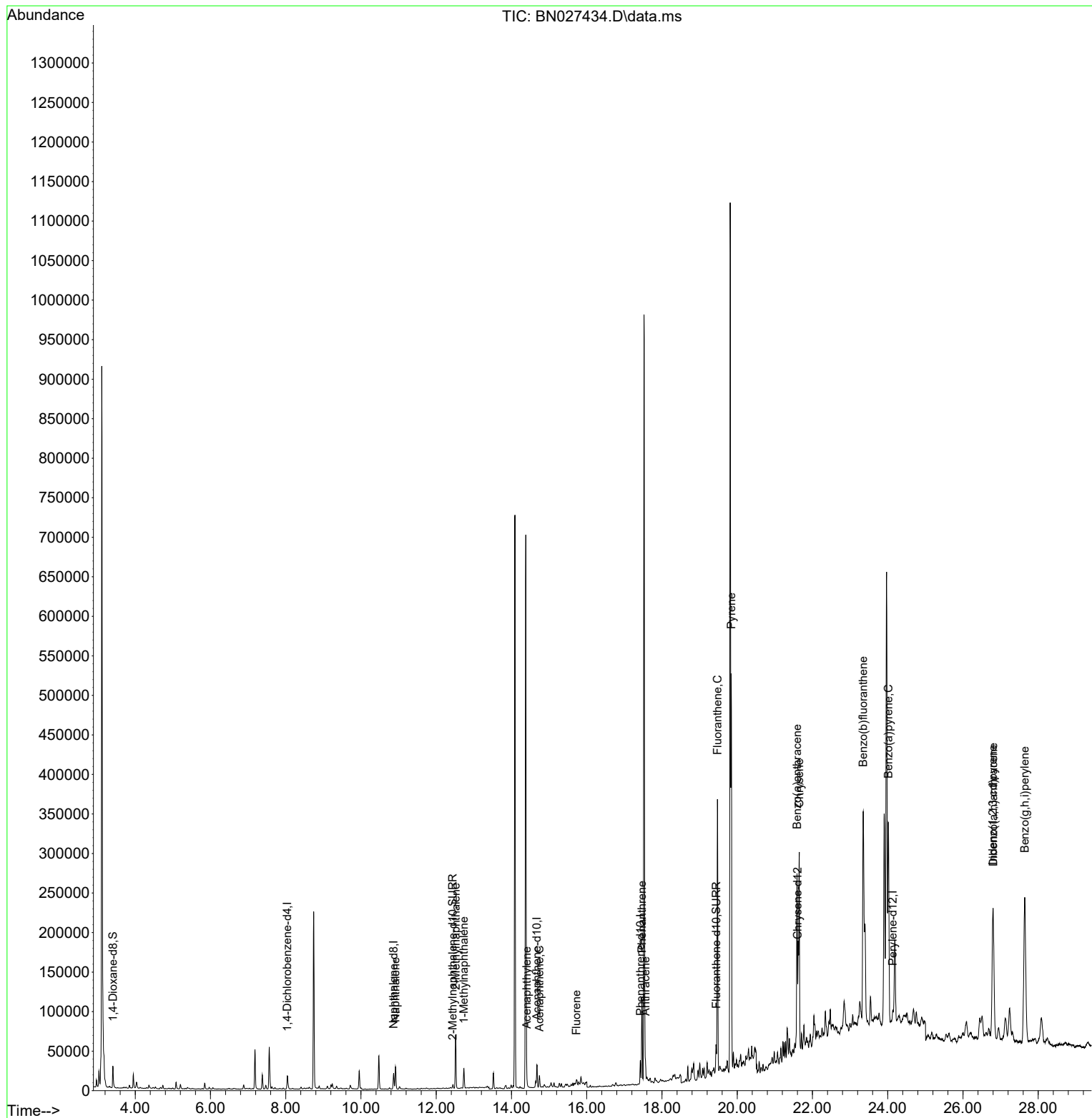
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	8173	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.867	136	27250	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.675	164	16253	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.426	188	34306	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.606	240	21035	0.400	ng/ul	# 0.00
23) Perylene-d12	24.135	264	25233	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	18947	1.743	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.440	152	5946	0.144	ng/ul	-0.02
18) Fluoranthene-d10	19.446	212	12311	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	38026	0.481	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	47058	0.952	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	16634	0.316	ng/ul	99
10) Acenaphthylene	14.407	152	10426	0.140	ng/ul#	85
11) Acenaphthene	14.740	153	8960	0.140	ng/ul	96
12) Fluorene	15.725	166	4960	0.069	ng/ul#	74
15) Phenanthrene	17.468	178	120450	1.078	ng/ul	98
16) Anthracene	17.561	178	27946	0.315	ng/ul#	89
19) Fluoranthene	19.473	202	283124	2.927	ng/ul	97
20) Pyrene	19.841	202	401772	4.079	ng/ul	99
21) Benzo(a)anthracene	21.589	228	189301	2.498	ng/ul#	88
22) Chrysene	21.647	228	222548	2.516	ng/ul#	89
24) Benzo(b)fluoranthene	23.348	252	676494	5.677	ng/ul	89
26) Benzo(a)pyrene	24.018	252	391844	4.210	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.797	276	312464	3.023	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.804	278	86592	1.096	ng/ul#	24
29) Benzo(g,h,i)perylene	27.642	276	445543	4.776	ng/ul	96

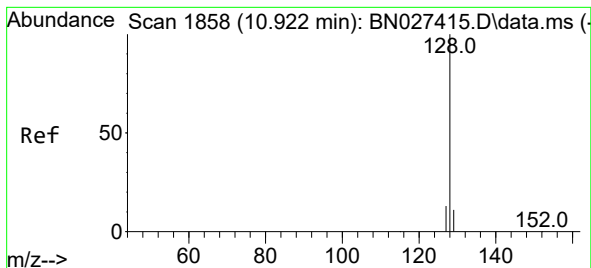
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.481 ng/ul

RT: 10.916 min Scan# 11

Delta R.T. -0.017 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

Instrument :

BNA_N

ClientSampleId :

EZYL1

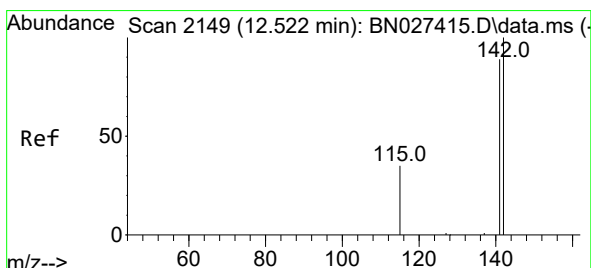
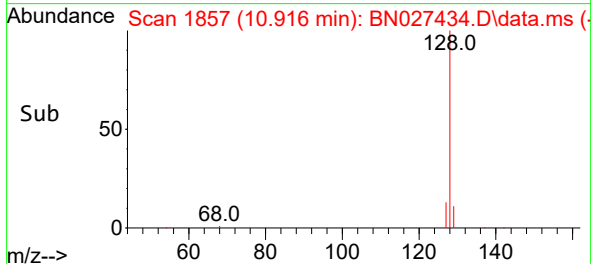
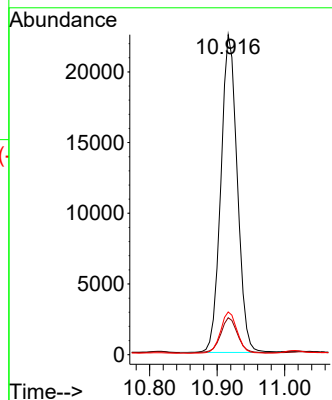
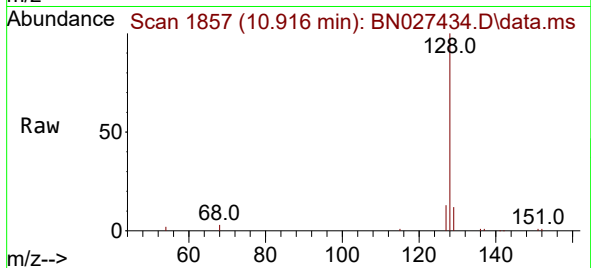
Tgt Ion:128 Resp: 38026

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

127 13.3 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.952 ng/ul

RT: 12.517 min Scan# 2148

Delta R.T. -0.017 min

Lab File: BN027434.D

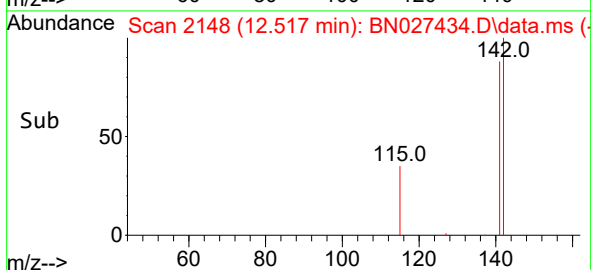
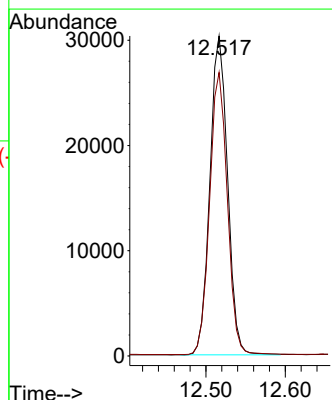
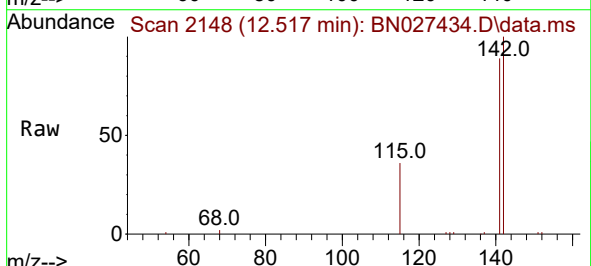
Acq: 07 Sep 2023 09:15

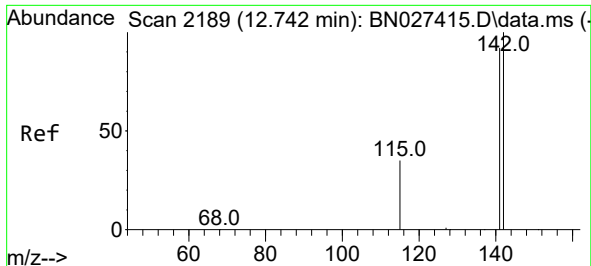
Tgt Ion:142 Resp: 47058

Ion Ratio Lower Upper

142 100

141 88.4 71.6 107.4

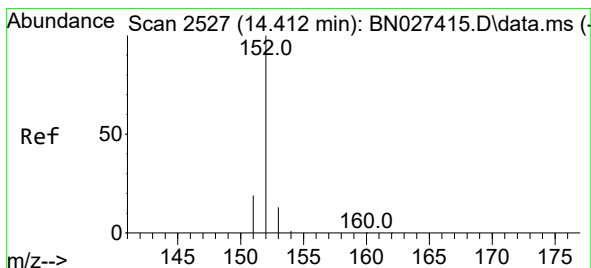
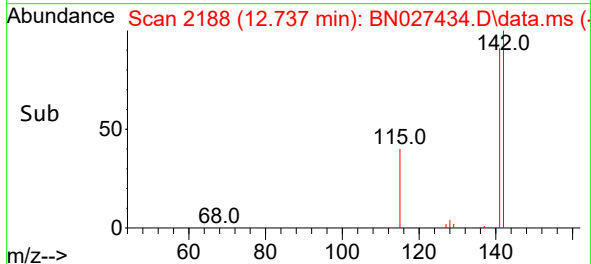
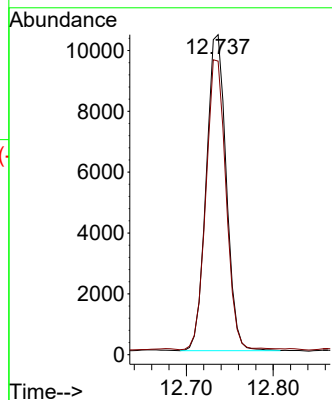
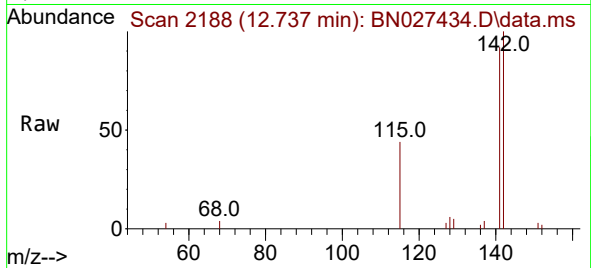




#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

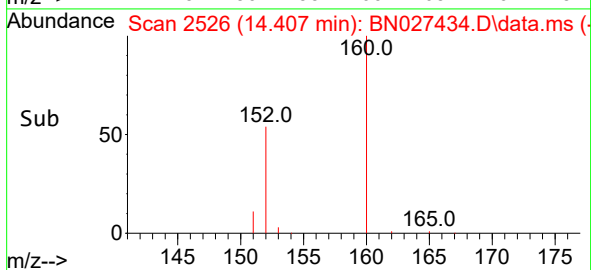
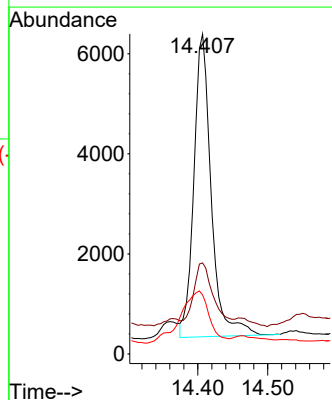
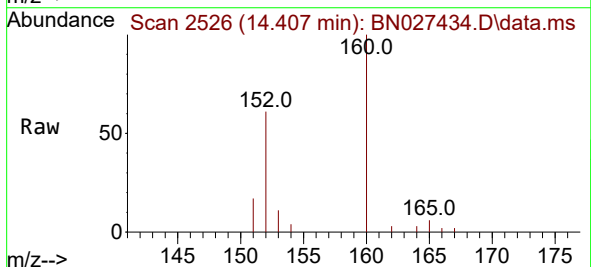
Instrument :
BNA_N
ClientSampleId :
EZY1

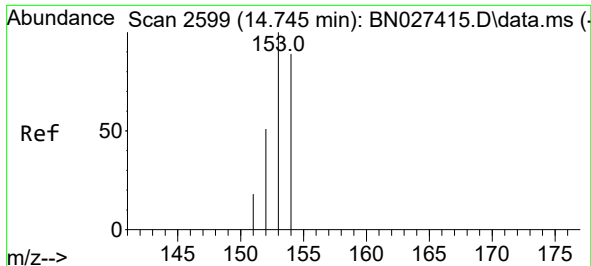
Tgt Ion:142 Resp: 16634
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4



#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 14.407 min Scan# 2526
Delta R.T. -0.014 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

Tgt Ion:152 Resp: 10426
Ion Ratio Lower Upper
152 100
151 28.4 16.3 24.5#
153 18.5 11.1 16.7#

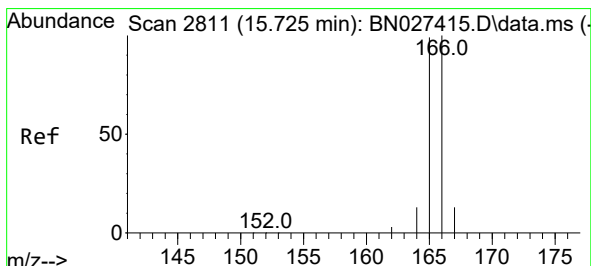
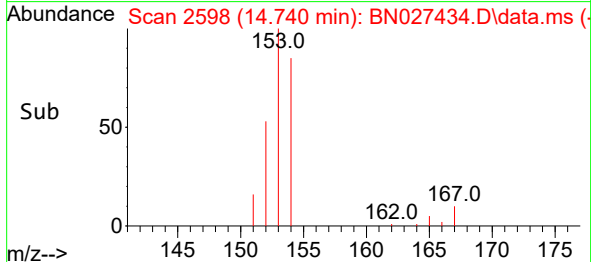
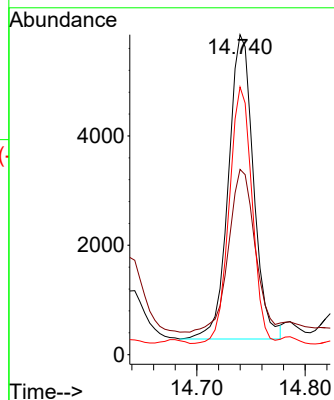
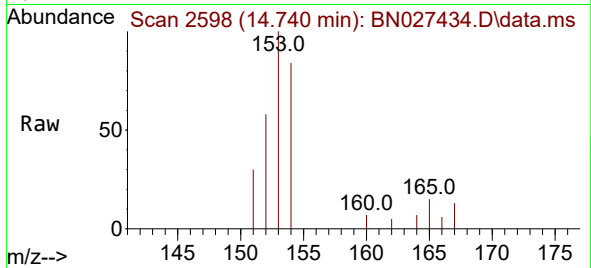




#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

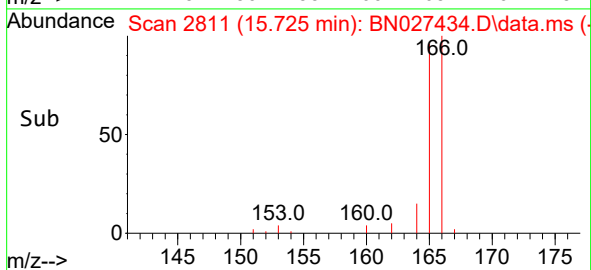
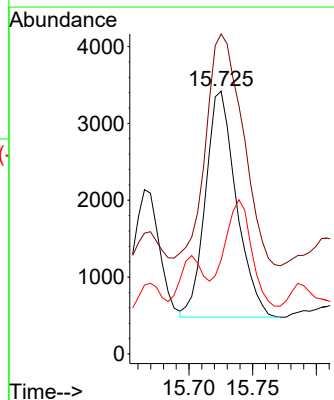
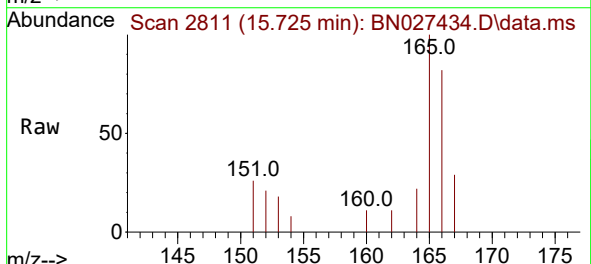
Instrument :
BNA_N
ClientSampleId :
EZY1

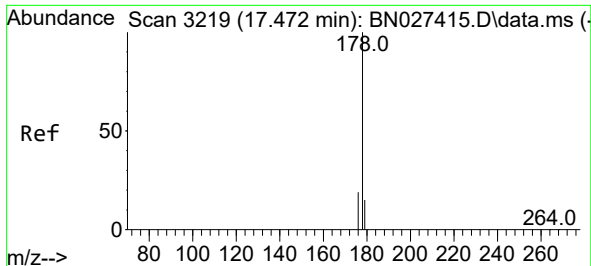
Tgt Ion:153 Resp: 8960
Ion Ratio Lower Upper
153 100
152 57.9 42.9 64.3
154 83.6 69.4 104.0



#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. -0.014 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

Tgt Ion:166 Resp: 4960
Ion Ratio Lower Upper
166 100
165 121.8 79.6 119.4#
167 35.8 11.4 17.0#

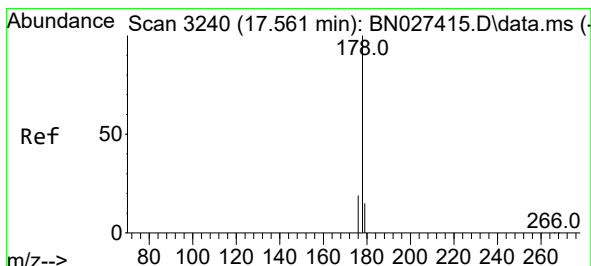
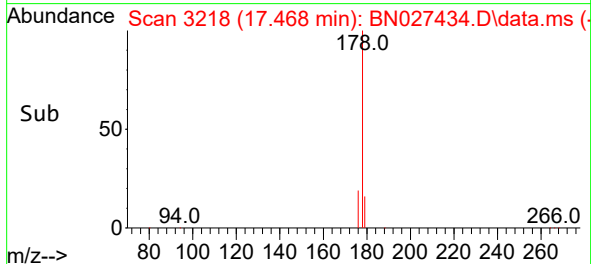
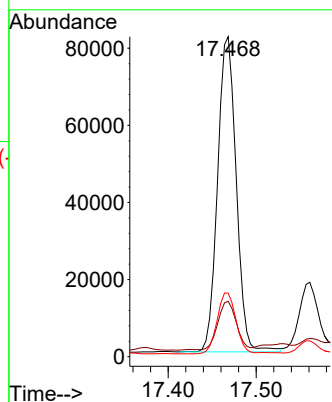
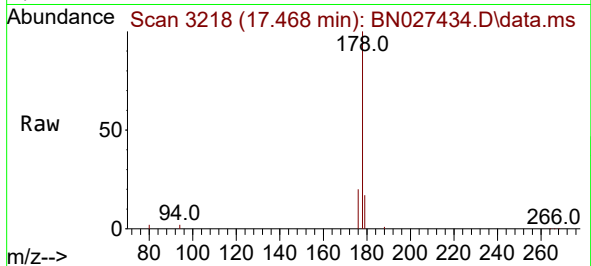




#15
Phenanthrene
Concen: 1.078 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.012 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

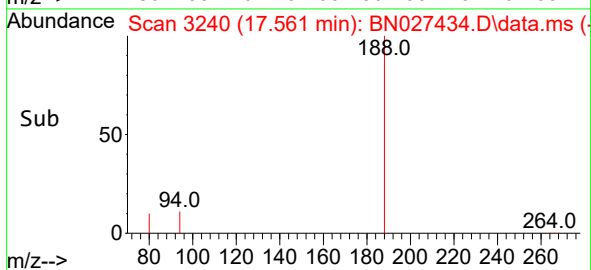
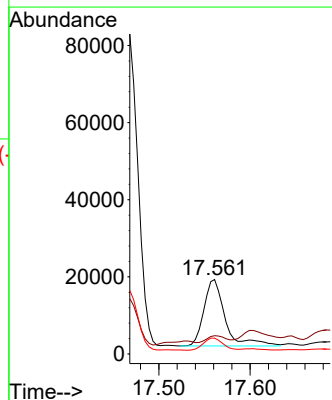
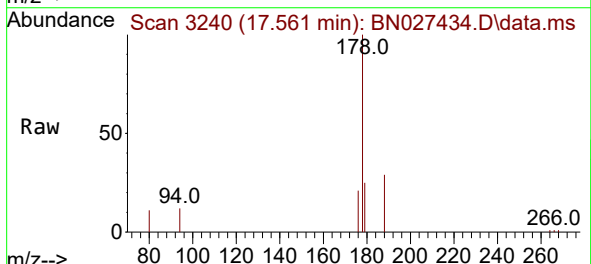
Instrument :
BNA_N
ClientSampleId :
EZY1

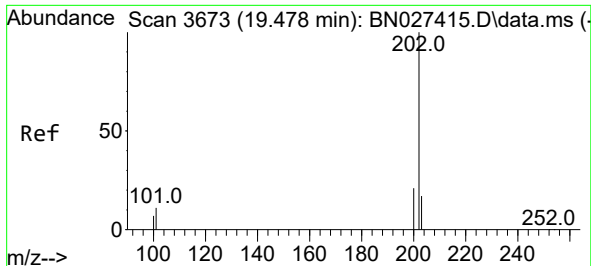
Tgt Ion:178 Resp: 120450
Ion Ratio Lower Upper
178 100
179 17.3 12.6 19.0
176 19.8 15.8 23.8



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.012 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

Tgt Ion:178 Resp: 27946
Ion Ratio Lower Upper
178 100
179 24.6 13.0 19.6#
176 21.4 15.6 23.4





#19

Fluoranthene

Concen: 2.927 ng/ul

RT: 19.473 min Scan# 3673

Delta R.T. -0.014 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

Instrument :

BNA_N

ClientSampleId :

EZYL1

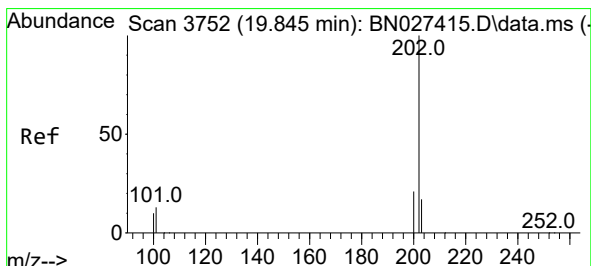
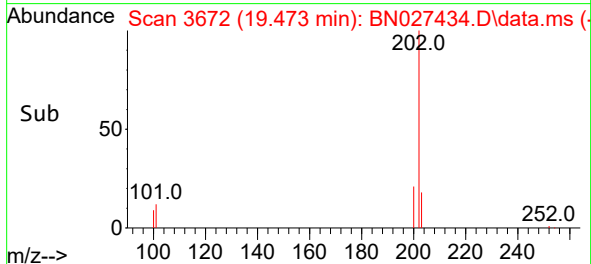
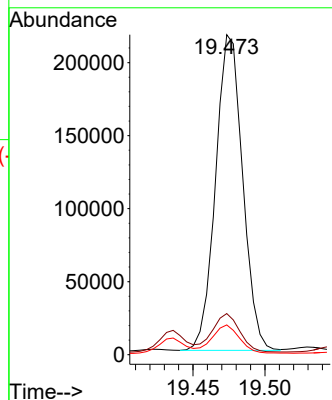
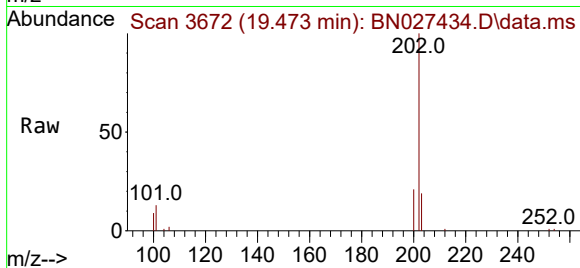
Tgt Ion:202 Resp: 283124

Ion Ratio Lower Upper

202 100

101 12.9 9.4 14.0

100 9.3 6.9 10.3



#20

Pyrene

Concen: 4.079 ng/ul

RT: 19.841 min Scan# 3751

Delta R.T. -0.009 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

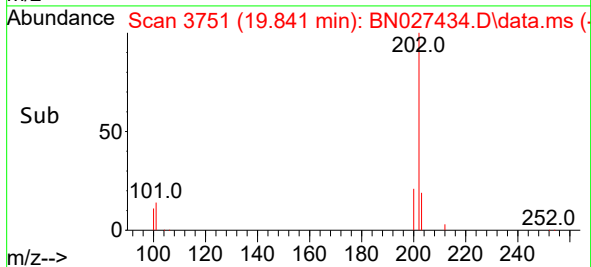
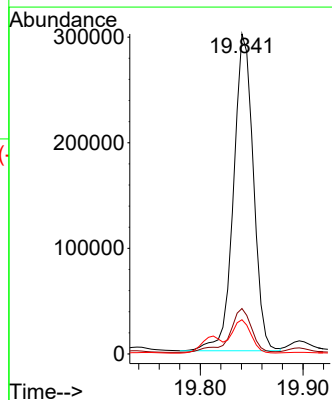
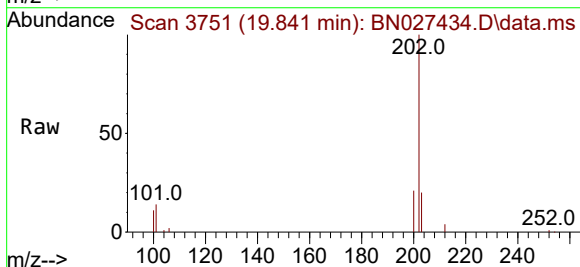
Tgt Ion:202 Resp: 401772

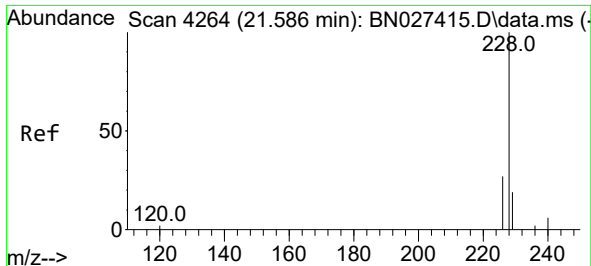
Ion Ratio Lower Upper

202 100

101 14.2 11.4 17.2

100 10.7 9.4 14.2

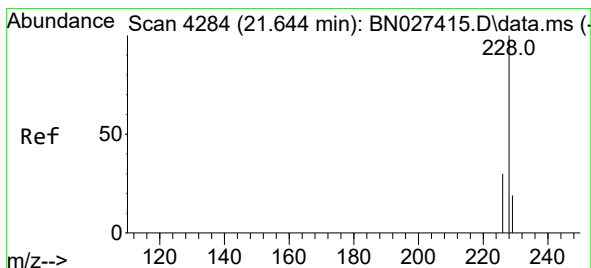
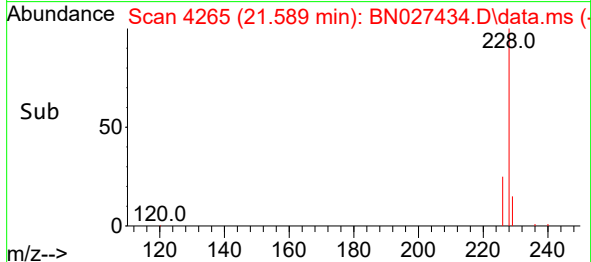
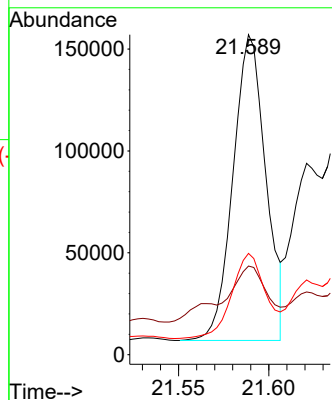
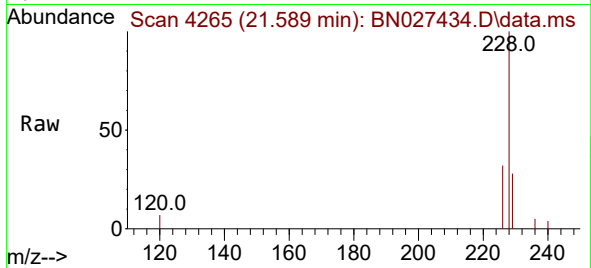




#21
Benzo(a)anthracene
Concen: 2.498 ng/ul
RT: 21.589 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

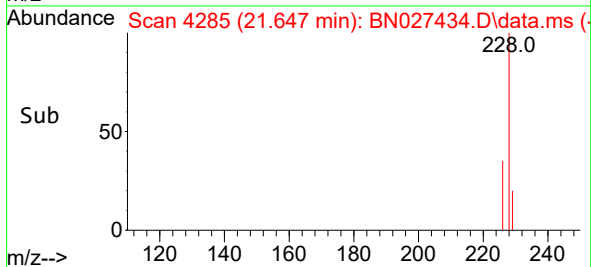
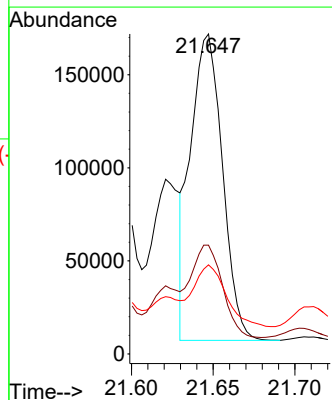
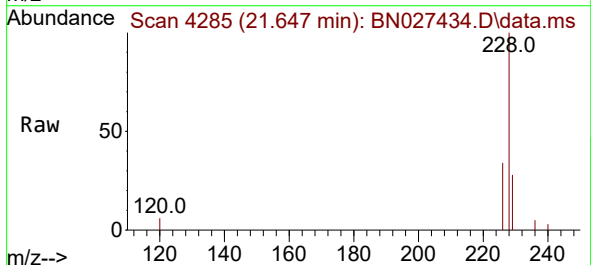
Instrument :
BNA_N
ClientSampleId :
EZY1

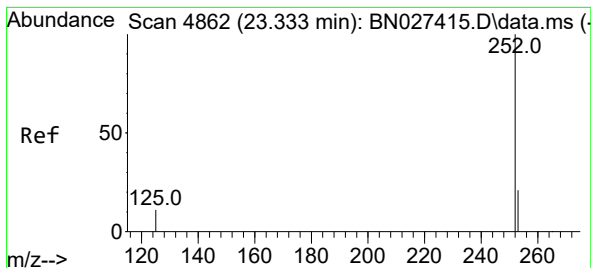
Tgt Ion:228 Resp: 189301
Ion Ratio Lower Upper
228 100
229 27.7 15.7 23.5#
226 31.6 22.0 33.0



#22
Chrysene
Concen: 2.516 ng/ul
RT: 21.647 min Scan# 4285
Delta R.T. 0.000 min
Lab File: BN027434.D
Acq: 07 Sep 2023 09:15

Tgt Ion:228 Resp: 222548
Ion Ratio Lower Upper
228 100
226 34.0 24.4 36.6
229 27.9 15.6 23.4#





#24

Benzo(b)fluoranthene

Concen: 5.677 ng/ul

RT: 23.348 min Scan# 4862

Delta R.T. 0.003 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

Instrument :

BNA_N

ClientSampleId :

EZYL1

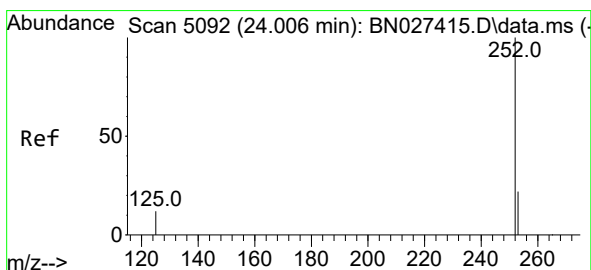
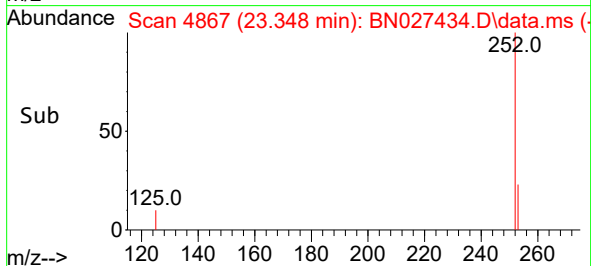
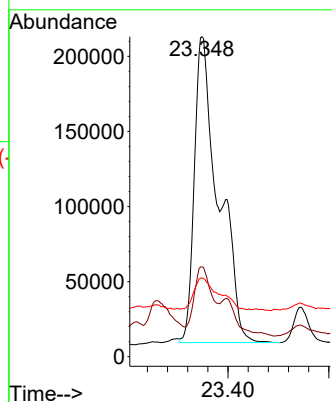
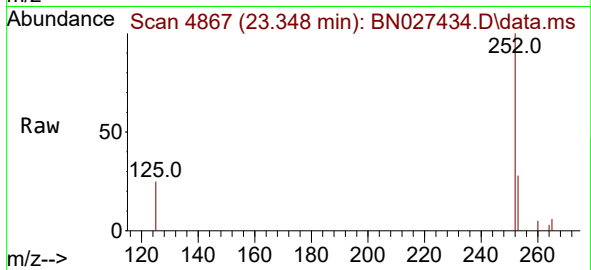
Tgt Ion:252 Resp: 676494

Ion Ratio Lower Upper

252 100

253 28.1 0.0 49.6

125 24.6 0.0 33.8



#26

Benzo(a)pyrene

Concen: 4.210 ng/ul

RT: 24.018 min Scan# 5096

Delta R.T. 0.000 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

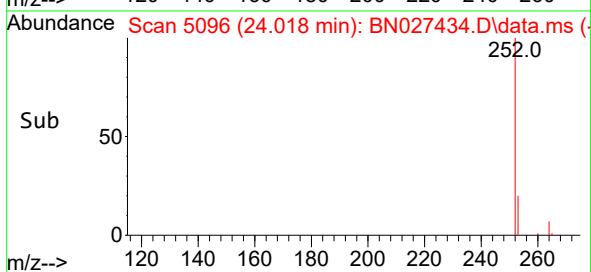
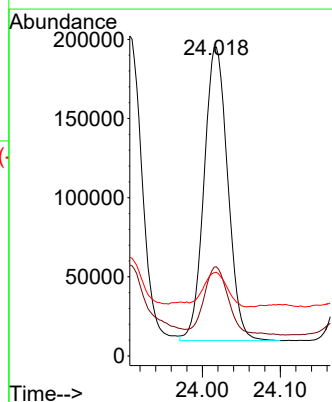
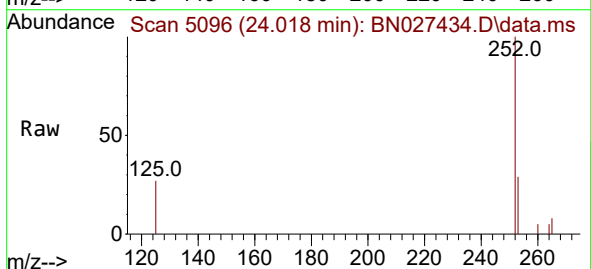
Tgt Ion:252 Resp: 391844

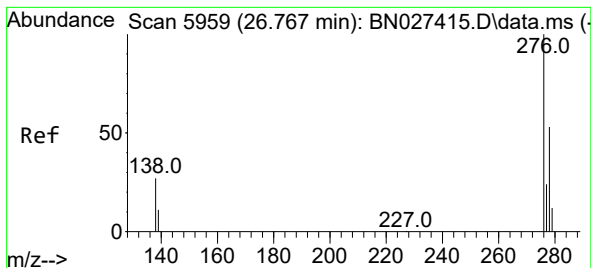
Ion Ratio Lower Upper

252 100

253 28.8 22.4 33.6

125 27.1 17.4 26.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 3.023 ng/ul

RT: 26.797 min Scan# 5968

Delta R.T. -0.003 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

Instrument :

BNA_N

ClientSampleId :

EZYL1

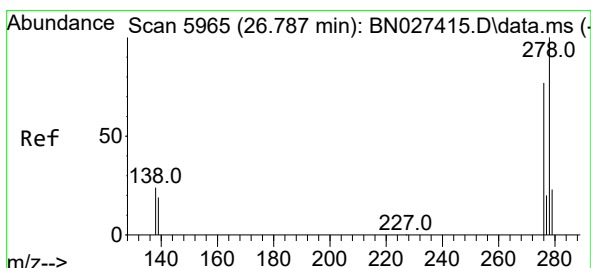
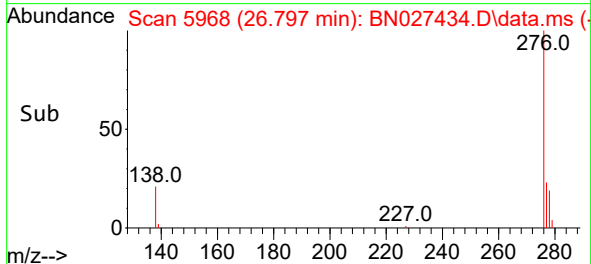
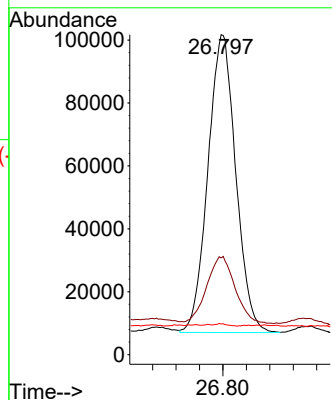
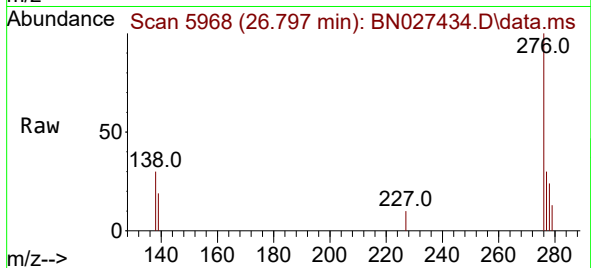
Tgt Ion:276 Resp: 312464

Ion Ratio Lower Upper

276 100

138 23.0 23.9 35.9#

227 0.4 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.096 ng/ul

RT: 26.804 min Scan# 5970

Delta R.T. -0.030 min

Lab File: BN027434.D

Acq: 07 Sep 2023 09:15

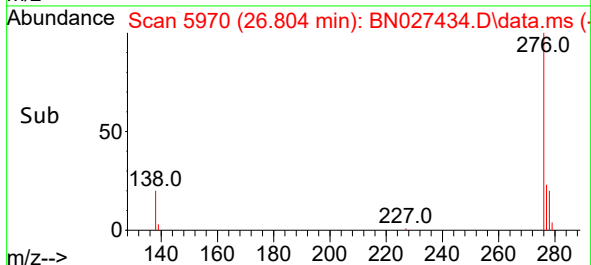
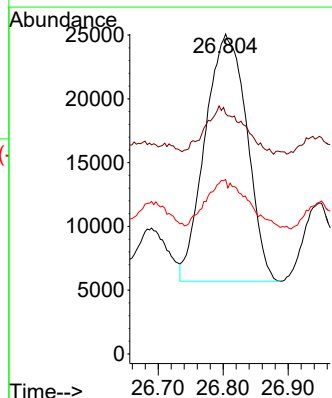
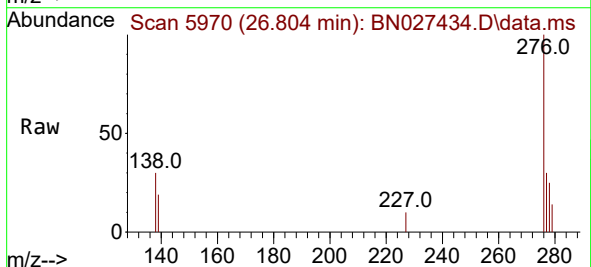
Tgt Ion:278 Resp: 86592

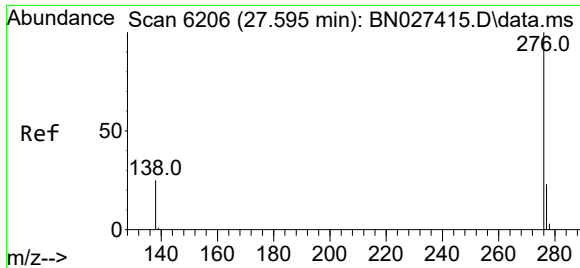
Ion Ratio Lower Upper

278 100

139 75.0 18.0 27.0#

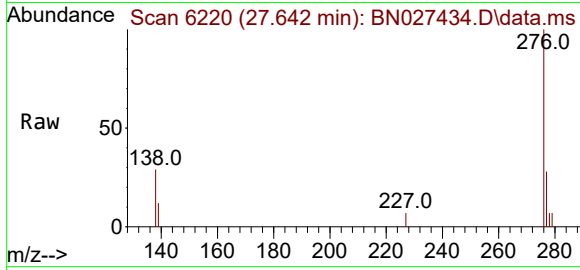
279 54.5 22.7 34.1#





#29
 Benzo(g,h,i)perylene
 Concen: 4.776 ng/ul
 RT: 27.642 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BN027434.D
 Acq: 07 Sep 2023 09:15

Instrument :
 BNA_N
 ClientSampleId :
 EZYL1



Tgt Ion:276 Resp: 445543

Ion	Ratio	Lower	Upper
276	100		
138	28.9	22.1	33.1
277	28.4	20.2	30.4

